

# New Jersey Network Screening Lists, 2019

Somerset - 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

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	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
													Total Crashes	K	A	B	C	No Injury					
1	14	48	4	HILLSBOROUGH TWP	SOMERSET	NJTPA	ROUTE 514	Major Collector, County Jurisdiction	00000514	5.73	8.67	2.94	27	0	2	2	2	21	0.6803	0.1241	Over	185.55	63.11
2	50	5	1	HILLSBOROUGH TWP	SOMERSET	NJTPA	ROUTE 514	Major Collector, County Jurisdiction	00000514	8.67	8.94	0.27	10	0	1	1	0	8	3.7037	0.1241	Over	79.72	295.27
3	107	255	12	BEDMINSTER TWP	SOMERSET	NJTPA	SOMERSET COUNTY 620	Major Collector, County Jurisdiction	18000620	0.00	3.01	3.01	23	0	0	1	1	21	0.0000	0.1241	Under	48.24	16.03
4	117	266	13	BEDMINSTER TWP	SOMERSET	NJTPA	ROUTE 523	Major Collector, County Jurisdiction	00000523	25.88	28.67	2.79	26	0	0	1	0	25	0.0000	0.1241	Under	41.68	14.95
5	142	149	7	BEDMINSTER TWP	SOMERSET	NJTPA	SOMERSET COUNTY 665	Major Collector, County Jurisdiction	18000665	2.99	4.15	1.16	15	0	0	0	2	13	0.0000	0.1241	Under	34.11	29.40
6	162	241	11	HILLSBOROUGH TWP	SOMERSET	NJTPA	ZION ROAD	Local, Municipal Jurisdiction	18101085	0.00	1.75	1.75	5	0	0	1	1	3	0.0000	0.0104	Under	30.24	17.28
7	175	62	5	BEDMINSTER TWP	SOMERSET	NJTPA	ROUTE 523	Major Collector, County Jurisdiction	00000523	28.67	29.16	0.49	11	0	0	1	0	10	0.0000	0.1241	Under	26.68	54.45
8	178	287	14	HILLSBOROUGH TWP	SOMERSET	NJTPA	WERTSVILLE ROAD	Local, Municipal Jurisdiction	18101092	0.00	1.99	1.99	7	0	0	0	2	5	0.0000	0.0104	Under	26.11	13.12
9	191	346	17	HILLSBOROUGH TWP	SOMERSET	NJTPA	LONGHILL ROAD	Local, Municipal Jurisdiction	18101090	2.80	5.22	2.42	8	0	0	1	0	7	0.0000	0.0104	Under	23.68	9.79
10	201	330	16	BEDMINSTER TWP	SOMERSET	NJTPA	ROUTE 512	Major Collector, County Jurisdiction	00000512	7.97	10.13	2.16	13	0	0	0	1	12	0.0000	0.1241	Under	22.55	10.45
11	210	133	6	BEDMINSTER TWP	SOMERSET	NJTPA	SOMERSET COUNTY 620	Major Collector, County Jurisdiction	18000620	3.01	3.62	0.61	5	0	0	1	0	4	0.0000	0.1241	Under	20.68	33.90
12	225	394	20	BRANCHBURG TWP	SOMERSET	NJTPA	SOMERSET COUNTY 641	Local, County Jurisdiction	18000641	0.00	2.39	2.39	3	0	0	1	0	2	0.0000	0.0264	Under	18.68	7.82
13	231	201	9	MONTGOMERY TWP	SOMERSET	NJTPA	GRAND VIEW ROAD	Local, Municipal Jurisdiction	18131007	1.10	1.90	0.80	2	0	0	1	0	1	0.0000	0.0104	Under	17.68	22.10
14	252	185	8	BEDMINSTER TWP	SOMERSET	NJTPA	ROUTE 523	Major Collector, County Jurisdiction	00000523	25.17	25.88	0.71	8	0	0	0	1	7	0.0000	0.1241	Under	17.55	24.72
15	307	515	25	HILLSBOROUGH TWP	SOMERSET	NJTPA	MONTGOMERY RD	Local, Municipal Jurisdiction	18101001	0.00	3.24	3.24	4	0	0	0	1	3	0.0000	0.0104	Under	13.55	4.18
16.5	317	455	24	BEDMINSTER TWP	SOMERSET	NJTPA	RIVER ROAD	Local, Municipal Jurisdiction	18011012	0.00	2.17	2.17	3	0	0	0	1	2	0.0000	0.0104	Under	12.55	5.79
16.5	317	412	21	HILLSBOROUGH TWP	SOMERSET	NJTPA	BLACK POINT RD	Local, Municipal Jurisdiction	18101001	3.24	5.01	1.77	3	0	0	0	1	2	0.0000	0.0104	Under	12.55	7.09
18.5	333	374	19	HILLSBOROUGH TWP	SOMERSET	NJTPA	WERTSVILLE PD	Local, Municipal Jurisdiction	18101091	0.00	1.30	1.30	2	0	0	0	1	1	0.0000	0.0104	Under	11.55	8.89
18.5	333	309	15	BEDMINSTER TWP	SOMERSET	NJTPA	COUNTRY CLUB RD	Major Collector, Municipal Jurisdiction	18061003	2.88	3.88	1.00	2	0	0	0	1	1	0.0000	0.0000	Under	11.55	11.55
