

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian 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
Safety Voyager Accidents Table	OR	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
Safety Voyager Accidents Table	OR	crash_type	Crash Type	= '13'	13 - Pedestrian
		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
Safety Voyager Accidents Table	OR	cyclist_involved	Cyclist Involved	= 0 OR IS NULL	No pedacyclist involved

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	-

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

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

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 (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	EIScreen - Census Block Group Population (Lowest Value)	EIScreen - Minority % (Highest Value)	EIScreen - Low-Income % (Highest Value)	
					SRI	Milepost	SRI	Milepost	Total Crashes	K	A	B	C									O
73	1	NJTPA	MORRIS	DOVER TOWN	0000513	41.45	ROUTE 513	14091052	0.00	3	0	1	0	2	0	78.61	7.25	YES	County	722	89%	56%
95	2	NJTPA	MORRIS	ROCKAWAY BORO	0000513	44.58	ROUTE 513	14000664	0.00	2	0	1	1	0	0	74.11	6.83	NO	County	706	43%	20%
131	3	NJTPA	MORRIS	DOVER TOWN	0000513	41.24	ROUTE 513	14091021	0.05	2	0	1	0	1	0	67.76	6.25	YES	County	722	89%	56%
188	4	NJTPA	MORRIS	DOVER TOWN	0000513	41.29	ROUTE 513	14091146	0.06	4	0	0	3	1	0	62.44	5.76	YES	County	722	89%	56%
211	5	NJTPA	MORRIS	DOVER TOWN	14000661	0.05	MORRIS COUNTY 661	14091080	0.15	1	0	1	0	0	0	56.92	5.25	YES	County	981	89%	56%
211	5	NJTPA	MORRIS	PARSIPPANY-TROY HILLS TWP	14211564	1.43	STILES LN	14291575	0.64	1	0	1	0	0	0	56.92	5.25	YES	Municipal	689	63%	27%
211	5	NJTPA	MORRIS	BOONTON TOWN	0000202	54.24	US 202	00000511	9.39	1	0	1	0	0	0	56.92	5.25	YES	County	592	56%	54%
211	5	NJTPA	MORRIS	MORRISTOWN TOWN	14241165	0.23	ELM ST	14241151	0.00	1	0	1	0	0	0	56.92	5.25	YES	Municipal	1,085	71%	45%
211	5	NJTPA	MORRIS	DOVER TOWN	14000659	0.30	MORRIS COUNTY 659	14091086	0.00	1	1	0	0	0	0	56.92	5.25	YES	County	722	89%	56%
211	5	NJTPA	MORRIS	BOONTON TOWN	0000202	54.98	US 202	14011218	0.00	1	0	1	0	0	0	56.92	5.25	YES	County	773	56%	16%
211	5	NJTPA	MORRIS	CHATHAM TWP	14000646	11.82	MORRIS COUNTY 646	14051037	0.00	1	1	0	0	0	0	56.92	5.25	NO	County	707	31%	17%
211	5	NJTPA	MORRIS	CHATHAM BORO	14000638	8.04	MORRIS COUNTY 638	0000124	6.69	1	0	1	0	0	0	56.92	5.25	NO	County	707	31%	17%
211	5	NJTPA	MORRIS	MORRISTOWN TOWN	14241136	0.00	ANN ST	14241155	0.10	1	1	0	0	0	0	56.92	5.25	YES	Municipal	734	71%	57%
573	14	NJTPA	MORRIS	DOVER TOWN	14000643	1.14	MORRIS COUNTY 643	0000513	41.35	5	0	0	1	2	2	40.89	3.59	YES	County	722	89%	56%
