

New Jersey Network Screening Lists, 2019

Ocean - 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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Crash Filtering Criteria				
Crash	AND	Year	IN [2014,2015,2016]	Years 2014, 2015, 2016
		County	IN [2,7,9,10,12,13,14,15,16,18,19,20,21]	2 - Bergen; 7 - Essex; 9 - Hudson; 10 - Hunterdon; 12 - Middlesex; 13 - Monmouth; 14 - Morris; 15 - Ocean; 16 - Passaic; 18 - Somerset; 19 - Sussex; 20 - Union; 21 - Warren
		Road_Sys_Code	IN [2,5,6,7,8]	2 - State Highway; 5 - County; 6 - County Authority; 7 - Municipal; 8 - Mun Authority
		Intersection	NOT IN [1]	1 - At Intersection
Road		Road_Func_Class	IN [7,8,9]	7 - Rural Major Collector; 8 - Rural Minor Collector; 9 - Rural Local
		Is_Urban	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	0.1241	205
Major Collector, Municipal Jurisdiction	0.0000	18
Major Collector, NJDOT Jurisdiction	NA	0
Minor Collector, County Jurisdiction	0.0432	85
Minor Collector, Municipal Jurisdiction	0.0279	44
Minor Collector, NJDOT Jurisdiction	NA	0
Local, County Jurisdiction	0.0264	50
Local, Municipal Jurisdiction	0.0104	508
Local, NJDOT Jurisdiction	NA	0

