

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian/Bicycle 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	IN ('13', '14')	13 - Pedestrian; 14 - Pedacyclist	
	ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved	
OR	cyclist_involved	Cyclist Involved	> 0	At least one 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	\$240,666	17.1973	1.5854
Possible Injury	C	\$157,482	10.8476	1.0000
Property Damage Only	O	\$14,518	1.0000	-

$$ePDO_{Total} = [K]*[ePDO_k]*[A]*[ePDO_a]+[B]*[ePDO_b]+[C]*[ePDO_c]+[PDO]*[ePDO_{pd}]$$

$$eC_{Total} = [K]*[eC_k]+[A]*[eC_a]+[B]*[eC_b]+[C]*[eC_c]+[PDO]*[eC_{pd}]$$

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	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								
281	1	NJTPA	WARREN	WHITE TWP	00000519	38.12	ROUTE 519	21231070	0.00	Windryet Way	1	1	0	0	0	0	56.92	5.25	YES	NO	County	2,292	12%	31%
1746	2	NJTPA	WARREN	HACKETTSTOWN TOWN	00000182	0.70	NI 182	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	N.J.D.O.T.	584	52%	69%
1746	2	NJTPA	WARREN	BELVIDERE TOWN	21000620	1.74	WARREN COUNTY 620	21031011	0.71	Prospect Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	620	15%	46%
1746	2	NJTPA	WARREN	PHILLIPSBURG TOWN	21191097	0.00	WIRE ALLEY	21191188	0.38	North Main Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	571	38%	47%
1746	2	NJTPA	WARREN	HACKETTSTOWN TOWN	00000517	15.95	ROUTE 517	21081023	0.06	Franklin Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	584	52%	69%
3438	6	NJTPA	WARREN	HACKETTSTOWN TOWN	00000517	15.85	ROUTE 517	00000046	21.26	Main Street	1	0	0	1	0	0	10.85	1.00	YES	YES	County	584	52%	69%
3438	6	NJTPA	WARREN	PHILLIPSBURG TOWN	21191198	0.00	STOCKTON ST	21191013	0.71	South Main Street	1	0	0	1	0	0	10.85	1.00	YES	YES	Municipal	823	64%	62%
3438	6	NJTPA	WARREN	POHATCONG TWP	00000022	4.00	US 22	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	NO	YES	N.J.D.O.T.	679	35%	16%
3438	6	NJTPA	WARREN	PHILLIPSBURG TOWN	21191216	0.10	FIRTH ST	21191141	0.43	Rock Alley	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	571	38%	64%
3438	6	NJTPA	WARREN	WASHINGTON BORO	21211034	0.30	CHERRY ST	21211046	0.08	Nnp	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	999	34%	37%
3438	6	NJTPA	WARREN	HACKETTSTOWN TOWN	00000046	21.20	US 46	21081009	0.00	Cook Street	1	0	0	0	1	0	10.85	1.00	YES	YES	N.J.D.O.T.	584	52%	69%
3438	6	NJTPA	WARREN	PHILLIPSBURG TOWN	21191202	0.39	WARREN ST	21191186	0.54	Stockton Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	823	64%	64%
3438	6	NJTPA	WARREN	PHILLIPSBURG TOWN	21191059	0.00	MCKEEN ST	21191203	0.28	Sitgreaves Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	823	64%	64%
3438	6	NJTPA	WARREN	PHILLIPSBURG TOWN	21191133	0.10	ANDERSON ST	21191134	0.11	Watson Place	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	766	38%	64%
6145	15	NJTPA	WARREN	WASHINGTON BORO	21211019	0.10	PROSPER WAY	N/A	N/A	N/A	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	999	34%	37%
6145	15	NJTPA	WARREN	HACKETTSTOWN TOWN	21081051	0.10	VALENTINE ST	N/A	N/A	N/A	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	584	52%	69%
6145	15	NJTPA	WARREN	PHILLIPSBURG TOWN	21191087	0.49	LEWIS ST	21191191	0.62	Filmore Street	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	823	64%	64%
6145	15	NJTPA	WARREN	PHILLIPSBURG TOWN	21191149	0.20	WILSON ST	21191187	0.26	Heckman Street	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	823	64%	64%
6145	15	NJTPA	WARREN	PHILLIPSBURG TOWN	21191203	0.50	SITGREAVES ST	N/A	N/A	N/A	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	823	64%	64%