

New Jersey Network Screening Lists, 2019

Morris - 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
Road		Intersection	NOT IN [1]	1 - At Intersection
		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 from 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)																	Severe Crashes per Mile	Severe Crashes per Mile (Peer Group + MPO Average)	Under or Over Average	Weighted Score	Weighted Score per Mile		
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					
1	22	27	2	WASHINGTON TWP	MORRIS	NJTPA	ROUTE 513	Major Collector, County Jurisdiction	00000513	21.92	23.25	1.33	13	2	0	0	1	10	1.5038	0.1241	Over	130.64	98.22
2	64	68	7	WASHINGTON TWP	MORRIS	NJTPA	ROUTE 513	Major Collector, County Jurisdiction	00000513	26.87	28.16	1.29	22	0	0	1	3	18	0.0000	0.1241	Under	66.34	51.43
3	112	210	12	WASHINGTON TWP	MORRIS	NJTPA	ROUTE 513	Major Collector, County Jurisdiction	00000513	23.25	25.47	2.22	20	0	0	1	1	18	0.0000	0.1241	Under	45.24	20.39
4	121	127	8	WASHINGTON TWP	MORRIS	NJTPA	PLEASANT GROVE RD	Minor Collector, Municipal Jurisdiction	14381092	0.00	1.19	1.19	16	0	0	1	1	14	0.0000	0.0279	Under	41.24	34.65
5	156	8	1	WASHINGTON TWP	MORRIS	NJTPA	ROUTE 513	Major Collector, County Jurisdiction	00000513	25.73	25.85	0.12	6	0	0	1	1	4	0.0000	0.1241	Under	31.24	262.48
6	162	36	3	CHESTER TWP	MORRIS	NJTPA	FOX CHASE RD	Minor Collector, Municipal Jurisdiction	14071001	0.00	0.38	0.38	5	0	0	1	1	3	0.0000	0.0279	Under	30.24	79.57
7	174	157	10	CHESTER TWP	MORRIS	NJTPA	MORRIS COUNTY 671	Minor Collector, County Jurisdiction	14000671	1.52	2.47	0.95	8	0	0	0	2	6	0.0000	0.0432	Under	27.11	28.54
8	194	302	17	JEFFERSON TWP	MORRIS	NJTPA	WELDON RD	Major Collector, Municipal Jurisdiction	14141118	2.93	4.86	1.93	4	0	0	0	2	2	0.0000	0.0000	Under	23.11	11.97
9	198	237	13	JEFFERSON TWP	MORRIS	NJTPA	WELDON RD	Major Collector, Municipal Jurisdiction	14141118	4.86	6.13	1.27	7	0	0	1	0	6	0.0000	0.0000	Under	22.68	17.86
10	202	59	5	MENDHAM TWP	MORRIS	NJTPA	ROXITICUS RD	Major Collector, Municipal Jurisdiction	14191045	2.19	2.58	0.39	3	0	0	0	2	1	0.0000	0.0000	Under	22.11	56.69
11	257	46	4	WASHINGTON TWP	MORRIS	NJTPA	WALDON RD	Local, Municipal Jurisdiction	14381150	0.00	0.25	0.25	1	0	0	1	0	0	0.0000	0.0104	Under	16.68	66.72
12	282	271	14	MENDHAM TWP	MORRIS	NJTPA	IRONIA RD	Local, Municipal Jurisdiction	14191035	0.45	1.59	1.14	7	0	0	0	1	6	0.0000	0.0104	Under	16.55	14.52
13	294	371	19	CHESTER TWP	MORRIS	NJTPA	PARKER RD	Local, Municipal Jurisdiction	14071023	0.00	1.61	1.61	5	0	0	0	1	4	0.0000	0.0104	Under	14.55	9.06
14.5	307	65	6	WASHINGTON TWP	MORRIS	NJTPA	ROUTE 513	Major Collector, County Jurisdiction	00000513	25.47	25.73	0.26	4	0	0	0	1	3	0.0000	0.1241	Under	13.55	52.33
14.5	307	281	15	WASHINGTON TWP	MORRIS	NJTPA	COLEMAN RD	Local, Municipal Jurisdiction	14381033	0.00	1.00	1.00	4	0	0	0	1	3	0.0000	0.0104	Under	13.55	13.55