													Crashes by Severity (2014-2016)										
County Rank (Weighted Score)	Rank (Weighted Score)	Rank (Weighted Score per Mile)	County Rank (Weighted Score per Mile)	Town	County	MPO	Route	Peer Group	SRI	Mile Post - From	Mile Post - To	Length	Total Crashes	K	A	B	C	No Injury	Severe Crashes per Mile	Severe Crashes per Mile (Peer Group + MPO Average)	Under or Over Average	Weighted Score	Weighted Score per Mile
1	1	67	3	BARNEGAT TWP	OCEAN	NJTPA	ROUTE 539	Major Collector, County Jurisdiction	00000539__	10.62	20.85	10.23	68	3	2	5	12	46	0.4888	0.1241	Over	531.27	51.93
2	3	55	2	MANCHESTER TWP	OCEAN	NJTPA	ROUTE 539	Major Collector, County Jurisdiction	00000539__	25.36	32.26	6.90	61	1	1	4	18	37	0.2897	0.1241	Over	403.79	58.49
3	7	109	7	LACEY TWP	OCEAN	NJTPA	OCEAN COUNTY 614	Major Collector, County Jurisdiction	15000614__	2.22	9.99	7.77	60	1	1	4	7	47	0.2574	0.1241	Over	297.69	38.32
4	8	116	8	LITTLE EGG HARBOR TWP	OCEAN	NJTPA	ROUTE 539	Major Collector, County Jurisdiction	00000539__	3.63	9.81	6.18	32	1	1	4	3	23	0.3237	0.1241	Over	231.47	37.46
5	15	144	10	OCEAN TWP	OCEAN	NJTPA	ROUTE 532	Major Collector, County Jurisdiction	00000532__	27.09	32.80	5.71	21	0	1	3	6	11	0.1751	0.1241	Over	179.41	31.42
6	18	70	4	BERKELEY TWP	OCEAN	NJTPA	OCEAN COUNTY 618	Major Collector, County Jurisdiction	15000618__	3.78	7.01	3.23	14	1	1	2	1	9	0.6192	0.1241	Over	163.00	50.46
7	48	200	11	BERKELEY TWP	OCEAN	NJTPA	OCEAN COUNTY 618	Local, County Jurisdiction	15000618__	0.00	3.78	3.78	20	1	0	0	1	18	0.2646	0.0264	Over	83.60	22.12
8	123	134	9	BERKELEY TWP	OCEAN	NJTPA	OCEAN COUNTY 619	Local, County Jurisdiction	15000619__	0.00	1.20	1.20	12	0	0	0	3	9	0.0000	0.0264	Under	40.66	33.89
9	127	80	5	STAFFORD TWP	OCEAN	NJTPA	ROUTE 539	Major Collector, County Jurisdiction	00000539__	9.81	10.62	0.81	10	0	0	0	3	7	0.0000	0.1241	Under	38.66	47.67
10	154	404	19	MANCHESTER TWP	OCEAN	NJTPA	HORICON AVE	Local, County Jurisdiction	15180014__	0.00	4.27	4.27	13	0	0	0	2	11	0.0000	0.0264	Under	32.11	7.52
11	167	268	14	JACKSON TWP	OCEAN	NJTPA	REED ROAD	Local, Municipal Jurisdiction	15111006__	0.79	2.75	1.96	4	0	0	1	1	2	0.0000	0.0104	Under	29.24	14.92
12	171	375	18	MANCHESTER TWP	OCEAN	NJTPA	PASADENA ROAD	Local, County Jurisdiction	15180018__	2.00	5.20	3.20	3	0	0	1	1	1	0.0000	0.0264	Under	28.24	8.82
13	178	292	17	MANCHESTER TWP	OCEAN	NJTPA	BECKERVILLE RD	Local, County Jurisdiction	15180002__	0.00	2.06	2.06	7	0	0	0	2	5	0.0000	0.0264	Under	26.11	12.67
14	210	104	6	LACEY TWP	OCEAN	NJTPA	OCEAN COUNTY 614	Major Collector, County Jurisdiction	15000614__	1.70	2.22	0.52	5	0	0	1	0	4	0.0000	0.1241	Under	20.68	39.47
15	231	280	16	JACKSON TWP	OCEAN	NJTPA	REED ROAD	Local, Municipal Jurisdiction	15111001__	0.00	1.30	1.30	2	0	0	1	0	1	0.0000	0.0104	Under	17.68	13.60
16	294	25	1	STAFFORD TWP	OCEAN	NJTPA	STAFFORD PARK BOULEVARD	Local, County Jurisdiction	15300002__	0.19	0.33	0.14	5	0	0	0	1	4	0.0000	0.0264	Under	14.55	101.07
17	377	512	24	JACKSON TWP	OCEAN	NJTPA	HIGH BRIDGE ROAD	Local, Municipal Jurisdiction	15111225__	0.00	2.49	2.49	1	0	0	0	1	0	0.0000	0.0104	Under	10.55	4.24
18	439	211	12	LACEY TWP	OCEAN	NJTPA	OCEAN COUNTY 614	Major Collector, County Jurisdiction	15000614__	9.99	10.24	0.25	5	0	0	0	0	5	0.0000	0.1241	Under	5.00	20.24
19.5	457	581	25	PLUMSTED TWP	OCEAN	NJTPA	ROUTE 539	Major Collector, County Jurisdiction	00000539__	32.26	33.71	1.45	4	0	0	0	0	4	0.0000	0.1241	Under	4.00	2.77
19.5	457	642	28	BARNEGAT TWP	OCEAN	NJTPA	OCEAN COUNTY 610	Local, County Jurisdiction	15000610__	0.00	2.11	2.11	4	0	0	0	0	4	0.0000	0.0264	Under	4.00	1.90
21.5	519	499	23	BERKELEY TWP	OCEAN	NJTPA	MULE RD	Local, County Jurisdiction	150000391__	0.00	0.44	0.44	2	0	0	0	0	2	0.0000	0.0264	Under	2.00	4.55
21.5	519	635	27	BARNEGAT TWP	OCEAN	NJTPA	LOWER SHORE RD	Local, Municipal Jurisdiction	15331345__	0.00	1.00	1.00	2	0	0	0	0	2	0.0000	0.0104	Under	2.00	2.00
27.5	615	248	13	LITTLE EGG HARBOR TWP	OCEAN	NJTPA	ROUTE 539	Major Collector, County Jurisdiction	00000539__	3.57	3.63	0.06	1	0	0	0	0	1	0.0000	0.1241	Under	1.00	16.67
27.5	615	453	22	OCEAN TWP	OCEAN	NJTPA	ROUTE 532	Major Collector, County Jurisdiction	00000532__	32.80	32.97	0.17	1	0	0	0	0	1	0.0000	0.1241	Under	1.00	5.88
27.5	615	430	20	BARNEGAT TWP	OCEAN	NJTPA	LOWER SHORE RD	Local, Municipal Jurisdiction	15331345__	1.00	1.15	0.15	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	6.67
27.5	615	657	29	BARNEGAT TWP	OCEAN	NJTPA	OLD LOWER SHORE ROAD	Local, Municipal Jurisdiction	15331053__	0.00	0.58	0.58	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	1.72
27.5	615	431	21	STAFFORD TWP	OCEAN	NJTPA	CERVETTO RD	Local, Municipal Jurisdiction	15301324__	0.00	0.15	0.15	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	6.67
27.5	615	847	30	PLUMSTED TWP	OCEAN	NJTPA	LONG SWAMP RD	Local, County Jurisdiction	15230004__	0.00	1.59	1.59	1	0	0	0	0	1	0.0000	0.0264	Under	1.00	0.63
27.5	615	909	32	LACEY TWP	OCEAN	NJTPA	DOVER RD	Local, Municipal Jurisdiction	15121109__	0.00	3.45	3.45	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	0.29
27.5	615	590	26	JACKSON TWP	OCEAN	NJTPA	NORTH STUMP TAVERN ROAD	Local, Municipal Jurisdiction	15111004__	0.00	0.38	0.38	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	2.63
27.5	615	871	31	OCEAN TWP	OCEAN	NJTPA	OCEAN COUNTY 611	Local, County Jurisdiction	15000611__	0.00	1.91	1.91	1	0	0	0	0	1	0.0000	0.0264	Under	1.00	0.52
27.5	615	277	15	BERKELEY TWP	OCEAN	NJTPA	MULE ROAD	Local, County Jurisdiction	150000391__	0.44	0.51	0.07	1	0	0	0	0	1	0.0000	0.0264	Under	1.00	14.29