

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

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	-

$$ePDO_{TOTAL} = [K]^1[ePDO_K] + [A]^1[ePDO_A] + [B]^1[ePDO_B] + [C]^1[ePDO_C] + [O]^1[ePDO_O]$$

$$eC_{TOTAL} = [K]^1[eC_K] + [A]^1[eC_A] + [B]^1[eC_B] + [C]^1[eC_C] + [O]^1[eC_O]$$

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

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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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
546	1	NJTPA	WARREN	HACKETTSTOWN TOWN	21081041	1.33	GRAND AVE	21081051	0.14	Washington Street	19	0	0	3	3	13	97.13	YES	YES	Municipal	584	52%	69%
784	2	NJTPA	WARREN	PHILLIPSBURG TOWN	21191218	0.00	MARSHALL ST	21191190	1.75	Roseberry Street	11	0	1	1	0	9	83.11	YES	YES	Municipal	766	38%	64%
880	3	NJTPA	WARREN	WHITE TWP	21000623	0.38	WARREN COUNTY 623	21000628	0.00	Kinnaman Avenue	7	0	0	2	4	1	78.79	YES	YES	County	834	32%	30%
1116	4	NJTPA	WARREN	POHATCONG TWP	00000519	23.86	ROUTE 519	21000639	0.00	Warren Glen Bloomsbury Road	8	0	0	2	3	3	69.94	NO	YES	County	730	10%	14%
1518	5	NJTPA	WARREN	POHATCONG TWP	00000519	28.33	ROUTE 519	00000022	3.66	US 22	22	0	0	1	2	19	57.89	NO	YES	County	679	35%	19%
1609	6	NJTPA	WARREN	GREENWICH TWP	21000638	0.28	WARREN COUNTY 638	21071062	0.79	Dumont Road	9	0	0	1	3	5	54.74	NO	YES	County	679	35%	16%
1933	7	NJTPA	WARREN	LOPATCONG TWP	21151086	1.07	RED SCHOOL LANE	21151087	0.45	Baltimore Street	6	0	0	2	1	3	48.24	YES	NO	Municipal	1,127	28%	37%
1975	8	NJTPA	WARREN	PHILLIPSBURG TOWN	21000677	0.25	WARREN COUNTY 677	00000022	0.74	US 22	8	0	0	0	4	4	47.39	YES	YES	Municipal	571	38%	64%
2212	9	NJTPA	WARREN	GREENWICH TWP	21000638	0.00	WARREN COUNTY 638	00000022_W	4.02	US 22	8	0	0	1	2	5	43.89	NO	YES	County	679	35%	16%
2430	10	NJTPA	WARREN	GREENWICH TWP	00000519	28.71	ROUTE 519	21151085	3.36	Stryker Road	5	0	0	1	2	2	40.89	NO	YES	County	679	35%	19%
2992	11	NJTPA	WARREN	LOPATCONG TWP	21151068	0.00	N FIRST ST	21000646	0.34	Lincoln Road	5	0	0	0	3	2	34.54	YES	YES	Municipal	571	38%	64%
3580	12	NJTPA	WARREN	PHILLIPSBURG TOWN	21000677	0.20	WARREN COUNTY 677	21191085	0.45	Summit Street	9	0	0	0	2	7	28.70	YES	YES	Municipal	571	38%	64%
4007	13	NJTPA	WARREN	PHILLIPSBURG TOWN	21191190	1.75	LOCK ST	21191217	0.06	Marshall Street	5	0	0	0	2	3	24.70	YES	YES	Municipal	766	38%	64%
4007	13	NJTPA	WARREN	WASHINGTON TWP	21000628	1.07	WARREN COUNTY 628	21000649	1.62	Belvidere Avenue	5	0	0	0	2	3	24.70	YES	NO	County	1,034	34%	37%
4705	15	NJTPA	WARREN	HACKETTSTOWN TOWN	00000517	15.95	ROUTE 517	21081023	0.06	Franklin Street	7	0	0	0	1	6	16.85	YES	YES	County	584	52%	69%
4821	16	NJTPA	WARREN	PHILLIPSBURG TOWN	21191187	0.36	HECKMAN ST	21191202	0.36	Warren Street	6	0	0	0	1	5	15.85	YES	YES	Municipal	823	64%	64%
4821	16	NJTPA	WARREN	PHILLIPSBURG TOWN	21191127	0.00	ELDER AVE	21191130	0.00	Frost Avenue	6	0	0	0	1	5	15.85	YES	YES	Municipal	766	38%	64%
5037	18	NJTPA	WARREN	HACKETTSTOWN TOWN	00000046	21.20	US 46	21081009	0.00	Cook Street	5	0	0	0	1	4	14.85	YES	YES	N.J.D.O.T.	584	52%	69%
5037	18	NJTPA	WARREN	PHILLIPSBURG TOWN	21191194	0.54	HUDSON ST	21191157	0.12	Schultz Avenue	5	0	0	0	1	4	14.85	YES	YES	Municipal	571	64%	64%
5405	20	NJTPA	WARREN	PHILLIPSBURG TOWN	21191188	0.00	N MAIN ST	21191204	0.02	Morris Street	8	0	0	0	0	8	8.00	YES	YES	Municipal	956	64%	62%
5706	21	NJTPA	WARREN	PHILLIPSBURG TOWN	21191187	0.80	HECKMAN ST	21191133	0.07	Anderson Street	5	0	0	0	0	5	5.00	YES	YES	Municipal	766	38%	64%
5706	21	NJTPA	WARREN	POHATCONG TWP	00000519	28.26	ROUTE 519	21201045	0.00	Foch Boulevard	5	0	0	0	0	5	5.00	NO	YES	County	679	35%	19%