

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]	
		County	IN [2,7,9,10,12,13,14,15,16,18,19,20,21]	
		Road_Sys_Code	IN [2,5,6,7,8]	
Road		Intersection	NOT IN [1]	
		Road_Func_Class	IN [7,8,9]	
		Is_Urban	IN ['N']	

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 per Mile)	Rank (Weighted Score per Mile)	County Rank (Weighted Score)	Rank (Weighted Score)	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	5	2	50	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
2	11	21.5	425	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
3	23	20	377	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
4	48	1	14	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
5	62	7	175	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
6	133	11	210	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
7	149	5	142	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
8	185	14	252	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
9	201	13	231	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
10	215	34.5	615	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
11	241	6	162	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
12	255	3	107	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
13	266	4	117	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
14	287	8	178	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
15	309	18.5	333	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
16	330	10	201	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
17	346	9	191	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
18	354	24.5	457	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
19	374	18.5	333	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
20	394	12	225	BRANCBURG 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
21	412	16.5	317	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
22	432	27.5	519	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
23	451	34.5	615	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
24	455	16.5	317	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
25	515	15	307	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
26	594	21.5	425	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
27	599	24.5	457	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
28	606	27.5	519	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
29	623	23	439	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
30	632	27.5	519	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
31	678	34.5	615	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
32	711	34.5	615	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
33	749	34.5	615	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	799	34.5	615	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
35	812	34.5	615	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
36	820	27.5	519	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
37	892	34.5	615	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
38	904	34.5	615	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
39	906	34.5	615	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