

New Jersey Network Screening Lists, 2019

Cumberland 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

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					
6	MAURICE RIVER TWP	CUMBERLAND	SJTPO	ROUTE 550	Major Collector, County Jurisdiction	00000550__	0.00	3.54	3.54	42	1	2	3	8	28	0.8475	0.1071	Over	327.60	92.54
23	STOW CREEK TWP	CUMBERLAND	SJTPO	CUMBERLAND COUNTY 635	Major Collector, County Jurisdiction	06000635__	0.00	2.79	2.79	7	1	0	1	1	4	0.3584	0.1071	Over	86.28	30.92
31	FAIRFIELD TWP	CUMBERLAND	SJTPO	CUMBERLAND COUNTY 698	Major Collector, County Jurisdiction	06000698__	1.25	5.16	3.91	21	0	1	3	6	11	0.2558	0.1071	Over	179.41	45.89
32	FAIRFIELD TWP	CUMBERLAND	SJTPO	CUMBERLAND COUNTY 670	Major Collector, County Jurisdiction	06000670__	2.94	6.96	4.02	13	1	0	2	2	8	0.2488	0.1071	Over	117.51	29.23
34	MAURICE RIVER TWP	CUMBERLAND	SJTPO	CUMBERLAND COUNTY 644	Local, County Jurisdiction	06000644__	0.94	5.59	4.65	11	0	1	0	3	7	0.2151	0.0210	Over	93.71	20.15
36	LAWRENCE TWP	CUMBERLAND	SJTPO	CUMBERLAND COUNTY 610	Major Collector, County Jurisdiction	06000610__	2.59	7.69	5.10	41	0	1	4	7	29	0.1961	0.1071	Over	224.65	44.05