

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian Intersection List (2016-2020 Crashes)

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

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Crash Filtering Criteria

Source Table	Query Logic	Source Table Field	Readable Field	Query Values	Description
Safety Voyager Accidents Table	AND	year	Year	BETWEEN 2016 AND 2020	Years 2016, 2017, 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
		crash_type	Crash Type	= '13'	13 - Pedestrian
	OR	ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
		cyclist_involved	Cyclist Involved	= 0 OR IS NULL	No pedacyclist involved

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	-

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

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

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)	Weighted Score (eC)	Is EJ Area?	Is Census Block Group Pop. < 1,000?	NJDOT SLD - Roadway Jurisdiction of Major Route	EIScreen - Census Block Group Population (Lowest Value)	EIScreen - Minority % (Highest Value)	EIScreen - Low-Income % (Highest Value)	
					SRI	Milepost	Route Name	SRI	Milepost	Route Name	Total Crashes	K	A	B	C									O
94	8	NJTPA	UNION	ELIZABETH CITY	20000623	0.86	UNION COUNTY 623	20000614	0.30	Pearl Street	3	0	1	1	0	1	75.11	6.83	YES	YES	County	577	100%	74%
95	56	NJTPA	ESSEX	NEWARK CITY	00000510	26.62	ROUTE 510	07141708	0.00	Isabella Avenue	2	0	1	1	0	0	74.11	6.83	YES	YES	Municipal	369	100%	74%
95	56	NJTPA	ESSEX	NEWARK CITY	07141070	0.70	ST. JAMES PL	07141892	0.20	Clinton Place	2	0	1	1	0	0	74.11	6.83	YES	YES	Municipal	388	100%	72%
95	56	NJTPA	ESSEX	MONTCLAIR TWP	07000623	0.54	ESSEX COUNTY 623	07131064	0.07	Oxford Street	2	0	1	1	0	0	74.11	6.83	YES	YES	County	464	68%	30%
95	56	NJTPA	ESSEX	NEWARK CITY	00000510	26.88	ROUTE 510	07051798	2.23	Parkway Dr West	2	0	1	1	0	0	74.11	6.83	YES	YES	Municipal	369	100%	74%
95	56	NJTPA	ESSEX	ORANGE CITY	07171830	0.00	GLENWOOD AVE	07171203	0.77	Main Street	2	1	0	1	0	0	74.11	6.83	YES	YES	Municipal	418	100%	88%
95	8	NJTPA	HUDSON	JERSEY CITY	00000501	32.59	ROUTE 501	09061748	0.34	Leonard Street	2	1	0	1	0	0	74.11	6.83	YES	YES	County	0	96%	82%
95	56	NJTPA	ESSEX	NEWARK CITY	07141920	0.96	N 6TH ST	07051871	0.64	2nd Avenue West	2	0	1	1	0	0	74.11	6.83	YES	YES	Municipal	422	100%	69%
95	2	NJTPA	MONMOUTH	FREEHOLD BORO	00000537	52.20	ROUTE 537	00000079	1.43	East Main Street	2	1	0	1	0	0	74.11	6.83	YES	YES	Municipal	727	82%	61%
95	8	NJTPA	HUDSON	NORTH BERGEN TWP	09000693	2.32	HUDSON COUNTY 693	09000063	0.00	Bergenline Avenue	2	0	1	1	0	0	74.11	6.83	YES	YES	County	141	90%	52%
