



NJ 2020 SHSP

Intersections Emphasis Area

Completed Priority Action 1.A.3.a

Technical memo identifying high-risk intersections for right angle left turn crashes.



January 31, 2024





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Program Year (SHSP Implementation Program Year the Action was established)	1
Emphasis Area	Intersections
Goal	1.
Objective	1.A. Reduce the five-year rolling average of intersection related fatalities by 3% per year, serious injuries by 3% per year, and total injuries by 3% per year, over the period from 2018 to 2023.
Strategy	1.A.
Action	1.A.3.a.
Action Leader	Christine Mittman
Action Workgroup	NJDOT BSBPP – Zil Patel, Rosanne DiBenedetto, FHWA – Amy Kaminski County and Municipal Traffic Engineers
Action Work Product / Deliverable	<ul style="list-style-type: none"> • Identify high-risk intersections on the county and municipal network where right angle and left turn crashes are significant or intersections where there is a high risk for right angle and left turn crashes. • Identify or develop tools for use by counties and municipalities. Develop a strategy for sharing information with roadway owners. • Countermeasures/practices may include multiphase signal operation, restricting or eliminating turning maneuvers, signal coordination, reviewing clearance times based on 2020 ITE recommended practice, etc. <ol style="list-style-type: none"> 1. Implementation will be the responsibility of facility owners. 2. Investigate & determine what strategies/measures may be most effective at reducing right angle & left turn crashes. 3. Investigate & determine methods to map high-risk locations on county and municipal network, noting affected underserved areas
Work Product / Deliverable Purpose	<p>Report/Tech memo to including strategies and/or measures most effective at reducing right angle & left turn crashes</p> <ol style="list-style-type: none"> 1. Mapping high-risk locations on county and municipal network and highlighting underserved areas 2. Analysis of high-risk locations and identifying tools for use by counties and municipalities 3. Potential countermeasures for high-risk locations



Introduction

Half of all fatal and suspected serious injury (F&SSI) crashes (2015-2022) at intersections on county and municipal roadways are right angle and left-turn crashes. Proactively addressing these two crash types is an important component of the statewide goal to eliminate New Jersey traffic fatalities by 2050.

Of all F&SSI intersections crashes on local roads, 57 percent were at intersections on the county network and the remaining 43 percent were at intersections on the municipal system. Therefore, safety improvements at both county and municipal intersections are necessary. Furthermore, the F&SSI intersection crashes by control type were:

- Traffic Signal: 43%
- Stop Control: 34%
- No Control: 21%
- Flasher/Warning: 2%
- Yield Control: 0.1%

High-Risk Intersection Identification

The following methods can be used to identify high-risk intersections on the county and municipal networks where there is a pattern of right angle and left turn related crashes:

1. High Crash Network Screening Lists

The New Jersey Department of Transportation (NJDOT) develops network screening lists (in Excel format) and periodically updates them. The lists identify and rank high crash locations in several categories including corridors, intersections, pedestrian/bike intersections and corridors as well as the High-Risk Rural Roads eligible corridors. Locations are ranked by MPO and by individual counties. New lists were provided to the three MPOs in 2023 for distribution to their respective subregions. Intersections and corridors on the lists are eligible for HSIP funding through the Local Safety and High-Risk Rural Roads Programs managed under the three MPOs.

2. SHSP Data Viewer

Under SHSP Intersection Action Item 1.A.1.b, the SHSP data viewer was developed as a mapping tool for counties and municipalities that displays fatal and suspected serious injury (F&SSI) crash data together with network screening list eligible locations. Right angle and left turn crashes are one of several crash type layers that can be isolated and viewed. Additional information provided as layers includes:

- FHWA HSIP funded projects
- FHWA HSIP funded Road Safety Audits
- Underserved areas data from the EPA EJ Screening Tool

The SHSP data viewer can be accessed through the NJTPA website under Local Safety/Rural Roads:

[Local Safety/Rural Roads | NJTPA | North Jersey Transportation Planning Authority](#)

The page also contains a link to the tool’s user guide.



Observations made from analyzing the data for Franklin Township, Gloucester County:

- There were a total 24 F&SSI crashes at intersections from 2015-2022
- 19 of the 24 were right angle crashes
- 16 of the 24 occurred at stop controlled intersections
- 5 occurred at stop-controlled intersections under municipal jurisdiction

Below are excerpts from tables for Gloucester County in Attachment A.

County jurisdiction:

	Municipality	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Alcohol Involved	Hit and Run Accident	Location	Location Direction	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	FRANKLIN TWP	4/7/2015	Flasher/Warning	Right Angle	Suspected Serious Injury	County	2	No		GLOUCESTER COUNTY 604	East	WILLOW GROVE RD	45	50	East	South
2	FRANKLIN TWP	8/17/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2	No		ROUTE 555	South	FOREST RD	50	40	South	East
3	FRANKLIN TWP	3/18/2016	Flasher/Warning	Opposite Direction (Sideswipe)	Suspected Serious Injury	County	2	No		ROUTE 538	West	CR 612 / WILLIAMSTOWN RD	45	45	South	West
4	FRANKLIN TWP	4/23/2016	Stop Control	Same Direction - Rear End	Suspected Serious Injury	County	2	No		GLOUCESTER COUNTY 658	South	ROUTE 538 / COLES MILL RD	50	45	East	East
5	FRANKLIN TWP	7/30/2016	Flasher/Warning	Right Angle	Suspected Serious Injury	County	2	No		ROUTE 555	North	WEYMOUTH RD	50	50	South	North
6	FRANKLIN TWP	9/2/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2	Yes		ROUTE 538	West	CR 604 / MONROEVILLE ROAD	40	40	South	East
7	FRANKLIN TWP	11/24/2018	Stop Control	Left Turn/U Turn	Fatal Injury	County	2	No		ROUTE 555	South	MARSHALL MILL RD	50	45	North	East
8	FRANKLIN TWP	3/5/2019	Flasher/Warning	Railcar - vehicle	Suspected Serious Injury	County	2	No		ROUTE 538	East	RAILROAD AVE	40		South	North
9	FRANKLIN TWP	7/7/2019	Stop Control	Right Angle	Fatal Injury	County	3	No		GLOUCESTER COUNTY 615		LAKE RD	45	35	East	West
10	FRANKLIN TWP	8/11/2019	Stop Control	Right Angle	Fatal Injury	County	2	No		GLOUCESTER COUNTY 655	South	GRANT AVE	50	35	South	East
11	FRANKLIN TWP	10/23/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2	No		GLOUCESTER COUNTY 657	South	ROUTE 538 / COLES MILL RD	45	45	East	West
12	FRANKLIN TWP	10/25/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2	No		ROUTE 555	South	ROUTE 538 / COLES MILL RD	50	45		
13	FRANKLIN TWP	10/25/2020	No Control	Railcar - vehicle	Suspected Serious Injury	County	2	No		ROUTE 538	East	RAILROAD AVE	40	25		
14	FRANKLIN TWP	5/25/2021	Stop Control	Right Angle	Suspected Serious Injury	County	2	No		ROUTE 553	North	CR 604 / MONROEVILLE RD	50			
15	FRANKLIN TWP	9/10/2021	Stop Control	Right Angle	Suspected Serious Injury	County	3	No		GLOUCESTER COUNTY 655	South	GRANT AVE	50	35	East	West
16	FRANKLIN TWP	10/3/2021	Flasher/Warning	Right Angle	Suspected Serious Injury	County	2	No		ROUTE 555	East	CATAWBA AVE	50	40	South	East
17	FRANKLIN TWP	12/14/2021	Stop Control	Right Angle	Suspected Serious Injury	County	3	No		ROUTE 538	West	STANTON AVE	45	40		
18	FRANKLIN TWP	12/24/2021	Flasher/Warning	Right Angle	Suspected Serious Injury	County	3	No		ROUTE 555	East	WEYMOUTH RD	50	50	South	North
19	FRANKLIN TWP	10/15/2022	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	No		ROUTE 538		CR 655 / FRIES MILL RD	45	50	East	South

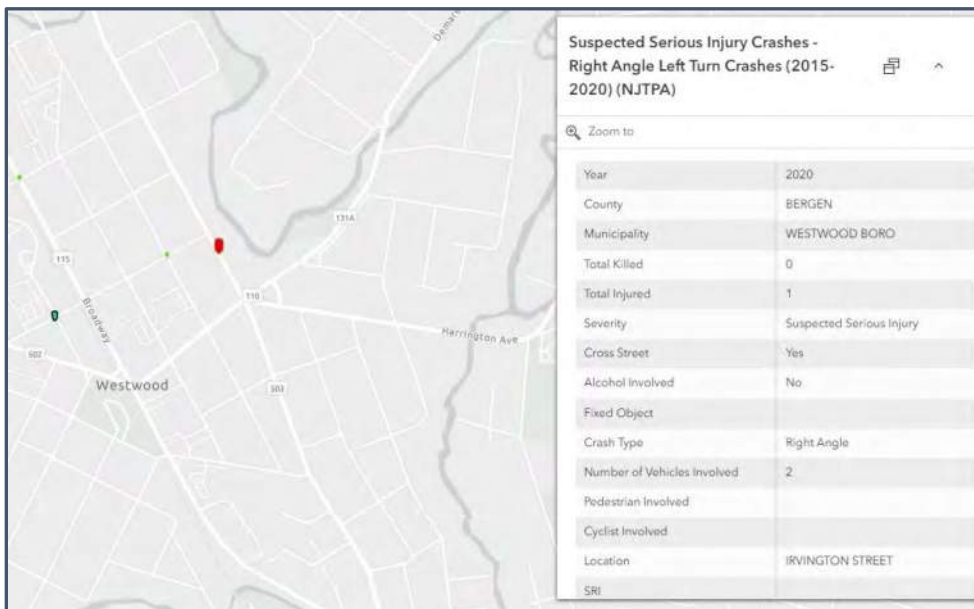
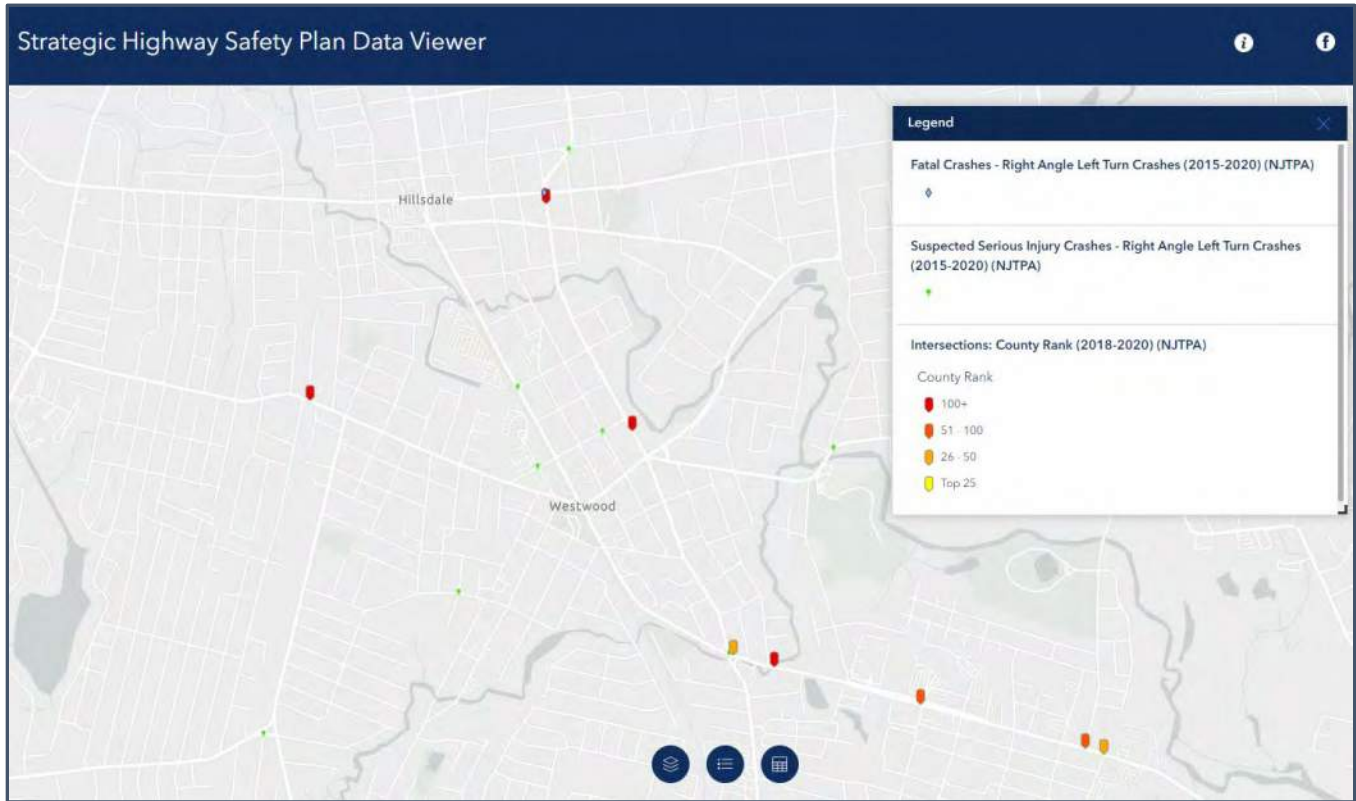
Municipal jurisdiction:

	Municipality	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Location	Location Direction	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	FRANKLIN TWP	7/5/2015	Stop Control	Right Angle	Fatal injury	Municipal	2	WEYMOUTH RD	West	SOUTH BLUE BELL ROAD	50	35	West	North
2	FRANKLIN TWP	9/18/2019	Stop Control	Right Angle	Fatal Injury	Municipal	2	WILLIAMSTOWN RD **	South	GRANT AV	45	35	South	East
3	FRANKLIN TWP	2/14/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	FOREST GROVE RD **	West	BLUEBELL RD	45	35		
4	FRANKLIN TWP	10/13/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	GRANT AVE **	East	WILLIAMSTOWN RD	35	45		
5	FRANKLIN TWP	11/30/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	LAKE RD / VICTORIA AVE **	North	CR 615 / WEST BLVD	45	45	North	South

Not Mapped

These 5 stop controlled intersections under the jurisdiction of Franklin Township can be reviewed by the municipality to determine what additional safety measures can be implemented.

Here is another example using the SHSP data viewer. The map shows Westwood Borough in Bergen County. The layers that have been turned on include right angle and left turn crashes and the high crash intersection locations from the network screening list for the NJTPA region. There were 19 intersections crashes in Westwood from 2015-2022 with 13 involving right angle or left turn crashes.



The image to the left shows that clicking on the symbols will provides crash or intersection rank details.



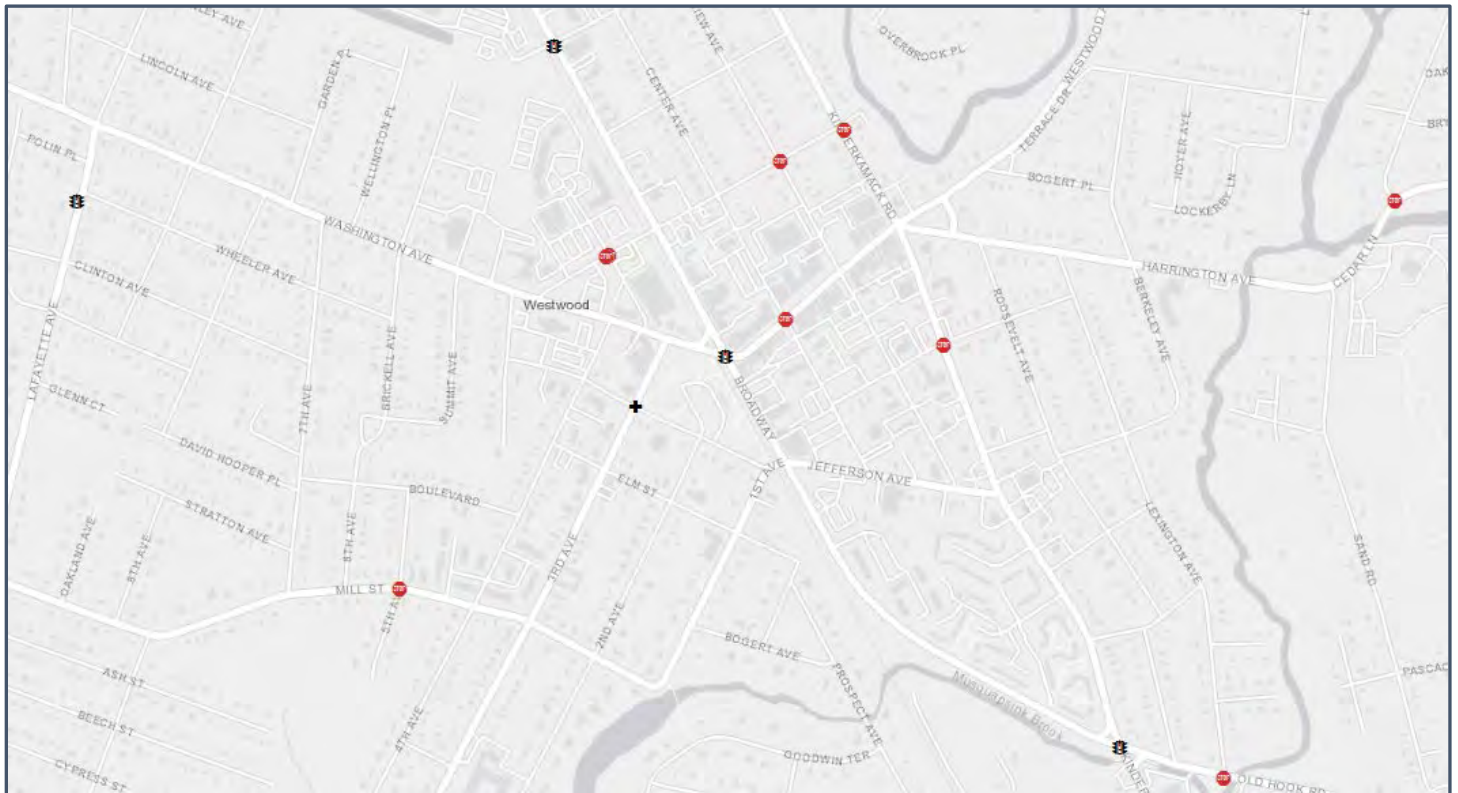
Below are excerpts from tables for Bergen County in Attachment A.

County jurisdiction:

	Municipality	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Alcohol Involved	Hit and Run Accident	Location	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	WESTWOOD BORO	1/23/2017	No Control	Pedestrian	Suspected Serious Injury	County	1	No		BERGEN COUNTY 59	PARK AVE	25	25	East	
2	WESTWOOD BORO	2/21/2018	Stop Control	Pedestrian	Suspected Serious Injury	County	1	No		ROUTE 303	IRVINGTON ST	35	25	North	
3	WESTWOOD BORO	7/24/2019	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	No		ROUTE 302	ROUTE 303 / KINDERKAMACK ST	40	35	South	West
4	WESTWOOD BORO	12/31/2019	Stop Control	Pedestrian	Suspected Serious Injury	County	1	No		ROUTE 302	LEXINGTON AVE	40	25	East	
5	WESTWOOD BORO	8/25/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	No		BERGEN COUNTY 104	LAKE ST	35	25		
6	WESTWOOD BORO	8/26/2020	Stop Control	Opposite Direction (Head On)	Suspected Serious Injury	County	4	No		ROUTE 302	EMERSON RD	40	25		
7	WESTWOOD BORO	10/23/2020	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	No		BERGEN COUNTY 110 I	RIDGEWOOD ROAD	40	35		
8	WESTWOOD BORO	4/19/2022	Stop Control	Right Angle	Suspected Serious Injury	County	2	No		ROUTE 303	BERGEN ST	35	25	South	North
9	WESTWOOD BORO	6/18/2022	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	No		BERGEN COUNTY 104	CR 114 / ROUTE 302 / WASHINGTON AVE	25	30	North	
10	WESTWOOD BORO	6/30/2022	Traffic Signal	Pedalcyclist	Suspected Serious Injury	County	1	No		ROUTE 302	CHARLES ST	40	25	West	
11	WESTWOOD BORO	7/17/2022	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	No		BERGEN COUNTY 104	LAKE ST	35	25	East	South
12	WESTWOOD BORO	10/04/2022	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	No		BERGEN COUNTY 110 I	RIDGEWOOD ROAD	40	35	North	East
13	WESTWOOD BORO	10/11/2022	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	3	No		ROUTE 302	CHARLES ST	40	25	West	South
14	WESTWOOD BORO	10/29/2022	Stop Control	Right Angle	Suspected Serious Injury	County	2	No		BERGEN COUNTY 3114	CENTER AVE	25	25	South	East
15	WESTWOOD BORO	12/2/2022	Stop Control	Right Angle	Suspected Serious Injury	County	2	No		BERGEN COUNTY 3114	CENTER AVE	25	25	East	South

Municipal jurisdiction:

	Municipality	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Alcohol Involved	Hit and Run Accident	Location	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	WESTWOOD BORO	12/18/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	No		IRVINGTON ST **	FAIRVIEW AVE	25	25	South	North
2	WESTWOOD BORO	2/4/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	No		IRVINGTON STREET	MADISON AVENUE	25	25		
3	WESTWOOD BORO	7/2/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	No		IRVINGTON ST **	MADISON AVE	25	25	West	East
4	WESTWOOD BORO	12/7/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	No		IRVINGTON ST **	MADISON AVE	25	25	North	West



This image shows the locations in the ArcGIS shapefiles. There were two locations where two crashes occurred at a stop controlled intersection. This information can be used by the county or municipality for further evaluation of these intersections.

References and Resources for Strategy Selection

Multiple resources are available to help select strategies that can reduce the number of right angle and left-turn crashes. More details on Federal Highway Administration (FHWA) resources are listed below and included as attachments.

1. Intersection Safety Strategies, 2nd Edition (FHWA-SA-15-085) is a brochure that summarizes traffic safety countermeasures for signalized and unsignalized intersections (see attachment B). Strategies are noted as either being low, moderate or high cost.
2. Proven Safety Countermeasure: Systemic Application of Multiple Low-Cost Countermeasures for Stop Controlled Intersections (FHWA-SA-18-047) presents a plan for using multiple low-cost treatments to increase awareness and recognition of intersections (see attachment C).

Recommendations for through and stop approaches include:

- Both Approaches
 - Retroreflective sheeting on signposts
- Through Approaches
 - Doubled up (left and right), oversized advance intersection warning signs, with street name sign plaques
 - Enhanced pavement markings that delineate through lane edge lines
- Stop Approaches
 - Doubled up (left and right), oversized advance “Stop Ahead” intersection warning signs
 - Doubled up (left and right), oversized “Stop” signs
 - The stop bar placed at optimal location
 - Removal of any vegetation, parking, or physical obstruction that limits sight distance
 - Double arrow warning sign at stem of T-intersections

As recommended, an intersection’s signing and markings may look like the following:



3. FHWA’s Proven Safety Countermeasures identifies approaches to reduce crashes at signalized and unsignalized intersections. One-page summaries for six proven countermeasures are included in Attachment D:



- Yellow change intervals
- Retroreflective backplates
- Dedicated left turn and right turn lanes
- Roundabouts
- Lighting
- Road Safety Audits

4. Primer on Intersection Control Evaluation (ICE) (FHWA-SA-18-076) presents a methodology to evaluate intersections and identify improvements and traffic control changes that can improve safety and/or operations (see attachment E). The primer includes links to additional state resources.

As part of the best practice research, a case study and local examples were reviewed for systemic intersection improvements. Additional details on these examples are provided as part of the appendices.

1. South Carolina Case Study: Systematic Intersection Improvements (FHWA-SA-021) reviews the South Carolina DOT's process to systematically improve more than 2,200 intersections (see Attachment F). Treatments deployed at intersections included:

- Signing:
 - Doubled up (left and right) signing
 - Oversized signing with high-intensity fluorescent sheeting
 - Advance Street Name signs (W16-8) on Intersection Warning signs
 - Retroreflective signpost panels
 - Solar-powered, sign-mounted beacons
 - Replacement of additional safety related signs (e.g., Do Not Enter, One Way, etc.) within 500 feet of the intersection
- Pavement Markings:
 - Properly placed stop bars (4'-8' offset and perpendicular to the mainline)
 - Dashed edge lines to delineate the mainline and turn bays and establish points of conflicting traffic
 - Lane arrows and word messages in accordance with standard drawings, general notes and specifications
 - Addition of crosswalks
- Signalized Intersections:
 - One signal head per lane
 - Supplemental nearside sign heads
 - Backplates with retroreflective borders
 - 12" LED signal indications
 - Pedestrian treatments such as push-button indicators and pedestrian countdown signals

2. Attachment G summarizes several safety countermeasures used across New Jersey. One commonly used safety countermeasure is flashing warning beacons on a variety of signage. New Jersey has utilized flashing warning beacons on:

- School Crossing signs
- School Speed Limit signs



- Stop Signs
- Overhead Reduce Speed Limit Signs
- Overhead Stop Ahead Warning Signs
- Overhead Yield Ahead Warning Signs
- Curve Warning Signs
- Pedestrian Warning Signs

Selecting Effective Strategies

In selecting the right strategy to use, considerations should be given to the any circumstances documented in the crash reports (such as dark conditions), the context of the area, and available funding, among others. Also important to consider is the strategies effectiveness, or the ability to reduce crashes. Strategy effectiveness is often presented as a Crash Modification Factor (CMF). The CMF simply documents the proportion of crashes anticipated to be remaining after deploying the strategy. A CMF below 1.0 means crash frequency will reduce while a CMF above 1.0 menas crash frequency will increase.

The following tables summarize effective strategies to mitigate right angle and left-turn crashes at intersections. Strategies are summarized separately for rural and urban intersections. The CMF value are included based on the information provided in FHWA’s [CMF Clearinghouse](#). The CMF Clearinghouse may include numerous studies for the same treatment type. The CMFs in the following tables are representative and shared to provide high-level understanding of the anticipated change in crashes. Additional searching of the CMF Clearinghouse can identify CMFs that are better fits for the specific context of an intersection being evaluated.

Rural Intersections

Strategies	CMF
All-Way Stop/Yield	0.32
Continuous Green T	0.85
J-Turn	0.25
LED Stop Signs/Flashing Beacon Stop Signs	0.58
Median Acceleration Lanes (MALs)	0.60
Offset T-Intersection	0.77
Remove Skew/Realign Intersections	Up to 0.70
Remove left turn or crossover movements on expressways	-
Remove sightline obstructions/maintain vision triangles (vegetation, parking, other)	-
Roundabout	0.49
Streetlights (and approaches)	0.67
Transverse Rumble Strips	0.71
	0.80-0.60
Install offset right turn lane	-
Install positive offset left turn lanes	0.28
Upgrade Signs and Pavement Markings	0.75
Double-up, oversized warning signs and stop signs	-
Retroreflective strips on sign posts	-
Enhances pavement markings, stop bar	-
Oversized regulatory signs	-



Urban Intersections

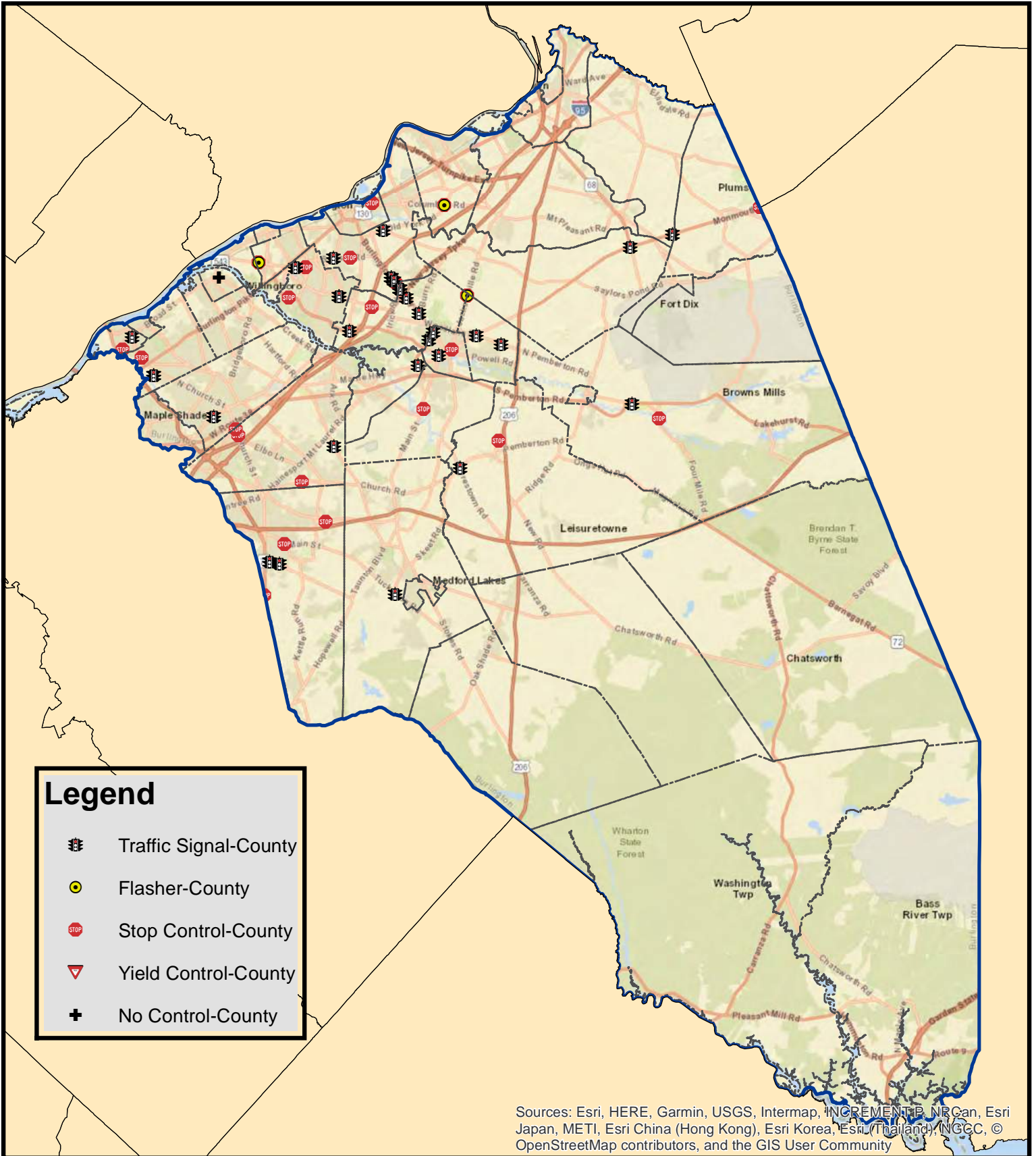
Strategies	CMF
Prohibit U-turn	0.25
Alternative Intersection	-
Echelon	-
Continuous Flow Intersection	0.88
J-Turn	0.78
Roundabout	0.49
Mini Roundabout	0.39
Partial Grade-Separated Intersection	-
Appropriately Timed Yellow Change Intervals	Up to 0.64
Corridor signal timing to reduce high-speed flow	0.89
Flashing Yellow Arrow (FYA)	0.63
Left Turn Calming / Hardened Centerlines	0.31
Reflective Streetlight Backplate	0.85
Remove sightline obstructions/maintain vision triangles (vegetation, parking, other)	-
Traffic calming Design	-
Reduced Lane width	Up to 0.57
Urbanization (street trees, pedestrian-scaled lighting, boulevard, curb, curb extensions, narrow corner radii, and shoulders)	-
Turn Lanes (Offset, Channelized)	0.66
	0.56
¾ Intersection	0.36

ATTACHMENT A – DVRPC

Fatal and Suspected Serious Maps and Tables

Burlington County

Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)



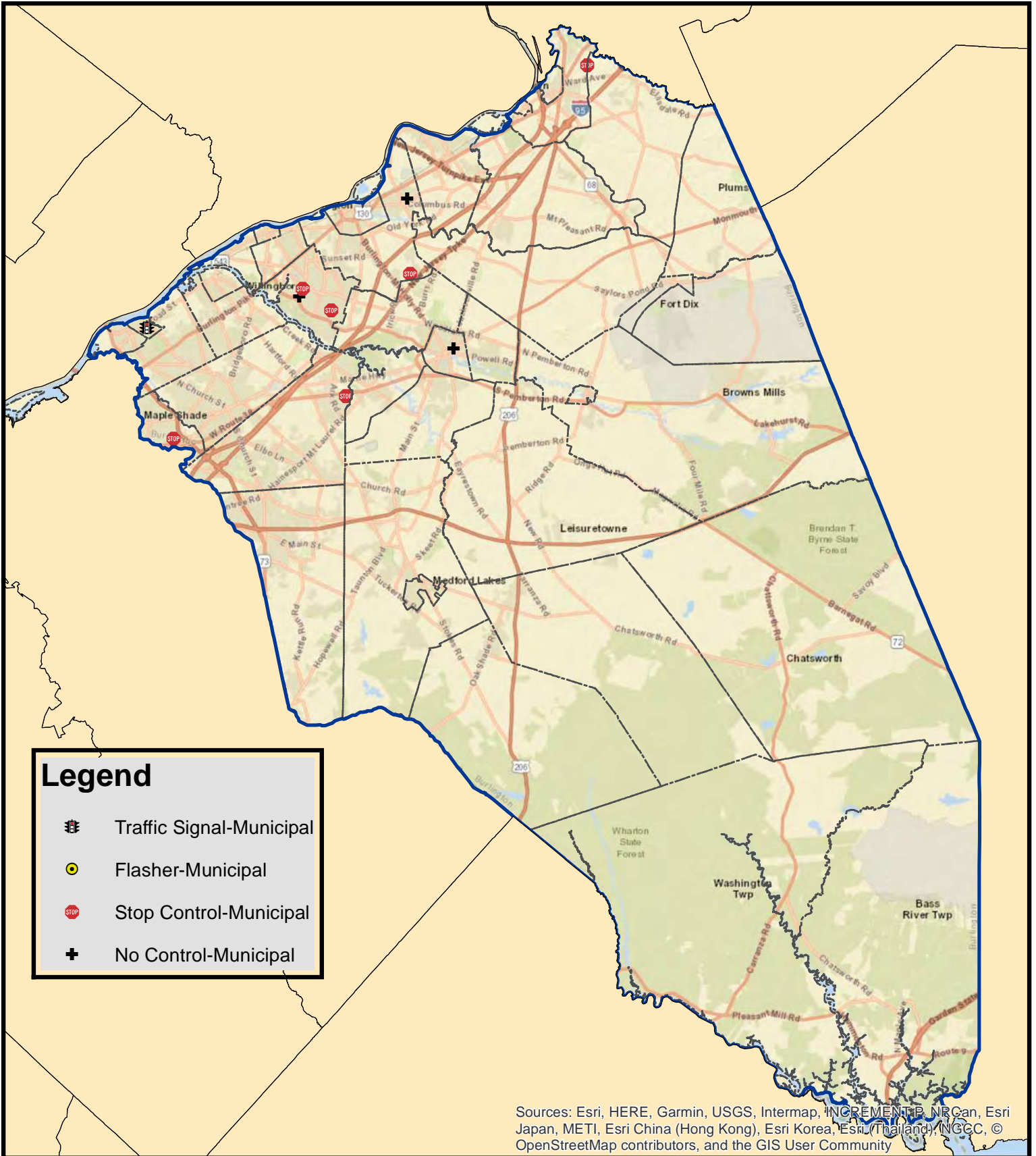
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

**BURLINGTON COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Ht and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	
1	BURLINGTON	EVESHAM TWP	2015	5/29/2015	Stop Control	Right Angle	Fatal Injury	County	2		1	1	0	0	No		Minor Arterial	BURLINGTON COUNTY 618		618	03000618	2.73	Yes	TROTH RD	45	35	North	South	
2	BURLINGTON	LUMBERTON TWP	2015	7/3/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Local	BURLINGTON COUNTY 641	East	641	03000641	7.05	Yes	MUNICIPAL DR	25	25	North	South	
3	BURLINGTON	WILLINGBORO TWP	2015	11/16/2015	Stop Control	Opposite Direction (Sideswipe)	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	BURLINGTON COUNTY 629	West	629	03000629	0.60	Yes	BABBIT LN	40	25	East	North	
4	BURLINGTON	MOUNT HOLLY TWP	2015	11/29/2015	Traffic Signal	Same Direction - Sideswipe	Fatal Injury	County	2		1	0	0	0	Yes		Not a HPMS Reportable Trafficway	BURLINGTON COUNTY 629	North	541	00000541		Yes	PARKER 5 MILL BULEVARD	50	25	North	North	
5	BURLINGTON	MEDFORD TWP	2016	1/25/2016	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Minor Arterial	BURLINGTON COUNTY 620	West	620	03000620	6.14	Yes	JACKSON RD	45	35	East	West	
6	BURLINGTON	MOUNT LAUREL TWP	2016	2/28/2016	Traffic Signal	Right Angle	Fatal Injury	County	2		1	2	0	0	No		Minor Arterial	BURLINGTON COUNTY 686		686	03000686	5.37	Yes	UNION MILL RD	35	35	East	West	
7	BURLINGTON	EASTAMPTON TWP	2016	8/7/2016	Traffic Signal	Right Angle	Fatal Injury	County	2		1	2	0	0	No		Minor Arterial	BURLINGTON COUNTY 630		630	03000630	11.21	Yes	CR 684 / SMITHVILLE RD	45	50	West	North	
8	BURLINGTON	EVESHAM TWP	2016	01/21/2016	Stop Control	Fixed Object	Suspected Serious Injury	County	1		0	1	0	0	No		Minor Arterial	BURLINGTON COUNTY 620		620	03000620	1.13	Yes	KNOW BLVD	35	25	East	East	
9	BURLINGTON	WILLINGBORO TWP	2016	8/17/2016	Traffic Signal	Right Angle	Fatal Injury	County	2		1	1	0	0	No		Minor Arterial	BURLINGTON COUNTY 630	West	630	03000630	4.22	Yes	VAN SCIVER PK	40	40	West	East	
10	BURLINGTON	MOUNT LAUREL TWP	2017	2/23/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	No		Minor Arterial	BURLINGTON COUNTY 606		607	03000607	4.82	Yes	MOYDIN RD	40	35	West	North	
11	BURLINGTON	MOUNT LAUREL TWP	2017	4/25/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	BURLINGTON COUNTY 637		616	03000616	4.84	Yes	BROOKWOOD DR / TRILLIUM DR	50	25	East	West	
12	BURLINGTON	EVESHAM TWP	2017	7/6/2017	Traffic Signal	Right Angle	Fatal Injury	County	2		1	1	0	0	No		Minor Arterial	ROUTE 544	East	544	00000544	11.31	Yes	SAGENORE DR	45	25	South	North	
13	BURLINGTON	PEMBERTON TWP	2017	8/10/2017	Stop Control	Right Angle	Fatal Injury	County	2		1	1	0	0	No		Major Collector	BURLINGTON COUNTY 646	North	646	03000646	4.67	Yes	CR 645 / MT MISERY RD	35	50	North	West	
14	BURLINGTON	NORTH HANOVER TWP	2017	9/5/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	ROUTE 537		537	00000537	12.83	Yes	PROVING LINE RD	50	50	North	South	
15	BURLINGTON	MOUNT LAUREL TWP	2017	9/26/2017	Stop Control	Right Angle	Fatal Injury	County	2		1	0	0	0	No		Minor Arterial	BURLINGTON COUNTY 607		607	03000607	4.55	Yes	COUNTRY LN	40	25	West	North	
16	BURLINGTON	BURLINGTON TWP	2017	10/19/2017	Stop Control	Right Angle	Fatal Injury	County	2		1	1	0	0	No		Minor Arterial	BURLINGTON COUNTY 634		634	03000634	2.30	Yes	BLOOMER DR	45	25	West	East	
17	BURLINGTON	WILLINGBORO TWP	2018	3/23/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Not a HPMS Reportable Trafficway	BURLINGTON COUNTY 626	West	626	03000626	2.93	Yes	PRIMROSE LN	40	25	West	East	
18	BURLINGTON	MOUNT HOLLY TWP	2018	3/27/2018	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	No		Not a HPMS Reportable Trafficway	BURLINGTON COUNTY 695		695	03000695	1.58	Yes	CR 626 / FRANCISAS RD	50	40	North	North	
19	BURLINGTON	PALMYRA BORO	2019	2/25/2019	Stop Control	Fixed Object	Suspected Serious Injury	County	1		0	2	0	0	Yes		Local	BURLINGTON COUNTY 601		601	03000601	0.00	Yes	ROUTE 543 / RIVER RD	25	25	South	South	
20	BURLINGTON	WILLINGBORO TWP	2019	5/20/2019	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	1	0	1	0	No		Minor Arterial	BURLINGTON COUNTY 630	East	630	03000630	4.22	Yes	VAN SCIVER PK	40	40	West	West	
21	BURLINGTON	REVERDE TWP	2019	6/31/2019	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	No		Minor Arterial	BURLINGTON COUNTY 613		613	03000613	5.11	Yes	BRIDGEBORO RD / CLAY ST	25	25	East	East	
22	BURLINGTON	WILLINGBORO TWP	2019	6/22/2019	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2		0	1	0	0	Yes		Minor Arterial	BURLINGTON COUNTY 630	West	630	03000630	3.79	Yes	CR 645 / SUNSET RD	40	40	West	South	
23	BURLINGTON	PEMBERTON TWP	2019	8/12/2019	Traffic Signal	Fixed Object	Suspected Serious Injury	County	1		0	1	0	0	Yes		Principal Arterial - Other	ROUTE 530	East	530	00000530	5.09	Yes	ACADEMIC DR	50	25	South	South	
24	BURLINGTON	WESTAMPTON TWP	2019	8/19/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Principal Arterial - Other	ROUTE 541	North	541	00000541	20.52	Yes	CR 637 / RICKX RD	50	50	North	West	
25	BURLINGTON	EASTAMPTON TWP	2019	11/14/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	5	0	0	No		Minor Arterial	ROUTE 537	South	537	00000537	20.38	Yes	CR 630 / FRANKLIN RD / WOODLANE RD	40	40	East	South	
26	BURLINGTON	WESTAMPTON TWP	2019	11/26/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Principal Arterial - Other	BURLINGTON COUNTY 626	East	626	03000626	5.83	Yes	CR 635 / HIGHLAND CR	45	45	East	South	
27	BURLINGTON	SOUTHAMPTON TWP	2019	12/24/2019	Traffic Signal	Right Angle	Fatal Injury	County	2		1	2	0	0	No		Major Collector	BURLINGTON COUNTY 626	West	626	03000626	11.49	Yes	EATERTOWN DR	50	40	West	North	
28	BURLINGTON	EDGEWATER PARK TWP	2019	12/28/2019	Flashing/Warning	Right Angle	Fatal Injury	County	2		1	0	0	0	No		Major Collector	BURLINGTON COUNTY 624		624	03000624	1.39	Yes	PINKINS LN	40	25	East	South	
29	BURLINGTON	FURBERG TWP	2020	1/8/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Major Collector	ROUTE 543	South	543	00000543	20.75	Yes	CR 660 / OLD YORK RD	45	45	East	East	
30	BURLINGTON	WESTAMPTON TWP	2020	1/23/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Principal Arterial - Other	ROUTE 541	South	541	00000541	19.31	Yes	CR 638 / BURNS RD	50	45	North	North	
31	BURLINGTON	MOORESTOWN TWP	2020	7/16/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	BURLINGTON COUNTY 611		611	03000611	0.99	Yes	PLEASANT VALLEY AVE	35	35	South	South	
32	BURLINGTON	PALMYRA BORO	2020	7/30/2020	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	1	0	1	0	No		Principal Arterial - Other	ROUTE 543		543	00000543	6.96	Yes	CR 607 / CINNAMONSON AVE	30	30	South	South	
33	BURLINGTON	WESTAMPTON TWP	2020	8/8/2020	Stop Control	Fixed Object	Suspected Serious Injury	County	1		0	1	0	0	Yes		Minor Arterial	BURLINGTON COUNTY 630		630	03000630	5.59	Yes	ROSELVAE	50	25	North	North	
34	BURLINGTON	BURLINGTON TWP	2020	8/22/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Principal Arterial - Other	ROUTE 541	South	541	00000541	21.30	Yes	ELBOW LN	50	45	North	North	
35	BURLINGTON	CHESTERFIELD TWP	2020	9/5/2020	Traffic Signal	Right Angle	Fatal Injury	County	2		1	1	0	0	No		Minor Arterial	ROUTE 537	West	537	00000537	29.21	Yes	WRIGHTSTOWN SYKESVILLE RD	50	50	West	West	
36	BURLINGTON	EVESHAM TWP	2020	10/21/2020	Traffic Signal	Right Angle	Fatal Injury	County	2		1	1	0	0	No		Minor Arterial	ROUTE 544		544	00000544	11.75	Yes	EVANS RD	45	25	East	West	
37	BURLINGTON	BURLINGTON TWP	2020	12/7/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Principal Arterial - Other	ROUTE 541		541	00000541	20.81	Yes	WEDEWOOD DRIVE	45	35	North	North	
38	BURLINGTON	HANESPORT TWP	2021	1/20/2021	Traffic Signal	Left Turn/All Turn	Suspected Serious Injury	County	2		0	2	0	0	No		Principal Arterial - Other	ROUTE 541	South	541	00000541	16.82	Yes	ROUTE 537 / MARNE HIGHWAY	50	45	North	North	
39	BURLINGTON	SOUTHAMPTON TWP	2021	1/23/2021	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	Yes		Major Collector	BURLINGTON COUNTY 681	North	681	03000681	1.50	Yes	NEWBOLDS CORNER RD	50	45	North	North	
40	BURLINGTON	WESTAMPTON TWP	2021	1/24/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	No		Principal Arterial - Other	ROUTE 541	North	541	00000541	20.10	Yes	HANCOCK LN	50	45	North	North	
41	BURLINGTON	BURLINGTON CITY	2021	2/9/2021	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Major Collector	BURLINGTON COUNTY 657	West	657	03000657	0.36	Yes	JONES ST	25	25	North	North	
42	BURLINGTON	BURLINGTON TWP	2021	3/26/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County	3		0	2	0	0	No		Principal Arterial - Other	ROUTE 541	South	541	00000541	20.92	Yes	BROMLEY BLVD	50	35	North	North	
43	BURLINGTON	MOUNT HOLLY TWP	2021	5/4/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Minor Arterial	BURLINGTON COUNTY 693	South	693	03000693	2.81	Yes	ROUTE 541	35	40	North	North	
44	BURLINGTON	BURLINGTON TWP	2021	10/22/2021	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2		0	1	0	0	No		Major Collector	BURLINGTON COUNTY 670		670	03000670	1.03	Yes	CR 660 / FOUNTAIN WOODS RD / OLD YD	45	40	North	North	
45	BURLINGTON	MOUNT HOLLY TWP	2021	11/8/2021	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	BURLINGTON COUNTY 617	West	617	03000617	0.00	Yes	MT HOLLY AVE	30	25	West	North	
46	BURLINGTON	BURLINGTON TWP	2021	11/16/2021	Traffic Signal	Pedacyclist	Suspected Serious Injury	County	2		1	0	1	0	0	No		Principal Arterial - Other	ROUTE 541	North	541	00000541	21.10	Yes	ELBOW LN	50	45	North	North
47	BURLINGTON	CINNAMONSON TWP	2021	12/1/2021	Stop Control	Fixed Object	Suspected Serious Injury	County	1		0	2	0	0	Yes		Minor Arterial	BURLINGTON COUNTY 607	East	607	03000607	9.69	Yes	VALLINGER AVE	35</				

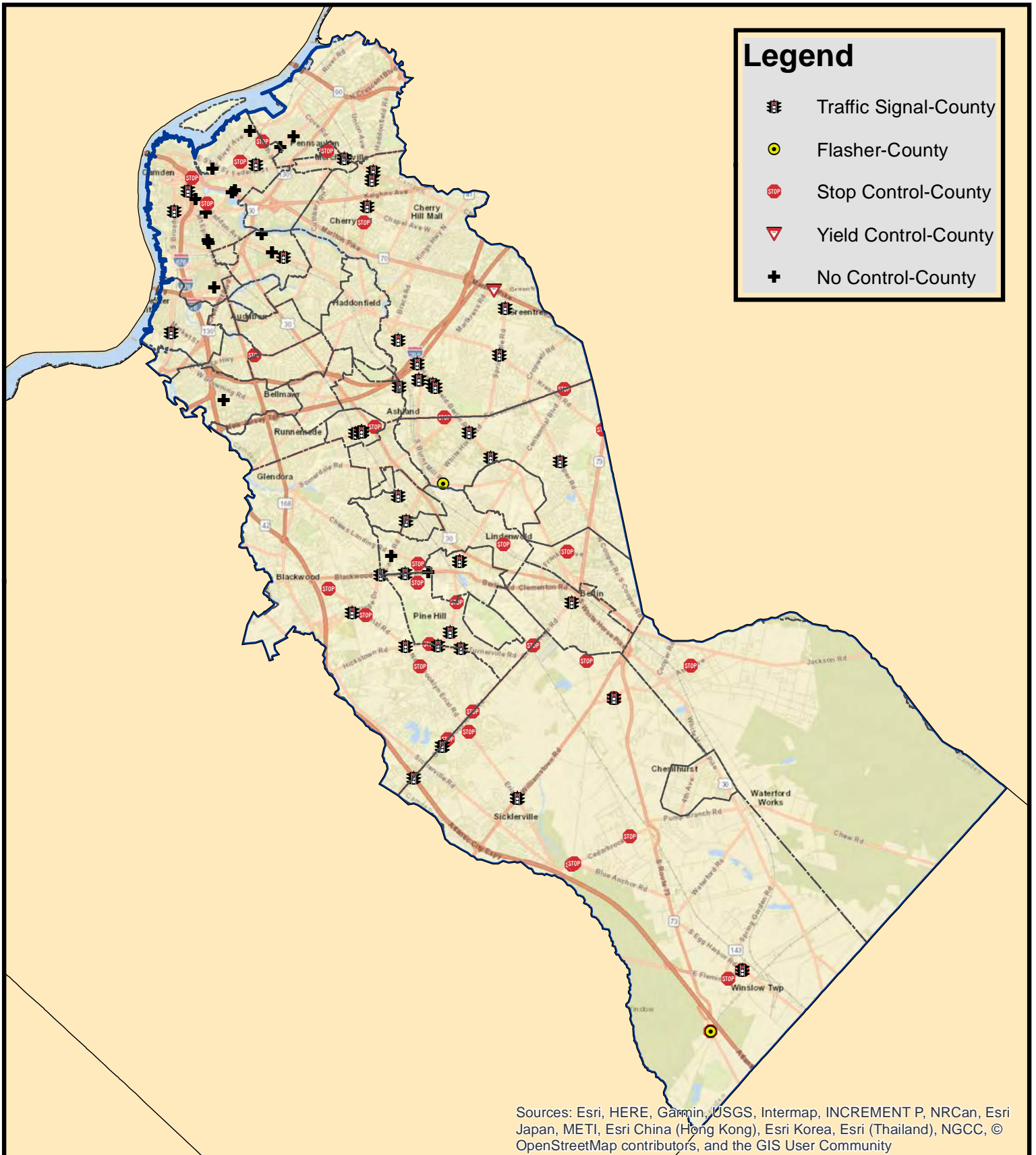
Burlington County

Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)








Camden County

Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)



Legend

-  Traffic Signal-County
-  Flasher-County
-  Stop Control-County
-  Yield Control-County
-  No Control-County

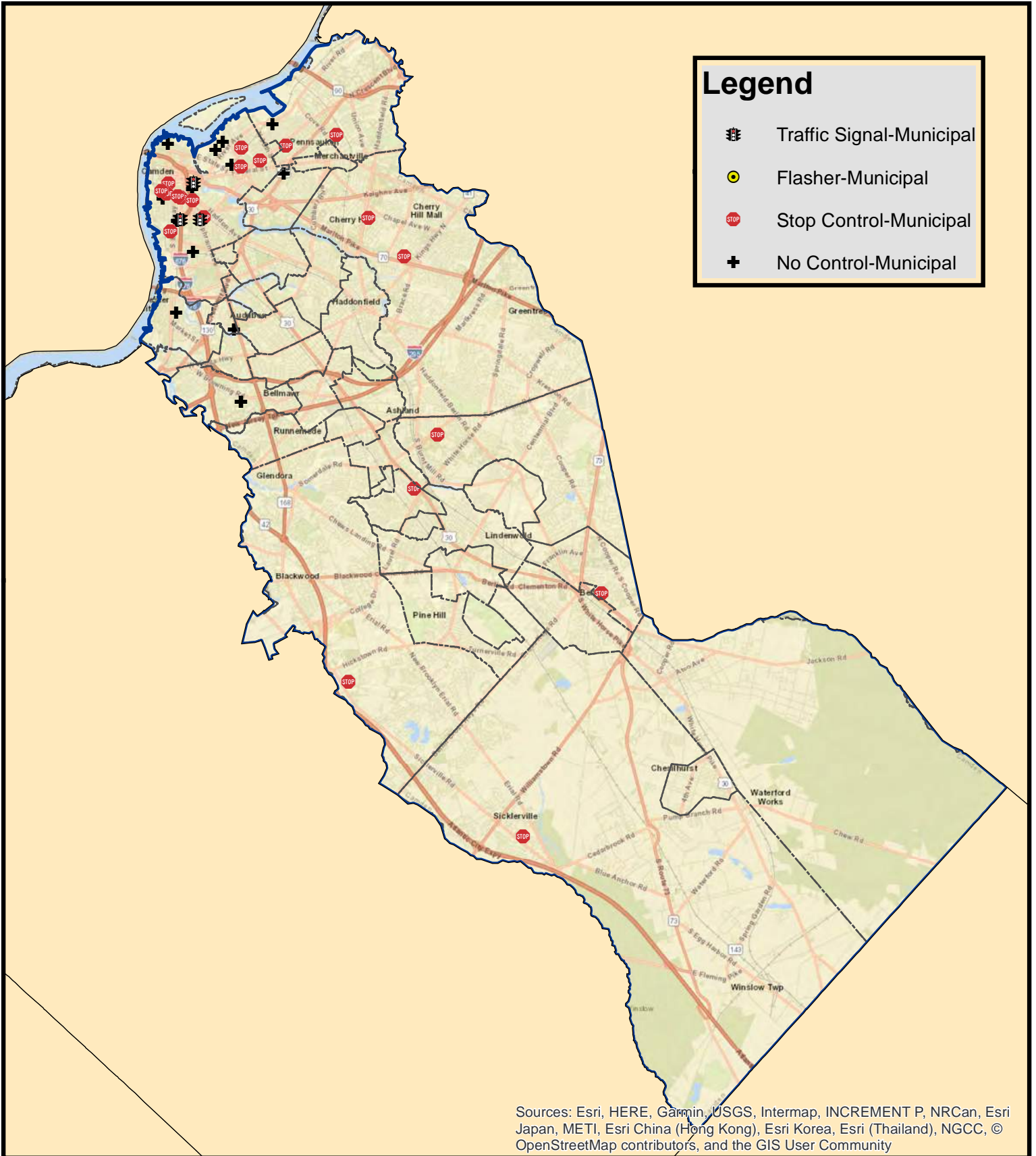
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CAMDEN COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS

County	Municipality	Year	Occurrence Date	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	CAMDEN	WINSLOW TWP	2015	1/13/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No	Minor Arterial	CR 73	West	73	0000073	5.64	Yes	CR 725 / ABERSTON RD / PINEY HOLLOW	50	50	West	East
2	CAMDEN	CAMDEN CITY	2015	2/21/2015	No Control	Opposite Direction (Head On)	Suspected Serious Injury	County	2	0	1	0	0	0	No	Minor Arterial	CAMDEN COUNTY 606	West	606	0400068	0.60	Yes	US 30	25	45	East	North
3	CAMDEN	LINDENWOOD BORO	2015	4/6/2015	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	1	0	0	0	No	Principal Arterial - Other	ROUTE 534	West	534	0000534	6.15	Yes	CR 673/ COLLEGE DR/ LAUREL AVE/ LITTLE ROCK RD	40	25	South	West
4	CAMDEN	PENNSAUKEN TWP	2015	6/2/2015	No Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No	Minor Arterial	ROUTE 564	West	564	0000564	4.99	Yes	CR 701 / ACTIVITY DR/ HAYES MILL RD	25	25	West	East
5	CAMDEN	PENNSAUKEN TWP	2015	6/29/2015	No Control	Struck Parked Vehicle	Suspected Serious Injury	County	3	0	1	0	0	0	No	Minor Arterial	CAMDEN COUNTY 610	West	610	0400010	1.12	Yes	CR 612 / BROWNING RD	25	25	South	East
6	CAMDEN	CHEERY HILL TWP	2015	6/19/2015	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	3	0	3	0	0	0	No	Principal Arterial - Other	ROUTE 563	South	563	0000563	42.76	Yes	MORRIS DR	40	25	East	West
7	CAMDEN	BERLIN BORO	2015	6/22/2015	Traffic Signal	Left Turn/U Turn	Fatal Injury	County	2	1	1	0	0	0	No	Principal Arterial - Other	CAMDEN COUNTY 689	South	689	0400689	6.38	Yes	CR 762 / FANK DR	0	35	North	East
8	CAMDEN	VOORHIES TWP	2015	9/13/2015	Stop Control	Left Turn/U Turn	Suspected Serious Injury	County	3	0	2	0	0	0	No	Principal Arterial - Other	ROUTE 544	West	544	0000544	9.11	Yes	CLINTONVILLE RD	40	25	West	South
9	CAMDEN	WINSLOW TWP	2015	9/16/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	No	Minor Arterial	CR 73	South	73	0000073	5.64	Yes	CR 725 / ABERSTON RD / PINEY HOLLOW	30	50	South	East
10	CAMDEN	MAGNOLIA BORO	2015	10/7/2015	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	No	Principal Arterial - Other	ROUTE 544	East	544	0000544	4.99	Yes	CR 669 / WARWICK RD	35	25	West	East
11	CAMDEN	MAGNOLIA BORO	2015	10/7/2015	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	3	0	0	0	No	Principal Arterial - Other	ROUTE 544	East	544	0000544	4.99	Yes	CR 669 / WARWICK RD	35	25	West	East
12	CAMDEN	VOORHIES TWP	2015	10/9/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	5	0	0	0	No	Principal Arterial - Other	ROUTE 544	East	544	0000544	7.06	Yes	SIXSEX AVE	40	25	East	West
13	CAMDEN	CHEERY HILL TWP	2016	2/18/2016	Traffic Signal	Left Turn/U Turn	Fatal Injury	County	2	1	0	0	0	0	No	Minor Arterial	CAMDEN COUNTY 667	West	667	0400667	1.04	Yes	ESSEX AVE	40	25	West	South
14	CAMDEN	GLUCESTER TWP	2016	2/21/2016	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	1	0	0	0	No	Minor Arterial	CAMDEN COUNTY 673	West	673	0400673	1.15	Yes	CR 719	35	35	East	West
15	CAMDEN	COLLINGSWOOD BORO	2016	3/2/2016	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	0	0	0	No	Principal Arterial - Other	ROUTE 563	West	563	0000563	47.92	Yes	W RINGLET AVE	25	25	West	East
16	CAMDEN	WINSLOW TWP	2016	3/9/2016	Stop Control	Right Angle	Fatal Injury	County	2	1	1	0	0	0	No	Minor Arterial	CAMDEN COUNTY 720	West	720	0400720	2.51	Yes	CR 691 / WATSONTOWN-NEW FREEDOM RD	45	50	South	North
17	CAMDEN	CAMDEN CITY	2016	3/23/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No	Not a HPMS Reportable Trafficway	CAMDEN COUNTY 740	East	740	0400740	0.00	Yes	EMPIRE STREET	25	25	North	South
18	CAMDEN	WINSLOW TWP	2016	4/6/2016	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No	Principal Arterial - Other	CAMDEN COUNTY 689	North	689	0400689	6.02	Yes	ATLANTIC CITY EXPRESSWAY	45	25	North	South
19	CAMDEN	CAMDEN CITY	2017	1/23/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	No	Minor Arterial	CAMDEN COUNTY 610	West	610	0400610	0.98	Yes	DUDLEY ST	25	25	East	West
20	CAMDEN	MAGNOLIA BORO	2017	2/7/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	0	1	0	0	0	No	Principal Arterial - Other	ROUTE 544	East	544	0000544	4.99	Yes	CR 669 / WARWICK RD	35	25	South	East
21	CAMDEN	MAGNOLIA BORO	2017	2/12/2017	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No	Principal Arterial - Other	ROUTE 544	East	544	0000544	4.99	Yes	CR 669 / WARWICK RD	35	25	South	East
22	CAMDEN	CHEERY HILL TWP	2017	2/25/2017	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	2	0	0	0	No	Principal Arterial - Other	CAMDEN COUNTY 686	South	686	0400686	0.28	Yes	CR 693 / WHITE HORSE AVE	35	35	East	West
23	CAMDEN	CHEERY HILL TWP	2017	3/21/2017	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	No	Principal Arterial - Other	ROUTE 563	West	563	0000563	41.38	Yes	CR 670 / BRADWAY LN / BURN MILL R	40	35	West	North
24	CAMDEN	LINDENWOOD BORO	2017	3/30/2017	No Control	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	No	Minor Arterial	CAMDEN COUNTY 673	West	673	0400673	0.00	Yes	STATION AVE	25	25	North	West
25	CAMDEN	MAGNOLIA BORO	2017	4/2/2017	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No	Principal Arterial - Other	ROUTE 544	West	544	0000544	4.99	Yes	CR 762 / WARWICK RD	40	25	West	East
26	CAMDEN	VOORHIES TWP	2017	4/26/2017	Flasher/Warning	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	No	Not a HPMS Reportable Trafficway	CAMDEN COUNTY 700	South	700	0400700	0.00	Yes	KIRKWOOD GIBBSBORO RD	30	35	East	West
27	CAMDEN	GLUCESTER TWP	2017	6/6/2017	Stop Control	Right Angle	Fatal Injury	County	2	1	1	0	0	0	No	Minor Arterial	CAMDEN COUNTY 674	West	704	0400704	4.79	Yes	CR 726 / ERIAL RD	35	25	South	East
28	CAMDEN	CHEERY HILL TWP	2017	6/20/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	No	Principal Arterial - Other	CAMDEN COUNTY 644	West	644	0400644	2.39	Yes	HOLLIS AVE	45	25	West	North
29	CAMDEN	PENNSAUKEN TWP	2017	7/21/2017	Traffic Signal	Fixed Object	Suspected Serious Injury	County	1	1	0	0	1	0	No	Minor Arterial	ROUTE 536	West	536	0400536	0.16	Yes	CR 720 / BUCKLEY RD	40	40	North	West
30	CAMDEN	MERCANTILE BORO	2017	7/23/2017	Stop Control	Right Angle	Fatal Injury	County	2	1	2	0	0	0	No	Minor Arterial	CAMDEN COUNTY 622	West	622	0400622	0.46	Yes	E WALNUT AVE / W WALNUT LN	25	25	West	North
31	CAMDEN	MERCANTILE BORO	2017	10/28/2017	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	1	0	0	0	No	Minor Arterial	ROUTE 537	East	537	0000537	4.80	Yes	CR 616 / CHURCH RD / LOVEY RD / S	30	25	West	South
32	CAMDEN	GLUCESTER TWP	2017	10/29/2017	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	1	0	0	0	No	Minor Arterial	CAMDEN COUNTY 688	West	688	0400688	1.93	Yes	CR 726 / ERIAL RD	45	45	East	North
33	CAMDEN	GLUCESTER TWP	2017	12/28/2017	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No	Principal Arterial - Other	ROUTE 544	West	544	0000544	4.99	Yes	CR 669 / WARWICK RD	35	25	West	East
34	CAMDEN	MAGNOLIA BORO	2018	1/3/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No	Not a HPMS Reportable Trafficway	CAMDEN COUNTY 689	East	689	0400689	2.79	Yes	KEARSEY RD	45	35	South	North
35	CAMDEN	MAGNOLIA BORO	2018	1/3/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 544	South	544	0000544	4.99	Yes	LANEWOOD AVE	35	25	East	West
36	CAMDEN	PINE HILL BORO	2018	1/26/2018	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	0	0	No	Not a HPMS Reportable Trafficway	CAMDEN COUNTY 700	West	700	0400700	0.66	Yes	CR 688 / HICKSTON RD	40	40	North	West
37	CAMDEN	CAMDEN CITY	2018	4/8/2018	No Control	Left Turn/U Turn	Fatal Injury	County	2	0	0	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 543	East	543	0000543	0.25	Yes	MONO STREET	25	25	South	West
38	CAMDEN	MAGNOLIA BORO	2018	5/12/2018	No Control	Right Angle	Suspected Serious Injury	County	2	0	3	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 544	West	544	0000544	5.33	Yes	LAKEWOOD AVE	35	25	West	East
39	CAMDEN	CAMDEN CITY	2018	5/13/2018	No Control	Same Direction - Rear End	Suspected Serious Injury	County	3	0	2	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 543	North	543	0000543	1.56	Yes	CR 644 / ADDONVILLE RD	35	25	North	South
40	CAMDEN	VOORHIES TWP	2018	6/25/2018	Traffic Signal	Left Turn/U Turn	Fatal Injury	County	2	1	1	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 563	West	563	0000563	41.29	Yes	CR 673 / WHITE HORSE AVE	40	35	North	South
41	CAMDEN	CHEERY HILL TWP	2018	7/2/2018	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	1	0	0	0	No	Minor Arterial	CAMDEN COUNTY 616	West	616	0400616	2.57	Yes	CR 644 / ADDONVILLE RD	35	45	South	North
42	CAMDEN	MAGNOLIA BORO	2018	8/16/2018	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No	Not a HPMS Reportable Trafficway	CAMDEN COUNTY 669	South	669	0400669	3.42	Yes	ROUTE 544 / E VESPAHAY AVE	35	25	East	West
43	CAMDEN	BELLMAWR BORO	2018	8/24/2018	Stop Control	Right Angle	Suspected Serious Injury	County	1	1	0	0	0	0	No	Principal Arterial - Other	CAMDEN COUNTY 686	South	686	0400686	0.28	Yes	CR 693 / WHITE HORSE AVE	35	35	East	West
44	CAMDEN	BELLMAWR BORO	2018	9/28/2018	No Control	Fixed Object	Suspected Serious Injury	County	2	0	1	0	0	0	Yes	Not a HPMS Reportable Trafficway	CAMDEN COUNTY 753	East	753	0400753	1.89	Yes	KINGSTON AVE	25	25	South	North
45	CAMDEN	COLLINGSWOOD BORO	2018	10/23/2018	No Control	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	No	Minor Arterial	CAMDEN COUNTY 629	West	629	0400629	0.34	Yes	CR 612 / BROWNING AVE	25	25	West	East
46	CAMDEN	PINE HILL BORO	2018	11/14/2018	Stop Control	Fixed Object	Suspected Serious Injury	County	1	0	1	0	0	0	Yes	Minor Arterial	CAMDEN COUNTY 688	West	688	0400688	2.52	Yes	PORTER AVE	40	25	North	South
47	CAMDEN	CHEERY HILL TWP	2018	12/4/2018	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	1	2	0	0	0	No	Minor Arterial	CAMDEN COUNTY 706	East	706	0400706	8.91	Yes	DOUGLASS AVE / WOODLAND RD	35</			

Camden County

Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

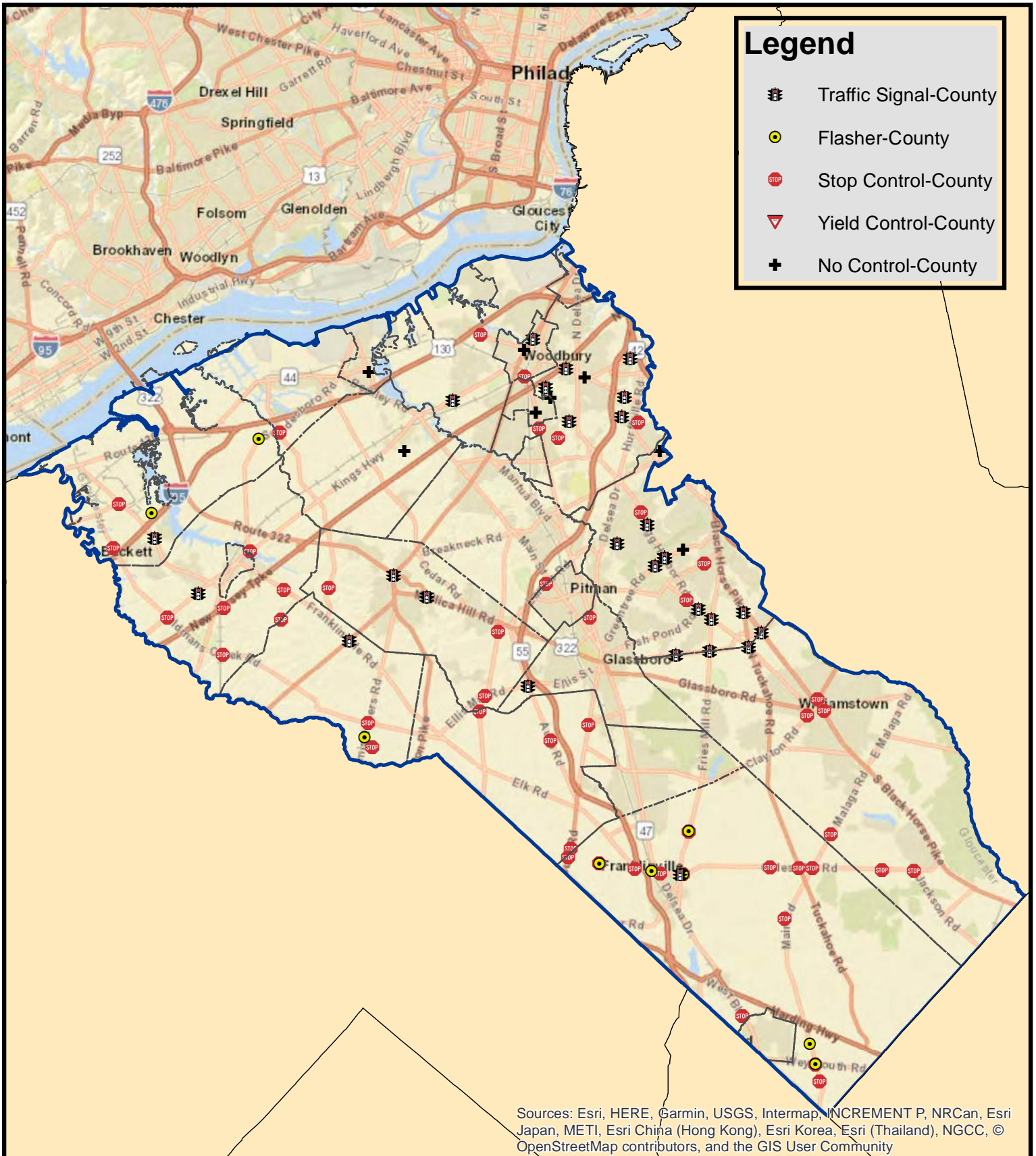
**CAMDEN COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	CAMDEN	BELLMAWN BORO	2020	12/11/2020	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	Yes		Local	WALNUT AVE **	West		04041056	0.17	Yes	N 168 / BLACK HORSE PIKE	25	40		
2	CAMDEN	BELLMAWN BORO	2020	12/11/2020	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	Yes		Local	WALNUT AVE **	West		04041056	0.17	Yes	N 168 / BLACK HORSE PIKE	25	40		
3	CAMDEN	BERLIN TWP	2020	7/32/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Not a HPMS Reportable Trafficway	TAUNTON AVE **	North				Yes	CLOVER AVE	35	35		
4	CAMDEN	CAMDEN CITY	2015	6/10/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Not a HPMS Reportable Trafficway	S 4 TH STREET			04081604	1.64	Yes	RIVINGTON STREET	25	25	West	East
5	CAMDEN	CAMDEN CITY	2015	7/12/2015	Stop Control	Right Angle	Fatal Injury	Municipal	2		1	4	0	0	No		Major Collector	S 4 TH ST			04081604	1.64	Yes	STEVENS STREET	25	25	West	East
6	CAMDEN	CAMDEN CITY	2015	9/19/2015	No Control	Fatal Object	Fatal Injury	Municipal	1		1	0	0	0	No		Minor Collector	PINE ST			04081606	0.13	Yes	S 3RD STREET	25	25	East	
7	CAMDEN	CAMDEN CITY	2015	10/8/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	Yes		Not a HPMS Reportable Trafficway	MT EPHRAIM AVE					Yes	ATLANTIC AVE	35	35	East	
8	CAMDEN	CAMDEN CITY	2016	5/29/2016	No Control	Fatal Object	Suspected Serious Injury	Municipal	1		0	2	0	0	Yes		Not a HPMS Reportable Trafficway	30TH ST					Yes	MOUNT EPHRAIM AVE	25	25	West	
9	CAMDEN	CAMDEN CITY	2016	4/25/2016	Stop Control	Pedestrian	Fatal Injury	Municipal	1	1	1	0	1	0	No	1	Not a HPMS Reportable Trafficway	S 7TH ST	North				Yes	NEWTON AVE	25	25	North	
10	CAMDEN	CAMDEN CITY	2016	7/15/2016	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	4	0	0	No		Not a HPMS Reportable Trafficway	MT EPHRAIM AVENUE					Yes	PINE STREET	25	25	East	West
11	CAMDEN	CAMDEN CITY	2016	7/17/2016	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No	1	Not a HPMS Reportable Trafficway	TWENTY SIXTH STREET					Yes	HIGH STREET	25	25	West	North
12	CAMDEN	CAMDEN CITY	2016	10/30/2016	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No		Not a HPMS Reportable Trafficway	ATLANTIC AVE					Yes	S. 6TH STREET	25	25	West	
13	CAMDEN	CAMDEN CITY	2016	11/24/2016	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Not a HPMS Reportable Trafficway	SIXTH STREET					Yes	CLINTON ST	25	25	South	North
14	CAMDEN	CAMDEN CITY	2016	11/23/2016	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Not a HPMS Reportable Trafficway	S 3 RD ST	South				Yes	CLINTON ST	25	25	South	East
15	CAMDEN	CAMDEN CITY	2018	3/31/2018	No Control	Fatal Object	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Not a HPMS Reportable Trafficway	PIERCE AVENUE	East				Yes	N 22ND STREET	25	25	South	
16	CAMDEN	CAMDEN CITY	2018	5/11/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Not a HPMS Reportable Trafficway	ATLANTIC AVENUE	West				Yes	ROSE STREET	25	25	West	East
17	CAMDEN	CAMDEN CITY	2018	5/28/2018	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	No		Not a HPMS Reportable Trafficway	HOWELL	North				Yes	22ND	25	25	North	East
18	CAMDEN	CAMDEN CITY	2018	6/17/2018	Stop Control	Overturned	Fatal Injury	Municipal	1		1	0	0	0	No		Not a HPMS Reportable Trafficway	N. 32ND ST	South				Yes	WESTFIELD AVENUE	25	25	East	
19	CAMDEN	CAMDEN CITY	2018	6/17/2018	No Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No	2	Not a HPMS Reportable Trafficway	9TH ST	South				Yes	BILSON STREET	25	25	East	South
20	CAMDEN	CAMDEN CITY	2018	6/24/2018	No Control	Right Angle	Fatal Injury	Municipal	2		1	4	0	0	No		Not a HPMS Reportable Trafficway	TWENTY SIXTH ST	North				Yes	PIERCE ST	25	25	North	West
21	CAMDEN	CAMDEN CITY	2018	7/13/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Not a HPMS Reportable Trafficway	FOURTH STREET					Yes	JACKSON STREET	25	25	South	East
22	CAMDEN	CAMDEN CITY	2018	12/15/2018	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1	0	1	0	1	Yes		Local	13TH ST **	South		04081643	0.43	Yes	NEWTON AVE	25	25	East	
23	CAMDEN	CAMDEN CITY	2019	6/3/2019	No Control	Right Angle	Fatal Injury	Municipal	2		1	0	0	0	No		Major Collector	N 2ND ST	West		04081589	0.14	Yes	ERIE ST	25	25	West	East
24	CAMDEN	CAMDEN CITY	2019	9/5/2019	Stop Control	Right Angle	Fatal Injury	Municipal	2		1	3	0	0	No		Major Collector	CLEVELAND AVE	North		04081622	0.53	Yes	N 29TH ST	25	25	West	North
25	CAMDEN	CAMDEN CITY	2019	9/28/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No	2	Not a HPMS Reportable Trafficway	N 31ST ST **	South				Yes	SAUNDERS STREET	25	25	South	East
26	CAMDEN	CAMDEN CITY	2020	1/15/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No		Not a HPMS Reportable Trafficway	N 8TH ST **	East				Yes	MORGAN STREET	25	25	South	
27	CAMDEN	CAMDEN CITY	2020	10/27/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	3	0	1	No		Major Collector	ATLANTIC AVE	West		04081580	0.65	Yes	S 7TH ST	25	25	West	
28	CAMDEN	CAMDEN CITY	2021	7/30/2021	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1	1	0	1	0	No	1	Major Collector	ATLANTIC AVE	South		04081580	0.65	Yes	S 7TH ST	25	25	West	East
29	CAMDEN	CHERRY HILL TWP	2017	7/7/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Not a HPMS Reportable Trafficway	MARTIN AVE	West				Yes	MERCER ST	25	25	West	
30	CAMDEN	CHERRY HILL TWP	2017	12/7/2017	Stop Control	Fatal Object	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Not a HPMS Reportable Trafficway	OLD ORCHARD ROAD	East				Yes	SHREEVE LANE	25	25	South	
31	CAMDEN	CHERRY HILL TWP	2020	10/28/2020	Stop Control	Fatal Object	Suspected Serious Injury	Municipal	1		0	2	0	0	Yes		Local	MAINE AVE **	East		04091086	0.11	Yes	PENNSYLVANIA AVE	25	25	West	
32	CAMDEN	GLOUCESTER CITY	2020	8/17/2020	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No		Local	BIRCHEN ST **	West		04141007	0.18	Yes	SUSSEX ST	25	25	West	
33	CAMDEN	GLOUCESTER CITY	2019	8/30/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Major Collector	GARWOOD RD	West		04131010	0.18	Yes	RANDOLPH DR	35	25	North	South
34	CAMDEN	HADDON TWP	2020	8/10/2020	No Control	Fatal Object	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Local	MAIN ST **	East		04161019	0.06	Yes	LAKE DR	25	25	West	
35	CAMDEN	PENNSAUKEN TWP	2015	7/16/2015	No Control	Fatal Object	Suspected Serious Injury	Municipal	1		0	1	0	0	Yes		Not a HPMS Reportable Trafficway	TERRACE AVE	East				Yes	STATE HIGHWAY 130	25	40	North	
36	CAMDEN	PENNSAUKEN TWP	2016	7/15/2016	No Control	Fatal Object	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Not a HPMS Reportable Trafficway	SHARON TERRACE	West				Yes	CORBET AVE	25	25	West	
37	CAMDEN	PENNSAUKEN TWP	2017	5/24/2017	Stop Control	Fatal Object	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Not a HPMS Reportable Trafficway	RODGERS AVE	North				Yes	SHERMAN AVE	25	25	North	
38	CAMDEN	PENNSAUKEN TWP	2019	11/3/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	Yes		Not a HPMS Reportable Trafficway	CAMDEN AVE **	West				Yes	46TH ST	25	25	West	East
39	CAMDEN	SOMERDALE BORO	2017	12/4/2017	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No		Not a HPMS Reportable Trafficway	HARVARD AVE	West				Yes	SOUTH WHITE HORSE PIKE	25	40	West	
40	CAMDEN	VOORHIES TWP	2019	11/27/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Not a HPMS Reportable Trafficway	ECHOLON RD	North				Yes	RIKORDE RD	30	25	North	West
41	CAMDEN	WINDLOW TWP	2020	4/22/2020	Stop Control	Overturned	Suspected Serious Injury	Municipal	1		0	2	0	0	No		Not a HPMS Reportable Trafficway	HIGH MEADOWS DR	West				Yes	MEADOWOOD LN	25	25		

 Not Mapped

Gloucester County

Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)



GLoucester County
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	
1	GLoucester	DEPTFORD TWP	2015	1/28/2015	Flasher/Warning	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Major Collector	ROUTE 534	East	534	00000534	1.86	Yes	ALMONESON RD	40	40	East	West	
2	GLoucester	FRANKLIN TWP	2015	4/7/2015	Right/Warning	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	No	Major Collector	GLoucester COUNTY 604	East	604	00000604	1.64	Yes	WILLOW GROVE RD	45	50	East	South	
3	GLoucester	MORRIS TWP	2015	7/4/2015	Stop Control	Encroachment	Suspected Serious Injury	County	2		0	3	0	0	0	Yes	Major Collector	GLoucester COUNTY 659	East	659	00000659	1.59	Yes	CR 633 / BLUE BELL RD	50	50	North	South	
4	GLoucester	WOODBURY CITY	2015	8/1/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	No	Principal Arterial - Other	ROUTE 535	West	535	00000535	0.13	Yes	PRINCETON SHUR	35	25	East	West	
5	GLoucester	WODOBURY HEIGHTS BORO	2015	8/4/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 553	North	553	00000553		Yes		35	West	East		
6	GLoucester	FRANKLIN TWP	2015	8/17/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Major Collector	ROUTE 555	South	555	00000555	19.72	Yes	FOREST RD	50	40	South	East	
7	GLoucester	HARRISON TWP	2015	9/16/2015	Flasher/Warning	Left Turn/U Turn	Suspected Serious Injury	County	2		0	1	0	0	0	No	Not a HPMS Reportable Trafficway	US 302	East	302	00000302	22.24	Yes	MILLER HILL RD	40	45	South	West	
8	GLoucester	FRANKLIN TWP	2016	1/18/2016	Flasher/Warning	Opposite Direction (Rear/End)	Suspected Serious Injury	County	2		0	2	0	0	0	No	Major Collector	ROUTE 538	West	538	00000538	16.35	Yes	CR 632 / WILLIAMSTOWN RD	45	45	South	West	
9	GLoucester	GREENWICH TWP	2016	4/4/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	No	Major Collector	GLoucester COUNTY 633	West	633	00000633	4.06	Yes	CR 607 / TOMLIN STATION RD	45	40	North	West	
10	GLoucester	FRANKLIN TWP	2016	4/23/2016	Stop Control	Same Direction - Rear End	Suspected Serious Injury	County	2		0	2	0	0	0	No	Major Collector	GLoucester COUNTY 659	West	659	00000659	4.07	Yes	CR 633 / COLES MILL RD	50	45	East	West	
11	GLoucester	SOUTH HARRISON TWP	2016	5/19/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Local	GLoucester COUNTY 694	West	694	00000694	6.83	Yes	CR 604 / HAZEL RD	50	40	South	North	
12	GLoucester	HARRISON TWP	2016	6/19/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Not a HPMS Reportable Trafficway	GLoucester COUNTY 609	South	609	00000609		Yes	LT JAMES STRATTON LN	50	25	South	East	
13	GLoucester	FRANKLIN TWP	2016	7/30/2016	Flasher/Warning	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Major Collector	ROUTE 555	North	555	00000555	20.24	Yes	WERMOUTH RD	50	50	South	North	
14	GLoucester	HARRISON TWP	2016	11/27/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	No	Not a HPMS Reportable Trafficway	GLoucester COUNTY 609	West	609	00000609		Yes	LT JAMES STRATTON LN	50	35	South	East	
15	GLoucester	WASHINGTON TWP	2017	1/27/2017	Traffic Signal	Left Turn/U Turn	Fatal Injury	County	2		1	1	0	0	0	No	Major Collector	GLoucester COUNTY 630	West	630	00000630	1.45	Yes	CR 651 / GREENFIELD RD	45	45	West	East	
16	GLoucester	WODOBURY CITY	2017	3/2/2017	Stop Control	Right Angle	Fatal Injury	County	3		1	1	0	0	0	No	Major Collector	GLoucester COUNTY 605	South	605	00000605	1.19	Yes	CR 602 / OLDMANS CREEK RD	50	50	East	South	
17	GLoucester	GLASSBORO BORO	2017	5/30/2017	Traffic Signal	Right Angle	Fatal Injury	County	2		1	1	0	0	0	0	No	Major Collector	GLoucester COUNTY 641	East	641	00000641	3.82	Yes	CR 627 / AURA RD	45	50	East	South
18	GLoucester	HARRISON TWP	2017	6/12/2017	Stop Control	Right Angle	Fatal Injury	County	2		1	1	0	0	0	0	No	Minor Arterial	GLoucester COUNTY 609	East	609	00000609	2.97	Yes	CR 641 / FELSIE MILL RD	50	45	East	West
19	GLoucester	EAST GREENWICH TWP	2017	6/13/2017	No Control	Opposite Direction (Head On)	Suspected Serious Injury	County	2		0	2	0	0	0	0	No	Major Collector	GLoucester COUNTY 667	West	667	00000667	12.37	Yes	COUNTY HOUSE RD	35	35	East	West
20	GLoucester	DEPTFORD TWP	2017	7/13/2017	No Control	Pedestrian	Fatal Injury	County	1	1	1	0	1	0	0	Yes	Principal Arterial - Other	ROUTE 534	South	534	00000534	0.26	Yes	WALKER AVE	35	25	West	East	
21	GLoucester	WODOBURY CITY	2017	8/9/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2		1	1	0	0	0	No	Major Collector	ROUTE 551	West	551	00000551	13.14	Yes	CR 602 / OLDMANS CREEK RD	50	50	East	South	
22	GLoucester	LOGAN TWP	2017	8/10/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Major Collector	GLoucester COUNTY 602	West	602	00000602		Yes	CONVERSE BVD	35	35	West	North	
23	GLoucester	WASHINGTON TWP	2017	8/11/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	No	Not a HPMS Reportable Trafficway	GLoucester COUNTY 654	South	654	00000654		Yes	KINGS WAY	45	25	South	East	
24	GLoucester	DEPTFORD TWP	2017	9/2/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	No	Minor Arterial	ROUTE 553	East	553	00000553	47.73	Yes	WENT AVE	35	25	South	East	
25	GLoucester	LOGAN TWP	2017	9/26/2017	Flasher/Warning	Fixed Object	Suspected Serious Injury	County	1		1	0	0	0	0	0	No	Major Collector	GLoucester COUNTY 653	West	653	00000653	16.33	Yes	CR 684 / BURTON STATION RD	45	45	West	East
26	GLoucester	MORRIS TWP	2017	11/15/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	No	Major Collector	ROUTE 538	South	538	00000538	22.22	Yes	WHITEHALL RD	45	45	East	West	
27	GLoucester	WODOBURY CITY	2018	1/10/2018	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	0	No	Not a HPMS Reportable Trafficway	GLoucester COUNTY 644	West	644	00000644	2.84	Yes	NI 45 / N BRIDON ST	25	25	West	East	
28	GLoucester	WASHINGTON TWP	2018	1/24/2018	No Control	Fixed Object	Suspected Serious Injury	County	1		0	1	0	0	0	Yes	Not a HPMS Reportable Trafficway	GLoucester COUNTY 630	North	630	00000630		Yes	JEFFERSON HOSPITAL EMERGENCY ROOM ?	45	45	South	North	
29	GLoucester	WASHINGTON TWP	2018	6/26/2018	Stop Control	Same Direction - Rear End	Suspected Serious Injury	County	2		0	1	0	0	0	No	Not a HPMS Reportable Trafficway	GLoucester COUNTY 614	East	614	00000614	1.30	Yes	CR 610 / EGG HARBOR RD	45	45	South	North	
30	GLoucester	DEPTFORD TWP	2018	7/13/2018	Traffic Signal	Same Direction - Sideswipe	Suspected Serious Injury	County	2		0	1	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 534	West	534	00000534		Yes	HIGHLAND AVENUE	35	25	West	East	
31	GLoucester	FRANKLIN TWP	2018	9/2/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	Yes	Major Collector	ROUTE 538	West	538	00000538	14.89	Yes	CR 604 / MONROEVILLE ROAD	40	40	South	East	
32	GLoucester	HARRISON TWP	2018	9/22/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	0	No	Major Collector	GLoucester COUNTY 607	East	607	00000607	2.68	Yes	HIGH ST	40	45	South	East
33	GLoucester	DEPTFORD TWP	2018	11/1/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	0	No	Minor Arterial	GLoucester COUNTY 663	East	663	00000663	1.95	Yes	AYRES AVE	45	25	South	North
34	GLoucester	MANTUA TWP	2018	11/15/2018	Stop Control	Right Angle	Fatal Injury	County	2		1	0	0	0	0	0	No	Major Collector	GLoucester COUNTY 635	East	635	00000635	1.67	Yes	SPRUCE AVE	40	25	West	East
35	GLoucester	FRANKLIN TWP	2018	11/24/2018	Stop Control	Left Turn/U Turn	Fatal Injury	County	2		1	4	0	0	0	0	No	Major Collector	ROUTE 555	South	555	00000555	24.61	Yes	MARSHALL MILL RD	50	45	North	East
36	GLoucester	WASHINGTON TWP	2018	12/6/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	0	No	Local	GLoucester COUNTY 614	East	614	00000614	1.25	Yes	ROUTE 530 / FRANKLINVILLE RD	45	45	South	North
37	GLoucester	WASHINGTON TWP	2019	1/15/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	0	No	Not a HPMS Reportable Trafficway	GLoucester COUNTY 655	East	655	00000655		Yes	FRIES MILL ACCESS RD	45	25	South	East
38	GLoucester	WODOBURY CITY	2019	1/21/2019	Stop Control	Opposite Direction (Head On)	Suspected Serious Injury	County	2		0	3	0	0	0	Yes	Minor Arterial	GLoucester COUNTY 650	West	650	00000650	0.41	Yes	CR 649 / S BARBER AVE	25	25	South	West	
39	GLoucester	FRANKLIN TWP	2019	3/5/2019	Flasher/Warning	Rear/Car Vehicle	Suspected Serious Injury	County	2		0	1	0	0	0	0	No	Major Collector	ROUTE 538	East	538	00000538	15.41	Yes	RAILROAD AVE	40	50	South	North
40	GLoucester	ELK TWP	2019	3/22/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	0	No	Major Collector	GLoucester COUNTY 619	East	619	00000619	1.90	Yes	CR 627 / AURA RD	40	40	South	North
41	GLoucester	ELK TWP	2019	4/11/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	0	No	Minor Arterial	ROUTE 553	West	553	00000553	36.63	Yes	STANGERO AVE	45	25	West	East
42	GLoucester	WASHINGTON TWP	2019	5/15/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	0	0	No	Major Collector	GLoucester COUNTY 658	North	658	00000658	3.00	Yes	CR 689 / GLASSBORO CROSS KEYS RD	45	45	North	West
43	GLoucester	WEST DEPTFORD TWP	2019	6/12/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	0	No	Principal Arterial - Other	GLoucester COUNTY 640	East	640	00000640	1.68	Yes	PHILADE AVE	40	25	South	North
44	GLoucester	FRANKLIN TWP	2019	7/7/2019	Stop Control	Right Angle	Fatal Injury	County	2		3	2	0	0	0	0	No	Minor Arterial	GLoucester COUNTY 615	East	615	00000615	1.17	Yes	LAKE RD	45	35	East	West
45	GLoucester	WASHINGTON TWP	2019	7/8/2019	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2		0	2	0	0	0	No	Principal Arterial - Other	GLoucester COUNTY 689	East	689	00000689	4.88	Yes	NI 42 / BLACK HORSE PIKE	45	50	South	East	
46	GLoucester	FRANKLIN TWP	2019	8/11/2019	Stop Control	Right Angle	Fatal Injury	County	2		1	2	0	0	0	0	No	Minor Arterial	ROUTE 555	South	555	00000555	7.32	Yes	GRANT A				

Gloucester County

Fatal and Suspected Serious Injury Crashes

At Intersections on Municipal Roadways

(2015-2022)



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

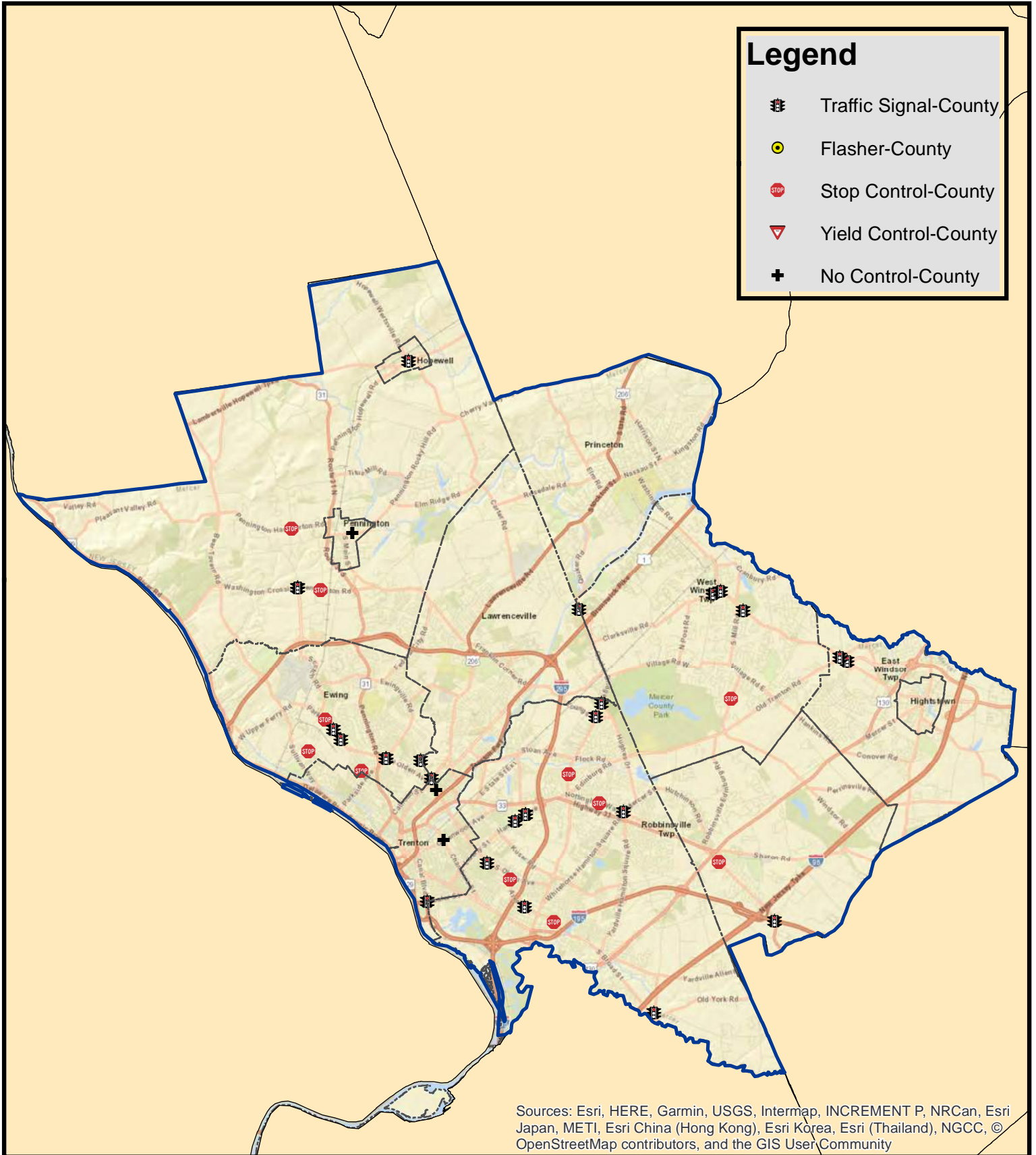
**GLOUCESTER COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	GLOUCESTER	CLAYTON BORO	2015	2/28/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No	Not a HPMS Reportable Trafficway	NEW ST					Yes	VINE ST	25	25	East	South
2	GLOUCESTER	FRANKLIN TWP	2015	7/5/2015	Stop Control	Right Angle	Fatal Injury	Municipal	2			1	1	0	0	No	Not a HPMS Reportable Trafficway	WEYMOUTH RD	West				Yes	SOUTH BLUE BELL ROAD	50	35	West	North
3	GLOUCESTER	FRANKLIN TWP	2019	9/18/2019	Stop Control	Right Angle	Fatal Injury	Municipal	2			1	1	0	0	No	Local	WILLIAMSTOWN RD **	South		08111055	2.64	Yes	GRANT AV	45	35	South	East
4	GLOUCESTER	FRANKLIN TWP	2020	2/14/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	3	0	0	No	Not a HPMS Reportable Trafficway	FOREST GROVE RD **	West				Yes	BLUEBELL RD	45	35		
5	GLOUCESTER	FRANKLIN TWP	2020	10/13/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	3	0	0	No	Local	GRANT AVE **	East		08051056	1.97	Yes	WILLIAMSTOWN RD	35	45		
6	GLOUCESTER	FRANKLIN TWP	2021	11/30/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No	Local	LAKE RD / VICTORIA AVE **	North		08051048	0.48	Yes	CR 615 / WEST BLVD	45	45	North	South
7	GLOUCESTER	MONROE TWP	2018	1/16/2018	No Control	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	2			0	1	0	0	No	Not a HPMS Reportable Trafficway	LANESIDE DR					Yes	SUNNYHILL AVE	35	25	South	West
8	GLOUCESTER	MONROE TWP	2019	6/6/2019	Stop Control	Right Angle	Fatal Injury	Municipal	2			1	1	0	0	No	Local	ANGELLE AVE **			08111302	0.16	Yes	WINKLOW RD	40	25	North	South
9	GLOUCESTER	MONROE TWP	2020	10/13/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No	Local	HERBERT BLVD **	East		08111022	1.48	Yes	PROSNER AVE	35	25		
10	GLOUCESTER	NEWFIELD BORO	2015	6/21/2015	No Control	Overtaken	Suspected Serious Injury	Municipal	1			0	1	0	0	No	Not a HPMS Reportable Trafficway	WEYMOUTH ROAD	West				Yes	GRACE ANN DRIVE	50	25	West	
11	GLOUCESTER	PAULSBORO BORO	2018	6/19/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	3	0	0	No	Not a HPMS Reportable Trafficway	N JEFFERSON ST	East				Yes	SPLICE ST	25	25	South	North
12	GLOUCESTER	PAULSBORO BORO	2019	4/21/2019	No Control	Right Angle	Fatal Injury	Municipal	4			1	1	0	0	No	Not a HPMS Reportable Trafficway	N CHESTNUT ST					Yes	E JEFFERSON ST	25	25	West	East
13	GLOUCESTER	WASHINGTON TWP	2018	11/6/2018	No Control	Struck Parked Vehicle	Suspected Serious Injury	Municipal	2			0	1	0	0	No	Not a HPMS Reportable Trafficway	BARCLAY DR **	East				Yes	BARCLAY DR	25		South	
14	GLOUCESTER	WOLWICH TWP	2015	8/25/2015	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1		0	1	0	1	No	Not a HPMS Reportable Trafficway	TAVISTOCK DRIVE	South				Yes	PONDVIEW DRIVE	35		East	
15	GLOUCESTER	WOLWICH TWP	2021	12/25/2021	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1		0	1	0	1	No	Local	WESTBROOK DR **	East		08241149	0.66	Yes	KESWICK DR	25	25	South	