16	317	194	11	MENDHAM TWP	MORRIS	NJTPA	ROXITICUS RD	Minor Collector, Municipal Jurisdiction	14191072	0.00	0.54	0.54	3	0	0	0	1	2	0.0000	0.0279	Under	12.55	23.25
17.5	377	358	18	CHESTER TWP	MORRIS	NJTPA	FOX CHASE RD	Local, Municipal Jurisdiction	14071117	1.36	2.48	1.12	1	0	0	0	1	0	0.0000	0.0104	Under	10.55	9.42
17.5	377	420	21	MENDHAM TWP	MORRIS	NJTPA	N GATE RD	Local, Municipal Jurisdiction	14191043	0.00	1.53	1.53	1	0	0	0	1	0	0.0000	0.0104	Under	10.55	6.90
19.5	439	395	20	WASHINGTON TWP	MORRIS	NJTPA	NEWBURG RD	Major Collector, Municipal Jurisdiction	14381097	0.00	0.64	0.64	5	0	0	0	0	5	0.0000	0.0000	Under	5.00	7.81
19.5	439	299	16	WASHINGTON TWP	MORRIS	NJTPA	ROUTE 517	Major Collector, County Jurisdiction	00000517	5.75	6.16	0.41	5	0	0	0	0	5	0.0000	0.1241	Under	5.00	12.20
21.5	457	569	27	WASHINGTON TWP	MORRIS	NJTPA	VALLEY BROOK RD	Local, Municipal Jurisdiction	14381080	0.00	1.35	1.35	4	0	0	0	0	4	0.0000	0.0104	Under	4.00	2.96
21.5	457	611	30	WASHINGTON TWP	MORRIS	NJTPA	E VALLEY BROOK RD	Minor Collector, Municipal Jurisdiction	14381001	0.00	1.76	1.76	4	0	0	0	0	4	0.0000	0.0279	Under	4.00	2.27
24	483	616	31	MENDHAM TWP	MORRIS	NJTPA	HORIZON DR	Local, Municipal Jurisdiction	14191031	0.00	1.37	1.37	3	0	0	0	0	3	0.0000	0.0104	Under	3.00	2.19
24	483	699	41	MENDHAM TWP	MORRIS	NJTPA	MENDHAM RD	Major Collector, Municipal Jurisdiction	14191045	0.00	2.19	2.19	3	0	0	0	0	3	0.0000	0.0000	Under	3.00	1.37
24	483	526	24	MENDHAM TWP	MORRIS	NJTPA	PLEASANT VALLEY RD	Local, Municipal Jurisdiction	14191048	0.00	0.76	0.76	3	0	0	0	0	3	0.0000	0.0104	Under	3.00	3.95
30.5	519	686	37.5	JEFFERSON TWP	MORRIS	NJTPA	SPARTA MOUNTAIN RD	Local, Municipal Jurisdiction	14141123	0.00	1.36	1.36	2	0	0	0	0	2	0.0000	0.0104	Under	2.00	1.47
30.5	519	665	35	MENDHAM TWP	MORRIS	NJTPA	OAK KNOLL RD	Local, Municipal Jurisdiction	14191039	0.00	1.21	1.21	2	0	0	0	0	2	0.0000	0.0104	Under	2.00	1.65
30.5	519	583	28	MENDHAM TWP	MORRIS	NJTPA	UNION SCHOOL HOUSE RD	Local, Municipal Jurisdiction	14191046	0.00	0.73	0.73	2	0	0	0	0	2	0.0000	0.0104	Under	2.00	2.74
30.5	519	690	39	WASHINGTON TWP	MORRIS	NJTPA	TURTLBACK RD	Local, Municipal Jurisdiction	14381079	0.00	1.38	1.38	2	0	0	0	0	2	0.0000	0.0104	Under	2.00	1.45
30.5	519	693	40	WASHINGTON TWP	MORRIS	NJTPA	W VALLEY BROOK RD	Local, Municipal Jurisdiction	14381080	1.35	2.75	1.40	2	0	0	0	0	2	0.0000	0.0104	Under	2.00	1.43
30.5	519	550	26	WASHINGTON TWP	MORRIS	NJTPA	MIDDLE VALLEY RD	Minor Collector, Municipal Jurisdiction	14381083	0.00	0.61	0.61	2	0	0	0	0	2	0.0000	0.0279	Under	2.00	3.28
30.5	519	640	34	WASHINGTON TWP	MORRIS	NJTPA	MOUNT LEBANON RD	Local, Municipal Jurisdiction	14381088	0.00	1.04	1.04	2	0	0	0	0	2	0.0000	0.0104	Under	2.00	1.92
30.5	519	715	44	WASHINGTON TWP	MORRIS	NJTPA	KINGS HIGHWAY	Local, Municipal Jurisdiction	14381094	0.60	2.14	1.54	2	0	0	0	0	2	0.0000	0.0104	Under	2.00	1.30
