

### 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 IN ('02', '07', '09', '10', '12', '13', '14', '15', '16', '18', '19', '20', '21')	Years 2018, 2019, 2020
		mun_cty_co	County	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	= 'Y'	Y - Yes
SLD Functional Class Table	AND	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	= '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 judgment 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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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

$$ePDO_{2023} = [K] * [ePDO_A] + [A] * [ePDO_B] + [B] * [ePDO_C] + [C] * [ePDO_O] + [PDO_{2023}] * [ePDO_{2023}]$$

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

Peer Group Summary		
<b>Peer Group</b>	<b>Average Severe Crashes per Mile</b>	<b>No. of "Over" Locations</b>
Major Collector, County Jurisdiction	0.160	1
Major Collector, Municipality Jurisdiction	0.000	0
Minor Collector, County Jurisdiction	N/A	N/A
Minor Collector, Municipality Jurisdiction	0.000	0
Minor Collector, NIDOT Jurisdiction	N/A	N/A
Local, County Jurisdiction	0.000	0
Local, Municipality Jurisdiction	0.000	0
Local, NIDOT 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	SBI	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?	EJSreen - Census Block Group Population (Lowest Value)	EJSreen - Minority % (Highest Value)	EJSreen - Low-Income % (Highest Value)
													Total Crashes	K	A	B	C	O										
5	1	31	3	NJTPA	MORRIS	WASHINGTON TWP	ROUTE 517	Major Collector, County Jurisdiction	00000517	0.00	6.16	6.16	97	2	0	6	4	85	0.320	0.140	Over	345.41	56.07	NO	NO	1,260	14%	13%
52	2	22	1	NJTPA	MORRIS	WASHINGTON TWP	ROUTE 513	Major Collector, County Jurisdiction	00000513	26.87	28.16	1.29	17	0	0	1	6	10	0.000	0.140	Under	92.28	71.54	YES	NO	1,592	20%	27%
61	3	29	2	NJTPA	MORRIS	WASHINGTON TWP	PLEASANT GROVE RD	Minor Collector, Municipality Jurisdiction	14381092	0.00	1.19	1.19	7	0	1	0	1	5	0.840	0.030	Over	72.76	61.15	NO	YES	942	8%	4%
75	4	133	4	NJTPA	MORRIS	JEFFERSON TWP	WELDON RD	Major Collector, County Jurisdiction	14141118	2.93	6.13	3.20	16	0	0	1	3	12	0.000	0.030	Under	61.74	19.29	NO	NO	1,381	23%	27%
98	5	68	5	NJTPA	MORRIS	WASHINGTON TWP	KINGS HWY	Local, Municipality Jurisdiction	14381094	0.60	2.14	1.54	7	0	0	2	1	4	0.000	0.040	Under	49.24	31.98	YES	YES	912	27%	27%
115	6	176	11	NJTPA	MORRIS	MENDHAM TWP	MENDHAM RD	Major Collector, Municipality Jurisdiction	14191045	0.00	2.58	2.58	11	0	0	1	1	9	0.000	0.020	Under	37.04	14.36	NO	YES	714	26%	12%
141	7	137	9	NJTPA	MORRIS	WASHINGTON TWP	CALIFON RD	Minor Collector, Municipality Jurisdiction	14381084	1.32	2.89	1.57	3	0	0	1	1	1	0.000	0.030	Under	29.04	18.50	NO	YES	981	5%	11%
142	8	94	7	NJTPA	MORRIS	MENDHAM TWP	BROOKRACE DR	Local, Municipality Jurisdiction	14191108	0.00	1.09	1.09	2	0	0	1	1	0	0.000	0.040	Under	28.04	25.73	NO	NO	1,245	12%	7%