Not Mapped

Mercer County

Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)



**MERCER COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS**

County	Municipality	Year	Crash Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	Fire Hazard Event	Road Characteristics	Road Horizontal Alignment	Road Grade	Road Surface Type	Road Condition	Light Conditions	Environmental Condition	Road Median Type		
1	MERCER	HAMILTON TWP	2015	4/20/2015	Traffic Signal	Right Angle	Fatal Injury	County	2	1	1	1	0	0	No		Minor Arterial	MERCER COUNTY 006	East	606	11000066	2.98	Yes	KLUICKER RD	35	40	North	South		Straight and Level	Straight	Level	Blacktop	Wet	Daylight	Clear	None	None	
2	MERCER	HOPWELL BORO	2015	5/14/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	No		Minor Arterial	ROUTE 518	West	518	00000118	10.30	Yes	N GREENWOOD AVE / S GREENWOOD AVE	25	25	West	West		Straight and Level	Straight	Unknown	Blacktop	Dry	IS No Light Sign	Clear	None	None	
3	MERCER	WEST WINDSOR TWP	2015	7/20/2015	Traffic Signal	Right Angle	Fatal Injury	County	2	1	4	0	0	0	No		Principal Arterial - Other	ROUTE 571	West	571	00000271	39.20	Yes	BENTLEY HIGHLAND RD / SAWYERS CR	50	25	North	West		Straight and Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None	
4	MERCER	HAMILTON TWP	2015	8/7/2015	No Control	Opposite Direction (Head On)	Suspected Serious Injury	County	2	0	2	0	0	0	No		Not a PRMS Responsible Thoroughfare	ROUTE 524	West	524	00000524		Yes	ERTON AVE	25	25	North	East		Straight and Level	Straight	Level	Blacktop	Dry	Intersect Right Sign	Clear	None	None	
5	MERCER	HAMILTON TWP	2016	2/6/2016	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	Yes	1	Minor Arterial	MERCER COUNTY 600	East	600	11000066	2.98	Yes	KLUICKER RD	35	40	East	West		Straight and Level	Straight	Level	Blacktop	Dry	Intersect Right Sign	Clear	None	None	
6	MERCER	HOPWELL TWP	2016	4/29/2016	Stop Control	Opposite Direction (Head On)	Suspected Serious Injury	County	2	0	2	0	0	0	No		Minor Arterial	ROUTE 546	West	546	00000546	3.82	Yes	CR 113 / SCOTCH RD	45	40	South	West		Straight and Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None	
7	MERCER	HOPWELL TWP	2016	5/21/2016	Traffic Signal	Overturned	Fatal Injury	County	2	0	0	0	0	0	Yes	1	Minor Arterial	ROUTE 546	West	546	00000546	3.82	Yes	CR 113 / SCOTCH RD	45	40	South	West		Straight and Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None	
8	MERCER	EAST WINDSOR TWP	2016	7/9/2016	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	3	0	0	0	Yes	1	Principal Arterial - Other	ROUTE 571	East	571	00000271	36.01	Yes	NJ 181 / WINDSOR CTB DR	50	50	East	South		Straight and Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None	
9	MERCER	HAMILTON TWP	2016	8/23/2016	Stop Control	Right Angle	Fatal Injury	County	2	0	0	0	0	0	No		Minor Arterial	MERCER COUNTY 620	East	620	11000020	0.31	Yes	FRANCINE DR / HEMSTEAD RD	40	25	East	West		Straight and Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None	
10	MERCER	HAMILTON TWP	2016	9/5/2016	Traffic Signal	Frontal Collision	Suspected Serious Injury	County	2	0	1	0	0	0	No		Minor Arterial	MERCER COUNTY 622	East	622	11000022	1.64	Yes	CECEN LN	40	40	South	East		Curve and Level	Unknown	Level	Blacktop	Dry	Daylight	Clear	None	None	
11	MERCER	HAMILTON TWP	2017	5/6/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No		Minor Arterial	ROUTE 533	West	533	00000533	1.98	Yes	ROD AVE	40	25	West	North	MV in Transport	Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
12	MERCER	HAMILTON TWP	2017	6/10/2017	Traffic Signal	Frontal Collision	Fatal Injury	County	2	0	1	0	0	0	No		Minor Arterial	MERCER COUNTY 618	West	618	11000018	1.43	Yes	WHITE HORSE HAMILTON BLVD	35	35	West	West		Curve and Level	Unknown	Level	Blacktop	Wet	Daylight	Clear	None	None	
13	MERCER	HAMILTON TWP	2017	7/18/2017	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No	1	Not a PRMS Responsible Thoroughfare	ROUTE 524	West	524	00000524		Yes	CROWSDICK HAMILTON BLVD	40	40	North	West	MV in Transport	Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
14	MERCER	HAMILTON TWP	2018	4/15/2018	Stop Control	Left Turn/Right Turn	Suspected Serious Injury	County	2	0	1	0	0	0	No		Not a PRMS Responsible Thoroughfare	ROUTE 533	West	620	11000020	1.92	Yes	CENTRAL AVE / TOWNSHIP AVE	35	25	East	North		Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
15	MERCER	TOWNSHIP CITY	2018	11/24/2018	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	Yes		Minor Arterial	MERCER COUNTY 622	South	622	11000022	1.84	Yes	OHIO AVE	25	25	East	West		Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
16	MERCER	EWING TWP	2019	1/10/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	4	0	0	0	No		Minor Arterial	MERCER COUNTY 622	North	622	11000022	4.50	Yes	CENTRAL AVE / TOWNSHIP AVE	35	25	East	North	MV in Transport	Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
17	MERCER	ROBERTSVILLE TWP	2019	10/29/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	Yes		Minor Arterial	ROUTE 526	South	526	00000526	0.34	Yes	1395	45	65	East	South	MV in Transport	Straight	Level	Straight	Level	Blacktop	Wet	Daylight	Clear	None	None
18	MERCER	TOWNSHIP CITY	2019	12/1/2019	No Control	Pedestrian	Fatal Injury	County	1	1	0	1	0	1	No		Minor Arterial	MERCER COUNTY 622	South	622	11000022	1.84	Yes	CR 68 / PARKWAY AVE	25	25	East	West		Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
19	MERCER	HOPWELL TWP	2019	12/11/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	Yes		Minor Collector	MERCER COUNTY 623	East	623	11000023	1.95	Yes	BURD RD / SCOTCH RD	45	25	North	South	MV in Transport	Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
20	MERCER	WEST WINDSOR TWP	2020	1/6/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	No		Minor Arterial	MERCER COUNTY 628	North	628	11000028	4.50	Yes	BARNES RD / PENNINGTON RD	25	25	West	West		Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
21	MERCER	WEST WINDSOR TWP	2020	4/24/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	No		Minor Arterial	ROUTE 526	West	526	00000526	2.58	Yes	CONOVER RD / DICKENS DR	40	30	South	North	MV in Transport	Straight	Level	Straight	Level	Blacktop	Wet	Daylight	Clear	None	None
22	MERCER	PANMUNTON BORO	2020	5/11/2020	No Control	Head-On	Suspected Serious Injury	County	1	2	0	1	0	0	No		Major Collector	MERCER COUNTY 624	West	624	11000024	0.96	Yes	AMT DR	25	25	West	West	Public Utility	Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
23	MERCER	EAST WINDSOR TWP	2020	6/26/2020	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2	0	5	0	0	0	No		Minor Arterial	ROUTE 535	West	535	00000535	11.00	Yes	ROUTE 535 / HUNTINGTON PROJECTION B	50	50	West	West		Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
24	MERCER	EWING TWP	2020	11/10/2020	Traffic Signal	Left Turn/Right Turn	Suspected Serious Injury	County	2	0	1	0	0	0	No		Minor Arterial	MERCER COUNTY 634	East	634	11000034	2.67	Yes	CR 641 / DOWNER FERRY RD	40	35	West	North	MV in Transport	Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
25	MERCER	LAWRENCE TWP	2021	1/10/2021	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	0	1	0	1	No		Principal Arterial - Other	ROUTE 582	West	206	00000206	46.67	Yes	CR 143 / SPRING ST	25	25	West	West		Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
26	MERCER	WEST WINDSOR TWP	2021	1/16/2021	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2	0	4	0	0	0	No		Major Collector	ROUTE 533	West	533	00000533	8.41	Yes	ROUTE 569 / NASSAU PARK BLVD / PROVO	50	35	West	West		Straight	Level	Straight	Level	Blacktop	Dry	Intersect Right Sign	Clear	Curbed Median	None
27	MERCER	TOWNSHIP CITY	2021	3/1/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County	1	0	1	0	0	0	No		Minor Arterial	MERCER COUNTY 606	West	606	11000006	0.26	Yes	NJ 120	25	25	West	West		Straight	Level	Straight	Level	Blacktop	Dry	Intersect Right Sign	Clear	None	None
28	MERCER	HOPWELL TWP	2021	7/19/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	No		Minor Arterial	ROUTE 546	East	546	00000546	3.26	Yes	CR 113 / SCOTCH RD	45	45	South	North	MV in Transport	Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
29	MERCER	HAMILTON TWP	2021	9/4/2021	Traffic Signal	Left Turn/Right Turn	Fatal Injury	County	2	0	0	0	0	0	No		Minor Arterial	MERCER COUNTY 606	West	606	11000006	2.67	Yes	CROWSDICK	35	40	West	West		Straight	Level	Straight	Level	Blacktop	Dry	IS No Light Sign	Clear	None	None
30	MERCER	ROBERTSVILLE TWP	2021	12/10/2021	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No		Minor Arterial	ROUTE 526	West	526	00000526	7.36	Yes	ALLEN TOWN RD	45	35	West	West	MV in Transport	Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
31	MERCER	EWING TWP	2021	12/16/2021	Traffic Signal	Left Turn/Right Turn	Suspected Serious Injury	County	2	0	2	0	0	0	No		Minor Arterial	MERCER COUNTY 623	West	623	11000023	0.20	Yes	CR 167 / ARCTIC HWY	25	25	West	West		Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
32	MERCER	HAMILTON TWP	2021	12/17/2021	Traffic Signal	Left Turn/Right Turn	Suspected Serious Injury	County	2	0	2	0	0	0	No		Minor Arterial	ROUTE 533	West	533	00000533	5.56	Yes	YOUNGS RD	40	35	North	East	MV in Transport	Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
33	MERCER	WEST WINDSOR TWP	2022	2/27/2022	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2	0	4	0	0	0	No		Principal Arterial - Other	ROUTE 571	West	571	00000271	40.22	Yes	CR 838 / CLAWSON RD / GARDNER MILL B	50	35	West	South	MV in Transport	Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
34	MERCER	HAMILTON TWP	2022	3/10/2022	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	No		Minor Arterial	MERCER COUNTY 630	East	630	11000030	1.15	Yes	WOODSIDE AVE	40	25	North	North		Straight	Level	Straight	Level	Blacktop	Dry	Daylight	Clear	None	None
35	MERCER	EWING TWP	2022	4/16/2022	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No		Minor Arterial	MERCER COUNTY 634	East	634	11000034	2.36	Yes	WALTER ST	40	25	West	North	MV in Transport	Straight	Level	Straight	Level	Blacktop	Dry	Intersect Right Sign	Clear	None	None
36	MERCER	HAMILTON TWP	2022	5/11/2022	Stop Control</																																		

MERCER COUNTY
 FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
 AT INTERSECTIONS ON MUNICIPAL ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction			
1	MERCER	HAMILTON TWP	2015	4/2/2015	Traffic Signal	Fixed Object	Fatal Injury	Municipal	1		1	0	0	0	0	No	Major Collector	KLODNER RD	East		11031996	0.00	Yes	KUSER ROAD	35	40	South				
2	MERCER	HAMILTON TWP	2016	9/12/2016	Traffic Signal	Right Angle	Fatal Injury	Municipal	4		1	3	0	0	Yes	Principal Arterial - Other	US 206	North	206	00000206	40.06	Yes	PARK AVE	35	25	North	South				
3	MERCER	HAMILTON TWP	2016	12/31/2016	Traffic Signal	Fixed Object	Suspected Serious Injury	Municipal	2		0	4	0	0	No	Principal Arterial - Other	US 206			00000206	39.33	Yes	REDWOOD AVE	35	25	East	North				
4	MERCER	HAMILTON TWP	2017	9/21/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	3	0	0	No	Minor Arterial	S CLINTON AVE			11031969	0.43	Yes	REDWOOD AVE	35	25	West	North				
5	MERCER	HAMILTON TWP	2017	11/11/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	5	0	0	No	Minor Arterial	S CLINTON AVE			11031969	0.67	Yes	BRVINGTON PL	35	25	East	West				
6	MERCER	HAMILTON TWP	2018	3/11/2018	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No	Not a HPMS Reportable Trafficway	US 206		206	00000206	39.39	Yes	FETTER AVE / HARCOURT AVE	35	25	West	East				
7	MERCER	HAMILTON TWP	2018	4/22/2018	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	2	0	1	0	0	No	Not a HPMS Reportable Trafficway	JOHNSTON AVE				0.36	Yes	ROBERTS AVE	25	25	North					
8	MERCER	HAMILTON TWP	2019	5/27/2019	No Control	Pedalcyclist	Suspected Serious Injury	Municipal	1		1	0	1	0	No	Not a HPMS Reportable Trafficway	WOOLLEY ST **						0.36	Yes	E HOWELL ST	25	25	East			
9	MERCER	HAMILTON TWP	2019	6/23/2019	No Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No	Not a HPMS Reportable Trafficway	CENTRAL AVE							Yes	PITMAN AVE	25	25	East			
10	MERCER	HAMILTON TWP	2019	7/19/2019	No Control	Pedalcyclist	Fatal Injury	Municipal	1		1	1	0	0	No	Local	CARLISLE AVE **						0.22	Yes	SANDALWOOD AVE	25	25	West			
11	MERCER	HAMILTON TWP	2019	11/7/2019	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No	Major Collector	LIBERTY ST						1.80	Yes	NEWKIRK AVE	25	25	West	East		
12	MERCER	HAMILTON TWP	2020	2/25/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No	Minor Arterial	N CLINTON AVE / S CLINTON AVE	East			11031969	0.61	Yes	THORPP AVE	35						
13	MERCER	HAMILTON TWP	2020	9/19/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	4	0	0	No	Major Collector	CEDAR LN / LEONARD AVE						1.23	Yes	WOOLLEY ST	35	25				
14	MERCER	HAMILTON TWP	2022	1/8/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	3	0	0	No	Minor Arterial	N CLINTON AVE / S CLINTON AVE						0.43	Yes	REDWOOD AVE	35	25	East	West		
15	MERCER	HAMILTON TWP	2022	5/13/2022	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	2		0	1	0	0	Yes	Minor Arterial	N CLINTON AVE / S CLINTON AVE						1.11	Yes	ROUTES 538 / EENBERG RD	35	35	South	South		
16	MERCER	HAMILTON TWP	2022	8/17/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No	Minor Arterial	N CLINTON AVE / S CLINTON AVE						0.55	Yes	MADDOCK AVE	35	25	North	West		
17	MERCER	HAMILTON TWP	2022	9/6/2022	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No	Major Collector	CEDAR LN / LEONARD AVE						0.43	Yes	NEWKIRK AVE	25	25	South	North		
18	MERCER	LAWRENCE TWP	2018	12/19/2018	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	4		0	2	0	0	No	Not a HPMS Reportable Trafficway	TEAS AVE							Yes	BRUNSWICK PIKE	25	45	East	South		
19	MERCER	LAWRENCE TWP	2019	9/19/2019	Stop Control	Fixed Object	Fatal Injury	Municipal	1		1	0	0	0	Yes	Minor Collector	COLS SOLI RD						0.90	Yes	KEEFE DR	40	35	South			
20	MERCER	PENNINGTON BORO	2022	2/16/2022	Flasher/Warning	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No	Major Collector	E DELAWARE AVE / W DELAWARE AVE	East			11081029	0.28	Yes	GREEN ST	25	25	South				
21	MERCER	PRINCETON	2017	9/1/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	3		0	3	0	0	No	Not a HPMS Reportable Trafficway	VALLEY RD						0.42	Yes	WALNUT LN	25	25	South	East		
22	MERCER	PRINCETON	2017	11/19/2017	Stop Control	Fixed Object	Suspected Serious Injury	Municipal	1		0	1	0	0	No	Not a HPMS Reportable Trafficway	CHERRY HILL ROAD							Yes	STUART ROAD	35	35	South			
23	MERCER	PRINCETON	2019	7/30/2019	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1	1	0	1	0	No	Principal Arterial - Other	ROUTE 571		571	00000571	43.75	Yes	PROSPECT AVE	25	25	East					
24	MERCER	PRINCETON	2020	2/28/2020	Traffic Signal	Pedalcyclist	Suspected Serious Injury	Municipal	1		1	0	1	0	No	Minor Arterial	HARRISON ST / N HARRISON ST						0.52	Yes	HAMILTON AVE	25	25				
25	MERCER	PRINCETON	2021	8/30/2021	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	2	0	1	0	1	No	Minor Arterial	HARRISON ST / N HARRISON ST						0.11	Yes	PATTON AVE	25	25	East			
26	MERCER	ROBBINSVILLE TWP	2017	2/20/2017	No Control	Fixed Object	Suspected Serious Injury	Municipal	1		0	2	0	0	No	Not a HPMS Reportable Trafficway	STONERIDGE DR	East							Yes	HUTCHINSON ROAD	20	35	South		
27	MERCER	TRENTON CITY	2015	3/18/2015	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No	Minor Collector	BRIDGE ST	West						0.10	Yes	FERRY ST	25	25	West	East	
28	MERCER	TRENTON CITY	2016	2/15/2016	Stop Control	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	2		0	1	0	0	No	Not a HPMS Reportable Trafficway	ADLINE ST	North							Yes	ELM ST	25	25	North	East	
29	MERCER	TRENTON CITY	2016	11/13/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No	Principal Arterial - Other	W 33		33	00000033	0.18	Yes	S CLINTON AVE	25	25	West					
30	MERCER	TRENTON CITY	2017	1/4/2017	Stop Control	Opposite Direction (Sideswipe)	Suspected Serious Injury	Municipal	2		0	2	0	0	No	Principal Arterial - Other	US 206	North	206	00000206	40.74	Yes	CAPRIE ST	35	25	South	West				
31	MERCER	TRENTON CITY	2017	5/10/2017	No Control	Right Angle	Fatal Injury	Municipal	2		1	1	0	0	Yes	Principal Arterial - Other	US 206	South	206	00000206	41.39	Yes	CHESTNUT AVE	25	25	South	East				
32	MERCER	TRENTON CITY	2018	9/14/2018	No Control	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	2		0	2	0	0	No	Not a HPMS Reportable Trafficway	N CLINTON AVE	West						Yes	DAK ST	25		South	West		
33	MERCER	TRENTON CITY	2018	10/9/2018	No Control	Struck Parked Vehicle	Suspected Serious Injury	Municipal	2		0	1	0	0	No	Local	ONE ST **	East						0.00	Yes	FRIEDMANACHER AVE	25	15	South		
34	MERCER	TRENTON CITY	2018	3/5/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No	Not a HPMS Reportable Trafficway	PASSAIC ST	West							Yes	CALHOUN ST	25		West		
35	MERCER	TRENTON CITY	2019	4/29/2019	No Control	Pedestrian	Fatal Injury	Municipal	2	1	1	0	1	0	No	Not a HPMS Reportable Trafficway	CLARK ST	West							Yes	EASER ST	25		West	North	
36	MERCER	TRENTON CITY	2019	9/14/2019	No Control	Fixed Object	Suspected Serious Injury	Municipal	1		0	1	0	0	No	Major Collector	N WANDOVER ST	East							0.72	Yes	CHANCEY LN	25	35	South	
37	MERCER	TRENTON CITY	2019	12/9/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No	Minor Arterial	S CLINTON AVE	East						2.32	Yes	ANDERSON ST	25	25	South	East	
38	MERCER	TRENTON CITY	2019	12/22/2019	No Control	Pedestrian	Fatal Injury	Municipal	1	1	1	0	1	0	No	Minor Arterial	STUYVESANT AVE	West						0.33	Yes	CHRISTOPH AVE	25	25	West		
39	MERCER	TRENTON CITY	2021	4/27/2021	Stop Control	Overturned	Suspected Serious Injury	Municipal	3		0	1	0	0	No	Local	BRUCE PARK DR / W STATE ST **	West						0.06	Yes	EDGEWOOD AVE	25		West		
40	MERCER	TRENTON CITY	2021	5/13/2021	No Control	Opposite Direction (Sideswipe)	Suspected Serious Injury	Municipal	2		0	1	0	0	No	Local	ASHMORE AVE **	South							0.27	Yes	WASHINGTON ST	25	25		
41	MERCER	TRENTON CITY	2021	5/14/2021	Traffic Signal	Fixed Object	Suspected Serious Injury	Municipal	1		0	1	0	0	No	Minor Arterial	N CLINTON AVE / S CLINTON AVE	East							4.70	Yes	CR 622 / N OLDEN AVE	25	25		
42	MERCER	TRENTON CITY	2021	6/17/2021	Stop Control	Fixed Object	Suspected Serious Injury	Municipal	1		0	1	0	0	Yes	Local	HEIL AVE / PENNSYLVANIA AVE **	North							0.18	Yes	MULLBERRY ST	25		North	
43	MERCER	TRENTON CITY	2021	10/21/2021	No Control	Left Turn/U Turn	Fatal Injury	Municipal	2		1	0	0	0	No	Minor Arterial	PROSPECT ST	North							0.55	Yes	DALE ST / INDEPENDENCE LN	25	25	North	
44	MERCER	TRENTON CITY	2022	3/17/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	3		0	2	0	0	No	Principal Arterial - Other	US 206	North	206	00000206	40.74	Yes	CAPRIE ST	25	25	North	West				

Not Mapped

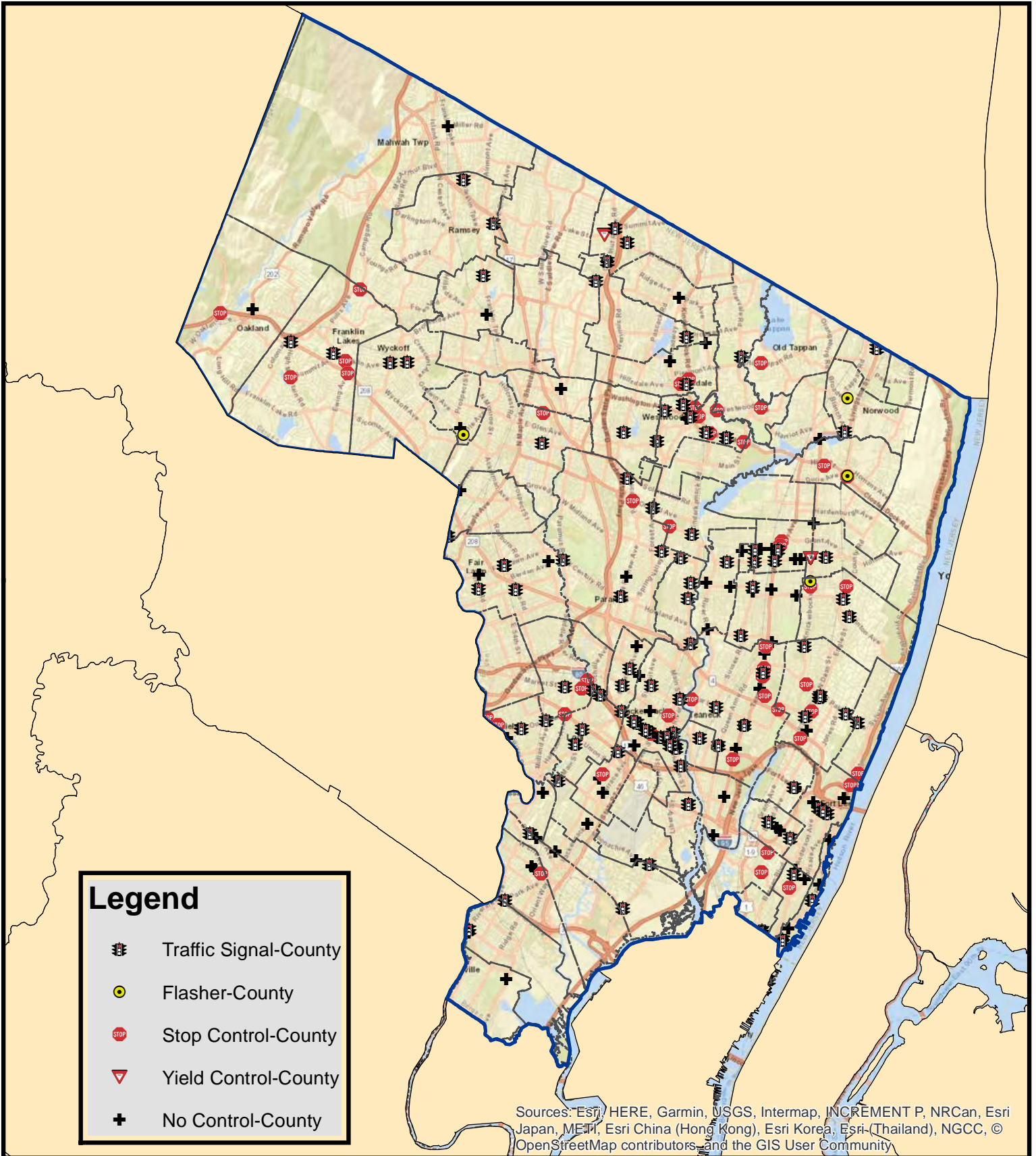
ATTACHMENT A – NJTPA

Bergen, Hudson, Essex, Hunterdon, Jersey City,

Middlesex, Monmouth, Morris, Newark

Fatal and Suspected Serious Maps and Tables

Bergen County Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)



**BERGEN COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	
1	BERGEN	PARAMUS BORO	2015	1/5/2015	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	0	2	0	0	0	No	Minor Arterial	BERGEN COUNTY 74	West	74	02000741	0.66	Yes	SPRING VALLEY RD	35	25	North	West	
2	BERGEN	TEANECK TWP	2015	2/18/2015	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	1	0	0	0	0	No	Principal Arterial - Other	BERGEN COUNTY 39	North	39	0200039	4.25	Yes	STATE ST	35	25	North	West	
3	BERGEN	EDGEWATER BORO	2015	6/16/2015	No Control	Same Direction - Rear End	Suspected Serious Injury	County	2	0	0	2	0	0	0	Yes	Principal Arterial - Other	ROUTE 505	North	505	00000505	5.49	Yes	HILLDALE AVE	35	25	North	North	
4	BERGEN	MAHWAH TWP	2015	4/16/2015	No Control	Pedestrian	Suspected Serious Injury	County	1	1	1	0	1	0	0	No	Not a HPMs Reportable Trafficway	US 202	East	202	0000202	2.00	Yes	MILLER RD	30	25	South	North	
5	BERGEN	ORANDEL BORO	2015	12/15/2015	Traffic Signal	Left Turn/V/Turn	Suspected Serious Injury	County	2	0	0	0	0	0	0	No	Principal Arterial - Other	BERGEN COUNTY 59	North	59	0200059	5.02	Yes	CR 40 / NORTH AVE	40	35	North	North	
6	BERGEN	MAYWOOD BORO	2015	5/23/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	Not a HPMs Reportable Trafficway	BERGEN COUNTY 59	South	59	0200059	5.02	Yes	PLEASANT AVE	35	25	North	South	
7	BERGEN	LODI BORO	2015	7/10/2015	Traffic Signal	Right Angle	Fatal Injury	County	2	0	0	1	0	0	0	No	Minor Arterial	BERGEN COUNTY 40 I	South	40	0200040I	1.48	Yes	ARNOT ST / WASHINGTON ST	35	25	North	South	
8	BERGEN	FAIR LAWN BORO	2015	8/14/2015	Traffic Signal	Left Turn/V/Turn	Fatal Injury	County	2	0	0	0	0	0	0	No	Principal Arterial - Other	ROUTE 507	North	507	00000507	18.38	Yes	BERDEN AVE	35	25	East	North	
9	BERGEN	NORWOOD BORO	2015	10/11/2015	Traffic Signal	Fixed Object	Suspected Serious Injury	County	1	0	0	0	0	0	0	No	Principal Arterial - Other	ROUTE 505	North	505	00000505	14.94	Yes	BLANCH AVE	35	30	North	West	
10	BERGEN	ENGLWOOD CITY	2015	11/28/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2	1	0	0	0	0	0	No	Not a HPMs Reportable Trafficway	ROUTE 501	West	501	00000501	1.37	Yes	MIDWAY ST	30	25	South	West	
11	BERGEN	PARAMUS BORO	2015	10/13/2015	Traffic Signal	Left Turn/V/Turn	Suspected Serious Injury	County	2	0	0	2	0	0	0	No	Minor Arterial	BERGEN COUNTY 61	North	61	0200061	1.58	Yes	CENTURY RD	35	25	North	East	
12	BERGEN	CLOSTER BORO	2015	10/16/2015	Stop Control	Pedalcyclist	Suspected Serious Injury	County	1	1	0	0	1	0	0	Yes	Not a HPMs Reportable Trafficway	BERGEN COUNTY 41 II	East	41	0200041II	11.37	Yes	COLUMBUS AVE	35	25	East	North	
13	BERGEN	GARFIELD CITY	2015	11/1/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	0	No	Principal Arterial - Other	ROUTE 507	North	507	00000507	5.28	Yes	MARKET ST	35	25	North	West	
14	BERGEN	SAADDLE BROOK TWP	2015	12/20/2015	Stop Control	Opposite Direction (Head On)	Suspected Serious Injury	County	2	1	0	0	0	0	0	Yes	1	Principal Arterial - Other	BERGEN COUNTY 56 I	West	56	0200056I	2.65	Yes	CENTRAL AVE / HARRISON AVE	35	25	North	South
15	BERGEN	ORANDEL BORO	2015	12/4/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	2	0	0	0	No	Minor Arterial	BERGEN COUNTY 58 I	West	80	0200058I	0.58	Yes	SPRING VALLEY RD	25	25	West	North	
16	BERGEN	GLEN ROCK BORO	2015	11/19/2015	No Control	Other	Suspected Serious Injury	County	1	0	0	0	0	0	0	Yes	Suspected Serious Injury	BERGEN COUNTY 134	West	134	02000134	0.06	Yes	ISABELLA PL	25	25	West	West	
17	BERGEN	ENGLWOOD CITY	2016	3/26/2016	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	1	0	0	0	1	0	No	Principal Arterial - Other	ROUTE 501	West	501	00000501	43.85	Yes	CR 303	30	25	South	North	
18	BERGEN	EAST RUTHERFORD BORO	2016	2/16/2016	No Control	Opposite Direction (Head On)	Suspected Serious Injury	County	2	1	0	0	1	0	0	0	No	Principal Arterial - Other	BERGEN COUNTY 155	West	155	02000155	0.30	Yes	MIDWAY ST	25	25	South	West
19	BERGEN	RAMSEY BORO	2016	2/19/2016	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	0	2	0	0	0	No	Principal Arterial - Other	ROUTE 507	West	507	00000507	26.06	Yes	HILTOP RD / SPRING ST	35	35	West	North	
20	BERGEN	WYCKOFF TWP	2016	4/21/2016	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2	1	0	0	0	0	0	No	Not a HPMs Reportable Trafficway	BERGEN COUNTY 87	North	87	0200087	3.45	Yes	CLINTON AVE	30	30	East	North	
21	BERGEN	BOGOTA BORO	2016	5/25/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	Minor Arterial	BERGEN COUNTY 56 II	East	56	0200056II	0.81	Yes	ELM AVE	30	25	South	West	
22	BERGEN	PARKE BORO	2016	6/19/2016	No Control	Fixed Object	Suspected Serious Injury	County	1	2	1	1	1	1	0	No	Minor Arterial	BERGEN COUNTY 92 I	West	92	0200092I	2.29	Yes	DIETICH LANE	30	25	South	West	
23	BERGEN	TEANECK TWP	2016	6/25/2016	Stop Control	Pedestrian	Fatal Injury	County	1	1	0	1	0	0	0	No	Minor Arterial	BERGEN COUNTY 60	West	60	0200060	1.18	Yes	AMERICAN LEGION DR	25	25	East	West	
24	BERGEN	NEW MILFORD BORO	2016	12/2/2016	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	2	0	0	2	0	0	0	No	Minor Arterial	BERGEN COUNTY 74 II	West	74	0200074II	0.75	Yes	BOULEVARD	25	25	South	South	
25	BERGEN	RIDGEFIELD PARK VILLAGE	2016	10/1/2016	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	Principal Arterial - Other	BERGEN COUNTY 39	North	39	0200039	1.05	Yes	POPART ST	25	25	North	South	
26	BERGEN	TEANECK TWP	2016	1/24/2016	Traffic Signal	Right Angle	Fatal Injury	County	2	4	0	0	0	0	0	0	No	Principal Arterial - Other	BERGEN COUNTY 56 III	West	56	0200056III	1.37	Yes	CR 303 / GREEN RD	30	25	South	East
27	BERGEN	LEONIA BORO	2016	12/7/2016	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	Minor Arterial	BERGEN COUNTY 56 III	West	56	0200056III	3.53	Yes	HIGHLAND AVE	25	25	South	West	
28	BERGEN	RIDGEFIELD PARK VILLAGE	2017	1/3/2017	No Control	Struck Parked Vehicle	Suspected Serious Injury	County	2	0	0	0	0	0	0	Yes	Minor Arterial	BERGEN COUNTY 124 I	East	124	02000124I	1.26	Yes	LUCKER ST / MAPLE ST	25	25	South	West	
29	BERGEN	HACKENSACK CITY	2017	1/4/2017	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	Not a HPMs Reportable Trafficway	BERGEN COUNTY 44	East	44	0200044	0.35	Yes	SECOND STREET	35	25	South	North	
30	BERGEN	ALLENDALE BORO	2017	1/20/2017	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	Principal Arterial - Other	BERGEN COUNTY 92 II	North	92	0200092II	2.27	Yes	CR 403 / HILL RD	30	25	North	West	
31	BERGEN	WESTWOOD BORO	2017	1/23/2017	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	Minor Arterial	BERGEN COUNTY 59	West	59	0200059	7.38	Yes	PARK AVE	35	25	East	West	
32	BERGEN	TENAFLY BORO	2017	2/18/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Principal Arterial - Other	ROUTE 501	West	501	00000501	46.76	Yes	PROPECT TERR	25	25	South	North	
33	BERGEN	HILLSDALE BORO	2017	2/25/2017	No Control	Other	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Minor Arterial	BERGEN COUNTY 104	South	104	02000104	1.45	Yes	PARKVIEW DR	35	25	East	West	
34	BERGEN	FORT LEE BORO	2017	4/17/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	Minor Arterial	BERGEN COUNTY 56 III	West	56	0200056III	4.40	Yes	Ni 529 / LENOX AVE	25	25	West	South	
35	BERGEN	HACKENSACK CITY	2017	9/13/2017	Traffic Signal	Opposite Direction (Sidewalk)	Suspected Serious Injury	County	1	0	0	1	0	0	0	No	Principal Arterial - Other	ROUTE 503	North	503	00000503	5.16	Yes	BRIDGE ST	30	25	South	East	
36	BERGEN	HACKENSACK CITY	2017	8/1/2017	Traffic Signal	Fatal Injury	County	1	1	0	1	0	0	0	0	No	Principal Arterial - Other	ROUTE 503	South	503	00000503	5.16	Yes	BRIDGE ST	30	25	South	East	
37	BERGEN	GLEN ROCK BORO	2017	8/18/2017	No Control	Fixed Object	Suspected Serious Injury	County	1	0	0	1	0	0	0	1	Not a HPMs Reportable Trafficway	BERGEN COUNTY 134	North	134	02000134	0.23	Yes	AUSTIN PLACE	25	25	West	West	
38	BERGEN	HIRSHBROOK BORO	2017	10/2/2017	No Control	Pedestrian	Suspected Serious Injury	County	1	2	0	0	0	1	0	No	Principal Arterial - Other	BERGEN COUNTY 39	South	39	0200039	6.39	Yes	DEWALT AVE	25	25	East	West	
39	BERGEN	HARRINGTON PARK BORO	2017	11/17/2017	No Control	Left Turn/V/Turn	Suspected Serious Injury	County	2	0	0	0	0	0	0	No	Principal Arterial - Other	ROUTE 505	South	505	00000505	1.72	Yes	CR 102 / CLOSTER RD	50	50	North	East	
40	BERGEN	PARAMUS BORO	2017	11/16/2017	No Control	Same Direction - Rear End	Suspected Serious Injury	County	2	0	0	0	1	0	0	No	Minor Arterial	BERGEN COUNTY 61	North	61	0200061	1.68	Yes	WYOMING RD	35	25	North	North	
41	BERGEN	GARFIELD CITY	2017	11/27/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	Minor Arterial	BERGEN COUNTY 67	South	67	0200067	1.48	Yes	CR 42 / DUTWATER LN	25	25	North	West	
42	BERGEN	EDGEWATER BORO	2017	12/29/2017	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	3	0	0	2	0	0	0	No	Principal Arterial - Other	ROUTE 505	South	505	00000505	5.07	Yes	RUSSELL AVE	35	25	East	West	
43	BERGEN	ENGLWOOD CITY	2017	1/14/2018	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	0	0	0	No	Principal Arterial - Other	ROUTE 505	East	505	00000505	4.98	Yes	WOODLAND	35	25	South	West	
44	BERGEN	ENGLWOOD CITY	2018	1/27/2018	Traffic Signal	Pedalcyclist	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	Not a HPMs Reportable Trafficway	ROUTE 505	West	505	00000505	10.27	Yes	WOODLAND ST	25	25	North	West	
45	BERGEN	WESTWOOD BORO	2018	2/21/2018	Stop Control	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	Not a HPMs Reportable Trafficway	ROUTE 503	West	503	00000503	13.64	Yes	IRVINGTON ST	35	25	North	South	
46	BERGEN	RIDGEFIELD PARK VILLAGE	2018	2/26/2018	Traffic Signal	Fixed Object	Suspected Serious Injury	County	2	0	0	0	0	0	0	No	Not a HPMs Reportable Trafficway	BERGEN COUNTY 70	East	70	0200070	1.84	Yes	IN PROSPECT ST	25	25	North	North	
47	BERGEN	EAST RUTHERFORD BORO	2018</																										

**BERGEN COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS**

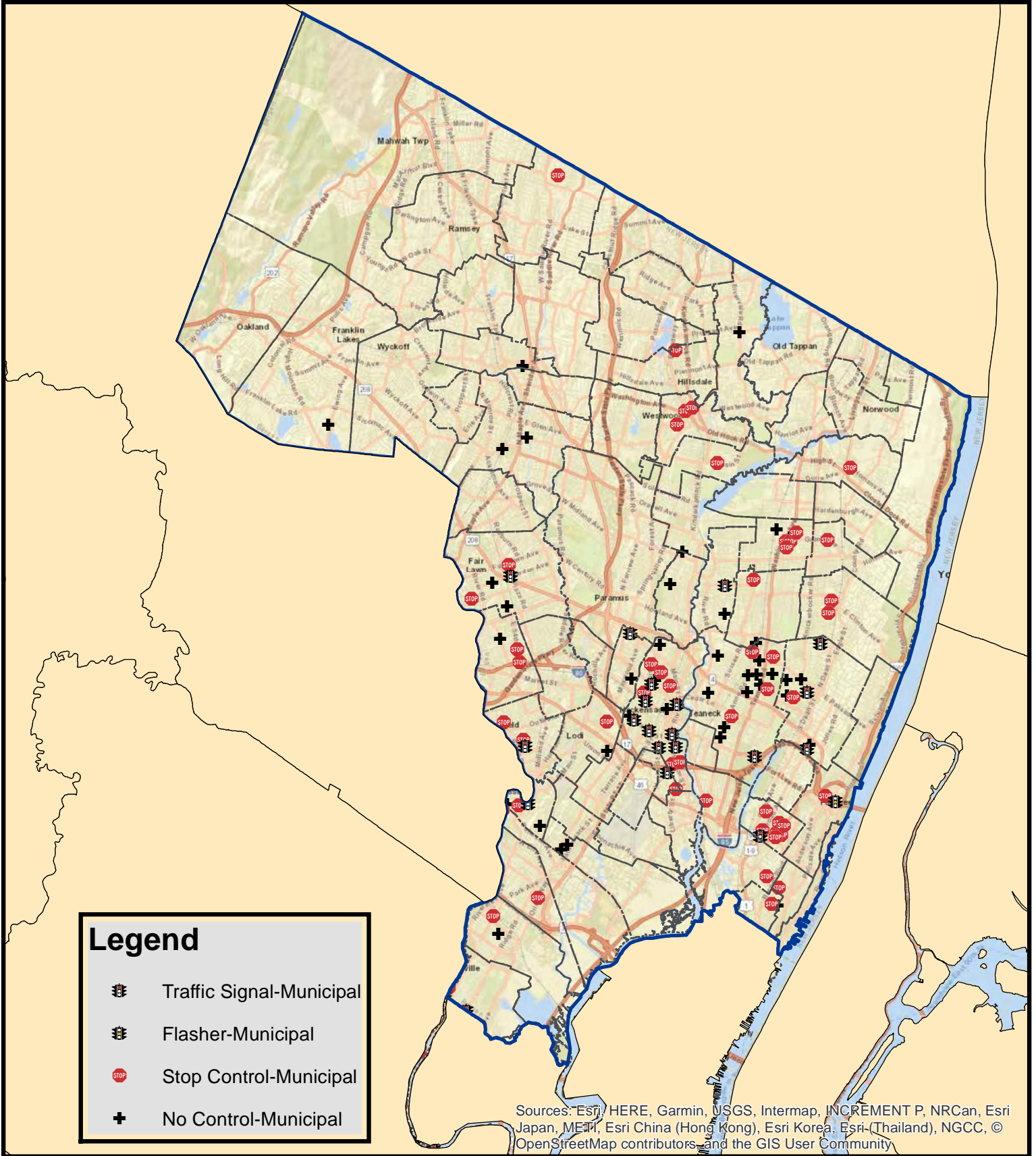
County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Missilepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	
114	BERGEN	TEANECK TWP	2019	12/14/2019	Stop Control	Opposite Direction (Head On)	Suspected Serious Injury	County	3	0	2	0	0	0	0	No	Minor Arterial	BERGEN COUNTY 60	North	60	02000060	0.53	Yes	POMANDEY WALK	25	25	West	North	
115	BERGEN	ENGLISHTOWN	2019	12/17/2019	No Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No	Principal Arterial - Other	ROUTE 501	North	501	00000051	42.91	Yes	BANKER ST	25	25	West	North		
116	BERGEN	CLIFFSIDE PARK BORO	2019	12/18/2019	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	0	1	0	1	0	No	Minor Arterial	BERGEN COUNTY 29	South	29	02000029	1.58	Yes	LAFAYETTE AVE	25	25	East	North	
117	BERGEN	ENGLISHTOWN	2019	12/20/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	2	0	1	0	1	0	No	Not a HPMS Reportable Trafficway	ROUTE 501	South	501	00000051	2.23	Yes	E PASSAIC AVE	25	25	East	North	
118	BERGEN	FRANKLIN LAKES BORO	2019	12/31/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	0	No	Minor Arterial	BERGEN COUNTY 89	North	89	02000089	1.58	Yes	NI 589 / SUMMIT AVE	40	40	North	West	
119	BERGEN	WESTWOOD BORO	2020	1/23/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2	2	0	0	0	0	0	No	Principal Arterial - Other	ROUTE 502	West	502	00000052	17.61	Yes	LEWIS AND CLARK AVE	25	25	East	North	
120	BERGEN	HACKENSACK CITY	2019	12/13/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	4	0	0	3	0	0	0	No	Principal Arterial - Other	ROUTE 503	West	503	00000053	47.85	Yes	E BROADWAY AVE	25	45	West	North	
121	BERGEN	WOOD-HILOB BORO	2020	1/8/2020	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	Yes	Minor Arterial	BERGEN COUNTY 55	South	55	02000055	1.81	Yes	RYERSON AVE	25	25	East	North		
122	BERGEN	DUMONT BORO	2020	1/15/2020	No Control	Fixed Object	Suspected Serious Injury	County	1	0	1	0	0	0	0	No	Minor Arterial	BERGEN COUNTY 74 11	North	74	02000074	2.42	Yes	GARDNER AVENUE	25	25	East	North	
123	BERGEN	DUMONT BORO	2020	1/22/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	1	1	0	1	0	0	0	No	Minor Arterial	BERGEN COUNTY 74 11	South	74	02000074	1.93	Yes	CR 39 / WASHINGTON AVE	25	25	West	North	
124	BERGEN	RIVER VALE TWP	2020	2/8/2020	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	2	0	2	0	0	0	0	No	Minor Arterial	BERGEN COUNTY 53	South	53	02000053	3.40	Yes	CR 116 / OLD TAPPAN RD	35	35	East	North	
125	BERGEN	RUTHERFORD BORO	2020	2/8/2020	No Control	Same Direction - Rear End	Suspected Serious Injury	County	2	0	4	0	0	0	0	No	Minor Arterial	BERGEN COUNTY 532 I	South	53	02000532	1.11	Yes	MORTIMER AVE	25	25	East	North	
126	BERGEN	FAIR LAWN BORO	2020	2/14/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	0	No	Minor Arterial	BERGEN COUNTY 78	West	78	02000078	1.42	Yes	PLAZA RD	35	35	East	North	
127	BERGEN	CLIFFSIDE PARK BORO	2020	2/20/2020	No Control	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	0	No	Minor Arterial	BERGEN COUNTY 29	South	29	02000029	1.70	Yes	AUBORA AVE / EDGEWOOD LN	25	25	East	North	
128	BERGEN	OLD TAPPAN BORO	2020	2/20/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	0	No	Minor Arterial	BERGEN COUNTY 116	West	116	02000116	0.59	Yes	PINE GROVE CT / RICKLAND RD	35	35	East	North	
129	BERGEN	ENGLISHTOWN	2020	2/20/2020	Traffic Signal	Fixed Object	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Minor Arterial	BERGEN COUNTY 64	West	64	02000064	1.20	Yes	ROUTE 501 / DEAN ST	25	25	East	North	
130	BERGEN	FAIR LAWN BORO	2020	3/2/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	0	No	Minor Arterial	BERGEN COUNTY 76	East	76	02000076	1.18	Yes	PLAZA RD / PLAZA RD N	25	35	East	North	
131	BERGEN	HACKENSACK CITY	2020	4/30/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	1	0	0	No	Principal Arterial - Other	BERGHEUTE 502 9	North	502	02000502	0.23	Yes	ROUTE 503 / RIVER ST	25	25	East	North	
132	BERGEN	WALLINGTON BORO	2020	4/13/2020	No Control	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	0	No	Minor Arterial	BERGEN COUNTY 61	East	61	02000061	0.16	Yes	KRUG CT / STEVENS RD	25	25	North	West	
133	BERGEN	RAMSEY BORO	2020	4/14/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	0	No	Principal Arterial - Other	BERGEN COUNTY 581	East	81	02000581	0.42	Yes	CR 81 / CRESCENT AVE	40	35	East	South	
134	BERGEN	TEANECK TWP	2020	4/22/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	3	0	0	0	Yes	Not a HPMS Reportable Trafficway	BERGEN COUNTY 39	North	39	02000039	2.94	Yes	WARD PLZ	35	35	North	West		
135	BERGEN	HACKENSACK CITY	2020	4/22/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Principal Arterial - Other	BERGEN COUNTY 29	North	29	02000029	0.25	Yes	ROUTE 503 / RIVER ST	30	25	East	North	
136	BERGEN	LODI BORO	2020	5/13/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Minor Arterial	BERGEN COUNTY 561	West	56	02000561	2.25	Yes	CR 81 / MAIN ST / ROCHELLE AVE	25	25	West	South	
137	BERGEN	DUMONT BORO	2020	5/17/2020	No Control	Fixed Object	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Major Collector	BERGEN COUNTY 126	West	126	02000126	1.61	Yes	CONGRESS ST	25	25	East	North	
138	BERGEN	ENGLISHTOWN	2020	5/23/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Principal Arterial - Other	ROUTE 501	South	501	00000051	48.40	Yes	E LINDEN AVE	30	30	East	North	
139	BERGEN	ENGLISHTOWN	2020	5/23/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 502	North	502	02000052	3.62	Yes	WINDYWAY DRIVE	40	25	East	North	
140	BERGEN	RIVER VALE TWP	2020	6/7/2020	Stop Control	Right Angle	Suspected Serious Injury	County	3	0	1	0	0	0	0	No	Major Collector	BERGEN COUNTY 131	South	131	02000131	0.00	Yes	HILLSDALE AVE, HILLSDALE, NJ	35	25	East	North	
141	BERGEN	FAIRVIEW BORO	2020	6/10/2020	Traffic Signal	Fatal Injury	Fatal Injury	County	1	1	0	1	0	0	0	No	Minor Arterial	BERGEN COUNTY 48	West	48	02000048	0.06	Yes	CR 29 / CR 63 / ANDERSON AVE / BERG	35	25	West	North	
142	BERGEN	NORWOOD BORO	2020	6/15/2020	Flasher/Warning	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	0	No	Minor Arterial	BERGEN COUNTY 106	East	106	02000106	1.76	Yes	SUNNIT ST	35	25	East	North	
143	BERGEN	NEW MILFORD BORO	2020	6/21/2020	No Control	Fixed Object	Suspected Serious Injury	County	1	0	1	0	0	0	0	No	Principal Arterial - Other	BERGEN COUNTY 41	North	41	02000041	5.36	Yes	MONMOUTH AVE	35	25	East	North	
144	BERGEN	FRANKLIN LAKES BORO	2020	6/26/2020	No Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Principal Arterial - Other	BERGEN COUNTY 85	North	85	02000085	4.29	Yes	CR 76 / CENTURY RD	40	25	East	North	
145	BERGEN	DUMONT BORO	2020	6/9/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Principal Arterial - Other	BERGEN COUNTY 86	North	86	02000086	7.50	Yes	CRESKILL AVE / LOHMANN PL	25	25	East	North	
146	BERGEN	FAIR LAWN BORO	2020	7/22/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	5	2	0	6	0	1	0	No	Minor Arterial	BERGEN COUNTY 76	West	76	02000076	1.10	Yes	PLAZA RD / PLAZA RD N	35	35	East	North	
147	BERGEN	WOODCLIFF LAKE BORO	2020	7/27/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	0	No	Minor Arterial	BERGEN COUNTY 73	South	73	02000073	8.62	Yes	WINDYWAY DRIVE	40	25	East	North	
148	BERGEN	FAIR LAWN BORO	2020	7/28/2020	No Control	Fatal Injury	Fatal Injury	County	2	0	1	0	0	0	0	No	Major Collector	BERGEN COUNTY 76	West	76	02000076	0.44	Yes	PARMELEE AVE	40	25	East	North	
149	BERGEN	DUMONT BORO	2020	7/31/2020	No Control	Same Direction - Rear End	Suspected Serious Injury	County	2	0	2	0	0	0	0	No	Major Collector	BERGEN COUNTY 126	West	126	02000126	1.51	Yes	SUNSET ST	25	25	East	North	
150	BERGEN	FRANKLIN LAKES BORO	2020	8/5/2020	Stop Control	Right Angle	Suspected Serious Injury	County	3	0	2	0	0	0	0	No	Minor Arterial	ROUTE 502	South	502	00000502	7.23	Yes	CR 84 / FRANKLIN AVE	40	40	East	North	
151	BERGEN	DUMONT BORO	2020	8/10/2020	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Principal Arterial - Other	BERGEN COUNTY 39	South	39	02000039	7.28	Yes	VIRGINIA AVE	25	25	North	North	
152	BERGEN	HACKENSACK CITY	2020	8/20/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	1	0	1	0	0	0	No	Minor Arterial - Other	BERGEN COUNTY 56 111	East	56	02000561	4.53	Yes	CR 67 / LINDEN AVE	25	25	East	North	
153	BERGEN	HACKENSACK CITY	2020	8/20/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Minor Arterial	BERGEN COUNTY 62 I	East	62	02000621	0.73	Yes	PROSPECT AVE	35	35	East	North	
154	BERGEN	WESTWOOD BORO	2020	8/25/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Minor Arterial	BERGEN COUNTY 104	West	104	02000104	0.38	Yes	LAKE ST	35	25	East	North	
155	BERGEN	WESTWOOD BORO	2020	8/26/2020	Stop Control	Opposite Direction (Head On)	Suspected Serious Injury	County	4	0	1	0	0	0	0	No	Principal Arterial - Other	ROUTE 502	West	502	00000502	18.49	Yes	EMERSON RD	40	25	East	North	
156	BERGEN	TEANECK TWP	2020	8/28/2020	Flasher/Warning	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	0	No	Principal Arterial - Other	ROUTE 507	North	507	02000507	5.15	Yes	WINDYWAY AVE	35	25	East	North
157	BERGEN	CLIFFSIDE PARK BORO	2020	9/2/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	0	No	Principal Arterial - Other	ROUTE 503	North	503	00000503	15.59	Yes	CR 28 / EMPERE BLVD	40	25	East	North	
158	BERGEN	MIDLAND PARK BORO	2020	9/17/2020	No Control	Pedestrian	Suspected Serious Injury	County	1	1	1	0	1	0	0	No	Principal Arterial - Other	BERGEN COUNTY 84	South	84	02000084	6.57	Yes	PRINCETON AVE	30	25	East	North	
159	BERGEN	MAYWOOD BORO	2020	9/21/2020	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	0	No	Minor Arterial	BERGEN COUNTY 62 I	West	62	02000621	1.16	Yes	ESPLANADE	35				

**BERGEN COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
227	BERGEN	LYNDHURST TWP	2022	9/17/2022	No Control	Fixed Object	Suspected Serious Injury	County	1			0	1	0	0	Yes	Principal Arterial - Other	ROUTE 507	South	507	02000507	5.08	Yes	COPELAND AVE	35	25	East	
228	BERGEN	RIDGEWOOD VILLAGE	2022	9/23/2022	Stop Control	Same Direction - Sideswipe	Suspected Serious Injury	County	2			0	3	0	0	No	Minor Arterial	BERGEN COUNTY 62 II	East	62	02000622	0.70	Yes	FAIRFIELD AVE	25		North	North
229	BERGEN	FAIR LAWN BORO	2022	9/28/2022	No Control	Pedestrian	Suspected Serious Injury	County	1	1		0	1	0	1	No	Minor Arterial	BERGEN COUNTY 79	South	79	0200079	3.53	Yes	MALTESE DR	35	25	East	
230	BERGEN	WESTWOOD BORO	2022	10/4/2022	Traffic Signal	Left Turn/A Turn	Suspected Serious Injury	County	2			0	2	0	0	No	Principal Arterial - Other	BERGEN COUNTY 110 I	North	110	02000110I	4.60	Yes	RIDGEWOOD ROAD	40	35	North	East
231	BERGEN	WESTWOOD BORO	2022	10/11/2022	Traffic Signal	Left Turn/A Turn	Suspected Serious Injury	County	3			0	3	0	0	No	Principal Arterial - Other	ROUTE 502		502	02000502	18.00	Yes	CHARLES ST	40	25	West	South
232	BERGEN	RYER EDGE BORO	2022	10/14/2022	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1			0	1	0	1	No	Principal Arterial - Other	ROUTE 503		503	02000503	8.71	Yes	CLAIBORN CT / VAN BURDEN AVE	30	25	East	
233	BERGEN	BERGENFIELD BORO	2022	10/26/2022	No Control	Same Direction - Sideswipe	Suspected Serious Injury	County	2			0	2	0	0	No	Principal Arterial - Other	BERGEN COUNTY 70	North	70	0200070	1.69	Yes	GRAPHIC BLVD	25	25	North	North
234	BERGEN	TEANECK TWP	2022	10/29/2022	Stop Control	Left Turn/A Turn	Suspected Serious Injury	County	2			0	2	0	0	No	Principal Arterial - Other	BERGEN COUNTY 39	North	39	0200039	1.98	Yes	CR 56 / FORT LEE RD	30	25	East	North
235	BERGEN	WESTWOOD BORO	2022	10/29/2022	Stop Control	Right Angle	Suspected Serious Injury	County	2			0	1	0	0	No	Minor Arterial	BERGEN COUNTY 5114		114	02005114	0.07	Yes	CENTER AVE	25	25	South	East
236	BERGEN	MAYWOOD BORO	2022	11/20/2022	Traffic Signal	Fixed Object	Suspected Serious Injury	County	1			0	1	0	0	No	Minor Arterial	BERGEN COUNTY 59	West	59	0200059	0.54	Yes	CR 44 / E CENTRAL AVE / W CENTRAL A	35	35	West	
237	BERGEN	WESTWOOD BORO	2022	12/7/2022	Stop Control	Right Angle	Suspected Serious Injury	County	2			0	1	0	0	No	Minor Arterial	BERGEN COUNTY 5114		114	02005114	0.07	Yes	CENTER AVE	25	25	East	South
238	BERGEN	DUMONT BORO	2022	12/6/2022	No Control	Fixed Object	Suspected Serious Injury	County	1			0	1	0	0	No	Major Collector	BERGEN COUNTY 126	West	126	02000126	1.21	Yes	HICKORY ST	25	25	West	
239	BERGEN	HASBROUCK HEIGHTS BORO	2022	12/10/2022	Traffic Signal	Pedestrian	Fatal Injury	County	1			1	0	1	0	No	Minor Arterial	BERGEN COUNTY 57		57	0200057	1.83	Yes	BALDWIN AVE	25	25	West	

Unmapped

Bergen County Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)

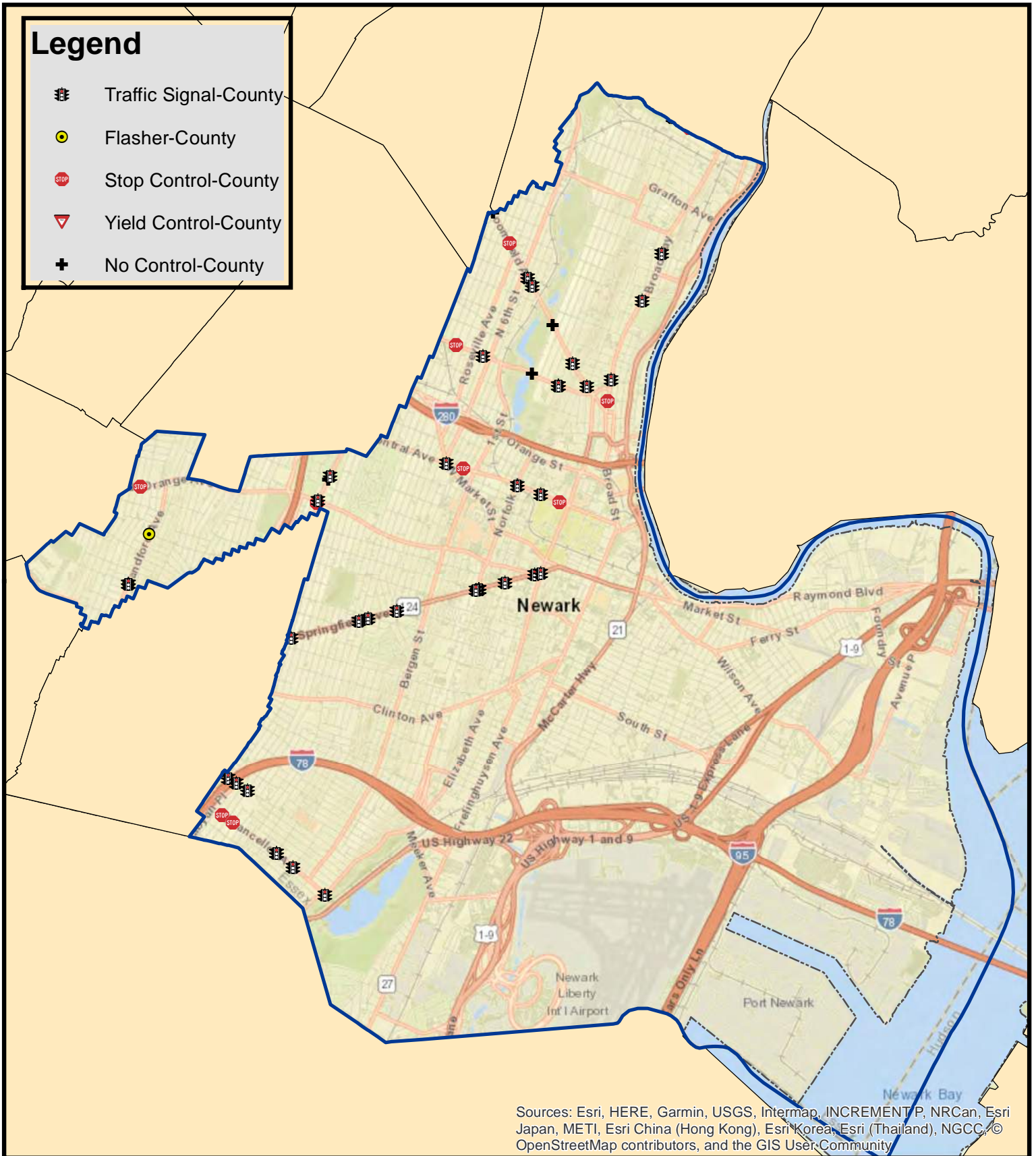


**BERGEN COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction		
1	BERGEN	BERGENFIELD BORO	2018	12/21/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No	Minor Arterial	N PROSPECT ST			02031256	0.13	Yes	W CENTRAL AVE	25	25	West	North		
2	BERGEN	CARLHAYD BORO	2018	11/7/2018	No Control	Left Turn/ U Turn	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Minor Collector	BROAD ST			02051047	0.48	Yes	2ND ST	25	25	West	South		
3	BERGEN	CARLSTADT BORO	2022	7/1/2022	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	No		Local	CENTRAL AVE **			02051047	0.48	Yes	3RD ST	25	25	West			
4	BERGEN	CLIFTON PARK BORO	2023	12/19/2023	Right Angle	Pedestrian	Suspected Serious Injury	Municipal	2		0	0	0	0	No		Local	GREENBROOK AVE	East		02101150	0.27	Yes	SAINTEURS AVENUE	25	25	South	North		
5	BERGEN	CLOSTER BORO	2019	4/6/2019	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	Yes		Major Collector	HOMANS AVE	East		02071166	0.13	Yes	JEFFERSON AVENUE	25	25	North			
6	BERGEN	CRESSKILL BORO	2015	6/17/2015	Stop Control	Right Angle	Fatal Injury	Municipal	1	1	1	0	0	0	No		Major Collector	GRANT AVE	West		02101165	1.04	Yes	JEFFERSON AVENUE	25	25	North			
7	BERGEN	DUMONT BORO	2020	9/12/2020	No Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Local	HOWARD ST **	West		02101043	0.24	Yes	HOWARD ST	25	25	West	East		
8	BERGEN	DUMONT BORO	2020	10/21/2020	No Control	Right Angle	Suspected Serious Injury	Municipal	1	1	1	0	0	0	No		Local	W/ E AYOUB ST / RICHARD DR / MARK	East		02101150	0.27	Yes	MORRISON RD	25	25	South	East		
9	BERGEN	DUMONT BORO	2022	2/8/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Local	DEPUE ST / HUNTING DR **	South		02101039	0.24	Yes	VIRGINIA AVE	25	25	South	East		
10	BERGEN	DUMONT BORO	2022	7/5/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Local	HANDOLPH AVE **	West		02101054	0.60	Yes	HOWARD ST	25	25	West	East		
11	BERGEN	ELMWOOD PARK BORO	2016	11/3/2016	Stop Control	Right Angle	Fatal Injury	Municipal	2		1	0	0	0	No		Major Collector	MOLNAR DR	South		02111171	0.07	Yes	E 54TH STREET	40	35	East	West		
12	BERGEN	ELMWOOD PARK BORO	2017	10/24/2017	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	1	0	1	0	No		Major Collector	SHAW ST	South		02211174	2.22	Yes	WASHINGTON AVENUE	35	25	West			
13	BERGEN	ELMWOOD PARK BORO	2020	6/9/2020	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	0	1	0	No		Not a HPMS Reportable Trafficway	MAIN AVENUE	East				Yes	E 54TH ST	25	25	West			
14	BERGEN	EMERSON BORO	2017	2/23/2017	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	No		Not a HPMS Reportable Trafficway	MAIN ST **	East				Yes	CLINTON STREET	25	25	West			
15	BERGEN	ENGLWOOD CITY	2019	12/5/2019	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	2		0	2	0	0	No	1		Not a HPMS Reportable Trafficway	INGLEWOOD AVE	West				Yes	WILLIAM ST	25	25	South		
16	BERGEN	ENGLWOOD CITY	2019	6/4/2019	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	No			Not a HPMS Reportable Trafficway	COTTAGE PL **	West		02151122	0.00	Yes	W PALISADE AVE	25	25	West	South	
17	BERGEN	ENGLWOOD CITY	2019	7/28/2019	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	No			Not a HPMS Reportable Trafficway	LAFAYETTE PL **	West				Yes	THIRD ST	25	25	North		
18	BERGEN	ENGLWOOD CITY	2019	9/10/2019	No Control	Same Direction - Rear End	Suspected Serious Injury	Municipal	4		0	4	0	0	No			Minor Arterial	BROAD AVE	South		02451663	2.53	Yes	PHILIP AVE	25	25	East	East	
19	BERGEN	ENGLWOOD CITY	2019	12/25/2019	No Control	Other	Suspected Serious Injury	Municipal	1		0	1	0	0	No			Not a HPMS Reportable Trafficway	MURRAY AVE	West				Yes	ROAD END	25	25	West		
20	BERGEN	ENGLWOOD CITY	2019	12/13/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	2	0	1	0	1	No			Not a HPMS Reportable Trafficway	BROAD AVE	West				Yes	E SHEFFIELD AVE	25	25	East		
21	BERGEN	ENGLWOOD CITY	2020	11/14/2020	No Control	Same Direction - Sideswipe	Fatal Injury	Municipal	2		1	0	0	0	No			Minor Arterial	ENGLWOOD AVE	West		02610655	0.61	Yes	GREEN ST	25	25	West		
22	BERGEN	ENGLWOOD CITY	2021	9/24/2021	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No			Not a HPMS Reportable Trafficway	TENAFY RD	West				Yes	W HUDSON AVE	25	25	West		
23	BERGEN	ENGLWOOD CITY	2022	2/17/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No			Local	FOURTH ST **	West		02151143	0.16	Yes	THIRD ST	25	25	West	West	
24	BERGEN	FAIR LAWN BORO	2018	4/27/2018	Traffic Signal	Right Angle	Fatal Injury	Municipal	2		1	1	0	0	No			Not a HPMS Reportable Trafficway	PLAZA RD	North		02171201	0.89	Yes	BERDAN AVE	35	25	North	North	
25	BERGEN	FAIR LAWN BORO	2021	11/2/2021	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No			Not a HPMS Reportable Trafficway	BERDAN AVE	West				Yes	LEINGTON S	25	25	West	North	
26	BERGEN	FAIR LAWN BORO	2022	4/10/2022	No Control	Fixed Object	Suspected Serious Injury	Municipal	1	1	0	4	0	0	No			Major Collector	17TH ST / 54TH ST	North		02111365	1.39	Yes	COLUMBIA ST	25	25	North	South	
27	BERGEN	FAIR LAWN BORO	2022	12/22/2022	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	2		0	0	0	0	No			Not a HPMS Reportable Trafficway	ARNOLD PL / ILLINOIS AVE **	North		02232084	0.38	Yes	WILMINGTON ST	25	25	West	North	
28	BERGEN	FAIRVIEW BORO	2016	10/21/2016	No Control	Pedestrian	Suspected Serious Injury	Municipal	3		0	2	0	0	Yes			Not a HPMS Reportable Trafficway	SIXTH ST	South				0.00	Yes	WALKER ST	25	25	West	West
29	BERGEN	FAIRVIEW BORO	2021	10/13/2021	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No			Not a HPMS Reportable Trafficway	JERSEY AVE	West				0.00	Yes	ANDERSON AVE	25	25	West	West
30	BERGEN	FORT LEE BORO	2015	6/18/2015	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	No			Major Collector	BRIDGE PLAZA NORTH	West		02191169	0.04	Yes	WILMINGTON ST	25	25	East	West	
31	BERGEN	FORT LEE BORO	2020	7/31/2020	Flasher/Warning	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	2		0	1	0	0	No			Major Collector	BRIDGE PLZ N	West		02191169	0.31	Yes	HUDSON ST N	25	25	West	West	
32	BERGEN	FRANKLIN LAKES BORO	2019	6/24/2019	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	No			Local	JANE DR **	West		02120183	0.09	**	JENNY TR	25	25	West	North	
33	BERGEN	GARFIELD CITY	2015	9/14/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No			Major Collector	PALISADE AVE	North		02211156	0.92	Yes	BOYTON ST	25	25	South	North	
34	BERGEN	GARFIELD CITY	2017	9/23/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No			Not a HPMS Reportable Trafficway	BERWELL ST	West		02211449	0.01	Yes	2ND ST	25	25	West	North	
35	BERGEN	GARFIELD CITY	2022	8/19/2022	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	3		0	2	0	0	No	1		Not a HPMS Reportable Trafficway	BELMONT AVE **	West				0.00	Yes	PALISADE AVENUE	25	25	West	East
36	BERGEN	HACKENSACK CITY	2015	9/9/2015	Stop Control	Pedestrian	Fatal Injury	Municipal	2		1	0	0	0	No			Major Collector	JACKSON AVE	South		02212153	0.00	Yes	KENNEDY STREET	25	25	East		
37	BERGEN	HACKENSACK CITY	2015	4/23/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	3		0	3	0	0	No			Not a HPMS Reportable Trafficway	ROUSE ST	South				0.04	Yes	ROUSE ST	35	25	East	South
38	BERGEN	HACKENSACK CITY	2015	10/24/2015	No Control	Struck Pedestrian Vehicle	Suspected Serious Injury	Municipal	2		0	1	0	0	No			Not a HPMS Reportable Trafficway	PROSPECT AVE	West		02232003	0.14	Yes	FARMWOOD AVE	25	25	East	South	
39	BERGEN	HACKENSACK CITY	2016	3/31/2016	Stop Control	Right Angle	Fatal Injury	Municipal	2		1	1	0	0	No			Minor Arterial	SUMMIT AVE	West		02212147	0.43	Yes	ROSS AVE	25	25	North	West	
40	BERGEN	HACKENSACK CITY	2018	12/20/2018	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No			Local	ARCADA RD **	North		02232002	0.00	Yes	CR 54 / ESSEX ST	25	35	North		
41	BERGEN	HACKENSACK CITY	2019	2/25/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	No	1		Minor Arterial	E 54TH ST	North		02232156	0.28	Yes	CR 44 / CENTRAL AVE	25	25	East	West	
42	BERGEN	HACKENSACK CITY	2019	5/6/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No			Major Collector	PROSPECT AVE	North		02232003	0.38	Yes	ROSS AVE	25	25	South	North	
43	BERGEN	HACKENSACK CITY	2019	6/21/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	2	0	1	0	1	No			Not a HPMS Reportable Trafficway	PROSPECT AVE	North				Yes	ESSEX STREET	25	35	North	North	
44	BERGEN	HACKENSACK CITY	2019	11/26/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	2	0	1	0	1	No			Minor Arterial	MAIN ST	North		02212150	0.77	Yes	CR 62 / PASSAIC ST	25	35	South	South	
45	BERGEN	HACKENSACK CITY	2020	12/23/2020	No Control	Pedestrian	Suspected Serious Injury	Municipal	2		0	1	0	0	No			Not a HPMS Reportable Trafficway	UNION ST	North		02212155	0.70	Yes	NEWMAN STREET	25	25	West	North	
46	BERGEN	HACKENSACK CITY	2020	2/16/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No			Not a HPMS Reportable Trafficway	ESSEX STREET	West				Yes	BRIDGEMAN STREET	30	25	East	West	
47	BERGEN	HACKENSACK CITY	2020	2/19/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No			Local	E BRADWAY **	West		02231200	0.10	Yes	ROUTE 503 / RIVER ST	45	48	North	South	
48	BERGEN	HACKENSACK CITY	2020	10/5/2020	Stop Control	Fixed Object	Suspected Serious Injury	Municipal	1	1	0	1	0	0	No			Not a HPMS Reportable Trafficway	MAPLE AVENUE	West				Yes	TRANSIT PARKWAY ACCESS ROAD	25	25	West	North	
49																														

City of Newark

Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)



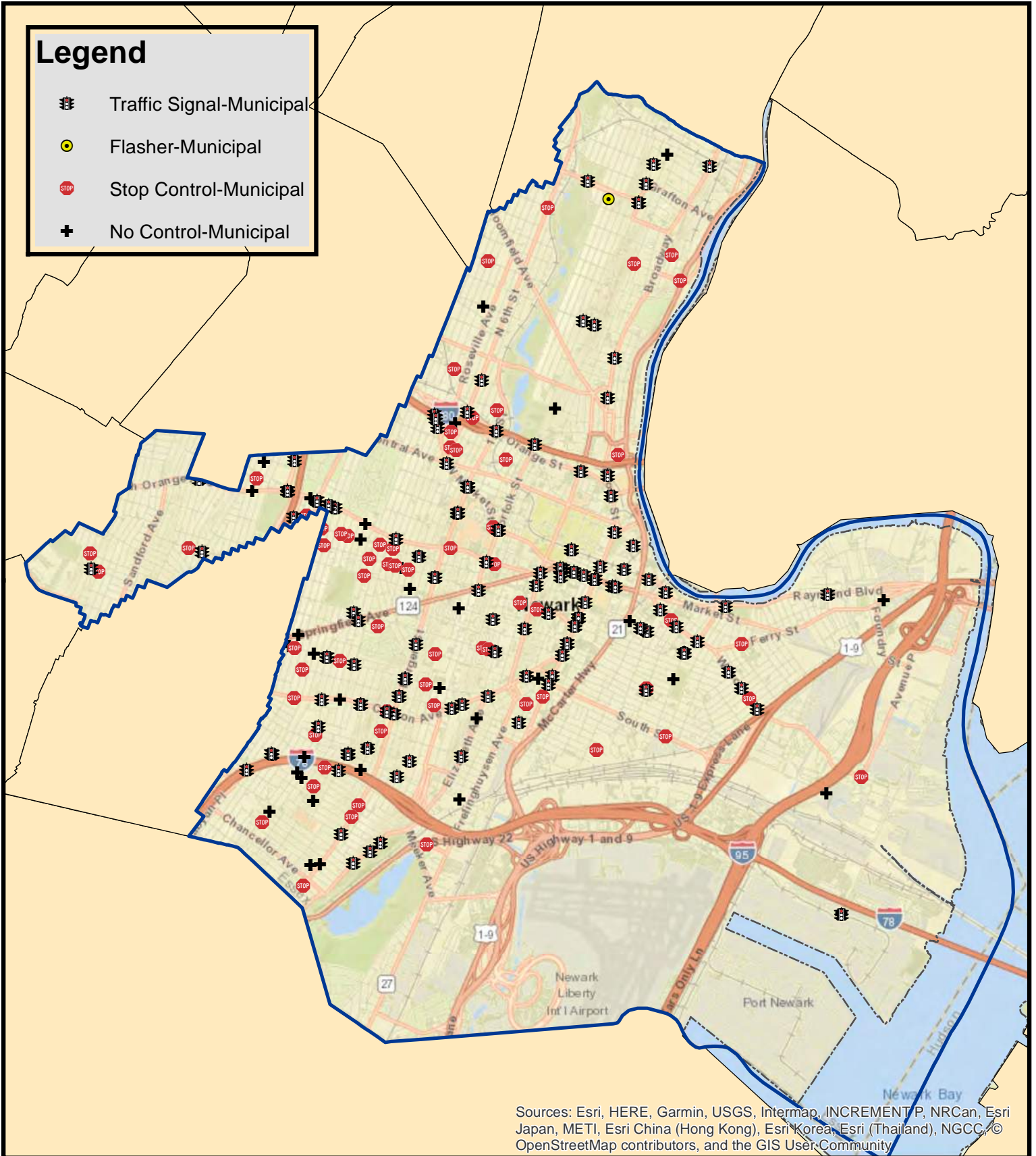
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City of Newark

Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)

Legend

-  Traffic Signal-Municipal
-  Flasher-Municipal
-  Stop Control-Municipal
-  No Control-Municipal



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

CITY OF NEWARK
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrians Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	ESSEX	NEWARK CITY	2015	7/4/2015	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	0	0	2	0	0	No	0	Minor Arterial	18TH AVE	West		07141885	1.63	Yes	S 11TH STREET	25	25	East	West
2	ESSEX	NEWARK CITY	2015	8/8/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	0	1	0	No	0	Minor Arterial	ERRY ST	West		07141884	0.11	Yes	UNION ST	25	25	East	West
3	ESSEX	NEWARK CITY	2015	12/28/2015	Traffic Signal	Encroachment	Suspected Serious Injury	Municipal	2	0	0	2	0	0	No	1	Not an HPMS Reportable Trafficway	HELLER PARKWAY	North		07091883	0.89	Yes	BROOK BROOK PARK DR	25	25	South	East
4	ESSEX	NEWARK CITY	2015	12/28/2015	Traffic Signal	Fixed Object - Rear End	Fatal Injury	Municipal	2	1	1	1	1	0	No	0	Not an HPMS Reportable Trafficway	HELLER PARKWAY	North		07091883	0.89	Yes	BRANCH AVENUE	25	25	West	West
5	ESSEX	NEWARK CITY	2015	8/10/2015	Traffic Signal	Fixed Object	Suspected Serious Injury	Municipal	2	1	0	0	0	0	No	0	Not an HPMS Reportable Trafficway	WAINWRIGHT ST	North		07141886	0.78	Yes	MARKET ST	25	25	North	North
6	ESSEX	NEWARK CITY	2015	10/6/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	0	1	0	No	0	Major Collector	WASHINGTON ST	North		07141836	0.78	Yes	MARKET ST	25	25	North	North
7	ESSEX	NEWARK CITY	2015	10/9/2015	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1	0	1	0	0	No	0	Not an HPMS Reportable Trafficway	SPEEDWAY AVE	North		07141836	1.60	Yes	14TH AVENUE	25	25	North	North
8	ESSEX	NEWARK CITY	2015	12/28/2015	Traffic Signal	Fixed Object	Suspected Serious Injury	Municipal	2	0	0	0	0	0	No	0	Not an HPMS Reportable Trafficway	BRIDGE ST	North		07141836	0.60	Yes	W 12TH ST	25	25	North	South
9	ESSEX	NEWARK CITY	2015	12/28/2015	Traffic Signal	Fixed Object	Suspected Serious Injury	Municipal	2	0	0	0	0	0	No	0	Not an HPMS Reportable Trafficway	BRIDGE ST	North		07141836	0.60	Yes	W 12TH ST	25	25	North	South
10	ESSEX	NEWARK CITY	2015	12/31/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	3	0	0	2	0	0	Yes	0	Minor Arterial	N 6TH ST	South		07141920	0.29	Yes	DELAWARE AVE	25	25	South	East
11	ESSEX	NEWARK CITY	2016	2/6/2016	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	2	0	0	0	0	0	Yes	0	Principal Arterial - Other	BRIDGE ST	West		07141836	1.08	Yes	BRIDGE ST	25	25	North	North
12	ESSEX	NEWARK CITY	2016	2/6/2016	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	2	0	0	0	0	0	Yes	0	Principal Arterial - Other	BRIDGE ST	West		07141836	1.08	Yes	BRIDGE ST	25	25	North	North
13	ESSEX	NEWARK CITY	2016	2/21/2016	Traffic Signal	Stop Control	Suspected Serious Injury	Municipal	1	1	0	0	1	0	No	1	Minor Arterial	18TH AVE	East		07141835	0.52	Yes	18TH ST	25	25	South	North
14	ESSEX	NEWARK CITY	2016	2/21/2016	Traffic Signal	Stop Control	Suspected Serious Injury	Municipal	1	1	0	0	1	0	No	1	Minor Arterial	WILSON AVE	East		07141835	0.52	Yes	18TH ST	25	25	South	North
15	ESSEX	NEWARK CITY	2016	2/28/2016	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	1	0	0	0	No	1	Principal Arterial - Other	ERRY ST	East		07141884	1.92	Yes	LOCKWOOD ST	25	25	South	West
16	ESSEX	NEWARK CITY	2016	2/28/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	0	0	0	No	0	Not an HPMS Reportable Trafficway	HELLER PARKWAY	South		07141838	0.60	Yes	HANOVER ST	25	25	East	East
17	ESSEX	NEWARK CITY	2016	2/28/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	0	0	0	No	0	Not an HPMS Reportable Trafficway	HELLER PARKWAY	South		07141838	0.60	Yes	HANOVER ST	25	25	East	East
18	ESSEX	NEWARK CITY	2016	2/28/2016	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	2	0	2	0	0	0	Yes	0	Not an HPMS Reportable Trafficway	MARLBAM AVE	North		07141838	0.60	Yes	WINDMOUNT AVENUE	25	25	North	North
19	ESSEX	NEWARK CITY	2016	2/28/2016	Traffic Signal	Left Turn / Turn	Suspected Serious Injury	Municipal	2	0	0	0	0	0	No	0	Not an HPMS Reportable Trafficway	MARLBAM AVE	North		07141838	0.60	Yes	WINDMOUNT AVENUE	25	25	North	North
20	ESSEX	NEWARK CITY	2016	8/16/2016	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	1	0	0	No	1	Major Collector	15TH AVE	West		07091883	0.65	Yes	S 11TH STREET	25	25	West	East
21	ESSEX	NEWARK CITY	2016	8/20/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	0	0	0	No	0	Minor Arterial	ELIZABETH AVE	West		07141893	0.75	Yes	ELIZABETH AVE	25	25	South	East
22	ESSEX	NEWARK CITY	2016	9/8/2016	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	No	0	Minor Arterial	18TH AVE	East		07141835	0.51	Yes	SUNSET AVENUE	25	25	East	South
23	ESSEX	NEWARK CITY	2016	8/19/2016	Traffic Signal	Fixed Object	Suspected Serious Injury	Municipal	2	0	0	0	0	0	No	0	Major Collector	AVON AVE	West		07091882	0.38	Yes	SOUTH 14TH STREET	25	25	East	East
24	ESSEX	NEWARK CITY	2016	12/18/2016	No Control	Fixed Object	Fatal Injury	Municipal	1	1	0	0	0	0	No	0	Not an HPMS Reportable Trafficway	SHERMAN AVENUE	South		07091882	0.38	Yes	EAST RIDGLE STREET	25	25	East	East
25	ESSEX	NEWARK CITY	2017	1/25/2017	No Control	Pedestrian	Fatal Injury	Municipal	1	0	0	0	0	0	No	0	Major Collector	ADAMS ST	East		07141909	0.40	Yes	HANOVER ST	25	25	West	West
26	ESSEX	NEWARK CITY	2017	1/30/2017	No Control	Fixed Object	Suspected Serious Injury	Municipal	1	0	0	0	0	0	Yes	0	Not an HPMS Reportable Trafficway	HELLER PARKWAY	West		07141838	0.60	Yes	HANOVER ST	25	25	North	South
27	ESSEX	NEWARK CITY	2017	5/17/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	1	0	0	0	0	0	Yes	0	Not an HPMS Reportable Trafficway	CLINTON AVE	West		07091883	0.81	Yes	S 11TH ST	25	25	North	East
28	ESSEX	NEWARK CITY	2017	7/22/2017	Traffic Signal	Struck Parked Vehicle	Fatal Injury	Municipal	1	1	1	1	0	0	No	0	Not an HPMS Reportable Trafficway	THIRD AVE	East		07141838	0.81	Yes	CR 667	25	25	East	South
29	ESSEX	NEWARK CITY	2017	7/27/2017	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	5	1	0	5	0	0	No	0	Major Collector	ADAMS ST	North		07141909	0.62	Yes	LAFAYETTE ST	25	25	South	North
30	ESSEX	NEWARK CITY	2017	8/9/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	0	1	0	0	0	No	1	Not an HPMS Reportable Trafficway	CR 667	South		07141838	1.02	Yes	CR 667	25	25	East	West
31	ESSEX	NEWARK CITY	2017	8/9/2017	Traffic Signal	Opposite Direction (Side-swipe)	Suspected Serious Injury	Municipal	2	0	0	0	0	0	Yes	0	Not an HPMS Reportable Trafficway	CR 667	South		07141838	1.02	Yes	CR 667	25	25	East	West
32	ESSEX	NEWARK CITY	2018	1/2/2018	Traffic Signal	Fixed Object	Suspected Serious Injury	Municipal	1	0	0	0	0	0	No	0	Not an HPMS Reportable Trafficway	15TH AVE	East		07091883	1.15	Yes	BERGEN ST	25	25	West	West
33	ESSEX	NEWARK CITY	2018	3/8/2018	No Control	Fixed Object	Suspected Serious Injury	Municipal	1	0	0	0	0	0	No	0	Not an HPMS Reportable Trafficway	BERGEN ST	East		07141838	0.90	Yes	BIRCHWOOD ST	25	25	South	South
34	ESSEX	NEWARK CITY	2018	3/8/2018	No Control	Fixed Object	Suspected Serious Injury	Municipal	1	0	0	0	0	0	No	0	Not an HPMS Reportable Trafficway	BERGEN ST	East		07141838	0.90	Yes	BIRCHWOOD ST	25	25	South	South
35	ESSEX	NEWARK CITY	2018	6/15/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	No	0	Not an HPMS Reportable Trafficway	15TH AVE	West		07091883	0.90	Yes	SOUTH 10TH ST	25	25	South	South
36	ESSEX	NEWARK CITY	2018	6/19/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	3	0	0	2	0	0	No	0	Not an HPMS Reportable Trafficway	LINDCOLN AVE	South		07141838	0.94	Yes	CHESTER AVE E	25	25	West	East
37	ESSEX	NEWARK CITY	2018	6/20/2018	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	1	0	0	0	0	0	No	0	Not an HPMS Reportable Trafficway	LINDCOLN AVE	South		07141838	0.94	Yes	CHESTER AVE E	25	25	West	East
38	ESSEX	NEWARK CITY	2018	6/20/2018	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	1	0	0	0	0	0	No	0	Not an HPMS Reportable Trafficway	LINDCOLN AVE	South		07141838	0.94	Yes	CHESTER AVE E	25	25	West	East
39	ESSEX	NEWARK CITY	2018	8/17/2018	Traffic Signal	Right Angle	Fatal Injury	Municipal	3	1	0	0	0	0	No	0	Not an HPMS Reportable Trafficway	MONTCLAIR AVE **	West		07141838	2.04	Yes	CLINTON / WINDMOUNT ST	25	25	West	North
40	ESSEX	NEWARK CITY	2018	10/2/2018	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1	0	0	0	0	No	0	Not an HPMS Reportable Trafficway	RAYMOND BLVD	West		07141838	0.30	Yes	RAYMOND PLAZA EAST	25	25	West	South
41	ESSEX	NEWARK CITY	2018	12/22/2018	Traffic Signal	Same Direction - Side-swipe	Suspected Serious Injury	Municipal	2	0	0	0	0	0	No	0	Not an HPMS Reportable Trafficway	VERONA AVE	West		07141838	0.80	Yes	VERONA AVE	25	25	West	West
42	ESSEX	NEWARK CITY	2018	12/23/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	1	0	0	0	0	0	Yes	0	Minor Arterial	SOUTH ST	West		07141836	0.94	Yes	VAN BUREN ST	25	25	West	East
43	ESSEX	NEWARK CITY	2019	1/16/2019	Traffic Signal	Right Angle	Fatal Injury	Municipal	2	1	0	1	0	0	No	0	Major Collector	VERONA AVE	West		07141837	0.65	Yes	CR 667 / BROADWAY	25	25	South	West
44	ESSEX	NEWARK CITY	2019	1/25/2019	Traffic Signal	Fixed Object	Fatal Injury	Municipal	2	0	0	2	0	0	No	0	Not an HPMS Reportable Trafficway	BRIDGE ST	South		07141835	1.52	Yes	MADISON AVE	25	25	East	East
45	ESSEX	NEWARK CITY	2019	2/14/2019	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	1	0	0	0	0	No	0	Principal Arterial - Other	BRIDGE ST	South		07141835	1.71	Yes	CLINTON / WINDMOUNT ST	25	25	West	East
46	ESSEX	NEWARK CITY	2019	2/22/2019	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	No	0	Local	BADGER AVE **	West		07141103	0.57	Yes	W RULINSON ST	25	25	West	East
47	ESSEX	NEWARK CITY	2019	3/1/2019	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	0	0	0	No	0	Principal Arterial - Other	ROUTE 510	East	510	00000510	26.62	Yes	ISABELLA AVE	25	25	West	West
48	ESSEX	NEWARK CITY	2019	3/1/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	M																				

