

New Jersey Network Screening Lists, 2019

Atlantic 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					
4	GALLOWAY TWP	ATLANTIC	SJTPO	ATLANTIC COUNTY 614	Minor Collector, County Jurisdiction	01000614__	5.86	6.78	0.92	5	0	1	1	1	2	1.0870	0.0517	Over	84.28	91.61
7	MULLICA TWP	ATLANTIC	SJTPO	ROUTE 542	Major Collector, County Jurisdiction	00000542__	4.44	8.08	3.64	42	2	1	5	10	24	0.8251	0.1071	Over	378.08	103.98
9	BUENA VISTA TWP	ATLANTIC	SJTPO	ROUTE 540	Major Collector, County Jurisdiction	00000540__	40.30	43.16	2.86	35	1	1	4	3	26	0.6993	0.1071	Over	234.47	81.98
11	BUENA VISTA TWP	ATLANTIC	SJTPO	MALAGA RD	Major Collector, Municipal Jurisdiction	01121291__	3.85	6.90	3.05	24	1	1	1	6	15	0.6551	0.3513	Over	205.09	67.18
12	BUENA VISTA TWP	ATLANTIC	SJTPO	8 TH ST	Minor Collector, Municipal Jurisdiction	01131075__	2.52	4.09	1.57	7	1	0	0	0	6	0.6369	0.1664	Over	61.04	38.88
22	HAMILTON TWP	ATLANTIC	SJTPO	MILLVILLE AVE	Local, Municipal Jurisdiction	01121125__	0.00	2.74	2.74	1	0	1	0	0	0	0.3650	0.0064	Over	55.04	20.09
29	MULLICA TWP	ATLANTIC	SJTPO	RICHARDS AVENUE	Local, Municipal Jurisdiction	01171042__	0.33	3.97	3.64	3	0	1	0	1	1	0.2747	0.0064	Over	66.60	18.30
33	HAMILTON TWP	ATLANTIC	SJTPO	ROUTE 552	Major Collector, County Jurisdiction	00000552__	22.80	27.27	4.47	48	1	0	8	11	28	0.2237	0.1071	Over	332.59	74.40
38	HAMILTON TWP	ATLANTIC	SJTPO	ROUTE 559	Major Collector, County Jurisdiction	00000559__	21.03	26.31	5.28	18	0	1	0	2	15	0.1894	0.1071	Over	91.15	17.26
39	GALLOWAY TWP	ATLANTIC	SJTPO	ATLANTIC COUNTY 624	Local, County Jurisdiction	01000624__	0.21	6.56	6.35	8	1	0	1	0	6	0.1575	0.0210	Over	77.72	12.24
41	WEYMOUTH TWP	ATLANTIC	SJTPO	ATLANTIC COUNTY 666	Minor Collector, County Jurisdiction	01000666__	0.00	8.09	8.09	24	0	1	4	3	16	0.1236	0.0517	Over	169.43	20.94
42	ESTELL MANOR CITY	ATLANTIC	SJTPO	ROUTE 557	Major Collector, County Jurisdiction	00000557__	12.75	21.33	8.58	49	0	1	4	4	40	0.1166	0.1071	Over	203.98	23.77