

# 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	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 City - Cape May; 06 - Cumberland; 17 - Salem
SLD Is Urban Table	AND	road_sys_cd	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
		l_system_code	Functional Class	IN (5, 6, 7)	5 - Major Collector; 6 - Minor Collector; 7 - Local
		is_urban	Is Urban	Is 'Y'	Y - Yes
		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 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	A	\$14,277,743	56.9173
Incapacitating	B	\$249,666	9.9173
Non-incapacitating	C	\$157,482	10.8476
Possible Injury	O	\$14,518	1.0000
Property Damage Only			

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

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

Peer Group		Peer Group Summary	
Major Collector, County Jurisdiction	Average Severe Crashes per Mile	0.163	No. of "Over" Locations
Major Collector, County Jurisdiction <td>0.000</td> <td>0</td> <td>0</td>	0.000	0	0
Major Collector, Municipality Jurisdiction <td>N/A <td>N/A <td>N/A</td> </td></td>	N/A <td>N/A <td>N/A</td> </td>	N/A <td>N/A</td>	N/A
Major Collector, NJDOT Jurisdiction <td>0.035</td> <td>2</td> <td>2</td>	0.035	2	2
Minor Collector, County Jurisdiction <td>0.000</td> <td>0</td> <td>0</td>	0.000	0	0
Minor Collector, Municipality Jurisdiction <td>N/A <td>N/A <td>N/A</td> </td></td>	N/A <td>N/A <td>N/A</td> </td>	N/A <td>N/A</td>	N/A
Minor Collector, NJDOT Jurisdiction <td>0.080</td> <td>8</td> <td>8</td>	0.080	8	8
Local, County Jurisdiction <td>0.150</td> <td>4</td> <td>4</td>	0.150	4	4
Local, Municipality Jurisdiction <td>N/A</td> <td>N/A</td> <td>N/A</td>	N/A	N/A	N/A
Local, NJDOT Jurisdiction <td>N/A</td> <td>N/A</td> <td>N/A</td>	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?	EJScreen - Census Block Group Population (Lowest Value)	EJScreen - Minority % (Highest Value)	EJScreen - Low-Income % (Highest Value)
													Total Crashes	K	A	B	C	O	Severe	Major	Minor										
2	1	17	6	SJTPO	CUMBERLAND	VINLAND CITY	ROUTE 552	Major Collector, County Jurisdiction	00000552	18.84	27.27	8.43	90	1	2	10	18	59	0.360	0.210	Over	596.98	70.82	YES	YES	926	45%	22%			
12	2	40	14	SJTPO	CUMBERLAND	MILLVILLE CITY	CUMBERLAND COUNTY 610	Major Collector, County Jurisdiction	00000610	2.01	7.69	5.68	47	0	2	3	6	36	0.350	0.210	Over	266.51	46.92	YES	YES	1,374	43%	44%			
16	3	64	18	SJTPO	CUMBERLAND	MAURICE RIVER TWP	CUMBERLAND COUNTY 616	Minor Collector, County Jurisdiction	00000616	0.00	7.51	7.51	25	1	1	6	0	17	0.270	0.130	Over	234.02	31.16	YES	NO	534	78%	38%			
17	4	34	13	SJTPO	CUMBERLAND	FAIRFIELD TWP	CUMBERLAND COUNTY 670	Major Collector, County Jurisdiction	00000670	2.94	7.19	4.25	32	0	1	6	3	22	0.240	0.210	Over	214.64	87.50	YES	NO	1,043	38%	38%			
19	5	18	7	SJTPO	CUMBERLAND	DEERFIELD TWP	CUMBERLAND COUNTY 654	Local, County Jurisdiction	00000654	0.92	3.66	2.74	19	0	2	2	3	12	0.730	0.080	Over	192.77	70.35	YES	NO	669	45%	29%			