CITY OF NEWARK
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	
115	ESSEX	NEWARK CITY	2020	02/02/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	1	No	Minor Arterial	ERRY ST	East	07141884	0.47	Yes	JACKSON ST	25	25			
120	ESSEX	NEWARK CITY	2020	07/20/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	1	No	Minor Arterial	BERRY ST	East	07141884	0.28	Yes	JEFFERSON ST	25	25			
121	ESSEX	NEWARK CITY	2020	10/10/2020	Traffic Signal	Same Direction - SideSwipe	Suspected Serious Injury	Municipal	5	0	2	0	2	0	0	0	No	1	Minor Arterial	151 ST / BERGEN ST	North	07141886	3.14	Yes	WEST MARKET ST	25	25		
123	ESSEX	NEWARK CITY	2020	11/26/2020	Stop Control	Left Turn/Right Turn	Suspected Serious Injury	Municipal	2	0	2	0	2	0	0	0	No	1	Major Collector	AVE / COURT ST / LANG ST / WALNUT ST	East	07141885	1.46	Yes	IRVINE BLVD / JONES ST	25	25		
124	ESSEX	NEWARK CITY	2020	12/22/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	4	0	0	0	0	0	No	1	Minor Arterial	AVENUE P / ROANOK ST	West	07141851	0.12	Yes	WILSON AVE	25	25		
124	ESSEX	NEWARK CITY	2020	12/28/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	3	0	3	0	0	0	0	0	No	1	Minor Arterial	151 ST / BERGEN ST	North	07141886	0.66	Yes	CUSTER AVE	25	25		
125	ESSEX	NEWARK CITY	2020	3/1/2020	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	3	0	3	0	0	0	0	0	No	2	Major Collector	HAWTHORNE AVE	West	07141893	1.01	Yes	JELLIE AVE / W PIEDIE ST	25	25	West	West
126	ESSEX	NEWARK CITY	2020	03/06/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	2	1	0	1	0	0	1	0	No	1	Principal Arterial - Other	ROUFS S/D	West	510 0000030	27.74	Yes	BRIDGE ST	25	25		
127	ESSEX	NEWARK CITY	2020	03/27/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	1	0	1	0	0	0	0	No	1	Major Collector	AVON AVE	West	07141882	0.97	Yes	BERGEN ST	25	25		
128	ESSEX	NEWARK CITY	2020	03/27/2020	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	2	0	3	0	0	0	0	0	No	1	Major Collector	AVON AVE	West	07141882	0.97	Yes	BERGEN ST	25	25		
130	ESSEX	NEWARK CITY	2020	03/30/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	No	1	Major Collector	7TH AVE	West	07141877	0.60	Yes	R 790 ST	25	25		
131	ESSEX	NEWARK CITY	2020	03/30/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	No	1	Principal Arterial - Other	ROUTE S/D	West	510 0000030	27.74	Yes	CLINTON PL	25	25		
132	ESSEX	NEWARK CITY	2020	03/27/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	No	1	Local	HOMESTEAD PIKE **	South	07141896	0.18	Yes	CLINTON PL	25	25		
132	ESSEX	NEWARK CITY	2020	03/27/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	0	2	0	0	0	0	0	No	1	Minor Arterial	151 ST / BERGEN ST	North	07141886	0.42	Yes	LEHIGH AVE	25	25		
134	ESSEX	NEWARK CITY	2020	03/27/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	No	1	Major Collector	AVE / COURT ST / LANG ST / WALNUT ST	East	07141885	2.02	Yes	VAN DYKE ST	25	25		
135	ESSEX	NEWARK CITY	2020	03/30/2020	No Control	Fixed Object	Suspected Serious Injury	Municipal	1	0	3	0	0	0	0	0	No	1	Minor Arterial	151 ST / BERGEN ST	North	07141886	0.15	Yes	GOLDSMITH AVE	25	25		
136	ESSEX	NEWARK CITY	2020	03/30/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	No	1	Major Collector	AVON AVE	West	07141882	0.13	Yes	151 ST **	25	25		
137	ESSEX	NEWARK CITY	2020	03/30/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	No	1	Major Collector	CHALMERS JR BLVD	South	07141894	0.41	Yes	W SUNNEY ST	25	25		
138	ESSEX	NEWARK CITY	2020	03/30/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	1	0	No	1	Principal Arterial - Other	BROAD ST	North	07141865	1.03	Yes	FRANKLIN ST / HILL ST	25	25		
139	ESSEX	NEWARK CITY	2020	03/22/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	2	0	2	0	0	2	0	No	1	Principal Arterial - Other	BROAD ST	North	07141865	0.96	Yes	COURT ST / WALNUT ST	25	25		
140	ESSEX	NEWARK CITY	2020	03/31/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	3	0	4	0	0	0	0	0	No	1	Minor Arterial	6TH AVE	South	07141875	0.13	Yes	16TH ST	25	25		
141	ESSEX	NEWARK CITY	2020	03/31/2020	Traffic Signal	Fixed Object	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	No	1	Principal Arterial - Other	ROUTE S/D	East	510 0000030	26.88	Yes	MAYBANK AVE	30	30	West	West
142	ESSEX	NEWARK CITY	2020	03/30/2020	Traffic Signal	Same Direction - SideSwipe	Suspected Serious Injury	Municipal	3	0	1	0	0	0	0	0	No	1	Local	CHADWICK AVE / ROSE ST **	East	07141877	0.52	Yes	CLINTON AVE	25	25		
143	ESSEX	NEWARK CITY	2020	03/20/2020	Fixed Object	Suspected Serious Injury	Municipal	1	0	2	0	0	0	0	0	No	1	Principal Arterial - Other	IN LUTHER KING JR BLVD/MANN ST/MA	West	07172209	2.56	Yes	R 200	25	25			
143	ESSEX	NEWARK CITY	2020	03/20/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	0	5	0	0	0	0	0	No	1	Principal Arterial - Other	ROUFS S/D	West	510 0000030	27.10	Yes	ROUTE 59 / GROVE ST	25	25		
145	ESSEX	NEWARK CITY	2020	03/23/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	No	1	Principal Arterial - Other	ROUFS S/D	East	510 0000030	27.19	Yes	29TH ST	25	25		
146	ESSEX	NEWARK CITY	2020	03/29/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	5	0	5	0	0	0	0	0	No	1	Minor Arterial	N 6TH ST	South	07141830	2.19	Yes	DICKERSON ST	25	25		
147	ESSEX	NEWARK CITY	2020	03/30/2020	Stop Control	Other	Suspected Serious Injury	Municipal	4	0	3	0	0	0	0	0	No	1	Local	WRIGHT ST **	South	07141837	0.31	Yes	PENNSYLVANIA AVE	25	25		
148	ESSEX	NEWARK CITY	2020	03/29/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	1	1	0	0	0	0	0	No	1	Local	JEFFERSON ST **	South	07141836	0.61	Yes	ROUFS ST	25	25		
149	ESSEX	NEWARK CITY	2020	03/29/2020	Stop Control	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	2	0	3	0	0	0	0	0	No	1	Not a HPMS Reportable Trafficway	JEFFERSON ST **	South	07141836	0.61	Yes	ROUFS ST	25	25		
150	ESSEX	NEWARK CITY	2020	03/22/2020	Traffic Signal	Other	Suspected Serious Injury	Municipal	2	0	3	0	0	0	0	0	No	1	Minor Arterial	151 ST / BERGEN ST	South	07141885	0.57	Yes	SHEERER AVE	25	25		
151	ESSEX	NEWARK CITY	2020	03/31/2020	Traffic Signal	Left Turn/Right Turn	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	No	1	Minor Arterial	CLINTON AVE / LINCOLN PIKE	West	07141881	1.01	Yes	N 13TH ST	25	25		
152	ESSEX	NEWARK CITY	2020	03/31/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	No	1	Major Collector	AVON AVE	West	07141882	2.52	Yes	WILSON AVE	25	25		
153	ESSEX	NEWARK CITY	2020	03/25/2020	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	Yes	1	Principal Arterial - Other	IN LUTHER KING JR BLVD/MANN ST/MARKET ST	West	07172209	2.05	Yes	MYRTLE AVE / S 15TH / SUSSEX ST	25	25		
154	ESSEX	NEWARK CITY	2020	03/28/2020	Traffic Signal	Same Direction - Rear End	Fatal Injury	Municipal	3	1	0	0	0	0	0	0	No	1	Minor Arterial	151 ST / BERGEN ST	North	07141886	1.52	Yes	MADISON AVE	25	25	East	East
154	ESSEX	NEWARK CITY	2020	03/28/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	0	2	0	0	0	0	0	No	1	Minor Arterial	CLINTON AVE / LINCOLN PIKE	South	07141881	1.02	Yes	LEHIGH AVE	25	25		
155	ESSEX	NEWARK CITY	2020	03/28/2020	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	No	1	Minor Arterial	CLINTON AVE / LINCOLN PIKE	North	07141881	0.96	Yes	LEHIGH AVE	25	25		
157	ESSEX	NEWARK CITY	2020	03/30/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	0	4	0	0	0	0	0	No	1	Major Collector	WILLIAM ST	West	07141811	0.00	Yes	BROAD ST	25	25		
158	ESSEX	NEWARK CITY	2020	03/23/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	3	0	2	0	0	0	0	0	No	1	Major Collector	AVON AVE	West	07141882	0.38	Yes	S 14TH ST	25	25		
160	ESSEX	NEWARK CITY	2020	03/28/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	No	1	Principal Arterial - Other	ROUFS S/D	West	510 0000030	27.19	Yes	WILSON AVE	25	25		
160	ESSEX	NEWARK CITY	2020	03/27/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	2	0	0	0	0	0	No	1	Local	RIDGEWOOD AVE **	North	07141832	0.12	Yes	MADISON ST	25	25		
161	ESSEX	NEWARK CITY	2020	03/18/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	No	1	Local	S 8TH ST	South	07141223	0.11	Yes	15TH AVE	25	25		
164	ESSEX	NEWARK CITY	2020	03/29/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	No	1	Principal Arterial - Other	BROAD ST	West	07141865	1.96	Yes	COURT ST / WALNUT ST	25	25		
164	ESSEX	NEWARK CITY	2020	03/29/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	1	0	No	1	Minor Arterial	S 12TH AVE	South	07141241	0.12	Yes	15TH ST	25	25		
164	ESSEX	NEWARK CITY	2020	03/25/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	1	0	Yes	1	Minor Arterial	CLINTON AVE / LINCOLN PIKE	West	07141881	0.30	Yes	OSBORNE TER	25	25		
165	ESSEX	NEWARK CITY	2020	03/26/2020	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	2	0	2	0	0	0	0	0	No	1	Major Collector	MONTEALE AVE **	East	07141625	0.36	Yes	CR 847 / MT PROSPECT AVE	25	25		
165	ESSEX	NEWARK CITY	2020	03/23/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	No	1	Major Collector	AVE / COURT ST / LANG ST / WALNUT ST	East	07141885	0.65	Yes	S 12TH ST	25	25		
167	ESSEX	NEWARK CITY	2020	03/23/2020	Stop Control	Other	Fatal Injury	Municipal	1	0	0	0	0	0	0	0	No	1	Principal Arterial - Other	BROAD ST	West	07141865	1.44	Yes	29TH ST	25	25		
168	ESSEX	NEWARK CITY	2020	03/24/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	0	1	0	0	0	0	0	No	1	Minor Arterial	151 ST / BERGEN ST	South	07141885	1.31	Yes	MURKINWALK AVE	25	25		
168	ESSEX	NEWARK CITY	2020	03/28/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	0	No	1	Minor Collector	2ST AVE	East	07051671	0.47	Yes	N 11TH ST	25	25		
170	ESSEX	NEWARK CITY	2020	03/30/2020	Traffic Signal	Left Turn/Right Turn	Fatal Injury	Municipal	2	1	0	0	0	0	0	0	No	1	Principal Arterial - Other	BROAD ST	North	07141865	0.69	Yes	E BIRNEY ST / W WINNEY ST	25	25		
171	ESSEX	NEWARK CITY	2020	03/23/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	1	0	No	1	Principal Arterial - Other	BROAD ST	North	07141865	0.49	Yes	SOUTH ST	25	25		
172	ESSEX	NEWARK CITY	2020	03/30/2020	Traffic Signal	Right Angle	Suspected Serious Injury	M																					

CITY OF NEWARK
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	
237	ESSEX	NEWARK CITY	2022	3/22/2022	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1			0	1	0	0	0	No	Minor Arterial	LOCK ST / RAYMOND BLVD	West		07141852	0.74	Yes	UNIVERSITY AVE	25	25	West	West
238	ESSEX	NEWARK CITY	2022	3/26/2022	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	5			0	3	0	0	0	No	Principal Arterial - Other	RAYMOND BLVD	West		07141867	0.26	Yes	BLANKHARD ST / FERRY ST	35	25	West	West
239	ESSEX	NEWARK CITY	2022	3/26/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	0	No	Local	EMMET ST	West		07141116	0.08	Yes	FRELINGHUYSEN AVE	25	25	South	North
240	ESSEX	NEWARK CITY	2022	3/29/2022	Stop Control	Right Angle	Fatal Injury	Municipal	2			1	0	0	0	0	No	Local	MICHAELSHAW ALL AVE	East		07141110	0.58	Yes	KLUFF AVE	25	25	South	North
241	ESSEX	NEWARK CITY	2022	11/14/2022	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	0	No	Minor Arterial	1ST ST / BERGEN ST	East		07141895	2.93	Yes	12TH AVE	25	25	South	North
242	ESSEX	NEWARK CITY	2022	11/21/2022	Traffic Signal	Fixed Object	Fatal Injury	Municipal	1			1	0	0	0	0	No	Principal Arterial - Other	ROUTE 510	West	510	00000510	29.02	Yes	UNIVERSITY AVE	25	25	West	West
243	ESSEX	NEWARK CITY	2022	11/29/2022	No Control	Fixed Object	Fatal Injury	Municipal	1			1	1	0	0	0	No	Local	PKWY / PARKWAY DR W / WHITTELSH	South		07051798	2.23	Yes	ROUTE 510 / SOUTH ORANGE AVE	25	25	East	East

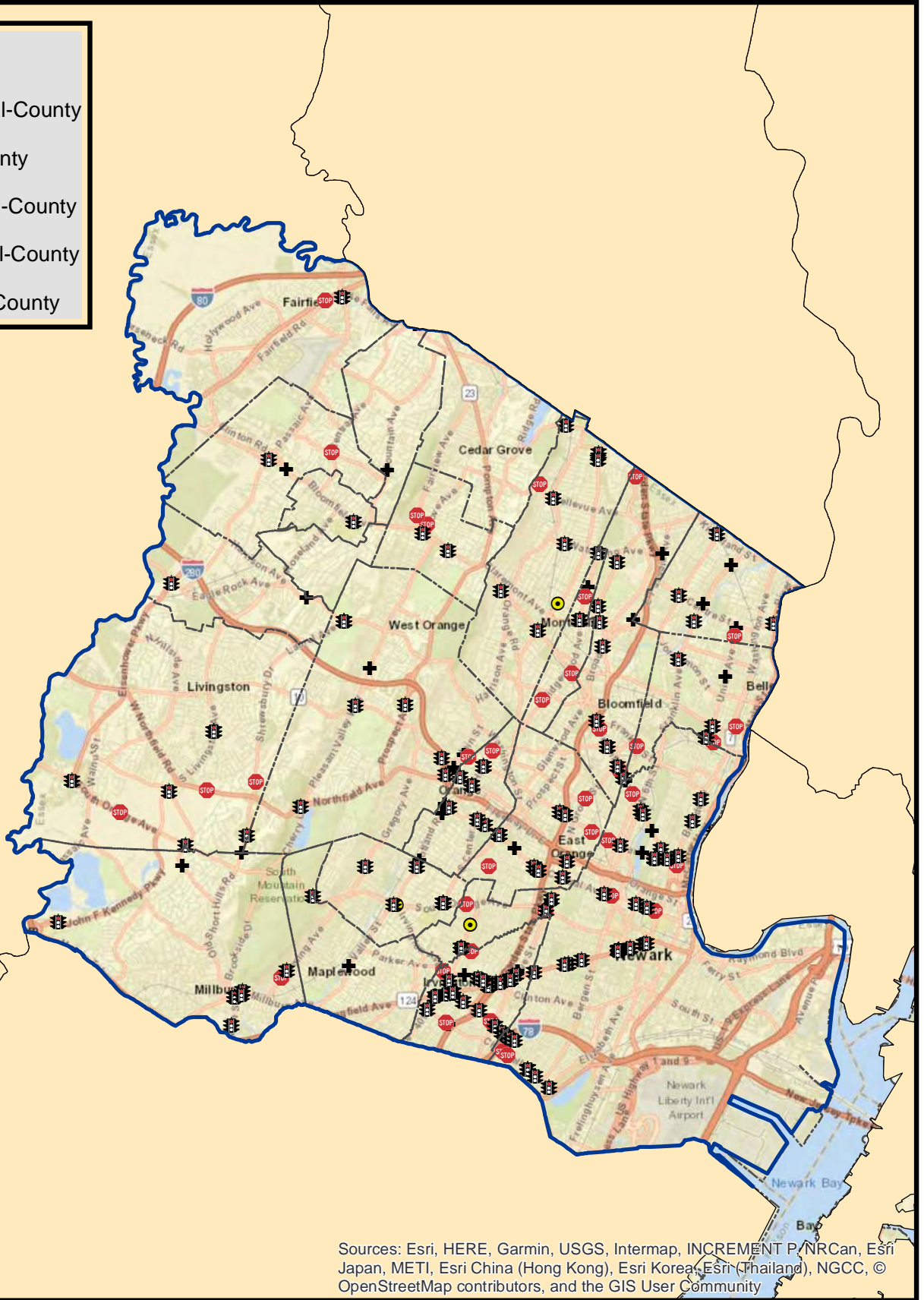
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Essex County

Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)

Legend

-  Traffic Signal-County
-  Flasher-County
-  Stop Control-County
-  Yield Control-County
-  No Control-County



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

**ESSEX COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	ESSEX	LIVINGSTON TWP	2015	1/23/2015	No Control	Left Turn/U Turn	Suspected Serious Injury	County	2	0	0	2	0	0	0	No	Minor Arterial	ROUTE 527	East	527	00000517	73.85	Yes	HANSEN ROAD SOUTH	40	East	North	
2	ESSEX	IRVINGTON TWP	2015	3/19/2015	No Control	Same Direction - Rear End	Suspected Serious Injury	County	4	0	0	1	0	0	0	No	Minor Arterial	ESSEX COUNTY 601	East	601	07000601	0.68	Yes	KROTH PL	25	South	South	
3	ESSEX	VERONA TWP	2015	2/5/2015	Stop Control	Right Angle	Fatal Injury	County	2	1	0	1	0	0	0	No	Major Collector	ESSEX COUNTY 639	North	639	07000639	0.46	Yes	REID AVE	25	25	West	
4	ESSEX	MILLBURN TWP	2015	3/12/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	0	No	Principal Arterial - Other	ROUTE 577	South	577	00000577	0.92	Yes	ROUTE 527 / MILLBURN AVE	30	25	East	
5	ESSEX	EAST ORANGE CITY	2015	1/20/2015	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	0	2	0	0	0	No	Principal Arterial - Other	ROUTE 508	South	508	00000508	2.1	Yes	CLINTON AVE	25	25	North	
6	ESSEX	MILLBURN TWP	2015	6/18/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	County	2	1	0	0	0	0	0	No	Minor Arterial	ROUTE 527	South	527	00000527	71.19	Yes	ROUTE 577 / MAIN ST / MILLBURN AVE	30	25	South	
7	ESSEX	ORANGE CITY	2015	7/8/2015	Traffic Signal	Fatal Injury	Fatal Injury	County	1	1	0	1	0	0	0	No	Minor Arterial	ESSEX COUNTY 638	East	638	07000638	4.59	Yes	CR 659 / MAIN ST	35	25	South	
8	ESSEX	BLOOMFIELD TWP	2015	9/5/2015	No Control	Pedestrian	Fatal Injury	County	1	1	1	1	0	0	0	No	Minor Arterial	ESSEX COUNTY 652	North	652	07000652	1.11	Yes	PAKE ST	40	25	East	
9	ESSEX	SOUTH ORANGE VILLAGE TWP	2015	10/9/2015	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Minor Arterial	ESSEX COUNTY 638	North	638	07000638	2.95	Yes	MONROE AVE	25	25	South	
10	ESSEX	IRVINGTON TWP	2015	10/23/2015	Traffic Signal	Fatal Injury	Fatal Injury	County	1	1	0	0	0	0	0	No	Not a HPMS Reportable Trafficway	CLINTON AVE	West	0	00000000	0.00	Yes	ORANGE AVENUE	25	25	East	
11	ESSEX	EAST ORANGE CITY	2015	11/3/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	0	No	Principal Arterial - Other	ROUTE 508	West	508	00000508	8.41	Yes	S MUNN AVE	35	25	East	
12	ESSEX	NEWARK CITY	2015	11/6/2015	No Control	Left Turn/U Turn	Suspected Serious Injury	County	3	0	2	0	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 658	North	658	07000658	3.42	Yes	LAKE ST	25	25	North	
13	ESSEX	ORANGE CITY	2015	12/5/2015	No Control	Pedestrian	Fatal Injury	County	1	1	1	2	0	0	0	No	Principal Arterial	ESSEX COUNTY 638	West	638	07000638	3.08	Yes	HANDOUR PLACE	25	25	South	
14	ESSEX	NEWARK CITY	2016	1/25/2016	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	2	1	0	0	0	No	Principal Arterial - Other	ROUTE 506 SPUR	West	506	00000506	3.50	Yes	MT PROSPECT AVE	25	25	West	
15	ESSEX	NEWARK CITY	2016	1/13/2016	Flasher/Warning	Right Angle	Suspected Serious Injury	County	2	0	4	0	0	0	0	No	Minor Arterial	ESSEX COUNTY 605	North	605	07000605	1.18	Yes	18TH AVE	30	25	North	
16	ESSEX	NEWARK CITY	2016	1/11/2016	Flasher/Warning	Right Angle	Suspected Serious Injury	County	2	0	3	0	0	0	0	No	Minor Arterial	ESSEX COUNTY 605	North	605	07000605	1.18	Yes	18TH AVE	30	25	North	
17	ESSEX	IRVINGTON TWP	2016	2/21/2016	No Control	Pedestrian	Suspected Serious Injury	County	1	2	0	0	1	0	0	Yes	Minor Arterial	ESSEX COUNTY 619	East	619	07000619	1.62	Yes	CR 665 / CLINTON AVE	25	25	East	
18	ESSEX	IRVINGTON TWP	2016	2/26/2016	No Control	Pedestrian	Fatal Injury	County	1	2	0	0	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 668	West	668	07000668	1.39	Yes	BRUEN AVE	25	25	West	
19	ESSEX	NEWARK CITY	2016	5/19/2016	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	0	1	0	0	0	No	Principal Arterial - Other	ROUTE 508	West	508	00000508	10.73	Yes	LOCK ST	25	25	West	
20	ESSEX	NEWARK CITY	2016	5/28/2016	No Control	Other	Fatal Injury	County	1	0	0	0	0	0	0	No	Minor Arterial	ROUTE 509	South	509	00000509	11.67	Yes	GRAIN ST	25	25	East	
21	ESSEX	BLOOMFIELD TWP	2016	7/12/2016	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	3	1	0	1	0	0	0	No	Principal Arterial - Other	ROUTE 506 SPUR	East	506	00000506	1.49	Yes	AMPHRE PKWY	25	25	West	
22	ESSEX	NEWARK CITY	2016	8/16/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	0	No	Principal Arterial - Other	ROUTE 510	East	510	00000510	20.69	Yes	CR 608 / E HOBART GAP RD / WHITE CA	50	25	South	
23	ESSEX	NEWARK CITY	2016	9/2/2016	Traffic Signal	Fixed Object	Suspected Serious Injury	County	2	0	3	0	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 603	West	603	07000603	3.99	Yes	BROOM ST	25	25	West	
24	ESSEX	FAIRFIELD BORO	2016	9/2/2016	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	1	0	0	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 613	West	613	07000613	5.68	Yes	CR 615 / LITTLE FALLS RD	45	40	North	
25	ESSEX	NEWARK CITY	2016	9/12/2016	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	0	0	0	0	0	No	Principal Arterial - Other	ROUTE 510	South	510	00000510	28.80	Yes	CR 603 / SPRINGFIELD AVE	45	40	West	
26	ESSEX	NEWARK CITY	2016	9/12/2016	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	0	0	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 645	East	645	00000645	3.77	Yes	23RD AVE	35	25	East	
27	ESSEX	MILLBURN TWP	2016	9/30/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	2	0	0	0	0	0	No	Principal Arterial - Other	ROUTE 577	North	577	00000577	1.03	Yes	LACKAWANNA PL	30	25	North	
28	ESSEX	NEWARK CITY	2016	12/02/2016	Flasher/Warning	Left Turn/U Turn	Suspected Serious Injury	County	2	0	2	0	0	0	0	No	Minor Arterial	ESSEX COUNTY 605	North	605	07000605	0.78	Yes	MT VERNON PL	30	25	North	
29	ESSEX	NEWARK CITY	2016	12/19/2016	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 603	West	603	07000603	1.87	Yes	S 20TH ST	25	25	West	
30	ESSEX	WEST ORANGE TWP	2017	1/18/2017	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	0	1	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 636	South	636	07000636	1.87	Yes	NI 320 / HARTMAN AVE	45	40	South	
31	ESSEX	BLOOMFIELD TWP	2017	2/5/2017	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2	0	4	0	0	0	0	Yes	Principal Arterial - Other	ROUTE 506 SPUR	West	506	00000506	1.65	Yes	WATSESSING AVE	25	25	West	
32	ESSEX	IRVINGTON TWP	2017	2/12/2017	Traffic Signal	Pedestrian	Fatal Injury	County	2	1	0	1	0	0	0	No	Principal Arterial	ESSEX COUNTY 602	West	602	07000602	0.23	Yes	PARK PL	25	25	West	
33	ESSEX	BELLEVILLE TWP	2017	2/22/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	County	2	0	1	0	1	0	0	No	Minor Arterial	ESSEX COUNTY 645	North	645	07000645	1.78	Yes	JORALEMON ST	35	25	North	
34	ESSEX	IRVINGTON TWP	2017	2/26/2017	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	2	0	1	0	0	0	0	Yes	Minor Arterial	ESSEX COUNTY 602	North	602	07000602	0.00	Yes	CR 663 / SPRINGFIELD AVE	25	25	West	
35	ESSEX	NEWARK CITY	2017	2/24/2017	Flasher/Warning	Right Angle	Suspected Serious Injury	County	1	1	2	0	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 663	West	663	07000663	3.62	Yes	CLIFTON AVE	25	25	West	
36	ESSEX	NEWARK CITY	2017	5/30/2017	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	4	0	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 658	West	658	07000658	3.62	Yes	CLIFTON AVE	25	25	West	
37	ESSEX	NEWARK CITY	2017	6/13/2017	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Principal Arterial - Other	ROUTE 509	North	509	00000509	11.55	Yes	ROUTE 510 / DRANGE AVE	25	25	East	
38	ESSEX	MILLBURN TWP	2017	8/10/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Minor Arterial	ROUTE 577	North	577	00000577	1.88	Yes	CYPRESS ST	35	25	West	
39	ESSEX	EAST ORANGE CITY	2017	9/15/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	0	No	Minor Arterial	ESSEX COUNTY 605	North	605	07000605	2.20	Yes	RHODE ISLAND AVE	25	25	North	
40	ESSEX	IRVINGTON TWP	2017	9/23/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	Principal Arterial - Other	ESSEX COUNTY 603	West	603	07000603	1.47	Yes	MAPLE AVE / N MAPLE AVE	25	25	East	
41	ESSEX	IRVINGTON TWP	2017	10/23/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	2	0	2	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 603	South	603	07000603	1.47	Yes	MAPLE AVE / N MAPLE AVE	25	25	East	
42	ESSEX	IRVINGTON TWP	2017	10/23/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 603	East	603	07000603	1.47	Yes	MAPLE AVE / N MAPLE AVE	25	25	South	
43	ESSEX	NEWARK CITY	2017	11/21/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	0	0	0	No	Principal Arterial - Other	ROUTE 510	East	510	00000510	28.84	Yes	CR 603 / SPRINGFIELD AVE	25	25	East	
44	ESSEX	FAIRFIELD BORO	2017	11/21/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Minor Arterial	ESSEX COUNTY 615	East	615	07000615	1.97	Yes	FAIRFIELD CT	45	25	South	
45	ESSEX	MILLBURN TWP	2017	12/24/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	2	0	1	0	0	0	No	Principal Arterial - Other	ROUTE 527	South	527	00000527	71.19	Yes	ROUTE 577 / MAIN ST / MILLBURN AVE	25	25	East	
46	ESSEX	MONTCLAIR TWP	2018	2/24/2018	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	0	1	0	0	0	No	Not a HPMS Reportable Trafficway	ESSEX COUNTY 623	West	623	07000623	3.12	Yes	CR 642 / MT HEBRON RD	25	35	West	
47	ESSEX	NEWARK CITY	2018	4/24/2018	No Control	Right Angle	Suspected Serious Injury	County	1	1	0	0	0	0	0	No	Not a HPMS Reportable Trafficway	ESSEX COUNTY 636	South	636	07000636	1.87	Yes	CLIFTON AVE	25	25	West	
48	ESSEX	IRVINGTON TWP	2018	5/6/2018	No Control	Right Angle	Suspected																					

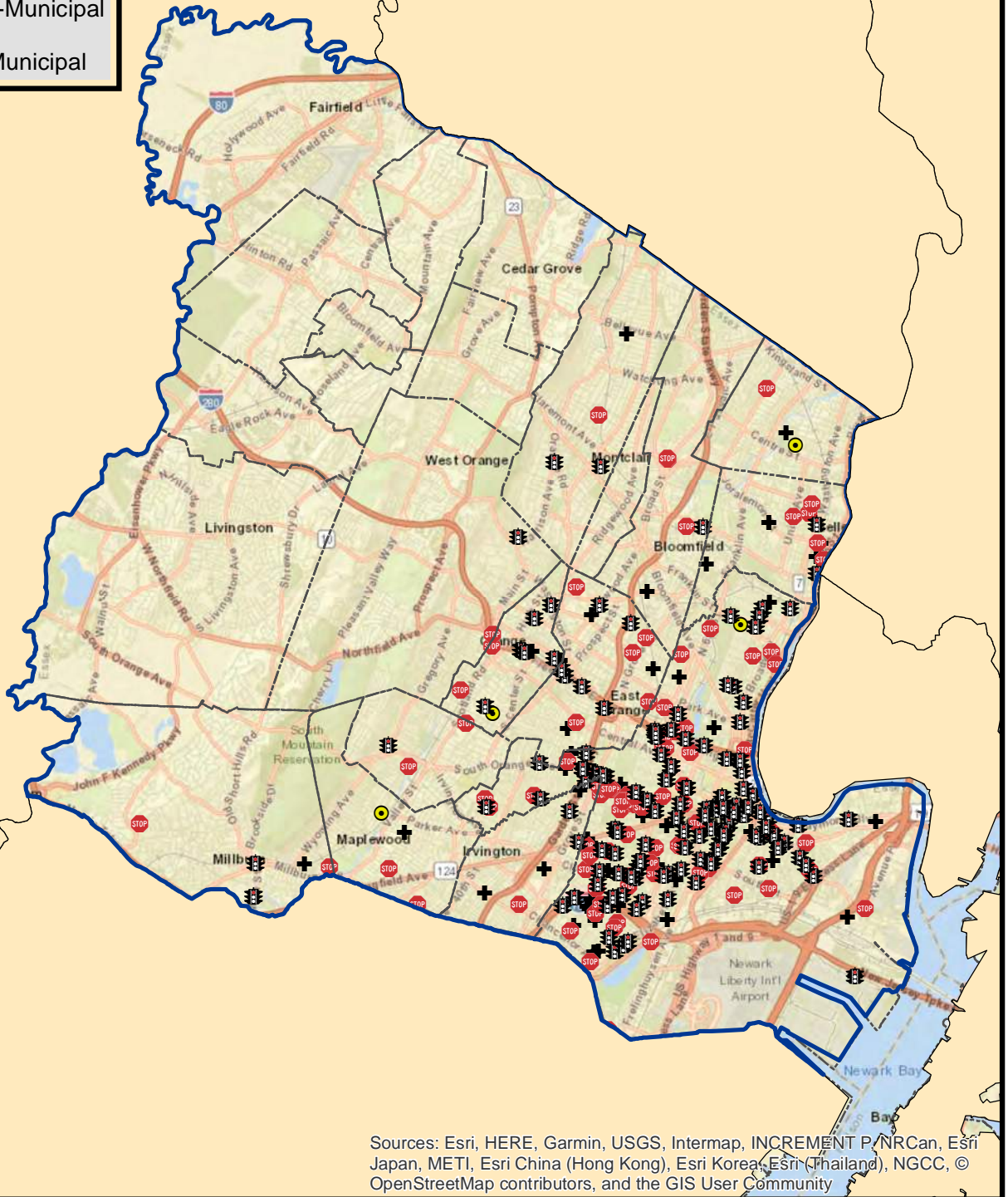
**ESSEX COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
134	ESSEX	IRVINGTON TWP	2020	7/25/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	2	0	2	0	2	0	No	Minor Arterial	ROUTE 508	South	508	00000509	18.14	Yes	16TH AVE	25	25		
135	ESSEX	NEWARK CITY	2020	8/13/2020	Traffic Signal	Right Angle	Fatal Injury	County	2	1	1	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 603	North	603	07000603	2.67	Yes	S 6TH ST	25	25	North	South	
136	ESSEX	EAST ORANGE CITY	2020	8/14/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	No	Principal Arterial - Other	ROUTE 508	East	508	00000508	7.95	Yes	S HARRISON ST	25	25			
137	ESSEX	GLEN RIDGE BORO	2020	8/18/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	0	2	0	0	No	Minor Arterial	ESSEX COUNTY 653	East	653	07000653	2.07	Yes	CR 654 / BAY AVE	25	25			
138	ESSEX	GLEN RIDGE BORO	2020	8/18/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	County	2	0	1	0	1	0	No	Principal Arterial - Other	ESSEX COUNTY 653	East	653	07000653	3.20	Yes	CR 654 / WASHINGTON AVE	25	25			
139	ESSEX	WEST CALDWELL TWP	2020	9/10/2020	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	4	1	0	2	0	0	No	Principal Arterial - Other	ROUTE 506	West	506	00000506	1.22	Yes	CR 613 / PASSAIC AVE	35	35			
120	ESSEX	IRVINGTON TWP	2020	10/1/2020	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	0	1	0	1	No	Minor Arterial	ESSEX COUNTY 638	North	638	07000638	4.95	Yes	CR 638 / PARK AVE	25	25			
121	ESSEX	IRVINGTON TWP	2020	10/4/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	0	1	0	0	No	Minor Arterial	ROUTE 509	North	509	00000509	17.36	Yes	CR 603 / SPRINGFIELD AVE	25	25			
122	ESSEX	NEWARK CITY	2020	10/13/2020	No Control	Pedalcyclist	Suspected Serious Injury	County	1	0	1	0	0	0	No	Principal Arterial - Other	ROUTE 506 SPUR	North	506	00000506	2.51	Yes	ABBINGTON AVE / N 9TH ST	25	25			
123	ESSEX	EAST ORANGE CITY	2020	10/20/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	0	0	No	Principal Arterial - Other	ROUTE 508	East	508	00000508	8.81	Yes	S 5TH AVE	25	35			
124	ESSEX	LIVINGSTON TWP	2020	10/14/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	No	Minor Arterial	ROUTE 527	South	527	00000527	74.15	Yes	E R DRIVE	35	35			
125	ESSEX	NORTH CALDWELL BORO	2020	10/16/2020	No Control	Right Angle	Suspected Serious Injury	County	3	0	3	0	0	0	Yes	Minor Arterial	ROUTE 527	South	527	00000527	82.35	Yes	HICKORY DR / WIND RIDGE DR	40	40			
126	ESSEX	LIVINGSTON TWP	2020	10/18/2020	Traffic Signal	Pedalcyclist	Suspected Serious Injury	County	1	1	0	1	0	0	No	Principal Arterial - Other	ESSEX COUNTY 649	South	649	07000649	6.05	Yes	BELMONT AVE / W OAKWOOD AVE	35	25			
127	ESSEX	IRVINGTON TWP	2020	10/18/2020	No Control	Same Direction - Rear End	Suspected Serious Injury	County	3	1	0	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 602	West	602	07000602	0.94	Yes	WOOLSEY ST	25	25			
128	ESSEX	EAST ORANGE CITY	2020	10/26/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	No	Principal Arterial - Other	ROUTE 508	West	508	00000508	8.71	Yes	FREEMAN AVE / ST AGNES LN	25	25			
129	ESSEX	NEWARK CITY	2020	11/2/2020	Stop Control	Pedestrian	Fatal Injury	County	1	1	0	1	0	0	No	Minor Arterial	ESSEX COUNTY 601	East	601	07000601	1.71	Yes	WAIRWRIGHT ST	25	25			
130	ESSEX	EAST ORANGE CITY	2020	11/17/2020	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	2	0	0	0	No	Principal Arterial - Other	ROUTE 508	North	508	00000508	7.95	Yes	S HARRISON ST	25	25			
131	ESSEX	IRVINGTON TWP	2020	11/29/2020	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	1	0	0	0	No	Minor Arterial	ESSEX COUNTY 602	West	602	07000602	1.04	Yes	CORRIE ST	25	25			
132	ESSEX	NEWARK CITY	2021	1/7/2021	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	No	Minor Arterial	ESSEX COUNTY 601	East	601	07000601	2.59	Yes	MAPLE AVE	25	25			
133	ESSEX	IRVINGTON TWP	2021	1/4/2021	Traffic Signal	Left Turn/U Turn	Fatal Injury	County	2	1	1	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 603	East	603	07000603	0.51	Yes	CR 602 / VIONS AVE	25	25			
134	ESSEX	NUTLEY TWP	2021	1/7/2021	Stop Control	Right Angle	Fatal Injury	County	2	1	2	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 647	East	647	07000647	1.73	Yes	HANCOX AVE	25	25			
135	ESSEX	IRVINGTON TWP	2021	1/28/2021	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	0	0	No	Not a HPMS Reportable Trafficway	SPRINGFIELD AVE	East				Yes	WASHINGTON AVE	25	25	East		
136	ESSEX	IRVINGTON TWP	2021	4/25/2021	Traffic Signal	Opposite Direction (Sidewalk)	Suspected Serious Injury	County	2	0	3	0	0	0	No	Not a HPMS Reportable Trafficway	CLINTON AVE	East				Yes	SPRINGFIELD AVE	25	25		South	
137	ESSEX	NEWARK CITY	2021	4/27/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No	Minor Arterial	ESSEX COUNTY 667	North	667	07000667	0.08	Yes	GOVERNOUR ST	25	25			
138	ESSEX	IRVINGTON TWP	2021	4/30/2021	Traffic Signal	Pedalcyclist	Suspected Serious Injury	County	1	1	0	1	0	0	No	Minor Arterial	ESSEX COUNTY 605	West	605	07000605	0.22	Yes	LAUREL AVE	25	25	West		
139	ESSEX	IRVINGTON TWP	2021	4/13/2021	Traffic Signal	Other	Suspected Serious Injury	County	1	2	0	1	0	0	No	Principal Arterial - Other	ESSEX COUNTY 603	North	603	07000603	1.47	Yes	MAPLE AVE / MAPLE AVE	25	25	West		
140	ESSEX	NUTLEY TWP	2021	5/19/2021	No Control	Left Turn/U Turn	Suspected Serious Injury	County	2	0	1	0	0	0	No	Minor Arterial	ESSEX COUNTY 645	West	645	07000645	3.56	Yes	BROOKFIELD AVE	25	25	East	North	
141	ESSEX	MAPLEWOOD TWP	2021	5/29/2021	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2	0	2	0	0	0	No	Principal Arterial - Other	ROUTE 510	East	510	00000510	23.11	Yes	BERGEN ST	25	25	South	West	
142	ESSEX	WEST ORANGE CITY	2021	6/25/2021	No Control	Pedestrian	Fatal Injury	County	1	1	0	1	0	0	No	Not a HPMS Reportable Trafficway	MAIN ST	South				Yes	LINDSLEY AVE	25	25			
143	ESSEX	NEWARK CITY	2021	7/18/2021	No Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	1	0	No	Principal Arterial - Other	ESSEX COUNTY 658	West	658	07000658	2.81	Yes	11TH ST	25	25	West	East	
144	ESSEX	NEWARK CITY	2021	7/16/2021	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 658	West	658	07000658	2.81	Yes	11TH ST	25	25	West	East	
145	ESSEX	NEWARK CITY	2021	8/5/2021	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No	Principal Arterial - Other	ROUTE 510	West	510	00000510	25.79	Yes	MONTICELLO AVE	25	25	West	East	
146	ESSEX	NEWARK CITY	2021	8/8/2021	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	Yes	Principal Arterial - Other	ROUTE 506 SPUR	East	506	00000506	2.79	Yes	1ST AVE / 5TH ST	25	25	South	East	
147	ESSEX	NEWARK CITY	2021	8/13/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	No	Minor Arterial	ESSEX COUNTY 667	East	667	07000667	0.80	Yes	ARLINGTON AVE	25	25	South	East	
148	ESSEX	NEWARK CITY	2021	8/17/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 665	North	665	00000665	3.30	Yes	WESTMONT PL	25	25	North	South	
149	ESSEX	NEWARK CITY	2021	8/20/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	4	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 603	North	603	07000603	0.30	Yes	IRVINE TURNER BLVD / JONES ST	25	25	East	South	
150	ESSEX	NEWARK CITY	2021	8/23/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 658	West	658	07000658	3.02	Yes	N 7TH ST	25	25	West	North	
151	ESSEX	ORANGE CITY	2021	8/23/2021	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	No	Principal Arterial - Other	ESSEX COUNTY 659	North	659	07000659	0.23	Yes	N JEFFERSON ST / S JEFFERSON ST	25	25	East	West	
152	ESSEX	BELLEVILLE TWP	2021	8/24/2021	No Control	Opposite Direction (Head On)	Suspected Serious Injury	County	2	0	1	0	0	0	No	Minor Arterial	ESSEX COUNTY 647	North	647	07000647	1.01	Yes	TITTLE ST	25	25	North	East	
153	ESSEX	EAST ORANGE CITY	2021	8/24/2021	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	2	0	1	0	1	No	Principal Arterial - Other	ESSEX COUNTY 658	West	658	07000658	1.88	Yes	N ARLINGTON AVE	35	25			
154	ESSEX	EAST ORANGE CITY	2021	8/31/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	3	0	0	0	No	Not a HPMS Reportable Trafficway	N ORATON PKWY	South				Yes	PARK AVE	25	25			
155	ESSEX	NEWARK CITY	2021	9/22/2021	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	No	Principal Arterial - Other	ESSEX COUNTY 603	South	603	07000603	2.45	Yes	S 10TH ST	25	25	East		
156	ESSEX	LIVINGSTON TWP	2021	9/26/2021	Stop Control	Opposite Direction (Head On)	Suspected Serious Injury	County	2	0	1	0	0	0	No	Minor Arterial	ROUTE 527	North	527	00000527	79.06	Yes	WESTMONT DR	25	25			
157	ESSEX	WEST ORANGE TWP	2021	9/30/2021	Traffic Signal	Fatal Injury	Fatal Injury	County	1	1	0	1	0	0	No	Principal Arterial - Other	ESSEX COUNTY 660	West	660	07000660	0.42	Yes	BRENNAN DR	25	40			
158	ESSEX	NEWARK CITY	2021	10/3/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 603	South	603	07000603	3.30	Yes	IRVINE TURNER BLVD / JONES ST	25	25	East	South	
159	ESSEX	EAST ORANGE CITY	2021	11/3/2021	Stop Control	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	No	Not a HPMS Reportable Trafficway	PARK AVE	East				Yes	N 17TH ST	35	25	South		
160	ESSEX	NEWARK CITY	2021	11/21/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	No	Minor Arterial	ESSEX COUNTY 601	East	601	07000601	2.35	Yes	PARK VIEW TER	25	25	North	South	
161	ESSEX	LIVINGSTON TWP	2021	12/6/2021	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	4	0	0	0	No	Principal Arterial - Other	ESSEX COUNTY 649	North	649	07000649	3.81	Yes	CR					

Essex County Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)

Legend

-  Traffic Signal-Municipal
-  Flasher-Municipal
-  Stop Control-Municipal
-  No Control-Municipal



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

**ESSEX COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	ESSEX	BELLEVILLE TWP	2019	5/3/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Major Collector	MAIN ST	South		07011221	0.34	Yes	HOLMES ST	25	25	East	South
2	ESSEX	BELLEVILLE TWP	2019	7/24/2019	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	2	0	1	0	0	No		Local	LITTLE ST **	South		07011228	0.72	Yes	LINDEN AVE	25	25	East	South
3	ESSEX	BELLEVILLE TWP	2020	5/19/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	No		Major Collector	MAIN ST	South		07011227	0.57	Yes	ROUTE 506 / RUTGERS ST	25	25	East	South
4	ESSEX	BELLEVILLE TWP	2020	5/24/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Local	LEWIS AVE **	South		07011174	0.36	Yes	OVERLOOK AVE	25	25	South	East
5	ESSEX	BELLEVILLE TWP	2021	8/16/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Local	CORLIAND ST **	South		07011111	0.86	Yes	JOHLEMON ST	25	25	South	North
6	ESSEX	BELLEVILLE TWP	2021	10/15/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Local	CHESTNUT ST / GREYLOCK PKWY **	West		07012066	0.28	Yes	LINDEN AVE	25	25	West	East
7	ESSEX	BELLEVILLE TWP	2021	11/25/2021	No Control	Other	Suspected Serious Injury	Municipal	1		1	0	1	0	No		Local	SANFORD AVE **	West		07011197	0.07	Yes	WATSESSING AVE	25	25	West	East
8	ESSEX	BELLEVILLE TWP	2021	11/26/2021	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	3	0	0	No		Local	YITKA ST **	East		07011226	0.26	Yes	NE 7 / HENNINGTON AVE	25	25	West	South
9	ESSEX	BELLEVILLE TWP	2022	1/26/2022	No Control	Pedestrian	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Local	STENEZ ST **	West		07011105	0.20	Yes	ROSEMONT DR	25	25	West	North
10	ESSEX	BELLEVILLE TWP	2022	6/7/2022	No Control	Same Direction - Sideswipe	Fatal Injury	Municipal	2		1	0	0	0	No		Major Collector	BLOOMFIELD AVE / JOHLEMON ST	East		07011282	0.73	Yes	GARDEN AVE	25	25	West	West
11	ESSEX	BELLEVILLE TWP	2022	6/15/2022	No Control	Other	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Local	HOLMES ST	East		07011228	0.39	Yes	STPHENS ST	25	25	West	West
12	ESSEX	BLOOMFIELD TWP	2015	8/7/2015	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Not a HPMs Reportable Trafficway	WELLY STREET	West		07011202	0.28	Yes	HOOPER AVE	25	25	South	West
13	ESSEX	BLOOMFIELD TWP	2016	10/4/2016	Stop Control	Fixed Object	Suspected Serious Injury	Municipal	1		0	1	0	0	Yes		Not a HPMs Reportable Trafficway	BAY AVENUE	East		07011229	0.29	Yes	STEELE AVENUE	25	25	South	West
14	ESSEX	BLOOMFIELD TWP	2018	7/28/2018	Stop Control	Struck Parked Vehicle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Not a HPMs Reportable Trafficway	BAY AVE	East		07022681	0.21	Yes	BROUGHTON AVENUE	25	25	East	North
15	ESSEX	BLOOMFIELD TWP	2018	8/6/2018	No Control	Other	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Local	WESTWOOD DR **	West		07022682	0.21	Yes	WILSONWOOD DR	25	25	South	North
16	ESSEX	BLOOMFIELD TWP	2021	5/23/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	3	0	0	No		Local	ORCHARD ST **	West		07022682	0.28	Yes	WILSONWOOD DR	25	25	South	East
17	ESSEX	BLOOMFIELD TWP	2022	6/18/2022	No Control	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Minor Arterial	DODD ST / WATSESSING AVE	East		07178827	1.52	Yes	ELLA ST	25	25	East	North
18	ESSEX	EAST ORANGE CITY	2016	7/16/2016	No Control	Right Angle	Suspected Serious Injury	Municipal	4		0	1	0	0	No		Not a HPMs Reportable Trafficway	GLENDWOOD AVE	West		07011227	0.22	Yes	ROSEMONT ROAD	25	25	West	North
19	ESSEX	EAST ORANGE CITY	2017	4/21/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	No		Not a HPMs Reportable Trafficway	HARRISON CENTER / HARRISON WAY	West		0715882	1.53	Yes	FREWAY DR W	35	25	West	North
20	ESSEX	EAST ORANGE CITY	2017	5/19/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Minor Arterial	WILLIAM ST	West		07178784	0.34	Yes	N 15TH ST	35	25	West	North
21	ESSEX	EAST ORANGE CITY	2018	4/7/2018	No Control	Other	Fatal Injury	Municipal	1		0	1	0	0	No		Local	SHEPARD AVE **	West		07021139	0.37	Yes	ELMWOOD AVE	35	25	North	West
22	ESSEX	EAST ORANGE CITY	2018	7/4/2018	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	4	0	0	No		Not a HPMs Reportable Trafficway	FREWAY DR WEST	West		07051675	0.21	Yes	SOUTH BURLITT	45	25	East	West
23	ESSEX	EAST ORANGE CITY	2018	11/17/2018	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	1	1	0	1	0	0	No		Local	LAFAYETTE AVE	West		07051675	0.28	Yes	N ORATOR PKWY / ORATOR PKWY	25	25	North	West
24	ESSEX	EAST ORANGE CITY	2020	1/8/2020	Stop Control	Fixed Object	Suspected Serious Injury	Municipal	1		0	1	0	0	Yes		Local	LEIGH	West		07051027	0.02	Yes	N MAPLE AVE	25	25	North	West
25	ESSEX	EAST ORANGE CITY	2020	7/29/2020	Traffic Signal	Pedestrian	Fatal Injury	Municipal	2	1	1	0	1	0	No		Minor Arterial	EVERGREEN PL / PROSPECT ST	North		07051828	0.35	Yes	FREWAY DR EAST	35	25	North	North
26	ESSEX	EAST ORANGE CITY	2020	12/7/2020	Traffic Signal	Fixed Object	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Not a HPMs Reportable Trafficway	RENNASDALE AVE	North		07051828	0.00	Yes	N WALNUT ST	35	25	North	North
27	ESSEX	EAST ORANGE CITY	2021	1/20/2021	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Local	N CLINTON ST / CLINTON ST	North		07051823	0.00	Yes	ROUTE 510 / ORANGE AVE	25	25	South	East
28	ESSEX	EAST ORANGE CITY	2022	3/13/2022	No Control	Overturned	Fatal Injury	Municipal	1		1	0	0	0	No		Major Collector	AMPERE PLAZA	South		07051025	0.03	Yes	N 18TH ST	25	25	East	West
29	ESSEX	EAST ORANGE CITY	2022	5/30/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Minor Arterial	SPRINGDALE AVE	East		07051870	1.39	Yes	N MAPLE AVE	25	25	South	East
30	ESSEX	EAST ORANGE CITY	2022	6/16/2022	Traffic Signal	Left Turn/At Turn	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Minor Arterial	GLENDWOOD AVE	West		07178827	0.00	Yes	SHERRILL AVE	35	25	South	West
31	ESSEX	EAST ORANGE CITY	2022	6/16/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Local	LINCOLN AVE **	West		07051126	0.31	Yes	CLARK ST	25	25	West	West
32	ESSEX	EAST ORANGE CITY	2022	12/20/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	3	0	0	No		Local	GIRARD AVE **	South		07051024	0.13	Yes	N MAPLE AVE	25	25	South	East
33	ESSEX	IRVINGTON TWP	2018	1/16/2018	No Control	Left Turn/At Turn	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Minor Arterial	WYE AVE	West		07051886	0.03	Yes	BRICK ST	25	25	South	West
34	ESSEX	IRVINGTON TWP	2019	10/4/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Minor Arterial	IRVING AVE	West		07141805	0.00	Yes	EASTERN PKWY	25	25	West	West
35	ESSEX	IRVINGTON TWP	2020	6/20/2020	No Control	Right Angle	Suspected Serious Injury	Municipal	5		0	1	0	0	No		Minor Arterial	EASTERN PKWY / FREWAY AVE	West		07051027	1.03	Yes	SMALLVILLE	25	25	West	West
36	ESSEX	IRVINGTON TWP	2020	7/17/2020	No Control	Struck Parked Vehicle	Suspected Serious Injury	Municipal	2		0	1	0	0	Yes		Local	PARK PL **	South		07051102	0.24	Yes	CR 68 / CHANCELLOR AVE	25	25	South	West
37	ESSEX	IRVINGTON TWP	2020	10/10/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Local	BENJAMIN AVE	West		07051102	0.24	Yes	IRVING AVE	25	25	South	West
38	ESSEX	IRVINGTON TWP	2021	5/4/2021	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Major Collector	ROBINSON	North		07051852	0.00	Yes	CR 68 / SPRINGFIELD AVE	25	25	South	North
39	ESSEX	IRVINGTON TWP	2022	1/15/2022	No Control	Pedestrian	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Not a HPMs Reportable Trafficway	ROBERT H HARP DR / WAHLER AVE **	South		07051852	0.00	Yes	TALONIC RD	25	25	South	North
40	ESSEX	MAPLEWOOD TWP	2015	12/23/2015	No Control	Right Angle	Suspected Serious Injury	Municipal	1	1	0	1	0	0	No		Major Collector	ELMWOOD AVE	West		07111829	0.00	Yes	PROSPECT ST	25	25	South	North
41	ESSEX	MAPLEWOOD TWP	2021	10/4/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	3		0	4	0	0	No		Local	RUTER ST / RUTGERS ST **	South		07111512	0.13	Yes	NEWMAN WAY	25	25	West	East
42	ESSEX	MAPLEWOOD TWP	2022	6/16/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	3	0	0	No		Local	BOWDON ST **	North		07111040	0.13	Yes	HARVARD AVE	25	25	South	North
43	ESSEX	MAPLEWOOD TWP	2022	7/24/2022	Flasher/Warning	Pedestrian	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Local	JEFFERSON AVE	East		07111159	0.16	Yes	MAPLEWOOD AVE	25	25	South	North
44	ESSEX	MILLBURN TWP	2016	12/21/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No		Minor Arterial	ROUTE 527 **	South	527	0000027	71.24	Yes	ROUTE 527 / ROUTE 577 / ESSEX ST	30	25	East	West
45	ESSEX	MILLBURN TWP	2019	5/26/2019	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No		Local	HARTSHORN DR **	West		07121008	0.14	Yes	FALSMOUTH ST	25	25	East	West
46	ESSEX	MILLBURN TWP	2020	1/7/2020	No Control	Pedalcyclist	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Local	GLENAVE **	West		07121256	1.29	Yes	CHESTNUT ST	25	25	West	West
47	ESSEX	MILLBURN TWP	2021	5/23/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	1	0	1	0	1	No		Local	CYPRESS ST **	North		07121276	0.60	Yes	MILTON ST	25	25	East	West
48	ESSEX	MILLBURN TWP	2022	6/16/2022	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1		0	2	0	2	No		Principal Arterial - Other	ROUTE 577	South	577	0000077	3.61	Yes	WILLOW ST	25	25	East	West
49																												

Hudson County

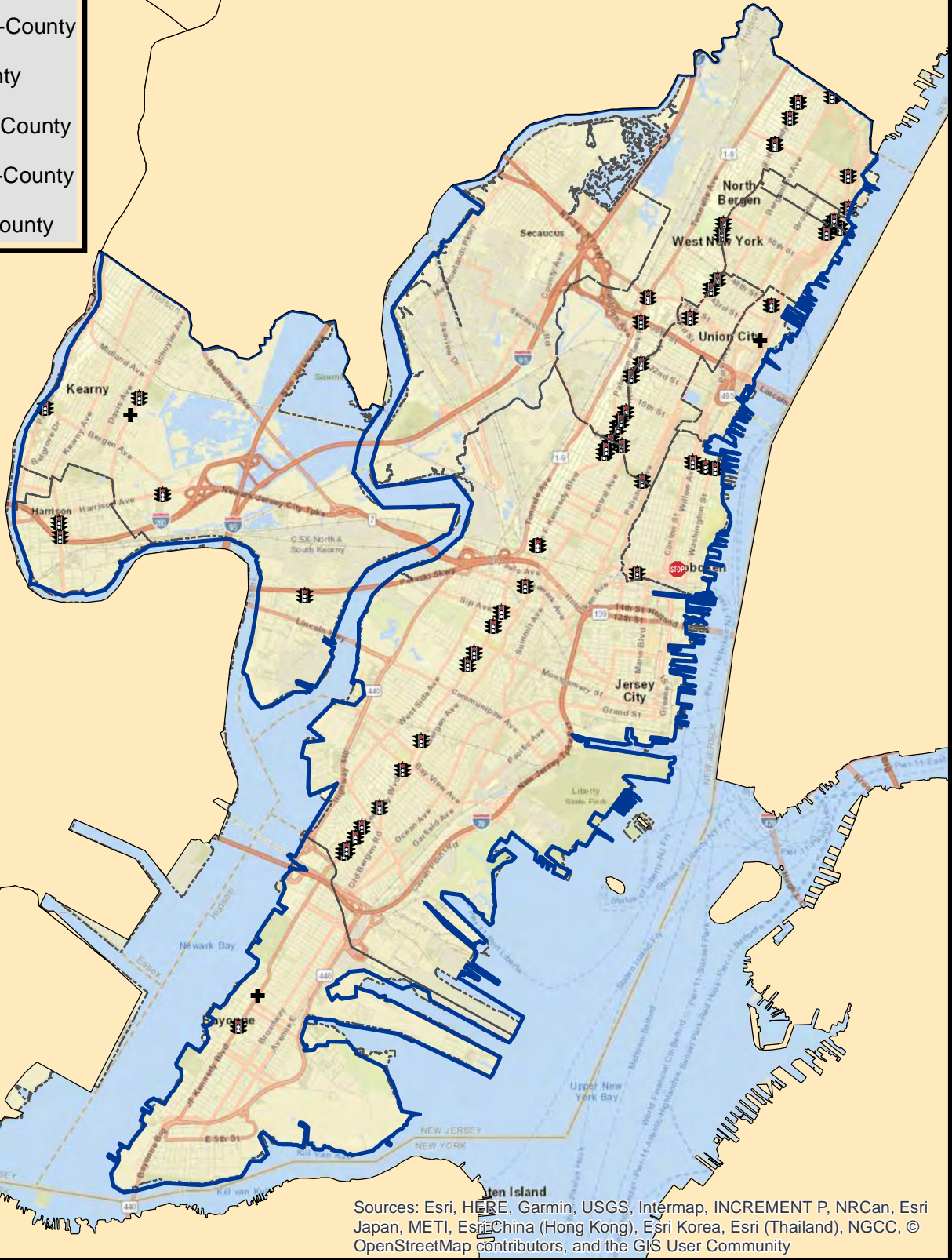
Fatal and Suspected Serious Injury Crashes

At Intersections on County Roadways

(2015-2022)

Legend

-  Traffic Signal-County
-  Flasher-County
-  Stop Control-County
-  Yield Control-County
-  No Control-County



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

**HUDSON COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS**

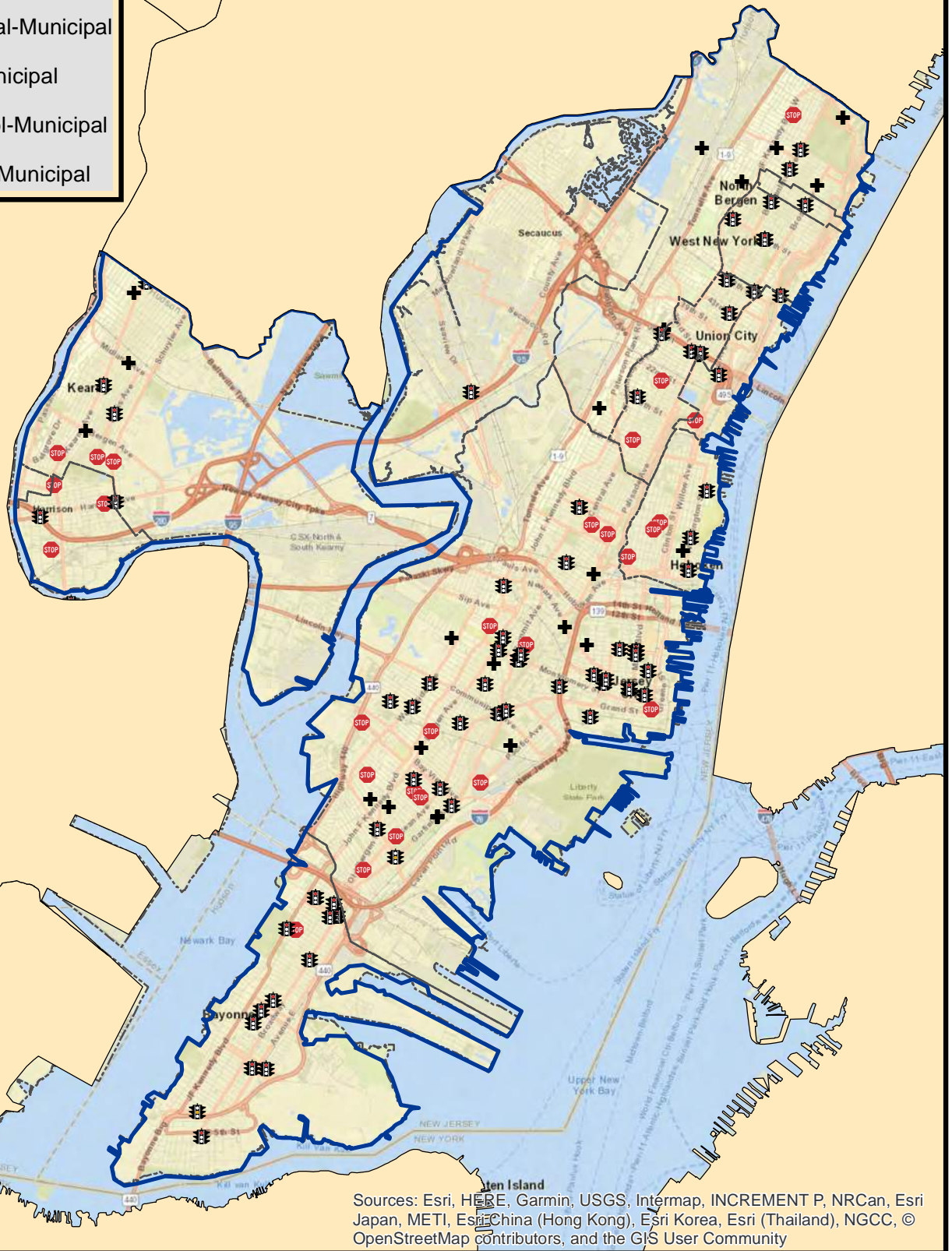
County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
HUDSON	NORTH BERGEN TWP	2015	4/17/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	1	No	0	Minor Arterial	HUDSON COUNTY 683	South	683	09000683	2.32	Yes	CR 721 / BERGENLINE AVE	25	25	East	
HUDSON	UNION CITY	2015	6/23/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	1	No	0	Minor Arterial	HUDSON COUNTY 681	West	681	09000681	2.15	Yes	CR 676 / 5TH ST	25	25	East	
HUDSON	NORTH BERGEN TWP	2015	10/15/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	1	No	0	Principal Arterial - Other	ROUTE 501	South	501	00000501	34.73	Yes	44TH ST	25	25	East	
HUDSON	HARRISON TOWN	2015	12/24/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	1	No	0	Major Collector	HUDSON COUNTY 697	North	697	00000697	0.91	Yes	BIRKENHEAD ST	25	25	East	
HUDSON	BAYONNE CITY	2016	4/27/2016	No Control	Right Angle	Suspected Serious Injury	County	1	0	0	0	1	0	0	No	0	Minor Arterial	ROUTE 501	North	501	00000501	25.51	Yes	W 32ND ST	25	25	North	West
HUDSON	JERSEY CITY	2016	9/15/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	1	No	0	Principal Arterial - Other	ROUTE 501	North	501	00000501	27.35	Yes	CR 663 / SEAVEAU ST	25	25	North	
HUDSON	JERSEY CITY	2016	9/29/2016	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	0	1	0	1	0	No	0	Principal Arterial - Other	ROUTE 501	South	501	00000501	32.59	Yes	CR 668 / LEONARD ST	25	25	East	North
HUDSON	KEANSY TOWN	2017	1/26/2017	Traffic Signal	Left Turn/Right	Suspected Serious Injury	County	2	2	0	0	0	0	0	No	0	Minor Arterial	HUDSON COUNTY 689	North	689	00000689	1.05	Yes	22ND ST	25	25	East	North
HUDSON	UNION CITY	2017	4/27/2017	Traffic Signal	Pedestrian	Fatal Injury	County	2	2	0	0	0	0	0	No	1	Minor Arterial	HUDSON COUNTY 685	North	685	00000685	2.35	Yes	ROUTE 501 / KENNEDY BLVD	25	25	North	
HUDSON	BAYONNE CITY	2017	4/27/2017	Traffic Signal	Left Turn/Left Turn	Suspected Serious Injury	County	2	0	0	0	0	0	0	No	0	Minor Arterial	ROUTE 501	North	501	00000501	25.13	Yes	W 26TH ST	25	25	East	North
HUDSON	UNION CITY	2017	6/14/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	0	Principal Arterial - Other	ROUTE 501	North	501	00000501	32.72	Yes	37TH ST	25	25	North	
HUDSON	UNION CITY	2017	12/11/2017	Traffic Signal	Left Turn/Left Turn	Suspected Serious Injury	County	2	2	0	0	0	0	0	No	0	Principal Arterial - Other	ROUTE 501	South	501	00000501	33.60	Yes	37TH ST	25	25	North	North
HUDSON	WEEHAWKEN TWP	2017	12/21/2017	No Control	Left Turn/Left Turn	Suspected Serious Injury	County	2	0	0	2	0	0	0	No	0	Major Collector	ROUTE 505	South	505	00000505	0.95	Yes	ELDORADO PL	25	25	North	East
HUDSON	NORTH BERGEN TWP	2017	11/26/2017	Traffic Signal	Frontal Impact	Fatal Injury	County	1	1	0	1	0	0	0	No	1	Not a HPMS Reportable Trafficway	ROUTE 506	North	505	00000505	0.00	Yes		35	25	North	
HUDSON	NORTH BERGEN TWP	2017	10/11/2017	Traffic Signal	Side Swipe/Other	Suspected Serious Injury	County	2	0	0	1	0	0	0	No	0	Principal Arterial - Other	HUDSON COUNTY 689	North	689	00000689	0.68	Yes	CR 677 / 4TH ST	25	25	North	East
HUDSON	NORTH BERGEN TWP	2017	10/21/2017	Traffic Signal	Left Turn/Left Turn	Suspected Serious Injury	County	2	0	0	1	0	0	0	No	0	Principal Arterial - Other	ROUTE 501	North	501	00000501	34.85	Yes	CR 687 / 27TH ST	25	25	North	East
HUDSON	KEANSY TOWN	2018	10/8/2018	No Control	Pedestrian	Fatal Injury	County	1	0	0	1	0	0	0	No	0	Minor Arterial	ROUTE 507	North	507	00000507	0.97	Yes	ARLINGTON AVE	25	25	North	
HUDSON	KEANSY TOWN	2018	10/21/2018	Traffic Signal	Left Turn/Left Turn	Suspected Serious Injury	County	2	0	0	1	0	0	0	No	0	Not a HPMS Reportable Trafficway	HUDSON COUNTY 659	North	659	00000659	0.83	Yes	2ND ST	25	25	North	South
HUDSON	NORTH BERGEN TWP	2018	12/29/2018	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	2	0	0	1	0	0	0	No	0	Principal Arterial - Other	HUDSON COUNTY 681	North	681	09000681	3.91	Yes	US 1 / US 9 / NORWELLE AVE	25	25	North	
HUDSON	NORTH BERGEN TWP	2019	1/2/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	2	0	1	No	0	Principal Arterial - Other	ROUTE 501	North	501	00000501	33.43	Yes	19TH ST	25	25	West	North
HUDSON	HOBOKEN CITY	2019	3/11/2019	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2	0	0	1	0	0	0	No	0	Minor Arterial	HUDSON COUNTY 676	North	676	09000676	0.36	Yes	14TH ST	25	25	North	East
HUDSON	NORTH BERGEN TWP	2019	5/17/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	3	0	0	1	0	0	0	No	0	Principal Arterial - Other	ROUTE 501	North	501	00000501	36.99	Yes	87TH ST	25	25	South	North
HUDSON	JERSEY CITY	2019	5/13/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	0	Principal Arterial - Other	ROUTE 501	South	501	00000501	30.19	Yes	STUYVESANT AVE	25	25	West	
HUDSON	KEANSY TOWN	2019	8/8/2019	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	2	0	0	1	0	0	0	No	0	Minor Arterial	ROUTE 507	East	507	00000507	1.17	Yes	FREEMAN AVE	45	25	South	South
HUDSON	NORTH BERGEN TWP	2019	8/11/2019	Traffic Signal	Left Turn/Left Turn	Suspected Serious Injury	County	2	0	0	1	0	0	0	Yes	0	Principal Arterial - Other	ROUTE 501	North	501	00000501	36.48	Yes	76TH ST	25	25	East	North
HUDSON	NORTH BERGEN TWP	2019	9/29/2019	Traffic Signal	Right Angle	Fatal Injury	County	2	0	0	1	0	0	0	No	0	Principal Arterial - Other	ROUTE 501	North	501	00000501	36.48	Yes	79TH ST	25	25	West	North
HUDSON	HOBOKEN CITY	2019	10/13/2019	Traffic Signal	Frontal Impact	Suspected Serious Injury	County	1	0	0	2	0	0	0	No	0	Minor Arterial	HUDSON COUNTY 681	East	681	09000681	0.58	Yes	MCHESSE ST	25	25	South	
HUDSON	NORTH BERGEN TWP	2019	10/20/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	3	0	0	4	0	0	0	No	0	Principal Arterial - Other	ROUTE 501	East	501	00000501	36.98	Yes	87TH ST	25	25	South	East
HUDSON	HOBOKEN CITY	2019	10/27/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	1	Yes	0	Major Collector	HUDSON COUNTY 679	North	679	09000679	0.08	Yes	CR 670 / 14TH ST	25	25	South	
HUDSON	JERSEY CITY	2019	11/28/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	0	0	0	No	0	Not a HPMS Reportable Trafficway	ROUTE 501	North	501	00000501	0.00	Yes	ROUTE 601 / WINNERS BLVD	25	25	North	
HUDSON	WEST NEW YORK TOWN	2019	12/1/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	0	0	0	No	1	Minor Arterial	HUDSON COUNTY 693	West	693	09000693	0.48	Yes	64TH ST	25	25	North	
HUDSON	NORTH BERGEN TWP	2019	12/26/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	0	Principal Arterial - Other	ROUTE 501	North	501	00000501	34.73	Yes	87TH ST	25	25	East	
HUDSON	JERSEY CITY	2020	1/29/2020	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	2	0	0	1	0	0	0	Yes	0	Principal Arterial - Other	ROUTE 501	North	501	00000501	30.36	Yes	50P AVE	25	25	North	
HUDSON	KEANSY TOWN	2020	2/7/2020	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2	0	0	1	0	0	0	No	1	Minor Arterial	ROUTE 508	West	508	00000508	13.89	Yes	BERGEN AVE	25	25	North	
HUDSON	JERSEY CITY	2020	3/8/2020	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	3	0	0	2	0	0	0	No	0	Principal Arterial - Other	ROUTE 501	North	501	00000501	29.84	Yes	DUNCAN AVE	25	25	North	
HUDSON	NORTH BERGEN TWP	2020	3/22/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	0	Minor Arterial	HUDSON COUNTY 681	North	681	09000681	2.00	Yes	20TH ST	25	25	North	
HUDSON	HOBOKEN CITY	2020	3/28/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	0	0	0	No	1	Principal Arterial - Other	ROUTE 501	South	501	00000501	31.35	Yes	SEAVEAU ST	25	25	North	
HUDSON	HOBOKEN CITY	2020	1/20/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	0	1	0	0	0	No	0	Major Collector	HUDSON COUNTY 670	West	670	09000670	0.47	Yes	BLOOMFIELD ST	25	25	North	
HUDSON	GUTTENBERG TOWN	2020	3/28/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	0	0	0	No	0	Minor Arterial	HUDSON COUNTY 683	North	683	09000683	0.57	Yes	88TH ST	25	25	East	North
HUDSON	NORTH BERGEN TWP	2020	8/22/2020	Traffic Signal	Left Turn/Left Turn	Suspected Serious Injury	County	2	0	0	1	0	0	0	No	0	Principal Arterial - Other	ROUTE 501	North	501	00000501	29.70	Yes	BIRKENHEAD AVE	25	25	North	
HUDSON	NORTH BERGEN TWP	2020	8/13/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	0	2	0	0	0	No	0	Principal Arterial - Other	ROUTE 501	North	501	00000501	36.48	Yes	76TH ST	25	25	North	
HUDSON	HOBOKEN CITY	2020	9/7/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	0	0	0	No	1	Major Collector	HUDSON COUNTY 638	South	638	09000638	0.56	Yes	CR 671 / GARDEN ST	25	25	North	
HUDSON	HOBOKEN CITY	2020	10/10/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	0	No	0	Principal Arterial - Other	ROUTE 501	North	501	00000501	28.18	Yes	STEGMAN PKWY	25	25	North	
HUDSON	GUTTENBERG TWP	2020	10/21/2020	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	1	1	0	0	0	0	0	No	0	Principal Arterial - Other	ROUTE 505	North	505	00000505	1.57	Yes	ERRY RD	35	25	North	
HUDSON	JERSEY CITY	2020	12/21/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	1	No	0	Principal Arterial - Other	ROUTE 501	South	501	00000501	31.30	Yes	SHULCE ST	25	25	North	
HUDSON	NORTH BERGEN TWP	2021	2/16/2021	Traffic Signal	Backing	Suspected Serious Injury	County	2	0	0	1	0	0	0	No	0	Minor Arterial	HUDSON COUNTY 681	North	681	09000681	3.51	Yes	NI 495 / LIBERTY AVE	25	25	North	
HUDSON	JERSEY CITY	2021	5/17/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County																					

Hudson County

Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)

Legend

-  Traffic Signal-Municipal
-  Flasher-Municipal
-  Stop Control-Municipal
-  No Control-Municipal



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

HUDSON COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS

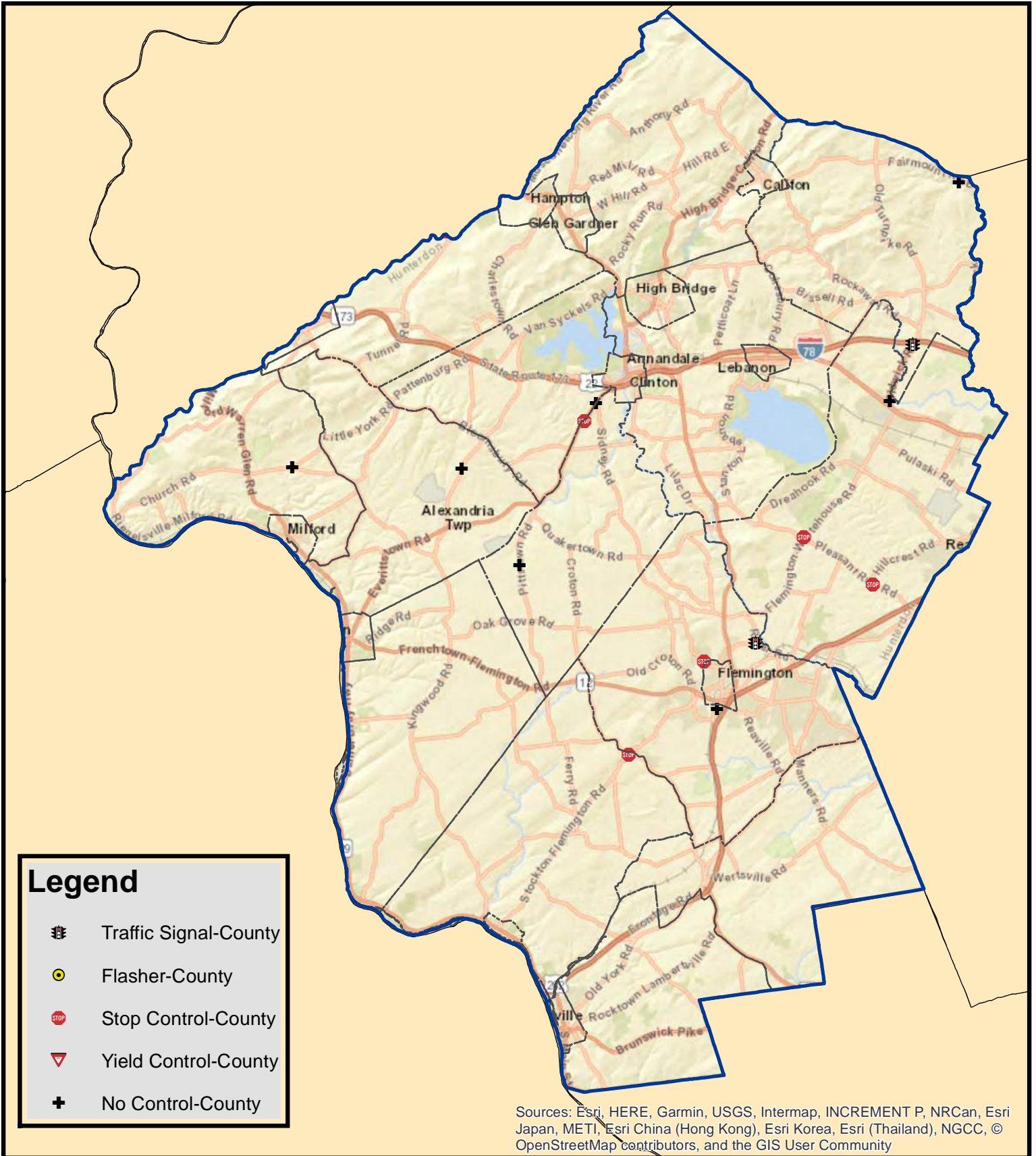
County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction		
1	HUDSON	BAYONNE CITY	2015	4/29/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	No	Not a HPMs Reportable Trafficway	AVENUE C	South				Yes	52ND STREET	25	25	East	East		
2	HUDSON	BAYONNE CITY	2015	7/16/2015	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	2	1	0	2	0	1	0	Yes	1	Not a HPMs Reportable Trafficway	KENNEDY BLVD	South				Yes	45TH STREET	25	25	East	East	
3	HUDSON	BAYONNE CITY	2015	11/17/2015	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	0	No	Not a HPMs Reportable Trafficway	AVENUE B	South				Yes	WEST 44TH ST	25	25	East	East		
4	HUDSON	BAYONNE CITY	2015	10/8/2015	Traffic Signal	Fatal Object	Suspected Serious Injury	Municipal	1	1	0	1	0	0	0	No	Not a HPMs Reportable Trafficway	BROADWAY	South				Yes	W 35th ST	25	25	East	East		
5	HUDSON	BAYONNE CITY	2016	10/13/2016	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1	0	1	0	0	0	No	Not a HPMs Reportable Trafficway	AVE E	South				Yes	E 21ST STREET	25	25	East	East		
6	HUDSON	BAYONNE CITY	2016	11/11/2016	Traffic Signal	Pedestrian	Fatal Injury	Municipal	2	1	0	1	0	1	0	No	1	Not a HPMs Reportable Trafficway	THIRTY SECONDS ST	East				Yes	BROADWAY	25	25	South	South	
7	HUDSON	BAYONNE CITY	2017	12/29/2017	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	1	0	1	0	0	0	No	Not a HPMs Reportable Trafficway	AVENUE B	South				Yes	WEST 34TH STREET	25	25	East	South		
8	HUDSON	BAYONNE CITY	2017	10/26/2017	Traffic Signal	Wrong/Failed Vehicle	Fatal Injury	Municipal	1	1	0	1	0	1	0	No	Not a HPMs Reportable Trafficway	AVENUE B	South				Yes	AVENUE B	25	25	South	South		
9	HUDSON	BAYONNE CITY	2018	6/23/2018	Traffic Signal	Wrong/Failed Vehicle	Suspected Serious Injury	Municipal	2	1	0	1	0	1	0	No	Not a HPMs Reportable Trafficway	WEST 45th STREET	East				Yes	AVENUE B	25	25	South	South		
10	HUDSON	BAYONNE CITY	2018	6/23/2018	Flasher/Warning	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	No	Not a HPMs Reportable Trafficway	W 7TH ST	North	0901172	0.29	Yes		AVE C	25	25	North	North		
11	HUDSON	BAYONNE CITY	2018	10/16/2018	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1	0	1	0	0	0	No	Not a HPMs Reportable Trafficway	W 27th ST	West	0901161	0.29	Yes		AVENUE C	25	25	West	North		
12	HUDSON	BAYONNE CITY	2019	4/10/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	2	0	1	1	0	1	0	No	Not a HPMs Reportable Trafficway	AVENUE C	South	0901163	1.26	Yes		AVE E	25	25	East	North		
13	HUDSON	BAYONNE CITY	2019	4/14/2019	Traffic Signal	Opposite Direction - Side/Swipe	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	No	Minor Arterial	BROADWAY	South	0901154	2.05	Yes		E 42ND ST / W 42ND ST	25	25	East	North		
14	HUDSON	BAYONNE CITY	2018	10/12/2018	Traffic Signal	Right Angle	Fatal Injury	Municipal	3	1	4	3	0	0	0	No	Not a HPMs Reportable Trafficway	E 22 ND ST	West				Yes	AVENUE E	25	25	North	West		
15	HUDSON	BAYONNE CITY	2018	10/16/2018	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	0	No	Minor Arterial	BROADWAY	East	0901176	0.29	Yes		BROADWAY	25	25	North	West		
16	HUDSON	BAYONNE CITY	2015	10/20/2015	Traffic Signal	Fatal Injury	Fatal Injury	Municipal	1	1	0	1	0	1	0	No	Major Collector	BROADWAY	South				Yes	BROADWAY	25	25	East	East		
17	HUDSON	GUTTENBERG TOWN	2017	10/31/2017	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	1	0	0	No	Major Collector	BROADWAY	South	0908163	0.47	Yes		68TH STREET	25	25	East	South		
18	HUDSON	HARRISON TOWN	2018	11/24/2018	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	0	No	Not a HPMs Reportable Trafficway	S THRD ST	South				Yes	FRANKLIN DR	25	25	West	East		
19	HUDSON	HARRISON TOWN	2021	10/29/2021	Stop Control	Opposite Direction - Side/Swipe	Suspected Serious Injury	Municipal	3	1	1	1	0	0	0	No	Major Collector	ROUTE 508	West	508	0000058	13.26	Yes		FRANKLIN AVE	25	25	West	West	
20	HUDSON	HARRISON TOWN	2022	8/29/2022	Traffic Signal	Same Direction - Side/Swipe	Suspected Serious Injury	Municipal	2	2	0	1	0	0	0	No	Minor Arterial	ROUTE 508	West	508	0000058	12.57	Yes		N 2ND ST	25	25	West	West	
21	HUDSON	HARRISON TOWN	2022	11/8/2022	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	0	No	Minor Arterial	ROUTE 508	West	508	0000008	13.38	Yes		ROUTE 507 / SCHUYLER AVE	25	25	East	East	
22	HUDSON	HOBOKEN CITY	2015	6/26/2015	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1	0	1	0	0	0	No	Minor Collector	WASHINGTON ST	South	0901024	0.86	Yes		S 7TH STREET	25	25	North	West		
23	HUDSON	HOBOKEN CITY	2018	11/21/2018	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	0	No	Major Collector	WASHINGTON ST	South	0901024	0.27	Yes		SECON D ST	25	25	East	East		
24	HUDSON	HOBOKEN CITY	2018	12/22/2018	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	No	Minor Collector	WATER ST	South	0901055	1.10	Yes		CR 67A / HUDSON ST	25	25	West	East		
25	HUDSON	HOBOKEN CITY	2018	12/17/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	No	Local	SIXTH ST **	South	0901006	0.46	Yes		6TH ST	25	25	West	East		
26	HUDSON	HOBOKEN CITY	2019	6/6/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	2	0	0	0	0	Yes	Major Collector	ADJUNA ST	East	0901050	0.94	Yes		S 1TH ST	25	25	South	East		
27	HUDSON	HOBOKEN CITY	2021	10/22/2021	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	0	Yes	Major Collector	BIRCHFIELD ST	North	0901061	0.31	Yes		3RD ST	25	25	East	East		
28	HUDSON	KEARNY TOWN	2015	11/8/2015	No Control	Pedestrian	Fatal Injury	Municipal	1	1	0	1	0	0	0	No	Major Collector	MIDLAND AVE	East	0907143	0.27	Yes		NEWBORN STREET	25	25	South	South		
29	HUDSON	KEARNY TOWN	2015	12/13/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	14	0	0	0	0	No	1	Not a HPMs Reportable Trafficway	HUDSON COUNTY 697	North	697	0900067	3.49	Yes		ELIZABETH AVE	25	25	South	North
30	HUDSON	KEARNY TOWN	2017	11/17/2017	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	0	No	1	Not a HPMs Reportable Trafficway	BEITH AVE	North	0907266	0.69	Yes		FRANKLIN	25	25	North	North	
31	HUDSON	KEARNY TOWN	2018	11/21/2018	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	2	1	0	1	0	0	0	No	1	Not a HPMs Reportable Trafficway	WATER ST	North	0907266	0.08	Yes		FRANKLIN	25	25	North	North	
32	HUDSON	KEARNY TOWN	2018	12/18/2018	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	No	Major Collector	BERGEN AVE	South	0907144	0.47	Yes		CHESTNUT ST	25	25	West	West		
33	HUDSON	KEARNY TOWN	2018	12/28/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	3	0	0	0	0	No	Local	DEVON VER	South	0907261	0.27	Yes		HUDSON ST	25	25	West	North		
34	HUDSON	KEARNY TOWN	2019	1/22/2019	Stop Control	Wrong/Failed Vehicle	Fatal Injury	Municipal	2	1	0	1	0	1	0	No	Local	DEVON VER	West	0907261	0.00	Yes		ROUTE 507 / SCHUYLER AVE	25	25	East	West		
35	HUDSON	KEARNY TOWN	2019	2/21/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	No	Major Collector	KEARNY AVE	South	0907100	2.29	Yes		N 7 / BELLVILLE TPK	25	25	West	West		
36	HUDSON	KEARNY TOWN	2020	8/20/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	0	No	Local	DUNCY AVE **	West	0907117	0.27	Yes		BEECH ST	25	25	West	West		
37	HUDSON	KEARNY TOWN	2021	7/12/2021	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	2	0	1	0	0	0	No	Major Collector	DEVON VER	South	0907266	0.28	Yes		ROCK ST	25	25	South	West		
38	HUDSON	NORTH BERGEN TWP	2017	4/15/2017	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	0	No	Not a HPMs Reportable Trafficway	SIXTY SEVENTH ST	East				Yes	ROCK ST	25	25	South	West		
39	HUDSON	NORTH BERGEN TWP	2018	11/24/2018	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	No	Local	10TH ST **	East	0908112	0.10	Yes		COLUMBIA AVE	25	25	South	East		
40	HUDSON	NORTH BERGEN TWP	2019	8/25/2019	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	No	1	Local	5TH AVE **	South	0908198	0.00	Yes		76TH ST	25	25	East	East	
41	HUDSON	NORTH BERGEN TWP	2019	10/25/2019	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	0	Yes	Major Collector	21ST ST **	East	0910252	0.63	Yes		ROUTE 507 / KENNEDY BLVD	25	35	South	South		
42	HUDSON	NORTH BERGEN TWP	2019	11/29/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	No	Not a HPMs Reportable Trafficway	BERGENLINE AVE	West				Yes	91 ST	25	25	West	West		
43	HUDSON	NORTH BERGEN TWP	2020	1/8/2020	No Control	Fatal Object	Suspected Serious Injury	Municipal	1	0	0	1	0	0	0	No	Major Collector	69TH ST **	East	0908120	0.26	Yes		WESTSIDE AVE	25	25	West	West		
44	HUDSON	NORTH BERGEN TWP	2020	2/16/2020	No Control	Pedalcyclist	Suspected Serious Injury	Municipal	1	1	0	1	0	0	0	No	Major Collector	74TH ST	West	0908108	0.21	Yes		BROADWAY	25	25	West	West		
45	HUDSON	NORTH BERGEN TWP	2020	3/8/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	No	Minor Arterial	BERGENLINE AVE	East	0908154	0.62	Yes		79th ST	25	25	East	East		
46	HUDSON	NORTH BERGEN TWP	2020	5/15/2020	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	No	Local	8TH ST **	East	0908175	0.05	Yes		5TH AVE	25	25	East	East		
47	HUDSON	NORTH BERGEN TWP	2021	7/3/2021	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	1	Yes	Minor Arterial	BERGENLINE AVE	North	0908154	0.86	Yes		74TH ST	25	25	North	North		
48	HUDSON	NORTH BERGEN TWP	2022	2/14/2022	No Control	Pedestrian	Fatal Injury	Municipal	1	1	1	0	1	0	0	No	Minor Arterial	NEW YORK AVE **	North	0908123	0.00	Yes		WOODGROVE	25	25	North	North		
49	HUDSON	SECAUCUS TOWN	2021	11/26/2021	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	No	Minor Arterial	MEADOWLANDS PARK / SEAWAY DR	East	0909101	2.81	Yes		CR 66S / NEW COUNTY RD	40	25	East	East		
50	HUDSON	UNION CITY	2016	7/2/2016	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1	0	1	0	0	0	No	Minor Arterial	30TH ST	East	0908120	0.59	Yes		NEW YORK AVE	25	25	East	East		
51	HUDSON	UNION CITY	2016	8/8/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	No	Major Collector	30TH ST	East	0908149	0.23	Yes		BERGENLINE AVE	25	25	South	South		
52	HUDSON	UNION CITY	2017	10/10/2017	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1	0	1	0	0	0	No	Major Collector	21ST ST **	West	0910277	0.48	Yes		RAILROAD AVE	25	25	East	East		
53	HUDSON	UNION CITY	2018	5/15/2018	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	1	0	1	0	0	No	Not a HPMs Reportable Trafficway	21ST ST **	West	0910269	0.23	Yes		WEST ST	25	25	West	West		
54	HUDSON	UNION CITY	2019	2/12/2019	Stop Control	Pedestrian	Fatal Injury	Municipal	1	0	1	0	1	0	0	No	Local	21ST ST **	West	0910101	0.23	Yes		WEST ST	25	25	West	South		
55	HUDSON	UNION CITY	2019	11/21/2019	No Control	Same Direction - Rear End	Suspected Serious Injury	Municipal	7	0	8	0	0	0	0	No	Major Collector	30TH ST	East	0908149	0.68	Yes		CR 66S / HACKENSACK PLANK RD / PALI	25	25	South	South		
56	HUDSON	UNION CITY																												

Hunterdon County

Fatal and Suspected Serious Injury Crashes

At Intersections on County Roadways

(2015-2022)



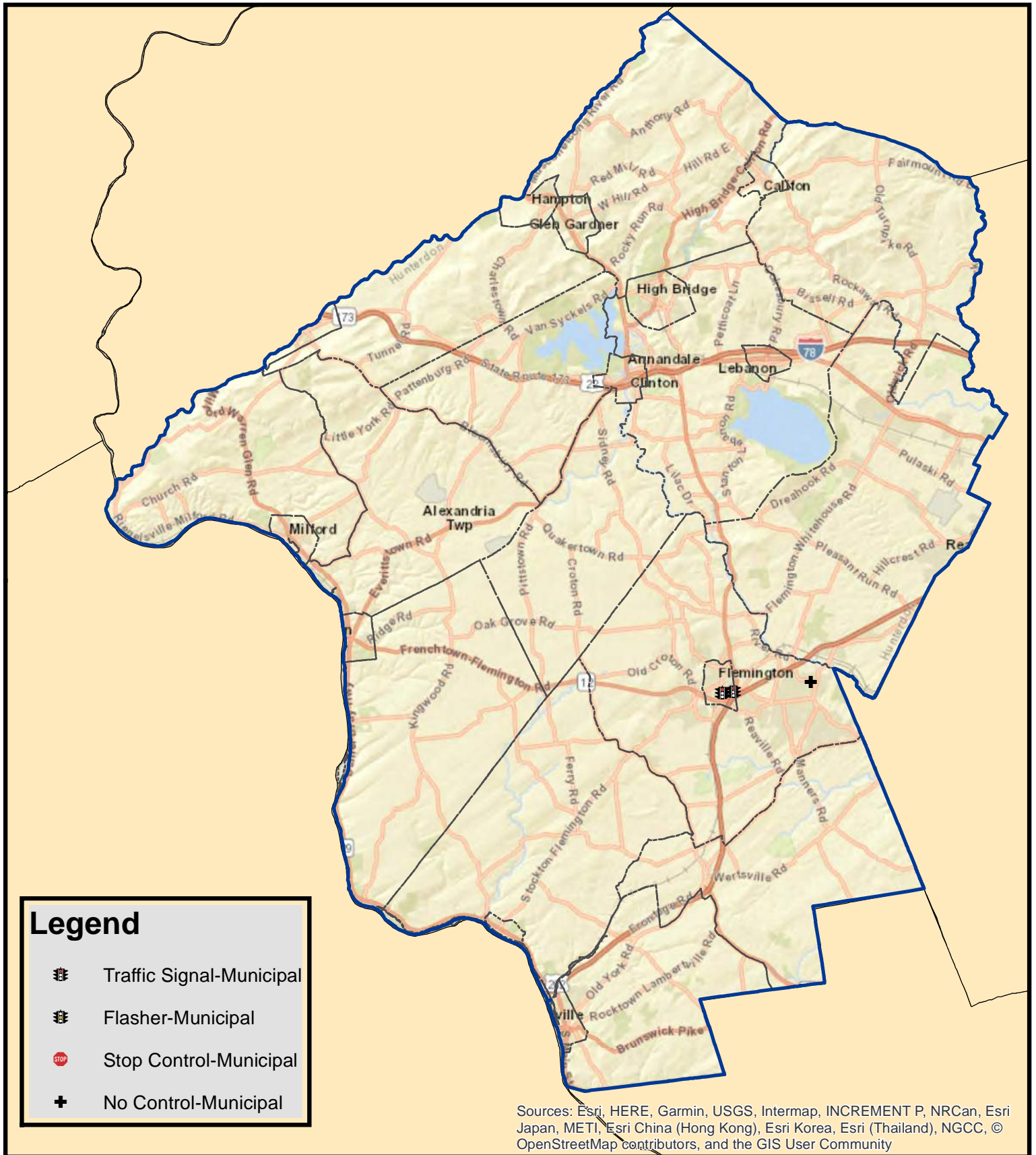
**HUNTERDON COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	HUNTERDON	FRANKLIN TWP	2017	6/30/2017	Stop Control	Right Angle	Fatal Injury	County	2		1	0	0	0	No		Minor Arterial	ROUTE 513	North	513	00000513	10.27	Yes	GRANDON ST / RACE ST	50	35	South	East
2	HUNTERDON	TEWKSBURY TWP	2018	8/28/2018	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	No		Major Collector	ROUTE 523	South	523	00000523	22.66	Yes	AMBEST RD	50	25	North	East
3	HUNTERDON	BARITAN TWP	2019	1/6/2019	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2		0	3	0	0	No		Minor Arterial	ROUTE 523	North	523	00000523	11.72	Yes	LAFAYETTE CT / RIVER RD	45	40	North	East
4	HUNTERDON	READINGTON TWP	2019	3/24/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	ROUTE 523	South	523	00000523	25.81	Yes	CR 629/PLEASANT RUN RD/SPRINGTOWN R	40	40	West	East
5	HUNTERDON	BARITAN TWP	2019	7/30/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	HUNTERDON COUNTY 617	South	617	10000617	0.04	Yes	GRANDIN DR	45	25	East	West
6	HUNTERDON	READINGTON TWP	2019	9/15/2019	No Control	Left Turn/lt Turn	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	ROUTE 523	South	523	00000523	20.73	Yes	CENTRAL AVE	50	25	East	North
7	HUNTERDON	FRANKLIN TWP	2019	9/19/2019	No Control	Opposite Direction (Head On)	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	ROUTE 513	South	513	00000513	10.89	Yes	CR 617 / SIDNEY RD	50	35	East	North
8	HUNTERDON	BARITAN TWP	2019	11/9/2019	No Control	Same Direction Rear End	Suspected Serious Injury	County	2		0	2	0	0	No		Minor Arterial	HUNTERDON COUNTY 613	South	613	10000613	0.66	Yes	BARITAN AVE	35	25	East	East
9	HUNTERDON	ALEXANDRIA TWP	2020	1/2/2020	No Control	Fixed Object	Suspected Serious Injury	County	1		0	1	0	0	No		Major Collector	HUNTERDON COUNTY 625	North	625	10000625	1.89	Yes		50	25		
10	HUNTERDON	HOLLAND TWP	2020	3/9/2020	No Control	Fixed Object	Suspected Serious Injury	County	2		0	1	0	0	No		Major Collector	HUNTERDON COUNTY 614	South	614	10000614	1.30	Yes	RUMMEL RD	45	40	East	
11	HUNTERDON	TEWKSBURY TWP	2020	7/12/2020	No Control	Fixed Object	Suspected Serious Injury	County	1		0	1	0	0	No		Minor Collector	ROUTE 522	East	522	00000522	7.99	Yes	HOLLOW WOOD RD	45	25		
12	HUNTERDON	READINGTON TWP	2020	12/11/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	4	0	0	No		Minor Arterial	ROUTE 523	South	523	00000523	15.81	Yes	CR 629/PLEASANT RUN RD/SPRINGTOWN R	35	40		
13	HUNTERDON	READINGTON TWP	2021	7/21/2021	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Major Collector	HUNTERDON COUNTY 629	West	629	10000629	1.56	Yes	APPLETREE RD	40	35	North	South
14	HUNTERDON	DELAWARE TWP	2022	1/11/2022	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Minor Collector	ROUTE 523	South	523	00000523	6.39	Yes	ROUTE 278	45	45	East	South
15	HUNTERDON	FRANKLIN TWP	2022	4/28/2022	No Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Collector	HUNTERDON COUNTY 615	South	615	10000615	3.71	Yes	BAKER RD	50	35	South	North