95	56	NJTPA	ESSEX	SOUTH ORANGE TWP	00000510	24.62	ROUTE 510	07111798	0.88	Academy Street	2	0	1	1	0	0	74.11	6.83	YES	YES	County	758	50%	46%
95	2	NJTPA	MORRIS	ROCKAWAY BORO	00000513	44.58	ROUTE 513	14000664	0.00	Academy Street	2	0	1	1	0	0	74.11	6.83	NO	YES	County	706	43%	20%
95	56	NJTPA	ESSEX	NEWARK CITY	07141909	0.62	ADAMS ST	07141912	0.81	Lafayette Street	2	0	1	1	0	0	74.11	6.83	YES	YES	Municipal	615	100%	93%
95	12	NJTPA	BERGEN	WESTWOOD BORO	00000503	13.64	ROUTE 503	02671019	0.34	Irvington Street	2	0	1	1	0	0	74.11	6.83	YES	YES	County	625	46%	27%
95	8	NJTPA	HUDSON	WEST NEW YORK TOWN	09121076	0.25	60TH ST	09101046	0.75	Hudson Avenue	2	0	1	1	0	0	74.11	6.83	YES	YES	Municipal	205	100%	95%
95	9	NJTPA	UNION	ROSELLE BORO	20000619	2.09	UNION COUNTY 619	20041292	2.12	West 2nd Avenue	2	0	1	1	0	0	74.11	6.83	YES	YES	County	671	100%	56%
95	56	NJTPA	ESSEX	IRVINGTON TWP	07000605	0.00	ESSEX COUNTY 605	07000603	0.39	Springfield Avenue	2	1	0	1	0	0	74.11	6.83	YES	YES	County	553	100%	80%
95	9	NJTPA	PASSAIC	PATERSON CITY	16081519	0.53	TEMPLE ST	16081380	0.15	Matlock Street	2	0	1	1	0	0	74.11	6.83	YES	YES	Municipal	72	100%	83%
95	8	NJTPA	HUDSON	JERSEY CITY	00000501	29.37	ROUTE 501	09061691	1.23	Communipaw Avenue	2	1	0	1	0	0	74.11	6.83	YES	YES	County	410	99%	66%
95	8	NJTPA	HUDSON	KEARNY TOWN	09041142	1.08	DAVIS AVE	09071121	0.15	King Street	2	0	1	1	0	0	74.11	6.83	YES	YES	Municipal	0	86%	60%
95	9	NJTPA	UNION	CRANFORD TWP	20000610	5.61	UNION COUNTY 610	20000615	3.86	Centennial Avenue	2	0	1	1	0	0	74.11	6.83	YES	YES	County	649	51%	26%
95	56	NJTPA	ESSEX	NEWARK CITY	07141895	0.52	BERGEN ST	07141070	0.25	Shephard Avenue	2	0	1	1	0	0	74.11	6.83	YES	YES	Municipal	388	100%	77%
95	12	NJTPA	BERGEN	PALISADES PARK BORO	00000501	40.27	ROUTE 501	02451653	0.42	Broad Avenue	2	0	1	1	0	0	74.11	6.83	YES	YES	County	587	96%	75%
95	9	NJTPA	PASSAIC	CLIFTON CITY	16000630	0.40	PASSAIC COUNTY 630	16000647	0.00	Getty Avenue	2	0	1	1	0	0	74.11	6.83	YES	YES	County	418	86%	79%
95	9	NJTPA	PASSAIC	PASSAIC CITY	16000601	2.03	PASSAIC COUNTY 601	16071104	0.00	Lafayette Street	2	0	1	1	0	0	74.11	6.83	YES	YES	County	543	96%	74%
95	12	NJTPA	BERGEN	FAIR LAWN BORO	02000076	1.49	BERGEN COUNTY 76	02171397	0.00	Radburn Avenue	2	1	0	1	0	0	74.11	6.83	YES	YES	County	534	48%	27%
95	8	NJTPA	HUDSON	BAYONNE CITY	09061755	0.15	E 53RD ST	09011178	0.39	West 53rd Street	2	0	1	1	0	0	74.11	6.83	YES	YES	Municipal	0	99%	71%
95	3	NJTPA	MIDDLESEX	OLD BRIDGE TWP	00000516	2.17	ROUTE 516	12091646	0.00	Gaub Road	2	0	1	1	0	0	74.11	6.83	YES	NO	County	1,069	51%	24%
95	9	NJTPA	UNION	SCOTCH PLAINS TWP	20000611	3.54	UNION COUNTY 611	20000620	2.46	East Front Street	2	0	1	1	0	0	74.11	6.83	YES	YES	County	654	98%	64%