24	6	21	8	SJTPO	CUMBERLAND	COMMERCIAL TWP	CUMBERLAND COUNTY 633	Local, County Jurisdiction	00000633	0.00	2.75	2.75	18	0	1	4	3	10	0.360	0.080	Over	168.25	61.18	YES	YES	620	24%	60%			
28	7	32	11	SJTPO	CUMBERLAND	UPPER DEERFIELD TWP	CUMBERLAND COUNTY 658	Local, County Jurisdiction	00000658	1.36	4.02	2.65	19	0	0	6	2	11	0.000	0.080	Under	135.88	51.28	YES	NO	1,128	45%	27%			
34	8	26	26	SJTPO	CUMBERLAND	LAWRENCE TWP	CUMBERLAND COUNTY 692	Local, County Jurisdiction	00000692	1.04	6.23	5.19	26	0	0	5	2	19	0.000	0.080	Under	126.68	24.41	YES	NO	1,496	75%	31%			
39	9	33	12	SJTPO	CUMBERLAND	UPPER DEERFIELD TWP	CUMBERLAND COUNTY 705	Local, County Jurisdiction	00000705	0.00	2.26	2.26	17	0	0	3	5	9	0.000	0.080	Under	114.83	50.81	YES	YES	669	33%	29%			
41	10	49	17	SJTPO	CUMBERLAND	HOPEWELL TWP	CUMBERLAND COUNTY 635	Major Collector, County Jurisdiction	00000635	0.00	2.79	2.79	12	1	0	2	1	8	0.360	0.210	Over	101.16	39.48	YES	NO	1,012	38%	22%			
48	11	13	4	SJTPO	CUMBERLAND	LAWRENCE TWP	CUMBERLAND COUNTY 625	Local, County Jurisdiction	00000625	0.00	1.22	1.22	7	0	1	2	0	4	0.820	0.080	Over	95.31	78.12	YES	NO	1,749	28%	25%			
51	12	123	32	SJTPO	CUMBERLAND	MAURICE RIVER TWP	CUMBERLAND COUNTY 644	Local, County Jurisdiction	00000644	0.00	5.59	5.59	11	0	1	1	1	8	0.180	0.080	Over	92.96	16.63	NO	YES	926	14%	16%			
53	13	127	34	SJTPO	CUMBERLAND	HOPEWELL TWP	CUMBERLAND COUNTY 607	Major Collector, County Jurisdiction	00000607	0.00	5.85	5.85	15	0	0	4	1	10	0.000	0.210	Under	89.64	15.32	YES	YES	599	93%	73%			
55	14	70	21	SJTPO	CUMBERLAND	LAWRENCE TWP	CUMBERLAND COUNTY 648	Local, County Jurisdiction	00000648	0.00	2.88	2.88	4	0	1	1	1	4	0.350	0.080	Over	85.96	29.85	YES	NO	1,374	43%	44%			
57	15	10	3	SJTPO	CUMBERLAND	DEERFIELD TWP	CUMBERLAND COUNTY 654	Local, County Jurisdiction	00000654	4.70	5.66	0.96	11	0	1	1	0	9	1.040	0.080	Over	83.11	86.58	YES	YES	669	45%	29%			
59	16	146	39	SJTPO	CUMBERLAND	GREENWICH TWP	CUMBERLAND COUNTY 623	Major Collector, County Jurisdiction	00000623	0.30	6.83	6.53	3	0	1	0	2	0	0.150	0.210	Under	78.61	12.04	YES	YES	528	38%	29%			
65	17	15	5	SJTPO	CUMBERLAND	DUTCH NECK RD	CUMBERLAND COUNTY 616	Local, Municipality Jurisdiction	06011041	0.60	1.57	0.97	3	0	1	1	0	1	1.030	0.120	Over	75.11	77.44	NO	YES	914	15%	15%			
68	18	110	30	SJTPO	CUMBERLAND	FAIRFIELD TWP	CUMBERLAND COUNTY 698	Major Collector, County Jurisdiction	00000698	1.22	5.16	3.94	29	0	0	1	3	25	0.000	0.210	Under	74.74	18.97	YES	NO	1,043	81%	31%			
74	19	156	41	SJTPO	CUMBERLAND	DOWN TWP	CUMBERLAND COUNTY 676	Local, County Jurisdiction	00000676	0.00	6.14	6.14	10	0	0	0	0	9	0.160	0.080	Over	65.92	10.74	YES	YES	440	24%	34%			
79	20	171	45	SJTPO	CUMBERLAND	HOPEWELL TWP	CUMBERLAND COUNTY 650	Minor Collector, County Jurisdiction	00000650	0.00	6.55	6.55	6	0	1	0	0	5	0.150	0.130	Over	61.92	9.45	YES	YES	599	90%	17%			
