

# New Jersey Network Screening Lists, 2023

SJTPO - High Risk Rural Roads (2018-2020 Crashes)  
Developed by GPI for the New Jersey Department of Transportation (NJDOT)

Print Date: Tuesday, October 10, 2023  
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Source Table	Query Logic	Source Table Field	Readable Field	Query Values	Description
Safety Voyager Accidents Table	AND	Year	Year	BETWEEN 2018 AND 2020	Years 2018, 2019, 2020
SLD Functional Class Table	AND	mun_cty_co	County	IN ('01', '05', '06', '17')	01 - Atlantic; 05 - Cape May; 06 - Cumberland; 17 - Salem
SLD Is Urban Table	AND	road_sys_code	Road System	IN ('02', '05', '06', '07', '08')	02 - State Highway; 05 - County; 06 - County Authority; 07 - Municipal; 08 - Municipal Authority Park or Institution
SLD Jurisdiction Table	AND	intersection	At Intersection	Is 'Y'	Y - Yes
SLD Jurisdiction Table	AND	l_system_code	Functional Class	IN (5, 6, 7)	5 - Major Collector; 6 - Minor Collector; 7 - Local
SLD Jurisdiction Table	AND	is_urban	Is Urban	Is 'Y'	Y - Yes
SLD Jurisdiction Table	AND	type_code	Jurisdiction Type	IN (2, 3)	2 - County; 3 - Municipality

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. The New Jersey Department of Transportation, its officers, employees or agents shall not be liable for damages or losses of any kind arising out of or in connection with the use or performance of information, including but not limited to, damages or losses caused by reliance upon the accuracy or timeliness of any such information, or damages incurred from the viewing, distributing, or copying of these materials. The materials and information provided herein are provided "as is." No warranty of any kind, implied, expressed, or statutory, including but not limited to the warranties of non-infringement of third party rights, title, merchantability, fitness for a particular purpose, and freedom from computer virus, is given with respect to the contents of this Networks Screening List or its hyperlinks to other Internet resources.

Equivalent Property Damage Only (ePDO) Score Weights			
Crash Severity	KABCO Scale	2023 Dollars	ePDO Value (K-A)
Fatal	K	\$14,277,743	56.9173
Incapacitating	A	\$826,309	56.9173
Non-incapacitating	A	\$249,666	17.1973
Possible Injury	C	\$157,482	10.8476
Property Damage Only	O	\$14,518	1.0000

$$ePDO_{TOTAL} = [K]*ePDO_K + [A]*ePDO_A + [B]*ePDO_B + [C]*ePDO_C + [O]*ePDO_O$$

EJ Area Thresholds		
Minority %	>=	45%
Low-income %	>=	22%

Peer Group Summary		Average Severe Crashes per Mile		No. of "Over" Locations	
Major Collector, County Jurisdiction	0.292	5	6	0	0
Major Collector, Municipality Jurisdiction	0.070	1	1	0	0
Major Collector, NIDOT Jurisdiction	N/A	N/A	N/A	N/A	N/A
Minor Collector, County Jurisdiction	0.107	3	3	0	0
Minor Collector, Municipality Jurisdiction	0.000	0	0	0	0
Minor Collector, NIDOT Jurisdiction	N/A	N/A	N/A	N/A	N/A
Local, County Jurisdiction	0.091	2	2	0	0
Local, Municipality Jurisdiction	0.150	9	9	0	0
Local, NIDOT Jurisdiction	N/A	N/A	N/A	N/A	N/A

