

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											
351	1	NJTPA	HUNTERDON	HIGH BRIDGE BORO	10141035	0.20	1.20	1.00	ARCH ST	1	0	1	0	0	0	56.917	5.247	YES	YES	2	Municipal	Local	None	619	56%	24%
351	1	NJTPA	HUNTERDON	LEBANON TWP	00000513	17.52	18.52	1.00	ROUTE 513	1	0	1	0	0	0	56.917	5.247	NO	NO	2	County	Major Collector	None	1,409	9%	8%
351	1	NJTPA	HUNTERDON	TEWKSBURY TWP	00000517	3.41	4.41	1.00	ROUTE 517	1	1	0	0	0	0	56.917	5.247	NO	NO	2	County	Major Collector	None	1,260	7%	7%
1000	4	NJTPA	HUNTERDON	KINGWOOD TWP	10000651	3.60	4.53	0.93	HUNTERDON COUNTY 651	1	0	0	1	0	0	17.197	1.5854	NO	NO	2	County	Local	None	1,321	9%	10%
1000	4	NJTPA	HUNTERDON	FLEMINGTON BORO	10091006	0.44	0.98	0.54	MAIN ST	1	0	0	1	0	0	17.197	1.5854	YES	NO	2	Municipal	Minor Arterial	None	1,305	74%	59%
1000	4	NJTPA	HUNTERDON	DELAWARE TWP	10071009	0.80	0.87	0.07	BUCHANAN RD	1	0	0	1	0	0	17.197	1.5854	NO	NO	2	Municipal	Local	None	2,553	6%	10%
1000	4	NJTPA	HUNTERDON	RARITAN TWP	00000202	11.00	12.00	1.00	US 202	1	0	0	1	0	0	17.197	1.5854	YES	NO	2	N.J.D.O.T.	Principal Arterial - Other	Painted Median	1,305	48%	35%
1000	4	NJTPA	HUNTERDON	DELAWARE TWP	00000523	1.80	2.80	1.00	ROUTE 523	1	0	0	1	0	0	17.197	1.5854	NO	NO	2	County	Major Collector	None	1,902	14%	14%
1000	4	NJTPA	HUNTERDON	READINGTON TWP	10221307	0.00	0.45	0.45	FORESTDALE DR	1	0	0	1	0	0	17.197	1.5854	NO	NO	2	Municipal	Local	None	2,414	14%	6%
1000	4	NJTPA	HUNTERDON	RARITAN TWP	10211097	2.50	3.07	0.57	EVERITT RD	1	0	0	1	0	0	17.197	1.5854	NO	NO	2	Municipal	Local	Painted Median	1,308	26%	8%
1000	4	NJTPA	HUNTERDON	TEWKSBURY TWP	00000512	2.83	3.83	1.00	ROUTE 512	1	0	0	1	0	0	17.197	1.5854	NO	NO	2	County	Major Collector	None	2,211	7%	4%
1000	4	NJTPA	HUNTERDON	FLEMINGTON BORO	10091005	0.20	0.51	0.31	CHURCH ST	1	0	0	1	0	0	17.197	1.5854	YES	NO	2	Municipal	Minor Arterial	None	1,305	48%	35%
1655	13	NJTPA	HUNTERDON	FRENCHTOWN BORO	10111001	0.00	0.39	0.39	HARRISON ST	1	0	0	0	1	0	10.848	1	YES	NO	2	Municipal	Minor Arterial	None	1,464	11%	29%
1655	13	NJTPA	HUNTERDON	FLEMINGTON BORO	00000523	9.60	10.60	1.00	ROUTE 523	1	0	0	0	1	0	10.848	1	YES	NO	2	County	Minor Arterial	None	1,305	74%	59%