Unmapped

Hunterdon County

Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

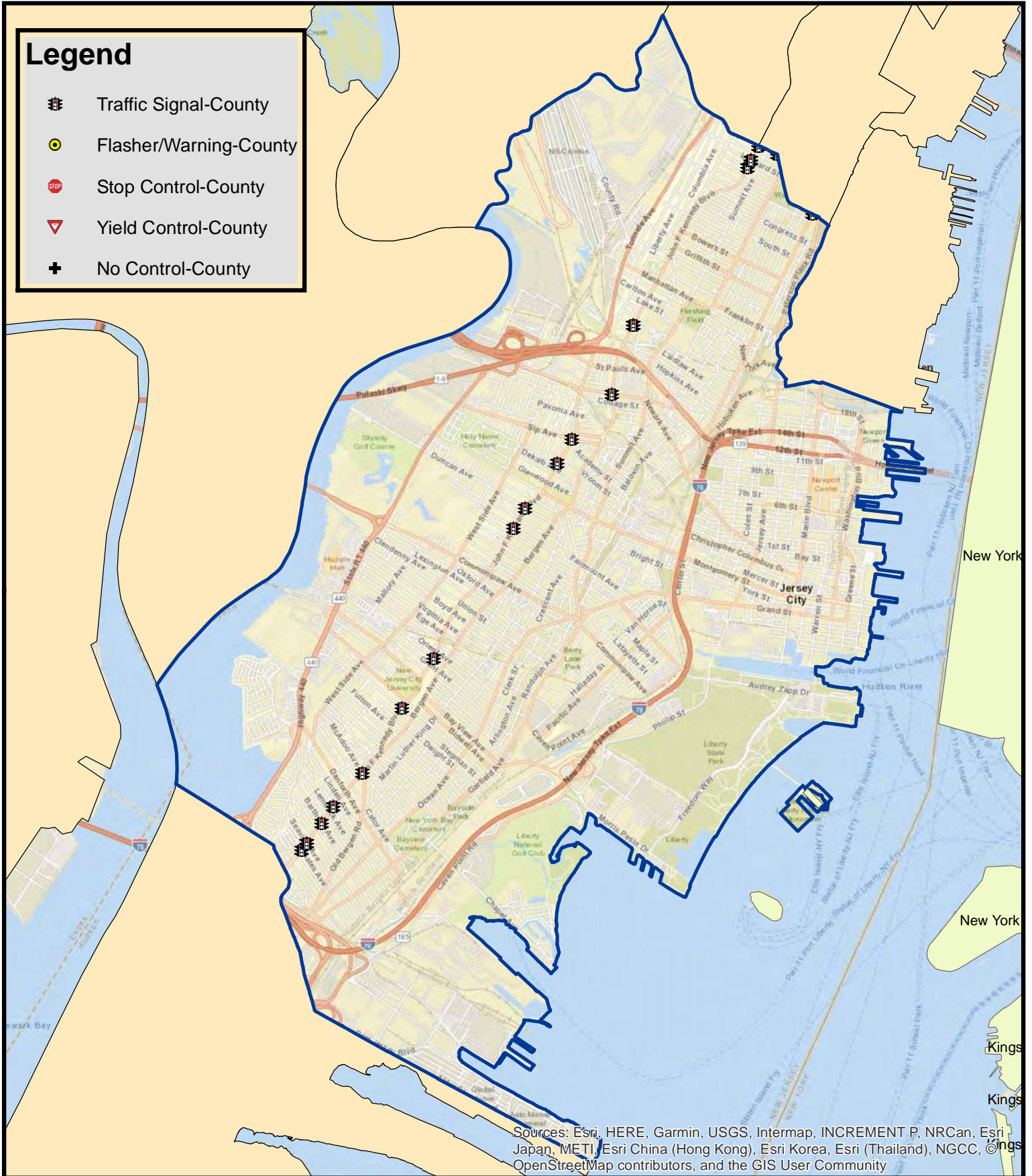
**HUNTERDON COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	
1	HUNTERDON	FLEMINGTON BORO	2019	1/7/2019	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	Municipal	2			0	3	0	0	No		Minor Arterial	CHURCH ST	West		10091005	0.00	Yes	NI 31	25	50	East	North
2	HUNTERDON	FLEMINGTON BORO	2021	6/27/2021	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	2			0	3	0	0	No		Minor Arterial	CHURCH ST	East		10091005	0.32	Yes	MAIN ST	25	25		
3	HUNTERDON	RARITAN TWP	2020	6/25/2020	No Control	Overtaken	Suspected Serious Injury	Municipal	1			0	1	0	0	No		Local	DORY DLTS RD**	West		10211018	0.77	Yes	LITTON RD	35			

 Unmapped

Jersey City

Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)






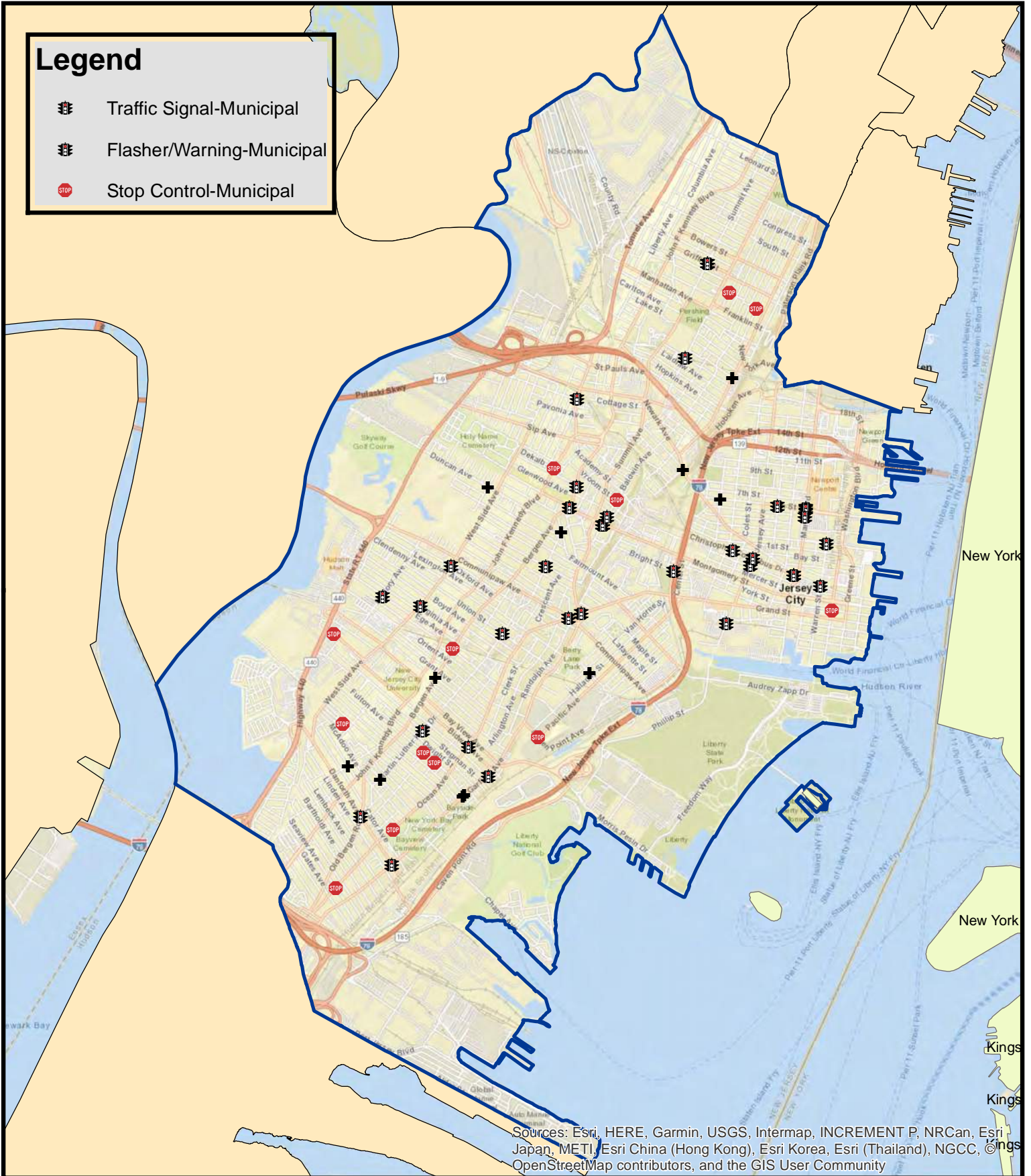
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Jersey City

Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)

Legend

-  Traffic Signal-Municipal
-  Flasher/Warning-Municipal
-  Stop Control-Municipal



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © Esri, OpenStreetMap contributors, and the GIS User Community

**CITY OF JERSEY CITY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS**

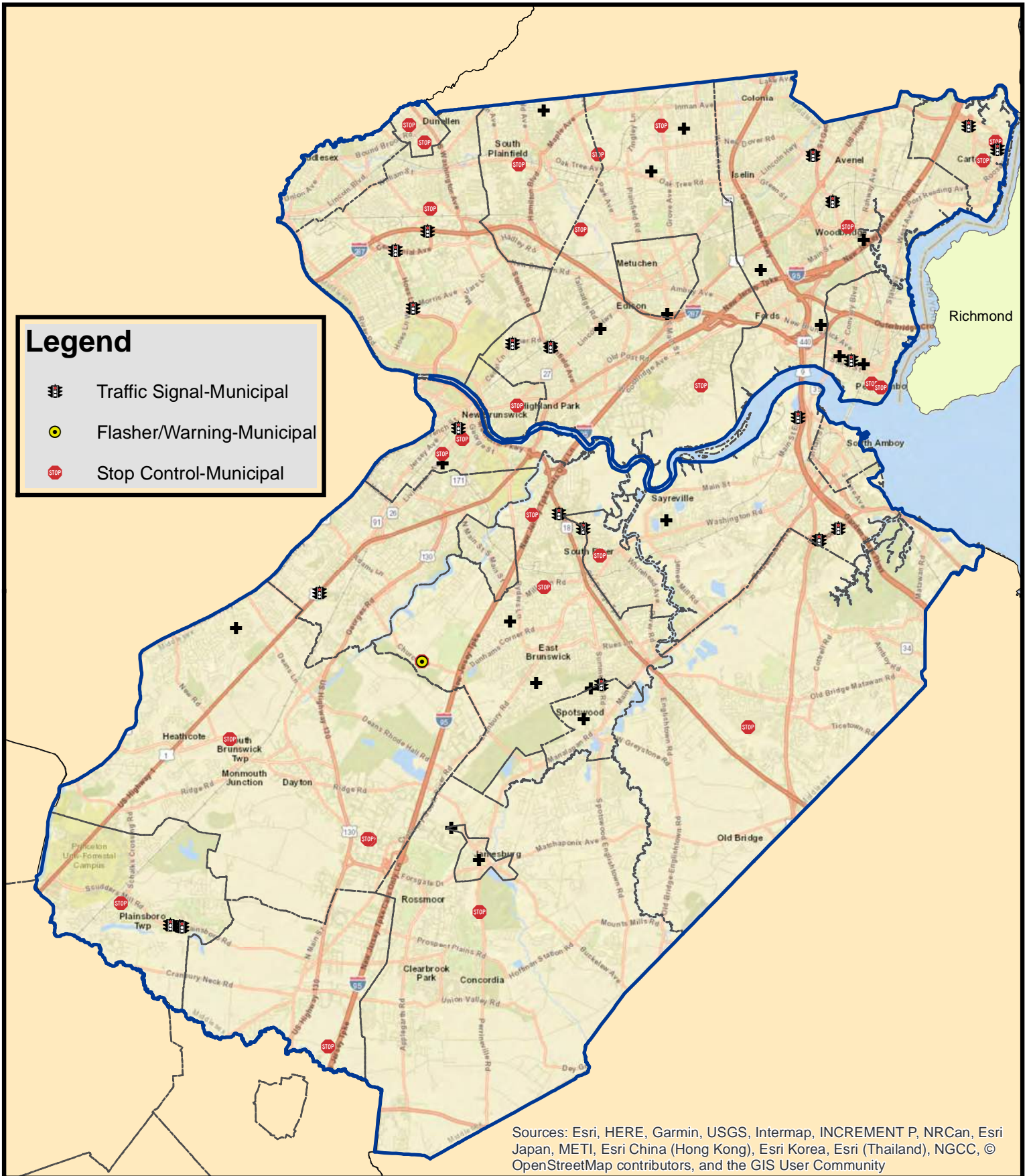
County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
HUDSON	JERSEY CITY	2015	7/23/2015	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No		Not a HPMS Reportable Trafficway	CHRISTOPHER COLUMBUS DR	West				Yes	MONMOUTH ST.	25	25	East	North
HUDSON	JERSEY CITY	2015	8/7/2015	Stop Control	Fixed Object	Suspected Serious Injury	Municipal	1			0	1	0	0	No		Not a HPMS Reportable Trafficway	DELAIR AVE	West				Yes	GARRISON AVE	25	25	East	North
HUDSON	JERSEY CITY	2015	9/11/2015	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No		Not a HPMS Reportable Trafficway	MONTGOMERY ST	East				Yes	BALDWIN AVENUE	25	25	East	South
HUDSON	JERSEY CITY	2015	9/22/2015	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	1			0	1	0	0	No		Not a HPMS Reportable Trafficway	BROOKWAY AVE	East				Yes	TOWNE SQUARE	25	25	East	North
HUDSON	JERSEY CITY	2016	4/26/2016	Stop Control	Right Angle	Suspected Serious Injury	Municipal	3			0	1	0	0	No		Not a HPMS Reportable Trafficway	TOWLER AVE	North				Yes	CATOR AVE	25	25	West	North
HUDSON	JERSEY CITY	2016	8/8/2016	No Control	Same Direction - Sideswipe	Suspected Serious Injury	Municipal	1	1	1	0	1	0	0	No		Not a HPMS Reportable Trafficway	GARFIELD	West				Yes	FULTON	25	25	East	West
HUDSON	JERSEY CITY	2017	4/12/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No		Not a HPMS Reportable Trafficway	HUDSON COUNTY 606	West	606	0900006		Yes	VAN CLEEVE ST	25	25	East	West
HUDSON	JERSEY CITY	2017	6/26/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1			0	1	0	0	No		Not a HPMS Reportable Trafficway	HUDSON COUNTY 606	South		0900006	0.56	Yes	CLERKENWELL AVE	25	25	North	North
HUDSON	JERSEY CITY	2017	7/6/2017	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1			1	0	0	0	No		Not a HPMS Reportable Trafficway	DUNCAN AVENUE	East		0906156		Yes	COMMUNIPAW AVE	25	25	North	North
HUDSON	JERSEY CITY	2017	9/7/2017	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Local	JERSEY AVE	West		0906150	0.26	Yes	FOURTEENTH ST	25	25	East	West
HUDSON	JERSEY CITY	2017	10/10/2017	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1			1	0	0	0	No		Not a HPMS Reportable Trafficway	NEWARK AVE	West		0906173	1.13	Yes	BALDWIN AVE	25	25	West	West
HUDSON	JERSEY CITY	2017	10/26/2017	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1			1	0	0	0	No		Not a HPMS Reportable Trafficway	E COLUMBUS DR	West		0906173		Yes	6TH ST	25	25	West	West
HUDSON	JERSEY CITY	2017	12/5/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1			0	1	0	0	No		Not a HPMS Reportable Trafficway	BIDWELL AVE **	West		0906123	0.55	Yes	MARTIN LUTHER KING DR	25	25	West	West
HUDSON	JERSEY CITY	2018	3/24/2018	Traffic Signal	Struck Parked Vehicle	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Not a HPMS Reportable Trafficway	GARFIELD	West				Yes	BARVIEW	25	25	West	West
HUDSON	JERSEY CITY	2018	4/2/2018	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Not a HPMS Reportable Trafficway	HUDSON COUNTY 618	West	688	0900008	1.09	Yes	VERNON ST	25	25	North	North
HUDSON	JERSEY CITY	2018	7/8/2018	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1			0	1	0	0	No		Not a HPMS Reportable Trafficway	HUDSON COUNTY 618	East	618	0900018	1.00	Yes	CR 627 / WASHINGTON ST	25	25	South	South
HUDSON	JERSEY CITY	2018	10/29/2018	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1			1	0	0	0	No		Local	GRIFFIN ST	East		0906113	0.33	Yes	SUNNYSIDE AVE	25	25	West	West
HUDSON	JERSEY CITY	2018	10/29/2018	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1			1	0	0	0	No		Local	GRIFFIN ST	East		0906113	0.33	Yes	SUNNYSIDE AVE	25	25	West	West
HUDSON	JERSEY CITY	2019	3/13/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	3	1		0	1	0	1	No		Minor Arterial	OCEAN AVE	South		0906145	0.21	Yes	SEAVIEW AVE	25	25	South	East
HUDSON	JERSEY CITY	2019	4/26/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	6	0	0	No		Local	STEVENS AVE **	West		0906174	0.29	Yes	MARTIN LUTHER KING DR	25	25	South	East
HUDSON	JERSEY CITY	2019	10/31/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1		0	1	0	1	Yes		Not a HPMS Reportable Trafficway	CHRISTOPHER COLUMBUS DR	East				Yes	GROVE ST	25	25	South	South
HUDSON	JERSEY CITY	2019	11/9/2019	No Control	Pedestrian	Suspected Serious Injury	Municipal	1			0	1	0	0	Yes		Local	TERKLINE AVE **	North		0906173	0.30	Yes	FOONER AVE	25	25	North	North
HUDSON	JERSEY CITY	2019	11/26/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Local	GARCON PL **	West		0906288	0.33	Yes	MORTONDAWAY	25	25	East	West
HUDSON	JERSEY CITY	2020	1/24/2020	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1		0	1	0	0	No		Local	DELAWARE AVE **	North		0906293	0.17	Yes	DUNCAN AVE	25	25	North	North
HUDSON	JERSEY CITY	2020	3/20/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Minor Arterial	PAISADAY AVE	South		0906130	0.72	Yes	NEW ST	25	25	North	North
HUDSON	JERSEY CITY	2020	7/18/2020	No Control	Pedestrian	Fatal Injury	Municipal	1			1	0	0	0	No		Minor Arterial	PAISADAY AVE	North		0906130	0.58	Yes	WAVERLY ST	25	25	North	North
HUDSON	JERSEY CITY	2020	7/24/2020	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	2			0	5	0	0	No		Minor Arterial	GRAND ST	East		0906170	0.26	Yes	COMMUNIPAW AVE / PRESCOTT AVE	25	25	North	North
HUDSON	JERSEY CITY	2020	8/2/2020	No Control	Left Turn/U Turn	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Major Collector	MARTIN LUTHER KING JR DR	West		0906188	0.06	Yes	WARNER AVE	25	25	South	West
HUDSON	JERSEY CITY	2020	8/24/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Local	CLARK AVE **	West		0906173	0.36	Yes	CLARK ST	25	25	North	North
HUDSON	JERSEY CITY	2020	8/29/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2			0	5	0	0	No		Local	CLARK AVE **	North		0906173	0.36	Yes	CLARK ST	25	25	North	West
HUDSON	JERSEY CITY	2020	7/10/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1			0	1	0	1	No		Local	CLARK AVE **	West		09061206	0.21	Yes	MALLOREY AVE	25	25	North	North
HUDSON	JERSEY CITY	2020	7/30/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Minor Arterial	DANFORTH AVE	South		0906188	0.88	Yes	OLD BERGEN RD / ASSE AVE	25	25	North	North
HUDSON	JERSEY CITY	2020	8/6/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Minor Arterial	DANFORTH AVE	West		0906188	1.93	Yes	KAREN BLVD	25	25	North	North
HUDSON	JERSEY CITY	2020	8/11/2020	No Control	Right Angle	Suspected Serious Injury	Municipal	1	2		0	1	0	0	No		Local	BERGEN AVE / DUNCAN AVE	North		0906188	0.58	Yes	WILSON AVE	25	25	North	North
HUDSON	JERSEY CITY	2020	8/25/2020	No Control	Pedestrian	Suspected Serious Injury	Municipal	1			0	1	0	0	No		Local	BRAMHALL AVE **	East		0906114	0.07	Yes	SACKETT ST	25	25	West	West
HUDSON	JERSEY CITY	2020	10/17/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1			0	1	0	0	No		Minor Arterial	BALDWIN AVE	North		0906156	1.38	Yes	WASHINGTON ST	25	25	North	North
HUDSON	JERSEY CITY	2020	10/25/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1			0	1	0	0	No		Local	BALDWIN AVE	North		0906156	1.38	Yes	WASHINGTON ST	25	25	North	North
HUDSON	JERSEY CITY	2020	10/31/2020	Traffic Signal	Left Turn/AJ Turn	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Minor Arterial	GRAND ST	East		0906170	0.35	Yes	CENTER ST	25	25	North	North
HUDSON	JERSEY CITY	2020	11/3/2020	No Control	Struck Parked Vehicle	Suspected Serious Injury	Municipal	5			0	2	0	0	No		Local	BRUNSWICK ST	West		0906173	0.25	Yes	6TH ST	25	25	North	North
HUDSON	JERSEY CITY	2020	12/9/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1			0	1	0	1	No		Local	6TH ST **	West		0906105	0.17	Yes	7TH ST	25	25	North	North
HUDSON	JERSEY CITY	2020	12/30/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	4	0	0	No		Minor Arterial	BALDWIN AVE	South		0906150	1.08	Yes	YOODM ST	25	25	North	North
HUDSON	JERSEY CITY	2021	1/7/2021	Stop Control	Struck Parked Vehicle	Fatal Injury	Municipal	3			1	0	0	0	No		Major Collector	NEW YORK AVE	South		0906170	0.59	Yes	HUTTON ST	25	25	North	North
HUDSON	JERSEY CITY	2021	2/13/2021	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1		0	1	0	1	No		Minor Arterial	COLUMBUS DR	West		0906159	0.77	Yes	JERSEY AVE	25	25	North	North
HUDSON	JERSEY CITY	2021	5/16/2021	Stop Control	Fixed Object	Suspected Serious Injury	Municipal	1			0	1	0	0	No		Local	CAYEN POINT AVE **	East		0906152	0.00	Yes	PACIFIC AVE	25	25	North	North
HUDSON	JERSEY CITY	2021	6/2/2021	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	1			1	0	0	0	No		Major Collector	MONTICELLO AVE	South		0906184	0.21	Yes	BELMONT AVE	25	25	North	North
HUDSON	JERSEY CITY	2021	6/22/2021	Traffic Signal	Same Direction - Sideswipe	Suspected Serious Injury	Municipal	2			0	1	0	0	No	1	Minor Arterial	MERSELLE ST	South		0906164	0.25	Yes	BRIGHT ST	25	25	North	North
HUDSON	JERSEY CITY	2021	6/18/2021	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	4	2		0	4	0	1	No		Minor Arterial	OCEAN AVE	South		0906145	1.41	Yes	BIDWELL AVE	25	25	North	North
HUDSON	JERSEY CITY	2021	6/18/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Local	HUTTON ST **	West		0906173	0.38	Yes	GAMBRIDGE AVE	25	25	North	North
HUDSON	JERSEY CITY	2021	7/9/2021	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1			0	1	0	0	No		Minor Arterial	CENTRAL AVE	West		0906143	0.33	Yes	ELFORD AVE	25	25	North	North
HUDSON	JERSEY CITY	2021	7/25/2021	No Control	Other	Suspected Serious Injury	Municipal</																					

**MIDDLESEX COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	
1	MIDDLESEX	OLD BRIDGE TWP	2015	3/24/2015	Traffic Signal	Fixed Object	Suspected Serious Injury	County 1	0	1	0	0	0	0	Yes		Minor Arterial	MIDDLESEX COUNTY 527	South	527	00000527	37.51	Yes	KENNINGTON AVE	35	25	East		
2	MIDDLESEX	MIDDLESEX BORO	2015	4/5/2015	No Control	Right Angle	Suspected Serious Injury	County 2	0	1	0	0	0	0	No		Major Collector	MIDDLESEX COUNTY 607	West	607	12000007	0.66	Yes	ASHLAND RD	35	25	South	West	
3	MIDDLESEX	CRANBURY TWP	2015	5/11/2015	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County 3	0	1	0	0	0	0	No		Principal Arterial - Other	ROUTE 535	South	535	00000335	15.79	Yes	CR 674 / DEY RD	50	45	North	East	
4	MIDDLESEX	OLD BRIDGE TWP	2015	5/24/2015	Right Angle	Right Angle	Suspected Serious Injury	County 2	0	1	0	0	0	0	No		Not a HPMS Reportable Trafficway	MIDDLESEX COUNTY 691	West	691	00000035	2.86	Yes	CR 696 / WINDY HILL RD	40	40	West		
5	MIDDLESEX	EAST BRUNSWICK TWP	2015	6/9/2015	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County 2	0	2	0	0	0	0	No		Principal Arterial - Other	MIDDLESEX COUNTY 617	East	617	12000617	1.58	Yes	TREAT LN / WINTON RD	40	25	South	West	
6	MIDDLESEX	PISCATAWAY TWP	2015	6/30/2015	Traffic Signal	Pedestrian	Fatal Injury	County 1	1	1	0	1	0	0	No	1	Not a HPMS Reportable Trafficway	ROUTE 529	South	529	00000529	2.82	Yes		45	25	North		
7	MIDDLESEX	DUNELLEN BORO	2015	7/8/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	County 1	2	0	1	0	1	0	No		Principal Arterial - Other	ROUTE 529	North	529	00000529	7.06	Yes	CR 678 / WALNUT ST	25	30	North		
8	MIDDLESEX	EAST BRUNSWICK TWP	2015	7/25/2015	Traffic Signal	Right Angle	Fatal Injury	County 2	1	2	0	0	0	0	No		Principal Arterial - Other	ROUTE 529	West	529	00000529	4.23	Yes	CR 678 / WINDY HILL RD	45	25	East	West	
9	MIDDLESEX	SOUTH BRUNSWICK TWP	2015	8/3/2015	Stop Control	Right Angle	Suspected Serious Injury	County 3	0	3	0	0	0	0	No		Not a HPMS Reportable Trafficway	ROUTE 522	East	522	00000522	22.86	Yes	NORTHUMBERLANDWAY	50	35	South	South	
10	MIDDLESEX	SOUTH PLAINFIELD BORO	2015	9/16/2015	Stop Control	Same Direction - Sideswipe	Fatal Injury	County 2	2	1	0	0	0	0	No		Major Collector	MIDDLESEX COUNTY 603 I	West	603	12000603	0.36	Yes	WEST END AVE	40	25	North	North	
11	MIDDLESEX	SOUTH PLAINFIELD BORO	2015	9/19/2015	Traffic Signal	Right Angle	Suspected Serious Injury	County 2	0	2	0	0	0	0	No		Not a HPMS Reportable Trafficway	ROUTE 533	South	533	12000533	0.86	Yes	CR 602 / MAPLE AVE	25	25	East	South	
12	MIDDLESEX	DUNELLEN BORO	2015	9/20/2015	Stop Control	Right Angle	Suspected Serious Injury	County 2	0	2	0	0	0	0	No		Not a HPMS Reportable Trafficway	ROUTE 529	West	529	00000529	2.86	Yes		25	25	West	North	
13	MIDDLESEX	SOUTH AMBOY CITY	2015	10/27/2015	Stop Control	Right Angle	Fatal Injury	County 2	1	0	0	0	0	0	No		Minor Arterial	MIDDLESEX COUNTY 684	North	684	12000684	1.42	Yes	RABBITAN ST	25	25	East	South	
14	MIDDLESEX	WOODBURGE TWP	2015	12/8/2015	Stop Control	Right Angle	Suspected Serious Injury	County 2	0	2	0	0	0	0	No		Not a HPMS Reportable Trafficway	MIDDLESEX COUNTY 656	West	656	12000656	7.06	Yes	CROWS MILL RD	50	25	West	East	
15	MIDDLESEX	DUNELLEN BORO	2016	4/6/2016	Traffic Signal	Right Angle	Fatal Injury	County 2	1	3	0	0	0	0	No		Principal Arterial - Other	ROUTE 529	North	529	00000529	3.09	Yes	CR 678 / WALNUT ST	25	25	South	North	
16	MIDDLESEX	EDISON TWP	2016	4/22/2016	No Control	Opposite Direction (Head On)	Suspected Serious Injury	County 2	0	3	0	0	0	0	Yes		Minor Arterial	MIDDLESEX COUNTY 662	West	662	12000662	3.76	Yes	WAKEFIELD DR	40	25	West	South	
17	MIDDLESEX	PERTH AMBOY CITY	2016	6/13/2016	No Control	Pedestrian	Suspected Serious Injury	County 1	1	0	1	0	0	0	No		Minor Arterial	MIDDLESEX COUNTY 611	East	611	12000611	0.22	Yes	COMMERCE ST	25	25	North	South	
18	MIDDLESEX	OLD BRIDGE TWP	2016	7/19/2016	Traffic Signal	Right Angle	Fatal Injury	County 2	1	1	0	0	0	0	No		Minor Arterial	ROUTE 516	East	516	00000516	3.65	Yes	CR 687 / COTTRILL RD	45	25	North	South	
19	MIDDLESEX	PERTH AMBOY CITY	2016	7/26/2016	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County 2	0	1	0	0	0	0	No		Minor Arterial	MIDDLESEX COUNTY 611	South	611	12000611	0.80	Yes	HALL AVE	25	25	East	North	
20	MIDDLESEX	EDISON TWP	2017	3/4/2017	Stop Control	Right Angle	Suspected Serious Injury	County 2	0	1	0	0	0	0	No		Minor Arterial	MIDDLESEX COUNTY 602 I	West	602	12000602	2.66	Yes	RAHWAY RD	40	25	East	West	
21	MIDDLESEX	EAST BRUNSWICK TWP	2017	5/21/2017	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County 3	0	3	0	0	0	0	No	1		Principal Arterial - Other	ROUTE 535	North	535	00000535	22.60	Yes	FERN RD	50	35	North	North
22	MIDDLESEX	NORTH BRUNSWICK TWP	2017	10/7/2017	No Control	Fixed Object	Suspected Serious Injury	County 1	0	1	0	0	0	0	Yes		Not a HPMS Reportable Trafficway	MIDDLESEX COUNTY 608	West	608	12000608	1.42	Yes	ADAMS LN W	35	25	West	North	
23	MIDDLESEX	MIDDLESEX BORO	2018	1/20/2018	Stop Control	Right Angle	Suspected Serious Injury	County 2	0	1	0	0	0	0	No		Not a HPMS Reportable Trafficway	MIDDLESEX COUNTY 613	East	613	12000613	4.12	Yes	MOHNS MILLS RD	50	40	West	West	
24	MIDDLESEX	SAVYVILLE BORO	2018	3/6/2018	Traffic Signal	Right Angle	Suspected Serious Injury	County 2	0	4	0	0	0	0	Yes		Not a HPMS Reportable Trafficway	CHESAVER AVE	West			0.22	Yes	MAIN ST EXT	25	50	West	East	
25	MIDDLESEX	PLAINSBORO TWP	2018	3/28/2018	Traffic Signal	Left Turn/U Turn	Fatal Injury	County 2	1	0	0	0	0	0	No		Not a HPMS Reportable Trafficway	MIDDLESEX COUNTY 614	East	614	12000614	1.10	Yes	NOVO DORCKS WAY	50	15	West	South	
26	MIDDLESEX	EAST BRUNSWICK TWP	2018	4/26/2018	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County 2	0	4	0	0	0	0	No		Not a HPMS Reportable Trafficway	RYERS LANE	North	612	12000612	3.97	Yes	RYERS LANE	45	40	North	East	
27	MIDDLESEX	MIDDLESEX BORO	2018	5/10/2018	Stop Control	Right Angle	Fatal Injury	County 2	1	1	0	0	0	0	No		Minor Arterial	MIDDLESEX COUNTY 612	West	612	12000612	1.12	Yes	SPOTSWOOD GRAVEL HILL RD	40	30	South		
28	MIDDLESEX	EAST BRUNSWICK TWP	2018	12/22/2018	Stop Control	Right Angle	Suspected Serious Injury	County 2	0	1	0	0	0	0	No		Minor Arterial	MIDDLESEX COUNTY 606	East	606	12000606	1.18	Yes	WEDGEWOOD CT	40	25	South	East	
29	MIDDLESEX	METUCHEN BORO	2018	12/27/2018	Traffic Signal	Pedestrian	Suspected Serious Injury	County 1	1	0	1	0	1	0	No		Major Collector	MIDDLESEX COUNTY 660	West	660	12000660	0.52	Yes	EGGERT AVE / GROVE AVE	25	25	West	East	
30	MIDDLESEX	SAVYVILLE BORO	2019	1/23/2019	No Control	Pedestrian	Suspected Serious Injury	County 2	0	1	0	0	0	0	No		Principal Arterial - Other	ROUTE 535	West	535	00000535	29.16	Yes		35	25	West	North	
31	MIDDLESEX	NEW BRUNSWICK CITY	2019	1/8/2019	Traffic Signal	Pedestrian	Fatal Injury	County 1	1	0	1	0	1	0	No		Minor Arterial	NY 371	North	371	00001371	2.51	Yes	CR 691 / LIVINGSTON AVE / COMMERCIA	25	25	North	South	
32	MIDDLESEX	PISCATAWAY TWP	2019	1/10/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County 1	1	0	1	0	0	0	No	1		Principal Arterial - Other	MIDDLESEX COUNTY 665	South	665	12000665	0.76	Yes	CENTENNIAL AVE	40	40	East	North
33	MIDDLESEX	WOODBURGE TWP	2019	2/9/2019	Stop Control	Right Angle	Suspected Serious Injury	County 2	0	4	0	0	0	0	No		Minor Arterial	MIDDLESEX COUNTY 611	South	611	12000611	2.94	Yes	ARBON ST / WEST ST	25	25	South	East	
34	MIDDLESEX	SOUTH BRUNSWICK TWP	2019	3/14/2019	Stop Control	Right Angle	Suspected Serious Injury	County 2	0	2	0	0	0	0	No		Local	ROUTE 533	CR 67	533	00000533	1.73	Yes	CR 67 / WEST ST	CR 25	40	East	South	
35	MIDDLESEX	PERTH AMBOY CITY	2019	4/12/2019	No Control	Pedestrian	Suspected Serious Injury	County 1	1	0	1	0	1	0	No		Major Collector	MIDDLESEX COUNTY 658 I	West	658	12000658	4.40	Yes	MEAD ST	25	25	East	South	
36	MIDDLESEX	NEW BRUNSWICK CITY	2019	6/11/2019	No Control	Struck Parked Vehicle	Suspected Serious Injury	County 2	0	1	0	0	0	0	No		Principal Arterial - Other	NY 27	27	00000227	15.48	Yes	COSWELL PL / COMSTOCK ST	25	25	East	North		
37	MIDDLESEX	WOODBURGE TWP	2019	6/24/2019	No Control	Pedestrian	Suspected Serious Injury	County 1	1	0	1	0	1	0	No		Minor Arterial	MIDDLESEX COUNTY 604	East	604	12000604	4.02	Yes	BENJAMIN AVE	25	25	East	South	
38	MIDDLESEX	OLD BRIDGE TWP	2019	7/19/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County 2	0	1	0	0	0	0	No		Principal Arterial - Other	ROUTE 516	East	516	00000516	1.42	Yes		40	25	North	South	
39	MIDDLESEX	SAVYVILLE BORO	2019	7/3/2019	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County 3	0	2	0	0	0	0	No		Minor Arterial	ROUTE 535	West	535	00000535	27.97	Yes	CR 670 / MAIN ST	40	40	West	West	
40	MIDDLESEX	EAST BRUNSWICK TWP	2019	7/12/2019	Stop Control	Right Angle	Suspected Serious Injury	County 2	0	3	0	0	0	0	No		Minor Arterial	MIDDLESEX COUNTY 615	West	615	12000615	3.73	Yes		35	25	West	East	
41	MIDDLESEX	EAST BRUNSWICK TWP	2019	8/20/2019	Stop Control	Right Angle	Suspected Serious Injury	County 2	0	1	0	0	0	0	No		Not a HPMS Reportable Trafficway	DUNHAMMS CONANT RD	West			1.37	Yes	CHURCH LN	30	30	West	North	
42	MIDDLESEX	CRANBURY TWP	2019	7/28/2019	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County 2	0	3	0	0	0	0	No		Major Collector	MIDDLESEX COUNTY 615	North	615	12000615	1.22	Yes	GEORGE DAVISON RD / JOHN WHITE RD	50	50	East	North	
43	MIDDLESEX	SOUTH BRUNSWICK TWP	2019	8/8/2019	Traffic Signal	Left Turn/U Turn	Fatal Injury	County 2	1	1	0	0	0	0	Yes		Principal Arterial - Other	ROUTE 535	South	535	00000535	20.89	Yes	DAVISON'S MILL RD	50	35	East	North	
44	MIDDLESEX	SOUTH BRUNSWICK TWP	2019	8/10/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County 2	0	2	0	0	0	0	No		Minor Arterial	ROUTE 522	East	522	00000522	6.23	Yes	ROUTE 535 / SYRIVER RD	40	45	South	East	
45	MIDDLESEX	SOUTH PLAINFIELD BORO	2019	8/12/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County 2	0	1	0	0	0	0	No		Principal Arterial - Other	MIDDLESEX COUNTY 603 I	West	603	12000603	0.36	Yes	ST NICOLAS AVE	35	25	East	South	
46	MIDDLESEX	SPOTSWOOD BORO	2019	8/28/2019	No Control	Same Direction - Rear End	Suspected Serious Injury	County 2	0	1	0	0	0	0	No		Not a HPMS Reportable Trafficway	MIDDLESEX COUNTY 615	East	615	12000615	1.55	Yes		35	25	South	South	
47</																													

Middlesex County

Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)



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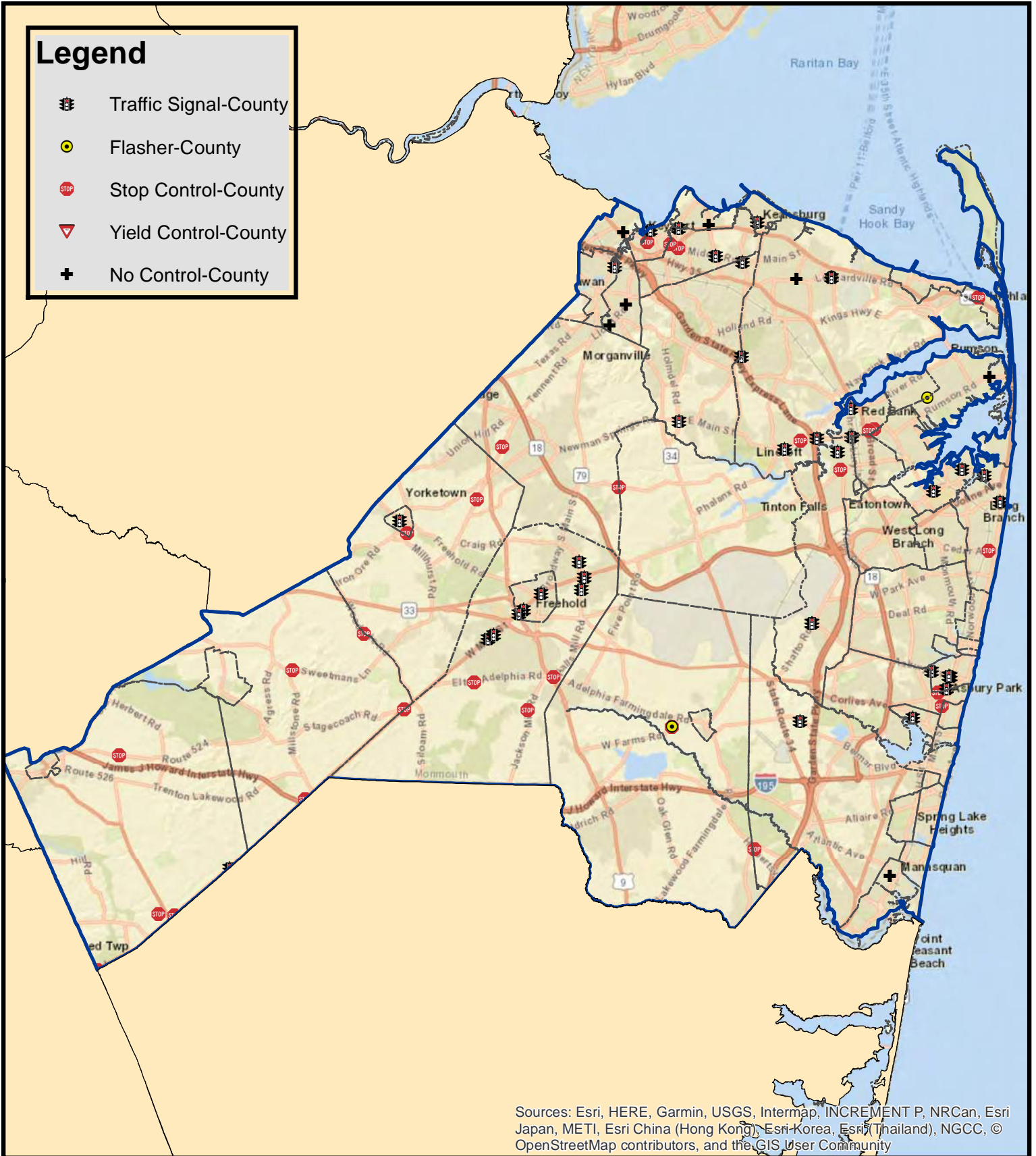
MIDDLESEX COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MIDDLESEX ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction		
1	MIDDLESEX	CARTERET BORO	2016	12/28/2016	Stop Control	Right Angle	Suspected Serious Injury	Municipal	3		0	3	0	0	0	No	Not a HPMS Reportable Trafficway	CHARLES ST	North				Yes	JEANETTE STREET	25	25	West	North		
2	MIDDLESEX	CARTERET BORO	2017	4/5/2017	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	2		0	2	0	0	0	No	Not a HPMS Reportable Trafficway	INDUSTRIAL RD	South				Yes	ROOSEVELT AVENUE	45	25	North	East		
3	MIDDLESEX	CARTERET BORO	2019	7/29/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	3		0	3	0	0	0	No	1	Local	LOWELL ST **	North	12011079	0.08	Yes	ROMANOWSKI ST	25	25	South	North		
4	MIDDLESEX	CARTERET BORO	2020	6/23/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	No	Not a HPMS Reportable Trafficway	INDUSTRIAL RD	South				Yes	MIDDLESEX COUNTY 602 B	45	25	South	North		
5	MIDDLESEX	CARTERET BORO	2020	12/22/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	3		0	3	0	0	0	No	Not a HPMS Reportable Trafficway	INDUSTRIAL HIGHWAY	West				Yes	DRIFWAY	50					
6	MIDDLESEX	CRANBURY TWP	2022	3/5/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	No	Local	BRICK YARD RD **	East			12021021	0.88	Yes	HIGHTSTOWN CRANBURY STATION	50	40	East	South	
7	MIDDLESEX	CRANBURY TWP	2022	9/14/2022	Stop Control	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	2		0	3	0	0	0	No	Local	BRICK YARD RD **	West			12021021	0.88	Yes	HIGHTSTOWN CRANBURY STATION	50	40	South	West	
8	MIDDLESEX	DUNELLEN BORO	2020	6/25/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	No	Local	FIRST ST **	East			12031013	0.62	Yes	MADISON AVE	25	25	West	North	
9	MIDDLESEX	DUNELLEN BORO	2020	12/19/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	3		0	5	0	0	0	No	Local	PROSPECT AVE **	West			12171331	0.66	Yes	CR 676 / WALNUT ST	25	25			
10	MIDDLESEX	EAST BRUNSWICK TWP	2016	4/14/2016	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No	Not a HPMS Reportable Trafficway	SULLIVAN WAY	South				Yes	CORONA ROAD	25	25	West	North		
11	MIDDLESEX	EAST BRUNSWICK TWP	2017	8/4/2017	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No	Not a HPMS Reportable Trafficway	EDGEWOOD ROAD	West				Yes	OLD BRIDGE TURNPIKE	35	40	West	North		
12	MIDDLESEX	EAST BRUNSWICK TWP	2018	11/18/2018	No Control	Fixed Object	Suspected Serious Injury	Municipal	1		0	1	0	0	0	No	Local	RED COAT DR **	West			12041134	0.12	Yes	WEST CT	25	25	West	North	
13	MIDDLESEX	EAST BRUNSWICK TWP	2019	10/24/2019	No Control	Opposite Direction (Head On)	Fatal Injury	Municipal	2		1	0	0	0	0	No	Local	VILLAGE DR **	East			12041639	0.46	Yes	APPLIGATE LANE	25	25	West	South	
14	MIDDLESEX	EAST BRUNSWICK TWP	2020	2/3/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	6	0	0	0	No	Local	FARMS RD / FARMS RD CIR **	North			12041189	0.06	Yes	HILLTOP BLVD	25	25	West	North	
15	MIDDLESEX	EAST BRUNSWICK TWP	2022	8/25/2022	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	2	0	1	0	0	0	No	Minor Arterial	TICES LN / WASHINGTON AVE	East			12121706	2.45	Yes	ROUTE 527 / OLD BRIDGE TPK	35	35	South		
16	MIDDLESEX	EAST BRUNSWICK TWP	2022	9/8/2022	Flasher/Warning	Right Angle	Suspected Serious Injury	Municipal	2		0	6	0	0	0	No	Minor Arterial	CHURCH LN	North			12041702	0.96	Yes	FRESH PONDS RD	35	35	North	West	
17	MIDDLESEX	EAST BRUNSWICK TWP	2022	10/9/2022	Traffic Signal	Left Turn/Right	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No	Minor Arterial	HELMETTA BLVD / OLD STAGE RD	East			12041704	2.96	Yes	CR 613 / SUMMERHILL RD	40	35	West	South	
18	MIDDLESEX	EDISON TWP	2015	8/19/2015	No Control	Fixed Object	Suspected Serious Injury	Municipal	1		0	1	0	0	0	No	Not a HPMS Reportable Trafficway	STURGE RD	South				Yes	ASHLEY RD	25	25	East	North		
19	MIDDLESEX	EDISON TWP	2016	8/09/2016	Traffic Signal	Fixed Object	Suspected Serious Injury	Municipal	3		0	2	0	0	0	No	Not a HPMS Reportable Trafficway	CENTRAL AVE	North				Yes	RAINBOW AVE	25	25	North	East		
20	MIDDLESEX	EDISON TWP	2019	6/20/2019	No Control	Same Direction - Rear End	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No	Local	MCKINLEY ST **	West			12051725	0.40	Yes	LIFTON ST	25	25	West	West	
21	MIDDLESEX	EDISON TWP	2020	7/3/2020	Traffic Signal	Left Turn/Right	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No	Minor Arterial	KILMER RD	West			12051796	0.21	Yes	TRUMAN DR / TRUMAN DR S	35	25	West	North	
22	MIDDLESEX	EDISON TWP	2021	8/16/2021	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	No	Local	MILTON AVE **	East			12051638	0.13	Yes	MT PLEASANT AVE	25	25			
23	MIDDLESEX	EDISON TWP	2021	11/10/2021	Stop Control	Right Angle	Fatal Injury	Municipal	2		1	1	0	0	0	No	Local	ALEXIS LN **	North			12051668	0.00	Yes	TALMAGE RD	35	35	West	North	
24	MIDDLESEX	EDISON TWP	2022	2/8/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No	1	Major Collector	RABBIT CENTER PKWY	North			12051771	1.39	Yes	COLUMBUS CIR / NEWFIELD AVE	25	25	West	North
25	MIDDLESEX	EDISON TWP	2022	4/22/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No	Local	GROVE AVE	North			12052043	0.51	Yes	WINTERGREEN AVE E / WINTERGREEN AVE	35	25	North	South	
26	MIDDLESEX	HIGHLAND PARK BORO	2022	11/22/2022	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	0	No	Local	N 5TH AVE / S 5TH AVE **	West			12071028	0.61	Yes	MADONNA ST	25	25	West	North	
27	MIDDLESEX	JAMESBURG BORO	2016	8/21/2016	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	No	Not a HPMS Reportable Trafficway	DARTON RD	North				Yes	COLLETTI TR	25	25	West	North		
28	MIDDLESEX	JAMESBURG BORO	2016	6/17/2016	No Control	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No	Not a HPMS Reportable Trafficway	ZATMER AV	North				Yes	HARRISON ST	25	25	East	North		
29	MIDDLESEX	NELTCHER BORO	2019	11/9/2019	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	2	0	2	0	2	0	No	Local	WEST CEDAR ST **	West			12101005	0.69	Yes	ROUTE 531 / MAIN ST	25	30	West	North	
30	MIDDLESEX	NEW BRUNSWICK CITY	2015	8/25/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No	Not a HPMS Reportable Trafficway	WINDMILL RD	North			12111033	1.03	Yes	WINDMILL RD	45	30	South	North	
31	MIDDLESEX	NEW BRUNSWICK CITY	2017	9/30/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	No	Not a HPMS Reportable Trafficway	MIDDLESEX COUNTY 601	North				Yes	LAWRENCE ST / WELLINGTON ST	25	25	South	North		
32	MIDDLESEX	NEW BRUNSWICK CITY	2018	11/3/2018	Traffic Signal	Fixed Object	Suspected Serious Injury	Municipal	1		0	1	0	0	0	Yes	Not a HPMS Reportable Trafficway	JOYCE KILMER AVENUE	North				Yes	NEW STREET	25	25	South	East		
33	MIDDLESEX	NEW BRUNSWICK CITY	2019	11/25/2019	Stop Control	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No	Local	LEE AVE **	East			12141095	0.20	Yes	SEAMAN ST	25	25	North	East	
34	MIDDLESEX	NEW BRUNSWICK CITY	2022	7/14/2022	No Control	Pedestrian	Suspected Serious Injury	Municipal	1		0	1	0	0	0	No	Local	EILEEN ST **	North			12141013	0.11	Yes	LEE AVE	25	25	South	South	
35	MIDDLESEX	NORTH BRUNSWICK TWP	2015	8/29/2015	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	3		0	3	0	0	0	No	Not a HPMS Reportable Trafficway	AARON RD	East				Yes	US 1	25	55	South	South		
36	MIDDLESEX	OLD BRIDGE TWP	2021	7/5/2021	Stop Control	Struck Parked Vehicle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No	Local	HASTINGS RD **	North			12091060	0.30	Yes	CALVIN CT	25	25	West	North	
37	MIDDLESEX	PERTH AMBOY CITY	2017	3/7/2017	Stop Control	Right Angle	Fatal Injury	Municipal	2		1	5	0	0	0	No	Not a HPMS Reportable Trafficway	GORDON ST	North				Yes	STATE ST	25	25	North	South		
38	MIDDLESEX	PERTH AMBOY CITY	2019	10/8/2019	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	No	Minor Collector	FAYETTE ST	East			12161165	0.78	Yes	ONE ST	25	25	North	South	
39	MIDDLESEX	PERTH AMBOY CITY	2019	2/7/2019	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	No	Minor Collector	FAYETTE ST	East			12161165	0.21	Yes	WATSON AVE	25	25	South	North	
40	MIDDLESEX	PERTH AMBOY CITY	2019	2/7/2019	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No	Minor Collector	FAYETTE ST	East			12161165	0.48	Yes	CR 624 / GOODWIN ST / ROUTE 440 CON	25	25	South	North	
41	MIDDLESEX	PERTH AMBOY CITY	2019	6/21/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	Yes	Local	GORDON ST **	East			12161156	0.41	Yes	HIGH ST	25	25	South	East	
42	MIDDLESEX	PISCATAWAY TWP	2016	6/16/2016	Traffic Signal	Left Turn/Right	Suspected Serious Injury	Municipal	2		0	3	0	0	0	No	Not a HPMS Reportable Trafficway	HOELS LN	North				Yes	MORRIS AVE	40	35	East	North		
43	MIDDLESEX	PISCATAWAY TWP	2016	6/25/2016	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	3	0	0	0	Yes	Minor Arterial	CENTENNIAL AVE	East			12171603	1.76	Yes	HOELS LN	40	35	East	South	
44	MIDDLESEX	PISCATAWAY TWP	2019	7/31/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	4	0	0	0	No	Minor Arterial	OLD NEW BRUNSWICK RD	North			12171602	1.27	Yes	CARLTON CLUB DR	35	25	East	West	
45	MIDDLESEX	PISCATAWAY TWP	2022	6/27/2022	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No	Major Collector	S RANDOLPHVILLE RD	North			12171605	1.99	Yes	1287	40	65	East	South	
46	MIDDLESEX	PLAINSBORO TWP	2017	3/8/2017	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	5	0	0	0	No	Not a HPMS Reportable Trafficway	PLAINSBORO ROAD	East				Yes	THOREAU DRIVE	45	25	South	North		
47	MIDDLESEX	PLAINSBORO TWP	2020	5/16/2020	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1	1	0	0	1	0	No	Minor Arterial	PLAINSBORO-CRANBURY RD	East			12181039	3.05	Yes	THOREAU CT	45	25	South	South	
48	MIDDLESEX	PLAINSBORO TWP	2022	2/12/2022	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	2		0	2	0	0	0	No	Minor Arterial	PLAINSBORO-CRANBURY RD	East</											

Monmouth County Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)

Legend

-  Traffic Signal-County
-  Flasher-County
-  Stop Control-County
-  Yield Control-County
-  No Control-County



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri-Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

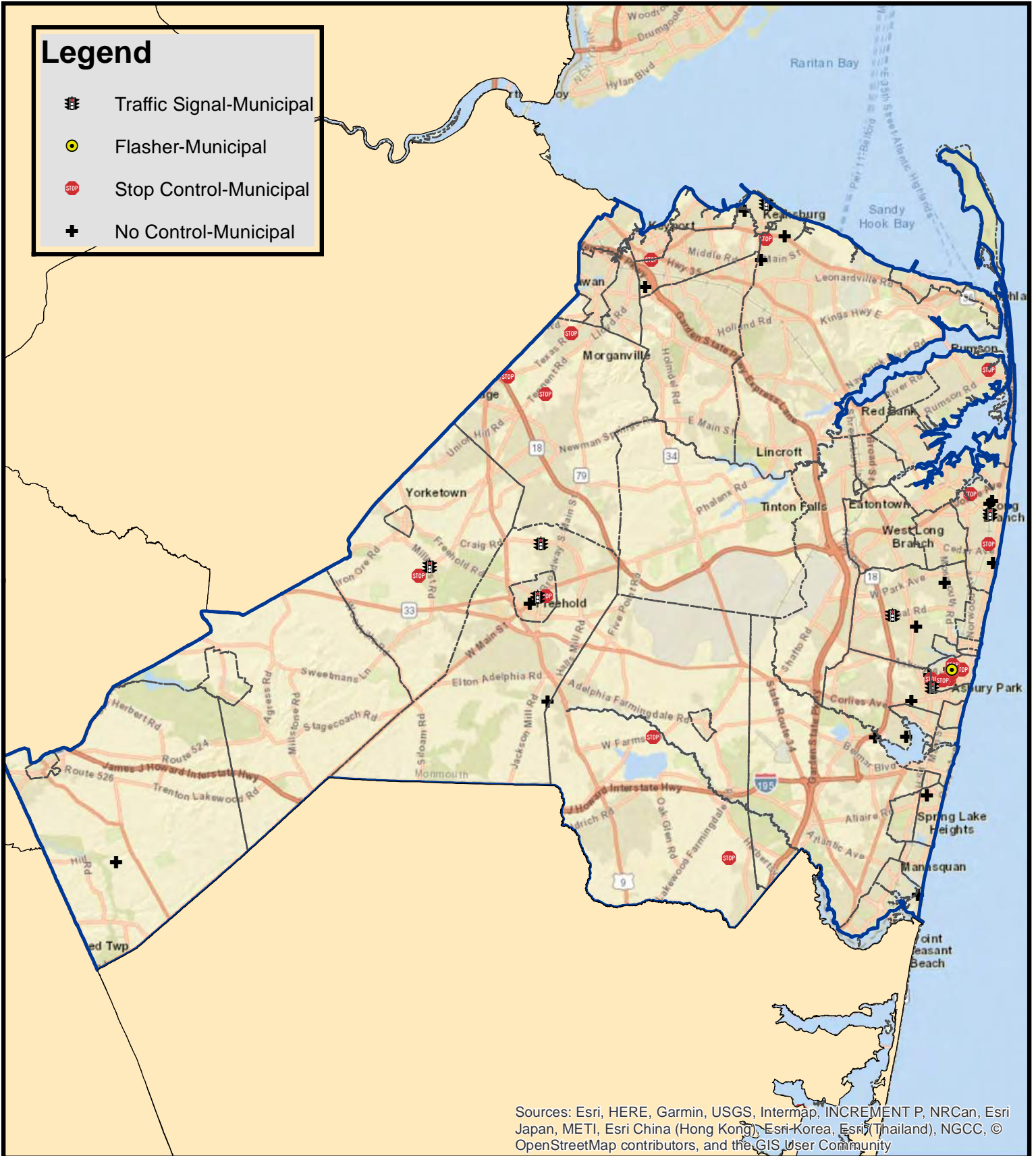
**MONMOUTH COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	MONMOUTH	WALL TWP	2015	3/25/2015	Traffic Signal	Right Angle	Fatal Injury	County	2		1	0	0	0	No		Minor Arterial	MONMOUTH COUNTY 181	West	18	13000381	3.15	Yes	SCHOLDS RD	40	30	East	West
2	MONMOUTH	FREEHOLD TWP	2015	5/27/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	0	0	No		Minor Arterial	ROUTE 537	South	537	00000337	50.26	Yes	STILLWELLS CORNER RD / WEMROCK RD	40	30	East	West
3	MONMOUTH	KEYPORT BORO	2015	6/19/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	ROUTE 516	West	516	00000316	6.77	Yes	BEERS ST	35	30	South	East
4	MONMOUTH	RED BANK BORO	2015	6/23/2015	Stop Control	Pedestrian	Fatal Injury	County	1	1	0	1	0	0	No		Minor Arterial	ROUTE 512	South	528	00000328	14.54	Yes	CR 11 / PINCKNEY RD	25	25	East	East
5	MONMOUTH	NEPTUNE TWP	2015	7/19/2015	Stop Control	Left Turn/Right Turn	Suspected Serious Injury	County	2		0	3	0	0	No		Major Collector	MONMOUTH COUNTY 40A	South	40	1300040A	0.92	Yes	5TH AVE	40	25	North	East
6	MONMOUTH	MIDDLETOWN TWP	2015	7/19/2015	Traffic Signal	Same Direction - Sidewipe	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	ROUTE 520	South	520	00000320	13.88	Yes	HURLERS LN	35	25	West	West
7	MONMOUTH	FREEHOLD TWP	2015	10/22/2015	Traffic Signal	Other	Suspected Serious Injury	County	2		0	2	0	0	No		Minor Arterial	ROUTE 537	South	537	00000337	50.06	Yes	REWOOD LN	40	25	South	West
8	MONMOUTH	RED BANK BORO	2015	11/20/2015	Stop Control	Opposite Direction (Head On)	Suspected Serious Injury	County	2		0	2	0	0	No		Major Collector	ROUTE 528	South	528	00000328	12.18	Yes	WILSON AVE	35	25	East	East
9	MONMOUTH	MILLSTONE TWP	2015	11/25/2015	Stop Control	Fatal Injury	Fatal Injury	County	2		1	2	0	0	No		Major Collector	MONMOUTH COUNTY 2	South	2	13000002	0.00	Yes	WILSON AVE	35	25	East	West
10	MONMOUTH	ASBURY PARK CITY	2015	11/19/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	No		Not a HPMS Reportable Trafficway	MEMORIAL DR	North				Yes	ASBURY AVE	30	25	South	West
11	MONMOUTH	KEYPORT BORO	2016	01/16/2016	No Control	Same Direction - Rear End	Suspected Serious Injury	County	4		0	1	0	0	No		Minor Arterial	ROUTE 520	East	520	00000320	21.70	Yes	WILSON AVE	40	25	North	South
12	MONMOUTH	UPPER FREEHOLD TWP	2016	1/18/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2		1	0	0	0	No		Major Collector	ROUTE 524	East	524	00000324	8.49	Yes	WILSON AVE	40	25	North	South
13	MONMOUTH	MIDDLETOWN TWP	2016	4/25/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	ROUTE 520	East	520	00000320	14.54	Yes	MANDR PARKWAY	40	25	North	West
14	MONMOUTH	UPPER FREEHOLD TWP	2016	6/17/2016	Stop Control	Right Angle	Fatal Injury	County	2		1	2	0	0	No		Major Collector	ROUTE 524	East	524	00000324	8.49	Yes	SHARON STATION RD	50	30	East	South
15	MONMOUTH	MANASSAS BORO	2016	11/17/2016	Traffic Signal	Right Angle	Suspected Serious Injury	County	1	1	0	0	0	0	Yes		Major Collector	MONMOUTH COUNTY 29	South	29	13000029	2.07	Yes	CLARK AVE	30	25	South	East
16	MONMOUTH	MANASSAS BORO	2016	1/28/2016	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2		0	1	0	0	Yes		Major Collector	MONMOUTH COUNTY 29	South	29	13000029	1.92	Yes	CHURCH ST / CREEK RD	30	25	East	North
17	MONMOUTH	RED BANK BORO	2016	11/7/2016	Stop Control	Pedestrian	Suspected Serious Injury	County	1		0	1	0	1	No		Minor Arterial	MONMOUTH COUNTY 11.1	North	11	13000011	0.00	Yes	ROUTE 520 / PINKNEY RD	35	25	East	East
18	MONMOUTH	HALLETT TWP	2017	01/30/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	No		Minor Arterial	ROUTE 516	North	516	00000316	6.65	Yes	FLORENCE AVE	35	25	North	South
19	MONMOUTH	UNION BEACH BORO	2017	04/02/2017	No Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Major Collector	MONMOUTH COUNTY 29	South	29	13000029	2.07	Yes	CLARK AVE	30	25	South	East
20	MONMOUTH	LONG BRANCH CITY	2017	08/20/2017	Traffic Signal	Right Angle	Fatal Injury	County	2		1	2	0	0	No		Major Collector	MONMOUTH COUNTY 29	South	29	13000029	1.92	Yes	CR 33 / FLORENCE AVE	25	25	East	South
21	MONMOUTH	LONG BRANCH CITY	2017	01/22/2017	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	0	0	1	0	Yes		Major Collector	MONMOUTH COUNTY 57	South	57	13000057	1.64	Yes	S BROADWAY	35	25	East	South
22	MONMOUTH	HOWELL TWP	2018	3/12/2018	Flasher/Warning	Right Angle	Suspected Serious Injury	County	2		0	4	0	0	No		Not a HPMS Reportable Trafficway	ROUTE 524 ALTERNATE	North	54	00000524	0.81	Yes	W FARM RD	45	40	East	West
23	MONMOUTH	OCEANPORT BORO	2018	5/10/2018	Traffic Signal	Right Angle	Fatal Injury	County	2		1	0	0	0	No		Not a HPMS Reportable Trafficway	MONMOUTH COUNTY 11 B	South	11	13000011	1.08	Yes	PORT AU PECK AVE	45	40	East	West
24	MONMOUTH	FREEHOLD TWP	2018	07/20/2018	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Principal Arterial - Other	ROUTE 537	South	537	00000337	53.93	Yes	CR 55 / KEOLOSKI RD	45	50	South	North
25	MONMOUTH	MANASSAS BORO	2018	10/4/2018	No Control	Pedestrian	Fatal Injury	County	1	1	0	1	0	0	No		Major Collector	MONMOUTH COUNTY 29	North	29	13000029	1.91	Yes	MAIN ST	30	25	East	South
26	MONMOUTH	ASBURY PARK CITY	2018	11/21/2018	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	0	1	0	0	Yes		Major Collector	MONMOUTH COUNTY 26	East	16	13000016	12.11	Yes	MEMORIAL DR	35	30	South	East
27	MONMOUTH	TINTON FALLS BORO	2018	11/6/2018	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	0	0	0	0	No		Principal Arterial - Other	ROUTE 520	East	520	00000320	16.21	Yes	CR 13 / SHELDON AVE	40	40	South	East
28	MONMOUTH	MANALAPAN TWP	2019	1/13/2019	Stop Control	Same Direction - Sidewipe	Fatal Injury	County	2		1	2	0	0	No		Minor Arterial	MONMOUTH COUNTY 3	South	3	13000003	2.82	Yes	KENNINGTON DR / WOODLAND CIR	40	25	East	East
29	MONMOUTH	ENGLISHTOWN BORO	2019	3/20/2019	Stop Control	Fixed Object	Suspected Serious Injury	County	1	0	0	0	0	0	Yes		Minor Arterial	ROUTE 527	North	527	00000527	29.61	Yes	PARK AVE	25	35	South	South
30	MONMOUTH	HALLETT TWP	2019	01/16/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	5	0	0	No		Minor Arterial	ROUTE 524	North	516	00000316	27.06	Yes	WILSON AVE	35	25	North	South
31	MONMOUTH	HALLETT TWP	2019	02/28/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	5	0	0	No		Major Collector	MONMOUTH COUNTY 6	North	6	13000006	0.19	Yes	WILSON AVE	35	25	West	South
32	MONMOUTH	UNION BEACH BORO	2019	4/25/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Major Collector	MONMOUTH COUNTY 6 H	East	6	13000006	0.30	Yes	CR 39 / FLORENCE AVE	35	35	East	East
33	MONMOUTH	ENGLISHTOWN BORO	2019	01/20/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	ROUTE 527	East	527	00000527	29.61	Yes	ROUTE 520 / BENNETT AVE	25	25	North	East
34	MONMOUTH	ABERDEEN TWP	2019	02/25/2019	No Control	Left Turn/Right Turn	Fatal Injury	County	2		1	1	0	0	No		Major Collector	MONMOUTH COUNTY 51	North	6	13000006	0.19	Yes	CR 53 / HOWARD AVE	40	40	West	East
35	MONMOUTH	TINTON FALLS BORO	2019	07/15/2019	Stop Control	Fatal Injury	Fatal Injury	County	2		1	2	0	0	No		Major Collector	MONMOUTH COUNTY 19 A	West	13	13000013	1.03	Yes	CR 53 / HOWARD AVE	40	40	West	East
36	MONMOUTH	UPPER FREEHOLD TWP	2019	1/20/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	No		Local	MONMOUTH COUNTY 27 B	West	27	13000027	1.23	Yes	CR 27 / MAIN ST	40	30	West	East
37	MONMOUTH	MANASSAS BORO	2019	01/20/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	No		Major Collector	MONMOUTH COUNTY 27 B	West	27	13000027	1.23	Yes	ROUTE 524 / STAGE COACH RD	40	40	South	South
38	MONMOUTH	FREEHOLD TWP	2019	10/24/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	No		Major Collector	MONMOUTH COUNTY 25	East	23	13000023	10.34	Yes	STONE HILL DR / BERGENVILLE RD	45	45	South	East
39	MONMOUTH	HOLMDEL TWP	2019	10/22/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	No		Minor Arterial	ROUTE 516	North	516	00000316	13.15	Yes	LAUREL AVE / MIDDLE AVE	40	35	West	East
40	MONMOUTH	MILLSTONE TWP	2019	11/4/2019	Stop Control	Opposite Direction (Sidewipe)	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	ROUTE 537	West	537	00000337	46.31	Yes	ROUTE 524 / STAGE COACH RD	50	50	South	West
41	MONMOUTH	NEPTUNE CITY BORO	2020	1/21/2020	Traffic Signal	Left Turn/Right Turn	Suspected Serious Injury	County	3		0	2	0	0	No		Minor Arterial	MONMOUTH COUNTY 27 B	East	17	13000017	0.56	Yes	CR 27 / EAST TWP AVE	35	30	West	East
42	MONMOUTH	TINTON FALLS BORO	2020	1/21/2020	Traffic Signal	Left Turn/Right Turn	Suspected Serious Injury	County	3		0	2	0	0	No		Major Collector	MONMOUTH COUNTY 51	East	51	13000051	4.00	Yes	CR 27 / EAST TWP AVE	40	25	East	North
43	MONMOUTH	OCEANPORT BORO	2020	2/15/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	Yes		Major Collector	MONMOUTH COUNTY 53	West	33	13000033	0.83	Yes	PORT AU PECK AVE	40	25	East	North
44	MONMOUTH	HOLMDEL TWP	2020	3/20/2020	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2		0	2	0	0	No		Minor Arterial	MONMOUTH COUNTY 4 H	South	4	13000042	2.38	Yes	ROUTE 520 / W MAIN ST	40	40	West	South
45	MONMOUTH	NEPTUNE TWP	2020	6/9/2020	Stop Control	Right Angle	Suspected Serious Injury	County	1		0	1	0	0	No		Minor Collector	MONMOUTH COUNTY 5	South	5	13000005	1.13	Yes	BECK AVE	25	25	West	East
46	MONMOUTH	MIDDLETOWN TWP	2020	6/19/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	No		Minor Arterial	ROUTE 516	West	516	00000316	16.93	Yes	EAST RD	40	40	West	South
47	MONMOUTH	MIDDLETOWN TWP	2020	7/19/2020	No Control	Fixed Object	Suspected Serious Injury	County	5		0	1	0	0	Yes		Minor Arterial	ROUTE 516	South	516	00000316	15.6						

Monmouth County Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)

Legend

-  Traffic Signal-Municipal
-  Flasher-Municipal
-  Stop Control-Municipal
-  No Control-Municipal



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri-Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

**MONMOUTH COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS**

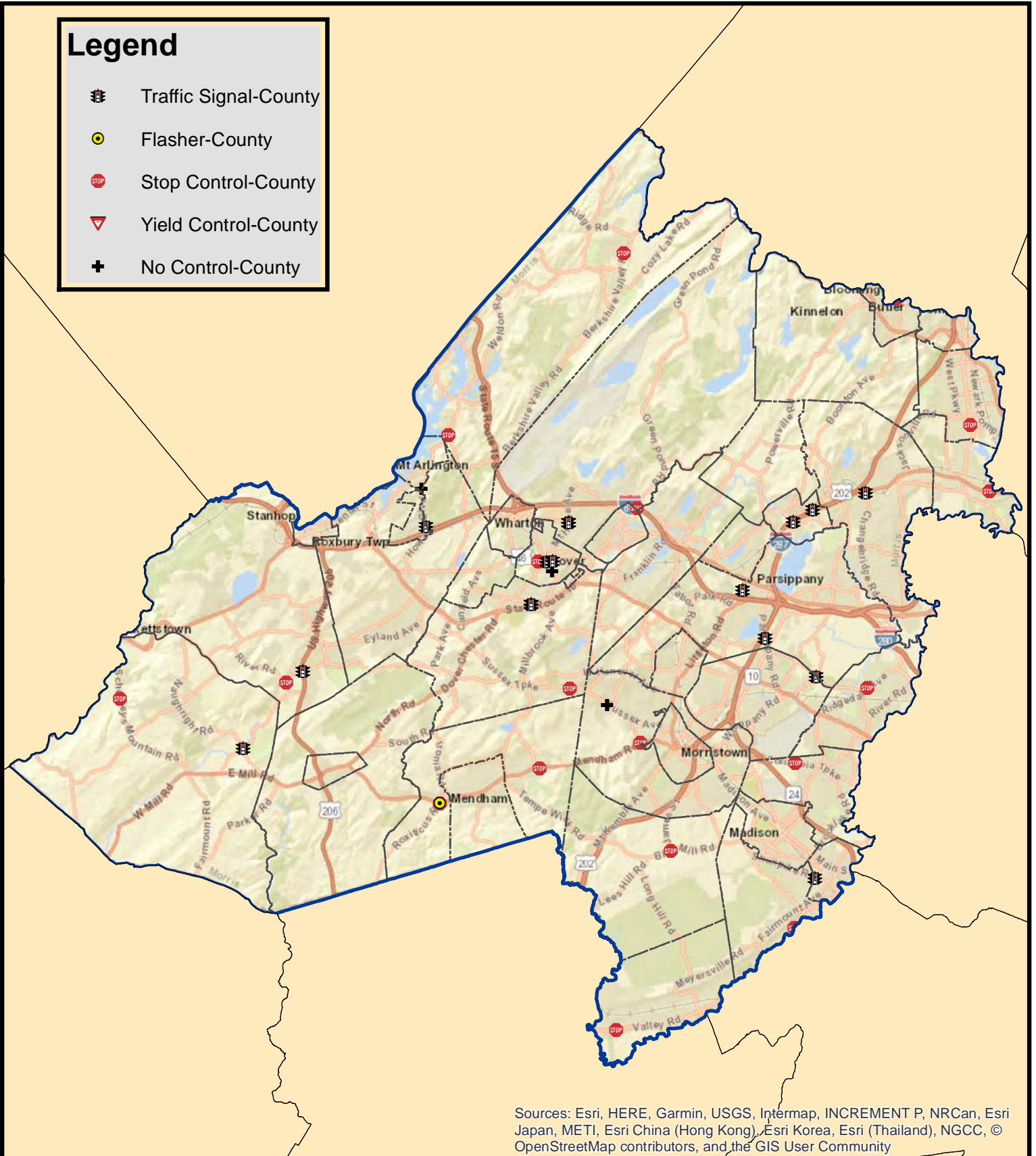
County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction			
1	MONMOUTH	ASBURY PARK CITY	2018	8/18/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	3			0	4	0	0	No		Local	FIFTH AVE **	North		13031004	0.66	Yes	MEMORIAL DR	30	25	West	North		
2	MONMOUTH	ASBURY PARK CITY	2018	12/21/2018	No Control	Pedestrian	Fatal Injury	Municipal	1	1		1	0	1	0	No	1	Local	LANGFORD ST **	South		13031010	0.63	Yes	3RD AVE	25	25	West	West		
3	MONMOUTH	ASBURY PARK CITY	2020	1/2/2020	Stop Control	Fixed Object	Suspected Serious Injury	Municipal	1			0	1	0	0	Yes		Local	SUMMERFIELD AVE **	East		13031055	0.00	Yes	RIDGE AVE	25	25	West	West		
4	MONMOUTH	ASBURY PARK CITY	2020	3/30/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No		Local	SPRINGWOOD AVE / W LAKE AVE **	East		13341045	0.83	Yes	RIDGE AVE	25	25	West	North		
5	MONMOUTH	ASBURY PARK CITY	2020	8/1/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Local	GRAND AVE **	North		13031048	0.54	Yes	FOURTH AVE	25	25	West	West		
6	MONMOUTH	ASBURY PARK CITY	2020	11/7/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	4			0	5	0	0	No		Major Collector	MONMOUTH COUNTY AD A	North	40	1300000A	0.00	Yes	MUNROE AVE	30	30	West	North		
7	MONMOUTH	ASBURY PARK CITY	2020	11/20/2020	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1		0	1	0	1	No		Major Collector	MEMORIAL DR	South		13031009	0.07	Yes	1ST AVE	35	25	West	North		
8	MONMOUTH	ASBURY PARK CITY	2021	6/28/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No		Local	COMSTOCK ST **	West		13031012	0.81	Yes	BANKS AVE	25	25	West	South		
9	MONMOUTH	ASBURY PARK CITY	2021	7/19/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No		Local	3RD AVE / THIRD AVE **	West		13341033	1.01	Yes	MEMORIAL DR	25	25	West	West		
10	MONMOUTH	ASBURY PARK CITY	2022	4/9/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No		Local	GRAND AVE **	South		13031048	0.54	Yes	FOURTH AVE	25	25	South	East		
11	MONMOUTH	ASBURY PARK CITY	2022	7/18/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No		Local	3RD AVE / THIRD AVE **	North		13341033	1.01	Yes	MEMORIAL DR	25	25	West	North		
12	MONMOUTH	BRIELLE BORO	2015	8/16/2015	No Control	Pedalcyclist	Suspected Serious Injury	Municipal	1		1	0	1	0	0	No		Not a HPMS Reportable Trafficway	OCEAN AVENUE					Yes	SECOND AVENUE	25	25	West	West		
13	MONMOUTH	FRESHOLD BORO	2020	3/27/2020	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1		1	0	1	0	No	1	Principal Arterial - Other	ROUTE 537			537	00000537	52.20	Yes	NI 79 / COURT ST / SOUTH ST	25	25	West	West	
14	MONMOUTH	FRESHOLD BORO	2022	2/1/2022	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1		0	1	0	1	No		Major Collector	CENTER ST	West			13161208	1.20	Yes	JACKSON ST	25	25	West	West	
15	MONMOUTH	FRESHOLD BORO	2022	9/13/2022	No Control	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	2			0	2	0	0	No		Principal Arterial - Other	ROUTE 537	West		537	00000537	51.85	Yes	CR 24 / MANALAPAN AVE	25	25	West	South	
16	MONMOUTH	FRESHOLD TWP	2020	9/23/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2			0	3	0	0	No		Minor Arterial	E FRESHOLD RD / WATERWORKS RD				13161067	2.32	Yes	ROBERTVILLE RD	35	35	West	West	
17	MONMOUTH	HAZLET TWP	2017	3/21/2017	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1		0	1	0	1	No		Not a HPMS Reportable Trafficway	KERRY DR **	West			13391032	0.24	Yes	BELFAST AVE	25	25	West	West	
18	MONMOUTH	HAZLET TWP	2017	10/16/2017	No Control	Same Direction - Rear End	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Major Collector	LAUREL AVE	West			13391283	0.67	Yes	15TH ST	35	25	North	North	
19	MONMOUTH	HOWELL TWP	2015	11/10/2015	No Control	Same Direction - Rear End	Suspected Serious Injury	Municipal	2			0	1	0	0	Yes		Not a HPMS Reportable Trafficway	STRECKLAND RD					Yes	SCENE DR	35	25	South	South		
20	MONMOUTH	HOWELL TWP	2017	8/16/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	4			0	2	0	0	No	1	Not a HPMS Reportable Trafficway	WEST FARMS RD	North				Yes	CASINO DR	45	40	North	South		
21	MONMOUTH	HOWELL TWP	2020	10/18/2020	Stop Control	Right Angle	Fatal Injury	Municipal	2			1	1	0	0	No		Local	BURGERVILLE RD / CASINO RD / STONEHILL RD				13191012	0.61	Yes	WEST FARMS RD	50	45	North	South	
22	MONMOUTH	HOWELL TWP	2022	1/28/2022	Stop Control	Fixed Object	Fatal Injury	Municipal	1			1	0	0	0	No		Local	CARRIE DR **					13191608	0.36	Yes	MATE LN	25	25	West	West
23	MONMOUTH	KEANSBURG BORO	2018	2/8/2018	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Not a HPMS Reportable Trafficway	CENTER AVE					Yes	MAIN ST	25	25	East	West		
24	MONMOUTH	KEANSBURG BORO	2021	7/29/2021	No Control	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	3			0	1	0	0	Yes		Local	SEABREEZE AVE / SHORE BLVD **	East			13211113	0.11	Yes	NEPTUNE PL	25	25	South	West	
25	MONMOUTH	KEYPORT BORO	2020	10/8/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Local	BEERS ST / N BEERS ST **	South				13221060	0.10	Yes	CLARK ST	25	25	North	South
26	MONMOUTH	LONG BRANCH CITY	2017	10/2/2017	Stop Control	Pedalcyclist	Fatal Injury	Municipal	1		1	1	0	0	0	No		Not a HPMS Reportable Trafficway	WEST END AVE	West				Yes	SAIRS AVE	25	25	West	West		
27	MONMOUTH	LONG BRANCH CITY	2019	11/29/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	2	1		0	1	0	1	No		Local	THIRD AVE					13251126	0.05	Yes	CHELSEA AVE	25	25	East	North
28	MONMOUTH	LONG BRANCH CITY	2020	1/2/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Local	COLLMAN AVE **					13251207	0.17	Yes	PACIFIC ST	25	25	West	North
29	MONMOUTH	LONG BRANCH CITY	2020	6/1/2020	No Control	Same Direction - SideSwipe	Suspected Serious Injury	Municipal	2			0	3	0	0	No		Minor Arterial	BROADWAY	West				13251351	1.15	Yes	THIRD AVE	25	25	West	North
30	MONMOUTH	LONG BRANCH CITY	2020	8/23/2020	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1		0	1	0	1	No		Minor Arterial	BATH AVE / OCEAN AVE / SEA VIEW AVE	North				13011310	2.81	Yes	5 LAKE AVE	40	25	West	North
31	MONMOUTH	LONG BRANCH CITY	2022	2/28/2022	No Control	Pedestrian	Suspected Serious Injury	Municipal	1			0	1	0	1	No	1	Local	LIBERTY ST / MEMORIAL PKWY **	North				13251223	0.32	Yes	LUNDIN AVE	25	25	North	West
32	MONMOUTH	MANALAPAN TWP	2020	2/29/2020	Traffic Signal	Fixed Object	Suspected Serious Injury	Municipal	1			0	1	0	0	No		Minor Arterial	WOODWARD RD	East				13261001	0.00	Yes	ROUTE 527 / MILLHURST RD	35	45	South	North
33	MONMOUTH	MANALAPAN TWP	2022	10/7/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No		Not a HPMS Reportable Trafficway	WOODWARD RD	East				Yes	VILLAGE DR	35	25	South	North		
34	MONMOUTH	MARLBORO TWP	2019	5/29/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	3	0	0	No		Local	GREENWOOD RD **	West				13281059	0.55	Yes	TEXAS RD	35	40	North	West
35	MONMOUTH	MARLBORO TWP	2019	12/20/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	3	0	0	No		Not a HPMS Reportable Trafficway	TEXAS RD	West				Yes	VASSAR WAY	45	15	South	East		
36	MONMOUTH	MARLBORO TWP	2021	7/6/2021	Stop Control	Fixed Object	Suspected Serious Injury	Municipal	1			0	1	0	0	No		Not a HPMS Reportable Trafficway	CRINE RD **					Yes	VILLAGE DRIVE	35	35	West	West		
37	MONMOUTH	MIDDLETOWN TWP	2015	6/5/2015	No Control	Pedalcyclist	Suspected Serious Injury	Municipal	1		1	0	1	0	0	No		Not a HPMS Reportable Trafficway	THOMPSON AVE					Yes	KENTUCKY AVE	35	25	South	South		
38	MONMOUTH	MIDDLETOWN TWP	2017	6/27/2017	No Control	Pedestrian	Fatal Injury	Municipal	1	1		1	0	1	0	No		Not a HPMS Reportable Trafficway	MAIN ST / MIDDLE RD	West				13182107	0.65	Yes	HUNTERS POINTE	35	25	West	West
39	MONMOUTH	MIDDLETOWN TWP	2021	8/29/2021	Stop Control	Right Angle	Fatal Injury	Municipal	2			1	2	0	0	No		Local	CENTER ST **	West				13311444	0.00	Yes	THOMPSON AVE	25	25	West	West
40	MONMOUTH	NEPLUNE TWP	2017	6/12/2017	No Control	Fixed Object	Suspected Serious Injury	Municipal	1			0	1	0	0	Yes		Not a HPMS Reportable Trafficway	MYRTLE AVENUE	North				Yes	MORRIS AVENUE	25	25	North	North		
41	MONMOUTH	NEPLUNE TWP	2021	7/15/2021	No Control	Pedestrian	Fatal Injury	Municipal	1	1		1	0	1	0	No		Local	HIGHLAND AVE **	East				13341063	0.12	Yes	VALLEY RD	25	25	West	North
42	MONMOUTH	NEPLUNE TWP	2022	1/27/2022	No Control	Backing	Fatal Injury	Municipal	2			1	0	0	0	No		Local	DAVIS AVE **	East				13341085	0.07	Yes	WASHINGTON AVE	25	25	South	West
43	MONMOUTH	OCEAN TWP	2015	3/21/2015	No Control	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No		Not a HPMS Reportable Trafficway	WEST LINCOLN AVENUE	East				Yes	TEABURY LAKE	35	25	South	North		
44	MONMOUTH	OCEAN TWP	2020	12/10/2020	No Control	Fixed Object	Fatal Injury	Municipal	1			1	0	0	0	No		Local	FRANKLIN AVE **	West				13371051	0.20	Yes	MORRIS AVE	25	25	West	West
45	MONMOUTH	OCEAN TWP	2022	2/28/2022	Traffic Signal	Pedalcyclist	Fatal Injury	Municipal	1		1	0	0	0	0	No		Minor Arterial	DEAL RD	East				13371368	1.98	Yes	POPLAR RD / ROLLER RD	45	25	East	East
46	MONMOUTH	RUNSON BORO	2019	3/18/2019	Stop Control	Right Angle	Fatal Injury	Municipal	2			2	0	0	0	No		Local	NAVASSIN AVE **	West				13421014	0.41	Yes	HARTSHORNE LN	30	25	East	West
47	MONMOUTH	SPRING LAKE BORO	2020	7/14/2020	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1		0	1	0	1	No		Minor Arterial	1ST AVE / 3RD AVE / J LAKE / MAIN ST					13481009							

Morris County

Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)

Legend

-  Traffic Signal-County
-  Flasher-County
-  Stop Control-County
-  Yield Control-County
-  No Control-County



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community





MORRIS COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS

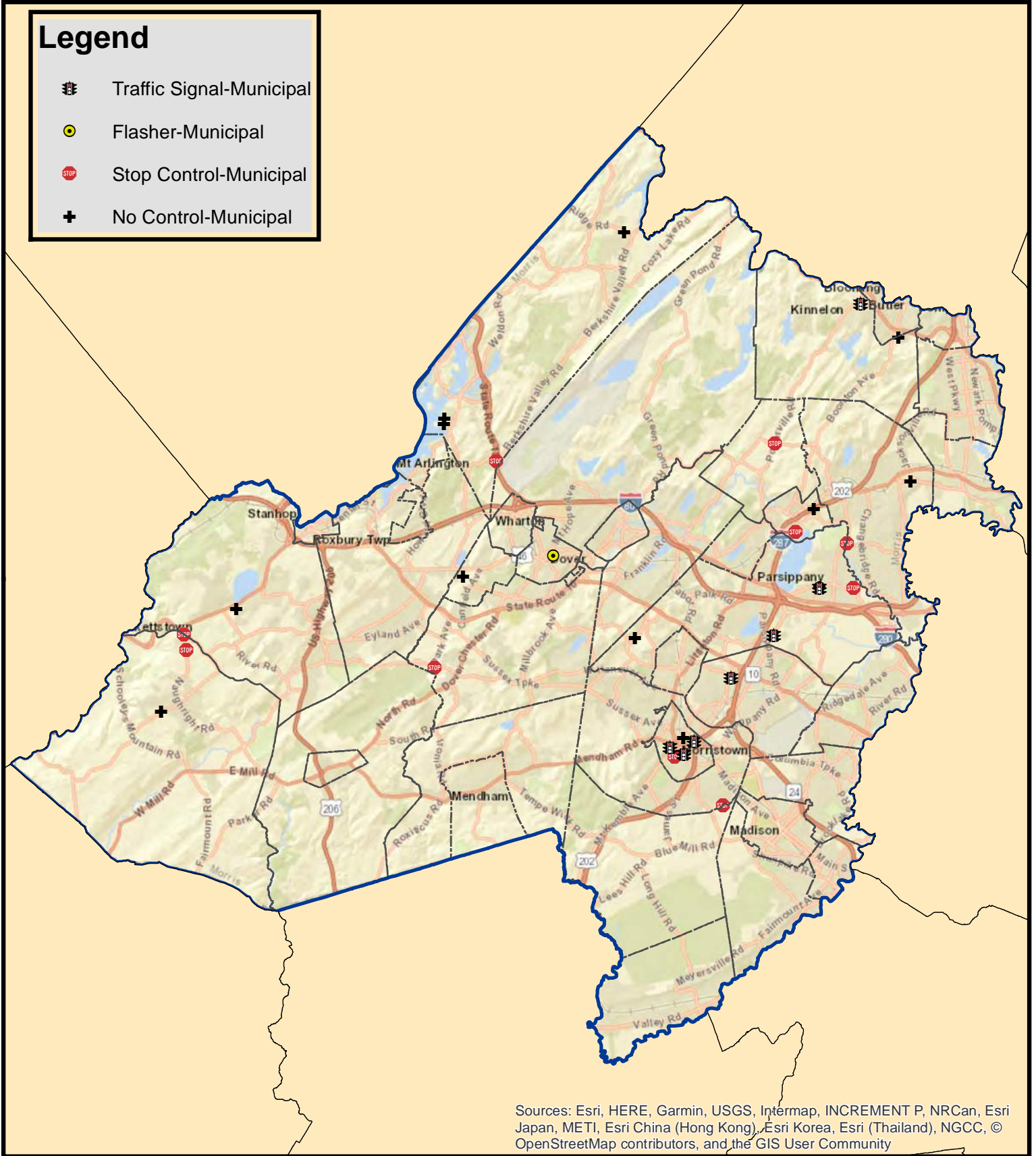
County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction		
1	MORRIS	HANOVER TWP	2015	1/22/2015	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No		Minor Arterial	RIDGELAKE AVE			14121333	0.51	Yes	MALAPARDIS RD	28	25	East	North	
2	MORRIS	DOVER TWP	2015	2/27/2015	Flasher/Warning	Pedestrian	Fatal Injury	Municipal	1	1	0	0	0	0	0	No		Not a HPMS Reportable Trafficway	NORTH BERGEN STREET				Yes	RICHARDS AVENUE	35	25	East	West		
3	MORRIS	MORRIS TWP	2015	6/11/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	No		Not a HPMS Reportable Trafficway	WOODLAND AVE				Yes	KITCHELL RD	35	25	East	West		
4	MORRIS	WASHINGTON TWP	2015	7/15/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	No		Local	NAUGHSRIGHT RD			14381034	4.86	Yes	PLEASANT HILL RD	40	35	East	South	
5	MORRIS	BANDOLPH TWP	2015	8/22/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No		Not a HPMS Reportable Trafficway	PARK AVE				Yes	PLEASANT HILL RD	35	35	South	North		
6	MORRIS	ROCKAWAY TWP	2015	10/23/2015	Stop Control	Pedalcyclist	Fatal Injury	County	1	1	1	0	0	0	0	No	1	Minor Arterial	ROUTE 513	South	513	00000113	45.34	Yes	I RD	45	45	South	North	
7	MORRIS	PARSIPPANY TROY HILLS	2015	11/8/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No		Minor Arterial	STILES LN			14211644	0.72	Yes	EDWARDS RD	40	25	South	North	
8	MORRIS	PARSIPPANY TROY HILLS	2015	12/27/2015	No Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	No		Minor Arterial	MOUNTAIN WAY			14291377	0.99	Yes	OLD DOVER RD	35	40	South	East	
9	MORRIS	MENDHAM TWP	2015	12/22/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No		Minor Arterial	ROUTE 510	East	510	00000110	7.01	Yes	COREY LN	45	40	South	North	
10	MORRIS	PASSAIC TWP	2016	1/8/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No		Minor Arterial	ROUTE 512	East	512	00000512	21.93	Yes	NOTHFIELD RD	40	35	East	South	
11	MORRIS	ROCKAWAY TWP	2016	4/12/2016	Traffic Signal	Other	Fatal Injury	County	2		1	0	0	0	0	Yes		Minor Arterial	MORRIS COUNTY 661			661	14000661	1.24	Yes	MT PLEASANT AVE	30	25	East	North
12	MORRIS	ROCKAWAY TWP	2016	7/4/2016	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2		0	1	0	0	0	Yes		Minor Arterial	MORRIS COUNTY 661			661	14000661	1.24	Yes	MT PLEASANT AVE	35	35	West	South
13	MORRIS	WASHINGTON TWP	2016	7/27/2016	Stop Control	Other	Suspected Serious Injury	County	1		0	1	0	0	0	No		Major Collector	ROUTE 517	South	517	00000517	13.39	Yes	NEWBURGH RD	45	40	East	West	
14	MORRIS	BOONTON TOWN	2016	11/9/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	1	No		Minor Arterial	US 202	South	202	00000202	14.98	Yes	VRELLAND AVE	35	30	East	West	
15	MORRIS	DOVER TWP	2017	4/18/2017	No Control	Pedestrian	Fatal Injury	County	1	1	1	1	1	1	1	Yes		Minor Arterial	MORRIS COUNTY 659	West	659	14000659	0.30	Yes	RANDOLPH AVE	25	25	West	South	
16	MORRIS	MONTEVILLE TWP	2017	5/19/2017	Stop Control	Left Turn/U Turn	Fatal Injury	Municipal	2		1	2	0	0	0	No		Minor Arterial	RIVER RD	South		14211220	0.58	Yes	KNOLL RD	40	25	North	East	
17	MORRIS	PARSIPPANY TROY HILLS	2017	10/20/2017	Traffic Signal	Struck Parked Vehicle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No		Not a HPMS Reportable Trafficway	BALDWIN RD	North				Yes	VAIL RD	25	25	West	East	
18	MORRIS	MOUNT OLIVE TWP	2017	11/28/2017	Stop Control	Right Angle	Fatal Injury	County	2		1	2	0	0	0	No		Major Collector	MORRIS COUNTY 612	South	612	00000612	0.34	Yes	RIVER RD / TNC RD	40	35	East	South	
19	MORRIS	MENDHAM TWP	2017	12/13/2017	Flasher/Warning	Right Angle	Fatal Injury	County	2		1	0	0	0	0	No		Minor Arterial	ROUTE 510	West	510	00000510	3.48	Yes	ROKITICUS RD	40	30	West	East	
20	MORRIS	DOVER TOWN	2018	4/8/2018	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	1	No		Not a HPMS Reportable Trafficway	ROUTE 513	East	513	00000513	41.45	Yes	N BERGEN ST / S BERGEN ST	25	25	South	North	
21	MORRIS	PARSIPPANY TROY HILLS	2018	7/2/2018	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	No		Not a HPMS Reportable Trafficway	F WALSHY RD	East				Yes	JEFFERSON RD	35	35	West	North	
22	MORRIS	WASHINGTON TWP	2018	6/27/2018	No Control	Overturned	Suspected Serious Injury	Municipal	1		0	0	0	0	0	No		Not a HPMS Reportable Trafficway	FLORESTOWN LN			14361064	2.37	Yes	NESTING WOODWAY	35	25	West	South	
23	MORRIS	DOVER TOWN	2018	7/15/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	No		Minor Arterial	MORRIS COUNTY 659	East	659	14000659	0.30	Yes	RANDOLPH AVE	25	25	North	South	
24	MORRIS	BOONTON TOWN	2018	10/6/2018	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	1	No		Minor Arterial	US 202	North	202	00000202	54.24	Yes	ROUTE 511 / MAIN ST / MORRIS AVE	25	25	North	South	
25	MORRIS	LINCOLN PARK BORO	2018	10/28/2018	Stop Control	Overturned	Suspected Serious Injury	County	1		0	1	0	0	0	No		Minor Arterial	US 202	South	202	00000202	61.51	Yes	OLD HEN TER	45	25	East	West	
26	MORRIS	MORRISTOWN TOWN	2019	1/4/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	No		Minor Arterial	MACCULLOCH AVE	East		14241154	0.24	Yes	MILLER RD	25	25	South	North	
27	MORRIS	MOUNT OLIVE TWP	2019	4/30/2019	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2		0	2	0	0	0	No		Major Collector	MORRIS COUNTY 613	US 206	613	14000613	0.00	Yes	US 206	30	50	West	South	
28	MORRIS	MORRISTOWN TOWN	2019	5/20/2019	No Control	Pedalcyclist	Fatal Injury	Municipal	1		1	0	0	0	0	No		Not a HPMS Reportable Trafficway	GEORGE ST	East				Yes	LINCOLN STREET	25	25	South	North	
29	MORRIS	MORRISTOWN TOWN	2019	6/27/2019	Traffic Signal	Fatal Injury	Municipal	1	1		1	0	0	1	0	No		Minor Arterial	ANN ST	East		14241136	0.00	Yes	SCHUBERT ST	35	25	South	North	
30	MORRIS	MORRISTOWN TOWN	2019	7/29/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	2		0	1	0	1	No		Principal Arterial - Other	ELM ST	South		14241165	0.23	Yes	FRANKLIN ST	25	25	East	West	
31	MORRIS	KINNELON BORO	2019	7/30/2019	No Control	Fixed Object	Suspected Serious Injury	Municipal	1		0	1	0	0	0	No		Local	SIEX RD **	South		14151078	0.12	Yes	ALPINE DR	35	35	East	West	
32	MORRIS	JEFFERSON TWP	2019	8/3/2019	No Control	Fixed Object	Suspected Serious Injury	Municipal	1		0	1	0	0	0	Yes		Not a HPMS Reportable Trafficway	MILANS POINT RD	East				Yes	CASTLE ROCK ROAD	25	25	South	North	
33	MORRIS	MINE HILL TWP	2019	8/4/2019	No Control	Struck Parked Vehicle	Suspected Serious Injury	Municipal	2		0	3	0	0	0	No		Local	DICKERSON MINE RD / FRANK ST / GREEN RD **	North		14201002	0.25	Yes	GEORGE ST	35	35	North	West	
34	MORRIS	BOONTON TOWN	2019	8/30/2019	Stop Control	Right Angle	Fatal Injury	Municipal	2		1	1	0	0	0	No		Local	OLD BOONTON RD **	West		14011057	0.37	Yes	DIXON AVE	25	25	West	North	
35	MORRIS	PARSIPPANY TROY HILLS	2019	10/9/2019	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	3		0	2	0	0	0	No		Minor Arterial	ROUTE 511	North	511	00000511	5.02	Yes	E HALSEY RD	40	25	North	South	
36	MORRIS	JEFFERSON TWP	2019	11/9/2019	No Control	Fixed Object	Suspected Serious Injury	Municipal	1		0	1	0	0	0	No		Local	CASTLE ROCK RD **	West		14341009	0.18	Yes	DUBUN HILL RD	35	25	East	West	
37	MORRIS	DOVER TOWN	2020	1/19/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	2		0	2	0	2	No		Minor Arterial	ROUTE 513	East	513	00000513	43.24	Yes	N WARREN ST / S WARREN ST	35	25	South	North	
38	MORRIS	MORRIS TWP	2020	5/30/2020	No Control	Pedalcyclist	Fatal Injury	County	1	1	1	0	0	0	0	No	1	Minor Arterial	MORRIS COUNTY 617	West	617	14000617	7.45	Yes	CRANE RD	45	25	West	East	
39	MORRIS	BOONTON TOWN	2020	6/24/2020	No Control	Left Turn/U Turn	Suspected Serious Injury	Municipal	3		0	2	0	0	0	No		Major Collector	VRELLAND RD	East		14011218	0.06	Yes	TOWNER RD	35	25	South	North	
40	MORRIS	MOUNT OLIVE TWP	2020	6/29/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	3	0	0	0	No		Major Collector	NAUGHSRIGHT RD	South		14361036	5.39	Yes	DRARESTOWN RD	40	25	West	East	
41	MORRIS	FLORHAM PARK BORO	2020	7/27/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	4	0	0	0	No		Principal Arterial - Other	ROUTE 510	South	510	00000510	15.71	Yes	ELM ST	50	25	West	East	
42	MORRIS	WASHINGTON TWP	2020	7/30/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	3		0	3	0	0	0	No		Major Collector	MORRIS COUNTY 625	625	14000625	1.20	Yes	COLEMAN RD / NAUGHSRIGHT RD	40	35	East	West		
43	MORRIS	POPLARNOCK TWP	2020	8/10/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	0	No		Minor Arterial	ROUTE 111 ALTAWAY	North	511	00000116	4.38	Yes	ACKERSON AVE / FRANKLIN AVE	40	30	East	West	
44	MORRIS	JEFFERSON TWP	2020	8/19/2020	No Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	No		Major Collector	RIDGE RD	West		14141233	0.31	Yes	WHITETOCK BLVD	35	30	East	West	
45	MORRIS	KINNELON BORO	2020	11/1/2020	Traffic Signal	Fixed Object	Suspected Serious Injury	Municipal	1		0	2	0	0	0	No		Local	MAPLE LAKE RD **	South		14031014	0.72	Yes	CR 618 / KINNELON AVE	25	40	West	South	
46	MORRIS	MOUNT ARLINGTON BORO	2020	11/11/2020	No Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No		Minor Arterial	MORRIS COUNTY 615	South	615	14000615	1.11	Yes	KADLE DR	35	25	South	North	
47	MORRIS	RANDOLPH TWP	2020	11/26/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	2	0	0																