30.5	519	620	32	CHESTER TWP	MORRIS	NJTPA	MORRIS COUNTY 671	Minor Collector, County Jurisdiction	14000671	0.58	1.52	0.94	2	0	0	0	0	2	0.0000	0.0432	Under	2.00	2.13
30.5	519	486	23	CHESTER TWP	MORRIS	NJTPA	MORRIS COUNTY 671	Minor Collector, County Jurisdiction	14000671	0.16	0.58	0.42	2	0	0	0	0	2	0.0000	0.0432	Under	2.00	4.76
45	615	780	49	CHESTER TWP	MORRIS	NJTPA	BEACON HILL DR	Local, Municipal Jurisdiction	14071080	0.00	1.08	1.08	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	0.93
45	615	719	45	CHESTER TWP	MORRIS	NJTPA	BENJAMIN RD	Local, Municipal Jurisdiction	14071004	0.35	1.13	0.78	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	1.28
45	615	839	52	CHESTER TWP	MORRIS	NJTPA	LONGVIEW RD	Local, Municipal Jurisdiction	14071015	0.00	1.52	1.52	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	0.66
45	615	528	25	WASHINGTON TWP	MORRIS	NJTPA	ALEXANDRA LN	Local, Municipal Jurisdiction	14381234	0.00	0.26	0.26	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	3.85
45	615	729	47.5	WASHINGTON TWP	MORRIS	NJTPA	SIERRA DRIVE	Local, Municipal Jurisdiction	14381149	0.00	0.82	0.82	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	1.22
45	615	625	33	WASHINGTON TWP	MORRIS	NJTPA	RAMSEY WAY	Local, Municipal Jurisdiction	14381090	0.00	0.48	0.48	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	2.08
45	615	676	36	WASHINGTON TWP	MORRIS	NJTPA	STEPHENSBURG RD	Minor Collector, Municipal Jurisdiction	14381084	1.32	1.96	0.64	1	0	0	0	0	1	0.0000	0.0279	Under	1.00	1.56
45	615	137	9	WASHINGTON TWP	MORRIS	NJTPA	CALIFON RD	Local, Municipal Jurisdiction	14381084	1.29	1.32	0.03	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	33.33
45	615	469	22	WASHINGTON TWP	MORRIS	NJTPA	OVERLOOK DR	Local, Municipal Jurisdiction	14381022	0.20	0.39	0.19	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	5.26
45	615	705	42.5	WASHINGTON TWP	MORRIS	NJTPA	OLD FARMERS RD	Local, Municipal Jurisdiction	14381011	0.00	0.75	0.75	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	1.33
45	615	889	53	WASHINGTON TWP	MORRIS	NJTPA	PICKLE RD	Local, Municipal Jurisdiction	14381009	0.00	2.29	2.29	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	0.44
45	615	907	54	WASHINGTON TWP	MORRIS	NJTPA	BLACK RIVER RD	Local, Municipal Jurisdiction	14381008	0.00	3.40	3.40	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	0.29
45	615	602	29	MENDHAM TWP	MORRIS	NJTPA	ROXITICUS RD	Local, Municipal Jurisdiction	14191107	0.00	0.42	0.42	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	2.38
45	615	729	47.5	MENDHAM TWP	MORRIS	NJTPA	CARRIAGE HILL DR	Local, Municipal Jurisdiction	14191078	0.00	0.82	0.82	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	1.22
45	615	824	51	CHESTER TWP	MORRIS	NJTPA</																	