

New Jersey Network Screening Lists, 2019

Cape May County - High Risk Rural Roads (2014-2016 Crashes)

Developed by GPI, Jacobs, and MBO Engineering for the New Jersey Department of Transportation (NJDOT)

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IN [2014,2015,2016]	Years 2014, 2015, 2016
IN [1,5,6,17]	1 - Atlantic; 5 - Cape May; 6 - Cumberland; 17 - Salem
IN [2,5,6,7,8]	2 - State Highway; 5 - County; 6 - County Authority; 7 - Municipal; 8 - Mun Authority
NOT IN [1]	1 - At Intersection
IN [7,8,9]	7 - Rural Major Collector; 8 - Rural Minor Collector; 9 - Rural Local
IN ['N']	Non-urban (i.e., rural) roads only

The Network Screening List is based upon a programmatic analysis of statewide locations utilizing data supplied by third party sources. Because of limitations in the data supplied and the method used to develop the list, users should be aware that the rankings of locations and data for locations may be incorrect and/or incomplete. Analysis and engineering judgement should be used when applying insights and assessing network locations. The New Jersey Department of Transportation makes no guarantees as to the accuracy, completeness, or content of the information. This list is subject to update as more information becomes available.

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Equivalent Property Damage Only (ePDO) Score Weights

Crash Severity	KABCO Scale	2016 Dollars	ePDO Value (K=A)
Fatal	K	\$11,295,400	55.0420
Incapacitating	A	\$655,000	55.0420
Non-incapacitating	B	\$198,500	16.6807
Possible Injury	C	\$125,600	10.5546
Property Damage Only	PDO	\$11,900	1.0000

$$ePDO_{TOTAL} = [K]*[ePDO_K] + [A]*[ePDO_A] + [B]*[ePDO_B] + [C]*[ePDO_C] + [PDO]*[ePDO_{PDO}]$$

Peer Group	Average Severe Crashes per Mile	No. of Locations
Major Collector, County Jurisdiction	0.1071	108
Major Collector, Municipal Jurisdiction	0.3513	4
Major Collector, NJDOT Jurisdiction	0.0000	1
Minor Collector, County Jurisdiction	0.0517	46
Minor Collector, Municipal Jurisdiction	0.1664	4
Minor Collector, NJDOT Jurisdiction	NA	0
Local, County Jurisdiction	0.0210	120
Local, Municipal Jurisdiction	0.0064	151
Local, NJDOT Jurisdiction	0.0000	1

SJTPO Rank (Severe Crashes per Mile)	Town	County	MPO	Route	Peer Group	SRI	Mile Post - From	Mile Post - To	Length	Crashes by Severity (2014-2016)						Severe Crashes per Mile	Severe Crashes per Mile (Peer Group + MPO Average)	Under or Over Average	Weighted Score (ePDO)	Weighted Score per Mile
										Total Crashes	K	A	B	C	No Injury					
5	UPPER TWP	CAPE MAY	SJTPO	SUNSET DR	Local, Municipal Jurisdiction	05111148	0.00	1.05	1.05	3	0	1	0	1	1	0.9524	0.0064	Over	66.60	63.43
15	MIDDLE TWP	CAPE MAY	SJTPO	CAPE MAY COUNTY 615	Minor Collector, County Jurisdiction	05000615	2.39	4.14	1.75	3	0	1	0	0	2	0.5714	0.0517	Over	57.04	32.60
19	WOODBINE BORO	CAPE MAY	SJTPO	CAPE MAY COUNTY 611	Major Collector, County Jurisdiction	05000611	0.61	2.72	2.11	11	0	1	4	0	6	0.4739	0.1071	Over	127.76	60.55
27	MIDDLE TWP	CAPE MAY	SJTPO	CAPE MAY COUNTY 601	Major Collector, County Jurisdiction	05000601	0.68	3.82	3.14	23	1	0	2	9	11	0.3185	0.1071	Over	194.39	61.91