Morris County

Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)

Legend

-  Traffic Signal-Municipal
-  Flasher-Municipal
-  Stop Control-Municipal
-  No Control-Municipal



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

MORRIS COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	
1	MORRIS	BOONTON TOWN	2019	8/30/2019	Stop Control	Right Angle	Fatal Injury	Municipal	2			1	1	0	0	No	Local	OLD BOONTON RD **				14011057	0.37	Yes	DIXON AVE	25	25	West	North
2	MORRIS	BOONTON TOWN	2020	6/24/2020	No Control	Left Turn/U Turn	Suspected Serious Injury	Municipal	3			0	2	0	0	No	Major Collector	VRELAND RD	East			14011218	0.06	Yes	TOWER RD	35	25	West	North
3	MORRIS	BOONTON TWP	2022	4/9/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	3	0	0	No	Minor Arterial	DIAMOND SPRINGS RD / ROCKAWAY VALLEY RD				14081243	3.75	Yes	CR 618 / POWERSVILLE RD	35	35	West	North
4	MORRIS	DOVER TOWN	2015	2/27/2015	Flasher/Warning	Pedestrian	Fatal Injury	Municipal	1	1		1	0	1	0	No	Not a HPMS Reportable Trafficway	NORTH BERGEN STREET	South					Yes	RICHARDS AVENUE	28	25	East	
5	MORRIS	HANOVER TWP	2015	1/22/2015	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	Municipal	2			0	1	0	0	No	Minor Arterial	RIDGEDALE AVE				14121333	0.51	Yes	MALAPARADIS RD			East	North
6	MORRIS	JEFFERSON TWP	2019	8/3/2019	No Control	Fixed Object	Suspected Serious Injury	Municipal	1			0	1	0	0	Yes	Not a HPMS Reportable Trafficway	NOLANS POINT RD	East				Yes	CASTLE ROCK ROAD	25	25	South		
7	MORRIS	JEFFERSON TWP	2019	12/9/2019	No Control	Fixed Object	Suspected Serious Injury	Municipal	1			0	1	0	0	No	Local	CASTLE ROCK RD **				14141009	0.18	Yes	DUNLIN HILL RD	25	25	East	
8	MORRIS	JEFFERSON TWP	2020	8/19/2020	No Control	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No	Major Collector	ROSE RD				14141213	0.11	Yes	HWY/ROCK BLVD	35		West	
9	MORRIS	JEFFERSON TWP	2021	3/19/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	3			0	3	0	0	No	Major Collector	BERKSHIRE VALLEY RD	West			14361250	3.09	Yes		35		East	West
10	MORRIS	KINNELON BORO	2019	7/30/2019	No Control	Fixed Object	Suspected Serious Injury	Municipal	1			0	1	0	0	No	Local	SHK RD **	South			14151078	0.12	Yes	ALPINE DR			East	
11	MORRIS	KINNELON BORO	2020	11/5/2020	Traffic Signal	Fixed Object	Suspected Serious Injury	Municipal	1			0	1	0	0	No	Local	MAPLE LAKE RD **	South			14031014	0.72	Yes	CR 618 / KINNELON AVE	25	40	West	
12	MORRIS	MINE HILL TWP	2019	8/4/2019	No Control	Struck Parked Vehicle	Suspected Serious Injury	Municipal	2			0	3	0	0	No	Local	DICKERSON MINE RD / FRANK ST / GREEN RD **	North			14201002	0.25	Yes	GEORGE ST			North	West
13	MORRIS	MONTVILLE TWP	2017	5/19/2017	Stop Control	Left Turn/U Turn	Fatal Injury	Municipal	2			1	2	0	0	No	Minor Arterial	RIVER RD	South			14211220	0.58	Yes	KNOLL RD	40	25	North	East
14	MORRIS	MONTVILLE TWP	2021	11/19/2021	No Control	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	2			0	1	0	0	No	Local	TWO BRIDGES RD **	West			14211061	0.51	Yes	BERLIN LN	25	25	South	West
15	MORRIS	MORRISTOWN TOWN	2015	6/11/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No	Not a HPMS Reportable Trafficway	WOODLAND AVE					Yes	KITCHELL RD	35	25	East	West	
16	MORRIS	MORRISTOWN TOWN	2019	3/4/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No	Minor Arterial	MACCULLOCH AVE	East			14241154	0.24	Yes	MILLER RD	25	25	South	North
17	MORRIS	MORRISTOWN TOWN	2019	5/20/2019	No Control	Pedalcyclist	Suspected Serious Injury	Municipal	1	1		0	1	0	0	No	Not a HPMS Reportable Trafficway	GEORGE ST	East				Yes	LINCOLN STREET	25		South		
18	MORRIS	MORRISTOWN TOWN	2019	4/7/2019	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1		1	0	1	0	No	Minor Arterial	ANK ST	East			14241136	0.00	Yes	SEAWYER ST	25	25	South	
19	MORRIS	MORRISTOWN TOWN	2019	7/29/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	2		0	1	0	1	No	Principal Arterial - Other	ELM ST	South			14241165	0.23	Yes	FRANKLIN ST	25		East	
20	MORRIS	MORRISTOWN TOWN	2022	3/2/2022	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	2			0	4	0	0	No	Minor Arterial	ABBETT AVE	South			14241161	0.00	Yes	RIDGEDALE AVE	25	25	East	North
21	MORRIS	MOUNT OLIVE TWP	2020	8/29/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No	Major Collector	NAUGHRIGHT RD	South			14381034	5.39	Yes	DRAKESTOWN RD	40	25	West	
22	MORRIS	MOUNT OLIVE TWP	2020	12/21/2020	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	2	2	0	1	0	0	No	Local	LARBOR PL / WILKINSON AVE **				14271368	0.00	Yes	HUNTER DR	25	25	West	
23	MORRIS	PASSIPPANY TROY HILLS	2015	11/8/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No	Minor Arterial	STILES LN				14211564	0.72	Yes	EDWARDS RD	40	25	South	North
24	MORRIS	PASSIPPANY TROY HILLS	2015	12/7/2015	No Control	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No	Minor Arterial	MOUNTAIN WAY	East			14291577	0.99	Yes	OLD DOVER RD	35	40	South	East
25	MORRIS	PASSIPPANY TROY HILLS	2017	10/20/2017	Traffic Signal	Struck Parked Vehicle	Suspected Serious Injury	Municipal	2			0	1	0	0	No	Not a HPMS Reportable Trafficway	BALDWIN RD	North				Yes	VIAL RD	25	25	North		
26	MORRIS	PASSIPPANY TROY HILLS	2018	7/2/2018	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No	Not a HPMS Reportable Trafficway	E HALSEY RD	East				Yes	JEFFERSON RD	35	35	North		
27	MORRIS	RANDOLPH TWP	2015	8/22/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No	Not a HPMS Reportable Trafficway	PARK AVE					Yes	PLEASANT HILL RD	35	35	South	North	
28	MORRIS	WASHINGTON TWP	2015	7/15/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No	Local	NAUGHRIGHT RD				14381034	4.86	Yes	MISSION RD	40	35	East	South
29	MORRIS	WASHINGTON TWP	2018	7/19/2018	No Control	Overturned	Suspected Serious Injury	Municipal	1			0	1	0	0	No	Not a HPMS Reportable Trafficway	FLOCKTOWN LN				14381064	2.37	Yes	NESTLING WOOD DRIVE	35	25	West	

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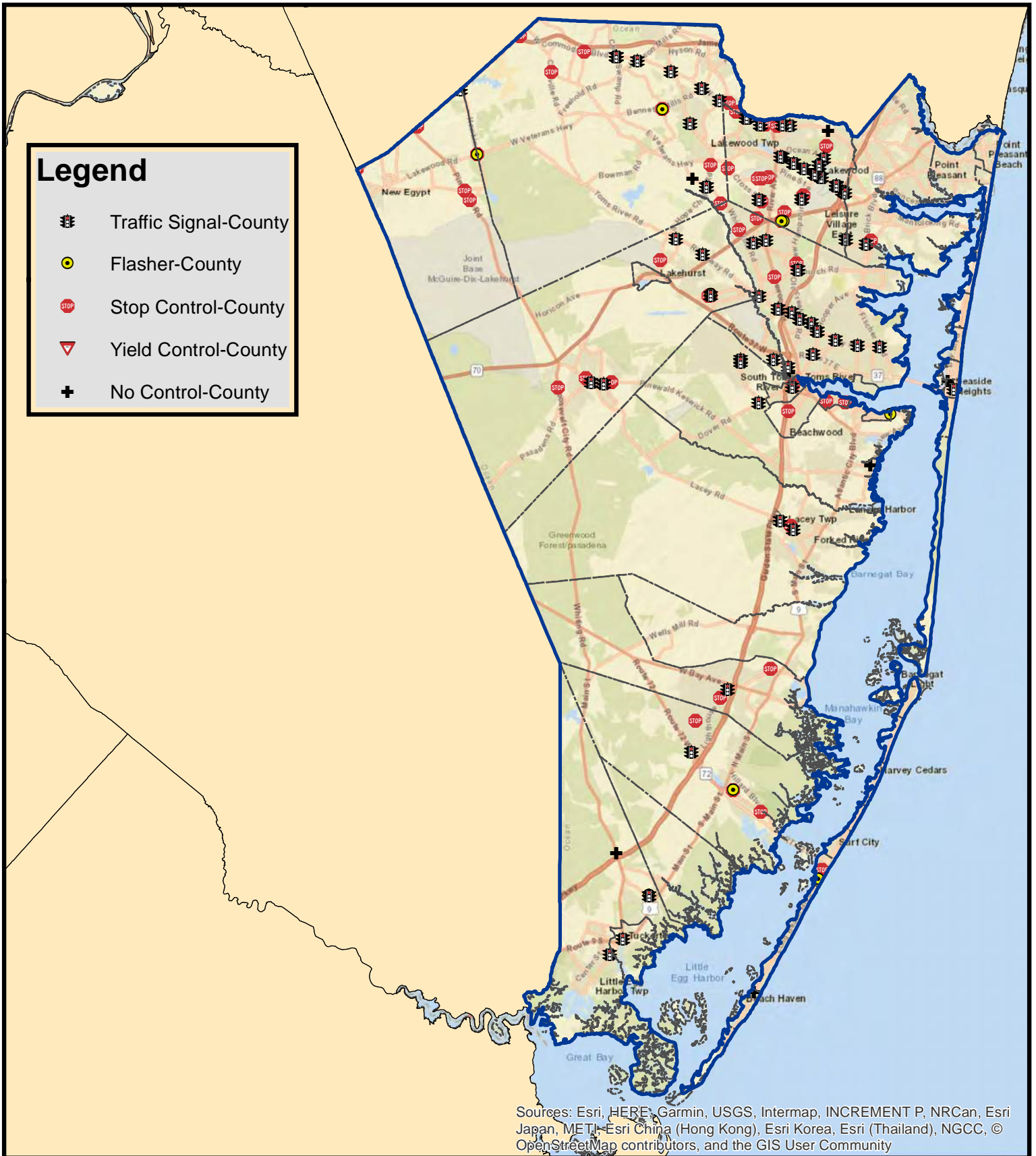
ATTACHMENT A – NJTPA

Ocean, Passaic, Somerset, Sussex, Union, Warren

Fatal and Suspected Serious Maps and Tables

Ocean County

Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

OCEAN COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Direction	Vehicle 2 Direction	
1	OCEAN	TOMS RIVER TWP	2015	3/10/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2			0	2	0	0	0	No	Local	OCEAN COUNTY 32	West	32	15000032	1.07	Yes	CR 623 / NEW HAMPSHIRE AVE	45	25	West	East
2	OCEAN	TOMS RIVER TWP	2015	3/17/2015	Traffic Signal	Left Turn/Right Turn	Suspected Serious Injury	County	3			0	2	0	0	0	No	Minor Arterial	ROUTE 571	West	571	00000571	4.27	Yes	NI 18 / N BAY AVE	45	40	West	South
3	OCEAN	TOMS RIVER TWP	2015	3/20/2015	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2			0	4	0	0	0	No	Minor Arterial	ROUTE 571	West	571	00000571	4.23	Yes	ROUTE 549 / HOOPER AVE	40	45	South	West
4	OCEAN	JACKSON TWP	2015	3/24/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2			0	2	0	0	0	No	Major Collector	OCEAN COUNTY 626	West	626	15000026	15.00	Yes	CR 646 / HAWKIN RD	50	50	West	South
5	OCEAN	JACKSON TWP	2015	2/25/2015	Stop Control	Right Angle	Fatal Injury	County	2			1	1	0	0	0	No	Major Collector	ROUTE 528	West	528	00000528	16.06	Yes	CR 646 / HAWKIN RD	50	50	West	South
6	OCEAN	LAKEWOOD TWP	2015	5/18/2015	Stop Control	Right Angle	Suspected Serious Injury	County	3			0	1	0	0	0	No	Major Collector	OCEAN COUNTY 626	West	626	15000026	11.20	Yes	WILLIAM ST	25	25	East	South
7	OCEAN	LAKEWOOD TWP	2015	4/22/2015	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2			0	4	0	0	0	No	Minor Arterial	ROUTE 526	West	526	00000526	30.60	Yes	CR 639 / HOPE CHAPEL RD	45	40	West	South
8	OCEAN	LAKEWOOD TWP	2015	5/29/2015	Traffic Signal	Right Angle	Fatal Injury	County	2			1	1	0	0	0	No	Minor Arterial	ROUTE 571	West	571	00000571	18.05	Yes	ROUTE 5266 / COMMADORE BLVD / W CO	50	25	North	East
9	OCEAN	JACKSON TWP	2015	6/26/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2			0	2	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 571	West	571	00000571	9.00	Yes	NEWARK AVE	50	45	West	South
10	OCEAN	JACKSON TWP	2015	7/9/2015	Traffic Signal	Pedestrian	Fatal Injury	County	1			1	1	1	0	0	Yes	Minor Arterial	OCEAN COUNTY 634	East	634	15000034	11.30	Yes	CR 4 / DEERHEAD LAKE DR / DENTON AV	45	25	East	South
11	OCEAN	JACKSON TWP	2015	7/24/2015	Traffic Signal	Right Angle	Fatal Injury	County	2			1	1	0	0	0	No	Minor Arterial	ROUTE 526	West	526	00000526	28.11	Yes	CR 638 / BENNETT MILLS RD	40	40	West	South
12	OCEAN	JACKSON TWP	2015	8/10/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2			0	2	0	0	0	No	Minor Arterial	ROUTE 527	West	527	00000527	8.00	Yes	NEWARK AVE	50	25	West	South
13	OCEAN	BURKELLY TWP	2015	11/10/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1			0	1	0	1	0	No	Minor Arterial	OCEAN COUNTY 39	North	39	15000039	5.97	Yes	SANTAGO DR	35	25	North	South
14	OCEAN	LAKEWOOD TWP	2016	2/26/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2			0	2	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 526	West	526	00000526	26.00	Yes	MOMMOUTH AVE	45	25	West	East
15	OCEAN	LAKEWOOD TWP	2016	5/19/2016	Flasher/Warning	Right Angle	Suspected Serious Injury	County	3			0	3	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 526	West	526	00000526	22.94	Yes	LOVELL LAKE	45	40	West	East
16	OCEAN	JACKSON TWP	2016	6/16/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2			0	2	0	0	0	No	Not a HPMS Reportable Trafficway	OCEAN COUNTY 634	West	634	15000034	10.61	Yes	CR 8 / BUTTERS RD / FRANK APPELLA	40	40	North	South
17	OCEAN	LAKEWOOD TWP	2016	6/18/2016	Traffic Signal	Right Angle	Suspected Serious Injury	County	3			0	2	0	0	0	No	Principal Arterial - Other	ROUTE 526	East	526	00000526	32.43	Yes	OBERTIN AVE	50	35	South	East
18	OCEAN	JACKSON TWP	2016	10/19/2016	Stop Control	Right Angle	Fatal Injury	County	3			1	1	0	0	0	No	Minor Arterial	ROUTE 526	West	526	00000526	22.94	Yes	CR 26 / LEEVILLE DIAMOND RD	50	25	West	West
19	OCEAN	JACKSON TWP	2016	7/22/2016	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2			0	2	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 571	West	571	00000571	5.21	Yes	LOVELL LAKE	45	40	West	South
20	OCEAN	TOMS RIVER TWP	2016	8/26/2016	Traffic Signal	Left Turn/Right Turn	Suspected Serious Injury	County	1			0	3	0	0	0	No	Minor Arterial	ROUTE 571	West	571	00000571	5.21	Yes	CR 623 / OLD FRENCH RD	45	45	West	South
21	OCEAN	TOMS RIVER TWP	2016	8/28/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2			0	1	0	0	0	No	Minor Arterial	ROUTE 527	North	527	00000527	7.90	Yes	MOHPERSON ST	50	25	West	North
22	OCEAN	LAKEWOOD TWP	2016	9/26/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1			0	1	0	0	0	Yes	Principal Arterial - Other	OCEAN COUNTY 623	West	623	15000023	6.71	Yes	DAK ST	50	25	East	West
23	OCEAN	JACKSON TWP	2016	11/29/2016	Traffic Signal	Left Turn/Right Turn	Fatal Injury	County	1			0	1	0	0	0	No	Minor Arterial	ROUTE 571	West	571	00000571	0.41	Yes	NEWARK AVE	45	25	West	South
24	OCEAN	LAKEWOOD TWP	2016	11/29/2016	Traffic Signal	Right Angle	Suspected Serious Injury	County	1			0	2	0	0	0	No	Principal Arterial - Other	ROUTE 526	West	526	00000526	31.11	Yes	NI 20 / S CLOVER ST	35	45	East	West
25	OCEAN	TOMS RIVER TWP	2016	12/25/2016	No Control	Pedestrian	Fatal Injury	County	1			1	0	0	0	0	No	HIGHLAND PKWY	West	649	15007096	0.75	Yes	HERICKER BLVD	45	25	South	East	
26	OCEAN	LITTLE EGGS HARBOR TWP	2017	1/11/2017	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2			0	0	0	0	0	Yes	Not a HPMS Reportable Trafficway	ROUTE 571	South	571	00000571	2.08	Yes	DAK LAKE	45	25	North	East
27	OCEAN	BEECH BEACH BORO	2017	1/25/2017	No Control	Fixed Object	Suspected Serious Injury	County	2			0	1	0	0	0	No	Minor Arterial	OCEAN COUNTY 607	South	607	15000607	2.98	Yes	LOTH ST	45	25	East	West
28	OCEAN	TOMS RIVER TWP	2017	3/18/2017	Traffic Signal	Right Angle	Suspected Serious Injury	County	2			0	1	0	0	0	No	Not a HPMS Reportable Trafficway	HICKORY ST	North	527	00000527	2.78	Yes	HICKORY ST	45	25	North	West
29	OCEAN	TOMS RIVER TWP	2017	3/20/2017	Traffic Signal	Left Turn/Right Turn	Suspected Serious Injury	County	3			0	1	0	0	0	No	Major Collector	OCEAN COUNTY 27	South	27	15000027	0.00	Yes	ROUTE 549 / ROUTE 571 / FISCHER BLV	45	40	North	East
30	OCEAN	TOMS RIVER TWP	2017	3/29/2017	Traffic Signal	Right Angle	Suspected Serious Injury	County	2			0	1	0	0	0	No	Minor Arterial	ROUTE 571	West	571	00000571	6.04	Yes	WILSON ST	45	25	West	South
31	OCEAN	JACKSON TWP	2017	4/16/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2			0	1	0	0	0	No	Not a HPMS Reportable Trafficway	OCEAN COUNTY 626	West	626	15000026	12.00	Yes	CR 637 / PARKWAY AVE	40	40	West	South
32	OCEAN	MANCHESTER TWP	2017	4/9/2017	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	2			0	1	0	0	0	No	Minor Arterial	ROUTE 571	West	571	00000571	10.43	Yes	RENAISSANCE DR	50	25	North	South
33	OCEAN	LAKEWOOD TWP	2017	6/30/2017	Traffic Signal	Left Turn/Right Turn	Suspected Serious Injury	County	2			0	3	0	0	0	No	Principal Arterial - Other	ROUTE 526	West	526	00000526	30.17	Yes	WINDY RD	50	40	South	North
34	OCEAN	LAKEWOOD TWP	2017	6/30/2017	No Control	Left Turn/Right Turn	Suspected Serious Injury	County	2			0	2	0	0	0	No	Not a HPMS Reportable Trafficway	OCEAN COUNTY 634	South	634	15000034	0.77	Yes	WINDY RD	50	40	South	North
35	OCEAN	LAKEWOOD TWP	2017	6/26/2017	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	2			0	1	0	0	0	No	Not a HPMS Reportable Trafficway	SHOREWOOD	West	629	15000029	0.28	Yes	DISTRIBUTION DR	40	25	North	West
36	OCEAN	TOMS RIVER TWP	2017	10/9/2017	Traffic Signal	Right Angle	Suspected Serious Injury	County	2			0	1	0	0	0	No	Principal Arterial - Other	ROUTE 549	South	549	00000549	1.28	Yes	DIVISION ST	40	25	South	East
37	OCEAN	LAKEWOOD TWP	2017	11/17/2017	Traffic Signal	Right Angle	Suspected Serious Injury	County	2			0	2	0	0	0	No	Minor Arterial	OCEAN COUNTY 634	West	634	15000034	0.28	Yes	MOUNTAINVIEW RD	35	25	North	East
38	OCEAN	HARGREAV TWP	2017	12/17/2017	Traffic Signal	Fatal Injury	Suspected Serious Injury	County	2			0	1	0	0	0	No	Not a HPMS Reportable Trafficway	OCEAN COUNTY 634	West	634	15000034	2.50	Yes	205 / GARDNER DR	45	25	North	West
39	OCEAN	BURKELLY TWP	2017	12/15/2017	No Control	Fixed Object	Suspected Serious Injury	County	1			0	1	0	0	0	No	Not a HPMS Reportable Trafficway	OCEAN COUNTY 638	West	638	15000638	1.18	Yes	AIRPORT RD	50	25	West	East
40	OCEAN	LAKEWOOD TWP	2018	1/29/2018	Traffic Signal	Right Angle	Suspected Serious Injury	County	1			0	1	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 526	West	526	00000526	22.94	Yes	MARTIN LUTHER KING DRIVE	45	25	West	East
41	OCEAN	JACKSON TWP	2018	3/10/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2			0	2	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 526	West	526	00000526	9.00	Yes	CR 29 / FREDERICK HAWKINS RD	50	25	West	South
42	OCEAN	JACKSON TWP	2018	4/21/2018	No Control	Pedestrian	Suspected Serious Injury	County	1			0	1	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 527	South	527	00000527	11.55	Yes	GRAVITY RD	50	40	North	South
43	OCEAN	FLUMSTEAD TWP	2018	4/23/2018	Stop Control	Right Angle	Fatal Injury	County	2			2	1	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 539	North	539	00000539	23.29	Yes	WOODLUFF RD	50	25	North	West
44	OCEAN	MANCHESTER TWP	2018	4/30/2018	Flasher/Warning	Right Angle	Suspected Serious Injury	County	3			0	3	0	0	0	No	Not a HPMS Reportable Trafficway	COMMONWEALTH BLVD	West	623	15000623	3.37	Yes	NORTHHAMPTON BLVD	40	40	North	West
45	OCEAN	TOMS RIVER TWP	2018	5/12/2018	Right Angle	Left Turn/Right Turn	Suspected Serious Injury	County	2			0	2	0	0	0	No	Suspected Serious Injury	ROUTE 571	West	571	00000571	3.17	Yes	NI 27 / WINDY DRIVE	40	25	North	East
46	OCEAN	LAKEWOOD TWP	2018	6/18/2018	Traffic Signal	Left Turn/Right Turn	Suspected Serious Injury	County	2			0	2	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 528	West	528	00000528	13.17	Yes	AIRPORT RD	45	45	West	South
47	OCEAN	JACKSON TWP	2018	7/9/2018	Stop Control	Right Angle	Fatal Injury	County	2			2	0	0	0	0	Yes	Not a HPMS Reportable Trafficway	OCEAN COUNTY 641	West	641	15000641	4.10	Yes	DAK RD	45	25	East	South
48	OCEAN	PINE BEACH BORO	2018	7/9/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2			0	6	0	0	0	No	Not a HPMS Reportable Trafficway	MOYON ROAD	North	641	15000641	4.10	Yes	PENNSYLVANIA AVENUE	50	30	South	North
49	OCEAN	JACKSON TWP	2018	8/25/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2			0	1	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 539	East	539	00000539	32.83	Yes	ROUTE 549 / ROUTE 571	50	25	East	South
50	OCEAN	MANCHESTER TWP	2018	8/26/2018	Stop Control	Right Angle	Suspected Serious Injury	County	3			0	3	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 539	East	539	00000539	30.17	Yes	CR 12 / CHEERY ST	50	50	West	North
51	OCEAN	SOUTH TOMS RIVER BORO	2018	10/9/2018	Stop Control	Fixed Object	Suspected Serious Injury	County	1			0	1	0	0	0	No	Minor Arterial	ROUTE 530	East	530	00000530	30.78	Yes	CR 109 / MAGNOLIA AVE	40	35	South	North
52	OCEAN	LAKEWOOD TWP	2018	10/9/2018	Traffic Signal	Right Angle	Suspected Serious Injury	County	2			0	2	0	0	0	No	Principal Arterial - Other	ROUTE 526	West	526	00000526	36.52	Yes	GARDEN STATE PARKWAY	50	45	West	

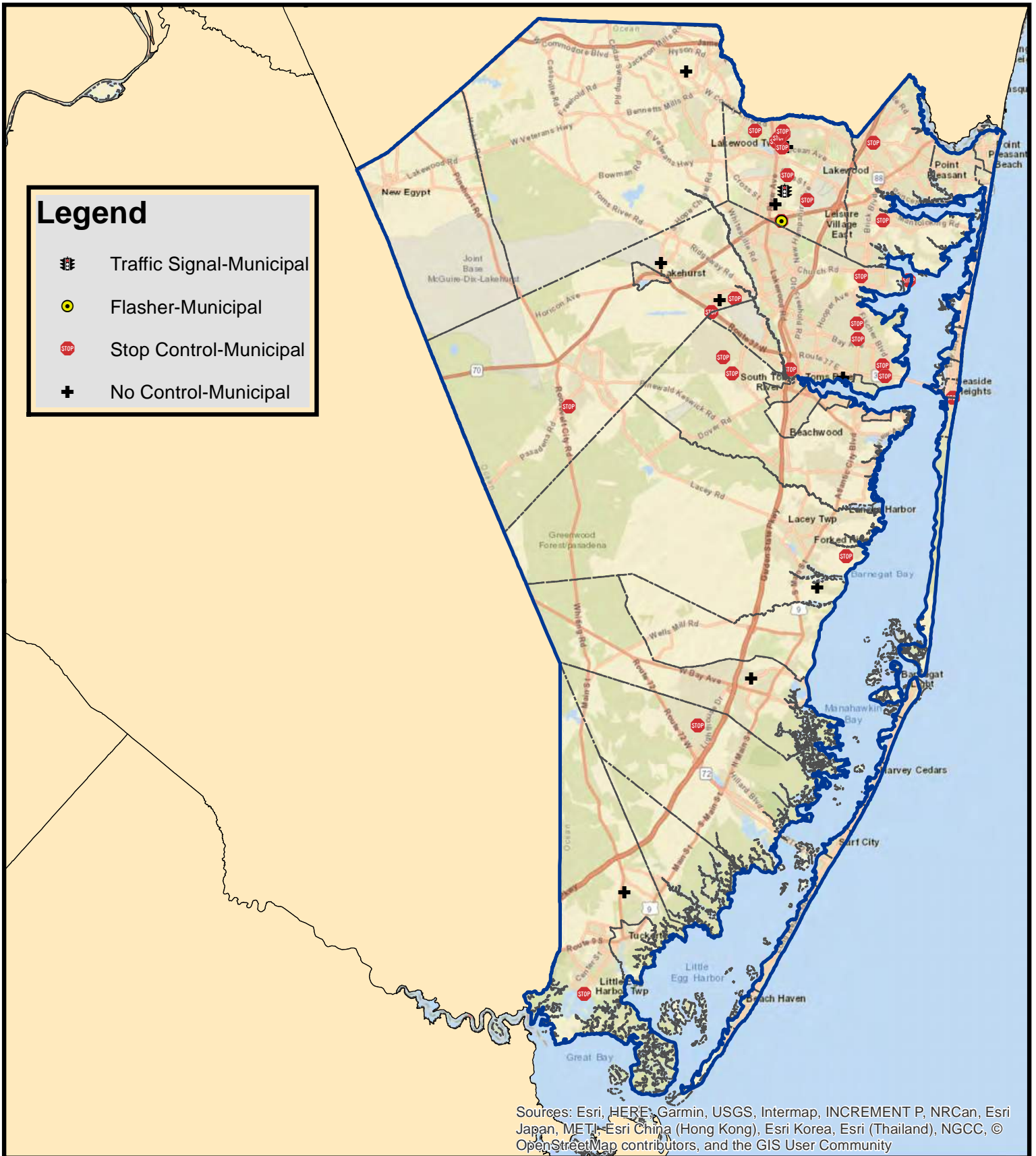
**OCEAN COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
OCEAN	LAKEWOOD TWP	2021	09/09/2021	Traffic Signal	Left Turn/All Turn	Suspected Serious Injury	County	2	0	0	0	1	0	0	No		Minor Arterial	ROUTE 526		526	00000036	31.27	Yes	CR 14 / LAURELWOOD AVE	45	25	South	West
OCEAN	STAFFORD TWP	2021	10/23/2021	Stop Control	Fixed Object	Suspected Serious Injury	County	1	0	0	0	1	0	0	No		Minor Collector	OCEAN COUNTY 50		530	00000060	1.88	Yes	CR 14 / HILLARD BLVD	40	45		
OCEAN	MANCHESTER TWP	2021	11/22/2021	Stop Control	Right Angle	Suspected Serious Injury	County	3	0	2	0	0	0	0	No		Minor Arterial	ROUTE 530		530	00000030	20.90	Yes	COLUMBUS BLVD	40	25	West	
OCEAN	SHP BROTON ROAD	2021	11/27/2021	Flasher/Warning	Struck Parked Vehicle	Suspected Serious Injury	County	2	0	4	0	0	0	0	No		Minor Arterial	OCEAN COUNTY 60	South	607	15000097	8.94	Yes	24TH ST	40	40		
OCEAN	SOUTH TOMS RIVER BORO	2021	12/21/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	0	No		Minor Arterial	ROUTE 530	West	530	00000030	30.67	Yes	CR 4 / DOVER RD / S MAIN ST	30	35	North	West
OCEAN	LAKEWOOD TWP	2021	12/25/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	0	No		Minor Arterial	OCEAN COUNTY 639		639	15000039	2.54	Yes	ROUTE 526 / COUNTY LINE RD	45	45	South	North
OCEAN	LAKEWOOD TWP	2022	1/15/2022	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	3	0	0	0	0	No		Minor Arterial	OCEAN COUNTY 623		623	15000623	8.71	Yes	NI 88 / OCEAN AVE	45	45	West	North
OCEAN	LAKEWOOD TWP	2022	3/8/2022	Stop Control	Right Turn/All Turn	Suspected Serious Injury	County	2	0	1	0	0	0	0	No		Minor Arterial	OCEAN COUNTY 638		628	15000638	0.86	Yes	CAPITAL / ALUMNER AVE	40	15	East	West
OCEAN	LAKEWOOD TWP	2022	3/8/2022	Stop Control	Left Turn/All Turn	Suspected Serious Injury	County	3	0	4	0	0	0	0	No		Minor Arterial	ROUTE 526		526	00000036	31.26	Yes	HELANWOOD AVE	45	25	West	South
OCEAN	LAKEWOOD TWP	2022	2/15/2022	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	0	1	0	1	0	1	No		Minor Collector	KENNEDY BLVD / LAURELWOOD AVE			15140006	0.31	Yes	PRINCECTON AVE	30	25	North	West
OCEAN	HANESGAT TWP	2022	2/16/2022	Stop Control	Right Angle	Fatal Injury	County	2	1	2	0	0	0	0	No		Minor Arterial	BAINBRIG BLVD	North	626	15000626	2.68	Yes	5TH DR	45	25	West	East
OCEAN	LAKEWOOD TWP	2022	5/23/2022	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No		Minor Collector	OCEAN COUNTY 626		626	15000626	0.48	Yes	HEATHSTONE RD	45	25	West	East
OCEAN	LAKEWOOD TWP	2022	4/8/2022	Traffic Signal	Right Angle	Suspected Serious Injury	County	4	0	3	0	0	0	0	No		Principal Arterial - Other	ROUTE 526		528	00000028	32.13	Yes	CR 623 / NEW HAMPSHIRE AVE	45	25	West	East
OCEAN	LAKEWOOD TWP	2022	3/6/2022	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	0	No		Minor Collector	OCEAN COUNTY 626		626	15000626	0.62	Yes	CR 63 / MASSACHUSETTS AVE	45	40	West	East
OCEAN	LAKEWOOD TWP	2022	5/19/2022	Traffic Signal	Left Turn/All Turn	Suspected Serious Injury	County	2	0	2	0	0	0	0	Yes		Principal Arterial - Other	OCEAN COUNTY 623		623	15000623	8.34	Yes	NEW HAMPTON AVE	50	45	North	East
OCEAN	LAKEWOOD TWP	2022	5/18/2022	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	3	0	0	0	0	Yes		Minor Collector	OCEAN COUNTY 626		626	15000626	0.44	Yes	CR 63 / MASSACHUSETTS AVE	45	45	West	East
OCEAN	JACKSON TWP	2022	6/12/2022	Stop Control	Other	Suspected Serious Injury	County	1	0	2	0	0	0	0	Yes		Minor Arterial	ROUTE 527		527	00000027	9.31	Yes	NI 88 / FARADAY AVE	40	50	East	
OCEAN	MANCHESTER TWP	2022	6/24/2022	Flasher/Warning	Right Angle	Fatal Injury	County	2	1	2	0	0	0	0	No		Minor Collector	COMMONWEALTH BLVD			15180006	0.77	Yes	NORTH HAMPTON BLVD	40	25	North	West
OCEAN	PLUMSTED TWP	2022	4/25/2022	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	0	No		Major Collector	ROUTE 526	South	526	00000026	32.72	Yes	CR 642 / COLLIERIE MILL RD	50	25	South	East
OCEAN	LAKEWOOD TWP	2022	7/8/2022	Traffic Signal	Left Turn/All Turn	Suspected Serious Injury	County	2	0	1	0	0	0	0	No		Minor Arterial	ROUTE 526		526	00000026	31.27	Yes	CR 6 / LAURELWOOD AVE	45	25	North	East
OCEAN	JACKSON TWP	2022	7/10/2022	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No		Minor Arterial	ROUTE 527		527	00000027	10.30	Yes	ROUTE 547 / CR 3 / S HOPE CHAPEL RD	45	45	West	East
OCEAN	TOMS RIVER TWP	2022	7/22/2022	Traffic Signal	Right Angle	Fatal Injury	County	2	3	1	0	0	0	0	No		Minor Arterial	ROUTE 527		527	00000027	1.25	Yes	HOSPITAL DR / WILLIAMSBURG DR	40	25	East	South
OCEAN	LITTLE EGG HARBOR TWP	2022	7/04/2022	No Control	Same Direction, Sideswipe	Fatal Injury	County	2	1	0	0	0	0	0	No		Major Collector	ROUTE 528	North	528	00000028	1.70	Yes	G.S.P EXT RAMP 408 (OUTH BOUND)	55	25	North	North
OCEAN	LAKEWOOD TWP	2022	8/3/2022	Traffic Signal	Left Turn/All Turn	Suspected Serious Injury	County	2	0	1	0	0	0	0	No		Principal Arterial - Other	ROUTE 528		528	00000028	33.17	Yes	AIRPORT RD	50	40	South	West
OCEAN	LAKEWOOD TWP	2022	8/7/2022	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	3	0	0	0	0	No		Principal Arterial - Other	ROUTE 526		528	00000028	33.67	Yes	GS PARKWAY NORTH ACCESS ROAD	45	50	South	East
OCEAN	JACKSON TWP	2022	8/10/2022	Traffic Signal	Right Angle	Fatal Injury	County	2	1	0	0	0	0	0	No		Minor Arterial	ROUTE 526		526	00000026	28.31	Yes	CR 630 / BARNETS MILLS RD	45	45	East	West
OCEAN	JACKSON TWP	2022	8/20/2022	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No		Minor Arterial	ROUTE 571		571	00000071	21.04	Yes	RI BK / LEBERLE RD	50	40	West	North
OCEAN	MANCHESTER TWP	2022	9/11/2022	Traffic Signal	Opposite Direction (Sideswipe)	Fatal Injury	County	2	1	0	0	0	0	0	No		Minor Arterial	ROUTE 571		571	00000071	11.76	Yes	CR 6 / RIDGEWAY BLVD	50	45	South	West
OCEAN	TOMS RIVER TWP	2022	10/7/2022	Traffic Signal	Left Turn/All Turn	Suspected Serious Injury	County	2	0	1	0	0	0	0	No		Minor Arterial	OCEAN COUNTY 622		622	15000622	0.44	Yes	CR 637 / MASSACHUSETTS AVE	45	45	South	West
OCEAN	SHREVE HEIGHTS BORO	2022	10/19/2022	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	0	No		Minor Arterial	OCEAN COUNTY 635	North	611	15000635	0.87	Yes	EVAN AVE	25	25	North	West
OCEAN	LAKEWOOD TWP	2022	5/8/2022	Traffic Signal	Left Turn/All Turn	Suspected Serious Injury	County	2	0	2	0	0	0	0	No		Not a HPMS Reportable Trafficway	OCEAN COUNTY 636		636	15000636	1.92	Yes	CR 8 / BUTTERFLY RD / FRANK APPLGGA	45	40	North	West
OCEAN	JACKSON TWP	2022	11/14/2022	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	0	No		Major Collector	OCEAN COUNTY 636		636	15000636	1.92	Yes	CR 8 / BUTTERFLY RD / FRANK APPLGGA	45	40	North	West

Unmapped

Ocean County

Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)



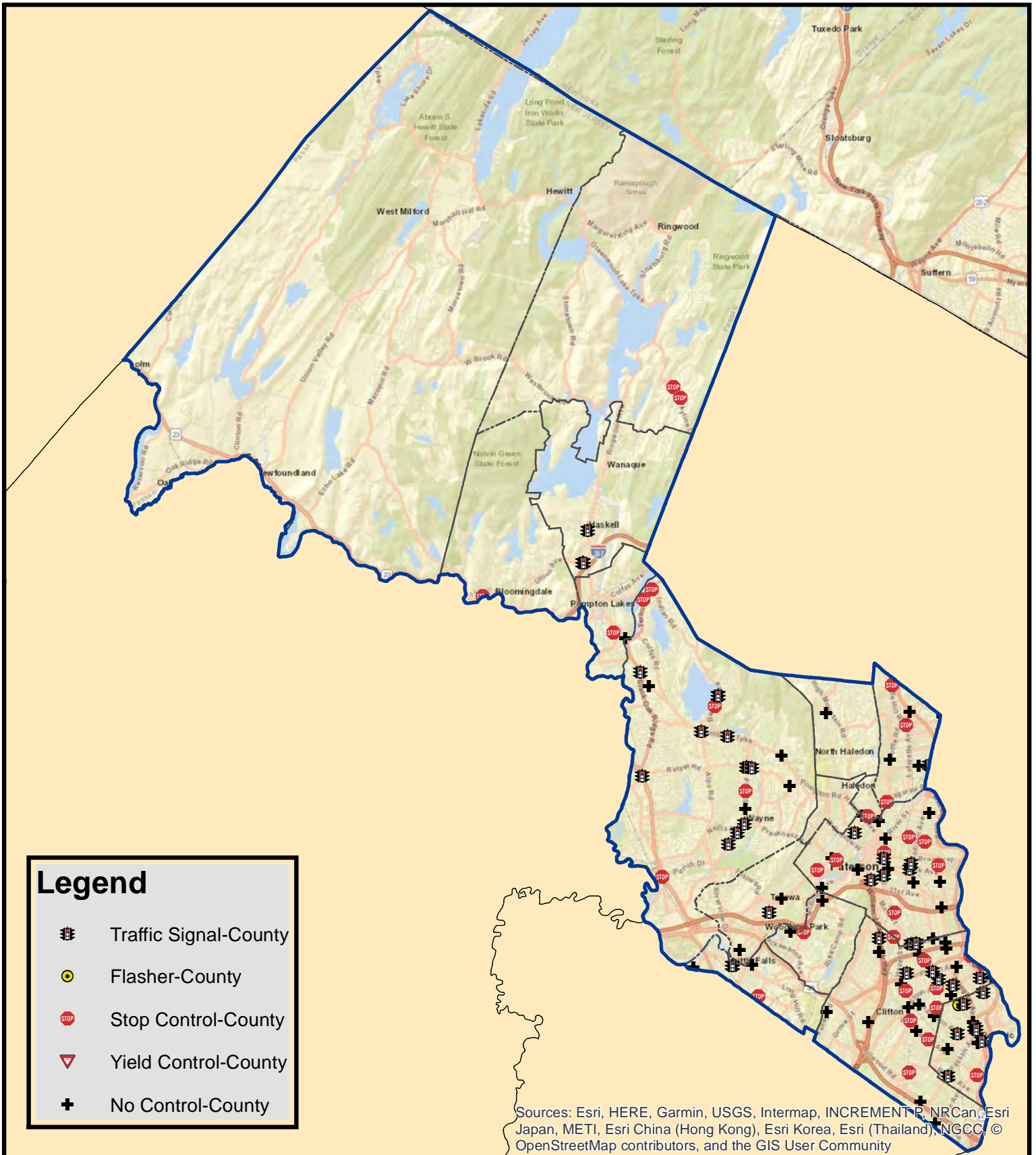
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OCEAN COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	
1	OCEAN	BARNEGAT TWP	2015	6/24/2015	No Control	Left Turn/U Turn	Suspected Serious Injury	Municipal	2	0	0	1	0	0	No		Not a HPMS Reportable Trafficway	PENNSYLVANIA AVE					Yes	RAVENWOOD BLVD.	25	25	North	East	
2	OCEAN	BERKELEY TWP	2017	8/8/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	2	0	0	No		Not a HPMS Reportable Trafficway	MARTINDALE DR	East				Yes	NORTH HUMBOLDT DR	25	25	North	South	
3	OCEAN	BERKELEY TWP	2021	2/6/2021	Stop Control	Right Angle	Fatal Injury	Municipal	2	0	1	1	0	0	No		Local	LEHMAN ST **	South		15051632	0.05	Yes	CR 642 / MULE RD	35	25			
4	OCEAN	BIRCH TWP	2022	8/23/2022	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	0	2	0	0	No		Local	GREIG DR **			15061137	0.06	Yes	YALE ST	25	25	East		
5	OCEAN	BIRCH TWP	2021	9/27/2021	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	No		Not a HPMS Reportable Trafficway	YALE BLVD				0.00	Yes	YALE BLVD	25	25	West		
6	OCEAN	JACKSON TWP	2022	7/16/2022	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	Yes		Local	HAMPSHIRE BLVD **			15111267	0.11	Yes	KNIGHTSBRIDGE CT / KNIGHTSBRIDGE PL	25	25	West		
7	OCEAN	LACKY TWP	2021	6/12/2021	Stop Control	Other	Suspected Serious Injury	Municipal	1	0	1	0	0	0	No		Local	SUNNYS BLVD	South		15121218	0.00	Yes	TAMPA RD	25	25	East		
8	OCEAN	LACKY TWP	2021	7/6/2021	No Control	Overturn	Suspected Serious Injury	Municipal	1	0	1	0	0	0	No		Local	CHESTER DR **	South		15123137	0.00	Yes	TAMPA RD	25	25	East		
9	OCEAN	LAKEWOOD TWP	2015	1/8/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	2	0	0	No		Not a HPMS Reportable Trafficway	VERMONT AVE					Yes	LOLUST ST	45	40	South	North	
10	OCEAN	LAKEWOOD TWP	2015	4/28/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	2	0	0	No		Not a HPMS Reportable Trafficway	VERMONT AVE					Yes	LOLUST ST	45	40	South	North	
11	OCEAN	LAKEWOOD TWP	2016	9/2/2016	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	0	2	1	0	No		Not a HPMS Reportable Trafficway	WOLFE STREET					Yes	CONGRESS STREET	25	25	East		
12	OCEAN	LAKEWOOD TWP	2018	5/26/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	1	0	0	4	0	0	No		Not a HPMS Reportable Trafficway	DAK ST					Yes	TOWBIN AVE	40	40	South	North	
13	OCEAN	LAKEWOOD TWP	2018	5/27/2018	No Control	Fixed Object	Fatal Injury	Municipal	1	2	2	0	0	0	Yes		Not a HPMS Reportable Trafficway	YALE DR **			15141285	0.23	Yes	CORNELL ST	25	25	South	North	
14	OCEAN	LAKEWOOD TWP	2018	8/6/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	No		Not a HPMS Reportable Trafficway	ATHA ST				0.79	Yes	CAR ROAD	35	25	West	North	
15	OCEAN	LAKEWOOD TWP	2019	4/16/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	No		Not a HPMS Reportable Trafficway	FINE ST					Yes	WASHINGTON AVE	35	25	West	North	
16	OCEAN	LAKEWOOD TWP	2019	7/22/2019	Traffic Signal	Overturn	Suspected Serious Injury	Municipal	1	0	0	1	0	0	No		Local	DAK ST **				0.00	Yes	VINE AVE	40	20	South		
17	OCEAN	LAKEWOOD TWP	2020	2/9/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	No		Local	EAST 6TH ST			15141026	0.45	Yes	CLIFTON AVE	25	25	North	West	
18	OCEAN	LAKEWOOD TWP	2020	8/14/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	No		Minor Arterial	WILSON AVE			56	0.00	Yes	WILSON AVE	25	25	North	South	
19	OCEAN	LAKEWOOD TWP	2021	8/4/2021	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	0	1	0	0	No		Major Collector	MONMOUTH AVE / SEESON ST			15144385	0.34	Yes	SEESON ST	25	30	North	South	
20	OCEAN	LAKEWOOD TWP	2022	4/3/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	2	0	0	Yes	1	Minor Arterial	ROUTE 547			547	0.000547	9.51	Yes	LEXINGTON AVE	25	35	South	East
21	OCEAN	LAKEWOOD TWP	2022	7/11/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	1	0	0	No		Local	WILSON AVE			15144385	0.53	Yes	WILSON AVE	25	25	North	South	
22	OCEAN	LITTLE EGG HARBOR TWP	2016	4/20/2016	No Control	Fixed Object	Fatal Injury	Municipal	1	0	0	0	0	0	No		Not a HPMS Reportable Trafficway	NEWPORT WAY					Yes	CAROL AVE	25	25	North		
23	OCEAN	LITTLE EGG HARBOR TWP	2021	10/9/2021	Stop Control	Same Direction - Sideswipe	Suspected Serious Injury	Municipal	2	0	1	0	0	0	No		Local	CALA BREEZE WAY / S PORTLAND DR **			15162076	0.18	Yes	FALCON DR	25	25	West	West	
24	OCEAN	MANCHESTER TWP	2017	4/15/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	5	0	0	0	No		Not a HPMS Reportable Trafficway	COOLIDGE AVE					Yes	NEW YORK AVE	35	35	East	South	
25	OCEAN	MANCHESTER TWP	2020	4/6/2020	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	0	1	0	0	No		Local	LARCHMONT ST / MONSIEUR ST / MONTCOUCHEW AVE **			15181544	0.28	Yes	6TH AVE	25	25	North		
26	OCEAN	MANCHESTER TWP	2022	8/2/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	2	0	0	0	No		Local	BEECHMONT ST / LAWRENCE AVE **			15183093	1.77	Yes	BEECHMONT DR	40	25	East	North	
27	OCEAN	MANCHESTER TWP	2022	8/3/2022	No Control	Left Turn/U Turn	Suspected Serious Injury	Municipal	2	0	1	0	0	0	No		Not a HPMS Reportable Trafficway	ATLESFORD LANE					Yes	WHITTINGHAM LANE	25	25	East	North	
28	OCEAN	SEASIDE PARK BORO	2019	7/13/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	5	0	0	0	No		Not a HPMS Reportable Trafficway	BOULEVARD	South				Yes	PORTER AVE	25	25	South	East	
29	OCEAN	STAFFORD TWP	2017	5/26/2017	Stop Control	Right Angle	Fatal Injury	Municipal	2	1	1	0	0	0	No		Not a HPMS Reportable Trafficway	MAULDS DRIVE	North				Yes	TRASURE AVENUE	35	25	North	West	
30	OCEAN	TOMS RIVER TWP	2015	5/15/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	No		Not a HPMS Reportable Trafficway	NORTHAMPTON BLVD					Yes		40	25	East	South	
31	OCEAN	TOMS RIVER TWP	2016	8/11/2016	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	2	0	0	0	No		Not a HPMS Reportable Trafficway	HIGHLAND PKWY					Yes		40	25	East	South	
32	OCEAN	TOMS RIVER TWP	2016	6/21/2016	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	2	0	0	0	No		Not a HPMS Reportable Trafficway	OCEAN COUNTY 627	South	627	15000627		Yes	BELL STREET	35	25	West	North	
33	OCEAN	TOMS RIVER TWP	2016	8/4/2016	Stop Control	Right Angle	Fatal Injury	Municipal	2	1	2	0	0	0	No		Not a HPMS Reportable Trafficway	WAVE WKY	West				Yes	HARBOR VIEW LANE	25	25	West	East	
34	OCEAN	TOMS RIVER TWP	2016	11/29/2016	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	2	0	0	0	No		Not a HPMS Reportable Trafficway	WAKE FORDS					Yes	FARVIEW DRIVE	25	25	West	North	
35	OCEAN	TOMS RIVER TWP	2017	8/23/2017	No Control	Pedestrian	Fatal Injury	Municipal	1	1	0	0	1	0	No		Not a HPMS Reportable Trafficway	WHITTIER AVE	West		15071293	0.29	Yes	HUNSFELLOW AVE	25	25	West	South	
36	OCEAN	TOMS RIVER TWP	2018	10/2/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	2	0	0	0	No		Local	HINDS RD **			15071576	0.24	Yes	SHORE RD	25	25	North		
37	OCEAN	TOMS RIVER TWP	2019	5/13/2019	Stop Control	Overturn	Suspected Serious Injury	Municipal	1	0	0	1	0	0	No		Local	LYDIA RD **			15072443	0.33	Yes	ADAMS AVE	25	35	East		
38	OCEAN	TOMS RIVER TWP	2021	12/14/2021	Stop Control	Right Angle	Fatal Injury	Municipal	2	1	0	0	0	0	No		Local	GARFIELD AVE			15072600	0.79	Yes	WINDSOR AVE	35	35	North	West	

Unmapped

Passaic County Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)



PASSAIC COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Crash Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	
1	PASSAIC	CLIFTON CITY	2015	1/23/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	2	0	0	0	No	Major Collector	PASSAIC COUNTY 630	South	609	16000609	1.16	Yes	SARGEANT AVE	25	25	South	North
2	PASSAIC	LITTLE FALLS TWP	2015	1/28/2015	No Control	Pedestrian	Fatal Injury	County	1	1	0	0	1	0	0	No	Minor Arterial	PASSAIC COUNTY 609	South	639	16000639	0.17	Yes	MAPLE ST / OLD MORRIS CANAL LN	25	25	South	North	
3	PASSAIC	PATERSON CITY	2015	1/22/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	0	No	Not a HPMS Reportable Trafficway	PASSAIC COUNTY 600	North	601	16000601	0.00	Yes	BRAND ST	25	25	West	West	
4	PASSAIC	LITTLE FALLS TWP	2015	1/22/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	Major Collector	PASSAIC COUNTY 630	South	631	16000631	1.38	Yes	CR 647 / LITTLE FALLS	25	25	West	West	
5	PASSAIC	LITTLE FALLS TWP	2015	5/18/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2	1	0	0	2	0	0	No	Minor Arterial	PASSAIC COUNTY 612	West	612	16000612	0.20	Yes	CR 617 / EDGAR GROVE RD	25	25	North	North	
6	PASSAIC	WAYNE TWP	2015	6/10/2015	No Control	Left Turn/U Turn	Fatal Injury	County	2	1	2	0	0	0	0	No	Principal Arterial - Other	PASSAIC COUNTY 705	East	689	16000689	1.61	Yes	ARMINGSTRONG AVE	45	25	South	West	
7	PASSAIC	WAYNE TWP	2015	7/2/2015	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	0	No	Minor Arterial	PASSAIC COUNTY 705	West	705	16000705	1.05	Yes	HINCHMAN AVE	45	25	South	South	
8	PASSAIC	CLIFTON CITY	2015	8/28/2015	Traffic Signal	Fixed Object	Suspected Serious Injury	County	2	1	0	0	0	0	0	No	Not a HPMS Reportable Trafficway	PASSAIC COUNTY 638	North	638	16000638	1.54	Yes	WILSON AVE	45	25	North	North	
9	PASSAIC	WAYNE TWP	2015	8/19/2015	No Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Principal Arterial - Other	PASSAIC COUNTY 638	South	502	16000502	0.97	Yes	MADLINE AVE	45	25	North	South	
10	PASSAIC	CLIFTON CITY	2015	8/19/2015	No Control	Opposite Direction (Head On)	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Principal Arterial - Other	PASSAIC COUNTY 638	North	601	16000601	4.91	Yes	MADLINE AVE	35	25	North	East	
11	PASSAIC	PATERSON CITY	2015	8/29/2015	Stop Control	Right Angle	Suspected Serious Injury	County	3	1	0	0	0	0	0	No	Minor Collector	PASSAIC COUNTY 647	West	647	16000647	0.96	Yes	WILSON AVE	25	25	North	South	
12	PASSAIC	PATERSON CITY	2015	11/3/2015	No Control	Same Direction - Side-swipe	Pedestrian	County	3	0	1	0	0	0	0	No	Minor Arterial	PASSAIC COUNTY 658	West	648	16000648	1.54	Yes	WILSON AVE	25	25	South	North	
13	PASSAIC	WAYNE TWP	2015	11/23/2015	Traffic Signal	Fatal Injury	Fatal Injury	County	1	1	0	0	0	0	0	No	Principal Arterial - Other	ROUTE 504	East	504	00000504	9.58	Yes	CR 701 / CHURCH LN	40	25	North	South	
14	PASSAIC	CLIFTON CITY	2015	12/1/2015	Stop Control	Fixed Object	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Principal Arterial - Other	PASSAIC COUNTY 600	North	601	16000601	4.73	Yes	WILSON AVE	30	25	South	North	
15	PASSAIC	RINGWOOD BORO	2016	1/17/2016	Stop Control	Left Turn/U Turn	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Principal Arterial	PASSAIC COUNTY 620	West	652	16000652	1.82	Yes	HAMILTON AVE	25	25	West	North	
16	PASSAIC	PATERSON CITY	2016	3/4/2016	Stop Control	Opposite Direction (Head On)	Suspected Serious Injury	County	2	0	3	0	0	0	0	No	Not a HPMS Reportable Trafficway	PASSAIC COUNTY 638	North	640	16000640	0.00	Yes	WILSON AVE	25	25	West	East	
17	PASSAIC	PATERSON CITY	2016	3/30/2016	No Control	Overturned	Fatal Injury	County	1	0	1	0	0	0	0	No	Principal Arterial - Other	ROUTE 504	North	504	00000504	14.28	Yes	BELLE ST / N 2ND ST	25	25	West	West	
18	PASSAIC	WAYNE TWP	2016	3/26/2016	No Control	Right Angle	Suspected Serious Injury	County	3	0	2	0	0	0	0	No	Principal Arterial - Other	ROUTE 502	North	202	00000202	20.23	Yes	WILSON RD	40	25	West	North	
19	PASSAIC	PATERSON CITY	2016	4/24/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	1	0	0	0	0	No	Principal Arterial - Other	ROUTE 504	West	504	00000504	0.00	Yes	WILSON RD	25	25	West	North	
20	PASSAIC	CLIFTON CITY	2016	7/26/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	0	No	Principal Arterial - Other	PASSAIC COUNTY 601	North	601	16000601	4.42	Yes	CR 626 / PIAGET AVE	25	25	West	North	
21	PASSAIC	WAYNE TWP	2016	9/22/2016	No Control	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Minor Arterial	PASSAIC COUNTY 618	North	618	16000618	2.60	Yes	LINDINGTON AVE	35	25	North	South	
22	PASSAIC	PATERSON CITY	2016	9/24/2016	No Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	0	No	Minor Arterial	PASSAIC COUNTY 639	West	639	16000639	2.85	Yes	WEBSTER AVE	25	25	South	East	
23	PASSAIC	CLIFTON CITY	2016	10/21/2016	No Control	Right Angle	Suspected Serious Injury	County	2	0	2	0	0	0	0	No	Minor Arterial	PASSAIC COUNTY 638	North	634	16000634	1.87	Yes	PATERSON AVE	25	25	North	South	
24	PASSAIC	CLIFTON CITY	2016	11/22/2016	No Control	Right Angle	Suspected Serious Injury	County	1	0	1	0	0	0	0	No	Minor Arterial	PASSAIC COUNTY 638	North	618	16000618	1.53	Yes	SR 601	25	25	South	North	
25	PASSAIC	PATERSON CITY	2017	1/23/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	0	No	Minor Arterial	PASSAIC COUNTY 600	North	630	16000630	0.40	Yes	CR 647 / GETTY AVE	25	25	South	North	
26	PASSAIC	MANAQUO BORO	2017	2/10/2017	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	3	0	1	0	0	0	0	No	Major Collector	PASSAIC COUNTY 681	North	511	00000511	20.99	Yes	HAMMILL AVE / UNION CT	35	30	North	North	
27	PASSAIC	HOMPTON LAKES BORO	2017	4/10/2017	Stop Control	Pedestrian	Suspected Serious Injury	County	3	0	0	0	0	0	0	No	Minor Collector	PASSAIC COUNTY 691	North	609	16000609	0.17	Yes	CORNING AVE / HERSHEL PARK PL	25	25	West	North	
28	PASSAIC	CLIFTON CITY	2017	7/22/2017	No Control	Fixed Object	Suspected Serious Injury	County	1	0	1	0	0	0	0	No	Not a HPMS Reportable Trafficway	PASSAIC COUNTY 624	North	624	16000624	0.17	Yes	3RD ST	30	25	North	North	
29	PASSAIC	CLIFTON CITY	2017	6/13/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	0	No	Minor Arterial	PASSAIC COUNTY 611	West	611	16000611	1.21	Yes	SECOND ST	25	25	West	North	
30	PASSAIC	WAYNE TWP	2017	5/26/2017	Stop Control	Left Turn/U Turn	Suspected Serious Injury	County	2	0	2	0	0	0	0	No	Principal Arterial - Other	ROUTE 511	North	202	00000202	60.07	Yes	CR 686 / WILSON AVE	35	25	North	North	
31	PASSAIC	CLIFTON CITY	2017	6/2/2017	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Principal Arterial - Other	PASSAIC COUNTY 681	North	681	16000681	0.01	Yes	WILSON AVE	25	25	South	West	
32	PASSAIC	WAYNE TWP	2017	8/9/2017	Traffic Signal	Fatal Injury	Fatal Injury	County	1	1	0	0	0	0	0	No	Principal Arterial - Other	PASSAIC COUNTY 681	South	681	16000681	1.01	Yes	NELLES DR / RUNNEMEDE DR	35	25	West	West	
33	PASSAIC	PATERSON CITY	2017	8/30/2017	No Control	Shove/Parked Vehicle	Fatal Injury	County	2	0	0	0	0	0	0	Yes	Principal Arterial - Other	PASSAIC COUNTY 676	West	646	16000646	2.60	Yes	WILSON AVE	25	25	West	North	
34	PASSAIC	WAYNE TWP	2017	8/24/2017	Stop Control	Left Turn/U Turn	Fatal Injury	County	2	0	0	0	0	0	0	No	Principal Arterial - Other	PASSAIC COUNTY 676	East	682	16000682	0.00	Yes	CR 630 / N 2ND ST	40	25	West	South	
35	PASSAIC	PATERSON CITY	2017	10/25/2017	Traffic Signal	Opposite Direction (Head On)	Fatal Injury	County	2	1	0	0	0	0	0	No	Minor Arterial	PASSAIC COUNTY 676	West	675	16000675	0.23	Yes	CR 626 / N 7TH ST	25	25	West	East	
36	PASSAIC	NORTH HALEWOOD BORO	2017	11/5/2017	No Control	Same Direction - Side-swipe	Suspected Serious Injury	County	3	0	3	0	0	0	0	No	Minor Arterial	PASSAIC COUNTY 676	North	676	16000676	3.13	Yes	GLEN PL	40	25	North	North	
37	PASSAIC	NORTH HALEWOOD BORO	2017	11/20/2017	Stop Control	Pedestrian	Suspected Serious Injury	County	1	1	0	0	0	0	0	No	Principal Arterial - Other	PASSAIC COUNTY 676	North	202	00000202	0.00	Yes	GLEN PL	30	25	North	North	
38	PASSAIC	PATERSON CITY	2017	11/17/2017	Stop Control	Pedestrian	Suspected Serious Injury	County	2	1	0	0	0	0	0	No	Principal Arterial - Other	PASSAIC COUNTY 681	North	681	16000681	0.35	Yes	3RD AVE / B 5TH ST	25	25	North	North	
39	PASSAIC	MANAQUO BORO	2018	1/28/2018	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	0	1	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 504	West	504	00000504	1.87	Yes	SR 601	25	25	West	West	
40	PASSAIC	WAYNE TWP	2018	1/28/2018	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	0	0	0	0	0	No	Not a HPMS Reportable Trafficway	PASSAIC COUNTY 681	South	681	16000681	0.67	Yes	MACDONALD DR	40	25	West	West	
41	PASSAIC	WAYNE TWP	2018	2/22/2018	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	0	0	0	0	No	Not a HPMS Reportable Trafficway	PASSAIC COUNTY 681	North	681	16000681	0.17	Yes	MACDONALD DR	40	25	North	North	
42	PASSAIC	WAYNE TWP	2018	4/28/2018	Traffic Signal	Right Angle	Suspected Serious Injury	County	3	0	0	0	0	0	0	No	Principal Arterial - Other	PASSAIC COUNTY 681	South	681	16000681	2.57	Yes	CR 705 / RATER RD	40	35	West	East	
43	PASSAIC	WAYNE TWP	2018	5/7/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	8	0	0	0	0	No	Not a HPMS Reportable Trafficway	PASSAIC COUNTY 681	West	646	16000646	1.55	Yes	LEXINGTON AVE	25	25	South	East	
44	PASSAIC	PATERSON CITY	2018	5/20/2018	No Control	Left Turn/U Turn	Suspected Serious Injury	County	2	0	1	0	0	0	0	No	Not a HPMS Reportable Trafficway	PASSAIC COUNTY 640	North	630	16000630	0.80	Yes	TRENTON AVE	25	25	East	North	
45	PASSAIC	PATERSON CITY	2018	6/18/2018	No Control	Left Turn/U Turn	Fatal Injury	County	1	1	0	0	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 502	West	502	00000502	0.17	Yes	CR 626 / N 2ND ST	45	45	East	North	
46	PASSAIC	PATERSON CITY	2018	6/22/2018	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	0	1	0	0	No	Not a HPMS Reportable Trafficway	PASSAIC COUNTY 630	West	649									

**PASSAIC COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
119	PASSAIC	CLIFTON CITY	2022	8/27/2022	Stop Control	Fixed Object	Suspected Serious Injury	County	1		0	1	0	0	No		Minor Arterial	PASSAIC COUNTY 702	North	702	16000792	0.38	Yes	PROSPECT ST	25	25	North	
120	PASSAIC	HAWTHORNE BORO	2022	8/13/2022	No Control	Opposite Direction (Head On)	Suspected Serious Injury	County	2		0	2	0	0	No		Minor Arterial	PASSAIC COUNTY 654	West	654	16000654	0.70	Yes	WASHINGTON AVE	25	25	West	South
121	PASSAIC	BLOOMINGDALE BORO	2022	9/25/2022	Stop Control	Fixed Object	Suspected Serious Injury	County	1		0	1	0	0	No		Minor Arterial	PASSAIC COUNTY 694 II	North	694	160006942	0.74	Yes	ELIZABETH ST	30	25	North	

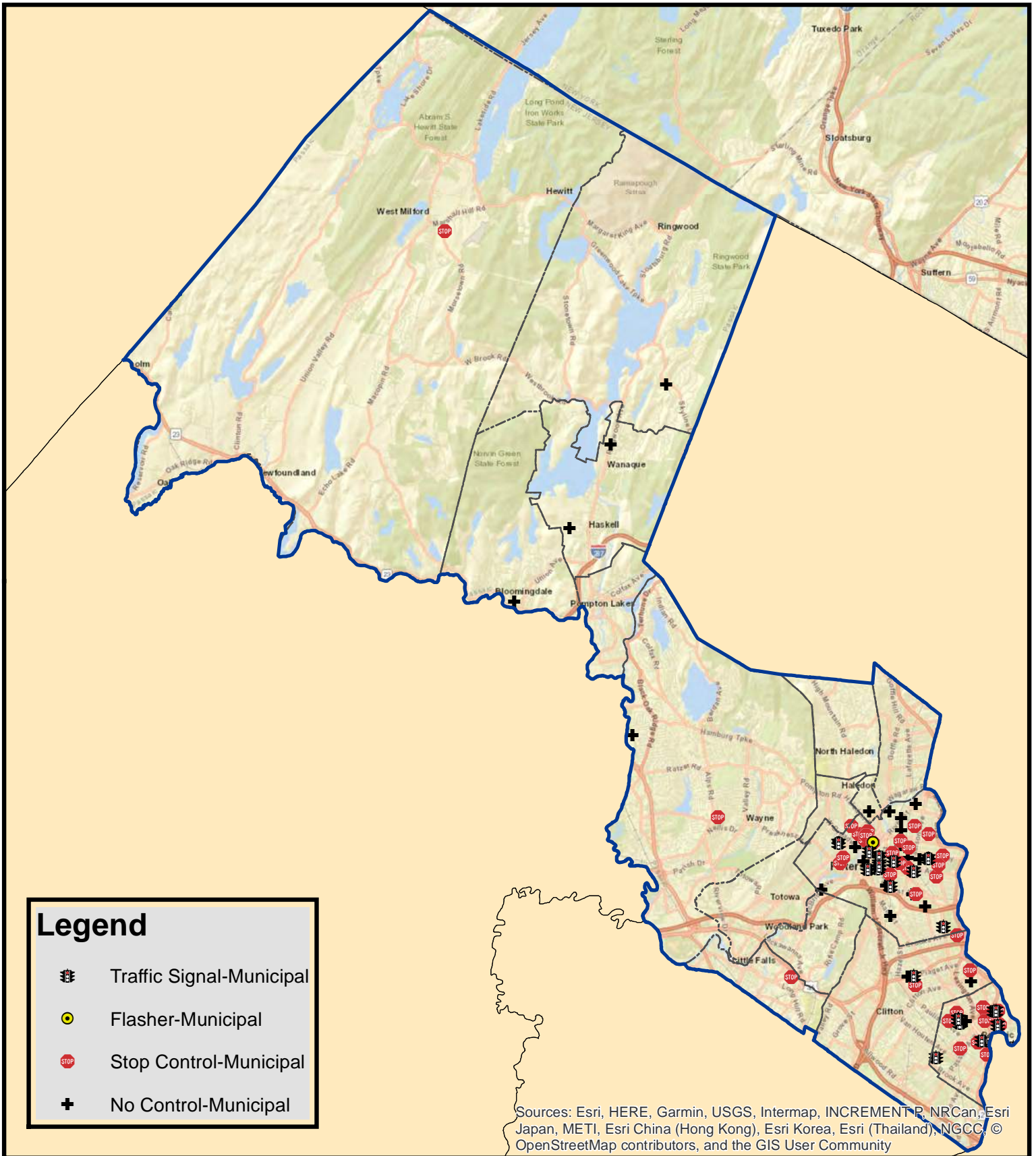
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Passaic County

Fatal and Suspected Serious Injury Crashes

At Intersections on Municipal Roadways

(2015-2022)



**PASSAIC COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction				
1	PASSAIC	BLOOMINGDALE BORO	2022	4/20/2022	No Control	Pedalcyclist	Suspected Serious Injury	Municipal	1		1	0	1	0	0	0	0	Local	REEVE AVE **	North		16011021	0.13	Yes	PLEASANT VIEW	25	25	North				
2	PASSAIC	CLIFTON CITY	2015	1/23/2015	Traffic Signal	Fixed Object	Fatal Injury	Municipal	1		1	0	1	0	0	0	0	Not a HPMS Reportable Trafficway	MONTGOMERY ST	North				Yes	RT 46	35	South					
3	PASSAIC	CLIFTON CITY	2017	4/25/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	0	0	Not a HPMS Reportable Trafficway	5TH STREET	West			Yes	UNION AVE	25	25	East					
4	PASSAIC	CLIFTON CITY	2018	5/14/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		2	0	2	0	0	0	0	Not a HPMS Reportable Trafficway	MARSHALL BLVD	West			Yes	MARSHALL BLVD	25	25	West					
5	PASSAIC	CLIFTON CITY	2018	3/24/2018	No Control	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	1	1	0	1	0	0	1	0	0	Major Collector	ACKERMAN AVE	West			Yes	16021709	0.47	Yes	ARTHUR ST	25	25	West		
6	PASSAIC	CLIFTON CITY	2019	7/17/2019	No Control	Pedalcyclist	Suspected Serious Injury	Municipal	1		1	0	1	0	0	0	0	Not a HPMS Reportable Trafficway	SEVENTH ST **	South			Yes	16021134	0.13	Yes	BARLEY AVE	25	25	East		
7	PASSAIC	CLIFTON CITY	2019	7/31/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	0	Local	E FIRST ST **	East			Yes	16021080	0.11	Yes	LOUIS ST	25	25	North		
8	PASSAIC	LITTLE FALLS TWP	2019	1/29/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	0	Major Collector	LOWERY NOTCH RD	North			Yes	16025146	0.42	Yes	OVERLOOK AVE	25	25	South		
9	PASSAIC	PASSAIC CITY	2015	4/15/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	0	0	0	0	0	0	Not a HPMS Reportable Trafficway	GREGORY AVENUE	North			Yes		0.07	Yes	OSAK ST	25	25	West		
10	PASSAIC	PASSAIC CITY	2018	7/22/2018	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1	1	0	1	0	0	0	1	Not a HPMS Reportable Trafficway	21ST ST **	North			Yes	16071395	0.08	Yes	HILSON ST	25	25	West		
11	PASSAIC	PASSAIC CITY	2018	11/9/2018	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	2	0	1	0	0	1	0	0	Minor Arterial	ELLSWORTH ST	North	619	PASSAIC COUNTY 619		Yes	16090819	0.51	Yes	DONNINGD PRINCE ST /PAUSON ST	25	25	North	
12	PASSAIC	PASSAIC CITY	2018	12/17/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	0	Minor Arterial	PASSAIC AVE	West			Yes	16071687	1.80	Yes	THIRD ST	25	25	West	East	
13	PASSAIC	PASSAIC CITY	2018	12/21/2018	Stop Control	Pedalcyclist	Suspected Serious Injury	Municipal	1		1	0	1	0	0	0	0	Local	3RD ST **	East			Yes	16071117	0.40	Yes	MERCER ST	25	25	South		
14	PASSAIC	PASSAIC CITY	2019	4/20/2019	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	Municipal	2		0	1	0	0	0	0	0	Local	OSAK ST **	East			Yes	16071175	0.21	Yes	MORTLE AVE	25	25	South	West	
15	PASSAIC	PASSAIC CITY	2019	5/4/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	3		0	3	0	0	0	0	0	Not a HPMS Reportable Trafficway	JACKSON ST	West			Yes		0.08	Yes	HOPE AVENUE	25	25	West		
16	PASSAIC	PASSAIC CITY	2019	7/7/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	1	0	2	0	0	1	0	1	Major Collector	JEFFERSON ST	West			Yes	16071218	0.00	Yes	COLUMBIA AVE	25	25	West		
17	PASSAIC	PASSAIC CITY	2019	11/25/2019	Stop Control	Encroachment	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	0	Major Collector	MORTLE AVE	South			Yes	16071212	0.28	Yes	SHERMAN ST	25	25	East	South	
18	PASSAIC	PASSAIC CITY	2019	12/29/2019	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	2	2	0	1	0	1	0	0	0	Minor Arterial	PASSAIC AVE	East			Yes	16071687	1.75	Yes	CR 618 / FAIRVIEW ST	25	25	South		
19	PASSAIC	PASSAIC CITY	2020	2/14/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	1	0	0	Local	HOWE AVE **	West			Yes	16071065	0.34	Yes	CR 618 / PAULSON AVE	25	25	West		
20	PASSAIC	PASSAIC CITY	2020	2/28/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	0	Not a HPMS Reportable Trafficway	FIRST ST	North			Yes		0.52	Yes	BERGEN STREET	25	25	West	North	
21	PASSAIC	PASSAIC CITY	2020	3/3/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	1	0	0	Major Collector	GREGORY AVE / MYRTLE AVE	South			Yes	16071212	0.52	Yes	MONROE ST	25	25	East	North	
22	PASSAIC	PASSAIC CITY	2020	3/12/2020	No Control	Pedalcyclist	Suspected Serious Injury	Municipal	2		1	0	1	0	0	0	0	Local	PASSAIC COUNTY 618	South	619			Yes	16090819	0.26	Yes	ESSEX ST	25	25	East	
23	PASSAIC	PASSAIC CITY	2021	5/7/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	0	Local	AVCRIGG AVE **	South			Yes	16071174	0.19	Yes	MEADE AVE	25	25	East		
24	PASSAIC	PASSAIC CITY	2021	5/11/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	0	Minor Arterial	GREGORY AVE / MYRTLE AVE	East			Yes	16071212	1.18	Yes	CR 607 / PENNINGTON AVE	25	25	West		
25	PASSAIC	PASSAIC CITY	2021	12/31/2021	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	0	Local	PROSPECT ST **	South			Yes	16071204	0.00	Yes	CR 613 / MAIN AVE	25	25	South		
26	PASSAIC	PASSAIC CITY	2021	8/18/2021	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2		0	0	0	0	0	0	0	Local	OSAK ST **	West			Yes	16071175	0.21	Yes	MORTLE AVE	25	25	West	North	
27	PASSAIC	PASSAIC CITY	2021	10/1/2021	Stop Control	Pedalcyclist	Suspected Serious Injury	Municipal	1		1	0	1	0	0	0	0	Major Collector	PASSAIC COUNTY 624 #1	East	624	160006242	0.27	Yes	CR 618 / PAULSON AVE	25	25	South				
28	PASSAIC	PASSAIC CITY	2021	11/12/2021	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	1	0	0	Local	HOWE AVE **	East			Yes	16071192	0.64	Yes	MADISON ST	25	25	North		
29	PASSAIC	PASSAIC CITY	2022	3/13/2022	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	0	0	0	Not a HPMS Reportable Trafficway	MORTLE ST	West			Yes		0.39	Yes	MARTHA PLACE	25	25	East		
30	PASSAIC	PATERSON CITY	2015	11/7/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	0	Not a HPMS Reportable Trafficway	BELMONT AVE	West			Yes		0.25	Yes	N 10TH ST	25	25	North	West	
31	PASSAIC	PATERSON CITY	2016	4/9/2016	Flasher/Warning	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	0	Not a HPMS Reportable Trafficway	PRESIDENTIAL BLVD	North			Yes		0.29	Yes	ARCH ST	25	25	South	North	
32	PASSAIC	PATERSON CITY	2016	4/19/2016	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	0	Not a HPMS Reportable Trafficway	PARSONS AVE	North			Yes		0.33	Yes	LIBERTY ST	25	25	West	North	
33	PASSAIC	PATERSON CITY	2016	4/16/2016	Stop Control	Right Angle	Fatal Injury	Municipal	2		1	0	0	0	0	0	0	Not a HPMS Reportable Trafficway	N 8TH ST **	South			Yes		0.33	Yes	NANTUCKET ST	25	25	North	South	
34	PASSAIC	PATERSON CITY	2016	6/11/2016	No Control	Right Angle	Fatal Injury	Municipal	5		1	2	0	0	0	0	1	Major Collector	21 ST AVE	West			Yes	16081489	0.76	Yes	E 23RD ST	25	25	South	East	
35	PASSAIC	PATERSON CITY	2016	7/27/2016	No Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	0	Not a HPMS Reportable Trafficway	JEFFERSON ST	West			Yes		0.39	Yes	GARFIELD AVE	25	25	South	North	
36	PASSAIC	PATERSON CITY	2017	1/19/2017	Stop Control	Same Direction - Rear End	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	0	1	Not a HPMS Reportable Trafficway	ROSA PARKS BLVD	West			Yes		0.29	Yes	EAST ROSA PARKS BLVD	25	25	South	South
37	PASSAIC	PATERSON CITY	2018	1/30/2018	Traffic Signal	Struck Parked Vehicle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	0	Not a HPMS Reportable Trafficway	SEVENTEENTH AVENUE	West			Yes		0.22	Yes	EAST TWENTY SECOND STREET	25	25	North		
38	PASSAIC	PATERSON CITY	2018	3/25/2018	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	2	0	1	0	1	0	0	0	Not a HPMS Reportable Trafficway	BROADWAY AVE	West			Yes	16081447	1.13	Yes	E 24TH ST	25	25	North		
39	PASSAIC	PATERSON CITY	2018	12/5/2018	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	0	0	1	Major Collector	ROSA PARKS BLVD	North			Yes	16081447	0.86	Yes	WARREN ST	25	25	North	North
40	PASSAIC	PATERSON CITY	2018	12/15/2018	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	0	0	0	0	Principal Arterial - Other	ROUTE 509	South	509	000020009	0.21	Yes	MEMORIAL DR	25	25	North				
41	PASSAIC	PATERSON CITY	2019	2/8/2019	No Control	Fixed Object	Suspected Serious Injury	Municipal	1		0	1	0	0	0	0	0	Minor Arterial	TOTOWA AVE	East			Yes	16081512	0.00	Yes	RYLE AVE	25	25	South		
42	PASSAIC	PATERSON CITY	2019	5/7/2019	No Control	Same Direction - Sideswipe	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	0	Not a HPMS Reportable Trafficway	E 37TH ST	North			Yes		0.02	Yes	24TH AVE	15	15	North	North	
43	PASSAIC	PATERSON CITY	2019	12/4/2019	Stop Control	Right Angle	Fatal Injury	Municipal	3		1	0	0	0	0	0	0	Major Collector	E 38TH ST **	South			Yes	16081108	0.18	Yes	CR 613 / 18TH ST	25	25	North	South	
44	PASSAIC	PATERSON CITY	2019	6/23/2019	No Control	Same Direction - Sideswipe	Suspected Serious Injury	Municipal	4		0	4	0	0	0	0	1	Major Collector	GOVERNOR ST	East			Yes	16081499	0.12	Yes	PILSUM PL	25	25	South	South	
45	PASSAIC	PATERSON CITY	2019	7/27/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	0	Major Collector	SUMMER ST	South			Yes	16081493	0.41	Yes	ESSEX ST	25</				

Somerset County

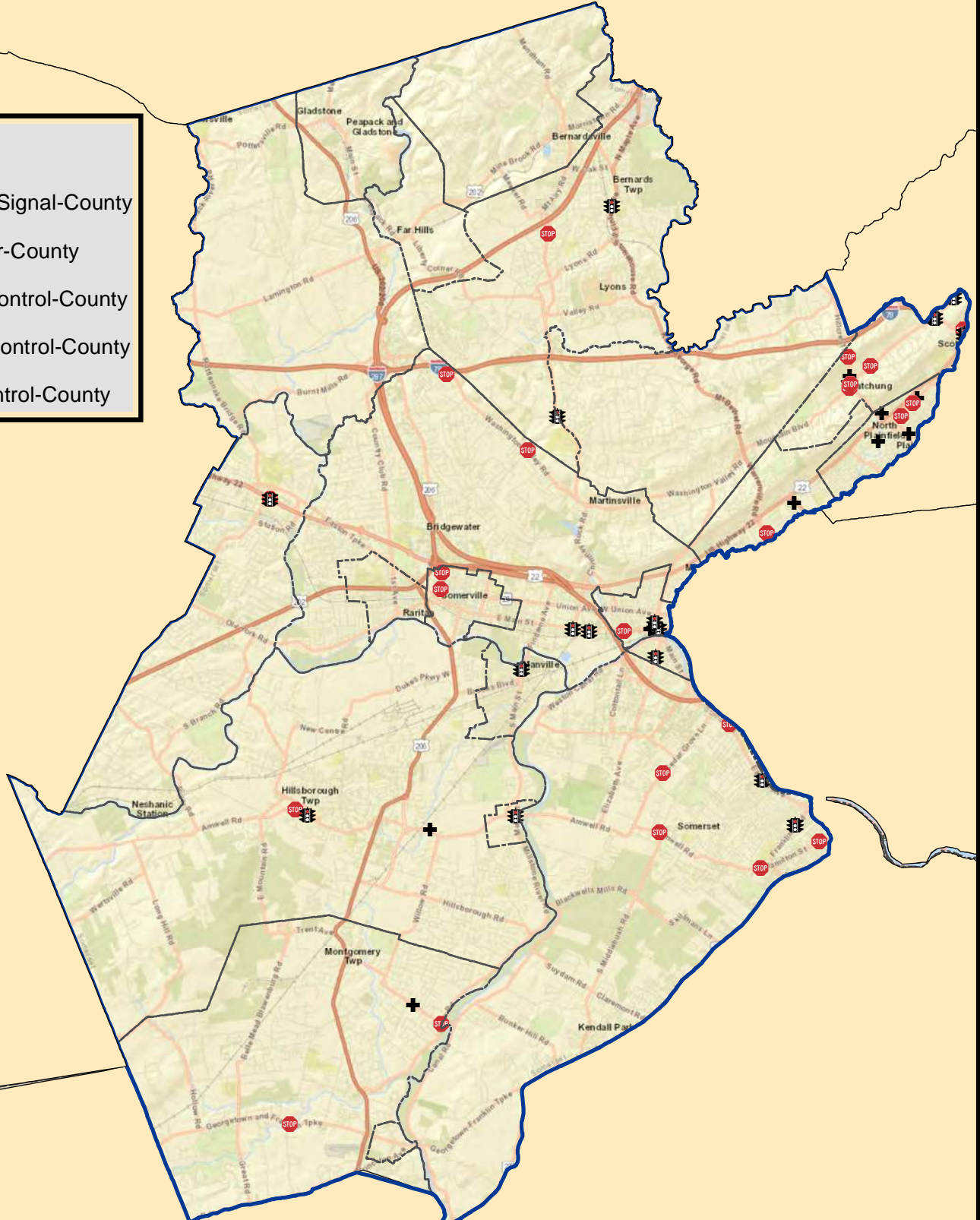
Fatal and Suspected Serious Injury Crashes

At Intersections on County Roadways

(2015-2022)

Legend

-  Traffic Signal-County
-  Flasher-County
-  Stop Control-County
-  Yield Control-County
-  No Control-County



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

SOMERSET COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	SOMERSET	GREEN BROOK TWP	2015	1/5/2015	Stop Control	Right Angle	Fatal Injury	County	2		1	1	0	0	0	No	Minor Arterial	SOMERSET COUNTY 651	North	651	18000551	0.20	Yes	CR 634 / GREEN BROOK RD / WOODLAWN	25	35	North	West
2	SOMERSET	SOUTH BOUND BROOK BORO	2015	5/10/2015	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Major Collector	SOMERSET COUNTY 610	East	610	18000610	0.59	Yes	CR 621 / ELIZABETH ST	25	25	West	East
3	SOMERSET	BOND BROOK BORO	2016	2/26/2016	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	1	0	1	0	0	No	Minor Arterial	ROUTE 527	East	527	18000527	53.48	Yes	HAMILTON ST	25	25	South	West
4	SOMERSET	HILLSBOROUGH TWP	2016	1/29/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Minor Arterial	ROUTE 514	West	514	18000514	11.20	Yes	WESTCOTE RD	45	25	East	West
5	SOMERSET	MONTGOMERY TWP	2016	1/22/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	0	No	Minor Arterial	ROUTE 518	East	518	18000518	14.92	Yes	CHERRY HILL RD	45	25	North	South
6	SOMERSET	NORTH PLAINFIELD BORO	2017	2/27/2017	Stop Control	Right Angle	Suspected Serious Injury	County	3		0	2	0	0	0	No	Minor Arterial	SOMERSET COUNTY 642	East	642	18000642	0.32	Yes	WESTERVELL AVE	35	25	North	West
7	SOMERSET	FRANKLIN TWP	2017	3/7/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Minor Arterial	SOMERSET COUNTY 620	East	620	18000620	7.77	Yes	CRH RD	40	35	North	South
8	SOMERSET	FRANKLIN TWP	2017	8/12/2017	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	No	Minor Arterial	SOMERSET COUNTY 617	North	617	18000617	1.40	Yes	HIGHLAND AVE	40	25	South	North
9	SOMERSET	MONTGOMERY TWP	2017	12/18/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	No	Major Collector	ROUTE 533	North	533	18000533	19.85	Yes	CR 630 / GREGGSDOWN RD	45	25	North	South
10	SOMERSET	MIDDLEWATER TWP	2017	11/24/2017	Traffic Signal	Left Turn/U Turn	Fatal Injury	County	2		1	2	0	0	0	No	Minor Arterial	ROUTE 533	East	533	18000533	10.93	Yes	CR 661 / FOOT HILL RD	45	25	West	South
11	SOMERSET	FRANKLIN TWP	2017	12/30/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Minor Arterial	ROUTE 534	West	534	18000534	21.20	Yes	PERWICK ST	45	25	East	West
12	SOMERSET	FRANKLIN TWP	2018	1/18/2018	Traffic Signal	Pedestrian	Fatal Injury	County	1	1	1	0	1	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 527	North	527	18000527	49.31	Yes	CR RD	45	40	North	West
13	SOMERSET	WATCHUNG BORO	2018	4/20/2018	Stop Control	Overturned	Suspected Serious Injury	County	4		0	3	0	0	0	No	Suspected Serious Injury	ROUTE 527	East	527	18000527	61.05	Yes	ROUTE 531 / HILLCREST RD	35	35	East	South
14	SOMERSET	FRANKLIN TWP	2018	6/15/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Not a HPMS Reportable Trafficway	SOMERSET COUNTY 619	North	619	18000619	0.32	Yes	BENNETT ST	40	25	South	East
15	SOMERSET	NORTH PLAINFIELD BORO	2018	7/16/2018	No Control	Opposite Direction (Head-On)	Suspected Serious Injury	County	2		0	4	0	0	0	No	Not a HPMS Reportable Trafficway	ROUTE 531	North	531	18000531	9.13	Yes	MAINTAIN AVE	25	25	East	North
16	SOMERSET	FRANKLIN TWP	2018	10/1/2018	Stop Control	Right Angle	Fatal Injury	County	2		1	2	0	0	0	No	Principal Arterial - Other	ROUTE 527	West	527	18000527	50.74	Yes	SILVER ST	45	25	East	South
17	SOMERSET	BERNARDS TWP	2019	3/6/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Minor Arterial	ROUTE 526	East	526	18000526	5.08	Yes	LAKE RD	40	25	West	North
18	SOMERSET	FRANKLIN TWP	2019	3/29/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Minor Arterial	ROUTE 517	West	517	18000517	10.74	Yes	INDUSTRIAL DR	40	25	North	South
19	SOMERSET	WATCHUNG BORO	2019	4/29/2019	No Control	Pedestrian	Suspected Serious Injury	County	1		0	1	0	0	0	No	Minor Arterial	ROUTE 531	South	531	18000531	11.09	Yes	BRIDGE LN	35	25	West	East
20	SOMERSET	NORTH PLAINFIELD BORO	2019	5/3/2019	No Control	Same Direction - Sideswipe	Suspected Serious Injury	County	2		0	1	0	0	0	No	Minor Arterial	SOMERSET COUNTY 636	West	636	18000636	1.55	Yes	ROCKVIEW TER / HARRISON AVE	35	25	West	North
21	SOMERSET	MANVILLE BORO	2019	5/7/2019	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2		0	1	0	0	0	No	Minor Arterial	ROUTE 518	South	518	18000518	26.83	Yes	CR RD / TOWLES PKWY	35	25	West	North
22	SOMERSET	WATCHUNG BORO	2019	6/24/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Minor Arterial	ROUTE 527	West	527	18000527	41.63	Yes	SUNBRIDGE ST	35	25	West	East
23	SOMERSET	WATCHUNG BORO	2019	6/26/2019	Stop Control	Right Angle	Suspected Serious Injury	County	3		0	1	0	0	0	No	Minor Arterial	ROUTE 531	North	531	18000531	11.53	Yes	HIGH OAKS DR / RIDGE RD	35	25	South	North
24	SOMERSET	WATCHUNG BORO	2019	6/26/2019	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	2		0	1	0	0	0	No	Minor Arterial	ROUTE 527	East	527	18000527	62.39	Yes	DAK WAY	40	25	South	North
25	SOMERSET	BERNARDS TWP	2019	7/20/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	0	No	Minor Arterial	ROUTE 526	East	526	18000526	4.98	Yes	ELM AVE / MOUNTAIN RD	45	35	South	North
26	SOMERSET	MILLSBORO BORO	2019	8/8/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	No	Minor Arterial	ROUTE 514	East	514	18000514	10.41	Yes	ROUTE 533 / MAIN ST	35	35	East	West
27	SOMERSET	HILLSBOROUGH TWP	2019	9/25/2019	No Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	No	Minor Arterial	ROUTE 534	East	534	18000534	14.37	Yes	N WILLOW RD	45	35	South	East
28	SOMERSET	FRANKLIN TWP	2019	10/14/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	No	Minor Arterial	ROUTE 534	East	534	18000534	23.57	Yes	HOME ST	25	25	North	South
29	SOMERSET	BERNARDS TWP	2019	11/26/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	0	No	Minor Arterial	SOMERSET COUNTY 613	West	613	18000613	2.26	Yes	LAKE RD / RIDGE HIGH SCHOOL	25	25	North	South
30	SOMERSET	BOND BROOK BORO	2019	10/17/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	1	0	1	0	0	No	Minor Arterial	ROUTE 527	South	527	18000527	3.74	Yes	CR 634	25	25	North	South
31	SOMERSET	MIDDLEWATER TWP	2020	2/20/2020	Stop Control	Right Angle	Suspected Serious Injury	County	3		0	2	0	0	0	No	Minor Arterial	SOMERSET COUNTY 620	East	620	18000620	1.28	Yes	ROSDEN DR	40	25	North	South
32	SOMERSET	MANVILLE BORO	2020	4/19/2020	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	3		0	2	0	0	0	No	Minor Arterial	ROUTE 533	West	533	18000533	26.83	Yes	CR RD / TOWLES PKWY	35	25	West	North
33	SOMERSET	WATCHUNG BORO	2020	4/28/2020	Stop Control	Same Direction - Rear End	Suspected Serious Injury	County	2		0	1	0	0	0	No	Minor Arterial	ROUTE 527	East	527	18000527	60.84	Yes	ROUTE 531 / CR 651 / SOMERSET ST	35	20	North	South
34	SOMERSET	BOND BROOK BORO	2020	5/23/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	Yes	Minor Arterial	ROUTE 527	East	527	18000527	53.48	Yes	HAMILTON ST	25	25	South	West	
35	SOMERSET	FRANKLIN TWP	2020	3/6/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Minor Arterial	SOMERSET COUNTY 617	East	617	18000617	1.40	Yes	HIGHLAND AVE	40	25	North	South
36	SOMERSET	WATCHUNG BORO	2020	8/23/2020	Stop Control	Same Direction - Rear End	Suspected Serious Injury	County	1		0	1	0	0	0	No	Minor Arterial	ROUTE 527	East	527	18000527	42.94	Yes	ROUTE 532 / CR 652 / SOMERSET ST	35	20	North	South
37	SOMERSET	SOMERVILLE BORO	2020	8/13/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	4	0	0	0	No	Major Collector	SOMERSET COUNTY 643	South	643	18000643	0.29	Yes	ALTAHANT PL / W CLIFF ST	25	25	North	West
38	SOMERSET	BOND BROOK BORO	2020	10/20/2020	No Control	Pedalcyclist	Suspected Serious Injury	County	1		1	0	1	0	0	No	Minor Arterial	ROUTE 533	East	533	18000533	32.30	Yes	JOHN ST	25	25	North	South
39	SOMERSET	WATCHUNG BORO	2020	10/26/2020	Stop Control	Right Angle	Suspected Serious Injury	County	1		0	1	0	0	0	No	Minor Arterial	ROUTE 527	South	527	18000527	61.05	Yes	ROUTE 531 / HILLCREST RD	35	25	West	East
40	SOMERSET	BOND BROOK BORO	2020	11/11/2020	Stop Control	Pedalcyclist	Suspected Serious Injury	County	1		0	1	0	0	0	No	Minor Arterial	ROUTE 533	West	533	18000533	31.70	Yes	LEMONITE AVE	35	25	West	East
41	SOMERSET	NORTH PLAINFIELD BORO	2020	11/25/2020	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	0	No	Minor Arterial	ROUTE 531	South	531	18000531	9.91	Yes	HANNING LN	25	25	East	West
42	SOMERSET	SOMERVILLE BORO	2020	12/26/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	0	No	Major Collector	SOMERSET COUNTY 643	East	643	18000643	0.64	Yes	DAK TER	25	25	West	East
43	SOMERSET	NORTH PLAINFIELD BORO	2021	3/2/2021	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	0	No	Minor Arterial	SOMERSET COUNTY 640	West	640	18000640	0.70	Yes	WINDING DR	35	25	West	East
44	SOMERSET	WATCHUNG BORO	2021	3/26/2021	Stop Control	Same Direction - Rear End	Suspected Serious Injury	County	2		0	1	0	0	0	No	Minor Arterial	ROUTE 527	West	527	18000527	60.84	Yes	ROUTE 532 / CR 652 / SOMERSET ST	35	25	West	East
45	SOMERSET	WATCHUNG BORO	2021	10/5/2021	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2		0	1	0	0	0	No	Minor Arterial	SOMERSET COUNTY 655	East	655	18000655	0.00	Yes	CR 620 / BONNIE BURN RD	35	35	West	South
46	SOMERSET	WATCHUNG BORO	2021	10/20/2021	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2		0	1	0	0	0	No	Minor Arterial	SOMERSET COUNTY 655	East	655	18000655	0.00	Yes	CR 620 / BONNIE BURN RD	35	35	West	South
47	SOMERSET	WATCHUNG BORO	2021	10																								

