

New Jersey Network Screening Lists, 2023

NJTPA - High Risk Rural Roads (2018-2020 Crashes)

Developed by GPI for the New Jersey Department of Transportation (NJDOT)

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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
		mun_cty_co	County	IN ('02', '07', '09', '10', '12', '13', '14', '15', '16', '18', '19', '20', '21')	02 - Bergen; 07 - Essex; 09 - Hudson; 10 - Hunterdon; 12 - Middlesex; 13 - Monmouth; 14 - Morris; 15 - Ocean; 16 - Passaic; 18 - Somerset; 19 - Sussex; 20 - Union; 21 - Warren
		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
		intersection	At Intersection	Is 'Y'	Y - Yes
SLD Functional Class Table		f_system_code	Functional Class	IN ('05', '06', '07')	5 - Major Collector; 6 - Minor Collector; 7 - Local
SLD Is Urban Table		is_urban	Is Urban	Is 'Y'	Y - Yes
SLD Jurisdiction Table		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.

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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	B	\$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		
Peer Group	Average Severe Crashes per Mile	No. of "Over" Locations
Major Collector, County Jurisdiction	0.277	1
Major Collector, Municipality Jurisdiction	0.000	0
Major Collector, NJDOT Jurisdiction	N/A	N/A
Minor Collector, County Jurisdiction	0.000	0
Minor Collector, Municipality Jurisdiction	0.000	0
Minor Collector, NJDOT Jurisdiction	N/A	N/A
Local, County Jurisdiction	0.000	0
Local, Municipality Jurisdiction	0.035	1
Local, NJDOT Jurisdiction	N/A	N/A