81	21	184	49	SJTPO	CUMBERLAND	GREENWICH TWP	CUMBERLAND COUNTY 642	Local, County Jurisdiction	00000642	0.00	7.64	7.64	4	0	1	0	0	3	0.130	0.080	Over	59.92	7.84	YES	YES	528	14%	22%			
84	22	76	23	SJTPO	CUMBERLAND	DEERFIELD TWP	CUMBERLAND COUNTY 659	Minor Collector, County Jurisdiction	00000659	3.01	5.25	2.24	7	0	0	2	2	3	0.000	0.130	Under	59.09	26.38	YES	NO	1,128	25%	27%			
87	23	24	9	SJTPO	CUMBERLAND	STOW CREEK TWP	CUMBERLAND COUNTY 626	Major Collector, County Jurisdiction	00000626	1.56	2.57	1.01	2	1	0	0	0	1	0.990	0.210	Over	57.92	57.34	YES	YES	914	24%	32%			
92	24	28	10	SJTPO	CUMBERLAND	COMMERCIAL TWP	MEMORIAL AV	Local, Municipality Jurisdiction	06021021	0.00	1.02	1.02	1	0	1	0	0	0	0.980	0.120	Over	56.92	55.80	YES	YES	620	24%	38%			
92	24	5	2	SJTPO	CUMBERLAND	DEERFIELD TWP	LAUREL LN	Local, Municipality Jurisdiction	06031021	0.00	0.51	0.51	1	1	0	0	0	0	0.960	0.120	Over	56.92	111.60	YES	NO	1,256	45%	24%			
92	24	41	15	SJTPO	CUMBERLAND	DEERFIELD TWP	TYNDALL ROAD RD	Local, Municipality Jurisdiction	06041016	0.00	1.22	1.22	1	0	0	0	0	0	0.820	0.120	Over	56.92	46.65	YES	NO	599	17%	17%			
102	27	138	37	SJTPO	CUMBERLAND	DOWN TWP	CUMBERLAND COUNTY 629	Minor Collector, County Jurisdiction	00000629	0.00	4.38	4.38	14	0	0	2	1	11	0.000	0.130	Under	56.24	12.84	YES	YES	440	43%	44%			
106	28	163	43	SJTPO	CUMBERLAND	MAURICE RIVER TWP	CUMBERLAND COUNTY 646	Major Collector, County Jurisdiction	00000646	0.00	4.86	4.86	14	0	0	1	2	11	0.000	0.210	Under	49.89	10.27	NO	YES	620	24%	16%			
108	29	137	36	SJTPO	CUMBERLAND	DOWN TWP	ROUTE 555	Major Collector, County Jurisdiction	00000555	0.00	3.80	3.80	7	0	0	2	1	4	0.000	0.210	Under	49.24	12.96	YES	YES	440	24%	34%			
114	30	65	19	SJTPO	CUMBERLAND	HOPEWELL TWP	CUMBERLAND COUNTY 661	Major Collector, County Jurisdiction	00000661	0.96	2.42	1.46	3	0	0	2	1	0	0.000	0.210	Under	45.24	30.99	YES	YES	914	24%	32%			
115	31	67	20	SJTPO	CUMBERLAND	DEERFIELD TWP	CUMBERLAND COUNTY 636	Local, County Jurisdiction	00000636	0.00	1.44	1.44	8	0	0	1	2	5	0.000	0.080	Under	43.89	30.48	YES	YES	669	63%	42%			
121	32	176	46	SJTPO	CUMBERLAND	DOWN TWP	CUMBERLAND COUNTY 637	Minor Collector, County Jurisdiction	00000637	0.00	4.48	4.48	6	0	0	2	0	0	0.430	0.130	Over	40.67	9.02	YES	NO	914	0%	44%			
123	33	74	22	SJTPO	CUMBERLAND	UPPER DEERFIELD TWP	CUMBERLAND COUNTY 630	Major Collector, County Jurisdiction	00000630	1.52	2.81	1.29	7	0	0	0	3	4	0.000	0.210	Under	36.54	28.33	YES	YES	556	75%	73%			
125	34	180	48	SJTPO	CUMBERLAND	DOWN TWP	ACKLEY RD	Local, Municipality Jurisdiction	06041027	0.00	4.13	4.13	3	0	0	2	0	1	0.000	0.120	Under	35.39	8.57	YES	YES	440	43%	44%			
127	35	203	54	SJTPO	CUMBERLAND	STOW CREEK TWP	CUMBERLAND COUNTY 647	Local, County Jurisdiction	00000647	0.00	6.01	6.01	9	0	0	1	1	7	0.000	0.080	Under	35.04	5.83	YES	YES	914	26%	34%			
130	36	81	25	SJTPO	CUMBERLAND	HOPEWELL TWP	CUMBERLAND COUNTY 603	Local, County Jurisdiction	00000603	0.00	1.36	1.36	2	0	0	2	0	0	0.000	0.080	Under	34.39	25.29	NO	YES	1,305	18%	1			