Rank (Weighted Score)	County Rank (Weighted Score)	Rank (Weighted Score per Mile)	County Rank (Weighted Score per Mile)	MPO	County	Municipality	Route Name	Peer Group	SRI	Mile Post - From	Mile Post - To	Length	Crashes by Severity (2018-2020)					Severe Crashes per Mile	Severe Crashes per Mile (Peer Group + MPO Average)	Under or Over Average	Weighted Score (ePDO)	Weighted Score (ePDO) per Mile	Is EJ Area?	Is Census Block Group Pop. < 1,000?	EIScreen - Census Block Group Population (Lowest Value)	EIScreen - Minority % (Highest Value)	EIScreen - Low-Income % (Highest Value)	
													Total Crashes	K	A	B	C											O
1	1	45	14	SITPO	ATLANTIC	WEYMOUTH TWP	ROUTE 557	Major Collector, County Jurisdiction	00000557	12.75	27.57	14.82	94	0	4	14	8	68	0.210	0.210	Over	623.21	42.05	YES	YES	735	54%	37%
5	2	29	9	SITPO	ATLANTIC	HAMILTON TWP	ROUTE 559	Major Collector, County Jurisdiction	00000559	17.74	26.31	8.57	58	0	3	10	8	37	0.350	0.210	Over	466.51	54.43	YES	NO	1,553	45%	38%
15	3	43	13	SITPO	ATLANTIC	GALLOWAY TWP	ROUTE 561 ALTERNATE	Major Collector, County Jurisdiction	00000561A	6.58	12.18	5.60	32	0	2	4	4	22	0.360	0.210	Over	248.01	67.29	YES	YES	618	47%	42%
18	4	16	7	SITPO	ATLANTIC	BUENA VISTA TWP	ROUTE 540	Major Collector, County Jurisdiction	00000540	40.30	43.16	2.86	23	0	2	2	4	15	0.700	0.210	Over	206.62	72.24	YES	NO	1,401	54%	37%
22	5	48	15	SITPO	ATLANTIC	MULLICA TWP	ATLANTIC COUNTY 643	Minor Collector, County Jurisdiction	01000643	0.00	4.31	4.31	17	1	1	2	1	12	0.460	0.130	Over	171.08	39.69	YES	NO	1,734	9%	24%
27	6	57	17	SITPO	ATLANTIC	HAMILTON TWP	LANDIS AV	Local, Municipality Jurisdiction	01121096	0.00	4.11	4.11	15	1	0	4	1	9	0.240	0.120	Over	145.55	35.41	YES	NO	2,025	45%	22%
31	7	42	12	SITPO	ATLANTIC	EGG HARBOR TWP	ROUTE 559	Major Collector, County Jurisdiction	00000559	6.81	9.68	2.87	13	0	1	2	3	7	0.350	0.210	Over	130.85	45.59	YES	YES	306	16%	16%
36	8	116	30	SITPO	ATLANTIC	BUENA VISTA TWP	MALAGA RD	Major Collector, Municipality Jurisdiction	01121291	0.00	6.90	6.90	26	0	1	2	1	22	0.140	0.070	Over	124.16	17.99	YES	YES	735	54%	38%
37	9	82	22	SITPO	ATLANTIC	MULLICA TWP	ROUTE 563	Major Collector, County Jurisdiction	00000563	19.87	24.73	4.86	14	0	1	2	2	9	0.210	0.210	Under	122.01	25.10	YES	YES	618	67%	36%
37	9	145	36	SITPO	ATLANTIC	BUENA VISTA TWP	PANCAOST MILL RD	Local, Municipality Jurisdiction	01051094	0.00	10.00	10.00	14	0	1	2	2	9	0.100	0.120	Under	122.01	12.20	YES	YES	735	54%	38%
40	11	193	52	SITPO	ATLANTIC	HAMMONTOWN TOWN	ROUTE 542	Major Collector, County Jurisdiction	00000542	4.08	20.57	16.49	29	0	0	2	5	22	0.000	0.210	Under	110.63	6.71	YES	NO	1,196	34%	28%
