

# 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
	OR	ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
		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	\$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%

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	HUNTERDON	TEWKSBURY TWP	0000523	22.66	ROUTE 523	N/A	N/A	N/A	1	0	1	0	0	0	56.92	5.25	NO	YES	County	411	5%	6%
281	1	NJTPA	HUNTERDON	HOLLAND TWP	0000519	20.83	ROUTE 519	10151068	0.57	Gridley Cir	1	1	0	0	0	0	56.92	5.25	NO	NO	County	1,113	4%	14%
1746	3	NJTPA	HUNTERDON	HIGH BRIDGE BORO	0000513	14.57	ROUTE 513	10141036	0.03	Arch Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	619	30%	24%
1746	3	NJTPA	HUNTERDON	RARITAN TWP	1000650	1.18	HUNTERDON COUNTY 650	10091224	1.66	Case Boulevard	1	0	0	1	0	0	17.20	1.59	NO	NO	County	1,371	19%	14%
1746	3	NJTPA	HUNTERDON	GLEN GARDNER BORO	1000628	0.49	HUNTERDON COUNTY 628	10121020	0.00	Main Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	712	18%	29%
1746	3	NJTPA	HUNTERDON	TEWKSBURY TWP	14381104	0.00	W VALLEY BROOK DR	10041048	1.83	Bank Street	1	0	0	1	0	0	17.20	1.59	NO	NO	Municipal	1,728	14%	13%
1746	3	NJTPA	HUNTERDON	READINGTON TWP	0000523	19.79	ROUTE 523	10221295	0.00	Bank Street	1	0	0	1	0	0	17.20	1.59	NO	YES	County	891	18%	15%
1746	3	NJTPA	HUNTERDON	HIGH BRIDGE BORO	0000513	14.83	ROUTE 513	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	County	619	30%	24%
1746	3	NJTPA	HUNTERDON	RARITAN TWP	1000650	0.90	HUNTERDON COUNTY 650	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	NO	County	1,371	19%	25%
1746	3	NJTPA	HUNTERDON	FLEMINGTON BORO	10091225	0.40	PENNSYLVANIA AVE	10091023	0.00	Regional Court	1	0	0	1	0	0	17.20	1.59	YES	NO	Municipal	1,305	74%	59%
1746	3	NJTPA	HUNTERDON	CLINTON TWP	10061074	0.00	SPENCER LA	10061055	0.18	Petticoat Lane	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	612	56%	12%
3438	12	NJTPA	HUNTERDON	RARITAN TWP	0000523	10.48	ROUTE 523	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	NO	County	1,305	74%	59%
3438	12	NJTPA	HUNTERDON	FLEMINGTON BORO	10091224	0.17	REAVILLE AVE	00000202	11.22	US 202	1	0	0	0	1	0	10.85	1.00	YES	NO	Municipal	1,305	48%	35%
3438	12	NJTPA	HUNTERDON	EAST AMWELL TWP	10003607	0.71	HUNTERDON COUNTY 607	10081026	1.19	Ridge Road	1	0	0	0	1	0	10.85	1.00	NO	NO	County	1,263	6%	8%
3438	12	NJTPA	HUNTERDON	RARITAN TWP	0000523_5	18.90	ROUTE 523 SECONDARY	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	NO	N/A	1,305	74%	59%
6145	16	NJTPA	HUNTERDON	RARITAN TWP	10006612	1.10	HUNTERDON COUNTY 612	N/A	N/A	N/A	1	0	0	0	0	1	1.00	0.00	YES	NO	County	1,988	13%	25%
6145	16	NJTPA	HUNTERDON	RARITAN TWP	10006613	1.86	HUNTERDON COUNTY 613	10000650	2.44	Voorhees Corner Road	1	0	0	0	0	1	1.00	0.00	NO	NO	County	1,661	19%	4%
6145	16	NJTPA	HUNTERDON	CLINTON TOWN	10051006	0.00	HANCOCK ST	00000173	13.27	Old Highway 22	1	0	0	0	0	1	1.00	0.00	NO	NO	Municipal	1,110	39%	20%