

# New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian/Bicycle Corridor List (2016-2020 Crashes)

Developed by GPI for the New Jersey Department of Transportation (NJDOT)

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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	
			municipality	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	Is = 'Y'	Y - Yes	
			crash_type	Crash Type	IN ('13', '14')	13 - Pedestrian; 14 - Pedacyclist	
			ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved	
			cyclist_involved	Cyclist Involved	> 0	At least one bicyclist 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	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	-

$$ePDO_{TOTAL} = [K]*ePDO_A + [A]*ePDO_B + [B]*ePDO_C + [C]*ePDO_D + [PDO]*ePDO_{PDO}$$

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

EJ Area Thresholds		
Minority %	>=	45%
Low-Income %	>=	22%

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	EIScreen - Census Block Group Population (Lowest Value)	EIScreen - Minority % (Highest Value)	EIScreen - Low-Income % (Highest Value)	
										Total Crashes	K	A	B	C	O												
465	1	NITPA	HUNTERDON	LEBANON TWP	00000513	17.52	18.52	1.00	ROUTE 513	1	0	1	0	0	0	56.92	5.247	NO	NO	2	County	Major Collector	None	1409	9%	8%	
465	1	NITPA	HUNTERDON	TEWKSBURY TWP	00000517	3.41	4.41	1.00	ROUTE 517	1	1	0	0	0	0	56.92	5.247	NO	NO	2	County	Major Collector	None	1260	7%	7%	
465	1	NITPA	HUNTERDON	HIGH BRIDGE BORO	10141035	0.20	1.20	1.00	ARCH ST	1	0	1	0	0	0	56.92	5.247	YES	YES	2	Municipal	Local	None	619	56%	24%	
914	4	NITPA	HUNTERDON	FLEMINGTON BORO	10091224	0.10	1.10	1.00	REAVILLE AVE	3	0	0	1	1	1	29.04	2.5854	YES	NO	2	Municipal	Major Collector	Painted Median	1305	48%	35%	
941	5	NITPA	HUNTERDON	RARITAN TWP	00000573	8.86	9.86	1.00	ROUTE 523	2	0	0	1	1	0	28.04	2.5854	YES	NO	2	County	Minor Arterial	None	1305	74%	59%	
941	5	NITPA	HUNTERDON	FLEMINGTON BORO	10091006	0.40	0.98	0.58	MAIN ST	2	0	0	1	1	0	28.04	2.5854	YES	NO	2	Municipal	Minor Arterial	None	1305	74%	59%	
1262	7	NITPA	HUNTERDON	EAST AMWELL TWP	10000602	1.90	2.90	1.00	HUNTERDON COUNTY 602	1	0	0	1	0	0	17.20	1.5854	NO	NO	2	County	Major Collector	None	1263	7%	8%	
1262	7	NITPA	HUNTERDON	READINGTON TWP	10221017	1.50	1.55	0.05	COLE RD	1	0	0	1	0	0	17.20	1.5854	YES	NO	2	Municipal	Local	None	2585	10%	24%	
1262	7	NITPA	HUNTERDON	KINGWOOD TWP	10161011	0.00	1.00	1.00	FITZER RD	1	0	0	1	0	0	17.20	1.5854	NO	NO	2	Municipal	Local	None	1321	9%	4%	
1262	7	NITPA	HUNTERDON	FLEMINGTON BORO	10091005	0.20	0.51	0.31	CHURCH ST	1	0	0	1	0	0	17.20	1.5854	YES	NO	2	Municipal	Minor Arterial	None	1305	48%	35%	
1262	7	NITPA	HUNTERDON	RARITAN TWP	10211097	2.50	3.07	0.57	EVERITT RD	1	0	0	1	0	0	17.20	1.5854	NO	NO	2	Municipal	Local	Painted Median	1308	26%	8%	
1262	7	NITPA	HUNTERDON	DELAWARE TWP	00000523	1.80	2.80	1.00	ROUTE 523	1	0	0	1	0	0	17.20	1.5854	NO	NO	2	County	Major Collector	None	1802	14%	14%	
1262	7	NITPA	HUNTERDON	READINGTON TWP	10221307	0.00	0.45	0.45	FORESTDALE DR	1	0	0	1	0	0	17.20	1.5854	NO	NO	2	Municipal	Local	None	2414	14%	6%	
1262	7	NITPA	HUNTERDON	LEBANON TWP	10000628	5.16	5.25	0.09	HUNTERDON COUNTY 628	1	0	0	1	0	0	17.20	1.5854	NO	NO	2	County	Minor Collector	None	1409	4%	8%	
1262	7	NITPA	HUNTERDON	TEWKSBURY TWP	00000512	2.83	3.83	1.00	ROUTE 512	1	2	0	0	1	0	0	17.20	1.5854	NO	NO	2	County	Major Collector	None	2211	7%	4%
1262	7	NITPA	HUNTERDON	LEBANON TWP	10000628	3.35	4.35	1.00	HUNTERDON COUNTY 628	1	0	0	1	0	0	17.20	1.5854	NO	NO	2	County	Minor Collector	None	1409	14%	8%	
1262	7	NITPA	HUNTERDON	RARITAN TWP	00000202	11.00	12.00	1.00	US 202	1	0	0	1	0	0	17.20	1.5854	YES	NO	2	N.J.D.O.T.	Principal Arterial - Other	Painted Median	1305	48%	35%	
1262	7	NITPA	HUNTERDON	LEBANON TWP	10121008	0.62	1.62	1.00	BELL AVE	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Local	None	712	18%	29%	
1262	7	NITPA	HUNTERDON	DELAWARE TWP	10071009	0.80	0.87	0.07	BUCHANAN RD	1	0	0	1	0	0	17.20	1.5854	NO	NO	2	Municipal	Local	None	2553	6%	10%	
1262	7	NITPA	HUNTERDON	KINGWOOD TWP	10000651	3.60	4.53	0.93	HUNTERDON COUNTY 651	1	0	0	1	0	0	17.20	1.5854	NO	NO	2	County	Local	None	1321	9%	10%	
2044	21	NITPA	HUNTERDON	RARITAN TWP	10000650	0.44	1.44	1.00	HUNTERDON COUNTY 650	1	0	0	0	1	0	10.85	1	YES	NO	2	County	Major Collector	None	1371	48%	35%	
2044	21	NITPA	HUNTERDON	FRENCHTOWN BORO	10111001	0.00	0.39	0.39	HARRISON ST	1	0	0	0	1	0	10.85	1	YES	NO	2	Municipal	Minor Arterial	None	1464	11%	29%	
2044	21	NITPA	HUNTERDON	RARITAN TWP	10211315	0.00	0.27	0.27	PHEASANT DR	1	0	0	0	1	0	10.85	1	NO	NO	2	Municipal	Local	None	1308	26%	8%	
2044	21	NITPA	HUNTERDON	LAMBERTVILLE CITY	10171011	0.40	0.49	0.09	GEORGE ST	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	892	23%	25%	
2044	21	NITPA	HUNTERDON	EAST AMWELL TWP	10000609	1.00	2.00	1.00	HUNTERDON COUNTY 609	1	0	0	0	1	0	10.85	1	NO	NO	2	County	Major Collector	None	1308	19%	8%	
2856	26	NITPA	HUNTERDON	CLINTON TWP	10000626	1.10	1.21	0.11	HUNTERDON COUNTY 626	1	0	0	0	0	1	1.00	0	YES	NO	2	County	Major Collector	None	1634	56%	12%	