Somerset County

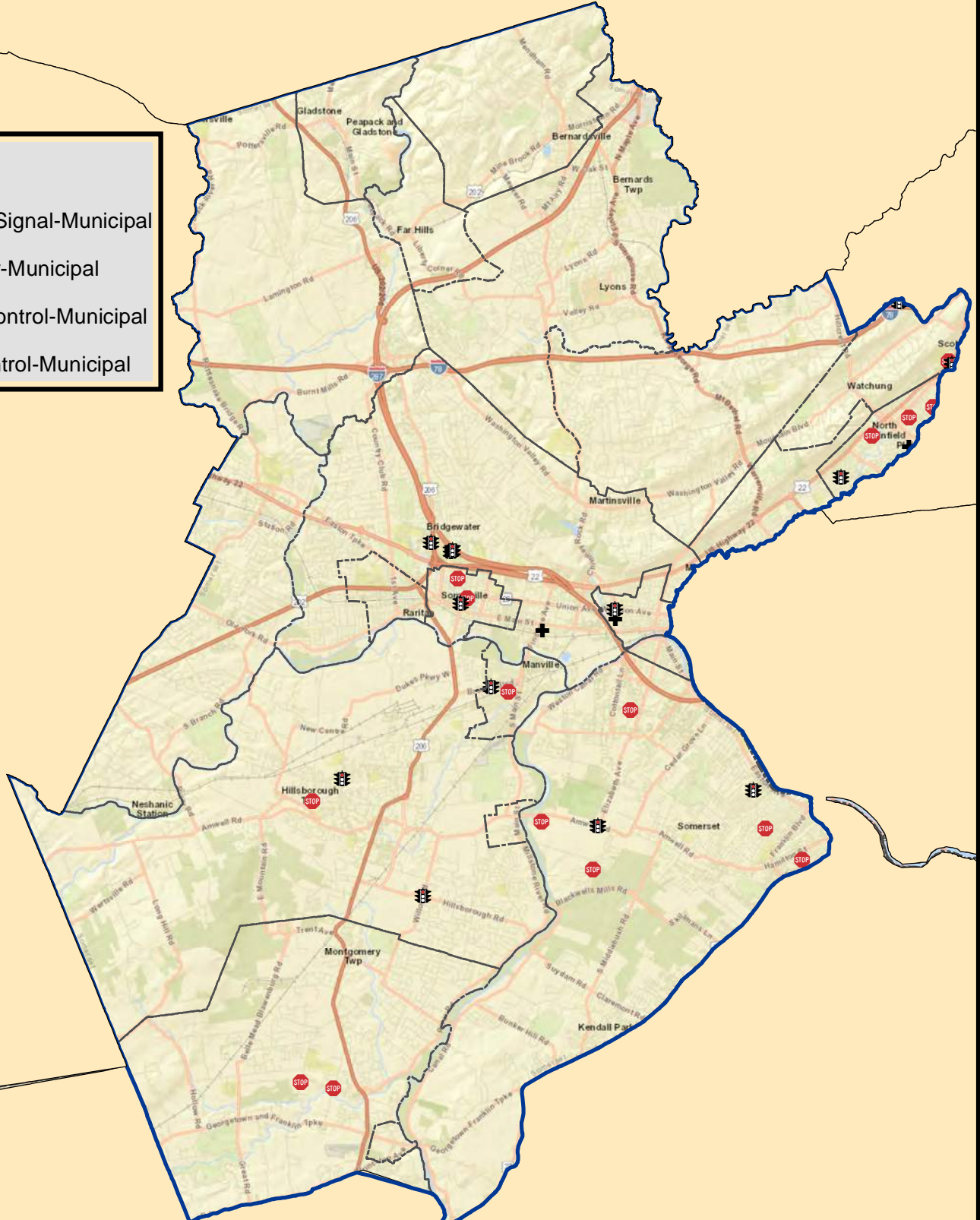
Fatal and Suspected Serious Injury Crashes

At Intersections on Municipal Roadways

(2015-2022)

Legend

-  Traffic Signal-Municipal
-  Flasher-Municipal
-  Stop Control-Municipal
-  No Control-Municipal



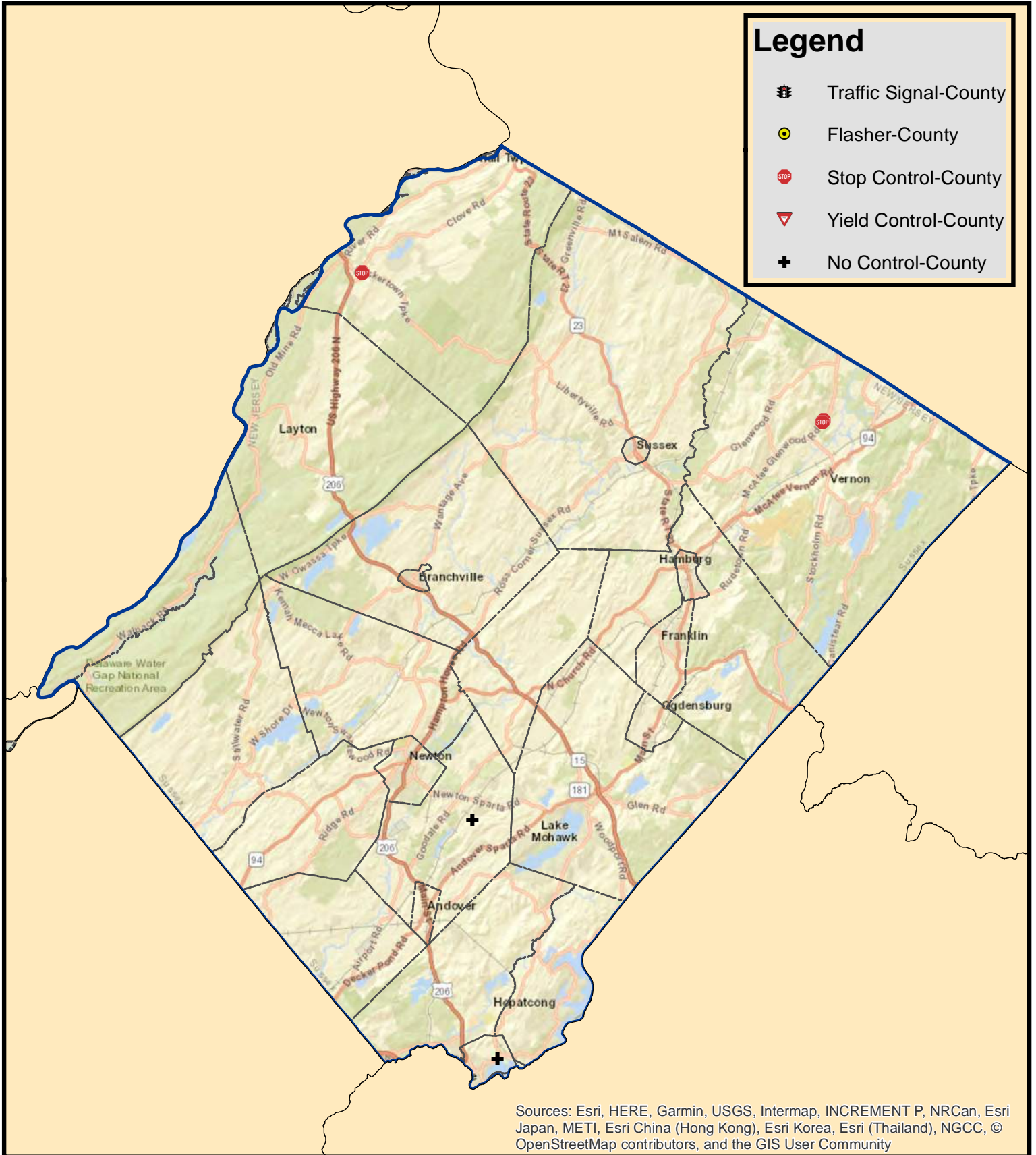
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**SOMERSET COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	
1	SOMERSET	BOUNDBROOK BORO	2019	8/11/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	2	1	0	1	0	1	No		Major Collector	E HIGH ST	South		18041077	1.34	Yes	NI 28 / W UNION AVE	25	35	East	North	
2	SOMERSET	BOUNDBROOK BORO	2022	11/17/2022	No Control	Struck Parked Vehicle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Major Collector	E HIGH ST / THOMPSON AVE / W HIGH ST	South		18041077	1.11	Yes	EVERGREEN AVE	25	25	East	East	
3	SOMERSET	BRIDGEWATER TWP	2015	7/22/2015	Traffic Signal	Pedalcyclist	Suspected Serious Injury	Municipal	1		1	0	1	0	No		Not a HPMS Reportable Trafficway	COMMONS WAY	West				Yes	PRINCE ROGERS AVENUE	35	35	West	East	
4	SOMERSET	BRIDGEWATER TWP	2016	6/18/2016	Traffic Signal	Left Turn/Right Turn	Suspected Serious Injury	Municipal	2		0	3	0	0	No		Not a HPMS Reportable Trafficway	COMMONS WAY	West				Yes	SOMERSET CEMETARY BLVD	35	25	East	North	
5	SOMERSET	BRIDGEWATER TWP	2019	1/4/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No		Local	COMMONS WAY **	West			18061444	0.17	Yes	CROSSING BLVD	35	25	West	West
6	SOMERSET	BRIDGEWATER TWP	2022	4/2/2022	No Control	Pedalcyclist	Fatal Injury	Municipal	1		1	0	0	0	No		Local	THIRD ST **	West			18061350	0.09	Yes	FULTON AVE	25	25	North	North
7	SOMERSET	FRANKLIN TWP	2016	8/29/2016	Traffic Signal	Pedalcyclist	Fatal Injury	Municipal	1		1	0	0	0	No		Minor Arterial	ROUTE 314	South	314	00000314	18.22	Yes	CR 912 / ELIZABETH AVE	25	30	West	East	
8	SOMERSET	FRANKLIN TWP	2017	8/29/2017	Stop Control	Right Angle	Fatal Injury	Municipal	2		1	2	0	0	No		Not a HPMS Reportable Trafficway	ADAMS ST	West				Yes	GRAND AVE	25	30	South	East	
9	SOMERSET	FRANKLIN TWP	2018	3/2/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	3	0	0	No		Not a HPMS Reportable Trafficway	VAN CLEEF RD	West				Yes	DEREK PL	30	25	South	East	
10	SOMERSET	FRANKLIN TWP	2018	6/17/2018	Traffic Signal	Minor Involvement	Suspected Serious Injury	Municipal	1	1		1	0	0	No		Not a HPMS Reportable Trafficway	CLYDE RD / JOHN J. KINNEBY BLVD	South			18081055	0.28	Yes	NEW BRUNSWICK RD	25	30	West	West
11	SOMERSET	FRANKLIN TWP	2019	1/16/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Local	45V ST **	West			18081211	0.19	Yes	NEWPORT AVE	25	25	East	West
12	SOMERSET	FRANKLIN TWP	2019	3/13/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Local	BELMONT DR **	West			18081128	0.63	Yes	PERCE ST	45	30	West	North
13	SOMERSET	FRANKLIN TWP	2019	4/14/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	3	0	0	No		Local	WORTMAN ST **	West			18081101	0.18	Yes	WELSH LN	25	25	West	East
14	SOMERSET	HILLSBOROUGH TWP	2018	10/24/2018	Traffic Signal	Left Turn/Right Turn	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Minor Collector	AUSTIN RD	West			18101019	0.20	Yes	TRAVIS RD	40	40	North	East
15	SOMERSET	HILLSBOROUGH TWP	2019	6/6/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Minor Collector	BEISMAN RD	West			18101024	0.34	Yes	NEW ANSWELL RD	40	35	West	North
16	SOMERSET	HILLSBOROUGH TWP	2022	1/22/2022	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Local	WILLOW RD **	West			18111050	0.01	Yes	HILLSBOROUGH RD	45	40	North	North
17	SOMERSET	MANVILLE BORO	2017	3/2/2017	Stop Control	Pedestrian	Fatal Injury	Municipal	1	1		0	1	0	Yes		Not a HPMS Reportable Trafficway	SETH AVE **	North			18111053	0.00	Yes	WASHINGTON AVE	25	25	North	West
18	SOMERSET	MANVILLE BORO	2019	1/29/2019	Traffic Signal	Left Turn/Right Turn	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Not a HPMS Reportable Trafficway	BRUNSWICK AVE	West			18111055	0.79	Yes	WILLOW AVE	25	25	North	East
19	SOMERSET	MONTGOMERY TWP	2017	1/26/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	4	0	0	No		Not a HPMS Reportable Trafficway	BURNETT HILL ROAD	North			18111056	0.00	Yes	ORCHARD ROAD	35	35	West	North
20	SOMERSET	MONTGOMERY TWP	2018	10/1/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	Yes		Local	ORCHARD RD **	West			18111053	0.60	Yes	OPUSSUM AVE	35	35	North	West
21	SOMERSET	NORTH PLAINFIELD BORO	2015	11/10/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Not a HPMS Reportable Trafficway	CRANFORD AVE	West			18111054	0.00	Yes	WILLOW AVENUE	25	25	West	East
22	SOMERSET	NORTH PLAINFIELD BORO	2018	3/22/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Not a HPMS Reportable Trafficway	CRANFORD AVE	North			18111054	0.00	Yes	WILLOW AVENUE	25	25	West	West
23	SOMERSET	NORTH PLAINFIELD BORO	2020	4/21/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	3		0	2	0	0	No		Local	HARRISON AVE **	South			18111038	0.11	Yes	WALNUT ST	25	25	North	West
24	SOMERSET	NORTH PLAINFIELD BORO	2022	5/3/2022	No Control	Pedalcyclist	Suspected Serious Injury	Municipal	1		1	0	1	0	No		Local	CRANG PL **	South			18141076	0.05	Yes	DUER ST	25	25	West	North
25	SOMERSET	NORTH PLAINFIELD BORO	2022	6/2/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	No		Local	FARRAGUT RD / REEFREE PL **	North			18141133	0.03	Yes	BRICK AVE	25	25	South	North
26	SOMERSET	NORTH PLAINFIELD BORO	2022	9/15/2022	Traffic Signal	Opposite Direction (Head-On)	Suspected Serious Injury	Municipal	2		0	3	0	0	No		Major Collector	CLINTON AVE	East			18141363	0.38	Yes	CR 181 / GREENBROOK RD	35	35	South	West
27	SOMERSET	SOMERVILLE BORO	2015	5/14/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	3	0	0	Yes		Minor Arterial	GRAND ST	West			18151157	0.24	Yes	EAST CLIFF STREET	25	25	South	East
28	SOMERSET	SOMERVILLE BORO	2017	2/3/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Not a HPMS Reportable Trafficway	DAVENPORT ST	West			18151262	0.47	Yes	ORCHARD ST	25	25	North	West
29	SOMERSET	SOMERVILLE BORO	2019	6/28/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	1		0	2	0	0	No		Local	E CLIFF ST **	West			18151262	0.47	Yes	GRAND ST	25	25	South	East
30	SOMERSET	SOMERVILLE BORO	2019	6/23/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Local	E CLIFF ST **	West			18151262	0.47	Yes	GRAND ST	25	25	South	East
31	SOMERSET	SOMERVILLE BORO	2020	12/1/2020	Traffic Signal	Pedalcyclist	Suspected Serious Injury	Municipal	1		1	0	1	0	Yes		Major Collector	E HIGH ST / W HIGH ST	South			18181099	0.48	Yes	N BRIDGE ST	25	25	North	North
32	SOMERSET	WATCHUNG BORO	2020	3/30/2020	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Not a HPMS Reportable Trafficway	BONNIE BURK RD / PLAINFIELD RD / CR 641	North			18211099	1.79	Yes	DRIFT RD	25	30	West	North
33	SOMERSET	WATCHUNG BORO	2021	11/26/2021	Traffic Signal	Left Turn/Right Turn	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Minor Arterial	TERRILL RD	North			18211099	0.07	Yes	SHOPPING CENTER	35	50	North	East
34	SOMERSET	WATCHUNG BORO	2022	3/19/2022	Stop Control	Same Direction - Rear End	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Minor Arterial	TERRILL RD	West			18211099	0.00	Yes	US 22	25	50	West	West
35	SOMERSET	WATCHUNG BORO	2022	6/27/2022	Stop Control	Same Direction - Rear End	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Minor Arterial	TERRILL RD	West			18211099	0.00	Yes	US 22	25	50	West	West
36	SOMERSET	WATCHUNG BORO	2022	9/14/2022	Stop Control	Same Direction - Rear End	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Minor Arterial	TERRILL RD	North			18211099	0.00	Yes	US 22	25	50	North	North

Unmapped

Sussex County Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)



SUSSEX COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS

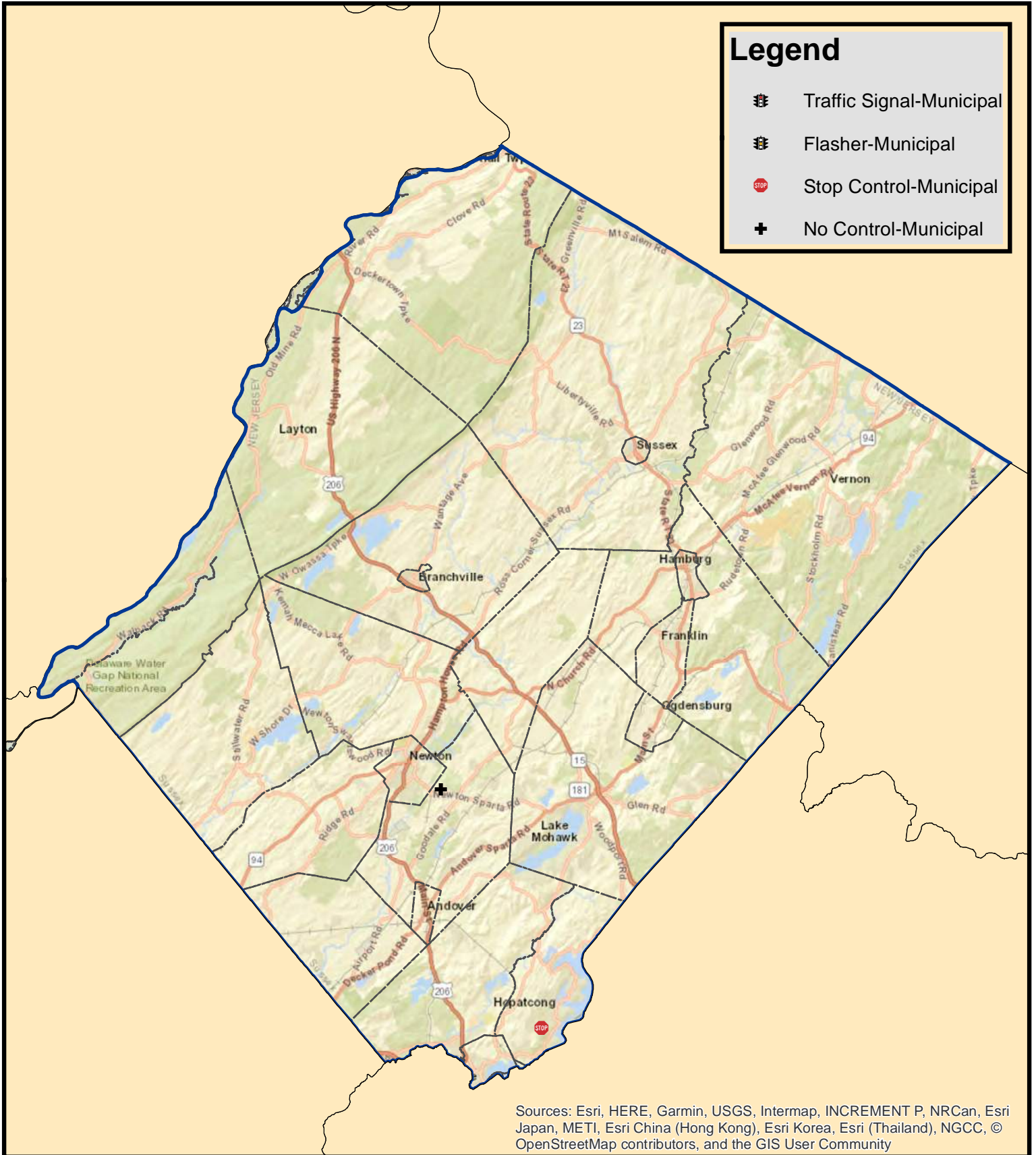
County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	SUSSEX	MONTAGUE TWP	2016	8/19/2016	Stop Control	Overtaken	County	1	0	0	0	1	0	0	No		Major Collector	SUSSEX COUNTY 650	North	650	1900650	0.68	Yes	CR 653 / CLOVE RD	35	45	North	
2	SUSSEX	VERNON TWP	2018	7/26/2018	Stop Control	Right Angle	County	2	0	0	4	0	0	0	No		Not a HPMS Reportable Trafficway	COUNTY ROUTE 617				1.48	Yes	HUNGBERRY HOLLOW ROAD	35	35	South	North
3	SUSSEX	MONTAGUE TWP	2020	3/21/2020	Stop Control	Right Angle	County	3	0	0	1	0	0	0	No		Major Collector	SUSSEX COUNTY 653	North	653	1900653	0.53	Yes	CR 650 / DECKERTOWN PK	45	45		
4	SUSSEX	ANDOVER TWP	2020	6/26/2020	No Control	Overtaken	County	1	0	0	1	0	0	0	No		Major Collector	SUSSEX COUNTY 668	East	668	1900668	1.02	Yes	OTTIE RD	35	35	South	
5	SUSSEX	VERNON TWP	2020	11/22/2020	No Control	Right Angle	County	2	0	0	2	0	0	0	Yes		Major Collector	ROUTE 517	North	517	1900517	1.48	Yes	LOUISBERY HOLLOW RD / MAPLE GRANGE	35	35		
6	SUSSEX	STANHOPE BORO	2021	10/4/2021	No Control	Pedestrian	County	1	0	0	1	0	0	0	No		Minor Arterial	SUSSEX COUNTY 602	West	602	1900602	1.06	Yes	SPRING ST	35	35	West	

Sussex County

Fatal and Suspected Serious Injury Crashes

At Intersections on Municipal Roadways

(2015-2022)

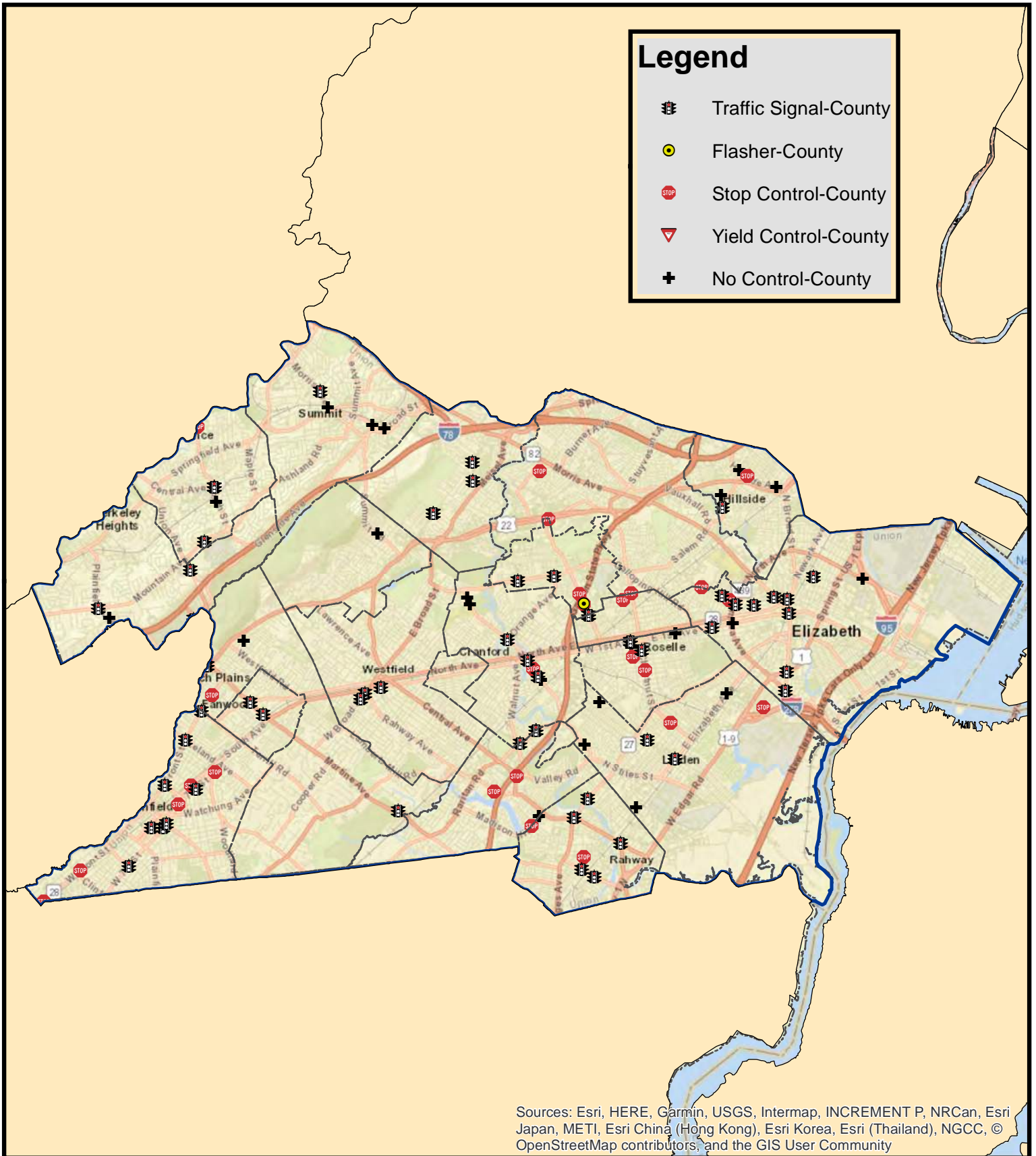


SUSSEX COUNTY
 FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
 AT INTERSECTIONS ON MUNICIPAL ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	
1	SUSSEX	ANDOVER TWP	2018	5/26/2018	No Control	Overturned	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Not a HPMS Reportable Trafficway	KNOX ROAD	North					Yes	SUNSET TERRACE (DRAKE MANOR)	25		North	
2	SUSSEX	HOPATCONG BORO	2021	8/16/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	3		0	1	0	0	No		Minor Collector	BROOKLYN MOUNTAIN TRAIL RD	South		19121262	0.48	Yes	DURBAN AVE	25	25			

Union County

Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)

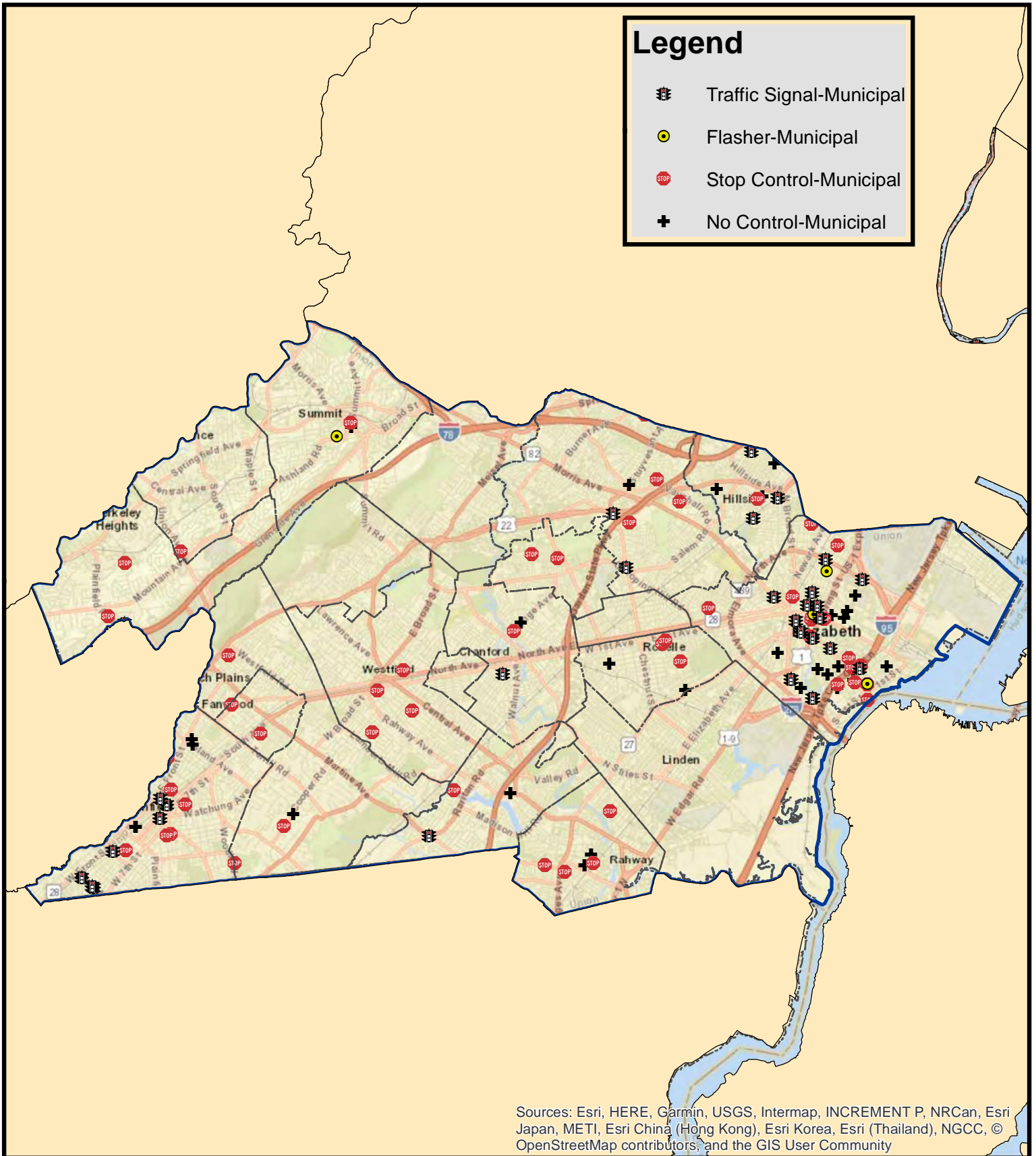


UNION COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	UNION	LINDEN CITY	2015	5/17/2015	No Control	Fixed Object	Fatal Injury	County	2		1	0	0	0	No		Minor Arterial	ROUTE 514	East	514	00000514	39.65	Yes	LEXINGTON AVE	25	25	South	East
2	UNION	NEW PROVIDENCE BORO	2015	8/31/2015	No Control	Fatal Injury	Suspected Serious Injury	County	2		1	0	0	0	No		Minor Arterial	ROUTE 514	South	647	20000647	1.19	Yes	SOUTHGATE RD	35	35	West	East
3	UNION	SCOTCH PLAINS TWP	2015	9/22/2015	No Control	Same Direction - Rear End	Suspected Serious Injury	County	3		0	3	0	0	No		Major Collector	UNION COUNTY 634	West	634	20000634	0.11	Yes	W 3RD AVE	35	25	West	West
4	UNION	CRANFORD TWP	2015	10/28/2015	No Control	Fatal Injury	Fatal Injury	County	1	1	0	0	0	0	No		Principal Arterial - Other	UNION COUNTY 618	West	618	20000618	0.0	Yes	FRANKLIN BLVD	35	35	North	East
5	UNION	LINDEN CITY	2015	11/23/2015	No Control	Left Turn/U Turn	Fatal Injury	County	2		0	0	0	0	Yes		Minor Arterial	ROUTE 514	West	514	00000514	42.14	Yes	MCKINLEY ST	25	25	West	South
6	UNION	ELIZABETH CITY	2016	3/27/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	No		Minor Arterial	UNION COUNTY 622	South	622	20000622	1.34	Yes	W GRAND ST	25	25	East	South
7	UNION	CLARK TWP	2016	6/19/2016	Stop Control	Right Angle	Suspected Serious Injury	County	3		0	2	0	0	No		Minor Arterial	UNION COUNTY 606	East	606	20000606	4.16	Yes	EMERALD PL / WILSON DR	25	25	South	North
8	UNION	CRANFORD TWP	2016	8/26/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	UNION COUNTY 615	West	615	20000615	8.07	Yes	FRANKLIN BLVD	25	25	East	South
9	UNION	ELIZABETH CITY	2016	9/27/2016	No Control	Fatal Injury	Fatal Injury	County	2		0	1	0	0	No		Minor Arterial	UNION COUNTY 615	West	624	20000624	8.07	Yes	FRANKLIN BLVD	25	25	East	South
10	UNION	CRANFORD TWP	2016	11/27/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1		0	1	0	1	No		Minor Arterial	UNION COUNTY 610	East	610	20000610	5.61	Yes	CENTENNIAL AVE	25	25	North	South
11	UNION	ROSELLE PARK BORO	2016	12/14/2016	Stop Control	Right Angle	Suspected Serious Injury	County	3		0	3	0	0	No		Minor Collector	UNION COUNTY 627	East	627	20000627	0.09	Yes	E SUMNER AVE / W SUMNER AVE	25	25	East	South
12	UNION	UNION TWP	2016	12/26/2016	No Control	Fixed Object	Fatal Injury	County	1		0	1	0	0	No		Minor Arterial	ROUTE 512	West	512	00000512	31.97	Yes	W 15TH AVE	35	35	West	West
13	UNION	PLAINFIELD CITY	2017	1/18/2017	Traffic Signal	Right Angle	Suspected Serious Injury	County	1		0	1	0	1	No		Minor Arterial	UNION COUNTY 620	East	620	20000620	0.04	Yes	NORWOOD AVE / RICHMOND ST	25	30	East	South
14	UNION	RAHWAY CITY	2017	4/9/2017	Traffic Signal	Fixed Object	Suspected Serious Injury	County	1		0	1	0	0	No		Major Collector	UNION COUNTY 621	West	621	20000621	0.36	Yes	WILSONS ST	25	25	West	West
15	UNION	LINDEN CITY	2017	7/18/2017	Traffic Signal	Right Angle	Suspected Serious Injury	County	1		0	1	0	0	No		Minor Arterial	UNION COUNTY 618	West	633	20000633	0.08	Yes	CRANFORD BLVD	25	25	West	West
16	UNION	UNION TWP	2017	9/13/2017	Stop Control	Fixed Object	Suspected Serious Injury	County	1		0	1	0	0	No		Major Collector	UNION COUNTY 615	West	633	20000633	0.08	Yes	CRANFORD BLVD	25	25	West	West
17	UNION	LINDEN CITY	2017	6/13/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	Yes		Local	UNION COUNTY 616	South	616	20000616	0.85	Yes	KLEM AVE	25	25	East	South
18	UNION	LINDEN CITY	2018	1/27/2018	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	No		Not a HHS Reportable Trafficway	UNION COUNTY 612	South	617	20000617	2.06	Yes	WILSONS ST	25	25	East	West
19	UNION	NEW PROVIDENCE BORO	2018	6/5/2018	No Control	Same Direction - Rear End	Suspected Serious Injury	County	2		0	1	0	0	No		Not a HHS Reportable Trafficway	UNION COUNTY 622	East	622	20000622	2.55	Yes	SOUTHGATE RD	45	35	South	South
20	UNION	LINDEN CITY	2018	8/15/2018	No Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	UNION COUNTY 615	North	615	20000615	2.09	Yes	ELMWOOD TER	25	25	North	South
21	UNION	ELIZABETH CITY	2018	9/15/2018	Traffic Signal	Right Angle	Suspected Serious Injury	County	7		0	3	0	0	Yes		Major Collector	UNION COUNTY 618	North	658	20000658	0.48	Yes	FARMGROVE AVE	25	25	North	West
22	UNION	LINDEN CITY	2018	9/20/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Major Collector	UNION COUNTY 619	North	619	20000619	0.44	Yes	MIDDLESEX ST	25	25	North	West
23	UNION	NEW PROVIDENCE BORO	2018	10/17/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Not a HHS Reportable Trafficway	UNION COUNTY 647	North	647	20000647	2.14	Yes	COMMONWEALTH AVE	35	24	North	West
24	UNION	HILLSIDE TWP	2018	12/24/2018	No Control	Right Angle	Suspected Serious Injury	County	3		0	1	0	0	No		Minor Arterial	ROUTE 509	South	509	00000509	8.29	Yes	HIAMATHIA AVE	25	25	West	South
25	UNION	PLAINFIELD CITY	2019	1/23/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Principal Arterial - Other	NI 28	28	00000028	15.97	Yes	BERKMAN ST	30	25	South	North	
26	UNION	PLAINFIELD CITY	2019	2/27/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1		0	1	0	0	No		Minor Arterial	UNION COUNTY 603	East	601	20000601	0.01	Yes	GRANT AVE	35	30	South	South
27	UNION	PLAINFIELD CITY	2019	3/20/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	0	0	0	No		Principal Arterial - Other	UNION COUNTY 603	South	601	20000601	2.35	Yes	BERKMAN ST	35	35	East	East
28	UNION	CRANFORD TWP	2019	3/22/2019	Traffic Signal	Pedestrian	Fatal Injury	County	1		1	0	1	0	No		Minor Arterial	UNION COUNTY 611	East	615	20000615	3.54	Yes	LINDEN AVE	25	25	East	West
29	UNION	PLAINFIELD CITY	2019	3/29/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1		0	1	0	1	No		Minor Arterial	UNION COUNTY 603	East	601	20000601	1.57	Yes	ROUTE 583 / PARK AVE	30	25	East	South
30	UNION	CRANFORD TWP	2019	3/30/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1		0	1	0	0	No		Minor Arterial	UNION COUNTY 603	East	635	20000635	0.07	Yes	CRANFORD BLVD	35	25	East	South
31	UNION	KENILWORTH BORO	2019	4/19/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1		0	1	0	0	No		Minor Arterial	UNION COUNTY 606	East	509	00000509	8.29	Yes	CRANFORD BLVD	35	30	East	South
32	UNION	KENILWORTH BORO	2019	4/19/2019	Flasher/Warning	Other	Suspected Serious Injury	County	2		0	2	0	0	No		Minor Arterial	UNION COUNTY 617	West	617	20000617	5.52	Yes	FARFIELD AVE	25	25	East	West
33	UNION	ELIZABETH CITY	2019	4/20/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1		0	1	0	0	No		Not a HHS Reportable Trafficway	UNION COUNTY 612	East	623	20000623	0.03	Yes	MADISON AVENUE	25	25	North	West
34	UNION	PLAINFIELD CITY	2019	4/20/2019	Stop Control	Right Angle	Suspected Serious Injury	County	1		0	1	0	0	No		Principal Arterial - Other	UNION COUNTY 617	East	617	20000617	3.72	Yes	WILSONS ST	25	25	West	North
35	UNION	KENILWORTH BORO	2019	4/20/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Principal Arterial - Other	UNION COUNTY 617	East	617	20000617	3.72	Yes	WILSONS ST	25	25	West	North
36	UNION	SCOTCH PLAINS TWP	2019	5/22/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1		0	1	0	1	No		Minor Arterial	UNION COUNTY 611	North	611	20000611	3.54	Yes	CR 626 / FRONT ST	35	35	East	West
37	UNION	MIDDLETOWN BORO	2019	6/19/2019	No Control	Fatal Injury	Fatal Injury	County	1		1	0	0	0	No		Minor Arterial	UNION COUNTY 644	North	644	20000644	0.01	Yes	CR 644	40	25	North	West
38	UNION	HILLSIDE TWP	2019	6/19/2019	No Control	Fatal Injury	Fatal Injury	County	1		0	1	0	0	No		Minor Arterial	UNION COUNTY 611	East	631	20000631	0.01	Yes	CR 611	25	25	East	West
39	UNION	PLAINFIELD CITY	2019	11/2/2019	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	2		0	1	0	0	No		Principal Arterial - Other	NI 28	28	00000028	14.97	Yes	CENTRAL AVE	25	25	West	West	
40	UNION	PLAINFIELD CITY	2019	11/2/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Principal Arterial - Other	NI 28	28	00000028	12.49	Yes	HAMILTON AVE	35	25	West	West	
41	UNION	PLAINFIELD CITY	2019	11/2/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	3		0	1	0	0	No		Principal Arterial - Other	UNION COUNTY 613	East	613	20000613	0.43	Yes	NI 27 / ST GEORGES AVE	35	30	South	East
42	UNION	SPRINGFIELD TWP	2019	7/16/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1		0	1	0	1	No		Minor Arterial	UNION COUNTY 638	South	635	20000635	1.67	Yes	CR 644/SHENANDOAH/OAKLAND AVE / S	35	25	North	East
43	UNION	SCOTCH PLAINS TWP	2019	8/7/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	4	0	0	No		Minor Arterial	UNION COUNTY 620	South	620	20000620	2.78	Yes	HUNTER AVE	35	25	East	West
44	UNION	BERKELEY HEIGHTS TWP	2019	8/26/2019	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2		0	2	0	0	No		Minor Collector	UNION COUNTY 640	North	640	20000640	0.00	Yes	CR 656 / DIAMOND HILL RD	40	25	North	East
45	UNION	SPRINGFIELD TWP	2019	9/12/2019	Traffic Signal	Fixed Object	Suspected Serious Injury	County	1		0	0	2	0	No		Minor Arterial	UNION COUNTY 618	West	613	20000613	6.18	Yes	ROUTE 5 / WINDY HILL RD	25	25	West	West
46	UNION	SPRINGFIELD TWP	2019	9/7/2019	Traffic Signal	Fixed Object	Suspected Serious Injury	County	1		0	1	0	0	No		Minor Arterial	UNION COUNTY 636	East	635	20000635	1.67	Yes	CR 636 / SPRINGFIELD RD	35	25	South	East
47	UNION	KENILWORTH BORO	2019	9/18/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	ROUTE 509	East	509	00000509	3.37	Yes	COLUMBIA AVE / N 8TH ST	25	25	South	East
48	UNION	SUMMIT CITY	2019	9/22/2019	No Control	Pedestrian	Fatal Injury	County	1	1	0	1	0	0	No		Minor Arterial	ROUTE 512	West	512	00000512	32.04	Yes	PARK PL	40	25	South	West
49	UNION	CRANFORD TWP	2019	10/1/2019	No Control	Pedestrian	Fatal Injury	County	1		0	1	0	0	No		Major Collector	UNION COUNTY 615	North	615	20000615	5.29	Yes	FRANKLIN BLVD	35	35	North	West
50	UNION	ROSELLE PARK BORO	2019	10/23/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1		0	1	0	0	No		Not a HHS Reportable Trafficway	UNION COUNTY 612	North	619	20000619	0.00	Yes	WEST GRANT AVE	25	25	West	East
51	UNION	RAHWAY CITY	2019	10/27/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	No		Minor Arterial	UNION COUNTY 652	East	652	20000652	0.00	Yes	NI 27 / ST GEORGES AVE	25	35	South	East
52	UNION	ELIZABETH CITY	2019	10/29/2019	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	4		0	3	0	0	No		Minor Arterial	UNION COUNTY 626	South	628	20000628	0.89	Yes	W 5 / W 6 / W 7	25	20	East	West
53	UNION	ROSELLE BORO	2019	10/28/2019	No Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Major Collector	UNION COUNTY 608	South	608	20000608	0.30	Yes	WILSONS ST	25	25	East	West
54	UNION	RAHWAY CITY	2019	10/28/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Major Collector	UNION COUNTY 608	South	628	20000628	0.30	Yes	WILSONS ST	25			

Union County

Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

**UNION COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS**

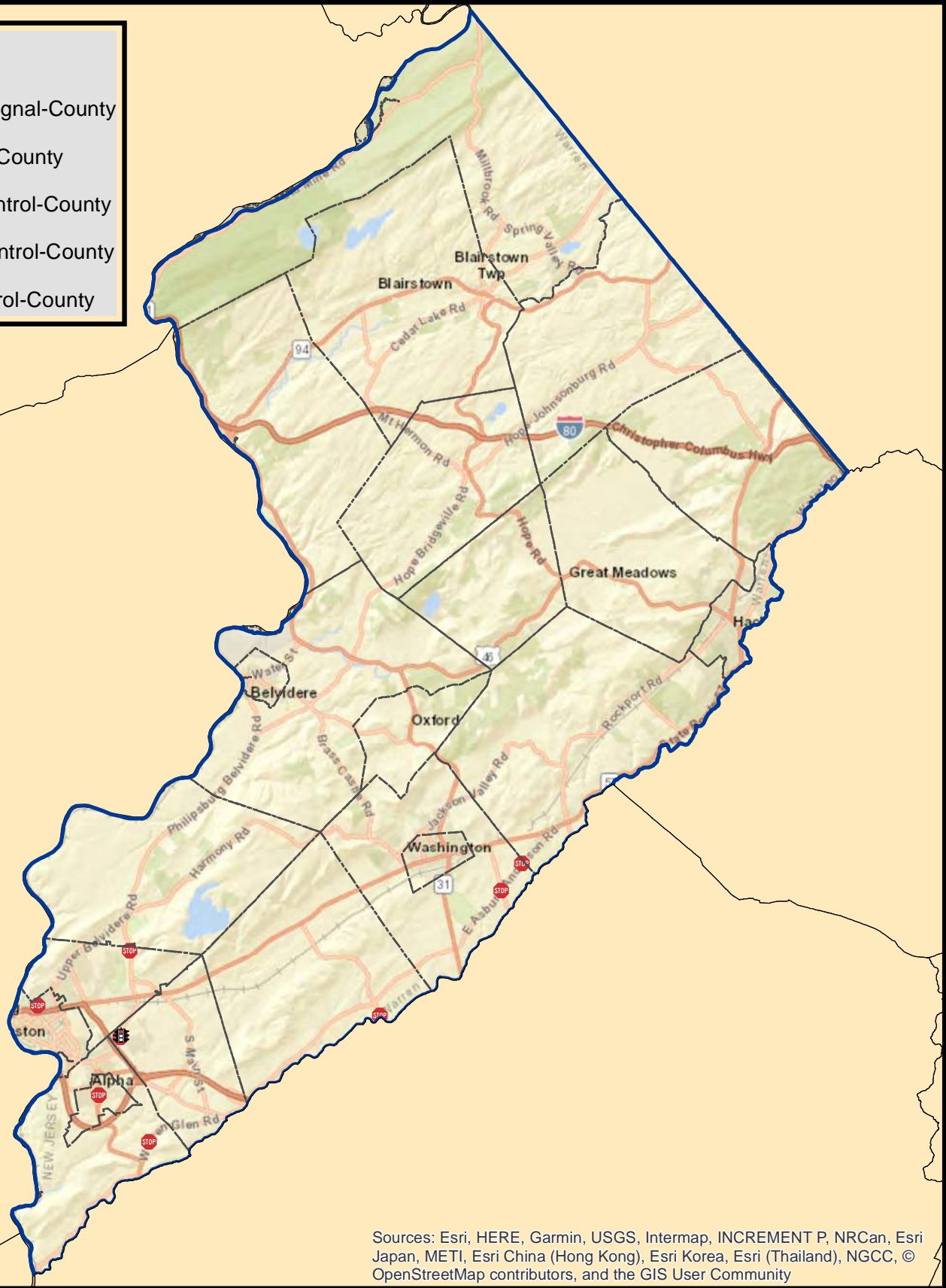
County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
UNION	BERKELEY HEIGHTS TWP	2019	12/4/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Major Collector	SNYDER AVE	North	0	20011028	0.65	Yes	HAMILTON AVE / LOCUST AVE	30	35	North	North
UNION	BERKELEY HEIGHTS TWP	2021	10/28/2021	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	2	1	0	0	0	0	0	0	0	Local	ROSEGATE CT **	South	0	20011136	0.00	Yes	CR 641 / PLAINFIELD AVE	30	30	South	North
UNION	CLARK TWP	2019	5/11/2019	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1	0	1	1	0	0	0	0	Not a HPMS Reportable Trafficway	SHORPITE WAY	North	0	20011267	0.00	Yes	BARTAN ROAD	25	35	North	North
UNION	CLARK TWP	2019	9/15/2019	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Not a HPMS Reportable Trafficway	FEATHERED LANE	South	0	20011267	0.57	Yes	CR 617 / CHASE RD	25	25	South	East
UNION	CLARK TWP	2022	7/29/2022	No Control	Fixed Object	Suspected Serious Injury	Municipal	1	0	0	0	0	0	0	0	0	Minor Arterial	UNION COUNTY BDR	North	606	20020006	4.45	Yes	BRANNAN ST	25	25	North	West
UNION	CRAWFORD TWP	2018	12/26/2018	Traffic Signal	Left Turn / Turn	Suspected Serious Injury	Municipal	2	0	0	1	0	0	0	0	0	Not a HPMS Reportable Trafficway	UNION AVE	South	0	20020006	0.00	Yes	UNION AVE	25	25	South	North
UNION	CRAWFORD TWP	2019	6/27/2019	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	0	0	0	0	0	0	0	Not a HPMS Reportable Trafficway	CR 601 / EDGE	South	0	20020006	0.00	Yes	CR 601 / EDGE	25	25	South	South
UNION	CRAWFORD TWP	2019	6/12/2019	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	0	0	0	0	0	0	0	Local	CLARKMONT PL **	North	0	20021007	0.25	Yes	CR 601 / EDGE	25	25	North	North
UNION	ELIZABETH CITY	2015	6/26/2015	No Control	Opposite Direction Head On	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Not a HPMS Reportable Trafficway	W. GRAND ST	West	0	20021007	0.00	Yes	W. GRAND ST	25	25	West	West
UNION	ELIZABETH CITY	2015	12/24/2015	Flasher/Warning	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Not a HPMS Reportable Trafficway	ELSTON ST	West	0	20021007	0.00	Yes	ELSTON ST	25	25	West	North
UNION	ELIZABETH CITY	2017	1/24/2017	Flasher/Warning	Right Angle	Suspected Serious Injury	Municipal	3	0	0	0	0	0	0	0	0	Not a HPMS Reportable Trafficway	SHERIDAN AVE	North	0	20021007	0.00	Yes	W. GRAND ST	25	25	North	South
UNION	ELIZABETH CITY	2017	6/29/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	0	0	0	0	0	0	Local	LOUISA ST	South	0	20021007	0.20	Yes	W. GRAND ST	25	25	South	North
UNION	ELIZABETH CITY	2018	9/27/2018	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	0	0	0	0	0	0	0	Not a HPMS Reportable Trafficway	ROOSEVELT ST **	South	0	20021007	0.00	Yes	WASHINGTON AVE	25	25	South	West
UNION	ELIZABETH CITY	2018	9/13/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	5	0	0	2	0	0	0	0	0	Not a HPMS Reportable Trafficway	LIVINGSTON ST	South	0	20021007	0.00	Yes	FOURTH ST	25	25	South	East
UNION	ELIZABETH CITY	2018	10/16/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Not a HPMS Reportable Trafficway	W. GRAND ST	North	0	20021007	0.00	Yes	THIRD AVE	25	25	North	West
UNION	ELIZABETH CITY	2019	6/27/2019	Flasher/Warning	Opposite Direction Head On	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Not a HPMS Reportable Trafficway	LY GLENN ZAWORSKI	West	0	20021007	0.63	Yes	CAVINGTON ST	25	25	West	East
UNION	ELIZABETH CITY	2019	6/27/2019	Flasher/Warning	Opposite Direction Head On	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Not a HPMS Reportable Trafficway	LY GLENN ZAWORSKI	West	0	20021007	0.63	Yes	CAVINGTON ST	25	25	West	East
UNION	ELIZABETH CITY	2019	6/27/2019	Flasher/Warning	Opposite Direction Head On	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Not a HPMS Reportable Trafficway	LY GLENN ZAWORSKI	West	0	20021007	0.63	Yes	CAVINGTON ST	25	25	West	East
UNION	ELIZABETH CITY	2019	7/8/2019	No Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Local	1ST AVE **	West	0	20041000	0.34	Yes	S 5TH ST	25	25	West	South
UNION	ELIZABETH CITY	2019	8/15/2019	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	1	1	0	1	0	0	0	0	Not a HPMS Reportable Trafficway	BRVINGTON AVE	West	0	20041000	0.94	Yes	THIRD ROAD	25	25	West	North
UNION	ELIZABETH CITY	2019	9/23/2019	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	3	0	0	0	0	0	0	0	0	Local	DOWD AVE	West	0	20041015	0.97	Yes	CR 624 / NORTH AVE	25	25	West	North
UNION	ELIZABETH CITY	2019	11/20/2019	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1	1	1	0	0	0	0	0	Minor Arterial	ELIZABETH AVE	West	0	20041020	1.45	Yes	S 5 SPRING ST	25	25	West	North
UNION	ELIZABETH CITY	2020	6/27/2020	Traffic Signal	Pedestrian	Fatal Injury	Municipal	2	1	0	0	0	0	0	0	0	Local	ELIZABETH AVE	West	0	20041019	0.20	Yes	S 5 SPRING ST	25	25	West	North
UNION	ELIZABETH CITY	2020	6/28/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Local	MARSE AVE	West	0	20041019	0.20	Yes	WILMINGTON AVE	25	25	West	North
UNION	ELIZABETH CITY	2020	6/28/2020	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1	0	0	0	0	0	0	0	Local	MARSE AVE	West	0	20041019	0.20	Yes	WILMINGTON AVE	25	25	West	North
UNION	ELIZABETH CITY	2020	6/4/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Local	E GRAND ST / TRUMBULL ST	West	0	20041862	0.55	Yes	US 1 / US 9 / SPRING ST	25	40	West	North
UNION	ELIZABETH CITY	2020	6/4/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Local	CATHERINE ST **	South	0	20041832	0.43	Yes	LAFAYETTE ST	25	25	South	South
UNION	ELIZABETH CITY	2020	6/11/2020	Traffic Signal	Same Direction - Side Swipe	Suspected Serious Injury	Municipal	2	1	1	0	0	0	0	0	0	Local	ATLANTIC ST	West	0	20041832	1.06	Yes	CR 624 / NORTH AVE	25	25	West	North
UNION	ELIZABETH CITY	2020	6/11/2020	Traffic Signal	Same Direction - Side Swipe	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Local	ATLANTIC ST	West	0	20041832	1.06	Yes	CR 624 / NORTH AVE	25	25	West	North
UNION	ELIZABETH CITY	2020	6/15/2020	No Control	Same Direction - Side Swipe	Suspected Serious Injury	Municipal	3	0	0	0	0	0	0	0	0	Local	HENRY ST	East	0	20041020	0.00	Yes	MAIDEN AVE	25	25	East	North
UNION	ELIZABETH CITY	2020	6/23/2020	No Control	Right Angle	Suspected Serious Injury	Municipal	3	0	0	0	0	0	0	0	0	Local	HENRY ST	North	0	20041020	0.04	Yes	LOCUST AVE	25	25	North	South
UNION	ELIZABETH CITY	2020	6/25/2020	No Control	Right Angle	Suspected Serious Injury	Municipal	3	0	0	0	0	0	0	0	0	Local	FRANKLIN ST **	South	0	20041255	0.48	Yes	ADAMS ST	25	25	South	North
UNION	ELIZABETH CITY	2020	10/11/2020	No Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Major Collector	DIVISION ST	West	0	20041418	0.92	Yes	JULIA ST	25	25	West	North
UNION	ELIZABETH CITY	2020	10/21/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	0	0	0	0	0	0	Minor Collector	DIVISION ST	North	0	20041420	0.83	Yes	ADAMS ST	25	25	North	South
UNION	ELIZABETH CITY	2021	1/25/2021	Traffic Signal	Opposite Direction Head On	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Major Collector	NORTH AVE / NORTH AVE E	West	0	20041769	1.66	Yes	N. WILSON ST	25	25	West	North
UNION	ELIZABETH CITY	2021	2/27/2021	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Minor Arterial	NORTH AVE / NORTH AVE E	West	0	20041769	1.66	Yes	W. GRAND ST	25	25	West	North
UNION	ELIZABETH CITY	2021	5/16/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Minor Arterial	ELIZABETH AVE	South	0	20041420	1.49	Yes	W. GRAND ST	25	25	South	North
UNION	ELIZABETH CITY	2021	6/23/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Local	ALMA ST	East	0	20041015	0.19	Yes	WILSON RD	25	25	East	North
UNION	ELIZABETH CITY	2021	6/23/2021	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Local	ELIZABETH AVE	West	0	20041015	0.19	Yes	S 5 SPRING ST	25	25	West	North
UNION	ELIZABETH CITY	2021	6/28/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	0	0	Minor Arterial	E GRAND ST / TRUMBULL ST	East	0	20021892	0.63	Yes	RED ST	25	25	East	North
UNION	ELIZABETH CITY	2021	8/20/2021	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	0	0	0	0	0	0	0	Local	CARTER ST / CLIFTON ST	West	0	20041357	0.11	Yes	CLARKSON AVE	25	25	West	North
UNION	ELIZABETH CITY	2021	8/20/2021	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	0	0	0	0	0	0	0	Local	CARTER ST / CLIFTON ST	West	0	20041357	0.11	Yes	CLARKSON AVE	25	25	West	North
UNION	ELIZABETH CITY	2021	8/20/2021	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	0	0	0	0	0	0	0	Local	CARTER ST / CLIFTON ST	West	0	20041357	0.11	Yes	CLARKSON AVE	25	25	West	North
UNION	ELIZABETH CITY	2021	8/20/2021	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	0	0	0	0	0	0	0	Local	CARTER ST / CLIFTON ST	West	0	20041357	0.11	Yes	CLARKSON AVE	25	25	West	North
UNION	ELIZABETH CITY	2021	8/20/2021	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	0	0	0	0	0	0	0	Local	CARTER ST / CLIFTON ST	West	0	20041357	0.11	Yes	CLARKSON AVE	25	25	West	North
UNION	ELIZABETH CITY	2021	8/20/2021	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	0	0	0	0	0	0	0	Local	CARTER ST / CLIFTON ST	West	0	20041357	0.11	Yes	CLARKSON AVE	25	25	West	North
UNION	ELIZABETH CITY	2021	8/20/2021	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	0	0	0	0	0	0	0	Local	CARTER ST / CLIFTON ST	West	0	2							

Warren County

Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)

Legend

-  Traffic Signal-County
-  Flasher-County
-  Stop Control-County
-  Yield Control-County
-  No Control-County



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WARREN COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	WARREN	GREENWICH TWP	2015	7/13/2015	Stop Control	Right Angle	Suspected Serious Injury	County	3		0	3	0	0	No		Minor Arterial	ROUTE 519		519	0000519	28.71	Yes	STRYKERS RD	40	40	North	East
2	WARREN	POHATCONG TWP	2015	11/26/2015	Stop Control	Right Angle	Fatal Injury	County	2		1	1	0	0	Yes		Major Collector	WARREN COUNTY 638	West	639	2100639	0.61	Yes	SILVER HILL RD	45	25	North	South
3	WARREN	GREENWICH TWP	2016	12/30/2016	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	ROUTE 519		519	0000519	28.77	Yes	DUMONT RD	40	35	South	North
4	WARREN	PHILIPSBURG TOWNSHIP	2018	6/8/2018	Stop Control	Right Angle	Fatal Injury	County	2		1	1	0	0	No		Not a HPMS-Reportable Trafficway	WARREN COUNTY 646		646	2100646	0.16	Yes	HILL CREST BLVD	25	25	West	North
5	WARREN	WASHINGTON TWP	2018	5/2/2018	Stop Control	Fixed Object	Fatal Injury	County	1		2	2	0	0	Yes		Not a HPMS-Reportable Trafficway	WARREN COUNTY 645	North	645	2100645	0.71	Yes	CR 527 / ASHLEY-ANDERSON RD	35	45	North	
6	WARREN	ALPHA BORO	2019	4/18/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	ROUTE 519	South	519	0000519	26.65	Yes	CENTRAL AVE	35	25	East	West
7	WARREN	LOPATCONG TWP	2019	7/27/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	ROUTE 519	South	519	0000519	32.26	Yes	BILLYWY RD	30	25	South	East
8	WARREN	FRANLIN TWP	2020	6/27/2020	Stop Control	Right Angle	Fatal Injury	County	2		1	1	0	0	No		Minor Collector	WARREN COUNTY 643	North	643	2100643	0.06	Yes	MAPLE AVE	35	25	North	West
9	WARREN	WASHINGTON TWP	2020	6/28/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	WARREN COUNTY 632	North	632	2100632	10.47	Yes	BUTLERS PARK RD	45	35		

Unmapped

Warren County Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)

Legend

-  Traffic Signal-Municipal
-  Flasher-Municipal
-  Stop Control-Municipal
-  No Control-Municipal



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

WARREN COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	
1	WARREN	HACKETTSTOWN TOWN	2017	6/26/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Not a HPMS Reportable Trafficway	GRAND AVE	South				Yes	BEATTY STREET	25	25	East	South	
2	WARREN	LOPATCONG TWP	2021	2/27/2021	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No		Minor Arterial	RED SCHOOL LN	South		21111086	1.07	Yes	BALTIMORE ST	25	25			
3	WARREN	MANFIELD TWP	2015	1/14/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	2	0	1	0	1	No		Not a HPMS Reportable Trafficway	ALLEN ROAD					Yes	BALDWIN DRIVE	35	15	North		
4	WARREN	PHILIPSBURG TOWN	2019	11/9/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	No		Not a HPMS Reportable Trafficway	ROSEBERRY STREET	North				Yes	MARSHALL STREET	40	25	South	North	
5	WARREN	PHILIPSBURG TOWN	2021	5/29/2021	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	No		Principal Arterial - Other	SMITH ST	South				0.84	Yes	FISHER ST	25	25		
6	WARREN	PHILIPSBURG TOWN	2022	2/25/2022	No Control	Fixed Object	Suspected Serious Injury	Municipal	1		0	1	0	0	No		Minor Arterial	CENTER ST/GREEN ST/LOCK ST/LOGAN ST/ROSEBERRY ST	South		21101190	1.68	Yes	FISHER AVE	40	25	East		

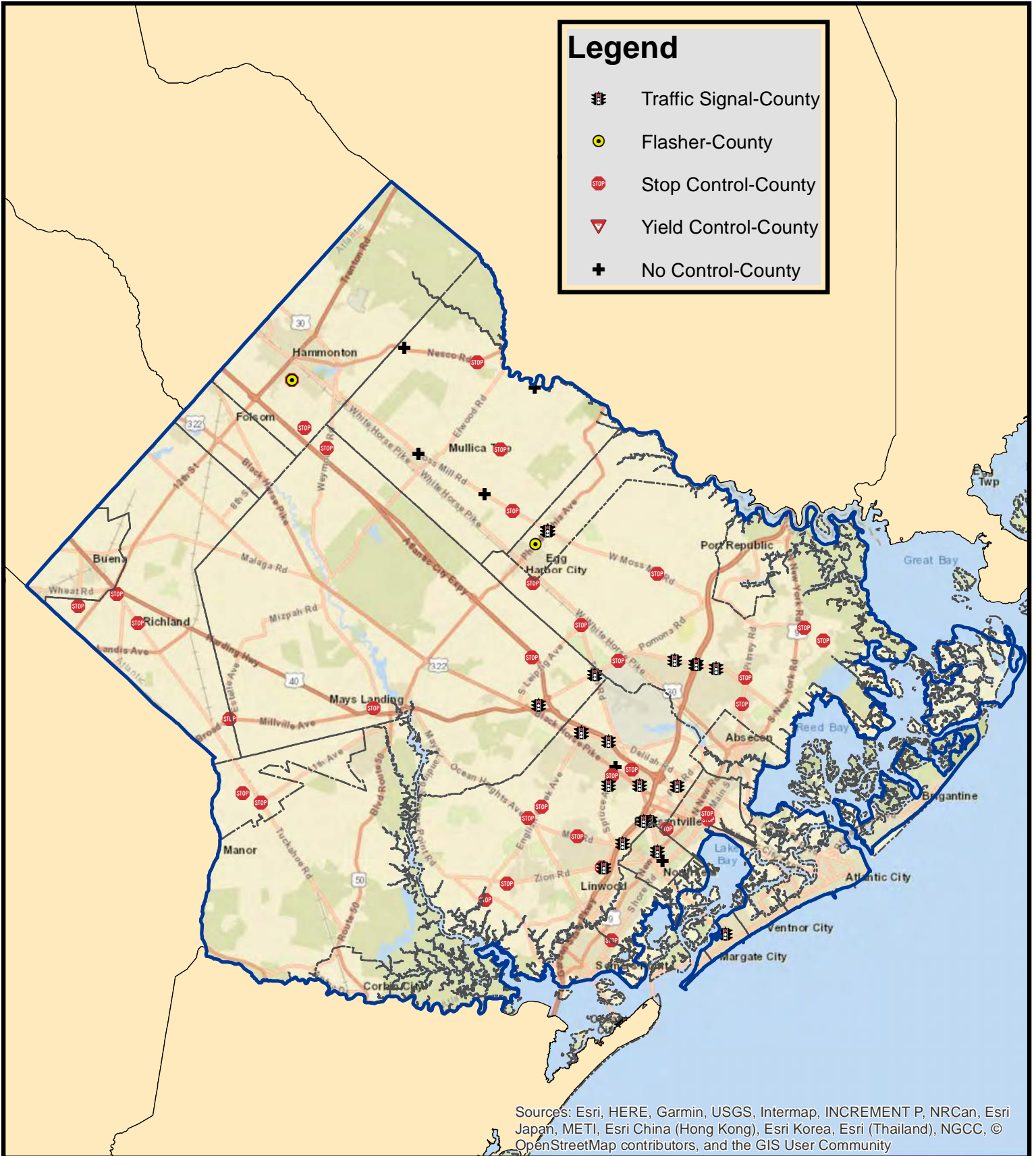
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ATTACHMENT A – SJTPO

Fatal and Suspected Serious Maps and Tables

Atlantic County

Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)



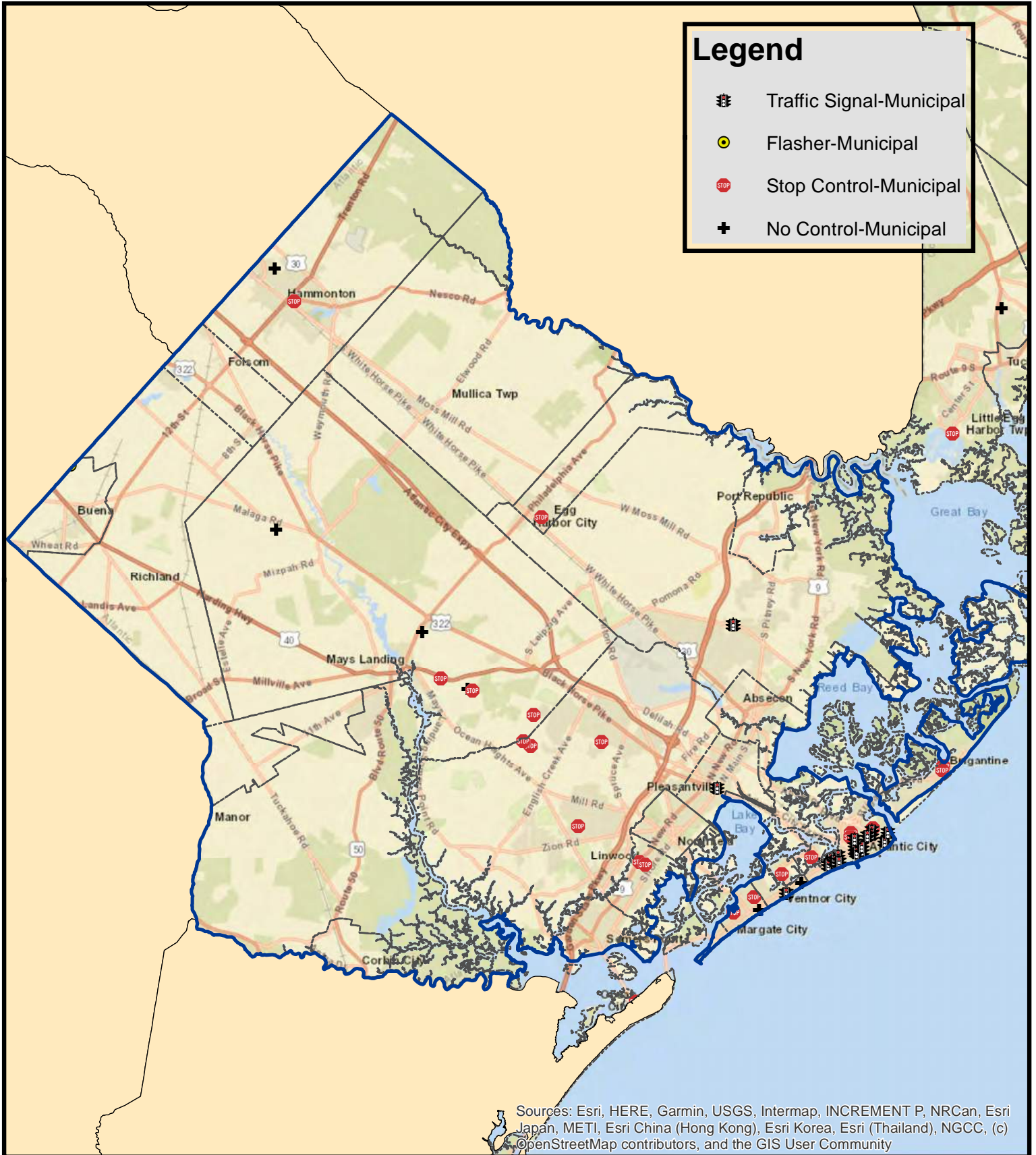
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**ATLANTIC COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	First Rammed Event
ATLANTIC	GALLOWAY TWP	2015	1/23/2015	Stop Control	Right Angle	Fatal Injury	County	3	0	0	1	3	0	0	0	Yes	Minor Arterial	ROUTE 575	South	575	00000975	12.33	Yes	CR 686 / ALDE ST	40	40	South	East	
ATLANTIC	BUENA VISTA TWP	2015	3/9/2015	Stop Control	Fixed Object	Suspected Serious Injury	County	2	0	0	0	1	0	0	0	No	Major Collector	ROUTE 557	South	557	00000557	26.30	Yes	SCHOONDEVILLE AVE	50	45	South	South	
ATLANTIC	BUENA VISTA TWP	2015	7/27/2015	Stop Control	Fixed Object	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Not a MAPS Reportable Trafficway	ATLANTIC COUNTY 684	East	561	00000561	26.67	Yes	STREETSIDE	45	35	East	East	
ATLANTIC	BUENA VISTA TWP	2015	8/28/2015	No Control	Same Direction - Side/Swipe	Fatal Injury	County	2	0	0	0	0	0	0	0	No	Minor Arterial	ROUTE 561	East	561	00000561	26.67	Yes	STREETSIDE	45	35	East	East	
ATLANTIC	HAMMORTON TOWN	2015	11/7/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	2	0	0	0	No	Major Collector	ATLANTIC COUNTY 688	East	688	01000688	0.50	Yes	11TH ST	45	35	North	West	
ATLANTIC	EGG HARBOR CITY	2015	11/19/2015	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	0	0	4	0	0	0	No	Major Collector	ROUTE 561 ALTERNATE	East	561	00000561A	13.13	Yes	ROUTE 569 / GREEN BANK RD	45	45	North	East	
ATLANTIC	EGG HARBOR TWP	2015	12/2/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	3	0	0	0	No	Major Collector	ATLANTIC COUNTY 662	East	662	01000662	1.67	Yes	RODGE AVE	45	35	South	North	
ATLANTIC	GALLOWAY TWP	2015	12/4/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Principal Arterial - Other	ROUTE 563	South	563	00000563	12.37	Yes	CR 670 / RACE TRACK RD	50	50	South	South	
ATLANTIC	HAMILTON TWP	2016	4/26/2016	Traffic Signal	Pedestrian	Undetected Serious Injury	County	1	1	0	0	0	0	0	0	0	Principal Arterial - Other	ROUTE 563	West	563	00000563	13.33	No	ROUTE 575 / WRENGLING RD	40	50	West	West	
ATLANTIC	EGG HARBOR TWP	2016	4/18/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	1	0	0	0	0	Major Collector	ROUTE 563	East	563	01000563	1.24	Yes	SCHOOL HOUSE RD	45	35	North	North	
ATLANTIC	GALLOWAY TWP	2016	7/17/2016	Stop Control	Fixed Object	Suspected Serious Injury	County	1	0	0	0	1	0	0	0	Yes	Minor Collector	ATLANTIC COUNTY 618	North	618	01000618	1.57	Yes	SMITH BOWEN RD	45	35	South	South	
ATLANTIC	EGG HARBOR TWP	2017	10/24/2017	Stop Control	Right Angle	Fatal Injury	County	2	0	0	0	0	0	0	0	No	Major Collector	ROUTE 559	West	559	00000559	5.23	Yes	ROUTE 575 / ENGLISH CREEK RD	50	50	East	West	MV in Transport
ATLANTIC	HAMILTON TWP	2018	1/23/2018	Stop Control	Same Direction - Side/Swipe	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Not a MAPS Reportable Trafficway	ROUTE 583	North	583	00000583	13.83	Yes	US 9 / GARDNER AVE	50	35	East	East	MV in Transport
ATLANTIC	HAMILTON TWP	2018	1/23/2018	Stop Control	Same Direction - Side/Swipe	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Not a MAPS Reportable Trafficway	ROUTE 575	North	575	00000575	13.83	Yes	ROUTE 561 / FISHERS RD	50	35	East	East	MV in Transport
ATLANTIC	MULLECA TWP	2018	10/23/2018	Stop Control	Right Angle	Fatal Injury	County	2	1	0	0	0	0	0	0	No	Major Collector	ROUTE 561 ALTERNATE	North	561	00000561A	14.60	Yes	DAMMADT AVE	45	35	North	West	MV in Transport
ATLANTIC	EGG HARBOR TWP	2018	12/20/2018	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Major Collector	ATLANTIC COUNTY 684	North	684	01000684	2.62	Yes	REGGA AVE	40	25	West	North	MV in Transport
ATLANTIC	EGG HARBOR TWP	2019	1/26/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Major Collector	ATLANTIC COUNTY 602	North	602	01000602	0.36	Yes	CR 646 / DELLAH RD	50	50	West	South	MV in Transport
ATLANTIC	EGG HARBOR TWP	2019	5/6/2019	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	0	0	2	0	0	0	No	Minor Arterial	ATLANTIC COUNTY 603	West	603	01000603	0.36	Yes	CR 646 / DELLAH RD	50	45	West	South	MV in Transport
ATLANTIC	EGG HARBOR TWP	2019	6/18/2019	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Minor Arterial	ATLANTIC COUNTY 603	West	603	01000603	0.36	Yes	CR 646 / DELLAH RD	50	45	West	South	MV in Transport
ATLANTIC	EGG HARBOR TWP	2019	6/18/2019	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Minor Arterial	ATLANTIC COUNTY 603	West	603	01000603	0.36	Yes	CR 646 / DELLAH RD	50	40	East	North	MV in Transport
ATLANTIC	EGG HARBOR TWP	2019	6/18/2019	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Minor Arterial	ATLANTIC COUNTY 603	West	603	01000603	0.36	Yes	CR 646 / DELLAH RD	50	45	West	South	MV in Transport
ATLANTIC	GALLOWAY TWP	2019	6/19/2019	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	0	0	3	0	0	0	No	Minor Arterial	ROUTE 561	South	561	00000561	3.51	Yes	ARDENA AVE	45	25	West	South	MV in Transport
ATLANTIC	HAMILTON TWP	2019	6/22/2019	Stop Control	Right Angle	Fatal Injury	County	2	1	2	0	0	0	0	0	No	Major Collector	ATLANTIC COUNTY 606	South	606	00000606	0.21	Yes	RODGE AVE	40	25	East	South	MV in Transport
ATLANTIC	BUENA VISTA TWP	2019	7/17/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Major Collector	ROUTE 563	North	563	00000563	13.37	Yes	CR 686 / ALDE ST	45	35	North	North	MV in Transport
ATLANTIC	BUENA VISTA TWP	2019	7/17/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Major Collector	ATLANTIC COUNTY 687	East	687	01000687	0.01	Yes	MICHELLAN AVE / WOODSIDE AVE	45	35	South	South	MV in Transport
ATLANTIC	MULLECA TWP	2019	7/23/2019	Stop Control	Opposite Direction (Head On)	Suspected Serious Injury	County	2	0	0	0	2	0	0	0	No	Major Collector	ROUTE 542	East	542	00000542	7.04	Yes	JACKSON RD	45	35	West	West	MV in Transport
ATLANTIC	WILMOUTH TWP	2019	7/27/2019	Stop Control	Right Angle	Suspected Serious Injury	County	3	0	0	0	6	0	0	0	No	Major Collector	ROUTE 557	North	557	00000557	18.36	Yes	CR 669 / 13TH AVE	50	25	West	North	MV in Transport
ATLANTIC	MULLECA TWP	2019	7/28/2019	Stop Control	Right Angle	Fatal Injury	County	2	1	0	0	0	0	0	0	No	Local	ATLANTIC COUNTY 612	North	612	01000612	2.88	Yes	7TH AVE	50	45	East	East	MV in Transport
ATLANTIC	HAMILTON TWP	2019	8/15/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Major Collector	ATLANTIC COUNTY 614	South	614	01000614	2.89	Yes	HOLLY ST	50	35	South	East	MV in Transport
ATLANTIC	WILMOUTH TWP	2019	8/20/2019	Traffic Signal	Left Turn/U Turn	Fatal Injury	County	2	1	0	0	0	0	0	0	No	Minor Arterial	ROUTE 643	North	643	00000643	0.77	Yes	AMHERST AVE	25	25	East	South	MV in Transport
ATLANTIC	WILMOUTH TWP	2019	9/12/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	1	0	0	0	No	Major Collector	ATLANTIC COUNTY 645	North	645	01000645	2.54	Yes	SCHOOL HOUSE RD	45	35	West	East	MV in Transport
ATLANTIC	HAMILTON TWP	2019	10/18/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	3	0	0	0	No	Major Collector	ROUTE 559	North	559	00000559	25.70	Yes	SMITH BERRY RD	50	25	North	South	MV in Transport
ATLANTIC	WILMOUTH TWP	2019	11/23/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	2	0	0	0	No	Minor Collector	ATLANTIC COUNTY 666	East	666	01000666	6.95	Yes	13TH AVE	40	45	South	East	MV in Transport
ATLANTIC	EGG HARBOR TWP	2019	11/23/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Major Collector	ROUTE 559	North	559	00000559	25.70	Yes	SMITH BERRY RD	50	25	North	South	MV in Transport
ATLANTIC	EGG HARBOR TWP	2019	11/23/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Major Collector	ATLANTIC COUNTY 666	East	666	01000666	6.95	Yes	13TH AVE	40	45	South	East	MV in Transport
ATLANTIC	EGG HARBOR TWP	2020	1/13/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Minor Collector	ROUTE 561 ALTERNATE	West	561	00000561A	13.33	Yes	N QUAIL HILL BLVD / S OAKMAN AVE	50	25	South	South	MV in Transport
ATLANTIC	EGG HARBOR TWP	2020	4/11/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	2	0	0	0	No	Major Collector	ROUTE 561 ALTERNATE	West	561	00000561A	8.79	Yes	MANHEIM AVE	45	50	East	West	MV in Transport
ATLANTIC	BUENA VISTA TWP	2020	4/12/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	2	0	0	0	No	Local	ATLANTIC COUNTY 677	West	677	01000677	0.50	Yes	VINE RD	25	35	West	West	MV in Transport
ATLANTIC	EGG HARBOR TWP	2020	7/15/2020	Stop Control	Right Angle	Fatal Injury	County	2	1	0	0	0	0	0	0	No	Major Collector	ROUTE 559 ALTERNATE	North	559	00000559A	0.00	Yes	ROUTE 563 / SHORE RD	50	25	North	West	MV in Transport
ATLANTIC	WILMOUTH TWP	2020	8/22/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	2	0	0	0	Yes	Major Collector	ROUTE 557	South	557	00000557	18.36	Yes	CR 669 / 13TH AVE	50	25	West	East	MV in Transport
ATLANTIC	EGG HARBOR TWP	2020	1/27/2020	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Minor Arterial	ATLANTIC COUNTY 615	West	615	01000615	2.64	No	OLD ZION RD	40	35	West	West	MV in Transport
ATLANTIC	EGG HARBOR TWP	2020	1/27/2020	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	County	2	0	0	0	0	0	0	0	No	Minor Arterial	ATLANTIC COUNTY 615	West	615	01000615	2.64	No	OLD ZION RD	40	35	West	West	MV in Transport
ATLANTIC	EGG HARBOR TWP	2020	4/12/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	2	0	0	0	No	Major Collector	ROUTE 559	North	559	00000559	25.70	Yes	SMITH BERRY RD	50	35	North	West	MV in Transport
ATLANTIC	BUENA VISTA TWP	2020	8/6/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2	0	0	0	3	0	0	0	Yes	Major Collector	ROUTE 557	South	557	00000557	27.62	Yes	CHRIS GAUFF RD	45	50	West	West	MV in Transport
ATLANTIC	BUENA VISTA TWP	2020	8/7/2020	Stop Control	Right Angle	Suspected Serious Injury	County																						

Atlantic County

Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)



**ATLANTIC COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	First Harmful Event	
ATLANTIC	ATLANTIC CITY	2015	5/28/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	2	0	0	No	0	Major Collector	INDIANA AVE	North		01021367	0.59	Yes	HUMMOCK AVENUE	25	25	South	North		
ATLANTIC	ATLANTIC CITY	2016	4/30/2016	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	2	1	0	0	1	0	1	No	0	Minor Arterial	PACIFIC AVE	West		01021382	0.54	Yes	IOWA AVENUE	25	25	West	North		
ATLANTIC	ATLANTIC CITY	2017	11/27/2017	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	2	1	0	0	1	0	1	No	0	Principal Arterial - Other	ATLANTIC AVE	West		01111000	7.00	Yes	KENTWOOD AVE	25	25	West	East	MV in Transport	
ATLANTIC	ATLANTIC CITY	2017	11/27/2017	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	2	1	0	0	1	0	1	No	0	Not a HPMS Reportable Trafficway	FLEET AVE	West		01111000	7.00	Yes	HARRISBURG AVE	25	25	West	East	Pedestrian	
ATLANTIC	ATLANTIC CITY	2017	7/14/2017	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	2	0	0	2	0	2	No	0	Minor Arterial	PACIFIC AVE	West		01021382	1.22	Yes	OHIO AVE	25	25	West	North	Pedestrian	
ATLANTIC	ATLANTIC CITY	2017	9/24/2017	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2	0	2	0	0	0	0	No	1	Principal Arterial - Other	ATLANTIC AVE	West		01111000	5.66	Yes	PROVENCE AVE	25	25	South	North	MV in Transport	
ATLANTIC	ATLANTIC CITY	2018	1/22/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	2	0	0	0	0	No	1	Not a HPMS Reportable Trafficway	ATLANTIC AVE	East		01021380	0.36	Yes	CAROLINA AVENUE	25	25	South	North	MV in Transport	
ATLANTIC	ATLANTIC CITY	2018	5/7/2018	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	2	1	0	0	1	0	1	No	0	Not a HPMS Reportable Trafficway	ATLANTIC AVE	West		01111000	1.94	Yes	MORRIS AVE	25	25	North	South	Pedestrian	
ATLANTIC	ATLANTIC CITY	2018	11/18/2018	No Control	Struck Parked Vehicle	Undetected Serious Injury	Municipal	1	0	0	0	0	0	0	No	0	Local	PACIFIC AVE	East		01021382	2.78	Yes	VERMONT AVENUE	25	25	South	North	Farled MV	
ATLANTIC	ATLANTIC CITY	2019	4/19/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	0	1	0	1	No	0	Minor Arterial	PACIFIC AVE	East		01021383	0.54	Yes	IOWA AVE	25	25	South	North	Pedestrian	
ATLANTIC	ATLANTIC CITY	2019	5/18/2019	Flasher/Warning	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	0	1	0	1	No	0	Not a HPMS Reportable Trafficway	OHIO AVE **	South				Yes	HURON AVE	25	25	South	North	Pedestrian	
ATLANTIC	ATLANTIC CITY	2019	7/20/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	0	1	0	1	Yes	0	Not a HPMS Reportable Trafficway	MAIDSON AVE **	West				2.36	Yes	SOVEREIGN AVENUE	25	25	West	North	MV in Transport
ATLANTIC	ATLANTIC CITY	2019	8/27/2019	Stop Control	Struck Parked Vehicle	Suspected Serious Injury	Municipal	1	0	0	0	0	0	0	No	0	Minor Collector	PORTER AVE	West			01021379		Yes	MARSHALL RD	25	25	South	North	MV in Transport
ATLANTIC	ATLANTIC CITY	2019	8/27/2019	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	0	1	0	1	No	0	Principal Arterial - Other	ATLANTIC AVE	West			01111000	0.78	Yes	OHIO AVE	25	25	West	North	Pedestrian
ATLANTIC	ATLANTIC CITY	2019	9/14/2019	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	0	1	0	1	0	1	No	0	Local	BOSTON AVE **	North			01021378	0.04	Yes	ARTIC AVE	25	25	North	South	Pedestrian
ATLANTIC	ATLANTIC CITY	2020	1/24/2020	Traffic Signal	Left Turn/Y Turn	Suspected Serious Injury	Municipal	2	0	4	0	0	0	0	No	0	Minor Arterial	NEW HAMPSHIRE AVE	South			01021393	0.00	Yes	ATLANTIC AVE	25	25	East	North	MV in Transport
ATLANTIC	ATLANTIC CITY	2020	1/30/2020	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1	0	1	0	1	0	Yes	0	Minor Arterial	WINCHESTER AVE	East			01021380	0.64	Yes	CALIFORNIA AVE	25	25	West	North	MV in Transport
ATLANTIC	ATLANTIC CITY	2020	6/2/2020	Traffic Signal	Left Turn/Y Turn	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	No	0	Major Collector	BALTIMORE AVE / MAIDSON AVE	West			01021381	0.62	Yes	MARYLAND AVE	25	25	West	North	MV in Transport
ATLANTIC	ATLANTIC CITY	2020	6/11/2020	Traffic Signal	Fixed Object	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	Yes	0	Local	ATLANTIC AVE	West			01021306	0.74	Yes	ABSECON BLVD / DELAWARE AVE	25	25	West	North	Concrete Traffic Barrier
ATLANTIC	ATLANTIC CITY	2020	9/4/2020	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	No	2	Major Collector	PENNSYLVANIA AVE	South			01021330	0.54	Yes	BALTIMORE AVE	25	25	West	North	MV in Transport
ATLANTIC	ATLANTIC CITY	2020	7/2/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	2	0	0	0	0	Yes	0	Principal Arterial - Other	DR MARTIN LUTHER KING JR BLVD	North			01021368	0.70	Yes	SEVELL AVE	25	25	West	North	MV in Transport
ATLANTIC	ATLANTIC CITY	2020	7/19/2020	Traffic Signal	Right Injury	Fatal Injury	Municipal	2	0	1	0	0	0	0	No	0	Local	ORIENTAL AVE **	North			01021309	0.15	Yes	MALDEN AVENUE	25	25	North	South	MV in Transport
ATLANTIC	ATLANTIC CITY	2020	7/17/2020	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	No	0	Principal Arterial - Other	DR MARTIN LUTHER KING JR BLVD	North			01021368	0.70	Yes	MEDFORD AVENUE	25	25	West	North	Pedestrian
ATLANTIC	ATLANTIC CITY	2022	1/26/2022	Traffic Signal	Pedestrian	Fatal Injury	Municipal	2	1	0	0	0	0	0	No	0	Minor Arterial	PACIFIC AVE	North			01021382		Yes	KENTWOOD AVE	25	25	South	North	Pedestrian
ATLANTIC	ATLANTIC CITY	2022	1/29/2022	Stop Control	Right Angle	Fatal Injury	Municipal	2	1	0	0	0	0	0	No	1	Local	DREXEL AVE **	North			01021008	0.15	Yes	SOUTH CAROLINA AVE	25	25	South	North	MV in Transport
ATLANTIC	BRIGANTINE CITY	2021	2/25/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	No	0	Local	REVERE BLVD	South			01012067	0.29	Yes	REVERE BLVD	25	25	West	East	MV in Transport
ATLANTIC	BRIGANTINE CITY	2021	8/23/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	No	0	Local	18TH ST **	South			01021071	0.21	Yes	CA 638 / BRIGANTINE AVE	25	30	North	West	MV in Transport
ATLANTIC	EGG HARBOR CITY	2022	11/12/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	No	0	Local	20TH ST **	South			01071027	0.99	Yes	HAVANA AVE	25	25	South	North	MV in Transport
ATLANTIC	EGG HARBOR TWP	2015	11/29/2015	Stop Control	Right Angle	Fatal Injury	Municipal	2	1	0	0	0	0	0	No	0	Major Collector	WEST JERSEY AVE	East			01081235	0.68	Yes	FERNWOOD AVENUE	35	25	East	West	MV in Transport
ATLANTIC	EGG HARBOR TWP	2017	11/20/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	3	0	0	0	0	No	0	Not a HPMS Reportable Trafficway	DODDWOOD AVE	West				Yes	PIRE AVE	35	35	North	West	MV in Transport	
ATLANTIC	EGG HARBOR TWP	2017	11/15/2017	Stop Control	Fixed Object	Fatal Injury	Municipal	1	1	0	0	0	0	0	Yes	0	Not a HPMS Reportable Trafficway	RODGE AVENUE	South				Yes	LEAF STREET	35	35	East	West	Tree	
ATLANTIC	EGG HARBOR TWP	2018	1/15/2018	Stop Control	Right Angle	Fatal Injury	Municipal	2	1	2	0	0	0	0	No	0	Not a HPMS Reportable Trafficway	DODDWOOD AVE	West				Yes	ALDER AVE	35	35	North	West	MV in Transport	
ATLANTIC	GALLOWAY TWP	2015	5/26/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	No	0	Major Collector	GREAT CREEK RD	West			01111343	0.30	Yes	WRANGLERBORO RD	40	40	North	South	MV in Transport
ATLANTIC	GALLOWAY TWP	2015	5/26/2015	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	No	0	Major Collector	GREAT CREEK RD	West			01111343	0.30	Yes	WRANGLERBORO RD	40	40	North	South	MV in Transport
ATLANTIC	HAMILTON TWP	2015	5/4/2015	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	2	0	0	0	0	No	0	Local	WEST JERSEY AVE	East			01081235	3.21	Yes	GRAND AVENUE	50	25	North	South	South
ATLANTIC	HAMILTON TWP	2019	11/14/2019	No Control	Fixed Object	Fatal Injury	Municipal	1	1	0	0	0	0	0	No	0	Local	OLD EGG HARBOR RD **	South			01121205	1.52	Yes	MULBERRY DR	25	25	West	East	Tree
ATLANTIC	HAMILTON TWP	2021	8/26/2021	No Control	Pedestrian	Fatal Injury	Municipal	1	1	0	1	0	0	0	No	0	Major Collector	ATLANTIC AVE	East			01121189	1.96	Yes	BRIDG ST	35	35	West	East	Pedestrian
ATLANTIC	HAMILTON TWP	2022	4/27/2022	No Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	No	0	Local	DRAKE AVE **	East			01121000	0.47	Yes	BELMONT AVE	25	25	East	West	MV in Transport
ATLANTIC	HAMILTON TWP	2022	6/20/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	No	0	Local	ATLANTIC AVE	West			01121189	2.10	Yes	BARCOCK RD	40	35	South	West	Other Animal
ATLANTIC	HAMILTON TWP	2022	1/28/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	2	0	0	0	0	No	0	Local	ATLANTIC AVE	East			01121189	0.94	Yes	CANTON BLVD	25	25	South	East	MV in Transport
ATLANTIC	HAMMINGTON TOWN	2021	1/17/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	2	0	0	0	0	No	0	Local	THIRD ST **	East			01110402	0.48	Yes	GRAPE ST	25	25	East	West	MV in Transport
ATLANTIC	HAMMINGTON TOWN	2021	7/12/2021	No Control	Fixed Object	Suspected Serious Injury	Municipal	2	1	0	0	0	0	0	No	0	Local	FOURTH ST **	West			01131003	0.00	Yes	WALNUT ST	25	25	North	South	Tree
ATLANTIC	HAMMINGTON TOWN	2019	7/24/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	No	0	Major Collector	ONE AVE	West			01141144	1.90	Yes	POPULAR AVE	25	25	East	West	MV in Transport
ATLANTIC	HAMMINGTON TOWN	2019	8/26/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	0	0	0	0	0	No	0	Major Collector	POPULAR AVE	West			01081359		Yes	MARSH ST	25	25	North	South	MV in Transport
ATLANTIC	MARGATE CITY	2019	6/7/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2	0	1	0	0	0	0	No	0	Major Collector	MCDONOUTH AVE	North			01161212	1.18	Yes	THURLOW AVE	25	25	North	South	MV in Transport
ATLANTIC	MARGATE CITY	2019	9/20/201																											

