

New Jersey Network Screening Lists, 2019

Salem County - High Risk Rural Roads (2014-2016 Crashes)

Developed by GPI, Jacobs, and MBO Engineering for the New Jersey Department of Transportation (NJDOT)

Print Date: Tuesday, July 7, 2020

Delivery Date: Tuesday, June 4, 2019

IN [2014,2015,2016]	Years 2014, 2015, 2016
IN [1,5,6,17]	1 - Atlantic; 5 - Cape May; 6 - Cumberland; 17 - Salem
IN [2,5,6,7,8]	2 - State Highway; 5 - County; 6 - County Authority; 7 - Municipal; 8 - Mun Authority
NOT IN [1]	1 - At Intersection
IN [7,8,9]	7 - Rural Major Collector; 8 - Rural Minor Collector; 9 - Rural Local
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	0.1071	108
Major Collector, Municipal Jurisdiction	0.3513	4
Major Collector, NJDOT Jurisdiction	0.0000	1
Minor Collector, County Jurisdiction	0.0517	46
Minor Collector, Municipal Jurisdiction	0.1664	4
Minor Collector, NJDOT Jurisdiction	NA	0
Local, County Jurisdiction	0.0210	120
Local, Municipal Jurisdiction	0.0064	151
Local, NJDOT Jurisdiction	0.0000	1

SJTPO Rank (Severe Crashes 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 (ePDO)	Weighted Score per Mile
										Total Crashes	K	A	B	C	No Injury					
1	MANNINGTON TWP	SALEM	SJTPO	ROUTE 540	Major Collector, County Jurisdiction	00000540__	4.25	4.45	0.20	5	1	0	1	0	3	5.0000	0.1071	Over	74.72	373.61
2	OLDMANS TWP	SALEM	SJTPO	SALEM COUNTY 643	Major Collector, County Jurisdiction	17000643__	2.81	3.08	0.27	2	1	0	0	1	0	3.7037	0.1071	Over	65.60	242.95
3	UPPER PITTSBORO TWP	SALEM	SJTPO	SALEM COUNTY 611	Minor Collector, County Jurisdiction	17000611__	12.55	13.37	0.82	3	0	1	0	0	2	1.2195	0.0517	Over	57.04	69.56
8	QUINTON TWP	SALEM	SJTPO	SALEM COUNTY 626	Minor Collector, County Jurisdiction	17000626__	4.33	5.66	1.33	2	0	1	0	0	1	0.7519	0.0517	Over	56.04	42.14
10	PITTSBORO TWP	SALEM	SJTPO	SALEM COUNTY 645	Local, County Jurisdiction	17000645__	1.68	3.16	1.48	9	0	1	0	3	5	0.6757	0.0210	Over	91.71	61.96
13	QUINTON TWP	SALEM	SJTPO	ROUTE 581	Major Collector, County Jurisdiction	00000581__	0.00	1.67	1.67	15	1	0	1	3	10	0.5988	0.1071	Over	113.39	67.90
14	PENNSVILLE TWP	SALEM	SJTPO	SALEM COUNTY 630	Local, County Jurisdiction	17000630__	0.00	1.70	1.70	1	0	1	0	0	0	0.5882	0.0210	Over	55.04	32.38
15	PITTSBORO TWP	SALEM	SJTPO	ROUTE 540	Major Collector, County Jurisdiction	00000540__	26.94	28.69	1.75	8	1	0	1	3	3	0.5714	0.1071	Over	106.39	60.79
17	ALLOWAY TWP	SALEM	SJTPO	SALEM COUNTY 657	Major Collector, County Jurisdiction	17000657__	4.26	6.25	1.99	5	1	0	0	0	4	0.5025	0.1071	Over	59.04	29.67
18	MANNINGTON TWP	SALEM	SJTPO	SALEM COUNTY 659	Local, County Jurisdiction	17000659__	0.00	2.09	2.09	2	1	0	0	0	1	0.4785	0.0210	Over	56.04	26.81
20	MANNINGTON TWP	SALEM	SJTPO	ROUTE 540	Major Collector, County Jurisdiction	00000540__	1.64	4.25	2.61	30	1	0	5	5	19	0.3826	0.1071	Over	210.22	80.42
21	ALLOWAY TWP	SALEM	SJTPO	ROUTE 540	Major Collector, County Jurisdiction	00000540__	13.60	18.94	5.34	23	2	0	2	2	17	0.3747	0.1071	Over	181.55	34.02
24	QUINTON TWP	SALEM	SJTPO	WATERWORKS RD	Local, Municipal Jurisdiction	17111014__	0.00	2.90	2.90	6	1	0	1	1	3	0.3448	0.0064	Over	85.28	29.41
25	LOWER ALLOWAYS CRK TWP	SALEM	SJTPO	SALEM COUNTY 658	Major Collector, County Jurisdiction	17000658__	5.66	8.63	2.97	5	0	1	0	2	2	0.3368	0.1071	Over	78.15	26.32
26	PILESBORO TWP	SALEM	SJTPO	HARRISONVILLE LAKE RD	Local, Municipal Jurisdiction	17091009__	0.00	2.97	2.97	4	0	1	0	0	3	0.3367	0.0064	Over	58.04	19.54
28	PITTSBORO TWP	SALEM	SJTPO	SALEM COUNTY 613	Local, County Jurisdiction	17000613__	1.73	5.06	3.33	14	1	0	1	1	11	0.3003	0.0210	Over	93.28	28.01
35	UPPER PITTSBORO TWP	SALEM	SJTPO	SALEM COUNTY 619	Local, County Jurisdiction	17000619__	0.00	4.95	4.95	41	0	1	5	9	26	0.2020	0.0210	Over	259.44	52.41
37	ALLOWAY TWP	SALEM	SJTPO	SALEM COUNTY 603	Major Collector, County Jurisdiction	17000603__	0.00	5.20	5.20	35	1	0	3	8	23	0.1923	0.1071	Over	212.52	40.87
40	PILESBORO TWP	SALEM	SJTPO	SALEM COUNTY 672	Major Collector, County Jurisdiction	17000672__	0.00	6.64	6.64	52	1	0	4	9	38	0.1506	0.1071	Over	254.76	38.37