

# New Jersey Network Screening Lists, 2023

## NJTPA - Intersection List (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 ('05', '06', '07', '08')	05 - County; 06 - County Authority; 07 - Municipal; 08 - Municipal Authority Park or Institution
		intersection	At Intersection	= 'Y'	Y - Yes

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	2022 Dollars	ePDO Value (K=A)	eC Value (K=A)
Fatal	K	\$14,277,743	56.9173	5.2470
Incapacitating Injury	A	\$826,309	56.9173	5.2470
Non-incapacitating Injury	B	\$249,666	17.1973	1.5854
Possible Injury	C	\$157,482	10.8476	1.0000
Property Damage Only	O	\$14,518	1.0000	-

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

$$eC_{TOTAL} = [K] * [eC_K] + [A] * [eC_A] + [B] * [eC_B] + [C] * [eC_C] + [PDO] * [0]$$

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

Rank (ePDO)	County Rank (ePDO)	MPO	County	Municipality	Major Route			Minor Route			Crashes by Severity (2017-2020)					Weighted Score (ePDO)	Is EJ Area?	Is Census Block Group Pop. < 1,000?	NJDOT SLD - Roadway Jurisdiction of Major Route	EJScreen - Census Block Group Population (Lowest Value)	EJScreen - Minority % (Highest Value)	EJScreen - Low-Income % (Highest Value)	
					SRI	Milepost	Route Name	SRI	Milepost	Route Name	Total Crashes	K	A	B	C								O
205	1	NJTPA	SUSSEX	VERNON TWP	00000517	50.76	ROUTE 517	19000644	0.00	Vernon Crossing	17	0	0	4	6	7	140.87	NO	NO	County	1,443	22%	10%
550	2	NJTPA	SUSSEX	VERNON TWP	00000517	51.48	ROUTE 517	19221070	1.76	Maple Grange Road	5	1	0	1	2	1	96.81	NO	NO	County	1,443	22%	7%
1067	3	NJTPA	SUSSEX	ANDOVER TWP	19000616	3.09	SUSSEX COUNTY 616	19000669	3.90	Limecrest Road	22	0	0	0	5	17	71.24	YES	NO	County	2,013	12%	26%
1238	4	NJTPA	SUSSEX	NEWTON TOWN	19000616	0.40	SUSSEX COUNTY 616	19151041	0.00	Sussex Street	7	0	0	3	1	3	65.44	YES	YES	County	883	27%	32%
1273	5	NJTPA	SUSSEX	HOPATCONG BORO	19000607	7.96	SUSSEX COUNTY 607	19121261	1.81	Hopatcong Street	6	0	0	3	1	2	64.44	YES	NO	County	1,020	54%	23%
1647	6	NJTPA	SUSSEX	STANHOPE BORO	19000602	1.54	SUSSEX COUNTY 602	19121040	0.66	Kynor Avenue	5	0	0	0	5	0	54.24	YES	YES	County	674	49%	52%
1933	7	NJTPA	SUSSEX	ANDOVER TWP	19000616	1.06	SUSSEX COUNTY 616	19021006	0.38	Stickles Pond Road	6	0	0	2	1	3	48.24	YES	NO	County	1,114	27%	32%
1950	8	NJTPA	SUSSEX	SPARTA TWP	00000517	35.55	ROUTE 517	19181098	0.00	Wmountain Road	12	0	0	1	2	9	47.89	NO	NO	County	1,535	20%	11%
2096	9	NJTPA	SUSSEX	HOPATCONG BORO	19000607	9.36	SUSSEX COUNTY 607	14000602	0.51	Lakeside Boulevard	10	0	0	1	2	7	45.89	YES	YES	County	778	35%	26%
2612	10	NJTPA	SUSSEX	SPARTA TWP	19000616	4.84	SUSSEX COUNTY 616	19181055	0.00	Sussex Mills Road	9	0	0	0	3	6	38.54	NO	YES	County	855	26%	18%
2612	10	NJTPA	SUSSEX	VERNON TWP	00000515	8.29	ROUTE 515	19221242	0.00	Main Street	9	0	0	0	3	6	38.54	YES	YES	County	852	25%	29%
2704	12	NJTPA	SUSSEX	HOPATCONG BORO	19121262	0.48	BROOKLYN MOUNTAIN TRAIL RD	19121261	1.24	Durban Avenue	8	0	0	0	3	5	37.54	YES	YES	Municipal	778	54%	26%
2752	13	NJTPA	SUSSEX	HAMPTON TWP	00000519	67.84	ROUTE 519	19000626	2.73	Halsey Road	5	0	0	2	0	3	37.39	NO	YES	County	784	13%	17%
2752	13	NJTPA	SUSSEX	WANTAGE TWP	00000565	4.70	ROUTE 565	N/A	N/A	N/A	5	0	0	2	0	3	37.39	YES	YES	County	749	19%	22%