170	9	279	20	NJTPA	MORRIS	WASHINGTON TWP	W VALLEY BROOK DR	Local, Municipality Jurisdiction	14381080	0.00	2.75	2.75	5	0	0	1	0	4	0.000	0.040	Under	21.20	7.71	YES	NO	1,592	20%	27%
178	10	65	4	NJTPA	MORRIS	WASHINGTON TWP	MIDDLE VALLEY RD	Minor Collector, Municipality Jurisdiction	14381083	0.00	0.61	0.61	4	0	0	1	0	3	0.000	0.030	Under	20.20	33.11	NO	NO	1,692	14%	13%
196	11	191	14	NJTPA	MORRIS	JEFFERSON TWP	HACKLEBARNEY RD	Local, Municipality Jurisdiction	14071103	0.00	1.37	1.37	2	0	0	1	0	1	0.000	0.030	Under	18.20	13.28	NO	NO	1,887	19%	8%
239	12	254	17	NJTPA	MORRIS	WASHINGTON TWP	E VALLEY BROOK RD	Minor Collector, Municipality Jurisdiction	14381001	0.00	1.76	1.76	6	0	0	1	5	0.000	0.030	Under	15.85	9.00	NO	NO	1,592	20%	27%	
259	13	376	25	NJTPA	MORRIS	WASHINGTON TWP	BLACK RIVER RD	Local, Municipality Jurisdiction	14381008	0.00	3.40	3.40	2	0	0	0	1	1	0.000	0.040	Under	11.85	3.48	NO	NO	1,260	19%	13%
273	14	179	13	NJTPA	MORRIS	MENDHAM TWP	PLEASANT VALLEY RD	Local, Municipality Jurisdiction	14191048	0.00	0.76	0.76	1	0	0	0	1	0	0.000	0.040	Under	10.85	14.27	NO	YES	922	12%	7%
273	14	255	18	NJTPA	MORRIS	MENDHAM TWP	OAK KNOLL RD	Local, Municipality Jurisdiction	14191039	0.00	1.21	1.21	1	0	0	0	1	0	0.000	0.040	Under	10.85	8.96	NO	NO	2,015	19%	8%
273	14	246	16	NJTPA	MORRIS	MENDHAM TWP	OLD MILL RD	Local, Municipality Jurisdiction	14071073	0.64	1.82	1.18	1	0	0	0	1	0	0.000	0.040	Under	10.85	9.19	NO	NO	2,015	12%	5%
273	14	90	6	NJTPA	MORRIS	WASHINGTON TWP	MIDDLESWORTH FARM RD	Local, Municipality Jurisdiction	14381230	0.00	0.40	0.40	1	0	0	0	1	0	0.000	0.040	Under	10.85	27.12	NO	NO	1,692	9%	6%
305	18	242	15	NJTPA	MORRIS	WASHINGTON TWP	NEWBURGH RD	Major Collector, Municipality Jurisdiction	14381097	0.00	0.64	0.64	6	0	0	0	0	6	0.000	0.020	Under	6.00	9.38	NO	YES	584	37%	27%
319	19	487	36	NJTPA	MORRIS	WASHINGTON TWP	BEACON HILL RD	Local, Municipality Jurisdiction	14381078	0.00	2.48	2.48	4	0	0	0	0	4	0.000	0.040	Under	4.00	1.61	NO	NO	1,692	14%	13%
337	20	503	38	NJTPA	MORRIS	CHESTER TWP	PARKER RD	Local, Municipality Jurisdiction	14071023	0.00	2.03	2.03	3	0	0	0	0	3	0.000	0.040	Under	3.00	1.48	NO	NO	1,636	19%	8%
337	20	464	33	NJTPA	MORRIS	MENDHAM TWP	IRONIA RD	Local, Municipality Jurisdiction	14191035	0.03	1.59	1.56	3	0	0	0	0	3	0.000	0.030	Under	3.00	1.92	NO	NO	1,607	20%	6%
337	20	277	19	NJTPA	MORRIS	CHESTER TWP	FOX CHASE RD	Minor Collector, Municipality Jurisdiction	14071001	0.00	0.38	0.38	3	0	0	0	0	3	0.000	0.030	Under	3.00	7.89	NO	NO	2,982	19%	8%
337	20	399	27	NJTPA	MORRIS	WASHINGTON TWP	COLEMAN RD	Local, Municipality Jurisdiction	14381033	0.00	1.00	1.00	3	0	0	0	0	3	0.000	0.030	Under	3.00	3.00	YES	NO	1,592	20%	27%
373	24	464	33	NJTPA	MORRIS	WASHINGTON TWP	MT. LEBANON RD	Local, Municipality Jurisdiction	14381088	0.00	1.04	1.04	2	0	0	0	0	2	0.000	0.040	Under	2.00	1.92	NO	YES	942	8%	11%