Rank (ePDO)	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
29	1	10	1	NJTPA	SOMERSET	BEDMINSTER TWP	SOMERSET COUNTY 665	Major Collector, County Jurisdiction	18000665	2.95	4.15	1.20	25	0	1	2	3	19	0.830	0.140	Over	142.85	119.05	NO	YES	411	12%	13%
30	2	55	3	NJTPA	SOMERSET	BEDMINSTER TWP	SOMERSET COUNTY 620	Major Collector, County Jurisdiction	18000620	0.00	3.62	3.62	29	0	0	3	6	20	0.000	0.140	Under	136.68	37.76	NO	YES	411	41%	13%
41	3	63	4	NJTPA	SOMERSET	HILLSBOROUGH TWP	ROUTE 514	Major Collector, County Jurisdiction	00000514	5.65	8.94	3.29	49	0	0	2	3	44	0.000	0.140	Under	110.94	33.72	NO	NO	1,112	43%	9%
77	4	38	2	NJTPA	SOMERSET	HILLSBOROUGH TWP	THREE BRIDGES RD	Local, Municipality Jurisdiction	18101116	0.00	1.19	1.19	4	0	1	0	0	3	0.840	0.040	Over	59.92	50.35	NO	YES	523	17%	21%
97	5	229	7	NJTPA	SOMERSET	HILLSBOROUGH TWP	LONG HILL RD	Local, Municipality Jurisdiction	18101090	0.00	5.22	5.22	11	0	0	2	1	8	0.000	0.040	Under	53.24	10.20	NO	NO	1,112	43%	8%
126	6	175	6	NJTPA	SOMERSET	MONTGOMERY TWP	SPRING HILL RD	Local, Municipality Jurisdiction	18131070	0.38	2.75	2.37	8	0	0	1	1	6	0.000	0.040	Under	34.04	14.36	NO	NO	1,112	29%	8%
178	7	359	19	NJTPA	SOMERSET	HILLSBOROUGH TWP	MONTGOMERY RD	Local, Municipality Jurisdiction	18101001	0.00	5.01	5.01	4	0	0	1	0	3	0.000	0.040	Under	20.20	4.03	NO	NO	1,112	43%	9%
185	8	286	11	NJTPA	SOMERSET	HILLSBOROUGH TWP	ZION RD	Local, Municipality Jurisdiction	18101085	0.00	2.66	2.66	3	0	0	1	0	2	0.000	0.040	Under	19.20	7.22	NO	NO	1,112	43%	5%
215	9	69	5	NJTPA	SOMERSET	MONTGOMERY TWP	PINOAK RD	Local, Municipality Jurisdiction	18131012	0.00	0.54	0.54	1	0	0	1	0	0	0.000	0.040	Under	17.20	31.85	NO	NO	2,024	43%	5%
239	10	276	9	NJTPA	SOMERSET	HILLSBOROUGH TWP	WERTSVILLE RD	Local, Municipality Jurisdiction	18101092	0.00	2.00	2.00	6	0	0	0	1	5	0.000	0.040	Under	15.85	7.92	NO	NO	1,112	43%	8%
247	11	311	15	NJTPA	SOMERSET	BEDMINSTER TWP	RIVER RD W	Local, Municipality Jurisdiction	18011012	0.00	2.17	2.17	3	0	0	0	1	2	0.000	0.040	Under	12.85	5.92	NO	YES	411	12%	13%
247	11	336	17	NJTPA	SOMERSET	MONTGOMERY TWP	DUTCHTOWN ZION RD	Local, Municipality Jurisdiction	18131056	0.00	2.68	2.68	3	0	0	0	1	2	0.000	0.040	Under	12.85	4.79	NO	NO	1,112	44%	7%
305	13	431	23	NJTPA	SOMERSET	BEDMINSTER TWP	SOMERSET COUNTY 641	Local, County Jurisdiction	18000641	0.00	2.39	2.39	6	0	0	0	0	6	0.000	0.120	Under	6.00	2.51	NO	NO	1,264	23%	13%
312	14	371	21	NJTPA	SOMERSET	MONTGOMERY TWP	GRANDVIEW RD	Local, Municipality Jurisdiction	18131007	0.52	1.90	1.38	5	0	0	0	0	5	0.000	0.040	Under	5.00	3.62	NO	NO	2,024	44%	7%
312	14	363	20	NJTPA	SOMERSET	BEDMINSTER TWP	BLACK RIVER RD	Minor Collector, Municipality Jurisdiction	18011001	0.00	1.30	1.30	5	0	0	0	0	5	0.000	0.030	Under	5.00	3.85	NO	NO	1,260	12%	13%
319	16	288	12	NJTPA	SOMERSET	MONTGOMERY TWP	CAMP MEETING RD	Local, Municipality Jurisdiction	18131011	0.00	0.56	0.56	4	0	0	0	0	4	0.000	0.040	Under	4.00	7.14	NO	NO	2,024	29%	5%
337	17	470	25	NJTPA	SOMERSET	BEDMINSTER TWP	MEADOW RD	Major Collector, Municipality Jurisdiction	18061003	2.28	3.88	1.60	3	0	0	0	0	3	0.000	0.020	Under	3.00	1.88	NO	NO	1,077	30%	13%
337	17	380	22	NJTPA	SOMERSET	HILLSBOROUGH TWP	WOODPFRN RD	Local, Municipality Jurisdiction	18101093	0.00	0.89	0.89	3	0	0	0	0	3	0.000	0.040	Under	3.00	3.37	NO	NO	1,112	43%	9%
337	17	537	26	NJTPA	SOMERSET	BEDMINSTER TWP	RIVER RD	Local, Municipality Jurisdiction	18011006	0.00	2.62	2.62	3	0	0	0	0	3	0.000	0.040	Under	3.00	1.15	NO	NO	1,077	31%	13%
337	17	285	10	NJTPA	SOMERSET	HILLSBOROUGH TWP	PIROZZI LN	Local, Municipality Jurisdiction	18101089	0.00	0.41	0.41	3	0	0	0	0	3	0.000	0.040	Under	3.00	7.32	NO	NO	1,112	43%	5%
373	21	571	29	NJTPA	SOMERSET	BEDMINSTER TWP	BLACK RIVER RD	Minor Collector, Municipality Jurisdiction	18011002	0.00	2.21	2.21	2	0	0	0	0	2	0.000	0.020	Under	2.00	0.90	NO	NO	1,260	19%	13%
373	21	337	18	NJTPA	SOMERSET	BRIDGEWATER TWP	COUNTRY CLUB RD	Major Collector, Municipality Jurisdiction	18061272	2.15	2.57	0.42	2	0	0	0	0	2	0.000	0.020	Under	2.00	4.76	NO	NO	2,083	30%	13%
373	21	463	24	NJTPA	SOMERSET	MONTGOMERY TWP	FAIRVIEW RD	Local, Municipality Jurisdiction	18131010	0.00	0.99	0.99	2	0	0	0	0	2	0.000	0.040	Under	2.00	2.02	NO	NO	2,024	29%	5%
373	21	573	30	NJTPA	SOMERSET	MONTGOMERY TWP	HOLLOW RD	Local, Municipality Jurisdiction	18131001	0.61	2.85	2.24	2	0	0	0	0	2	0.000	0.040	Under	2.00	0.89	NO	NO	1,112	43%	5%
373	21	249	8	NJTPA	SOMERSET	MONTGOMERY TWP	E RIDGE RD	Local, Municipality Jurisdiction	18131247	0.00	0.22	0.22	2	0	0	0	0	2	0.000	0.040	Under	1.00	9.09	NO	NO	2,024	43%	5%
458	26	288	12	NJTPA	SOMERSET	MONTGOMERY TWP	OLD SPRING HILL RD	Local, Municipality Jurisdiction	18131326	0.00	0.14	0.14	1	0	0	0	0	1	0.000	0.040	Under	1.00	7.14	NO	NO	2,024	29%	5%
458	26	552	28	NJTPA	SOMERSET	BEDMINSTER TWP	OLD DUTCH RD W	Local, Municipality Jurisdiction	18011016	0.00	0.94	0.94	1	0	0	0	0	1	0.000	0.040	Under	1.00	1.06	NO	YES	714	20%	15%
458	26	304	14	NJTPA	SOMERSET	MONTGOMERY TWP	SASSAFRAS CT	Local, Municipality Jurisdiction	18131252	0.00	0.16	0.16	1	0	0	0	0	1	0.000	0.040	Under	1.00	6.25	NO	NO	1,263	29%	8%
458	26	675	32	NJTPA	SOMERSET	PEAPACK-GLADSTONE BORO	HOLLAND RD	Local, Municipality Jurisdiction	18151004	0.00	2.37	2.37	1	0	0	0	0	1	0.000	0.040	Under	1.00	0.42	NO	YES	714	26%	13%
458	26	542	27	NJTPA	SOMERSET	BEDMINSTER TWP	LOVE RD	Local, Municipality Jurisdiction	18061224	0.27	1.18	0.91	1	0	0	0	0	1	0.000	0.040	Under	1.00	1.10	NO	NO	2,083	19%	13%
458	26	596	31	NJTPA	SOMERSET	BEDMINSTER TWP	LARGER CROSS D	Local, Municipality Jurisdiction	18011028	0.00	1.26	1.26	1	0	0	0	0	1	0.000	0.040	Under	1.00	0.79	NO	NO	2,083	12%	13%
458	26	326	16	NJTPA	SOMERSET	MONTGOMERY TWP	HILLCREST CT	Local, Municipality Jurisdiction	18131250	0.00	0.19	0.19	1	0	0	0	0	1	0.000	0.040	Under	1.00	5.26	NO	NO	2,024	29%	5%