



# 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

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	-

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

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

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)	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
2432	60	NJTPA	OCEAN	LAKWOOD TWP	15000623	8.80	OCEAN COUNTY 623	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	NO	County	2,946	59%	67%
2432	60	NJTPA	OCEAN	LAKWOOD TWP	15000628	1.20	OCEAN COUNTY 628	15141399	0.00	Murray Street	1	0	0	0	1	0	10.85	1.00	YES	NO	County	896	27%	74%
2432	60	NJTPA	OCEAN	LAKWOOD TWP	15141493	0.24	2ND ST	15141046	0.15	Lexington Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	384	42%	88%
2432	60	NJTPA	OCEAN	BRICK TWP	15000631	2.67	OCEAN COUNTY 631	00000528	35.35	Cedar Bridge Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	600	44%	31%
2432	60	NJTPA	OCEAN	LAKWOOD TWP	15141238	0.10	WARREN ST	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	384	42%	74%
2432	60	NJTPA	OCEAN	POINT PLEASANT BORO	15240012	0.42	OLD FARM RD	15241238	0.00	Cottage Place	1	0	0	0	1	0	10.85	1.00	NO	YES	County	507	14%	20%
2432	60	NJTPA	OCEAN	TOMS RIVER TWP	00000527	6.95	ROUTE 527	15072662	0.00	Grande River Boulevard	1	0	0	0	1	0	10.85	1.00	YES	NO	County	1,533	37%	83%
2432	60	NJTPA	OCEAN	LACEY TWP	15120008	0.99	BEACH BLVD	15121326	0.00	Orlando Drive	1	0	0	0	1	0	10.85	1.00	YES	YES	County	895	13%	31%
2432	60	NJTPA	OCEAN	POINT PLEASANT BORO	15000632	4.40	OCEAN COUNTY 632	15240004	0.00	Dorsett Dock Road	1	0	0	0	1	0	10.85	1.00	NO	YES	County	885	17%	19%
2432	60	NJTPA	OCEAN	SHIP BOTTOM BORO	00000072	28.60	NJ 72	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	N.J.D.O.T.	348	20%	25%
2432	60	NJTPA	OCEAN	BERKELEY TWP	15051071	0.00	LATIMER AVE	15051170	1.05	Eastern Boulevard	1	0	0	0	1	0	10.85	1.00	NO	NO	Municipal	1,436	30%	12%
2432	60	NJTPA	OCEAN	LACEY TWP	15121026	2.00	LAKE BARNEGAT DR N	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	NO	Municipal	1,393	7%	24%
2432	60	NJTPA	OCEAN	TOMS RIVER TWP	15000620	4.13	OCEAN COUNTY 620	15071207	0.00	Jay Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	674	19%	40%
2432	60	NJTPA	OCEAN	LACEY TWP	15000614	11.65	OCEAN COUNTY 614	15121025	0.38	Holmes Avenue	1	0	0	0	1	0	10.85	1.00	YES	NO	County	1,105	22%	40%
2432	60	NJTPA	OCEAN	TOMS RIVER TWP	00000571	3.47	ROUTE 571	15070020	0.00	Indian Hill Road	1	0	0	0	1	0	10.85	1.00	NO	NO	County	1,407	11%	12%
4454	109	NJTPA	OCEAN	LAKWOOD TWP	15141492	0.00	CLIFTON AVE	00000528	30.39	Cedar Bridge Avenue	2	0	0	0	0	2	2.00	0.00	YES	YES	County	384	42%	88%
4470	110	NJTPA	OCEAN	LAKWOOD TWP	00000528	30.80	ROUTE 528	15141237	0.27	Milville Avenue	1	0	0	0	0	1	1.00	0.00	YES	YES	County	384	45%	69%
4470	110	NJTPA	OCEAN	POINT PLEASANT BEACH BORO	15000633	1.43	OCEAN COUNTY 633	150000712	0.22	Baltimore Avenue	1	0	0	0	0	1	1.00	0.00	NO	YES	County	507	14%	20%
4470	110	NJTPA	OCEAN	LAKWOOD TWP	15141493	0.10	2ND ST	15141492	0.31	Clifton Avenue	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	384	42%	88%
4470	110	NJTPA	OCEAN	JACKSON TWP	15000641	3.96	OCEAN COUNTY 641	15111115	0.48	Citadel Drive	1	0	0	0	0	1	1.00	0.00	YES	NO	County	1,037	39%	49%
4470	110	NJTPA	OCEAN	LITTLE EGG HARBOR TWP	15000103	0.30	OCEAN COUNTY 103	15160002	0.54	Mathlistown Road	1	0	0	0	0	1	1.00	0.00	YES	NO	County	1,649	9%	24%
4470	110	NJTPA	OCEAN	LAKWOOD TWP	00000526	32.20	ROUTE 526	15141083	0.75	Princeton Avenue	1	0	0	0	0	1	1.00	0.00	YES	YES	County	680	49%	80%
4470	110	NJTPA	OCEAN	SHIP BOTTOM BORO	15000607	9.11	OCEAN COUNTY 607	15281023	0.28	13th Street	1	0	0	0	0	1	1.00	0.00	YES	YES	County	0	20%	25%
4470	110	NJTPA	OCEAN	BERKELEY TWP	15071485	0.20	BANANIER DR	15051486	2.00	Jamaica Boulevard	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	582	28%	41%
4470	110	NJTPA	OCEAN	BERKELEY TWP	15051353	1.40	CHARLOTTESVILLE DR S	15051475	0.00	Castries Street	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	582	28%	41%
4470	110	NJTPA	OCEAN	BEACHWOOD BORO	15040004	1.40	BEACHWOOD BLVD	N/A	N/A	N/A	1	0	0	0	0	1	1.00	0.00	YES	YES	County	661	52%	34%