

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian Corridor 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
		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
		cyclist_involved	Cyclist Involved	= 0 OR IS NULL	No bicyclists involved

Equivalent Property Damage Only (ePDO) Score Weights				
Crash Severity	KABCO Scale	2023 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	PDO	\$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%

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	MPO	County	Municipality	SRI	Mile Post - From	Mile Post - To	Corridor Length	Route	Crashes by Severity (2016-2020)						Weighted Score (ePDO)	Weighted Score (eC)	Is EJ Area?	Is Census Block Group Pop. < 1,000?	NJDOT SLD - Lane Count	NJDOT SLD - Roadway Jurisdiction	NJDOT SLD - Functional Class	ARD - Divided By	EJScreen - Census Block Group Population (Lowest Value)	EJScreen - Minority % (Highest Value)	EJScreen - Low-Income % (Highest Value)
										Total Crashes	K	A	B	C	O											
232	1	NJTPA	WARREN	INDEPENDENCE TWP	00000517	15.86	16.86	1.00	ROUTE 517	2	1	0	1	0	0	74.115	6.8324	YES	YES	2	County	Minor Arterial	Painted Median	584	52%	69%
232	1	NJTPA	WARREN	PHILLIPSBURG TOWN	21191190	1.71	2.44	0.73	LOCK ST	2	0	1	1	0	0	74.115	6.8324	YES	YES	2	Municipal	Minor Arterial	Painted Median	571	38%	64%
351	3	NJTPA	WARREN	PHILLIPSBURG TOWN	21191131	0.90	1.35	0.45	LINCOLN ST	1	0	1	0	0	0	56.917	5.247	YES	YES	2	Municipal	Local	None	823	64%	64%
351	3	NJTPA	WARREN	HACKETTSTOWN TOWN	21090604	0.60	1.60	1.00	WARREN COUNTY 604	1	1	0	0	0	0	56.917	5.247	YES	NO	2	County	Minor Arterial	None	1,753	37%	30%
351	3	NJTPA	WARREN	HARMONY TWP	00000519	31.28	32.28	1.00	ROUTE 519	1	1	0	0	0	0	56.917	5.247	NO	YES	2	County	Minor Arterial	None	612	19%	19%
1000	6	NJTPA	WARREN	ALPHA BORO	21021055	0.09	0.31	0.22	EAST BLVD	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	639	14%	31%
1000	6	NJTPA	WARREN	LIBERTY TWP	21000679	0.10	1.10	1.00	WARREN COUNTY 679	1	0	0	1	0	0	17.197	1.5854	NO	YES	2	County	Minor Collector	None	593	7%	9%
1000	6	NJTPA	WARREN	HACKETTSTOWN TOWN	00000182	0.70	0.96	0.26	NJ 182	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	N.J.D.O.T.	Principal Arterial - Other	Unknown	584	52%	69%
1000	6	NJTPA	WARREN	PHILLIPSBURG TOWN	21191202	0.60	0.96	0.36	WARREN ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Minor Arterial	None	823	64%	64%
1616	10	NJTPA	WARREN	LOPATCONG TWP	21151207	0.00	0.44	0.44	BALTIMORE ST	2	0	0	0	1	1	11.848	1	YES	NO	2	Municipal	Minor Arterial	None	1,127	28%	37%
1655	11	NJTPA	WARREN	WASHINGTON BORO	21211016	0.00	0.10	0.10	NEW ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	999	34%	37%
1655	11	NJTPA	WARREN	PHILLIPSBURG TOWN	21191204	0.30	0.42	0.12	MORRIS ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Minor Arterial	Painted Median	571	64%	62%
2413	13	NJTPA	WARREN	PHILLIPSBURG TOWN	21191125	0.09	0.20	0.11	PROSPECT ST	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	None	571	38%	64%