2992	15	NJTPA	SUSSEX	SPARTA TWP	19181032	0.00	PINE CONE LA	00000181	4.41	Woodport Road	5	0	0	0	3	2	34.54	NO	YES	Municipal	510	22%	10%
3131	16	NJTPA	SUSSEX	HOPATCONG BORO	19000607	8.80	SUSSEX COUNTY 607	19121262	0.00	Brooklyn Mountain Trail Road	7	0	0	1	1	5	33.04	YES	YES	County	778	35%	26%
3245	17	NJTPA	SUSSEX	SPARTA TWP	00000517	34.05	ROUTE 517	00000181	5.82	Sparta Avenue	16	0	0	1	0	15	32.20	NO	YES	County	691	22%	18%
3247	18	NJTPA	SUSSEX	WANTAGE TWP	19000639	0.65	SUSSEX COUNTY 639	19241050	0.00	Newman Road	6	0	0	1	1	4	32.04	YES	YES	County	591	19%	37%
3365	19	NJTPA	SUSSEX	SPARTA TWP	19000616	4.39	SUSSEX COUNTY 616	19021037	1.02	Pinkneyville Road	5	0	0	1	1	3	31.04	YES	NO	County	2,013	21%	26%
3365	19	NJTPA	SUSSEX	GREEN TWP	00000517	23.00	ROUTE 517	N/A	N/A	N/A	5	0	0	1	1	3	31.04	NO	YES	County	942	22%	15%
3723	21	NJTPA	SUSSEX	FRANKFORD TWP	00000565	114.14	ROUTE 565	00000206	114.14	Hampton House Road	7	0	0	0	2	5	26.70	NO	NO	County	1,864	16%	19%
3987	22	NJTPA	SUSSEX	HOPATCONG BORO	19000607	9.18	SUSSEX COUNTY 607	19121005	0.22	Edsall Road	9	0	0	1	0	8	25.20	YES	YES	County	778	35%	26%
4007	23	NJTPA	SUSSEX	NEWTON TOWN	19000616	0.77	SUSSEX COUNTY 616	19000663	0.00	Hicks Avenue	5	0	0	0	2	3	24.70	YES	NO	County	1,114	27%	32%
4212	24	NJTPA	SUSSEX	WANTAGE TWP	00000565	4.77	ROUTE 565	19000637	0.00	Beemer Church Road	8	0	0	1	0	7	24.20	YES	YES	County	749	19%	22%
4249	25	NJTPA	SUSSEX	HOPATCONG BORO	19000602	1.90	SUSSEX COUNTY 602	19121029	0.00	Helen Street	7	0	0	1	0	6	23.20	YES	YES	County	674	49%	52%
4395	26	NJTPA	SUSSEX	HOPATCONG BORO	19121261	0.43	FLORA AVE	19121033	1.45	Frances Avenue	5	0	0	1	0	4	21.20	YES	YES	Municipal	778	28%	26%
4705	27	NJTPA	SUSSEX	VERNON TWP	00000517	48.26	ROUTE 517	19221035	0.00	Lake Pochung Road	7	0	0	0	1	6	16.85	NO	NO	County	2,177	16%	10%
4821	28	NJTPA	SUSSEX	SPARTA TWP	00000517	34.87	ROUTE 517	19181096	0.15	Station Road	6	0	0	0	1	5	15.85	NO	NO	County	1,535	22%	11%
4821	28	NJTPA	SUSSEX	NEWTON TOWN	19000616	0.46	SUSSEX COUNTY 616	19151042	0.30	Orchard Street	6	0	0	0	1	5	15.85	YES	NO	County	1,114	27%	32%
4821	28	NJTPA	SUSSEX	HAMPTON TWP	00000519	66.00	ROUTE 519	N/A	N/A	N/A	6	0	0	0	1	5	15.85	YES	YES	County	784	31%	41%
4821	28	NJTPA	SUSSEX	FRANKFORD TWP	00000519	69.96	ROUTE 519	19000627	1.56	Branchville Lawson Road	6	0	0	0	1	5	15.85	NO	YES	County	784	16%	19%
5037	32	NJTPA	SUSSEX	SPARTA TWP	19000605	7.99	SUSSEX COUNTY 605	19181032	0.29	Pine Cone Lane	5	0	0	0	1	4	14.85	NO	YES	County	510	22%	10%
5037	32	NJTPA	SUSSEX	FRANKFORD TWP	00000565	3.10	ROUTE 565	19131012	3.09	Losey Road	5	0	0	0	1	4	14.85	NO	NO	County	1,864	16%	19%
5357	34	NJTPA	SUSSEX	SPARTA TWP	19181273	0.30	MAIN ST	N/A	N/A	N/A	10	0	0	0	0	10	10.00	NO	YES	Municipal	855	22%	18%
5378	35	NJTPA	SUSSEX	ANDOVER TWP	19000616	2.00	SUSSEX COUNTY 616	19000623	0.00	Lawrence Road	9	0	0	0	0	9	9.00	NO	NO	County	2,937	12%	15%
5537	36	NJTPA	SUSSEX	WANTAGE TWP	19000650	8.00	SUSSEX COUNTY 650	N/A	N/A	N/A	6	0	0	0	0	6	6.00	NO	YES	County	596	12%	8%
5706	37	NJTPA	SUSSEX	VERNON TWP	00000515	8.55	ROUTE 515	00000094	41.76	Stockholm Road	5	0	0	0	0	5	5.00	YES	YES	County	852	22%	29%
5706	37	NJTPA	SUSSEX	LAFAYETTE TWP	19000623	4.00	SUSSEX COUNTY 623	N/A	N/A	N/A	5	0	0	0	0	5	5.00	NO	NO	County	2,328	8%	15%
5706	37	NJTPA	SUSSEX	WANTAGE TWP	00000565	9.40	ROUTE 565	00000023	39.19	NJ 23	5	0	0	0	0	5	5.00	YES	YES	County	749	19%	37%