61	12	30	10	SITPO	ATLANTIC	PORT REPUBLIC CITY	ROUTE 575	Major Collector, County Jurisdiction	00000575	19.50	20.96	1.46	5	0	1	1	0	3	0.680	0.210	Over	77.11	52.82	YES	NO	1,058	13%	24%
68	13	23	8	SITPO	ATLANTIC	EGG HARBOR TWP	ATLANTIC COUNTY 651	Local, County Jurisdiction	01000651	0.00	1.32	1.32	5	0	1	1	0	3	0.760	0.080	Over	77.11	58.42	YES	NO	1,058	16%	22%
63	14	147	37	SITPO	ATLANTIC	PORT REPUBLIC CITY	ATLANTIC COUNTY 624	Local, County Jurisdiction	01000624	0.00	6.56	6.56	11	1	0	0	1	9	0.150	0.080	Over	145.55	11.70	YES	YES	618	67%	36%
65	15	71	20	SITPO	ATLANTIC	BUENA VISTA TWP	POST RD	Local, Municipality Jurisdiction	01051113	0.00	2.56	2.56	3	0	1	1	0	1	0.990	0.120	Over	75.11	29.34	YES	YES	581	21%	29%
72	16	62	18	SITPO	ATLANTIC	ESTELL MANOR CITY	ATLANTIC COUNTY 669	Major Collector, County Jurisdiction	01000669	0.54	2.65	2.11	10	0	0	3	1	6	0.000	0.210	Under	68.44	32.44	NO	NO	1,815	14%	21%
73	17	37	11	SITPO	ATLANTIC	HAMILTON TWP	STRAND AV	Local, Municipality Jurisdiction	01121012	0.00	1.38	1.38	2	0	1	0	1	0	0.720	0.120	Over	67.76	49.11	NO	NO	2,249	54%	38%
75	18	91	23	SITPO	ATLANTIC	BUENA VISTA TWP	ATLANTIC COUNTY 681	Local, County Jurisdiction	01000681	0.00	2.78	2.78	16	0	0	3	0	13	0.000	0.080	Under	64.59	23.23	YES	YES	581	30%	37%
77	19	125	32	SITPO	ATLANTIC	GALLOWAY TWP	LEPZIG AV	Local, Municipality Jurisdiction	01111191	0.87	4.97	4.10	7	0	1	0	0	6	0.240	0.120	Over	62.92	15.35	NO	NO	3,935	17%	6%
81	20	111	27	SITPO	ATLANTIC	GALLOWAY TWP	ATLANTIC COUNTY 647	Minor Collector, County Jurisdiction	01000647	0.00	3.16	3.16	4	0	1	0	0	3	0.320	0.130	Over	59.92	18.96	NO	YES	650	17%	13%
87	21	93	24	SITPO	ATLANTIC	EGG HARBOR CITY	ATLANTIC COUNTY 652	Minor Collector, County Jurisdiction	01000652	0.00	2.53	2.53	2	0	1	0	0	1	0.400	0.130	Over	57.92	22.89	YES	YES	618	67%	36%
87	21	4	3	SITPO	ATLANTIC	BUENA VISTA TWP	CIMINO BLVD	Local, Municipality Jurisdiction	01051119	0.00	0.50	0.50	2	0	1	0	0	1	0.000	0.120	Over	57.92	115.83	YES	NO	1,401	20%	29%
92	23	3	2	SITPO	ATLANTIC	MULLICA TWP	NEW HAMPSHIRE AV	Local, Municipality Jurisdiction	01171089	0.00	0.48	0.48	1	1	0	0	0	0	2.080	0.120	Over	56.92	118.58	YES	NO	1,734	9%	24%
92	23	2	1	SITPO	ATLANTIC	HAMILTON TWP	CLEVELAND AV	Local, Municipality Jurisdiction	01121249	0.65	0.98	0.33	1	0	1	0	0	0	3.030	0.120	Over	56.92	172.48	NO	NO	2,015	17%	19%
92	23	11	5	SITPO	ATLANTIC	HAMILTON TWP	RAILROAD BLVD	Local, Municipality Jurisdiction	01121056	0.00	0.68	0.68	1	1	0	0	0	0	1.470	0.120	Over	56.92	83.70	YES	NO	735	45%	38%