Cape May County

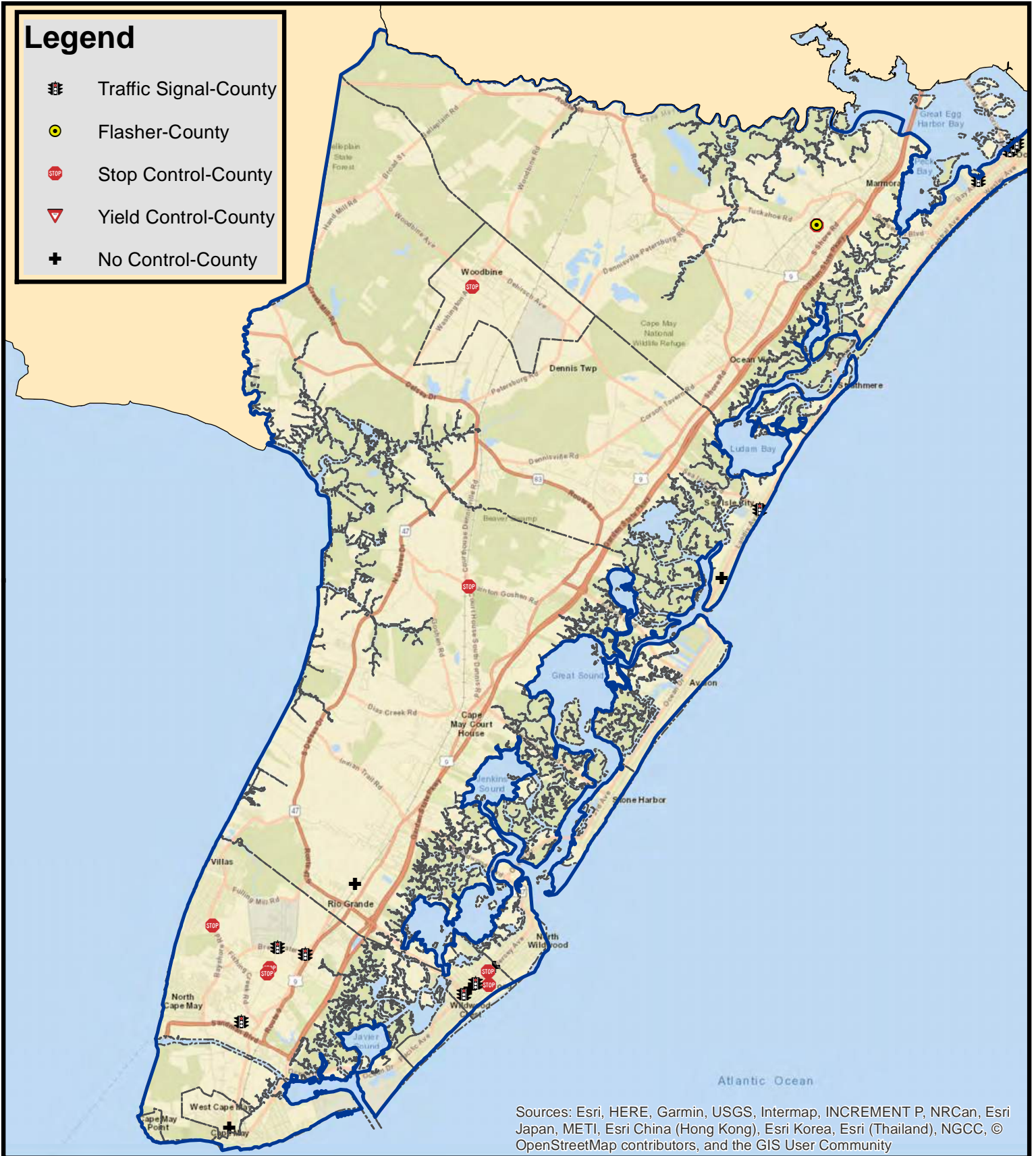
Fatal and Suspected Serious Injury Crashes

At Intersections on County Roadways

(2015-2022)

Legend

-  Traffic Signal-County
-  Flasher-County
-  Stop Control-County
-  Yield Control-County
-  No Control-County



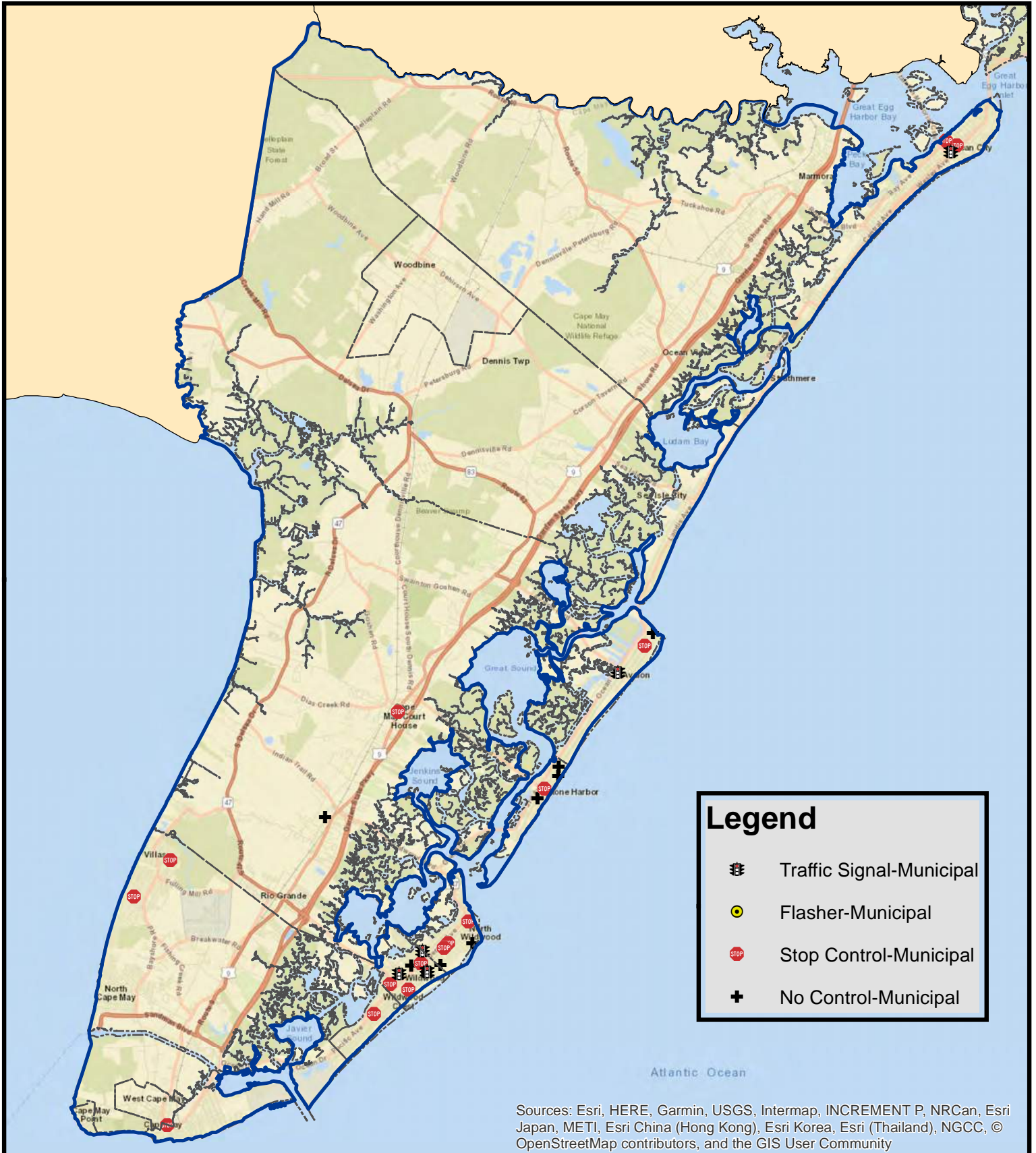
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CAPE MAY COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	CAPE MAY	LOWER TWP	2015	7/31/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No	1	Minor Arterial	CAPE MAY COUNTY 603	South	603	05000603	4.04	Yes	MC KINLEY AVE	45	25	South	East
2	CAPE MAY	WILDWOOD CITY	2015	8/7/2015	Traffic Signal	Pedalcyclist	Suspected Serious Injury	County	1		0	0	0	0	Yes		Principal Arterial - Other	CAPE MAY COUNTY 621	South	621	05000621	5.70	Yes	YOUNG AVE	25	25	South	
3	CAPE MAY	WILDWOOD CITY	2016	9/13/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Principal Arterial - Other	CAPE MAY COUNTY 621	North	621	05000621	6.11	Yes	PINE AVE	25	25	West	North
4	CAPE MAY	LOWER TWP	2017	5/6/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Major Collector	CAPE MAY COUNTY 644		644	05000644	2.12	Yes	BRUNNWOOD AVE	40	25	West	North
5	CAPE MAY	UPPER TWP	2018	5/18/2018	Stop Control	Right Angle	Fatal Injury	County	2		1	0	0	0	No		Not a HPMS Reportable Trafficway	CAPE MAY COUNTY 602		602	05000602	0.48	Yes	CR 602 / SPIEGEL COACH RD	35		North	East
6	CAPE MAY	LOWER TWP	2018	3/20/2018	Traffic Signal	Frontal Collision	Fatal Injury	County	1		0	0	0	0	No		Not a HPMS Reportable Trafficway	CAPE MAY COUNTY 626		626	05000626	5.22	Yes	CR 631 / BREANWATER RD	40	40	East	
7	CAPE MAY	OCEAN CITY	2018	7/20/2018	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	No		Not a HPMS Reportable Trafficway	CAPE MAY COUNTY 896		896	05000896	1.70	Yes	BTH ST	25	20	East	North
8	CAPE MAY	WILDWOOD CITY	2018	10/2/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	5	0	0	No		Principal Arterial - Other	CAPE MAY COUNTY 621		621	05000621	6.11	Yes	PINE AVE	25	25	South	North
9	CAPE MAY	WEST CAPE MAY BORO	2019	5/18/2019	No Control	Pedalcyclist	Fatal Injury	County	1		1	0	0	0	No		Minor Arterial	CAPE MAY COUNTY 626		626	05000626	0.45	Yes	YORK AVE	30	25	South	
10	CAPE MAY	OCEAN CITY	2019	7/24/2019	Traffic Signal	Pedestrian	Fatal Injury	County	1	2	1	1	1	0	No		Minor Arterial	CAPE MAY COUNTY 656	South	656	05000656	2.81	Yes	BTH ST	30	25	North	
11	CAPE MAY	WILDWOOD CITY	2019	4/27/2019	Traffic Signal	Opposite Direction (Head On)	Suspected Serious Injury	County	2		0	4	0	0	No		Principal Arterial - Other	CR 47		47	05000047	0.24	Yes	CR 62 / NEW FIRST AVE	25	25	South	West
12	CAPE MAY	MIDDLE TWP	2019	6/28/2019	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Major Collector	CAPE MAY COUNTY 657		657	05000657	6.70	Yes	CR 646 / GODDEN RD	50	50	West	East
13	CAPE MAY	MIDDLE TWP	2019	7/24/2019	Stop Control	Right Angle	Suspected Serious Injury	County	3		0	1	0	0	No	1	Major Collector	CAPE MAY COUNTY 657		657	05000657	6.70	Yes	CR 646 / GODDEN RD	50	45	South	East
14	CAPE MAY	SEA ISLE CITY	2019	9/1/2019	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	No	1	Minor Arterial	CAPE MAY COUNTY 619		619	05000619	9.65	Yes	BTH ST	25	35	North	
15	CAPE MAY	WILDWOOD CITY	2019	10/6/2019	No Control	Right Angle	Suspected Serious Injury	County	2		1	0	0	0	No		Principal Arterial - Other	CAPE MAY COUNTY 621	East	621	05000621	5.50	Yes	ROSE AVE	25	25	North	South
16	CAPE MAY	LOWER TWP	2020	2/12/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	4	0	0	No		Major Collector	CAPE MAY COUNTY 644	South	644	05000644	1.98	Yes	CR 647 / TABERNACLE RD	45	35		
17	CAPE MAY	LOWER TWP	2020	9/14/2020	Traffic Signal	Pedalcyclist	Suspected Serious Injury	County	1		0	1	0	0	Yes		Major Collector	CAPE MAY COUNTY 613	East	613	05000613	1.61	Yes	CR 644 / LEWINGTON AVE / SHUNKKE R	50	40		
18	CAPE MAY	WILDWOOD CITY	2020	10/18/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		1	0	0	0	No		Not a HPMS Reportable Trafficway	CAPE MAY COUNTY 644	South	644	05000644	1.98	Yes	CR 647 / TABERNACLE RD	45	35		
19	CAPE MAY	LOWER TWP	2020	10/14/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	0	0	0	No		Major Collector	CAPE MAY COUNTY 644	North	644	05000644	1.98	Yes	CR 647 / TABERNACLE RD	45	35		
20	CAPE MAY	WOODBORNE BORO	2021	1/29/2021	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Major Collector	CAPE MAY COUNTY 611	West	611	05000611	2.81	Yes	SUMNER AVE	50	25		
21	CAPE MAY	OCEAN CITY	2021	6/27/2021	Traffic Signal	Right Angle	Fatal Injury	County	3		0	2	0	0	No		Minor Arterial	CAPE MAY COUNTY 626		626	05000626	2.94	Yes	BTH ST	25	25		
22	CAPE MAY	OCEAN CITY	2021	12/9/2021	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	Yes		Major Collector	CAPE MAY COUNTY 927		927	05000927	6.70	Yes	CR 646 / GODDEN RD	50	45	South	North
23	CAPE MAY	MIDDLE TWP	2022	5/29/2022	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	Yes		Local	CAPE MAY COUNTY 626		626	05000626	7.00	Yes	SATT BOULEVARD	25	25	East	
24	CAPE MAY	SEA ISLE CITY	2022	7/2/2022	Traffic Signal	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	1	Yes		Minor Arterial	CAPE MAY COUNTY 619	South	619	05000619	11.59	Yes	CR 625 / PK BLVD	25	35	East	
25	CAPE MAY	WILDWOOD CITY	2022	7/23/2022	No Control	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	Yes		Principal Arterial - Other	CAPE MAY COUNTY 621	North	621	05000621	6.19	Yes	PODLAK AVE	25	35	West	North
26	CAPE MAY	LOWER TWP	2022	8/8/2022	Traffic Signal	Pedalcyclist	Suspected Serious Injury	County	1		0	1	0	0	No		Major Collector	CAPE MAY COUNTY 646		646	05000646	2.04	Yes	CR 644 / SHUNKKE RD	45	40	South	
27	CAPE MAY	OCEAN CITY	2022	9/6/2022	Traffic Signal	Same Direction - Sideswipe	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	CAPE MAY COUNTY 656		656	05000656	3.05	Yes	BTH ST	30	25	West	West

Not Mapped

Cape May County Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

CAPE MAY COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	CAPE MAY	AVAILON BORO	2015	8/25/2015	Traffic Signal	Pedalcyclist	Fatal Injury	Municipal	1		1	1	0	0	0	0	No	Not a HPMS Reportable Trafficway	DUNE DRIVE				Yes	32ND STREET	25	25	South	
2	CAPE MAY	AVAILON BORO	2019	7/28/2019	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1		0	1	0	0	0	No	Local	15TH ST **		06011014	0.26	Yes	15TH AVE	25	25	West	
3	CAPE MAY	AVAILON BORO	2022	5/18/2022	No Control	Pedalcyclist	Suspected Serious Injury	Municipal	1		1	0	1	0	0	0	No	Local	15TH AVE / 40TH ST **		06011036	0.05	Yes	8TH ST	25	25	East	
4	CAPE MAY	CAPE MAY CITY	2022	3/29/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	4	0	0	0	0	No	Not a HPMS Reportable Trafficway	WEST PERRY STREET				Yes	PARK BLVD	25	25	East	West
5	CAPE MAY	LOWER TWP	2018	8/13/2018	No Control	Pedalcyclist	Suspected Serious Injury	Municipal	1		0	1	0	0	0	0	No	Not a HPMS Reportable Trafficway	HARBOR AVE				Yes	PACIFIC AVE	25	25	North	
6	CAPE MAY	LOWER TWP	2019	6/4/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	0	No	Not a HPMS Reportable Trafficway	HARBOR AVE				Yes	EAST DELAWARE PARKWAY	25	25	West	East
7	CAPE MAY	LOWER TWP	2021	8/29/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	0	No	Local	CLOVERDALE AVE **	South	06005100	0.28	Yes	PROSPER AVE	25	25	East	South
8	CAPE MAY	MIDDLE TWP	2018	8/28/2018	No Control	Fixed Object	Fatal Injury	Municipal	1		1	0	0	0	0	0	No	Local	RALEIGH AVE **		06001084	0.13	Yes	GEORGE ST	25	25	North	
9	CAPE MAY	MIDDLE TWP	2022	3/13/2022	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	2	0	0	0	0	No	Local	CAPE MAY COUNTY 658		658 06000658	3.02	Yes	US 9 / SHORE RD	30	30	South	East
10	CAPE MAY	NORTH WILWOOD CITY	2019	6/27/2019	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	3		0	1	0	0	0	No	Local	IRK BLVD **		06071007	0.10	Yes	7TH AVE	25	25	North	
11	CAPE MAY	NORTH WILWOOD CITY	2020	7/27/2020	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	1		0	1	0	0	0	No	Local	SUN AVE **	South	06071002	1.18	Yes	25TH AVE	15	25	North	
12	CAPE MAY	NORTH WILWOOD CITY	2020	8/15/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	0	No	Local	15TH AVE **	West	06071082	0.44	Yes	CENTRAL AVE	25	25	South	
13	CAPE MAY	NORTH WILWOOD CITY	2020	8/24/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	0	No	Local	15TH AVE **	West	06071031	0.37	Yes	CENTRAL AVE	25	25	West	East
14	CAPE MAY	NORTH WILWOOD CITY	2021	7/7/2021	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2		0	1	0	0	0	0	No	Local	15TH AVE **		06071085	0.32	Yes	CENTRAL AVE	25	25	West	East
15	CAPE MAY	OCEAN CITY	2016	8/16/2016	Stop Control	Pedalcyclist	Suspected Serious Injury	Municipal	1		1	0	0	0	0	0	No	Not a HPMS Reportable Trafficway	SEVENTH ST				Yes	SINCEM AVE	25	25	East	
16	CAPE MAY	OCEAN CITY	2019	10/20/2019	Traffic Signal	Pedestrian	Fatal Injury	Municipal	1	1		0	1	0	0	0	No	Minor Collector	8TH ST		06081112	0.34	Yes	CENTRAL AVE	25	25	South	
17	CAPE MAY	OCEAN CITY	2022	6/13/2022	Stop Control	Fixed Object	Suspected Serious Injury	Municipal	1		0	1	0	0	0	0	No	Local	CENTRAL AVE		06081017	0.32	Yes	8TH ST	25	25	North	
18	CAPE MAY	STONE HARBOR BORO	2019	6/20/2019	No Control	Pedestrian	Suspected Serious Injury	Municipal	1		0	1	0	0	0	0	No	Not a HPMS Reportable Trafficway	ONEIDA DRIVE				Yes	WINN AVE	25	25	North	
19	CAPE MAY	STONE HARBOR BORO	2019	6/20/2019	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1		0	1	0	0	0	No	Local	9TH ST		06130185	0.36	Yes	2ND AVE	25	25	North	
20	CAPE MAY	STONE HARBOR BORO	2021	6/30/2021	No Control	Pedalcyclist	Suspected Serious Injury	Municipal	1		1	0	1	0	0	0	No	Local	6TH ST / DUNE DR / SECOND AVE **	North	06011075	4.90	Yes	9TH ST	25	25	North	
21	CAPE MAY	STONE HARBOR BORO	2021	7/17/2021	No Control	Pedestrian	Fatal Injury	Municipal	1		0	0	0	0	0	0	No	Local	15TH AVE		06130184	0.37	Yes	9TH ST	25	25	South	
22	CAPE MAY	STONE HARBOR BORO	2021	8/19/2021	No Control	Pedalcyclist	Suspected Serious Injury	Municipal	1		0	1	0	0	0	0	No	Local	6TH ST / DUNE DR / SECOND AVE **	North	06011075	4.27	Yes	9TH ST	25	25	South	
23	CAPE MAY	WILWOOD CITY	2018	8/26/2018	Stop Control	Pedalcyclist	Suspected Serious Injury	Municipal	1		1	0	1	0	0	0	No	Not a HPMS Reportable Trafficway	PARK BLVD				Yes	LEARNING AVE	25	25	North	
24	CAPE MAY	WILWOOD CITY	2019	1/22/2019	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	Municipal	2		0	1	0	0	0	0	Yes	Major Collector	PARK BLVD		06151093	1.37	Yes	MONTGOMERY AVE	25	25	East	East
25	CAPE MAY	WILWOOD CITY	2019	12/26/2019	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	2		0	1	0	0	0	No	Local	WILWOOD AVE		06142454	0.36	Yes	PACIFIC AVE	25	14	West	
26	CAPE MAY	WILWOOD CITY	2020	7/25/2020	No Control	Pedestrian	Suspected Serious Injury	Municipal	1	2		0	2	0	0	0	No	Local	BRIDGES AVE **	North	06142456	0.04	Yes	OCEAN AVE	25	25	East	
27	CAPE MAY	WILWOOD CITY	2021	7/7/2021	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1		0	1	0	0	0	No	Major Collector	28TH AVE / PARK BLVD		06151093	2.17	Yes	28TH AVE / DELAWARE AVE	25	25	East	
28	CAPE MAY	WILWOOD CITY	2021	8/7/2021	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1	1		0	1	0	0	0	No	Major Collector	ATLANTIC AVE		06141061	1.03	Yes	WILWOOD AVE	25	25	East	
29	CAPE MAY	WILWOOD CITY	2021	11/30/2021	Stop Control	Pedestrian	Suspected Serious Injury	Municipal	1	1		0	1	0	0	0	No	Local	LAKE AVE / PINE AVE **		06141062	0.46	Yes	WILWOOD AVE	25	25	South	
30	CAPE MAY	WILWOOD CITY	2022	7/12/2022	Traffic Signal	Pedestrian	Suspected Serious Injury	Municipal	1		0	2	0	0	0	0	No	Local	WILWOOD AVE **		06141061	0.24	Yes	ATLANTIC AVE	25	25	East	
31	CAPE MAY	WILWOOD CITY	2022	9/24/2022	Stop Control	Right Angle	Fatal Injury	Municipal	3	2		2	2	1	0	1	Yes	Major Collector	ATLANTIC AVE	South	06141061	0.40	Yes	BURR AVE	25	25	East	West
32	CAPE MAY	WILWOOD CREST BORO	2019	8/18/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	4		0	1	0	0	0	0	No	Major Collector	PACIFIC AVE	North	06151093	0.24	Yes	FERN RD	25	25	West	North

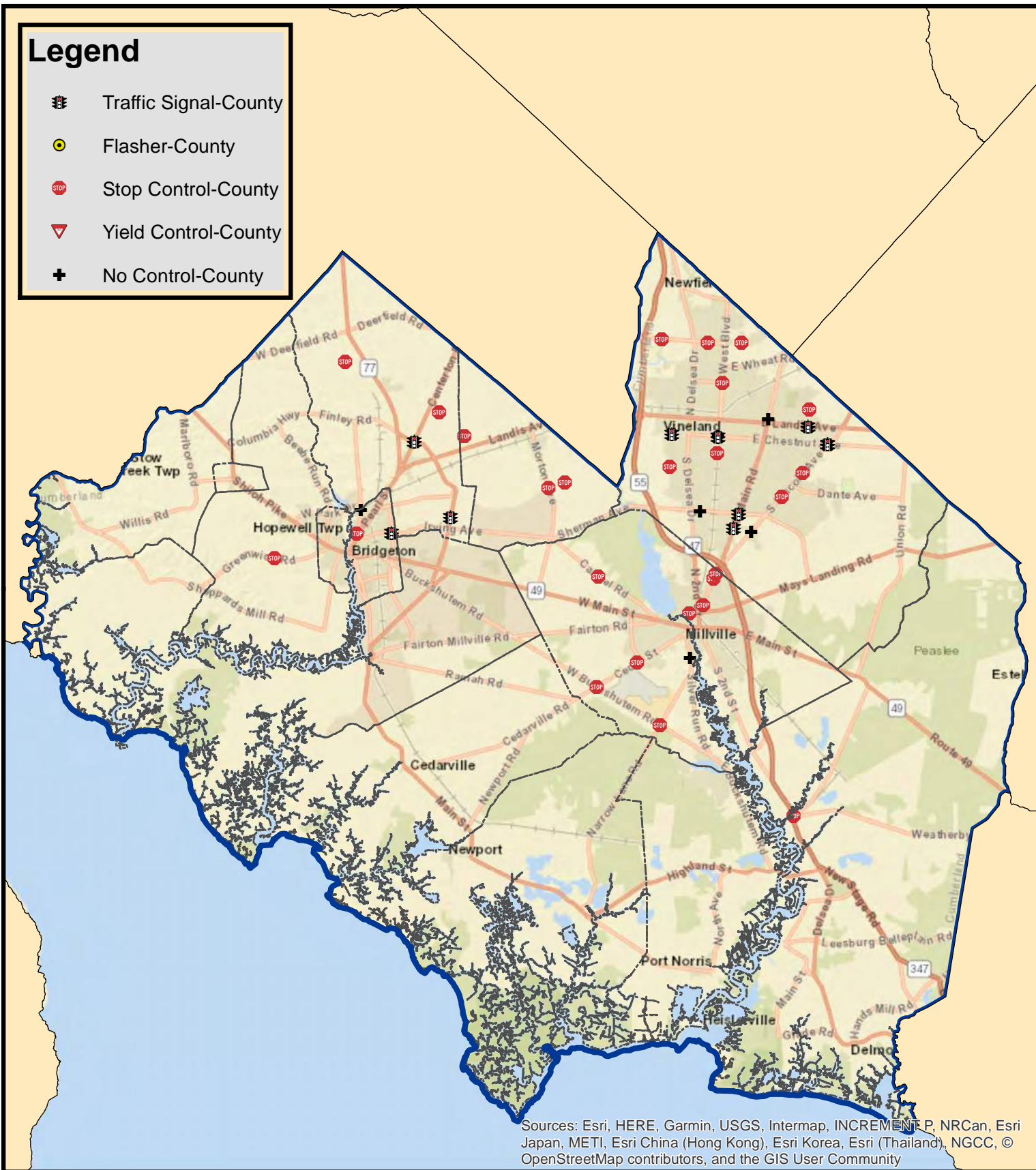
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Cumberland County

Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)

Legend

-  Traffic Signal-County
-  Flasher-County
-  Stop Control-County
-  Yield Control-County
-  No Control-County



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

CUMBERLAND COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	CUMBERLAND	DEERFIELD TWP	2015	5/27/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	No		Local	CUMBERLAND COUNTY 654	East	654	06000654	4.58	Yes	CR 717 / KENYON AVE	50	50	East	West
2	CUMBERLAND	BRIDGETON CITY	2015	8/17/2015	Stop Control	Struck Parked Vehicle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	CUMBERLAND COUNTY 606	East	606	06000606	0.17	Yes	MYRTLE ST	25	25	West	East
3	CUMBERLAND	UPPER DEERFIELD TWP	2016	1/15/2016	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	No		Local	CUMBERLAND COUNTY 658	West	658	06000658	1.36	Yes	CR 687 / WOODRUFF RD	50	50	North	West
4	CUMBERLAND	VINLAND CITY	2016	6/9/2016	Stop Control	Right Angle	Fatal Injury	County	2		1	2	0	0	No		Major Collector	CUMBERLAND COUNTY 672	West	672	06000672	1.82	Yes	WALDE AVE	40	40	West	East
5	CUMBERLAND	MILLVILLE CITY	2016	9/14/2016	Stop Control	Right Angle	Fatal Injury	County	2		0	0	0	0	No		Minor Arterial	CUMBERLAND COUNTY 608	East	608	06000608	1.80	Yes	SUREY RD	50	50	South	North
6	CUMBERLAND	UPPER DEERFIELD TWP	2016	11/23/2016	Traffic Signal	Right Angle	Fatal Injury	County	2		1	1	0	0	No		Minor Arterial	ROUTE 553	North	553	06000553	20.93	Yes	CR 654 / LEBANON RD	45	45	West	North
7	CUMBERLAND	VINLAND CITY	2016	12/22/2016	Stop Control	Right Angle	Fatal Injury	County	2		1	1	0	0	No		Local	CUMBERLAND COUNTY 694	East	694	06000694	3.16	Yes	N EAST AVE	45	45	South	North
8	CUMBERLAND	UPPER DEERFIELD TWP	2017	3/20/2017	Traffic Signal	Right Angle	Fatal Injury	County	2		1	2	0	0	No		Minor Arterial	CUMBERLAND COUNTY 611	North	611	06000611	1.98	Yes	ROUTE 552 / SHELLEY AVE	45	45	North	West
9	CUMBERLAND	UPPER DEERFIELD TWP	2017	5/1/2017	Stop Control	Right Angle	Fatal Injury	County	2		2	2	0	0	No		Local	CUMBERLAND COUNTY 612	East	612	06000612	1.99	Yes	CR 630 / OLD DEERFIELD PIKE	55	40	South	East
10	CUMBERLAND	DEERFIELD TWP	2017	8/11/2017	Stop Control	Right Angle	Fatal Injury	County	2		1	1	0	0	No		Minor Arterial	CUMBERLAND COUNTY 609	East	609	06000609	4.06	Yes	CR 609 / MORTON AVE	50	50	North	East
11	CUMBERLAND	VINLAND CITY	2017	12/29/2017	Traffic Signal	Fixed Object	Suspected Serious Injury	County	1		0	1	0	0	No		Minor Arterial	CUMBERLAND COUNTY 613	West	613	06000613	4.33	Yes	W CHESTNUT AVE	40	40	West	East
12	CUMBERLAND	BRIDGETON CITY	2018	5/12/2018	Traffic Signal	Right Angle	Fatal Injury	County	2		0	0	0	0	No		Not a HHSMS Reportable Trafficway	ROUTE 552	West	552	06000552	1.14	Yes	CR 658 / BURLINGTON RD	40	35	West	East
13	CUMBERLAND	VINLAND CITY	2018	8/20/2018	No Control	Same Direction - Sideswipe	Suspected Serious Injury	County	2		0	2	0	0	No		Minor Arterial	ROUTE 540	North	540	06000540	35.96	Yes	ADAMS AVE	40	25	North	North
14	CUMBERLAND	VINLAND CITY	2018	8/29/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	CUMBERLAND COUNTY 605	South	605	06000605	3.63	Yes	WINDMILL RD	50	40	North	East
15	CUMBERLAND	MILLVILLE CITY	2018	12/28/2018	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Not a HHSMS Reportable Trafficway	ROUTE 553 SPUR	South	553	06000553		Yes	DOCK STREET	25	25	East	South
16	CUMBERLAND	HOPWELL TWP	2019	4/23/2019	Stop Control	Right Angle	Fatal Injury	County	2		0	5	0	0	No		Major Collector	CUMBERLAND COUNTY 627	North	607	06000607	4.51	Yes	CR 661 / BARRETT'S RUN RD	50	25	North	South
17	CUMBERLAND	MILLVILLE CITY	2019	6/11/2019	Stop Control	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	No		Minor Arterial	ROUTE 555	North	555	06000555	11.76	Yes	WHITAKER AVE	25	45	West	North
18	CUMBERLAND	DEERFIELD TWP	2019	8/26/2019	No Control	Right Angle	Suspected Serious Injury	County	2		0	0	0	0	No		Minor Arterial	CUMBERLAND COUNTY 604	North	604	06000604	1.00	Yes	CR 604 / MORTON RD	25	40	West	West
19	CUMBERLAND	BRIDGETON CITY	2019	7/26/2019	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	0	0	0	No		Minor Arterial	ROUTE 555	West	555	06000555	15.21	Yes	BUCKLE AVE	45	35	East	West
20	CUMBERLAND	VINLAND CITY	2019	8/25/2019	Traffic Signal	Same Direction - Rear End	Suspected Serious Injury	County	2		0	1	0	0	No		Major Collector	CUMBERLAND COUNTY 672	East	672	06000672	1.12	Yes	ROUTE 540 / LANDIS AVE	40	40	South	South
21	CUMBERLAND	KAULEA RIVER TWP	2019	11/21/2019	Stop Control	Right Angle	Fatal Injury	County	1		0	0	0	0	No		Major Collector	ROUTE 548	West	548	06000548	0.00	Yes	CR 548 / DELSAR RD	25	40	West	West
22	CUMBERLAND	MILLVILLE CITY	2020	1/9/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	No		Minor Arterial	CUMBERLAND COUNTY 610	South	610	06000610	10.76	Yes	ROUTE 555 / SPOONING CREEK RD	50	50	North	South
23	CUMBERLAND	VINLAND CITY	2020	2/8/2020	No Control	Same Direction - Rear End	Suspected Serious Injury	County	2		1	1	0	0	No		Minor Arterial	CUMBERLAND COUNTY 615	South	655	06000655	1.26	Yes	BANDYVANE DR	50	25	North	South
24	CUMBERLAND	VINLAND CITY	2020	5/1/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Minor Arterial	CUMBERLAND COUNTY 655	South	655	06000655	4.76	Yes	CHESTNUT AVE	50	50	North	North
25	CUMBERLAND	VINLAND CITY	2020	5/13/2020	Stop Control	Fixed Object	Suspected Serious Injury	County	1		0	1	0	0	Yes		Minor Arterial	CUMBERLAND COUNTY 615 S	East	615	06000615	4.64	Yes	WALNUT RD	40	35	West	South
26	CUMBERLAND	VINLAND CITY	2020	6/18/2020	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	4	0	0	No		Major Collector	CUMBERLAND COUNTY 628	South	628	06000628	3.72	Yes	CHESTNUT AVE	40	40	North	South
27	CUMBERLAND	MILLVILLE CITY	2020	8/15/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	ROUTE 555	East	555	06000555	10.75	Yes	I ST	35	35	West	North
28	CUMBERLAND	VINLAND CITY	2020	8/21/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Local	CUMBERLAND COUNTY 681	North	681	06000681	2.52	Yes	CR 615 N / N EAST BLVD	45	50	West	South
29	CUMBERLAND	MILLVILLE CITY	2020	8/26/2020	No Control	Right Angle	Suspected Serious Injury	County	2		0	4	0	0	No		Major Collector	ROUTE 555	South	555	06000555	6.44	Yes	CR 626 / BUCKSHITEM RD	50	50	North	South
30	CUMBERLAND	VINLAND CITY	2020	9/15/2020	No Control	Fixed Object	Suspected Serious Injury	County	1		1	1	0	0	Yes		Minor Arterial	CUMBERLAND COUNTY 633 S	West	633	06000633	4.30	Yes	W CHESTNUT AVE	40	25	North	South
31	CUMBERLAND	VINLAND CITY	2020	10/17/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	No		Major Collector	CUMBERLAND COUNTY 628	North	628	06000628	2.72	Yes	MILL RD	40	35	West	North
32	CUMBERLAND	VINLAND CITY	2020	11/18/2020	Stop Control	Right Angle	Fatal Injury	County	2		1	1	0	0	No		Minor Arterial	CUMBERLAND COUNTY 694	West	694	06000694	0.75	Yes	MILL RD	50	40	North	South
33	CUMBERLAND	VINLAND CITY	2020	12/28/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	1	0	0	No		Local	CUMBERLAND COUNTY 674	East	674	06000674	2.15	Yes	WEST AVE	45	40	West	East
34	CUMBERLAND	MILLVILLE CITY	2021	4/2/2021	Stop Control	Right Angle	Fatal Injury	County	2		0	1	0	0	No		Minor Arterial	CUMBERLAND COUNTY 630	South	610	06000610	9.72	Yes	DUMONT DRIVE	50	25	North	South
35	CUMBERLAND	VINLAND CITY	2021	7/16/2021	No Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Minor Arterial	ROUTE 552	East	552	06000552	10.72	Yes	BRUNETTA DR	50	40	South	North
36	CUMBERLAND	VINLAND CITY	2021	7/20/2021	Stop Control	Fixed Object	Suspected Serious Injury	County	1		0	1	0	0	Yes		Minor Arterial	CUMBERLAND COUNTY 635	East	635	06000635	2.66	Yes	SPRING RD	50	50	South	North
37	CUMBERLAND	MILLVILLE CITY	2021	9/6/2021	Stop Control	Pedestrian	Suspected Serious Injury	County	1	1	0	1	0	0	No		Major Collector	CUMBERLAND COUNTY 630	East	630	06000630	8.30	Yes	CR 670 / BUCKSHITEM RD	50	50	North	South
38	CUMBERLAND	MILLVILLE CITY	2021	10/3/2021	No Control	Same Direction - Rear End	Suspected Serious Injury	County	3		0	5	0	0	No		Major Collector	ROUTE 555	West	555	06000555	8.76	Yes	POPLAR DR	45	25	East	East
39	CUMBERLAND	VINLAND CITY	2021	10/24/2021	Traffic Signal	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Minor Arterial	CUMBERLAND COUNTY 636	South	606	06000606	4.76	Yes	CHESTNUT AVE	40	40	North	South
40	CUMBERLAND	BRIDGETON CITY	2021	11/27/2021	No Control	Fixed Object	Suspected Serious Injury	County	1		0	2	0	0	No		Minor Arterial	CUMBERLAND COUNTY 606	South	606	06000606	0.88	Yes	CR 607 / BRIDGETON AVE	25	25	North	South
41	CUMBERLAND	VINLAND CITY	2022	2/17/2022	Traffic Signal	Right Angle	Suspected Serious Injury	County	3		0	6	0	0	No		Major Collector	ROUTE 555	North	555	06000555	11.70	Yes	ROUTE 552 / SHERMAN AVE	40	50	North	West
42	CUMBERLAND	VINLAND CITY	2022	4/13/2022	No Control	Left Turn/ Turn	Suspected Serious Injury	County	2		0	1	0	0	No		Minor Arterial	CUMBERLAND COUNTY 674	West	674	06000674	0.75	Yes	MILL RD	50	40	West	South
43	CUMBERLAND	MILLVILLE CITY	2022	8/9/2022	Stop Control	Right Angle	Fatal Injury	County	2		1	0	0	0	No		Minor Arterial	ROUTE 555	North	555	06000555	11.59	Yes	LADLOW AVE	45	25	South	East

 Not Mapped

Cumberland County Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)

Legend

-  Traffic Signal-Municipal
-  Flasher-Municipal
-  Stop Control-Municipal
-  No Control-Municipal



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

**CUMBERLAND COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	CUMBERLAND	MILLVILLE CITY	2018	5/17/2018	No Control	Pedalcyclist	Fatal Injury	Municipal	1		1	1	0	0	0	0	No	Not a HPMS Reportable Trafficway	NORTH STREET	North			Yes	EAST FOUNDRY STREET	25	25	North	
2	CUMBERLAND	MILLVILLE CITY	2018	12/15/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	0	0	0	No	Local	BUCK ST **	North		06101148	0.00	Yes	HARRISON AVE	25	25	North	South
3	CUMBERLAND	MILLVILLE CITY	2019	2/15/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	4	0	0	No	Local	BUCK ST **	North		06101148	0.00	Yes	HARRISON AVE	25	25	North	South
4	CUMBERLAND	MILLVILLE CITY	2020	5/16/2020	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No	Local	10TH ST / GATES BLVD **	East		06101006	0.91	Yes	PINE ST	25	25		
5	CUMBERLAND	MILLVILLE CITY	2021	8/30/2021	Traffic Signal	Pedalcyclist	Fatal Injury	Municipal	1			0	0	0	0	No	Major Collector	BROAD ST	West		06101393	0.15	Yes	ROUTE 555 / N BIRD ST	25	25		
6	CUMBERLAND	MILLVILLE CITY	2022	8/6/2022	Stop Control	Fixed Object	Fatal Injury	Municipal	1			1	0	0	0	No	Local	CRESCENT BLVD / DUNCE LN **	West		06101260	0.10	Yes	CLOVER LN	25	25	West	
7	CUMBERLAND	VINELAND CITY	2015	2/24/2015	No Control	Pedestrian	Fatal Injury	Municipal	1	1		0	1	0	No	Minor Arterial	N 36	South	56	0000056	8.39	Yes	DORIN TER	40	25	West		
8	CUMBERLAND	VINELAND CITY	2016	6/1/2016	Traffic Signal	Right Angle	Fatal Injury	Municipal	2			0	0	0	No	Minor Arterial	N 36	West	56	0000056	8.21	Yes	HILL RD	45	40	South	East	
9	CUMBERLAND	VINELAND CITY	2016	9/7/2016	Stop Control	Right Angle	Fatal Injury	Municipal	2			1	0	0	No	Not a HPMS Reportable Trafficway	PANTHER RD	North				Yes	DANTE AVE	45	45	West	East	
10	CUMBERLAND	VINELAND CITY	2017	1/1/2017	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No	Not a HPMS Reportable Trafficway	BROAD LN	North				Yes	MORRIS WALTER	25	25	North	West
11	CUMBERLAND	VINELAND CITY	2017	5/27/2017	Stop Control	Fixed Object	Suspected Serious Injury	Municipal	2			0	1	0	0	No	Not a HPMS Reportable Trafficway	EAST AVE	South				Yes	GRANT AVE	45	45	East	
12	CUMBERLAND	VINELAND CITY	2018	3/15/2018	No Control	Pedestrian	Suspected Serious Injury	Municipal	2	1		0	2	0	1	No	Not a HPMS Reportable Trafficway	SOUTH EAST BLVD	South		06141380	3.01	Yes	MONTROSS ST	35	25	North	East
13	CUMBERLAND	VINELAND CITY	2018	8/19/2018	No Control	Same Direction - Rear End	Fatal Injury	Municipal	2			1	1	0	0	Yes	Not a HPMS Reportable Trafficway	W CHESTNUT AVE	West				Yes	NOTTINGHAM DR	40	25	West	West
14	CUMBERLAND	VINELAND CITY	2018	8/19/2018	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No	Local	PANTHER RD **	South		06141380	2.03	Yes	DANTE AVE	45	45	South	South
15	CUMBERLAND	VINELAND CITY	2019	9/23/2019	No Control	Right Angle	Suspected Serious Injury	Municipal	2			2	0	0	0	No	Major Collector	SOUTH WEST BLVD	East		06141390	0.00	Yes	BURNS AVE	40	40	South	North
16	CUMBERLAND	VINELAND CITY	2019	12/7/2019	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2			3	0	0	0	No	Not a HPMS Reportable Trafficway	W PINE AVE **	West				Yes	WEST AVE	35	40	West	East
17	CUMBERLAND	VINELAND CITY	2019	3/1/2019	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	Municipal	2			0	1	0	0	No	Minor Arterial	N 56	West	56	0000056	8.21	Yes	MILL RD	45	40	West	South
18	CUMBERLAND	VINELAND CITY	2019	1/16/2019	Traffic Signal	Right Angle	Fatal Injury	Municipal	2			0	0	0	0	No	Major Collector	W 36	East	56	0000056	8.21	Yes	W 36	45	45	South	South
19	CUMBERLAND	VINELAND CITY	2019	11/2/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	0	0	0	No	Major Collector	ELMER RD	West		06141321	1.32	Yes	EAST AVE	40	45	West	East
20	CUMBERLAND	VINELAND CITY	2019	12/9/2019	Stop Control	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No	Not a HPMS Reportable Trafficway	EIGHTH ST **	West				Yes	WALNUT RD	25	35	East	South
21	CUMBERLAND	VINELAND CITY	2020	1/17/2020	No Control	Pedestrian	Suspected Serious Injury	Municipal	1			0	1	0	0	No	Local	SEVENTH ST **	West		06141390	0.76	Yes	THIRD ST	25	25		
22	CUMBERLAND	VINELAND CITY	2020	6/22/2020	No Control	Pedestrian	Fatal Injury	Municipal	1	1		0	1	0	0	No	Major Collector	GRANT ST	North		06141305	2.14	Yes	EAST AVE / PINE AVE	45	25	North	
23	CUMBERLAND	VINELAND CITY	2020	6/13/2020	Stop Control	Pedalcyclist	Suspected Serious Injury	Municipal	1		1	0	1	0	0	No	Local	WOOD ST	West		06141356	0.76	Yes	THIRD ST	25	25		
24	CUMBERLAND	VINELAND CITY	2020	7/23/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2			0	1	0	0	No	Major Collector	ROUTE 540	North	540	00000540	33.74	Yes	N WEST AVE	40	40		
25	CUMBERLAND	VINELAND CITY	2020	10/13/2020	Traffic Signal	Right Angle	Suspected Serious Injury	Municipal	2			0	2	0	0	No	Not a HPMS Reportable Trafficway	E CHESTNUT AVE	South				Yes	S WALKER AVE	40	30		
26	CUMBERLAND	VINELAND CITY	2021	10/9/2021	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	Municipal	2			0	2	0	0	No	Local	N SEVENTH ST / SEVENTH ST **	West		06141392	0.51	Yes	CHESTNUT AVE	40	25	South	North
27	CUMBERLAND	VINELAND CITY	2021	12/10/2021	No Control	Same Direction - Rear End	Suspected Serious Injury	Municipal	2			0	1	0	0	No	Major Collector	EAST AVE / N EAST AVE	North		06141025	1.49	Yes	ALMOND ST	35	25	North	West
28	CUMBERLAND	VINELAND CITY	2022	6/10/2022	Traffic Signal	Left Turn/U Turn	Suspected Serious Injury	Municipal	2			0	3	0	0	No	Major Collector	CHESTNUT AVE	South		06141029	1.17	Yes	SEVENTH ST	25	40	West	South

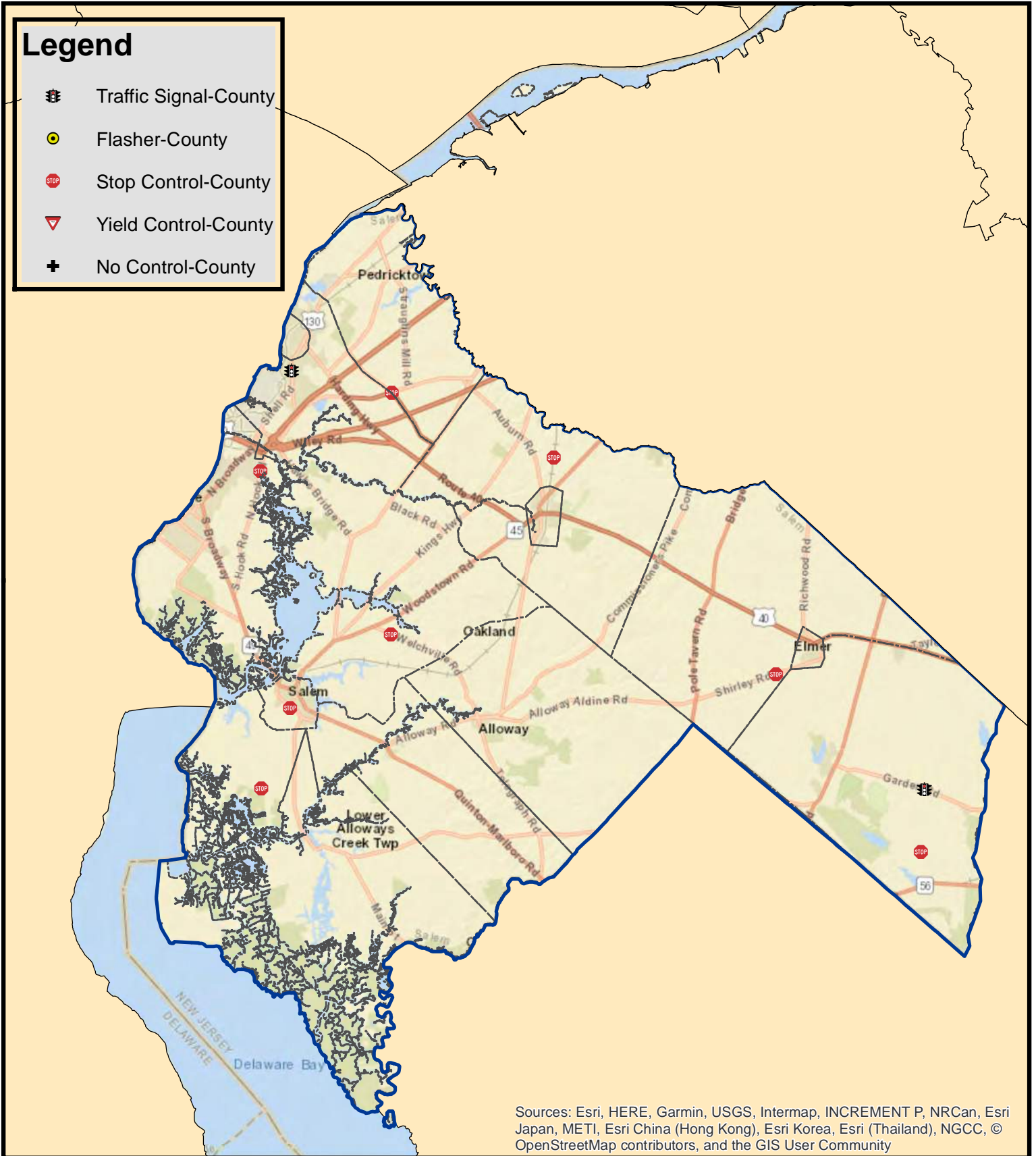
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Salem County

Fatal and Suspected Serious Injury Crashes At Intersections on County Roadways (2015-2022)

Legend

-  Traffic Signal-County
-  Flasher-County
-  Stop Control-County
-  Yield Control-County
-  No Control-County



**SALEM COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON COUNTY ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction
1	SALEM	PITTSBORO TWP	2015	8/29/2015	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	2	0	0	No		Major Collector	ROUTE 540	West	540	0000540	29.53	Yes	CR 655 / ALVIN RD	35	35	West	North
2	SALEM	PITTSBORO TWP	2016	5/14/2016	Traffic Signal	Right Angle	Fatal Injury	County	2		2	0	0	0	No		Local	SALEM COUNTY 645	North	645	17000645	3.16	Yes	CR 674 / ALVINE RD	50	50	East	West
3	SALEM	PITTSBORO TWP	2016	8/3/2016	Stop Control	Right Angle	Fatal Injury	County	2		1	1	0	0	No		Major Collector	SALEM COUNTY 605	South	605	17000605	0.97	Yes	CR 660 / POINT HRY RD	50	25	West	East
4	SALEM	SALEM CITY	2017	5/1/2017	Stop Control	Right Angle	Suspected Serious Injury	County	2		0	3	0	0	No		Note a HMA's Reversible Trafficway	SALEM COUNTY 623	East	623	17000623		Yes	WALNUT STREET	25	25	South	North
5	SALEM	MINNERTON TWP	2017	6/24/2017	Stop Control	Right Angle	Fatal Injury	County	2		0	0	0	0	No		Major Collector	ROUTE 540	South	540	0000540	9.28	Yes	CR 655	50	50	East	South
6	SALEM	PITTSBORO TWP	2019	5/11/2019	Stop Control	Front Endent	Suspected Serious Injury	County	1		0	1	0	0	No		Major Collector	SALEM COUNTY 624	West	624	17000624	2.56	Yes	MASON POINT ROAD	35	30	West	
7	SALEM	UPPER PITTSBORO TWP	2019	12/3/2019	Stop Control	Right Angle	Fatal Injury	County	2		1	1	0	0	No		Major Collector	SALEM COUNTY 611	West	611	17000611	8.98	Yes	CR 677 / BURLINGTON RD	50	30	East	West
8	SALEM	CARNEYS POINT TWP	2020	4/20/2020	Traffic Signal	Same Direction, Head-On	Suspected Serious Injury	County	3		0	1	0	0	No		Local	SALEM COUNTY 641	West	641	17000641	1.12	Yes	HS RD / SHELL RD	30	35		
9	SALEM	CARNEYS POINT TWP	2020	5/13/2020	Stop Control	Right Angle	Suspected Serious Injury	County	2		4	0	0	0	No		Local	SALEM COUNTY 641	West	641	17000641	3.55	Yes	ROUTE 551 / PENNSVILLE AUBURN RD	50			
10	SALEM	CARNEYS POINT TWP	2021	10/8/2021	Stop Control	Opposite Direction (Head On)	Fatal Injury	County	2		1	0	0	0	No		Minor Arterial	ROUTE 551	South	551	0000551	3.95	Yes	HUMPHREYS AVE	50	25	East	North

Not Mapped

Salem County

Fatal and Suspected Serious Injury Crashes At Intersections on Municipal Roadways (2015-2022)



**SALEM COUNTY
FATAL AND SUSPECTED SERIOUS INJURY CRASHES (2015-2022)
AT INTERSECTIONS ON MUNICIPAL ROADWAYS**

County	Municipality	Year	Occurrence Date	Traffic Control	Crash Type	Severity Rating Code	Road System	Number of Vehicles Involved	Pedestrian Involved	Cyclist Involved	Total Killed	Total Injured	Pedestrians Killed	Pedestrians Injured	Alcohol Involved	Hit and Run Accident	Functional Class	Location	Location Direction	Route Number	Standard Route Identifier	Milepost Number	Cross Street Intersection	Cross Street Name	Posted Speed Limit	Cross Street Posted Speed Limit	Vehicle 1 Travel Direction	Vehicle 2 Travel Direction	
1	SALEM	PILESGROVE TWP	2016	9/30/2016	Stop Control	Right Angle	Fatal Injury	Municipal	2		1	2	0	0	No		Not a HPMS Reportable Trafficway	FEATHERBED LN	East					Yes	SHARPTOWN AUBURN ROAD	50	50	South	East

Not Mapped

ATTACHMENT B

SIGNALIZED INTERSECTION SAFETY STRATEGIES



CATEGORY A: REDUCE FREQUENCY AND SEVERITY OF INTERSECTION CONFLICTS THROUGH TRAFFIC CONTROL AND OPERATIONAL IMPROVEMENTS



A1 – Replace permissive left turns with protected left turns

Where to use - Signalized intersections with a high frequency of angle crashes involving left turning and opposing through vehicles. A properly timed protected left-turn phase can also help reduce rear-end and sideswipe crashes between left-turning vehicles and the through vehicles behind them.

Keywords: protected, permissive, signal phasing

SIG

A2 – Optimize change and clearance intervals

Where to use - Signalized intersections with a high frequency of crashes related to change interval lengths that are possibly too short. These crashes include angle crashes between vehicles continuing through the intersection after one phase has ended and the vehicles entering the intersection on the following phase. Rear-end crashes may also be a symptom of short change intervals.

Keywords: change interval, signal phasing, signal timing

SIG

A3 – Restrict or eliminate turning maneuvers

Where to use - Signalized intersections with a high frequency of crashes related to turning maneuvers. For right turn on red (RTOR), the target of this strategy is right-turning vehicles that are involved in rear-end or angle crashes with cross-street vehicles approaching from the left or vehicles turning left from the opposing approach, and crashes involving pedestrians.

Keywords: right turn on red

PED SIG

A4 – Employ signal coordination

Where to use - Signalized intersections with a high frequency of crashes involving major street left-turning and minor street right-turning vehicles where adequate safe gaps in opposing traffic are not available. Major road rear-end crashes associated with speed changes can also be reduced by re-timing signals to promote platooning.

Keywords: signal coordination, signal timing, cycles

PED

A5 – Employ emergency vehicle preemption

Where to use - Signalized intersections where normal traffic operations impede emergency vehicles and where traffic conditions create a potential for conflicts between emergency and non-emergency vehicles.

A6 – Remove unwarranted signal

Where to use - Signalized intersections where the traffic volumes and safety record do not warrant a traffic signal.

Keywords: unwarranted, remove signal

A7 – Change green signal to flashing yellow arrow for permissive left turns

Where to use - Signalized intersections with high frequency of angle crashes involving left-turning and opposing through vehicles. The flashing yellow arrow (FYA) can be used in place of the simple circular green light and other signals to help convey the message that left-turning drivers need to yield to on-coming traffic.

Keywords: FYA, flashing yellow arrow, phasing, left turn, protected, permissive

A8 – Install/implement pedestrian signal improvements

Where to use - Signalized intersections with conflicts between vehicles and pedestrians crossing at the intersection, high volume of crossing pedestrians or bicyclists, vehicles not yielding to pedestrians in crosswalk, and high pedestrian delay due to few available gaps in traffic. Measures can include increasing pedestrian clearance intervals (or increasing the cycle length for pedestrian crossing), implementing leading pedestrian interval and installing pedestrian pushbuttons and pedestrian countdown signals.

Keywords: pedestrian, crossing, cycle length, signal phasing, pedestrian interval, countdown

PED

A9 – Install bicycle signal

Where to use - Signalized intersections with conflicts between vehicles and bicycles crossing at the intersection, high volume of bicyclists, vehicles not yielding to bicyclists.

BIKE

CATEGORY B: REDUCE INTERSECTION CONFLICTS THROUGH GEOMETRIC IMPROVEMENTS



B1 – Provide/improve turn lane channelization

Where to use - Signalized intersections with a high frequency of rear-end collisions resulting from conflicts between: (1) vehicles turning and following vehicles; and (2) vehicles from downstream intersection crossing traffic lanes to enter turn lane. The channelization can also provide a pedestrian refuge area and reduce pedestrian crossing distance.

Keywords: channelization, right turn, left turn, turn lane, raised curb

PED

B2 – Improve geometry of pedestrian and bicycle facilities

Where to use - Signalized intersections with high frequencies of pedestrian and/or bicycle crashes and on routes serving schools or other generators of pedestrian and bicycle traffic. Measures can include curb radius reduction, curb extension, pedestrian refuge/raised median, and raised intersections.

Keywords: pedestrian, widen sidewalk at intersection, raised intersection

SIG BIKE PED P

B3 – Utilize innovative intersection geometry

Where to use - Signalized intersections with high levels of crashes on a leg where other low-cost strategies have not been successful or are not considered appropriate.

P E

B4 – Corridor access management - implement median closures

Where to use - Signalized intersections with patterns of crashes related to particular turning maneuvers where drivers have difficulties finding an acceptable gap in traffic.

Keywords: access points, access management

SIG P

B5 – Provide right-turn lanes at intersections

Where to use - Signalized intersections with conflicts between right-turning vehicles and following vehicles, and significant right-turn volume along major road.

Keywords: access points

SIG P

CATEGORY C: IMPROVE SIGHT DISTANCE AT SIGNALIZED INTERSECTIONS



C1 – Clear sight triangles

Where to use - Signalized intersections where there is a high frequency of crashes between vehicles turning right on red from one street and through vehicles on the other street or crashes involving left turning traffic where landscaped medians are present.

Keywords: triangle sight distance

SIG BIKE PED

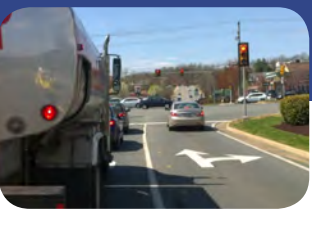
C2 – Increase positive turn lane offset

Where to use - Signalized intersections where there is a high number of crashes due to turning vehicles limiting the sight distance. Left-turning vehicles can limit the sight distance of left turning vehicles and opposing through vehicles. Right-turning vehicles can limit the sight distance of right-turning cross street traffic.

Keywords: turn lane, offset, positive offset, left-turn lane, right-turn lane

SIG BIKE PED

CATEGORY D: IMPROVE DRIVER AWARENESS OF INTERSECTIONS AND SIGNAL CONTROL



D1 – Improve visibility of intersections on approach(es)

Where to use - Signalized intersections with a high frequency of crashes attributed to drivers being unaware of the presence of the intersection.

D2 – Improve visibility of signals and signs at intersections

Where to use - Signalized intersections with a high frequency of right-angle and rear-end crashes occurring because drivers are unable to see traffic signals and signs sufficiently in advance to safely negotiate the intersection being approached.

Keywords: signal visibility

SIG

D3 – Install/add one signal head per lane

Where to use - Signalized intersections with a high frequency of crashes caused by driver indecision in lane assignment.

Keywords: add signal, signal head

SIG

D4 – Install larger 12" signal heads

Where to use - Signalized intersections with a crash history or observed conflicts involving lack of awareness of the intersection or traffic control and observed speeding on approaches to the intersection.

Keywords: signal lense, signal head

SIG

D5 – Install signal backplate/retroreflective backplates

Where to use - Signalized intersections with poor visibility of the intersection from approaches, a crash history or observed conflicts involving lack of awareness of the intersection or traffic control, and observed speeding on approaches to the intersection.

Keywords: retroreflective, backplate

P

D6 – Install intersection warning devices

Where to use - Signalized intersections with poor visibility of the intersection from approaches, conflicts involving lack of awareness of the intersection or traffic control, and observed speeding on approaches to the intersection. Intersection warning devices can include warning signs, beacons, and transverse rumble strips.

Keywords: advance warning sign, positive guidance

BIKE PED

D7 – Convert pole mounted to overhead signals

Where to use - Signalized intersections with poor visibility of the intersection from approaches, a crash history or observed conflicts involving lack of awareness of the intersection or traffic control, and observed speeding on approaches to the intersection.

Keywords: convert signal, pedestal mounted, mast arm

D8 – Install supplemental pole-mounted signal on near-side approach

Where to use - Signalized intersections with poor visibility of the intersection from approaches, a crash history or observed conflicts involving lack of awareness of the intersection or traffic control, and observed speeding on approaches to the intersection.

Keywords: add signal, signal head

SIG

CATEGORY E: IMPROVE DRIVER COMPLIANCE WITH TRAFFIC CONTROL DEVICES



E1 – Provide public information and education

Where to use - Signalized intersections with a high frequency of crashes related to drivers either being unaware of (or refusing to obey) traffic laws and regulations that impact traffic safety (especially red-light running, speeding, and not yielding to pedestrians).

BIKE PED

E2 – Provide targeted conventional enforcement of traffic laws

Where to use - Signalized intersections with a high frequency of crashes related to drivers either being unaware of (or refusing to obey) traffic laws and regulations that impact traffic safety.

BIKE PED SIG

E3 – Post reasonable, safe, and consistent speed limits on intersection approaches

Where to use - Signalized intersections with a high frequency of crashes attributed to drivers who intentionally disobey posted approach speed limits.

Keywords: speed, speed management

CATEGORY F: IMPROVE ACCESS MANAGEMENT NEAR SIGNALIZED INTERSECTIONS



F1 – Modify driveway access

Where to use - Signalized intersections with high crash frequencies related to driveways adjacent to the intersection. Generally, driveways within 250 feet of the intersection are the greatest concern.

Keywords: relocation, driveway, closure

P

F2 – Corridor access management - implement median closures

Where to use - Approaches to signalized intersections with a high frequency of crashes involving drivers making turns across medians.

Keywords: open median, closed median

P

CATEGORY G: IMPROVE SAFETY THROUGH OTHER INFRASTRUCTURE TREATMENTS



G1 – Improve drainage in intersection and on approaches

Where to use - Signalized intersections with a high frequency of crashes that are related to wet pavement from poor drainage. Such crashes involve vehicles that hydroplane and, hence, are not able to stop when required.

G2 – Provide high friction surface treatment in intersection and on approaches

Where to use - Signalized intersection approaches where skidding is determined to be a problem, especially in wet conditions.

Keywords: pavement, friction, condition, skid resistance

SIG

G3 – Coordinate closely spaced signals near at-grade railroad crossings

Where to use - Signalized intersections in close proximity to at-grade railroad crossings with a high frequency of crashes. This situation presents a significant potential for vehicle-train crashes, but vehicle-vehicle crashes could also occur if drivers try to speed through an intersection to avoid waiting in a queue near the railroad crossing.

PED

G4 – Relocate signal hardware out of clear zone

Where to use - Signalized intersections where signal hardware is located within the clear zone or is a sight obstruction (particularly on high-speed approaches).

Keywords: fixed objects, clear zone

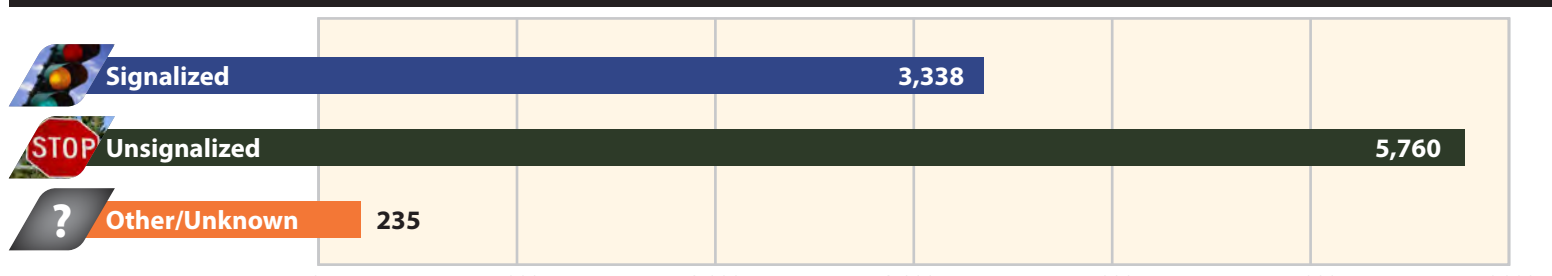
G5 – Restrict or eliminate parking on intersection approaches

Where to use - Signalized intersections with permitted parking on the approaches that may present a safety hazard either by blocking sight distance or due to parking maneuvers.

Keywords: on-street parking

BIKE PED

2013 INTERSECTION FATALITIES



Source: FARS, National Highway Traffic Safety Administration (2013). Available: http://safety.fhwa.dot.gov/intersection/resources/intsafetratbro/intersection_guide12.pdf

SAFETY CONCERN	SIGNALIZED COST		
	Low	Moderate	High
High frequency of right-angle crashes attributed to:			
nearby driveways		F2	F1
traffic from cross street	A2, A3	E2	
skewed intersection			
poor sight distance	A1, C1, G5	C2, G4	B3
drivers misjudging gaps	A1		
not enough gaps for drivers	A1	A4, B4	
driver unaware of intersection	D1, D2, D5, D6	C2	B4
nighttime conditions	D1, D2, D5		
right turning vehicles hit from side	A3, C1, G5	B1, G4	
High frequency of rear-end crashes attributed to:			
left turning vehicles hit from behind	A1	B1	B3
left opposing vehicles hit from behind		B1	B3
right turning vehicles hit from behind	A3	B1, B5	
standing water on roadway		G1	
vehicles unable to stop safely (skidding)		G2	
driver unaware of intersection	D1, D2, D5	D3, D4, D8	D7
nighttime conditions	D1, D2, D5	D4	D7
speed differentials of vehicles		A4, E3	
sudden stops	A2, A3	A4, D3	
High frequency of left-turn crashes attributed to:			
left turn vehicles hit by opposing traffic	A1, A3, A7, C1	B1, B4	B3
nighttime conditions	D1, D2, D5		
High frequency of sideswipe crashes attributed to:			
vehicles within intersection	A1	B1	
High frequency of pedestrian/bicycle crashes:			
on school routes or near generators of ped/bike traffic	A8	B2, E2	
vehicle/bicycle sideswipes on approaches		A9, G1	
with left turning vehicles	A1, A3	A9	
Address overall safety issues:			
violation of traffic laws	E1	A9, E2	
intersection near railroad crossing		G3	
intersection near fire station		A5	
excessive delay	A6		
disobedience of traffic signal	A6	A9, D3, D8	

Key to the Brochure

Costs:

Costs will also vary considerably and are affected by local conditions. Costs are ranked as: low, moderate, moderate to high, and high. The scale is meant to reflect costs relative to the other strategies described in the category (signalized or unsignalized).

● Low Cost Measure ● Moderate Cost Measure ● High Cost Measure

P FHWA Proven Safety Countermeasure:

More information about FHWA Proven Safety Countermeasures can be found at: <http://safety.fhwa.dot.gov/provencountermeasures/>

E FHWA Everyday Counts:

Every Day Counts (EDC) is an effort led by FHWA in cooperation with American Association of State and Highway and Transportation Officials (AASHTO) to identify and rapidly deploy proven but underutilized innovations to shorten the project delivery process, enhance roadway safety, reduce congestion and improve environmental sustainability. See <http://www.fhwa.dot.gov/everydaycounts/> for additional information.

Keywords:

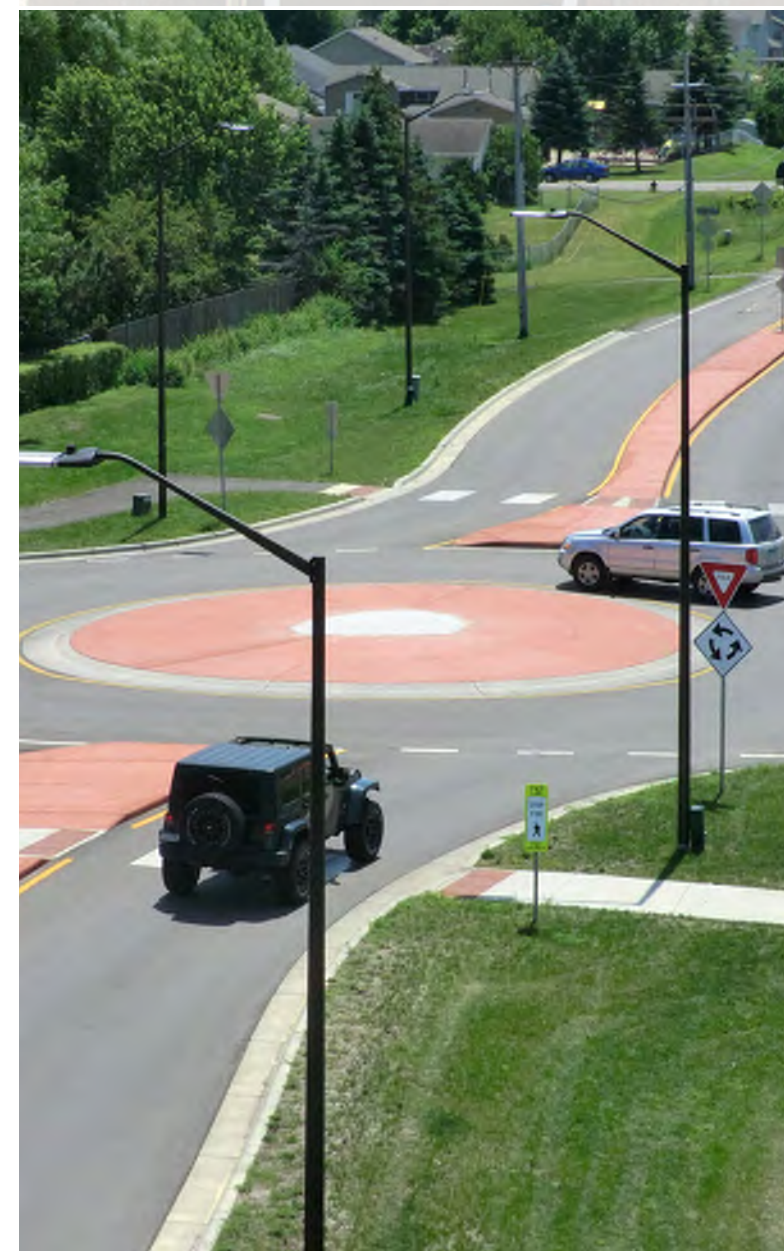
Keywords have been provided for those countermeasures with a crash modification factor in the CMF Clearinghouse (<http://www.cmfclearinghouse.org/>). Some countermeasures may be found using a variety of search terms and the keywords provided are examples of those terms. For those countermeasures without keywords listed, their effectiveness may not have been studied or submitted to the CMF clearinghouse.

SIG FHWA Signalized Intersections: An Informational Guide (2nd Edition): <http://safety.fhwa.dot.gov/intersection/signalized/13027/fhwa13027.pdf>

UNSIG Unsignalized Intersection Improvement Guide (NCHRP 03-104)

BIKE BIKESAFE 2014- Bicycle Safety Guide and Countermeasure Selection System http://pedbikesafe.org/BIKESAFE/guide_background.cfm

PED PEDSAFE 2013- Pedestrian Safety Guide and Countermeasure Selection System http://pedbikesafe.org/PEDSAFE/guide_background.cfm



Intersection Safety Strategies

Second Edition

For more information, please visit: <http://safety.fhwa.dot.gov>

UNSIGNALIZED INTERSECTION SAFETY STRATEGIES

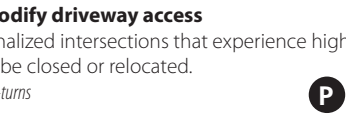


CATEGORY A: IMPROVE MANAGEMENT OF ACCESS

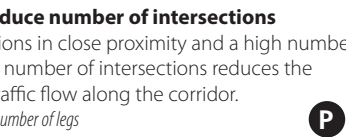
A1 – Corridor access management - reduce driveway conflicts
Where to use - Unsignalized intersections with high crash frequencies related to driveways adjacent to the intersection. Generally, driveways within 250 feet of the intersection are the greatest concern.
Keywords: driveway closure, driveway relocation, access management, reduce driveways



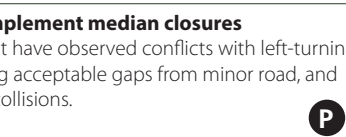
A2 – Corridor access management - modify driveway access
Where to use - Driveways located near unsignalized intersections that experience high crash frequencies but that cannot practically be closed or relocated.
Keywords: access management, turn prohibitions, prohibit left-turns



A3 – Corridor access management - reduce number of intersections
Where to use - Corridors with many intersections in close proximity and a high number of intersection related crashes. Reducing the number of intersections reduces the number of conflict points and can improve traffic flow along the corridor.
Keywords: intersection spacing, access management, change number of legs



A4 – Corridor access management - implement median closures
Where to use - Unsignalized intersections that have observed conflicts with left-turning vehicles from the major or minor road, finding acceptable gaps from minor road, and where driveway access causes delay and/or collisions.
Keywords: closed median, convert open medians



CATEGORY B: REDUCE CONFLICTS THROUGH GEOMETRIC DESIGN IMPROVEMENTS

B1 – Provide left-turn lanes at intersections
Where to use - Unsignalized intersections with a high frequency of crashes resulting from the conflict between (1) vehicles turning left and following vehicles and (2) vehicles turning left and opposing through vehicles.
Keywords: provide left turn lane



B2 – Provide provide zero or positive offset left-turn lanes at intersections
Where to use - Unsignalized intersections with a high frequency of crashes between vehicles turning left and opposing through vehicles, as well as rear-end crashes between through vehicles on the opposing approach. Also at intersections on divided highways with medians wide enough to provide the appropriate offset but can be implemented on approaches without medians if sufficient width exists.
Keywords: positive offset turn lane

B3 – Provide left or right-turn bypass lanes on shoulders at T-intersections
Where to use - At three-legged unsignalized intersections on two-lane highways with moderate through and turning volumes, especially intersections that have a pattern of rear-end collisions involving vehicles waiting to turn left from the highway.
Keywords: by-pass lane

B4 – Provide left-turn acceleration lanes in median at divided highway high speed intersections
Where to use - Unsignalized intersections with conflicts due to speed differential between entering vehicles and through vehicles, high left-turn volumes onto high-speed major roads, and significant delay for left-turning vehicles waiting for a suitable gap on the major road.
Keywords: provide right turn lane

B5 – Provide right-turn lanes at intersections
Where to use - Unsignalized intersections with a high frequency of rear-end crashes resulting from conflicts between (1) vehicles turning right and following vehicles and (2) vehicles turning right and through vehicles coming from the left on the cross street.
Keywords: provide right turn lane

B6 – Provide offset right-turn lanes at intersections
Where to use - Unsignalized intersections with a high frequency of crashes between vehicles on the minor road that are turning left, turning right, or proceeding straight through, and vehicles on the major road.
Keywords: offset right turn lane

B7 – Provide full-width paved shoulders in intersection areas
Where to use - Unsignalized intersections on divided highways with no shoulder or shoulder widths less than 8 feet that experience a high proportion of run-off-road crashes as a result of avoidance maneuvers or a high proportion of rear-end crashes that could have been avoided had a full-width paved shoulder been provided.
Keywords: shoulder width, 12 feet shoulder, pave full-width shoulder

B8 – Modify allowed turning maneuvers through geometric improvements
Where to use - Unsignalized intersections with patterns of crashes related to particular turning maneuvers where it is impractical to reduce that pattern of crashes by improving sight distance or providing a left-turn or shoulder bypass lane. Also, at locations where it is possible to restrict or eliminate turning maneuvers by providing channelization or by closing the median opening. (Replace direct left-turn with right-turn/U-turn).
Keywords: replace direct left with right turn / u turn

B9 – Convert four-legged intersections to offset T-intersections
Where to use - Unsignalized four-legged intersections with very low through volumes on the cross street.
Keywords: convert four-leg to two three-leg

B10 – Convert offset T-intersections to four-legged intersections
Where to use - Unsignalized offset T-intersections where through volumes on the cross street are very high.

B11 – Realign intersection approaches to reduce or eliminate intersection skew
Where to use - Unsignalized intersections with a high frequency of crashes resulting from insufficient intersection sight distance and awkward sight lines at a skewed intersection.
Keywords: change skew angle

B12 – Reduce or extend curb radius
Where to use - Unsignalized intersections with observed vehicles making right-turn movements at high speeds, high pedestrian traffic, poor visibility of on-coming traffic for pedestrians waiting to cross the road, and a crash history or observed conflicts between bicyclists and/or pedestrians and right-turning vehicles.
Keywords: widen sidewalk

B13 – Install medians and pedestrian crossing islands
Where to use - Unsignalized intersections with crossings that span multiple lanes and observed difficulty of pedestrians finding safe gaps in traffic to cross.
Keywords: raised median

B14 – Install roundabout or mini-roundabout
Where to use - Unsignalized intersections with a crash history or observed conflicts related to speeding through the intersection.
Keywords: roundabout

CATEGORY C: IMPROVE SIGHT DISTANCE

C1 – Clear sight triangles on stop- or yield-controlled approaches to intersections or in the medians of divided highways near intersections
Where to use - Unsignalized intersections or medians with restricted sight distance and patterns of crashes related to lack of sight distance, where sight distance can be improved by clearing roadside or median obstructions without major construction.
Keywords: increase triangle sight distance



C2 – Change horizontal and/or vertical alignment of approaches to provide more sight distance
Where to use - Unsignalized intersections with restricted sight distance due to horizontal and/or vertical geometry and with patterns of crashes related to that lack of sight distance that cannot be ameliorated by less expensive methods.
Keywords:

C3 – Eliminate parking that restricts sight distance
Where to use - Unsignalized intersections with restricted sight distance due to parking.
Keywords: prohibit on-street parking

CATEGORY D: IMPROVE AVAILABILITY OF GAPS AND ASSIST DRIVERS IN JUDGING GAPS

D1 – Install an intersection conflict warning system (ICWS)
Where to use - Unsignalized intersections with a crash history involving vehicles entering or crossing the major road, difficulty among drivers in determining appropriate gaps in traffic, and awareness of the intersection is lacking.
Keywords: install dynamic advance intersection warning system



D2 – Re-time adjacent signals to create gaps at stop-controlled intersections
Where to use - Unsignalized intersections (between signalized intersections) with a high frequency of right-angle or turning related crashes due to a lack of sufficient gaps in through traffic on the major road.

CATEGORY E: IMPROVE DRIVER AWARENESS

E1 – Improve visibility of intersections by providing enhanced signing and delineation
Where to use - Unsignalized intersections that are not clearly visible to approaching motorists, particularly approaching motorists on the major road. The strategy is particularly appropriate for intersections with patterns of rear-end, right-angle, or turning crashes related to lack of driver awareness of the presence of the intersection. Measures can include installing larger or supplementary regulatory and warning signs at intersections or providing dashed markings (extended left edge-lines) for major-road continuity across the median opening at divided highway intersection.



E2 – Improve visibility of the intersection by providing lighting
Where to use - Unsignalized, unlit intersections with substantial patterns of nighttime crashes. In particular, patterns of rear-end, right-angle, or turning crashes on the major-road approaches to an unsignalized intersection may indicate that approaching drivers are unaware of the presence of the intersection.
Keywords: illumination, lighting

E3 – Install splitter islands on the minor-road approach to an intersection
Where to use - Minor road approaches to unsignalized intersections where the presence of the intersection or the stop sign is not readily visible to approaching motorists. The strategy is particularly appropriate for intersections where the speeds on the minor road are high.
Keywords: channelizing separator islands, splitter island

E4 – Provide a stop line on minor-road approaches
Where to use - Approaches to unsignalized intersections having traffic control devices that are not currently being recognized by some approaching motorists. Locations should be identified by patterns of crashes related to lack of driver recognition of the traffic control device (e.g., right-angle crashes related to stop sign violations).
Keywords: centerline, stop bar, stop sign

E5 – Install transverse rumble strips on intersection approaches
Where to use - Approaches to unsignalized intersections with traffic control devices that are not currently being recognized by some approaching motorists. Locations should be identified by patterns of crashes related to lack of driver recognition of the traffic control device (e.g., right-angle crashes related to stop sign violations). Rumble strips should be considered after an adequate trial of less intrusive treatments.
Keywords: transverse rumble strips, stop controlled approach

E6 – Provide supplementary stop signs mounted over the roadway
Where to use - Unsignalized intersections with patterns of right-angle crashes related to lack of driver awareness of the presence of the intersection. In particular, it might be appropriate to use this strategy at the first stop-controlled approach (possibly of a series) located on a long stretch of highway without any required stops, or at an intersection located after a sharp horizontal curve.

E7 – Provide pavement markings with supplementary messages, such as STOP AHEAD
Where to use - Unsignalized intersections with patterns of rear-end, right-angle, or turning crashes related to lack of driver awareness of the presence of the intersection.
Keywords: STOP AHEAD, pavement marking

E8 – Provide improved maintenance and retroreflectivity of stop signs
Where to use - All stop-controlled intersections.
Keywords: retroreflectivity, stop sign

E9 – Install flashing beacons at stop-controlled intersections
Where to use - Unsignalized intersections with patterns of right-angle crashes related to lack of driver awareness of the intersection on an uncontrolled approach and lack of driver awareness of the stop sign on a stop-controlled approach.
Keywords: flashing beacon, stop controlled

E10 – Add a warning beacon to an existing regulatory or warning sign (Provide flashing beacons at stop controlled intersections)
Where to use - Unsignalized intersections with a crash history or observed vehicle conflicts caused by non-compliance with a traffic control device or lack of awareness of intersection traffic control and where the existing sign is not conspicuous in its surroundings.

E11 – Provide intersection warning signs
Where to use - Unsignalized intersections with poor visibility of the intersection from approaches, a crash history or observed conflicts involving lack of awareness of the intersection or traffic control, and observed speeding on approaches to the intersection.

E12 – Provide Advance Traffic Control Warning signs (Install advance warning signs (positive guidance))
Where to use - Unsignalized intersections with poor visibility of the intersection traffic control from one or more approaches.

E13 – Install post-mounted reflective delineators at the intersection
Where to use - Unsignalized intersections with a history of nighttime crashes, remote stretches in which intersections may not be conspicuous to drivers along the major road, and poor nighttime visibility of the intersection.

E14 – Install reflective strips on sign posts
Where to use - Unsignalized intersections with observed poor conspicuity of existing signs, particularly at night, crash history or observed conflicts due to lack of awareness of the intersection or intersection traffic control, especially at night, and observations of non-compliance with traffic control.
Keywords: enhance regulatory

E15 – Provide a yield line on yield-controlled approaches
Where to use - Unsignalized intersections with a crash history or observed conflicts related to failure to yield to the right-of-way.

E16 – Replace standard stop sign with flashing LED enhanced stop sign
Where to use - Unsignalized intersections with a crash history or observed vehicle conflicts caused by non-compliance with traffic control device or lack of awareness of intersection traffic control, an existing sign that is not conspicuous in its current surroundings, and poor sign visibility during low-light conditions.
Keywords: enhance warning

E17 – Install red or orange flags with a regulatory or warning sign
Where to use - Unsignalized intersections with conflicts caused by non-compliance with traffic control device or lack of awareness of intersection traffic control, an existing sign that is not conspicuous in its surroundings, and a recent change in traffic control or traffic regulation.

E18 – Enhance pedestrian signing
Where to use - Use such signs as a Pedestrian Warning sign (W11-2), Turning Vehicles Yield to Peds sign (R10-15), Pedestrian Crossing Sign (R1-5, R1-9, R9-2, R9-3), and In-Street Pedestrian Crossing Sign (R1-6) at unsignalized intersections with conflicts between vehicles and pedestrians crossing the roadway, vehicles that are not yielding to pedestrians in existing crosswalk or unmarked crosswalk.

E19 – Replace transverse crosswalk markings with high visibility markings
Where to use - Unsignalized intersections with conflicts between vehicles and pedestrians crossing the roadway, vehicles that are not yielding to pedestrians in existing crosswalk or unmarked crosswalk.

E20 – Provide advance yield line
Where to use - Unsignalized intersections with conflicts between vehicles and pedestrians crossing the roadway, vehicles that are not yielding to pedestrians in existing crosswalk.

CATEGORY F: CHOOSE APPROPRIATE INTERSECTION TRAFFIC CONTROL

F1 – Provide all-way stop-control at appropriate intersections
Where to use - Unsignalized intersections with patterns of right-angle and turning crashes and moderate and relatively balanced volumes on the intersection approaches.
Keywords: stop control, all-way stop



F2 – Provide roundabouts at appropriate locations
Where to use - Unsignalized intersections that are experiencing right-angle, rear-end, and turning crashes. Roundabouts are appropriate at most intersections, and at intersections with large traffic delays roundabouts are oftentimes a superior alternative to all-way stop or signalization. Roundabouts can also be very effective at intersections with complex geometry (e.g., more than four approach roads) and intersections with frequent left-turn movements.
Keywords: roundabout, unsignalized



F3 – Provide pedestrian hybrid beacon
Where to use - Unsignalized intersections with conflicts between vehicles and non-motorists crossing at the intersection, high volume of crossing pedestrians or bicyclists, vehicles not yielding to pedestrians in crosswalk, and high pedestrian delay due to few available gaps in traffic.
Keywords: high intensity activated crosswalk, pedestrian activated beacon



F4 – Provide rectangular rapid flashing beacon
Where to use - Unsignalized intersections with conflicts between vehicles and non-motorists crossing at the intersection, high volume of crossing pedestrians or bicyclists, vehicles not yielding to pedestrians in crosswalk, and high pedestrian delay due to few available gaps in traffic.



F5 – Convert a unsignalized intersection to an unsignalized restricted crossing U-turn (also known as a J-turn)
Where to use - Unsignalized intersections with conflicts involving left-turning vehicles or vehicles attempting to continue on the minor road by crossing the major road, insufficient gaps in major road traffic for left-turn or through movements from minor road, and conflicts involving vehicles in the median.
Keywords: super-street, j-turn, cut



CATEGORY G: IMPROVE COMPLIANCE WITH TRAFFIC CONTROL DEVICES AND TRAFFIC LAWS

G1 – Provide targeted enforcement to reduce stop sign violations
Where to use - Unsignalized intersections where stop sign violations and patterns of crashes related to stop sign violations have been observed. Crash types potentially related to stop sign violations include right-angle and turning collisions.



G2 – Provide targeted public information and education on safety problems at specific intersections
Where to use - Jurisdictions that have experienced a large number of safety problems at unsignalized intersections.

CATEGORY H: REDUCE OPERATING SPEEDS

H1 – Provide targeted speed enforcement
Where to use - Unsignalized intersections where speed violations and patterns of crashes related to speed violations are observed. Crash types potentially related to speed violations include right-angle, rear-end, and turning crashes.
Keywords: speed limit, speed limit sign



H2 – Provide traffic calming on intersection approaches through a combination of geometric and traffic control devices
Where to use - Specific approaches to unsignalized intersections that are experiencing crash types potentially related to speed violations, specifically right-angle, rear-end, and turning collisions.

H3 – Post reasonable, safe, and consistent speed limits on intersection approaches
Where to use - Unsignalized intersections experiencing a high frequency of speed related violations or crashes.
Keywords: lower posted speed, speed limit

H4 – Provide speed reduction pavement markings
Where to use - Unsignalized intersections with a citation history or observations of speeding on the approach to the intersection and conflicts due to lack of awareness of the intersection.

H5 – Provide a dynamic speed feedback sign
Where to use - Unsignalized intersections with a citation history or observations of speeding on approach to intersection, change in speed limit or land use (e.g., change from rural to urban), and changeable speed limit by time and day of the week (e.g., during school hours).
Keywords: changeable speed warning signs

H6 – Provide smooth lane narrowing
Where to use - high-speed, uncontrolled approaches of two-lane two-way stop controlled intersections with low traffic volumes to reduce speeds when approaching such intersections. Lane narrowing can be accomplished through pavement markings or a combination of pavement markings and edge line/shoulder/median rumble strips.
Keywords: lane narrowing, rumble strips, painted median

CATEGORY I: GUIDE MOTORISTS MORE EFFECTIVELY

I1 – Provide turn path markings
Where to use - Complex unsignalized intersections with a high frequency of crashes related to turning vehicle positioning (e.g., sideswipe crashes).
Keywords: channelization



I2 – Provide a double yellow centerline on the median opening of a divided highway at intersections
Where to use - Unsignalized intersections on divided highways that are experiencing a high degree of crashes caused by side-by-side queuing and angle stopping within the median area.

I3 – Provide a double yellow centerline on the minor road approaches
Where to use - Unsignalized intersections with conflicts between stopped vehicles and turning or oncoming vehicles and poor vehicle positioning.
Keywords: centerline, stop bar, stop sign

I4 – Provide dotted edge-line extensions
Where to use - Unsignalized intersections with vehicles on the minor approaches not positioning themselves appropriately before entering the major road and vehicles in the median of a divided roadway that are encroaching upon the major road through lane.

UNSIGNALIZED COST

SAFETY CONCERN	UNSIGNALIZED COST		
	Low	Moderate	High
High frequency of right-angle crashes attributed to:			
nearly driveways	A2, C1, C3	A1, B6, B8	
traffic from minor street	C1, C3, D2, E4	B6, B8, D1	A3, F2
skewed intersection			B11, C2, F2
poor sight distance	C1, C3, H3	D1	C2, F2
drivers misjudging gaps	H3, H6	A4, D1	F2, F5
not enough gaps for drivers	D2, F1	A4	B9, F2, F5
driver unaware of intersection	E1, E4-E14, E16, E17	E3	
nighttime conditions	E8	E2	
failure to yield at stop or yield sign	E1, E4, E20	G1	F2
possible signal location			F2
heavy but balanced traffic flow			F2
speed differentials of vehicles	H3, H6	A4, H1, H2	F2
High frequency of rear-end crashes attributed to:			
left turning vehicles hit from behind	B3	B1, B2, B3	F2
left opposing vehicles hit from behind		B2	F2
trucks and RVs entering divided highway		B4	
speed differential of entering vehicles		B4	F2
right turning vehicles hit from behind		B5, B6	B11, F2
approaching vehicles hit from behind		B7	
no left turn lane and high opposing traffic		B8	
driver unaware of intersection	E1, E5-E14, E16, E17	E3	
nighttime conditions		E2	
speed differentials of vehicles	H3, H4, H6	H1, H2, H5	F2
High frequency of left-turn crashes attributed to:			
left turn vehicles hit by opposing traffic		B1	B10, B14, C2, F2, F5
trucks and/or RVs entering divided highway		B4	
no left turn lane and high opposing traffic		B8	
nighttime conditions	E10	E2	
heavy but balanced traffic flow			F2
Poor sight distance			C2
High frequency of sideswipe crashes attributed to:			
speed differential of entering vehicles	H6		F2
vehicles within intersection	I1, I2	B12	
vehicles approaching intersection	I3		
High frequency of run off road crashes:			
approaching intersection	I4	B7	
High frequency of pedestrian/bicycle crashes:			
	E18-E20	B12-B13, F3-F4, H2	
Address overall safety issues:			
violation of traffic laws	G2	G1	

Key to the Brochure

Costs: Costs will also vary considerably and are affected by local conditions. Costs are ranked as: low, moderate, moderate to high, and high. The scale is meant to reflect costs relative to the other strategies described in the category (signalized or unsignalized).

● Low Cost Measure ● Moderate Cost Measure ● High Cost Measure

P FHW Proven Safety Countermeasure: More information about FHWA Proven Safety Countermeasures can be found at: <http://safety.fhwa.dot.gov/provencountermeasures/>

E FHWA Everyday Counts: Every Day Counts (EDC) is an effort led by FHWA in cooperation with American Association of State and Highway and Transportation Officials (AASHTO) to identify and rapidly deploy proven but underutilized innovations to shorten the project delivery process, enhance roadway safety, reduce congestion and improve environmental sustainability. See <http://www.fhwa.dot.gov/everydaycounts/> for additional information.

Keywords: Keywords have been provided for those countermeasures with a crash modification factor in the CMF Clearinghouse (<http://www.cmfclearinghouse.org/>). Some countermeasures may be found using a variety of search terms and the keywords provided are examples of those terms. For those countermeasures without keywords listed, their effectiveness may not have been studied or submitted to the CMF Clearinghouse.

SIG FHWA Signalized Intersections: An Informational Guide (2nd Edition): <http://safety.fhwa.dot.gov/intersection/signalized/13027/fhwas13027.pdf>

UNSIG Unsignalized Intersection Improvement Guide (NCHRP 03-104)

BIKE BIKESAFE 2014 - Bicycle Safety Guide and Countermeasure Selection System http://pedbikesafe.org/BIKESAFE/guide_background.cfm

PED PEDSAFE 2013 - Pedestrian Safety Guide and Countermeasure Selection System http://pedbikesafe.org/PEDSAFE/guide_background.cfm



ATTACHMENT C

PROVEN SAFETY COUNTERMEASURE:
**Systemic Application of
Multiple Low-Cost Countermeasures
for Stop-Controlled Intersections**



FHWA Safety Program



U.S. Department of Transportation
Federal Highway Administration



Safe Roads for a Safer Future
Investment in roadway safety saves lives

<http://safety.fhwa.dot.gov>

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Systemic Application of Multiple Low-Cost Countermeasures at Stop-Controlled Intersections

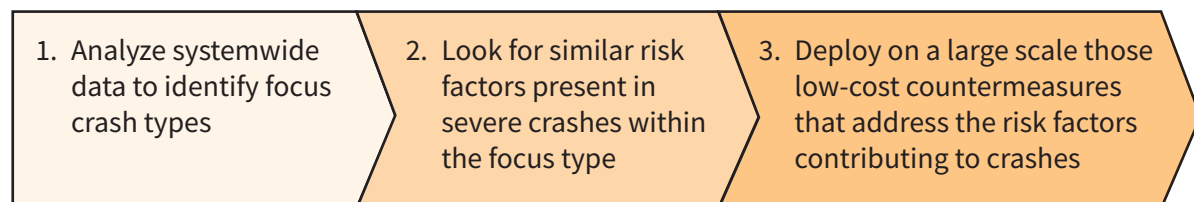


What is it?

Systemic application of multiple low-cost countermeasures for stop-controlled intersections involves systemically deploying a group of low-cost treatments at a large number of stop-controlled intersections throughout a jurisdiction.

The Federal Highway Administration (FHWA) promotes the systemic approach as a complementary technique to the traditional, site-based “hot spot” approach. Where the traditional approach is reactive and typically involves higher average cost per site, the systemic approach is more proactive and involves lower average cost per site. The premise behind the systemic approach is simple: it is not possible to predict exactly where crashes will occur, but it is possible to use the roadway characteristics associated with severe crash types to determine the locations that have a greater risk of experiencing a fatal or severe crash.

Overall, the systemic approach to safety has three components:



What are the low-cost treatments included in this proven safety countermeasure? They include:

- Pavement markings.
- Signing.
- Visibility and sight distance improvements.



Source: Missouri DOT



These low-cost strategies increase driver awareness and recognition of intersections and potential conflicts. Below are examples of the basic improvement package.

Countermeasures for Through Approach(es)

- Doubled up (left and right), oversized advance intersection warning signs, with street name sign plaques.
- Retroreflective sheeting on sign posts.
- Enhanced pavement markings that delineate through lane edge lines.



Source: SCDOT

In addition to the basic treatments, South Carolina DOT (SCDOT) chose to also install flashing beacons and speed limit warning signs to create more awareness of the upcoming intersection.

Countermeasures for Stop Approach(es)

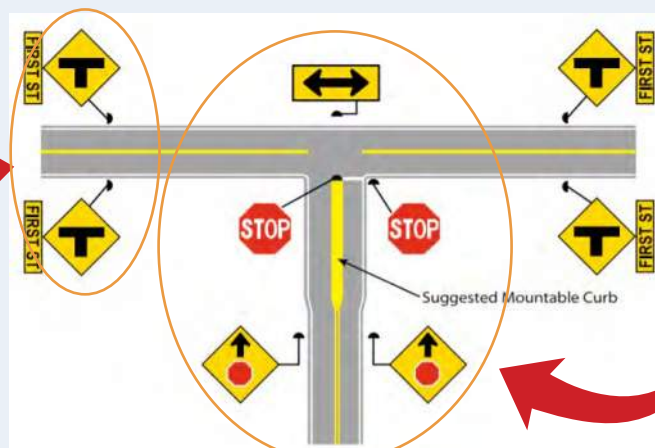
- Doubled up (left and right), oversized advance “Stop Ahead” intersection warning signs.
- Doubled up (left and right), oversized Stop signs.
- Retroreflective sheeting on sign posts.
- Stop bar placed at optimal location.
- Removal of any vegetation, parking, or physical obstruction that limits sight distance.
- Double arrow warning sign at stem of T-intersections.



