

# 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	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
	AND	Road_Sys_Code	IN [2,5,6,7,8]
		Intersection	NOT IN [1]
		Road_Func_Class	IN [7,8,9]
Road	Is_Urban	IN [N]	Non-urban (i.e., rural) roads only

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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	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
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