20	377	23	3	BEDMINSTER TWP	SOMERSET	NJTPA	BLACK RIVER RD	Minor Collector, Municipal Jurisdiction	18011001	0.00	0.10	0.10	1	0	0	0	1	0	0.0000	0.0279	Under	10.55	106.61
21.5	425	11	2	BEDMINSTER TWP	SOMERSET	NJTPA	SOMERSET COUNTY 665	Major Collector, County Jurisdiction	18000665	2.95	2.99	0.04	7	0	0	0	0	7	0.0000	0.1241	Under	7.00	175.00
21.5	425	594	26	MONTGOMERY TWP	SOMERSET	NJTPA	DUTCHTOWN ZION RO	Local, Municipal Jurisdiction	18131056	0.00	2.68	2.68	7	0	0	0	0	7	0.0000	0.0104	Under	7.00	2.61
23	439	623	29	MONTGOMERY TWP	SOMERSET	NJTPA	SPRING HILL ROAD	Local, Municipal Jurisdiction	18131070	0.38	2.75	2.37	5	0	0	0	0	5	0.0000	0.0104	Under	5.00	2.11
24.5	457	599	27	BEDMINSTER TWP	SOMERSET	NJTPA	BLACK RIVER RD	Minor Collector, Municipal Jurisdiction	18011002	0.00	1.64	1.64	4	0	0	0	0	4	0.0000	0.0279	Under	4.00	2.44
24.5	457	354	18	BEDMINSTER TWP	SOMERSET	NJTPA	COUNTRY CLUB RD	Major Collector, Municipal Jurisdiction	18061272	2.15	2.57	0.42	4	0	0	0	0	4	0.0000	0.0000	Under	4.00	9.52
27.5	519	432	22	BEDMINSTER TWP	SOMERSET	NJTPA	ROUTE 512	Major Collector, County Jurisdiction	00000512	7.67	7.97	0.30	2	0	0	0	0	2	0.0000	0.1241	Under	2.00	6.62
27.5	519	632	30	MONTGOMERY TWP	SOMERSET	NJTPA	FAIRVIEW RD	Local, Municipal Jurisdiction	18131010	0.00	0.99	0.99	2	0	0	0	0	2	0.0000	0.0104	Under	2.00	2.02
27.5	519	606	28	BEDMINSTER TWP	SOMERSET	NJTPA	AIRPORT ROAD	Local, Municipal Jurisdiction	18061224	0.33	1.18	0.85	2	0	0	0	0	2	0.0000	0.0104	Under	2.00	2.35
27.5	519	820	36	BEDMINSTER TWP	SOMERSET	NJTPA	RIVER ROAD	Local, Municipal Jurisdiction	18011006	0.00	2.62	2.62	2	0	0	0	0	2	0.0000	0.0104	Under	2.00	0.76
34.5	615	892	37	BEDMINSTER TWP	SOMERSET	NJTPA	HOLLAND ROAD	Local, Municipal Jurisdiction	18151004	0.00	2.37	2.37	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	0.42
34.5	615	215	10	MONTGOMERY TWP	SOMERSET	NJTPA	CAMP MEETING RD	Local, Municipal Jurisdiction	18131011	0.00	0.05	0.05	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	20.00
34.5	615	749	33	HILLSBOROUGH TWP	SOMERSET	NJTPA	WOODFERN RD	Local, Municipal Jurisdiction	18101093	0.00	0.89	0.89	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	1.12
34.5	615	711	32	EAST AMWELL TWP	SOMERSET	NJTPA	ZION RD	Local, Municipal Jurisdiction	18101090	0.00	0.76	0.76	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	1.32
34.5	615	451	23	BEDMINSTER TWP	SOMERSET	NJTPA	OBRIEN CT	Local, Municipal Jurisdiction	18011080	0.00	0.17	0.17	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	5.88
34.5	615	812	35	BEDMINSTER TWP	SOMERSET	NJTPA	LARGER CROSS ROAD	Local, Municipal Jurisdiction	18011028	0.00	1.26	1.26	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	0.79
34.5	615	904	38	BEDMINSTER TWP	SOMERSET	NJTPA	LONG LANE	Local, Municipal Jurisdiction	18011015	0.00	3.00	3.00	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	0.33
34.5	615	906	39	BEDMINSTER TWP	SOMERSET	NJTPA	LARGER CROSS ROAD	Local, Municipal Jurisdiction	18011014	0.00	3.31	3.31	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	0.30
34.5	615	678	31	BEDMINSTER TWP	SOMERSET	NJTPA	LAOMATONG WAY	Local, Municipal Jurisdiction	18011013	0.00	0.65	0.65	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	1.54
34.5	615	799	34	BEDMINSTER TWP	SOMERSET	NJTPA	BLACK RIVER RD	Minor Collector, Municipal Jurisdiction	18011001	0.10	1.30	1.20	1	0	0	0	0	1	0.0000	0.0279	Under	1.00	0.83