373	24	423	29	NJTPA	MORRIS	WASHINGTON TWP	HACKLEBARNEY RD	Local, Municipality Jurisdiction	14381011	0.00	0.75	0.75	2	0	0	0	0	2	0.000	0.040	Under	2.00	2.67	NO	NO	1,887	5%	7%
373	24	479	35	NJTPA	MORRIS	CHESTER TWP	TANNER BROOK RD	Local, Municipality Jurisdiction	14071030	0.00	1.16	1.16	2	0	0	0	0	2	0.000	0.040	Under	2.00	1.72	NO	NO	1,592	25%	27%
373	24	417	28	NJTPA	MORRIS	MENDHAM TWP	UNION SCHOOL HOUSE RD	Local, Municipality Jurisdiction	14191046	0.00	0.73	0.73	2	0	0	0	0	2	0.000	0.040	Under	2.00	2.74	NO	NO	2,015	12%	4%
373	24	360	23	NJTPA	MORRIS	MENDHAM TWP	COMBS HOLLOW RD	Local, Municipality Jurisdiction	14191040	0.00	0.50	0.50	2	0	0	0	0	2	0.000	0.040	Under	2.00	4.00	NO	NO	2,015	20%	6%
373	24	309	21	NJTPA	MORRIS	CHESTER TWP	OLD FOUR BRIDGES RD	Local, Municipality Jurisdiction	14071029	0.00	0.33	0.33	2	0	0	0	0	2	0.000	0.040	Under	2.00	6.06	YES	NO	1,592	25%	27%
458	30	611	44	NJTPA	MORRIS	JEFFERSON TWP	SPARTA MTN RD	Local, Municipality Jurisdiction	14141123	0.00	1.36	1.36	1	0	0	0	0	1	0.000	0.040	Under	1.00	0.74	YES	NO	1,666	9%	27%
458	30	428	30	NJTPA	MORRIS	WASHINGTON TWP	FISHRS MINE RD	Local, Municipality Jurisdiction	14381085	0.00	0.39	0.39	1	0	0	0	0	1	0.000	0.040	Under	1.00	2.56	NO	NO	1,728	5%	4%
458	30	487	36	NJTPA	MORRIS	CHESTER TWP	CARLUSE CT	Local, Municipality Jurisdiction	14071144	0.00	0.62	0.62	1	0	0	0	0	1	0.000	0.040	Under	1.00	1.61	YES	NO	1,592	20%	27%
458	30	655	47	NJTPA	MORRIS	CHESTER TWP	STATE PARK RD	Minor Collector, Municipality Jurisdiction	14071021	0.00	1.86	1.86	1	0	0	0	0	1	0.000	0.030	Under	1.00	0.54	NO	NO	1,636	19%	8%
458	30	625	45	NJTPA	MORRIS	MENDHAM TWP	MORRIS COUNTY 614	Local, Municipality Jurisdiction	14000614	1.04	2.53	1.49	1	0	0	0	0	1	0.000	0.040	Under	1.00	0.67	NO	NO	1,607	20%	7%
458	30	640	46	NJTPA	MORRIS	MENDHAM TWP	FOX CHASE RD	Minor Collector, Municipality Jurisdiction	14191072	0.00	1.63	1.63	1	0	0	0	0	1	0.000	0.030	Under	1.00	0.61	NO	NO	2,015	19%	8%
458	30	521	39	NJTPA	MORRIS	CHESTER TWP	ROGERS RD	Local, Municipality Jurisdiction	14071017	0.00	0.75	0.75	1	0	0	0	0	1	0.000	0.040	Under	1.00	1.33	NO	NO	3,165	19%	8%
458	30	460	32	NJTPA	MORRIS	WASHINGTON TWP	REMSEY WAY	Local, Municipality Jurisdiction	14381090	0.00	0.48	0.48	1	0	0	0	0	1	0.000	0.040	Under	1.00	2.08	NO	YES	942	8%	4%
458	30	436	31	NJTPA	MORRIS	MENDHAM TWP	HUNTERS GLEN RD	Local, Municipality Jurisdiction	14191077	0.00	0.41	0.41	1	0	0	0	0	1	0.000	0.040	Under	1.00	2.44	NO	NO	1,861	26%	12%
458	30	568	43	NJTPA	MORRIS	CHESTER TWP	BEACON HILL DR	Local, Municipality Jurisdiction	14071080	0.00	1.08	1.08	1	0	0	0	0	1	0.000	0.040	Under	1.00	0.93	NO	NO	3,165	19%	8%
458	30	555	42	NJTPA	MORRIS	WASHINGTON TWP	RIDGELINE DR	Local, Municipality Jurisdiction	14381251	0.00	0.95	0.95	1	0	0	0	0	1	0.000	0.040	Under	1.00	1.05	YES	NO	1,592	20%	27%
458	30	372	24	NJTPA	MORRIS	WASHINGTON TWP	LIBERTY HILL CT	Local, Municipality Jurisdiction	14381237	0.00	0.28	0.28	1	0	0	0	0	1	0.000	0.040	Under	1.00	3.57	NO	NO	1,887	5%	7%