92	23	69	19	SITPO	ATLANTIC	ESTELL MANOR CITY	EIGHTH AV	Local, Municipality Jurisdiction	01091004	0.00	1.89	1.89	0	0	1	0	0	0	0.530	0.120	Under	56.92	30.11	YES	NO	2,278	21%	21%
105	27	8	4	SITPO	ATLANTIC	BUENA BORO	ATLANTIC COUNTY 690	Major Collector, County Jurisdiction	01000690	2.23	2.78	0.55	15	0	0	1	2	12	0.000	0.210	Under	50.89	92.53	YES	YES	735	54%	37%
107	28	198	54	SITPO	ATLANTIC	WEYMOUTH TWP	ATLANTIC COUNTY 666	Minor Collector, County Jurisdiction	01000666	0.00	8.09	8.09	17	0	0	2	0	15	0.000	0.130	Under	49.39	6.11	YES	NO	1,038	45%	22%
118	29	186	50	SITPO	ATLANTIC	ESTELL MANOR CITY	ATLANTIC COUNTY 637	Local, County Jurisdiction	01000637	0.00	5.44	5.44	6	0	0	1	2	3	0.000	0.080	Under	41.89	7.70	YES	NO	926	21%	13%
129	30	183	49	SITPO	ATLANTIC	HAMILTON TWP	ATLANTIC COUNTY 658	Minor Collector, County Jurisdiction	01000658	0.99	5.28	4.29	5	0	0	0	3	2	0.000	0.130	Under	34.54	8.05	YES	NO	1,154	37%	23%
133	31	151	38	SITPO	ATLANTIC	HAMILTON TWP	HOLLY ST	Local, Municipality Jurisdiction	01121241	0.00	2.81	2.81	6	0	0	1	1	4	0.000	0.120	Under	32.04	11.40	YES	NO	1,973	73%	19%
137	32	140	34	SITPO	ATLANTIC	HAMILTON TWP	MIDWAY RD	Local, Municipality Jurisdiction	01121042	0.00	2.90	2.90	3	0	1	1	1	0	0.000	0.120	Under	29.04	12.63	NO	NO	2,015	38%	21%
139	33	103	26	SITPO	ATLANTIC	GALLOWAY TWP	ROUTE 561 ALTERNATE	Minor Collector, County Jurisdiction	00000561A	0.00	1.38	1.38	2	0	0	1	1	0	0.000	0.130	Under	28.04	20.32	NO	NO	2,699	13%	13%
149	34	215	59	SITPO	ATLANTIC	BUENA VISTA TWP	ATLANTIC COUNTY 612	Local, County Jurisdiction	01000612	0.00	5.18	5.18	6	0	0	1	0	5	0.000	0.080	Under	22.20	4.29	YES	NO	1,154	37%	23%
154	35	167	45	SITPO	ATLANTIC	BUENA VISTA TWP	SIXTH RD	Local, Municipality Jurisdiction	01051019	0.00	2.00	2.00	4	0	0	1	0	3	0.000	0.120	Under	20.20	10.10	YES	NO	1,620	54%	37%
154	35	211	57	SITPO	ATLANTIC	HAMILTON TWP	ATLANTIC COUNTY 623	Minor Collector, County Jurisdiction	01000623	0.00	4.15	4.15	4	0	0	1	0	3	0.000	0.130	Under	20.20	4.87	YES	NO	1,154	42%	38%
154	35	202	55	SITPO	ATLANTIC	GALLOWAY TWP	FRANKFURT AV	Local, Municipality Jurisdiction	01111424	0.86	4.31	3.45	4	0	0	1	0	3	0.000	0.120	Under	20.20	5.85	NO	NO	1,592	27%	15%
160	38	212	58	SITPO	ATLANTIC	JACKSON RD	JACKSON RD	Minor Collector, Municipality Jurisdiction	01121027	0.00	4.42	4.42	30	0	0	0	1	9	0.000	0.080	Under	19.85	4.49	YES	NO	1,620	54%	38%
161	39	161	44	SITPO	ATLANTIC	EGG HARBOR TWP	ASBURY RD	Local, County Jurisdiction	01081074	0.65	2.48	1.83	3	0	0	1	0	2	0.000	0.120	Under	306	24.6	NO	YES	306	24%	16%
163	40	154	39	SITPO	ATLANTIC	WEYMOUTH TWP	13TH AV	Local, Municipality Jurisdiction	01231005	0.00	1.67	1.67	2	0	0	1	0	1	0.000	0.120	Under	18.20	10.90	YES	NO	926	21%	13%