Source: Pennsylvania DOT

Oversized advance “Stop Ahead” signs with reflective sheeting on the posts.

Countermeasures for the Through Approach



Countermeasures for the Stop Approach

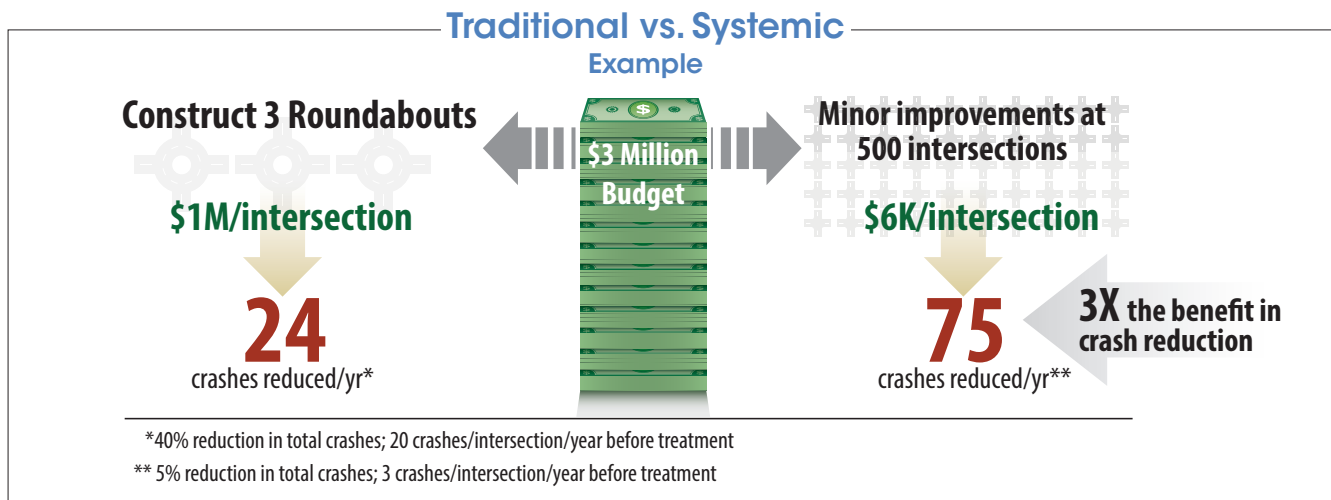
Basic plan that shows low-cost countermeasures at a stop-controlled T-intersection. (Source: FHWA)



What are the Benefits?

Systemically applying multiple low-cost countermeasures at stop-controlled intersections offers valuable benefits to transportation agencies, enabling them to:

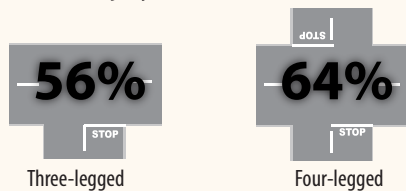
- Maximize resources due to the generally low cost of the treatments.
- Reduce injury and fatality crashes by 10 percent and nighttime crashes by 15 percent.¹
- Treat and improve a large number of intersections throughout their road network.
- Advance safety cost-effectively by using a treatment package with an average benefit-cost ratio of 26:1—and perhaps as high as 36:1.²



Louisiana sees impressive safety results

Louisiana Department of Transportation and Development (LaDOTD) installed low-cost safety treatments at 89 stop-controlled intersections. Researchers conducted a safety evaluation to assess the effectiveness of the treatments implemented at the rural stop-controlled intersections.

Fatal and Injury Crash Reductions at Intersections



Delta Region Transportation Development Program: Rural Safety Innovation Program Evaluation (FHWA-SA-14-029)

South Carolina implements countermeasure for

400+
INTERSECTIONS



45

FATAL AND INJURY CRASHES PREVENTED ANNUALLY

Safety Evaluation of Multiple Strategies at Stop-Controlled Intersections (FHWA-HRT-17-087)

¹ US DOT, FHWA, *Safety Evaluation of Multiple Strategies at Stop-Controlled Intersections*, FHWA-HRT-17-087 (Dec 2017). Available at: <https://www.fhwa.dot.gov/publications/research/safety/17087/17087.pdf>.

² Ibid. (Note: B/C ratios listed based on 7-year service life.)



What Do I Need To Know To Apply this Countermeasure?

The Systemic Approach and Intersection Safety Improvement

Plans

The systemic approach is the basis of this proven safety countermeasure. FHWA offers a multitude of resources to assist transportation practitioners in applying this safety approach; for example, the [Systemic Safety Project Selection Tool](#) provides a step-by-step process for agencies to use in order to plan, implement, and evaluate systemic safety improvement projects.

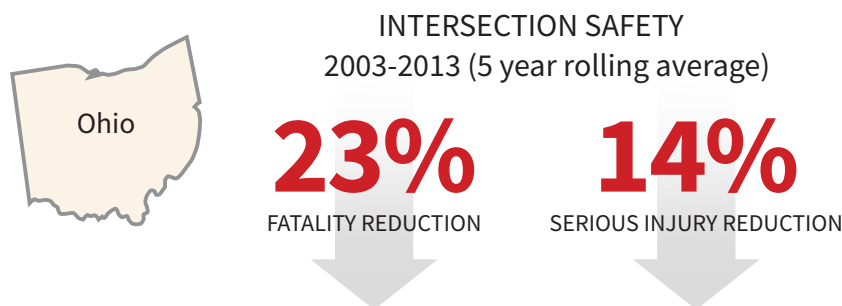
Between 2008-2013, FHWA collaborated with approximately 20 States to help them develop Intersection Safety Improvement Plans (ISIPs) that used the systemic approach. Many of these plans included recommendations for systemic application of multiple low-cost countermeasures at stop-controlled intersections for both State and local agency facilities. Each plan was customized to the specific State to be consistent with Highway Safety Improvement Program (HSIP) resources or other safety funding.

The most notable success story for this proven safety countermeasures comes from **South Carolina DOT (SCDOT)**. SCDOT identified more than 2,200 intersections for improvement in the South Carolina ISIP in 2008, resulting in the installation of systemic improvements—primarily signing and pavement marking enhancements—beginning in 2009. SCDOT’s experience is well documented on FHWA’s website, including the complete case study, process, lessons learned, and safety study results.

As a result of their ISIP implementation efforts, **Missouri DOT (MoDOT), Ohio DOT (ODOT), Pennsylvania DOT (PennDOT), and LaDOTD**, to name a few, have also successfully installed multiple low-cost sign and pavement marking improvements at stop-controlled intersections. Although Ohio DOT has not performed an analysis on the exact locations improved through their ISIP, it has found that the 5-year rolling averages from 2003 to 2013 have shown a 23 percent reduction in fatalities and a 14 percent reduction in serious injuries at all intersections.³ In 2018-19, MoDOT has plans to complete a before and after assessment for stop-controlled intersections that received systemic improvements through the State’s ISIP.

“A systemic approach to safety involves widely implemented improvements based on high-risk roadway features correlated with specific severe crash types. The approach helps agencies broaden their traffic safety efforts at little extra cost.”

Learn more at: [FHWA Office of Safety’s Systemic Approach to Safety Website](#)

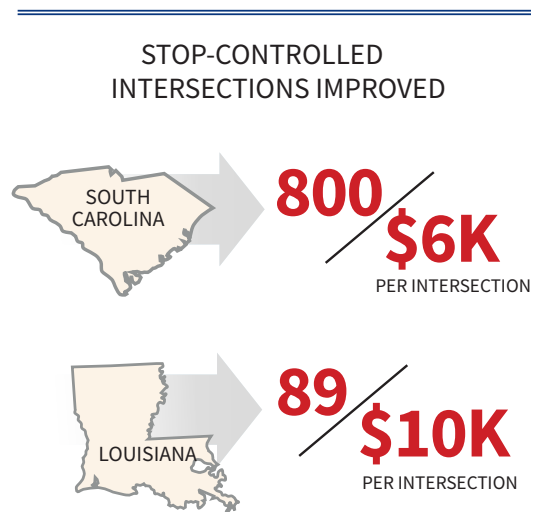


³ US DOT, FHWA, *Improving Safety through Ohio’s Intersection Safety Implementation Plan*, FHWA-SA-16-081 (June 2016). Available at: https://safety.fhwa.dot.gov/intersection/other_topics/isip/Improving_Safety_Ohio's_ISIP.pdf.



Funding

Many States cited above were able to accomplish such widespread success with these countermeasures by leveraging the connection between their Strategic Highway Safety Plans (SHSP), ISIPs, and HSIP. The consistency between a State's SHSP and ISIP, and the identification of the projects through a systematic, data-driven process, allows for projects on all public roads to be eligible for HSIP funds. FHWA's [Intersection Safety Implementation Plan Process Guide](#) notes available HSIP resources may not be sufficient to fund all of the improvements, but States can supplement funds with other Federal-aid, State, or local funds. Specially trained Local Technical Assistance Program (LTAP) safety engineers or consultants can also be engaged to provide support for these improvements.



Data Source: FHWA-SA-12-021 and FHWA-SA-14-029

Implementation

Transportation agencies can take different approaches when installing countermeasures systemically. **SCDOT**, for example, used a single, statewide, low-bid contract for signing and pavement marking enhancements. The agency chose to issue a single contract instead of several smaller contracts to ensure administrative efficiencies, uniformity of implementation statewide, and lower pricing through economies of scale. More than 800 stop-controlled intersections were improved for approximately \$6,000 per intersection.⁴

Agencies can issue a Request for Qualifications or Request for Proposals to determine the technical qualifications of engineering services contractors before going through the low-bid process. Because of the complexity of the project and the design-build elements it entails, a hybrid approach that combines low-bid contracts awarded to pre-qualified contractors with pre-qualified engineering services subcontractors may be preferred, rather than strictly using a low-bid process.

ODOT used a different method, distributing HSIP funds to the districts to improve signing at stop-controlled intersections. The agency gave the districts a list of potential intersections, a standardized sign order form, and implementation guidance on rural intersection signing improvements. The ODOT sign shop produced the signs while district maintenance forces installed the devices.

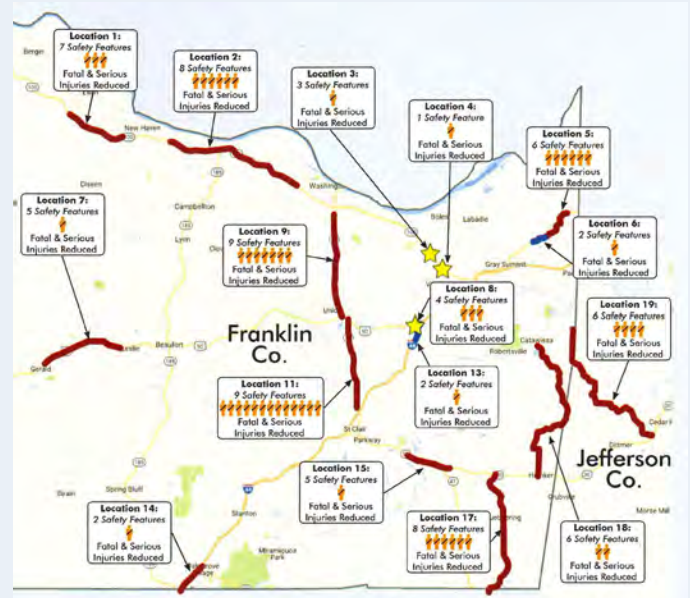
⁴ US DOT, FHWA, *Safety Evaluation of Multiple Strategies at Stop-Controlled Intersections*, FHWA-HRT-17-087 (Dec 2017). Available at: <https://www.fhwa.dot.gov/publications/research/safety/17087/17087.pdf>.



Agencies can also incorporate this basic pavement marking and signing package into their policies or standards for all stop-controlled intersections. Then, as resurfacings and other projects occur, these low-cost improvements can be implemented seamlessly per policy.

Innovative Approach

Using crash data, MoDOT’s St. Louis District identified locations throughout their jurisdiction, including intersections, with the highest safety concerns and chose teams comprising nationally known traffic and safety experts and contractors to deliver safety proposals. The teams competed in a unique design-build procurement that emphasized implementing the most cost-effective safety treatments based on an analysis using Highway Safety Manual methods. A fixed-price, variable-scope contract encouraged teams to provide the maximum safety benefit within the funding available.



Source: MoDOT

MoDOT won a [2017 National Roadway Safety Award](#) for this effort. For more information, visit the [project website](#).

Outreach and Communication

Typically, projects involving the installation of this proven safety countermeasure require minimal public outreach efforts. These low-cost improvements only require a short-term work zone to implement, so traffic impacts are negligible. Residents in the area where these intersection improvements are taking place may comment on the additional brighter signing, or “sign clutter,” so transportation agencies should educate the community on the expected safety benefits of the projects. It may be necessary to conduct extra outreach in certain locations, such as historical neighborhoods, to address potential concerns.

If the systemic safety approach is a new concept to an agency, practitioners may need to educate internal management or decision makers on the benefits. In the past, the agency may have chosen projects purely using a traditional hot-spot approach, and it may be challenging to shift their mindset to the proactive, systemic method.

Due to the characteristics of implementing this type of large-scale project, with intersections spread around a State or jurisdiction, internal communication is vital. Regular meetings and site visits are recommended during implementation to ensure proper installation and determine if any alterations are necessary.



What Else Can I Learn from Others?

A Plan for Deployment

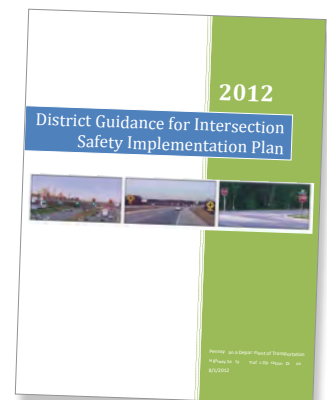
Virginia DOT (VDOT) deployed systemic safety countermeasures at signalized intersections across the State, and they plan to continue using the systemic approach for their stop-controlled intersections. In 2018, they completed a safety improvement plan for unsignalized intersections using systemic low-cost countermeasures. VDOT's study team analyzed the State's 80,000 unsignalized intersections by assessing crashes over a 5-year period to determine predominant crash trends and crash types. The team then assessed the risk factors that may affect the focus crash types and developed a tiered list of countermeasures. VDOT used their Virginia-specific safety performance functions and calculated the potential for safety improvement for the sites. These results were used to prioritize and narrow down the candidate sites to a manageable number. VDOT plans to have traffic engineering staff conduct studies at the recommended sites to finalize the safety improvement plan. The plan will be used as a guide for systemically deploying safety treatments at stop-controlled intersections within the State. For more information, see [*Systemic Low-Cost Countermeasures for an Unsignalized Intersection Safety Improvement Plan for Virginia*](#).

Stop-Controlled Intersection Safety Review

In 2018, Alabama DOT (ALDOT) initiated a safety review of the State's 500+ stop-controlled intersections. The review consists of completing a crash data analysis, crash diagrams, desk and field reviews of the intersections, and a report that includes intersection location, existing safety features, map, crash summary, traffic data, and recommended short-, mid-, and long-term strategies. Although some of the intersections may need more complex improvements, the recommendations are primarily low-cost pavement marking and signing improvements, as well as ensuring sight distance is adequate. When complete, ALDOT plans to provide the intersection documents to the regions for programming and implementation.

Noteworthy Practices from Pennsylvania DOT

PennDOT developed a brief guide to help its Districts successfully implement its ISIP.⁵ The guide outlined each countermeasure category (which included signing and marking improvements at stop-controlled intersections) along with the basic implementation steps and responsible organization. In the guide, PennDOT also described their process for tracking the projects. Their Safety Management Division tracked the implementation of the countermeasures being deployed at the recommended locations. To facilitate the tracking, the agency developed a standard form for the Districts to record the pertinent information for each project, such as location details, project description, cost, and crash history. The information in the tracking forms serves as a valuable resource as PennDOT evaluates the effectiveness of the ISIP countermeasures.



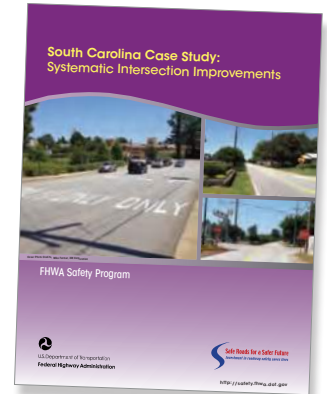
Source: PennDOT

⁵ PennDOT Highway Safety and Traffic Operations Division, *2012 District Guidance for Intersection Safety Implementation Plan*. Available at: <https://www.penndot.gov/TravelInPA/Safety/Documents/District%20Intersection%20Safety%20Implementation%20Plan%20Guidance.pdf>.



Lesson Learned on Developing Plans

When SCDOT first began its implementation, in-house designers provided site-specific drawings for each intersection, but then switched to four consulting firms because of the large level of effort. The plans provided enough detail to be considered a construction drawing, but revisions and adjustments were typically necessary once installation actually took place in the field. SCDOT indicated that it may be more efficient to have a single firm develop all the plans to avoid discrepancies and ensure better consistency. Read about South Carolina's experience and lessons learned in [*FHWA's South Carolina Case Study: Systemic Intersection Improvements*](#).



Source: FHWA

Helping Local Agencies Implement this Low-Cost Systemic Strategy

Ohio DOT uses the Local Technical Assistance Program (LTAP) to promote this systemic proven safety countermeasure. Using Ohio's ISIP as a guide, ODOT has implemented low-cost systemic countermeasures at more than 1,000 intersections throughout the State. ODOT has not only focused on State-owned intersections, it has pushed the low-cost systemic approach down to the local agencies using LTAP. In 2013, the LTAP started a township signage program for its 1,100 townships in Ohio. Since its inception, 100 townships each year receive funds to install intersection signing. The process uses crash data to determine the prioritized list of townships, and then, the next 100 townships on the list are targeted the following year, and so on.

For more information, visit <https://safety.fhwa.dot.gov/intersection/>.



For More Information:

<https://safety.fhwa.dot.gov/provencountermeasures/>



U.S. Department of Transportation
Federal Highway Administration



ATTACHMENT D



Safety Benefits:

10%

reduction of fatal and injury crashes at all locations/types/areas.

15%

reduction of nighttime crashes at all locations/types/areas.

27%

reduction of fatal and injury crashes at rural intersections.

19%

reduction of fatal and injury crashes at 2-lane by 2-lane intersections.

Average Benefit-Cost Ratio

12:1

For more information on this and other FHWA Proven Safety Countermeasures, please visit <https://safety.fhwa.dot.gov/provencountermeasures/> and <https://safety.fhwa.dot.gov/intersection/stop/fhwas18047.pdf>.

Systemic Application of Multiple Low-Cost Countermeasures at Stop-Controlled Intersections

This systemic approach to intersection safety involves deploying a package of multiple low-cost countermeasures, including enhanced signing and pavement markings, at a large number of stop-controlled intersections within a jurisdiction. These countermeasures increase driver awareness and recognition of the intersections and potential conflicts.

There are several benefits to systemically applying multiple low-cost countermeasures at stop-controlled intersections, including,

- Resources are maximized because the treatments are low cost.
- A high number of intersections can receive treatment.
- Improvements are highly cost-effective, with an average benefit-cost ratio of 12:1, even assuming a conservative 3-year service life.

The low-cost countermeasures for stop-controlled intersections generally consist of the following treatments:

On the Through Approach

- Doubled-up (left and right), oversized advance intersection warning signs, with supplemental street name plaques (can also include flashing beacon).
- Retroreflective sheeting on sign posts.
- Enhanced pavement markings that delineate through lane edge lines.

On the Stop Approach

- Doubled-up (left and right), oversized advance "Stop Ahead" intersection warning signs (can also include flashing beacon).
- Doubled-up (left and right), oversized Stop signs.
- Retroreflective sheeting on sign posts.
- Properly placed stop bar.
- Removal of vegetation, parking, or obstructions that limit sight distance.
- Double arrow warning sign at stem of T-intersections.



Example of countermeasures on the through approach.
Source: South Carolina DOT



Example of countermeasures on the stop approach.
Source: South Carolina DOT



Safety Benefits:

36-50%
reduction in
red light running.²

8-14%
reduction in
total crashes.²

12%
reduction in
injury crashes.²

For more information on this and other FHWA Proven Safety Countermeasures, please visit <https://safety.fhwa.dot.gov/provencountermeasures/> and <https://safety.fhwa.dot.gov/intersection/signal/fhwasa13027.pdf>.

Yellow Change Intervals

At a signalized intersection, the yellow change interval is the length of time that the yellow signal indication is displayed following a green signal indication. The yellow signal confirms to motorists that the green has ended and that a red will soon follow.

Since red-light running is a leading cause of severe crashes at signalized intersections, it is imperative that the yellow change interval be appropriately timed. Too brief an interval may result in drivers being unable to stop safely and cause unintentional red-light running. Too long of an interval may result in drivers treating the yellow as an extension of the green phase and invite intentional red-light running. Factors such as the speed of approaching and turning vehicles, driver perception-reaction time, vehicle deceleration, and intersection geometry should all be considered in the timing calculation.

Transportation agencies can improve signalized intersection safety and reduce red-light running by reviewing and updating their traffic signal timing policies and procedures concerning the yellow change interval. Agencies should institute regular evaluation and adjustment protocols for existing traffic signal timing. Refer to the *Manual on Uniform Traffic Control Devices* for basic requirements and further recommendations about yellow change interval timing. As part of strategic signal system modernization and updates, incorporating automated traffic signal performance measures (ATSPMs) is a proven approach to improve on traditional retiming processes. ATSPMs provide continuous performance monitoring capability and the ability to modify timing based on actual performance, without requiring expensive modeling or data collection.¹



Appropriately timed yellow change intervals can reduce red-light running and improve overall intersection safety. Source: FHWA

¹ Federal Highway Administration. "Automated Traffic Signal Performance," (2020).
² NCHRP Report 731: Guidelines for Timing Yellow and All-Red Intervals at Signalized Intersections, (2011).



Safety Benefits:

15%

reduction in total crashes.¹

Backplates with Retroreflective Borders

Backplates added to a traffic signal head improve the visibility of the illuminated face of the signal by introducing a controlled-contrast background. The improved visibility of a signal head with a backplate is made even more conspicuous by framing it with a 1- to 3-inch yellow retroreflective border. Signal heads that have backplates equipped with retroreflective borders are more visible and conspicuous in both daytime and nighttime conditions.

This treatment is recognized as a human factors enhancement of traffic signal visibility, conspicuity, and orientation for both older and color vision deficient drivers. This countermeasure is also advantageous during periods of power outages when the signals would otherwise be dark, providing a visible cue for motorists to stop at the intersection ahead.



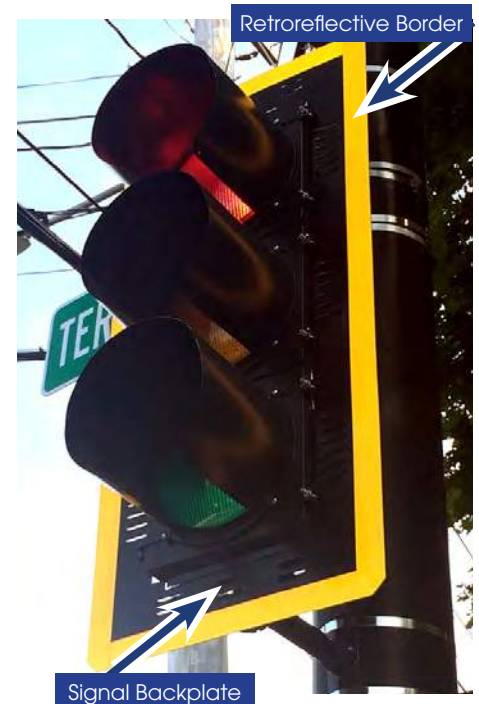
Retroreflective borders are highly visible during the night. Source: South Carolina DOT

safety countermeasure is to adopt it as a standard treatment for signalized intersections across a jurisdiction or State.

Implementation challenges include minimizing installation time, accessing existing signal heads, and structural limitations due to added wind load in instances where an entire backplate is added. Agencies should consider the design of the existing signal support structure to determine if the design is sufficient to support the added wind load.

Considerations

Transportation agencies should consider backplates with retroreflective borders as part of their efforts to systematically improve safety performance at signalized intersections. Adding a retroreflective border to an existing signal backplate is a very low-cost safety treatment. This can be done by either adding retroreflective tape to an existing backplate or purchasing a new backplate with a retroreflective border already incorporated. The most efficient means of implementing this proven



Signal backplate framed with a retroreflective border. Source: FHWA

For more information on this and other FHWA Proven Safety Countermeasures, please visit <https://safety.fhwa.dot.gov/provencountermeasures/> and <https://rosap.ntl.bts.gov/view/dot/42807>.

¹ Sayed, T., Leur, P., and Pump, J., "Safety Impact of Increased Traffic Signal Backboards Conspicuity," 2005 TRB 84th Annual Meeting: Compendium of Papers CD-ROM, Vol. TRB#05-16, Washington, D.C., (2005).



Safety Benefits:

Left-Turn Lanes

28-48%

reduction in total crashes.¹

Positive Offset Left-Turn Lanes

36%

reduction in fatal and injury crashes.²

Right-Turn Lanes

14-26%

reduction in total crashes.¹



Left- and right-turn lanes on a two-lane road. Source: City of Greeley, CO

For more information on this and other FHWA Proven Safety Countermeasures, please visit <https://safety.fhwa.dot.gov/provencountermeasures/> and <https://www.fhwa.dot.gov/publications/research/safety/02103/02103techbrief.pdf>.

Dedicated Left- and Right-Turn Lanes at Intersections

Auxiliary turn lanes—either for left turns or right turns—provide physical separation between turning traffic that is slowing or stopped and adjacent through traffic at approaches to intersections. Turn lanes can be designed to provide for deceleration prior to a turn, as well as for storage of vehicles that are stopped and waiting for the opportunity to complete a turn.

While turn lanes provide measurable safety and operational benefits at many types of intersections, they are particularly helpful at two-way stop-controlled intersections. Crashes occurring at these intersections are often related to turning maneuvers. Since the major route traffic is free flowing and typically travels at higher speeds, crashes that do occur are often severe. The main crash types include collisions of vehicles turning left across opposing through traffic and rear-end collisions of vehicles turning left or right with other vehicles following closely behind. Turn lanes reduce the potential for these types of crashes.

Installing left-turn lanes and/or right-turn lanes should be considered for the major road approaches for improving safety at both three- and four-leg intersections with stop control on the minor road, where significant turning volumes exist, or where there is a history of turn-related crashes. Pedestrian and bicyclist safety and convenience should also be considered when adding turn lanes at an intersection. Specifically, offset left- and right-turn

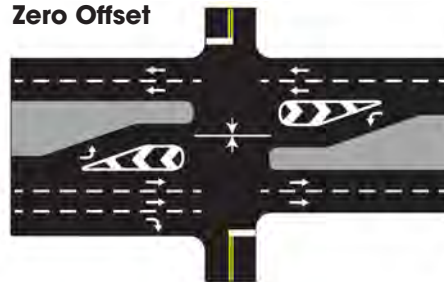
lanes will lengthen crossing distances for pedestrians.

Offset Turn Lanes

Providing offset of left- and right-turn lanes to increase visibility can provide added safety benefits, and is preferable in many situations, particularly at locations with higher speeds, or where free-flow or permissive movements are possible.

At turn lanes with zero or negative offset, turning vehicles can block sightlines. For left-turn lanes, this usually involves opposing left-turning vehicles occupying the turn lanes at the same time. For right-turn lanes, this typically involves right-turning vehicles from the major road and vehicles entering the intersection from the minor road. In both scenarios, adding positive offset to turn lanes enhances the sight distance to approaching vehicles that conflict with the turning movement. Offset turn lanes should be considered when there is a high frequency of these types of conflicts in order to reduce the likelihood of a severe crash.

Zero Offset



Positive Offset

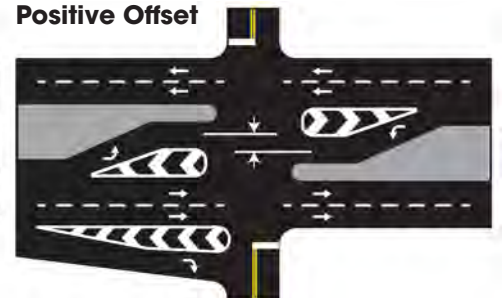


Illustration comparing zero offset to positive offset of left- and right-turn lanes. Source: FHWA

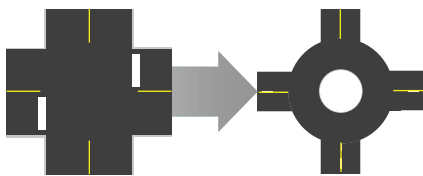
¹ Harwood et al. Safety Effectiveness of Intersection Left- and Right-Turn Lanes. FHWA-HRD-02-089, (2002).

² Persaud et al. Safety Evaluation of Offset Improvements for Left-Turn Lanes. FHWA-HRT-09-035, (2009).



Safety Benefits:

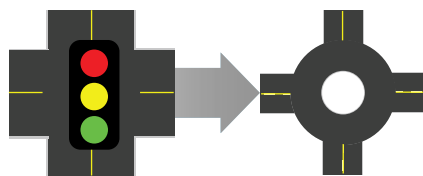
Two-Way Stop-Controlled Intersection to a Roundabout



82%

reduction in fatal and injury crashes.¹

Signalized Intersection to a Roundabout



78%

reduction in fatal and injury crashes.¹

For more information on this and other FHWA Proven Safety Countermeasures, please visit <https://safety.fhwa.dot.gov/provencountermeasures/> and <https://safety.fhwa.dot.gov/intersection/roundabouts/index.cfm>.

Roundabouts

The modern roundabout is an intersection with a circular configuration that safely and efficiently moves traffic. Roundabouts feature channelized, curved approaches that reduce vehicle speed, entry yield control that gives right-of-way to circulating traffic, and counterclockwise flow around a central island that minimizes conflict points. The net result of lower speeds and reduced conflicts at roundabouts is an environment where crashes that cause injury or fatality are substantially reduced.

Roundabouts are not only a safer type of intersection; they are also efficient in terms of keeping people moving. Even while calming traffic, they can reduce delay and queuing when compared to other intersection alternatives. Furthermore, the lower vehicular speeds and reduced conflict environment can create a more suitable environment for walking and bicycling.

Roundabouts can be implemented in both urban and rural areas under a wide range of traffic conditions. They can replace signals, two-way stop controls, and all-way stop controls. Roundabouts are an effective option for managing speed and transitioning traffic from high-speed to low-speed environments, such as freeway interchange ramp terminals, and rural intersections along high-speed roads.

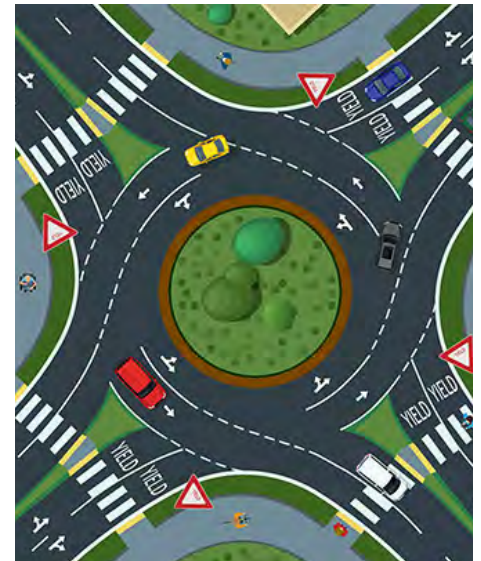


Illustration of a multilane roundabout. Source: FHWA



Example of a single-lane roundabout. Source: FHWA

¹ AASHTO. The Highway Safety Manual, American Association of State Highway Transportation Professionals, Washington, D.C., (2010).



Safety Benefits:
Lighting can reduce crashes up to:

42%

for nighttime injury pedestrian crashes at intersections.¹

33-38%

for nighttime crashes at rural and urban intersections.¹

28%

for nighttime injury crashes on rural and urban highways.¹



Source: WSDOT

For more information on this and other FHWA Proven Safety Countermeasures, please visit <https://safety.fhwa.dot.gov/provencountermeasures/> and https://safety.fhwa.dot.gov/roadway_dept/night_visib/roadwayresources.cfm.

Lighting

The number of fatal crashes occurring in daylight is about the same as those that occur in darkness. However, the nighttime fatality rate is three times the daytime rate because only 25 percent of vehicle miles traveled (VMT) occur at night. At nighttime, vehicles traveling at higher speeds may not have the ability to stop once a hazard or change in the road ahead becomes visible by the headlights. Therefore, lighting can be applied continuously along segments and at spot locations such as intersections and pedestrian crossings in order to reduce the chances of a crash.

Adequate lighting (i.e., at or above minimum acceptable standards) is based on research recommending horizontal and vertical illuminance levels to provide safety benefits to all users of the roadway environment. Adequate lighting can also provide benefits in terms of personal security for pedestrians, wheelchair and other mobility device users, bicyclists, and transit users as they travel along and across roadways.

Applications

Roadway Segments

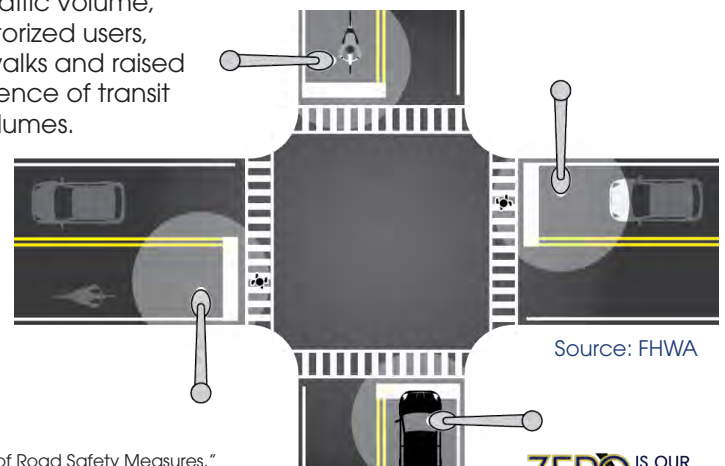
Research indicates that continuous lighting on both rural and urban highways (including freeways) has an established safety benefit for motorized vehicles.¹ Agencies can provide adequate visibility of the roadway and its users through the uniform application of lighting that provides full coverage along the roadway and the strategic placement of lighting where it is needed the most.

Intersections and Pedestrian Crossings

Increased visibility at intersections at nighttime is important since various modes of travel cross paths at these locations. Agencies should consider providing lighting to intersections based on factors such as a history of crashes at nighttime, traffic volume, the volume of non-motorized users, the presence of crosswalks and raised medians, and the presence of transit stops and boarding volumes.

Considerations

Most new lighting installations are made with breakaway features, shielded, or placed far enough from the roadway to reduce the probability and/or severity of fixed-object crashes. Modern lighting technology gives precise control with minimal excessive light affecting the nighttime sky or spilling over to adjacent properties. Agencies can equitably engage with underserved communities to determine where and how new and improved lighting can most benefit the community by considering their priorities, including eliminating crash disparities, connecting to essential neighborhood services, improving active transportation routes, and promoting personal safety.



Source: FHWA

¹ Elvik, R. and Vaa, T., "Handbook of Road Safety Measures." Oxford, United Kingdom, Elsevier, (2004).



Safety Benefits:



10-60%
reduction in total crashes.¹

For more information on this and other FHWA Proven Safety Countermeasures, please visit <https://safety.fhwa.dot.gov/provencountermeasures/> and <https://safety.fhwa.dot.gov/rsa/>.

Road Safety Audit

While most transportation agencies have established traditional safety review procedures, a road safety audit (RSA) or assessment is unique. RSAs are performed by a multidisciplinary team independent of the project. RSAs consider all road users, account for human factors and road user capabilities, are documented in a formal report, and require a formal response from the road owner. (See the eight steps for conducting an RSA below.)

Responsibilities

-  RSA Team
-  Design Team/Project Owner



Source: FHWA

RSAs provide the following benefits:

- Reduced number and severity of crashes due to safer designs.
- Reduced costs resulting from early identification and mitigation of safety issues before projects are built.
- Increased opportunities to integrate multimodal safety strategies and proven safety countermeasures.
- Expanded ability to consider human factors in all facets of design.
- Increased communication and collaboration among safety stakeholders.
- Objective review by independent multidisciplinary team.

RSAs can be performed in any phase of project development, from planning through construction. Agencies may focus RSAs specifically on motorized vehicles, pedestrians, bicyclists, motorcyclists, or a combination of these roadway users. Agencies are encouraged to conduct an RSA at the earliest stage possible, as all roadway design options and alternatives are being explored.



Multidisciplinary team performs field review during an RSA. Source: FHWA

¹ Road Safety Audits: An Evaluation of RSA Programs and Projects, FHWA-SA-12-037; and FHWA Road Safety Audit Guidelines, FHWA-SA-06-06.



Safety Benefits:

RRFBs can reduce crashes up to:

47%

for pedestrian crashes.⁴

RRFBs can increase motorist yielding rates up to:

98%

(varies by speed limit, number of lanes, crossing distance, and time of day).³



RRFBs used at a trail crossing.
Source: LJB

For more information on this and other FHWA Proven Safety Countermeasures, please visit <https://highways.dot.gov/safety/proven-safety-countermeasures> and https://highways.dot.gov/sites/fhwa.dot.gov/files/2022-06/techSheet_RRFB_2018.pdf.

Rectangular Rapid Flashing Beacons (RRFB)

A marked crosswalk or pedestrian warning sign can improve safety for pedestrians crossing the road, but at times may not be sufficient for drivers to visibly locate crossing locations and yield to pedestrians. To enhance pedestrian conspicuity and increase driver awareness at uncontrolled, marked crosswalks, transportation agencies can install a pedestrian actuated Rectangular Rapid Flashing Beacon (RRFB) to accompany a pedestrian warning sign. RRFBs consist of two, rectangular-shaped yellow indications, each with a light-emitting diode (LED)-array-based light source.¹ RRFBs flash with an alternating high frequency when activated to enhance conspicuity of pedestrians at the crossing to drivers.

For more information on using RRFBs, see the Interim Approval in the *Manual on Uniform Traffic Control Devices (MUTCD)*.¹

Applications

The RRFB is applicable to many types of pedestrian crossings but is particularly effective at multilane crossings with speed limits less than 40 miles per hour.² Research suggests RRFBs can result in motorist yielding rates as high as 98 percent at marked crosswalks, but varies depending on the location, posted speed limit, pedestrian crossing distance, one- versus two-way road, and the number of travel lanes.³ RRFBs can also accompany school or trail crossing warning signs.

RRFBs are placed on both sides of a crosswalk below the pedestrian crossing sign and above the diagonal downward arrow plaque pointing at the crossing.¹ The flashing pattern can be activated with pushbuttons or passive (e.g., video or infrared) pedestrian detection, and should be unlit when not activated.

Considerations

Agencies should:²

- Install RRFBs in the median rather than the far-side of the roadway if there is a pedestrian refuge or other type of median.
- Use solar-power panels to eliminate the need for a power source.
- Reserve the use of RRFBs for locations with significant pedestrian safety issues, as over-use of RRFB treatments may diminish their effectiveness.

Agencies shall not:²

- Use RRFBs without the presence of a pedestrian, school or trail crossing warning sign.
- Use RRFBs for crosswalks across approaches controlled by YIELD signs, STOP signs, traffic control signals, or pedestrian hybrid beacons, except for the approach or egress from a roundabout.

¹ *MUTCD Interim Approval 21 - RRFBs at Crosswalks*.

² "Rectangular Rapid Flash Beacon" in PEDSAFE: Pedestrian Safety Guide and Countermeasure Selection System. FHWA, (2013).

³ Fitzpatrick et al. "Will You Stop for Me? Roadway Design and Traffic Control Device Influences on Drivers Yielding to Pedestrians in a Crosswalk with a Rectangular Rapid-Flashing Beacon." Report No. TTI-CTS-0010. Texas A&M Transportation Institute, (2016).

⁴ (CMF ID: 9024) NCHRP Research Report 841 Development of Crash Modification Factors for Uncontrolled Pedestrian Crossing Treatments, (2017).

ATTACHMENT E

Primer on Intersection Control Evaluation (ICE)

What is ICE?

Intersection Control Evaluation (ICE) is a data-driven, performance-based framework and approach used to objectively screen alternatives and identify an optimal geometric and control solution for an intersection. A growing number of transportation agencies are developing and adopting ICE policies. Although there are differences among these ICE policies, they are consistent in emphasizing *transparency*, *flexibility*, and *adaptability*.

Agencies with ICE policies are realizing several benefits, including:

- Implementation of safer, more balanced, and more cost-effective solutions.
- Consistent documentation that improves the transparency of transportation decisions.
- Increased awareness of innovative intersection solutions and emphasis on objective performance metrics for consistent comparisons.
- The opportunity to consolidate and streamline existing intersection-related policies and procedures, including access or encroachment approvals, new traffic signal requests, and impact studies for development.

When is ICE used?

ICE policies are generally applicable to intersections along State highways or any intersection project that will utilize Federal or State funds. ICE is recommended, but not required, for intersection projects off the State system and involving funding other than Federal or State.

ICE is required for new intersections or when considering any substantive changes to the traffic control or geometry of existing intersections. Definitions for what constitutes substantive changes to intersections vary by agency. Substantive changes are often considered for the following reasons:

- Safety improvement.
- Congestion mitigation.
- Broader corridor improvement/widening.
- Multimodal facility enhancement.
- Change of access to an adjacent parcel of land or land development.



ICE policies are intended to be flexible and adaptable. There are situations where ICE is not needed because the work does not include any substantive proposed changes to an intersection. Some States with ICE policies provide example triggers for and exemptions to conducting ICE.

ICE procedures are also intended to occur as part of an established project development process. ICE has a significant influence on the development of intersection-specific projects, as the selection of intersection and control type are central decisions of those projects. On corridor improvement projects, results from ICE may serve as the basis of not only the major intersection type and control decisions but the nature of access management along the entire corridor. Regardless of the project type, ICE conducted at the appropriate time of project development contributes to more confident project programming decisions, more thoroughly vetted geometric and control solutions, and a smoother progression of the project.

What does ICE look like?

ICE procedures are flexible and scalable and encourage a level of analysis consistent with the questions that need to be answered and decisions that need to be made on a specific project. A streamlined analysis may be appropriate for some projects, with sketch-level evaluations being sufficient. Projects with high levels of complexity may require a more robust effort. The fundamental principles of ICE, however, are the same, regardless of the level of detail and whether it is being applied for new intersections or modifications to existing intersections.

ICE is typically conducted in two stages:

- A “Stage I – Scoping” step to determine the short list of all possible alternatives that merit further consideration and analysis because they meet project needs and are practical to pursue.
- A “Stage II – Alternative Selection” step to determine the preferred alternative based on more detailed evaluations conducted during typical preliminary engineering activities.

For some projects where Stage I results in only one viable alternative, the alternative selection documentation is based on the Stage I analysis and results.

Stage I – Scoping

The purpose of the scoping phase of ICE is to determine, from dozens of potential alternatives, which few intersection type and control solutions merit further consideration for the project. The scoping phase of ICE occurs early in project development, helping to inform a project scope and develop a cost estimate and schedule. It is important to note that the purpose of Stage I is not to compare intersection alternatives against each other but to assess the alternatives individually to determine if and to what extent they potentially meet project purpose and need, strategic program goals, project context, and funding constraints.

Intersection Alternatives

It is common for ICE policies to identify and describe the intersection type and control solutions to be considered during Stage I. This information generally includes basic descriptions and illustrations of the alternatives, known benefits or concerns, and links to additional resources (including those described in the “Resources” section of this primer).

Stage I Scoping Analysis

The Stage I scoping analysis involves a combination of quantitative and qualitative performance metrics. The Stage I analysis should be sufficient enough to estimate a preliminary footprint of each intersection alternative to determine whether it is practical to pursue and to answer the following questions:

- Does the alternative meet the transportation purpose and need?
- Does the alternative address the key system performance criteria (e.g., safety, non-motorized user accommodation, operational quality, etc.)?
- Does the alternative meet the needs and values of the local community and directly-affected stakeholders?

Safety Analysis. The Stage I safety analysis should provide a basis to characterize safety performance of the possible alternatives. This distinction may rely on both qualitative and quantitative methods. The safety analysis in the scoping phase generally determines one of the following, depending on the project intent:

- If improving safety is the primary need for a project, does the intersection alternative address the safety need by enhancing safety performance?
- If improving safety is not the primary need for a project, does the intersection alternative maintain or enhance safety performance?

Operational Analysis. The Stage I operational analysis also considers both qualitative and quantitative methods. The primary goal of the operational analysis in the scoping phase is to determine if the intersection alternative will perform at an acceptable quality of service. Appropriate traffic control device warrant analyses may be conducted during Stage I. ICE generally focuses on the specific intersection (isolated) or intersections (corridor) under consideration for improvement, but evaluations may sometimes need to extend beyond to assess impacts on adjacent intersections or facilities.

Multimodal Considerations. The suitability of each alternative for pedestrians and bicyclists should be assessed with an emphasis on convenience and accessibility and consideration of pedestrian and bicyclist network information from local and community plans. Potential items to consider include number of lanes to cross, protected versus permitted turning movements, and motorist approach speeds. Additionally, the multimodal assessment should consider the suitability of each alternative for transit, freight, and other large vehicle operations when applicable. The Stage I scoping analysis with respect to freight and other large vehicle operation can be informed by whether an intersection is part of a designated Truck Route or Over-Size-Over-Weight Route. Transit assessments can be informed by discussions with the transit provider about different treatment options and any operating restrictions associated with different intersection and control types.

Other Considerations. Even if an alternative addresses needs from an operational and safety perspective, a number of other considerations may determine whether it is a practical option to pursue. These include the following:

- Right-of-way, environmental impacts, and construction costs.
- Constructability timelines, staging, temporary traffic control needs, and project delivery.
- Acceptability of the alternative by the public, local jurisdictions, and other important stakeholders.
- Consistency within interregional corridors or other highways where a corridor study has been prepared.

Stage II – Alternative Selection

Stage II is intended to differentiate among the intersection alternatives brought forward from the Stage I screening analysis. Stage II analysis is conducted as part of preliminary engineering and includes the estimating of environmental, utility, and right-of-way impacts. The analysis occurs at a level of detail that allows objective comparisons of alternatives to each other. Stage II evaluates each viable alternative based on the following aspects:

- Safety performance (motorized and non-motorized).
- Operational performance (present vs. projected, peak vs. off-peak).
- Cost.
- Benefit-cost.
- Environmental, utility, and right-of-way impacts.
- Multimodal accommodations (pedestrian, bike, transit).
- Public opinion and input.
- Other factors specific to the context (e.g., consistency with future land use, transportation plans for the surrounding area).

The Stage II safety and operational analyses assess and document performance measures using tools and methodologies such as those in the *Highway Safety Manual*, *Highway Capacity Manual*, simulation software, and other applicable methodologies. These measures can be monetized to support a benefit-cost analysis, allowing an agency to consider the “value added” by an improvement in relation to cost.

Resources and Tools to Support ICE

Several useful resources and tools for conducting ICE are available or currently in development. These resources and tools are organized into the following categories: 1) intersection reference guides, 2) operational and safety performance evaluation tools, and 3) life-cycle cost analysis tools. Transportation agencies that have implemented ICE policies have also developed corresponding resources, some of which are forms and worksheets that make up the required ICE documentation.

Intersection Reference Guides

Informational guides that discuss applications, designs, and performance characteristics of different intersection types and control strategies are available to support Stage I (Scoping) and Stage II (Alternative Selection) activities of ICE, including the following:

- **Unsignalized Intersections Improvement Guide (UIIG).**
The UIIG aids practitioners in selecting design, operational, maintenance, enforcement, and other types of treatments to improve the safety, mobility, and accessibility of all users at unsignalized intersections. It is a web-based resource hosted at <http://toolkits.ite.org/uiig/>.
- **Signalized Intersections: An Informational Guide, 2nd Edition (FHWA-SA-13-027).**
This document serves as an introduction to and guide for evaluating the safety, design, and operations of signalized intersections, and emphasizes achieving solutions for all users. It can be downloaded at <https://go.usa.gov/xP9p8>.
- **Roundabouts: An Informational Guide, 2nd Edition (NCHRP Report 672).**
This document provides introductory material about roundabouts and addresses the planning, design, construction, maintenance, and operation of roundabouts in the United States. It can be downloaded at <http://www.trb.org/Publications/Blurbs/164470.aspx>.
- **Displaced Left-Turn Intersection Informational Guide (FHWA-SA-14-068).**
This document provides information and guidance on the planning, design, construction, maintenance, and operation of Displaced Left Turn (DLT) intersections. It can be downloaded at <https://go.usa.gov/xP9Ar>.
- **Median U-Turn Intersection Informational Guide (FHWA-SA-14-069).**
This document provides information and guidance on the planning, design, construction, maintenance, and operation of Median U-Turn (MUT) intersections. It can be downloaded at <https://go.usa.gov/xP9Ab>.
- **Restricted Crossing U-Turn Intersection Informational Guide (FHWA-SA-14-070).**
This document provides information and guidance on the planning, design, construction, maintenance, and operation of Restricted Crossing U-Turn (RCUT) intersections. It can be downloaded at <https://go.usa.gov/xP9AZ>.
- **Diverging Diamond Interchange Informational Guide (FHWA-SA-14-067).**
This guide provides information and guidance on the planning, design, construction, maintenance, and operation of diverging diamond interchanges. It can be downloaded at <https://go.usa.gov/xP9AB>.
- **Alternative Intersections and Interchanges Informational Report (FHWA-RD-09-060).** This report provides information on over a dozen alternative intersection and interchange designs that may offer additional benefits compared to conventional at-grade intersections and grade-separated interchanges. It can be downloaded at <https://go.usa.gov/xP9AX>.

Safety and Operational Performance Evaluation Tools

The following tools help ICE practitioners quantify the expected performance characteristics of different intersection types and control strategies for a given context and are available to support Stage I (Scoping) and Stage II (Alternative Selection) activities of ICE:

- **Highway Safety Manual (HSM).** The HSM provides methodologies to conduct safety performance analyses, allowing for safety to be quantitatively evaluated alongside other transportation performance measures such as traffic operations, environmental impacts, and construction costs. With the HSM, the expected change in crash frequency and severity of different design alternatives can be compared to the operational benefits or environmental impacts of these same alternatives. Tools available to conduct HSM analyses can be found at <http://www.highwaysafetymanual.org/Pages/Tools.aspx>.
- **Safety Performance for Intersection Control Evaluation (SPICE).** This Excel spreadsheet-based tool performs an HSM-based predictive safety analysis of at-grade intersection alternatives/control types and ramp terminal intersections. The SPICE tool is intended for planning-level safety analysis, such as during ICE Stage I. The SPICE Tool can be downloaded at <https://safety.fhwa.dot.gov/intersection/ice/>.
- **Highway Capacity Manual (HCM).** The HCM contains concepts, guidelines, and computational procedures for estimating the capacity, operational performance, and quality of service of various highway and street facilities, including freeways, multilane highways, urban streets, roundabouts, signalized and unsignalized intersections, and rural, two-lane highways. The HCM includes a *Planning and Preliminary Engineering Applications Guide (PPEAG)*, published as the National Cooperative Highway Research Program (NCHRP) Report 825, that provides best practices for using the HCM in a variety of planning and preliminary engineering applications. The Highway Capacity Software (HCS) implements HCM procedures. The HCM and HCS may be purchased from the Transportation Research Board (TRB) bookstore.
- **Capacity Analysis for Planning of Junctions (CAP-X).** This Excel spreadsheet-based tool can be used to evaluate various intersection types using peak flow volumes and lane configurations as inputs. The output is a volume-to-capacity ratio for each intersection type based either on critical lane volume summations or HCM equations. The CAP-X tool provides a sketch-planning level operational analysis for use during ICE Stage I. The latest version of CAP-X can be downloaded at <https://safety.fhwa.dot.gov/intersection/ice/>.
- **Traffic simulation models.** Simulation software exists to aid traffic engineers in traffic analysis, optimization, and simulation of new intersection projects. The software supports the HCM methodologies for signalized intersections, unsignalized intersections, and roundabouts. Some agencies provide default simulation templates for various alternative intersection types as part of their ICE resources (i.e., Jughandle, MUT, Quadrant Roadway, RCUT, DLT, Diverging Diamond, and Continuous Green T-Intersection).

Life – Cycle Cost Analysis Tools

ICE incorporates a number of considerations in screening and assessing intersection alternatives, including safety performance, operational and capacity considerations, and right-of-way, utility, and environmental impacts and costs. NCHRP project 3-110, *Estimating the Life-Cycle Cost of Intersection Designs*, produced a spreadsheet-based tool that

supports the comparison of life-cycle costs of alternative designs for new and existing intersections. The tool considers crashes, vehicular delay, emissions, operations and maintenance, and capital costs. The report (NCHRP Web-Only Document 220) and the tool may be downloaded at <http://www.trb.org/Publications/Blurbs/173928.aspx>.

Agency – Developed Tools and Templates

Transportation agencies have developed their own tools or modified existing tools to aid in a consistent and repeatable implementation of ICE. Agencies have also developed documentation templates to aid in consistent documentation of decisions made during ICE, including the following:

- **ICE Worksheets.** These worksheets are either in a document or spreadsheet format and guide an ICE process by providing placeholders for key user-specified inputs. The worksheets can serve as ICE documentation, which creates consistency for all projects requiring ICE. The user-specified inputs generally include crash data, traffic volumes, practical feasibility, costs, and geometric features of the intersection.
- **Traffic Control Summary Tables.** These tables generally include illustrations or pictures of intersection types and control solutions, when to consider the alternatives, potential benefits, safety considerations, operational considerations, and links to additional information. Depending on the State, this information can be found as a chapter or appendix in an agency’s guidance/manual document or as a tab in an ICE Worksheet.
- **Tables of Intersection Safety Treatments.** These tables show potential intersection safety treatments based on the types of conflicts the agency desires to address.
- **ICE Submittal Checklists.** These documents identify required and optional submittals associated with each stage of ICE. The required documentation includes project description, traffic volume data, safety considerations, operational analysis, highway capacity worksheets, and various traffic modeling outputs.
- **Technical Support and Training.** It is important to establish a program to provide ICE technical assistance and training for both internal and external stakeholders. This provides avenues for consultation on complex or controversial access proposals, strategies, or concepts, as well as the assessment, scoping, analysis, and design of innovative access strategies. Over time, an agency’s capacity to support ICE will grow and a fully institutionalized practice may be realized.
- **Completed Examples.** Some agencies provide completed examples of memoranda and worksheets to aid evaluators during the process. It is also common for agencies to provide examples of completed ICE reports to serve as reference for future projects.

Appendix: State Transportation Agency Resources

California

Caltrans ICE webpage: <http://www.dot.ca.gov/trafficops/ice.html>

Caltrans ICE Policy Directive: <http://www.dot.ca.gov/trafficops/policy/13-02.pdf>

Caltrans ICE Process Informational Guide: http://www.dot.ca.gov/trafficops/docs/ICE_ProcessInformationalGuide.pdf

Florida

FDOT Intersection Operations and Safety webpage:

http://www.fdot.gov/traffic/TrafficServices/Intersection_Operations.shtm

FDOT Manual on ICE: https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/traffic/trafficervices/studies/mice/fdot-ice-manual_final_110117665d969768f01f404db4e7a175a3b83f7f.pdf?sfvrsn=c89d75a_0

FDOT ICE Form: https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/traffic/trafficervices/studies/mice/fdot-ice-forms_20190718.xlsx?sfvrsn=77350cfa_2

Georgia

GDOT Manuals & Guides: <http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>

GDOT ICE Tool v2.14 spreadsheet:

<http://www.dot.ga.gov/PartnerSmart/DesignManuals/Intersection%20Control%20Evaluation/GDOT%20ICE%20Tool.zip>

Indiana

Intersection Decision Guide: https://www.in.gov/indot/files/ROP_IntersectionDecisionGuide.pdf

Minnesota

MnDOT's ICE webpage: <http://www.dot.state.mn.us/trafficeng/safety/ice/>

MnDOT ICE Manual: http://www.dot.state.mn.us/trafficeng/safety/ice/2007_ICE_Manual.pdf

Nevada

NDOT's ICE Policy: <https://www.nevadadot.com/home/showdocument?id=14229> (see Appendix D)

Pennsylvania

PennDOT's ICE Documentation Tool:

<http://www.dot.state.pa.us/Portal%20Information/Traffic%20Signal%20Portal/ICE.html>

PennDOT's ICE Evaluation Tool: http://www.dot.state.pa.us/public/Bureaus/BOMO/Portal/PennDOT_ICE_Tool_V1.1.xlsm

Washington State

Washington State Design Manual - Intersection Control Type:

<http://www.wsdot.wa.gov/publications/manuals/fulltext/M22-01/1300.pdf>

Wisconsin

WisDOT's Traffic Analysis, Modeling, and Data Management webpage, including WisDOT's Facilities Development Manual (ICE is on pg. 41 — FDM 11-25-3): <http://wisconsindot.gov/Pages/doing-bus/local-gov/traffic-ops/programs/analysis/default.aspx>

FHWA-SA-18-076
Revised June 2020



U.S. Department of Transportation
Federal Highway Administration



ATTACHMENT F

South Carolina Case Study: Systematic Intersection Improvements



Cover Photo Credits: Mike Farmer, 3M Corporation



FHWA Safety Program



U.S. Department of Transportation
Federal Highway Administration



<http://safety.fhwa.dot.gov>

Introduction

In 2007, the South Carolina Department of Transportation (SCDOT) and its safety partners defined the State's "Road Map to Safety" in its formal Strategic Highway Safety Plan (SHSP). The goal was to reduce fatalities on South Carolina's roadways to fewer than 784 by 2010, a 25 percent decrease from 2004. A secondary goal was to lower the number of traffic-related injuries by 3 percent. The SHSP identified 5 key Emphasis Areas and 24 specific targets to be addressed based on an extensive analysis of traffic crash data. Intersections were identified as one of nine target areas within the Serious Crash Type Emphasis Area.



Photo Credit: Joey Riddle, South Carolina Department of Transportation

Background

In 2008, as part of the FHWA's Office of Safety Intersection Focus State Initiative and consistent with the goals of the SHSP, SCDOT began identifying safety improvements to be deployed systematically at intersections across the State to reduce the number of fatalities and serious injuries. SCDOT identified more than 2,200 intersections for improvement in the South Carolina Intersection Safety Implementation Plan (ISIP).

The first phase of construction began in September 2009, and approximately 1,280 intersections have been improved to date, primarily through signing, pavement markings, and signal enhancements. SCDOT is currently in the third phase of the plan and expects completion by early 2013.

Intersection Selection

The foundation of the ISIP is a 5-year analysis of statewide crash data, stratified into six different categories of intersections: signalized, single-lane stop-controlled, or multilane stop-controlled intersections in rural areas and signalized, single-lane stop-controlled, or multilane stop-controlled intersections in urban areas. It was not necessary to differentiate ownership (e.g., State vs. local) since most of the roads in South Carolina are under SCDOT jurisdiction and nearly 95 percent of roadway fatalities occur on State-maintained roads. This analysis revealed that 44 percent of all intersection crashes occurred at 1.3 percent of the intersections in the State, based on a per-intersection threshold of five or more crashes within the 5-year period. A list of 2,204 candidate sites was developed based on these findings and included a variety of intersection types and locations.

Overview of Systematic Improvements

In response to the SHSP emphasis area goal of reducing fatal and serious injury crashes at intersections, those locations appearing within the ISIP were targeted to receive improvements in the form of updated signing, pavement markings, and signal enhancements. In order to address the 2,204 intersections, SCDOT established a streamlined installation process for making modifications using low-cost treatments. SCDOT followed FHWA's Intersection Safety Implementation Plan Process to develop their systematic plan.

Types of Treatments

SCDOT's systematic improvements at stop-controlled and signalized intersections were primarily related to signing and pavement markings. Additionally, signalized intersections were treated with low-cost improvements specifically related to traffic signals and associated infrastructure. The typical improvements applied are listed below by treatment category.

All Intersections

- Signing:
 - Doubled up (left and right) signing
 - Oversized signing with high-intensity fluorescent sheeting
 - Advance Street Name signs (W16-8) on Intersection Warning signs
 - Retroreflective sign post panels
 - Solar-powered, sign-mounted beacons
 - Replacement of additional safety related signs (e.g., Do Not Enter, One Way, etc.) within 500 feet of the intersection

- Pavement Markings:
 - Properly placed stop bars (4'-8' offset and perpendicular to the mainline)
 - Dashed edge lines to delineate the mainline and turn bays and establish points of conflicting traffic
 - Lane arrows and word messages in accordance with standard drawings, general notes and specifications
 - Addition of crosswalks



Photo Credit: Joey Riddle, South Carolina Department of Transportation



Photo Credit: Joey Riddle, South Carolina Department of Transportation

Signalized Intersections

- One signal head per lane
- Supplemental nearside sign heads
- Backplates with retroreflective borders
- 12" LED signal indications
- Pedestrian treatments such as push button indicators and pedestrian countdown signals

Additional information on each of these treatments can be found in FHWA's "Low-Cost Safety Enhancements for Stop-Controlled and Signalized Intersections."³



Photo Credit: Mike Farmer, 3M Corporation

SCDOT provided one general template drawing for each of the four intersection types (signalized, four-way stop-controlled, two-way stop-controlled, and T-type stop-controlled) in the bid documents. Figures 1 through 4 show the typical application of these improvements to each specific intersection type. The templates were intended to provide general information to potential bidders about the treatments required by intersection type.

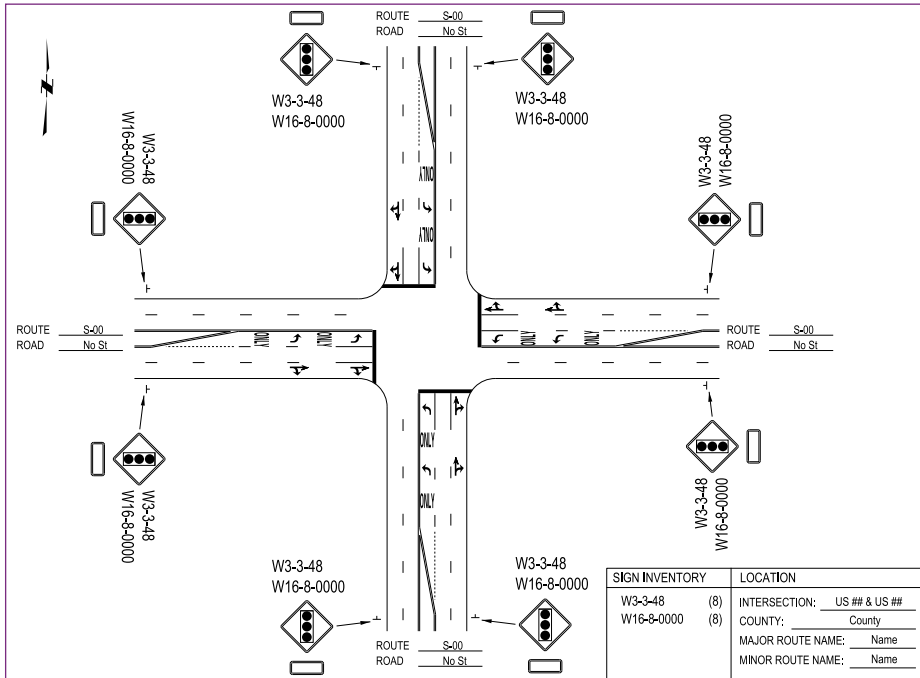


Figure 1. SCDOT's Template for Signalized Intersection

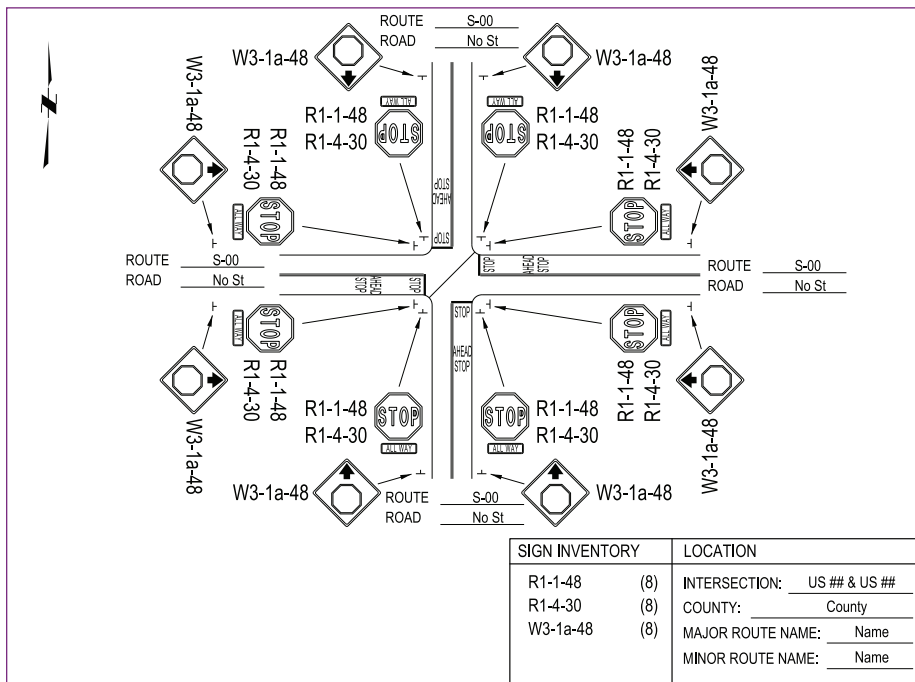


Figure 2. SCDOT's Template for Four-Way, Stop Controlled Intersections

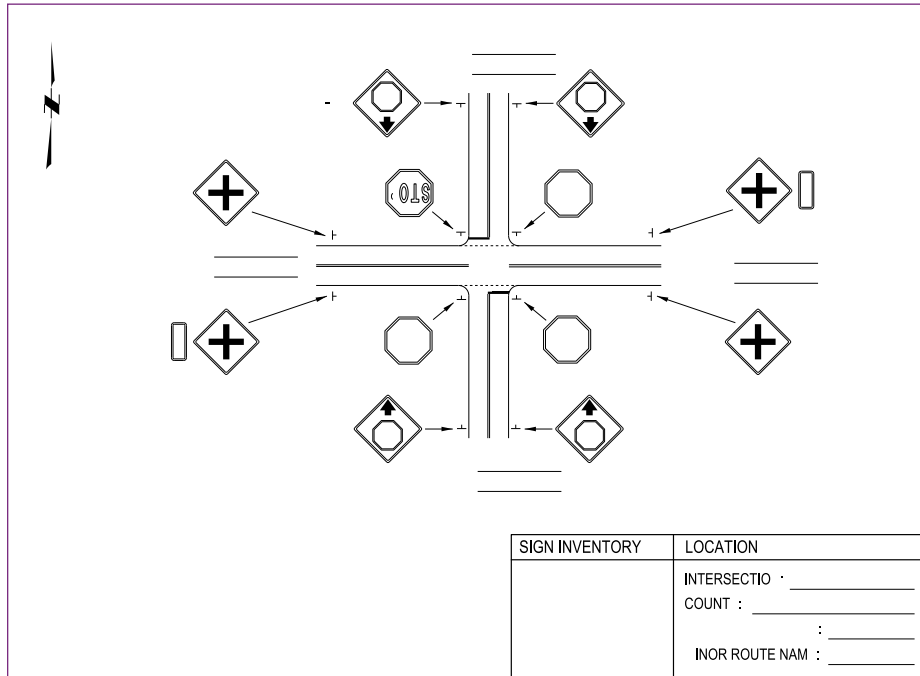


Figure 3. SCDOT's Template for Two-Way, Stop Controlled Intersections

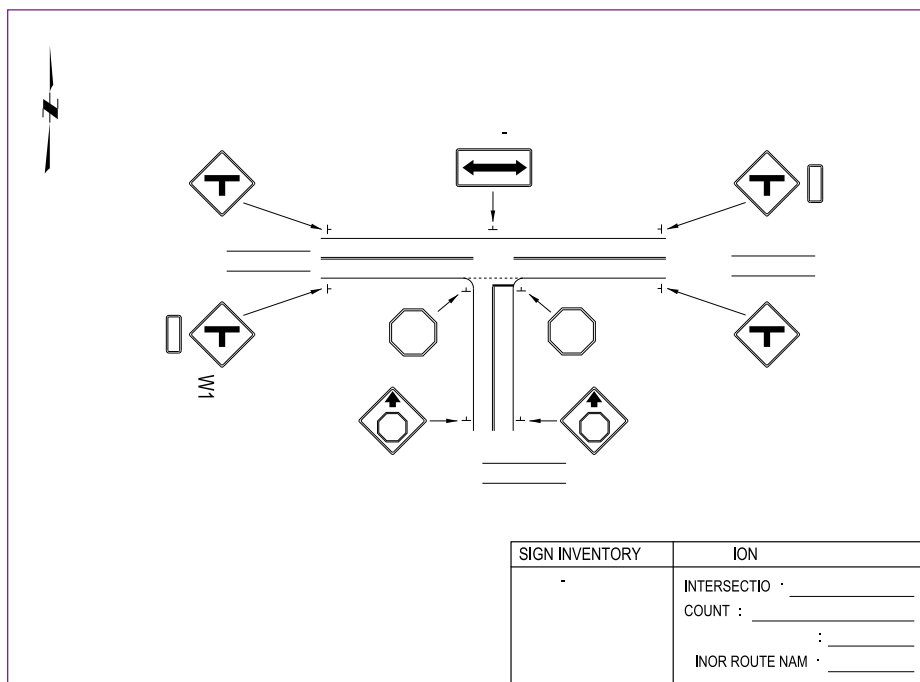


Figure 4. SCDOT's Template for T-Type, Stop Controlled Intersections

Contracting for Systematic Intersection Improvements

Following the identification of intersections through the development of the ISIP, SCDOT developed a contract vehicle structured to accommodate the systematic approach proposed in the ISIP. The contract was a single, statewide, 3-year contract that was renewable each year. It was structured to treat approximately one-third of the intersections identified in the plan each year for 3 years.

Improvements to traffic signals were addressed through four separate, low-bid contracts that SCDOT let for bid. Four different contractors installed the low-cost improvements at the signalized intersections.

For the signing and pavement marking enhancements, SCDOT chose to use a statewide, low-bid contract vehicle versus several smaller contracts for several key reasons:

- Uniformity of implementation statewide;
- Administrative efficiencies of a single contract; and
- Economies of scale realized through lower unit pricing on larger-scale statewide contract.

SCDOT chose not to use in-house maintenance staff on the project due to the magnitude of the project and the time it would take to complete.

Stakeholders

There were four primary stakeholders with roles in crafting the improvement plan, funding the improvements, and installing the treatments: SCDOT Headquarters; SCDOT District Offices; the contractor and subcontractor; and FHWA's Office of Safety, Resource Center, and SC-Division Office.

The four primary SCDOT Headquarters offices involved in this project were the Construction, Maintenance, Traffic Safety, and Contracts departments. SCDOT is a centralized organization where Headquarters controls funding and identifies projects, with input from the Districts. SCDOT has seven District

Offices, each with a District Traffic Engineer, who coordinated with the contractor and SCDOT Headquarters on improvements to intersections within their District lines.

The contractor selected by SCDOT was responsible for ground-mounted signs and pavement marking installations at all intersections within the project. The contractor's engineering services subcontractor was responsible for staking all of the intersections, verifying the drawings matched field conditions, and making other professional engineering recommendations and decisions on behalf of the contractor.

FHWA's Resource Center and SC-Division Office provided training to SCDOT on systematic improvement concepts, signing and marking practices, and Highway Safety Improvement program (HSIP) eligibility requirements.

Funding Process

A section in the SCDOT SHSP identifies five key emphasis areas based on an analysis of crash data. One key emphasis area is Serious Crash Types, of which Intersections were one of nine crash types identified. Engineering strategies identified in the SHSP that address serious intersection crashes were also identified in SCDOT's ISIP. The consistency between the ISIP and SHSP and the identification of the projects through a systematic, data-driven process allowed for the projects to be implemented using HSIP funds. Signing and pavement markings were two of several specific treatments proposed in the ISIP. USC 120(c) allows certain safety improvements such as signing and markings to be eligible for 100 percent Federal funding; therefore, SCDOT's 3-year systematic intersection improvement project did not require any State matching funds. The project was included in SCDOT's State Transportation Improvement Program (STIP). The approval of the STIP by SCDOT's Commission allowed for the allocation of Federal appropriations.

Contract Execution and Administration

The SCDOT Offices of Traffic Engineering, Maintenance, and Construction coordinated with the Contracting Office to prepare the contract for bid. The low-bid contract was eventually administered at the Headquarters level through the Construction Office, with the Traffic Safety Office filling the role of project management.

The contract was awarded to the lowest pre-qualified bidder. Prequalification of an SCDOT contractor is based on a verified experience and responsibility record and availability of equipment. The contractor selected was responsible for installing ground-mounted signs and pavement markings at all intersections within the project areas. The engineering services subcontractor was responsible for ensuring that signing and pavement marking plans were tailored to the site conditions present at each intersection and met both State standards and MUTCD requirements, staking the intersections, and adjusting and submitting detailed construction plans on behalf of the contractor following the award of the low-bid contract.

Under a separate contract vehicle, four other contractors supported this effort and were responsible for installation of traffic signal-related countermeasures at signalized intersections under this project.

Implementation

SCDOT Headquarters released work orders to the District Traffic Engineering Offices, with 40 to 50 intersections per work order (for a total of 45 work orders in the project). Most work orders comprised intersections within a single District to minimize coordination complexity across District lines.

During the first year of the contract, SCDOT Headquarters created site-specific drawings for all intersections during the pre-construction development of work orders. During years 2 and 3, SCDOT hired four independent consultants from a pre-qualified engineering services contract to develop site-specific drawings. Site-specific drawings were developed from initial field inspections (year 1 by SCDOT, years 2 and 3 by consultants) and provided to the contractor and subcontractor.



Photo Credit: Joey Riddle, South Carolina Department of Transportation

Example of signing adjustments to be made after field inspection.

Before beginning construction on a given intersection, the subcontractor identified and staked proposed intersections for new signs and pavement markings, verified that specifications within tolerances were met using the initial drawings, and if not, made layout adjustments as necessary. During this staking process, the subcontractor submitted any proposed changes to the design plans to the District Traffic Engineer, who verified the revisions and made recommendations to SCDOT Headquarters for final approval, as shown in Figure 5. The contractor then held a kick-off meeting with the relevant District Office to review the construction plans for intersections within the work order.

Due to the importance of keeping the intersection improvements uniform across the State, a high level of communication between stakeholders was necessary during construction. The contractor and the subcontractor, SCDOT Headquarters, and the District Offices regularly communicated throughout the implementation of the project and kept each other up to date on activities in the field. The subcontractor had a field project representative who traveled between construction sites in a given area to provide oversight. SCDOT District Inspectors were also in the field during installation. District Inspectors either approved work if it was completed per the plan drawings or created a punch list if there were deviations from the plan. The inspectors confirmed the quantity and type of work performed for payment to the contractor.

If during the installation phase it was discovered that an adjustment to the plan was required—for example, if it was found that the proposed location for a new sign post conflicted with underground utilities—the subcontractor would submit recommendations to the District Traffic Engineer. The District Traffic Engineer reviewed and verified recommended changes and

South Carolina Case Study: Systematic Intersection Improvements

submitted them for approval to SCDOT Headquarters. The contractor and the subcontractor developed a field installation workbook that contained all pertinent information on construction at a particular site, including final approved drawings, installation checklists (Figure 6), and punch list forms. A process flow chart for the project was defined and is shown in the appendix.

In addition, to maintain a record of inventory over the course of the fast-paced project, the contractor and subcontractor developed a reconciliation spreadsheet (Figure 7) to manage multiple crews and to document and verify installed quantities for payment. SCDOT developed a project overview spreadsheet to track the completion status of various phases of each work order, as shown in the appendix.

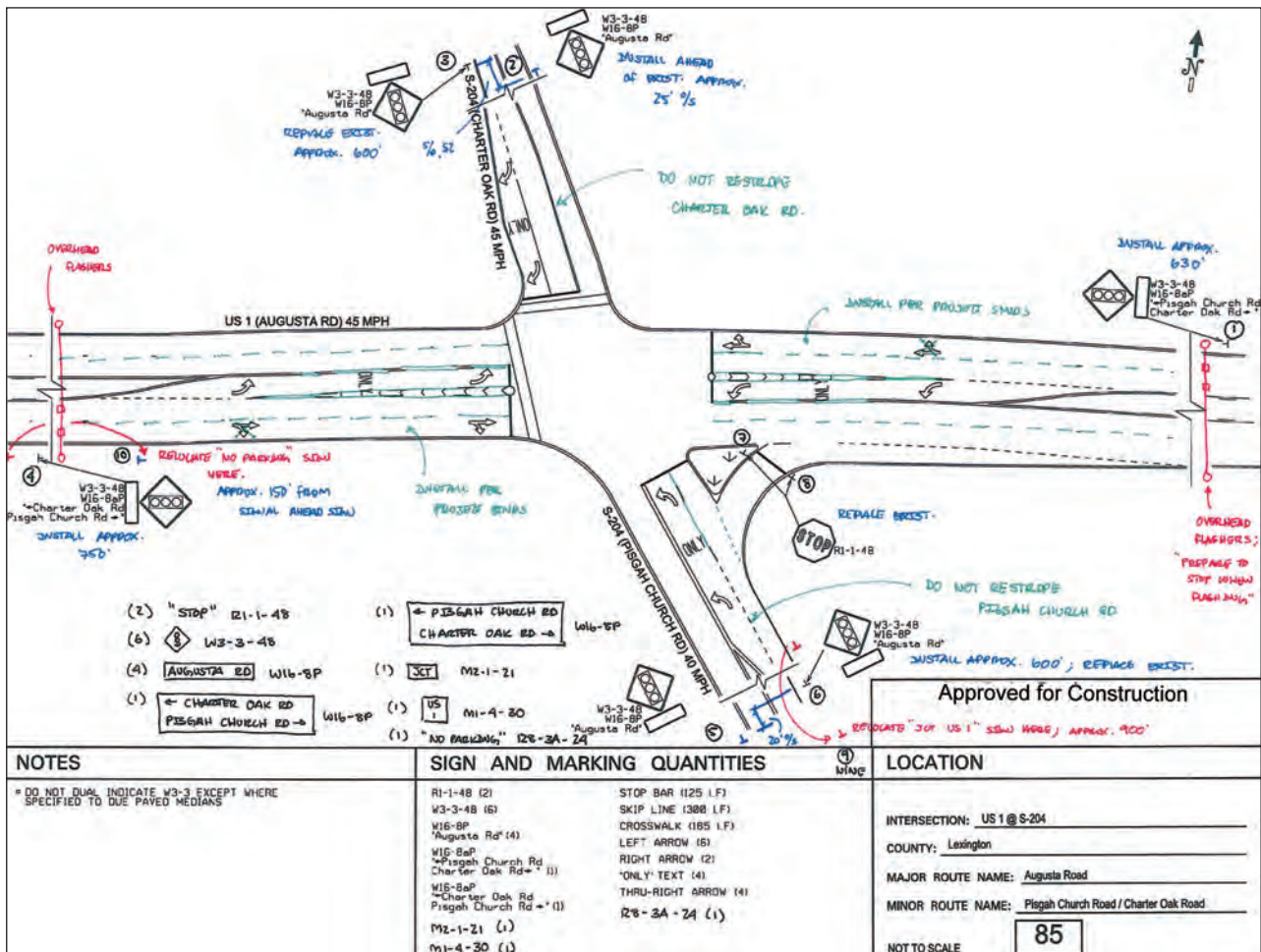


Figure 5. Approved Construction Drawing

**SCDOT Low Cost Intersection Improvements
Project # 47.038390
Intersection Sign Installation Work Checklist**

Intersection ID: 85	Route: US 1	Crossing: S- 204	Date: 3/1/12
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SCDOT Inspector: *[Signature]*

Omitted Signs from DOT Approved Construction Drawing
[** Indicate whether e-mail or phone approval and Date & Time]

Install Loc ID	MUTCD	Reason for Omitting Sign (i.e. utilities conflict)	** Joey Riddle Approved	SCDOT (initial)	Contractor (initial)

Signs Installed at Locations other than as Staked (greater than 50 foot deviation)
[** Indicate whether e-mail or phone approval and Date & Time]

Install Loc ID	MUTCD	Reason for Moving Sign (i.e. utilities conflict)	** District Traffic Engineer Approved	SCDOT (initial)	Contractor (initial)

Installation Checklist	Yes	Punch List Item
1. Installation in accordance with Construction Drawing	✓	
2. Existing/ Old signs have been removed		✓
3. If new Beacons, existing electrical has been removed	✓	
4. New signs free from obstructions (vegetation trimmed if req'd)	✓	
5. New signs free from conflicting existing signing	✓	
6. New signs DO NOT BLOCK visibility from existing drives	✓	
7. Date stickers installed and fully dated	✓	

Punch List Items:

Install Loc ID	MUTCD	Description of Problem
		Plans called for Augusta Rd.
		actually Augusta Hwy had to order new signs
		<i>[Signature]</i> KAC Completed 3/1/12

Final Inspection Passed (Punch List 100% Completed)

Date: 3/1/12 Time: _____

Inspector/Representative: *[Signature]*

Figure 6. Sign Installation Checklist

South Carolina Case Study: Systematic Intersection Improvements

SCDOT Project 47.038390 WO #30 Sign Installation Record

Installed: 2/7/12 SCDOT: [Signature] Inspected: 3/1/12

Interst'n ID	Loc ID	MUTCD	Icon Insert	MUTCD Ext	Width (in)	Height (in)	Hole Space Final	Sign Pay Item (square feet)					Sign Installed?	Anchor (lineal feet)	Post Length (lineal feet)	Reflector Strip (lineal feet)	Post length for D-signs (L.F.)	Bracing for D-signs	Post Coring (each)	Beacon (each)
								6510105	6510106	6510109	6510111	9900500								
85	1	W3-3		(blank)	48	48	30			16.00			2	281	192					
		W16-8a		← PISGAH CHURCH RD CHARTER OAK RD →	54	15	30		5.63				2	286	192					
	2	W16-8		Augusta Rd	36	8	30		2.00				2	286	192					
		W3-3		(blank)	48	48	30			16.00										
	3	W16-8		Augusta Rd	36	8	30		2.00				2	279	192					
		W3-3		(blank)	48	48	30			16.00										
	4	W3-3		(blank)	48	48	30			16.00				2	282	192				
		W16-8a		← CHARTER OAK RD PISGAH CHURCH RD →	54	15	30		5.63											
	5	W16-8		Augusta Rd	36	8	30		2.00				2	273	192					
		W3-3		(blank)	48	48	30			16.00										
6	W16-8		Augusta Rd	36	8	30		2.00				2	273	192						
	W3-3		(blank)	48	48	30			16.00											
7	R1-1		(blank)	48	48	30			16.00			2	206	449	138					
8	R1-1		(blank)	48	48	30			16.00			2	228	449	150					
9	M1-4			1	24	24	none	4.00				1	188							
	M2-1		White	21	15	none	2.19													
	10	R8-3A	-	(blank)	24	24	none	4.00				1	128							
85 Total								6.19	4.00	96.00	32.00	19.25								

Figure 7. Reconciliation Spreadsheet

Use of Project Management Web site

The bid documents outlined requirements for a project management internet site that the contractor developed and maintained for the duration of the project. This project management website was a deviation from standard practices due to the project's large size and complex logistics, as compared to contracts typically awarded by SCDOT. The website was primarily used to provide data to SCDOT on a regular basis and to report the progress of work performed on the contract. Contract documents defined the minimum requirements of the website; however, the website developed ultimately included more features.

Table 1 illustrates the Web site data requirements for pavement markings and traffic signs, as specified in the bid documents. Additional requirements can be found in the SCDOT's Proposal, "Contract and Bond for Highway Construction 'Intersection Improvements' for project #: SA09(002)."

Table 1. SCDOT's Data Requirements for Internet Website

Pavement Markings	Traffic Signs
Road name/Highway # (intersections)	Road name/Highway # (intersections)
Work Order #	Work Order #
Quantities of material installed	GPS coordinates of each traffic sign location
Type of material used	Sign ID # (bar code of new signs)
Field Supervisor name	Sign ID # (bar code – removed signs/posts) Ex. Signs had ID # and posts have an Assembly #
Status of work – planned or completed	MUTCD code for each sign type
Start Date	Sign dimensions (width and height)
Finish Date	Sign face substrate
Date Evaluated	Post type/style
Evaluation results – durability and retroreflectivity (PDF file download option)	Date of sign installation
	Sheeting type
	Sign face direction
	Field Supervisor name
	Status of work – planned or completed
	Approval date – utility locates
	Start Date of Work Order
	Finish Date of Work Order

Results of Implementation

Realization of Safety Benefits

To date, safety analyses have not been conducted on this 3-year project. An FHWA study will evaluate the safety effects of SCDOT's low-cost systematic intersection improvements—one of several evaluations that will be conducted as part of the FHWA Evaluation of Low Cost Safety Improvements Pooled Fund Study (ELCSI PFS).

Public Reaction/Input

Following the improvements in the first year of the contract, overall public reaction was positive. Some feedback indicated dissatisfaction with certain visual and aesthetic impacts of the improvements, such as larger, brighter signage in close proximity to private property or in historic districts. However, such comments became less frequent over time, especially as citizens began to understand the safety benefits expected from the installation of the treatments.

Lessons Learned

Ability to Adjust the Contract

All stakeholders on the project emphasized that mutual flexibility was an important key to the success of this project. Contract documents cannot account for the myriad of possible variables when dealing with hundreds of individual intersections. It was essential to “expect the unexpected” and be prepared to communicate in a timely and informative manner in order to deal with the inevitable issues that arose (e.g., proposed sign placement conflicted with utilities equipment).

Communication

The unique nature and logistics of a project of this sort, with hundreds of sites spread around an entire state, make communication vital. The contractor and subcontractor, SCDOT Headquarters, and the District offices communicated regularly during the planning and construction phases of each work order. SCDOT District personnel performed site inspections during the installation stage, and both District Inspectors and the in-field contracting team signed off on any required alterations to the plans before routing them to SCDOT Headquarters for approval. Communication between the subcontractor and SCDOT Headquarters became less frequent after the initial months of the project as they developed a relationship of mutual trust and understanding.

Communication to the public was also an important aspect of this project, as it is on any construction project with impacts visible at the community level. Future projects would benefit from more outreach in historic districts to address the concerns of the residents without sacrificing potential safety improvement treatments. In addition, it may be beneficial to use social media outlets to communicate when and where construction is taking place.

Contract Type

For future projects, SCDOT would likely consider issuing a Request for Qualifications (RFQ) or Request for Proposals (RFP) to determine the technical qualifications of engineering services contractors before going through the low-bid process. Because of the complexity of the project and the design-build elements it entailed, SCDOT suggests using a hybrid approach that combines low-bid contracts awarded to pre-qualified contractors with pre-qualified engineering services subcontractors, rather than strictly using a low-bid process. Table 2 lists some of the advantages and disadvantages of the low-bid and qualifications-based contracts cited by the various stakeholders.

Lesson Learned: Communicate early and often...and expect the unexpected.

Table 2. Advantages/Disadvantages of Low-bid and Qualifications-based Contracts

Low-bid		Qualifications-based	
Advantages	Disadvantages	Advantages	Disadvantages
Fast decisionmaking process	Bidders may not have technical qualifications	Technical proposals provide opportunity for contractors to demonstrate technical capabilities	Longer decisionmaking process
Lowest upfront cost to State	Additional costs if winning contractor is not capable	Work is more efficient/reliable and State has confidence in work being conducted	Potentially higher cost due to technical qualifications

The contractor and subcontractor recommended that other States use a qualifications-based approach that focuses on technical capabilities for future projects similar in nature to the systematic approach used in South Carolina. All noted that SCDOT was fortunate to find a very reliable and trustworthy contractor/subcontractor team for this project, but contracts that are strictly low-bid do not necessarily provide an opportunity for the State to understand the technical capabilities of the bidding firms.

Additionally, SCDOT, the contractor, and the subcontractor all suggested that serious thought should be given to determining whether the firm conducting installations should be on the same contract as the firm conducting engineering services, as it provides the potential for a conflict of interest.

Plans Development

Initially, SCDOT provided site-specific drawings for the improvements to be made at each intersection during the first year. Due to the overwhelming quantity of plans to be produced, SCDOT opted to shift this work to four consulting firms, independent from the contractor, for the second and third years.

Over the course of the project, the contractor and subcontractor developed a very strong understanding of SCDOT's expectations for the proper application of the signing and marking treatments and had considerable involvement in the revisions of the drawings provided by the

consultants. However, both the contractor and the subcontractor noted that it would have been easier to either draw the plans themselves or have a single consulting firm draw all the plans to avoid discrepancies between the drawings.

The subcontractor and contractor stated that the drawings, like those provided by SCDOT and their consultants, needed to provide enough detail to be considered a construction drawing. Changes had to be made to the original site-specific drawings based on realities in the field, and revisions were often necessary.

Inspection Responsibility

Rather than dividing inspection responsibilities by District and having many staff members throughout the State, the subcontractor suggested that SCDOT have the same set of inspectors working on sites throughout the State. This would reduce the need for re-education of District staff and would ensure a more consistent inspection process statewide.

Future Steps

For the second and third years of the systematic intersection improvements, SCDOT used consultants to produce site-specific drawings for the remaining intersections identified in the ISIP. SCDOT has also indicated they are considering separating the installation work from the engineering services portion of the contract and using a process to determine the technical capabilities of engineering services subcontractors through an RFP/RFQ process before initiating the low-bid process.

SCDOT is planning to conduct a large, statewide curve improvement project using a systematic approach similar to that used in the intersection improvement project.

References

1. Intersection Safety Implementation Plan Process, FHWA-SA-10-010.
http://safety.fhwa.dot.gov/intersection/resources/intersaf_ipp0709/fhwas10010.pdf
2. A Focused Approach to Safety Guidebook, FHWA-SA-11-44.
<http://safety.fhwa.dot.gov/fas/guidebook.cfm#intersectionhighlights>
3. Low-Cost Safety Enhancements for Stop-Controlled and Signalized Intersections, FHWA-SA-09-020.
<http://safety.fhwa.dot.gov/intersection/resources/fhwas09020/fhwas09020.pdf>

Appendix

Project Overview: Stage Completion

3/22/2012

South Carolina Low Cost Intersection Improvements Project
Contract ID: 47.038390

Work Order #	SCDOT District #	No. of Intersections	Original Drawings Received	Field Staking	District Plan Review	SCDOT HQ Review	Sign Fabrication	Sign Installation	Long Line PM Install	Hand Work PM Install	Sign Punchlist Work	PM Punchlist Work	PM Reflectivity Readings
29	1	41	Yes	Complete	Complete	Complete	Complete	Complete	Underway 03/20/12	Underway 03/19/12 (8 Int. left)			
30	1	45	Yes	Complete	Complete	Complete	Complete	Complete	Underway 03/20/12	Planned (start 03/26/12)			
33	5	75	Yes	Complete	Complete	Complete	Complete	Underway 03/14/12		Underway 03/20/12			
34	5	26	Yes	Complete	Complete	Complete	Underway 03/15/12	Planned (start 04/09/12)		Planned (start 04/18/12)			
31	1	42	Yes	Complete	Underway 03/12/12								
24	2	44	Yes	Underway 03/15/12									
32	2	43	Yes	Projected (start 03/29/12)									
35	1	41	Yes										
36	1	42	Yes										
37	1	41	Yes										
38	1	45	Yes										
39	3	45	Pending										
40	3	44	Pending										
41	3	47	Pending										
42	3	43	Pending										
43	6	59	Yes										
44	6	47	Yes										
45	6	59	Yes										

Process Map Flow Chart

A Technical Document to Aid The South Carolina Department Of Transportation (SCDOT), the Contractor, and the Subcontractor During Document Chain of Custody.

Order	Entity	Description
Step 1	SCDOT HQ	Post Work Order
Step 2	Contractor	Publish Work Order To Project Website
Step 2A	Subcontractor	Conduct Field Engineering Review & Stake Sign Locations
Step 3	Contractor	Prepare Intersection ID Document Labels
Step 3A	Subcontractor	Prepare Work Order Plan And Staking Review Document
Step 4	Subcontractor	Schedule District Work Order Planning Meeting – Communicate Review Requirements And Approval Process
Step 5	SCDOT	District Review & Edit Work Order Plan And Staking Document
Step 6	SCDOT	HQ Review & Approve Or Deny Culmination Of Field Engineering And District Edits Post Approved Final Work Definition Document
Step 7	Contractor	Build Sign Detail Sheet And Order Traffic Signs
Step 8	Subcontractor	Correct Sign Staking (As Necessary)
Step 9	Contractor	Prepare Detailed Work List For Installation Crews
Step 10	Contractor	Produce And Distribute Field Workbooks
Step 11	Contractor	Publish Approved Work Order Diagrams To Project Web Site
Step 12	Contractor	Publish Work Schedule To All Parties And On Project Web Site
Step 13	Contractor	Mobilize Installation Contractors
Step 14	SCDOT HQ	Review And Approve Fields Corrections. (Real Time)
Step 14A	SCDOT District	Identify Potential Field Corrections
Step 14B	Subcontractor	Identify Potential Field Corrections
Step 15	SCDOT District	Inspect Work As It Occurs
Step 15A	Subcontractor	Inspect Work As It Occurs
Step 16	Contractor	Maintain Punch List And Publish To Project Web Site

For More Information:

Visit <http://safety.fhwa.dot.gov>

**South Carolina
Department of Transportation
855-GO-SCDOT (855-467-2368)**

**South Carolina Division
Federal Highway Administration
830-765-5411**

ATTACHMENT G

New Jersey Safety Countermeasure: Flashing Warning Beacon

Stop Sign Flasher:

Route US 40 and Malaga Park Drive (CR 614) in Franklin Township, Gloucester County
(left)

Route US 206 and Juliustown Road (CR 669) in Springfield Township, Burlington County
(right)

<https://goo.gl/maps/q6EUBAhiKZ6CjBz39>

<https://goo.gl/maps/ZZEdDEDqE73FztB17>



School Crossing signs: Route US 206 MP 108.40, Newton Town, Sussex County

<https://goo.gl/maps/eZHZPPykiTt48fA9>



School Speed Limit Warning Beacon: Route US 40 MP 11.03, Woodstown, Gloucester County:

<https://goo.gl/maps/WvSjBktrFMRACe3TA>



Overhead Reduced Speed Limit Ahead Warning Beacon: Route 130 in Burlington City MP 45.88, Burlington County

<https://goo.gl/maps/WvSjBktrFMRACe3TA>



Overhead Stop Ahead Warning Beacon: Route US 202 NB near Somerville Circle MP 24.31, Raritan Borough, Somerset County

<https://goo.gl/maps/diKDaFzjnVd1rxUN7>



Overhead Yield Ahead Warning Beacon: Route US 206 NB near Somerville Circle MP 71.19, Raritan Borough, Somerset County

<https://goo.gl/maps/EBCqxPjS29YxxbAv6>



Overhead Curve Warning Beacon: Route NJ 73 MP 10.40, Winslow Township, Camden County

<https://goo.gl/maps/7W9vYgpT1zt29EEE6>



Curve Warning Beacon: Route NJ 37 MP 13.16, Berkeley Township, Ocean County

<https://goo.gl/maps/bbxmxJNSEU2H2G2y9>



Pedestrian Warning Beacon: Route NJ 36 MP 6.35, Monmouth Beach Borough, Ocean County

<https://goo.gl/maps/sAvAdSeORCAZv5B96>