582	15	NJTPA	MORRIS	MORRISTOWN TOWN	14000617	0.30	MORRIS COUNTY 617	14241103	0.00	3	0	0	1	2	0	38.89	3.59	YES	County	494	94%	57%
582	15	NJTPA	MORRIS	DOVER TOWN	0000513	41.36	ROUTE 513	14000643	1.14	3	0	0	1	2	0	38.89	3.59	YES	County	722	89%	56%
787	17	NJTPA	MORRIS	MORRISTOWN TOWN	0000510	11.56	ROUTE 510	14000648	0.15	2	0	0	1	1	0	28.04	2.59	YES	County	734	94%	57%
787	17	NJTPA	MORRIS	WHARTON BORO	14000634	13.95	MORRIS COUNTY 634	14091149	1.32	2	0	0	1	1	0	28.04	2.59	YES	County	985	71%	50%
998	19	NJTPA	MORRIS	BOONTON TOWN	0000511	9.53	ROUTE 511	14011027	0.53	3	0	0	0	2	1	22.70	2.00	YES	County	592	54%	54%
1035	20	NJTPA	MORRIS	DOVER TOWN	14091021	0.10	WARREN ST	14091044	0.06	2	0	0	0	2	0	21.70	2.00	YES	County	722	89%	56%
1035	20	NJTPA	MORRIS	DOVER TOWN	0000015	0.10	NJ 15	14091051	0.26	2	0	0	0	2	0	21.70	2.00	YES	N.J.D.O.T.	722	89%	56%
1295	22	NJTPA	MORRIS	DENVILLE TWP	14081127	0.30	HINCHMAN	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	Municipal	874	19%	25%
1295	22	NJTPA	MORRIS	MORRISTOWN TOWN	14241077	0.00	HILLARY AVE	14241329	0.52	1	0	0	1	0	0	17.20	1.59	YES	Municipal	1,499	94%	57%
1295	22	NJTPA	MORRIS	MONTVILLE TWP	14000621	3.18	MORRIS COUNTY 621	14211331	0.00	1	0	0	1	0	0	17.20	1.59	NO	County	880	36%	15%
1295	22	NJTPA	MORRIS	PARSIPPANY-TROY HILLS TWP	0000202	48.23	US 202	0000010	11.44	1	0	0	1	0	0	17.20	1.59	YES	County	712	56%	8%
1295	22	NJTPA	MORRIS	BOONTON TOWN	14011020	0.82	WOOTTON ST	14011016	0.00	1	0	0	1	0	0	17.20	1.59	YES	Municipal	773	56%	23%
1295	22	NJTPA	MORRIS	MADISON BORO	14000647	4.39	MORRIS COUNTY 647	N/A	N/A	1	0	0	1	0	0	17.20	1.59	NO	County	899	36%	13%
1295	22	NJTPA	MORRIS	LINCOLN PARK BORO	0000202	59.59	US 202	14161002	0.00	1	0	0	1	0	0	17.20	1.59	NO	County	1,095	28%	18%
1295	22	NJTPA	MORRIS	MORRISTOWN TOWN	14241153	0.20	MILLER RD	14241154	0.24	1	0	0	1	0	0	17.20	1.59	YES	Municipal	1,085	48%	20%
1295	22	NJTPA	MORRIS	MORRISTOWN TOWN	0000510	11.15	ROUTE 510	14241101	0.00	1	0	0	1	0	0	17.20	1.59	YES	County	734	71%	57%
1295	22	NJTPA	MORRIS	DOVER TOWN	0000513	41.65	ROUTE 513	14091105	0.24	1	0	0	1	0	0	17.20	1.59	YES	County	1,070	89%	56%
1295	22	NJTPA	MORRIS	ROCKAWAY BORO	14341104	0.56	UNION AVE	14000644	0.85	1	0	0	1	0	0	17.20	1.59	NO	Municipal	706	43%	20%
1295	22	NJTPA	MORRIS	MADISON BORO	14041173	1.63	KINGS RD	14171002	0.60	1	0	0	1	0	0	17.20	1.59	NO	Municipal	899	36%	13%
1295	22	NJTPA	MORRIS	MADISON BORO	0000124	5.20	NJ 124	N/A	N/A	1	0	0	1	0	0	17.20	1.59	NO	N.J.D.O.T.	899	36%	12%
1295	22	NJTPA	MORRIS	MORRISTOWN TOWN	14121333	2.93	RIDGEDALE AVE	14241161	0.00	1	0	0	1	0	0	17.20	1.59	YES	Municipal	1,499	94%	45%
1295	22	NJTPA	MORRIS	PARSIPPANY-TROY HILLS TWP	14291575	0.72	N BEVERWYCK RD	14291416	0.00	1	0	0	1	0	0	17.20	1.59	YES	Municipal	689	63%	27%
1295	22	NJTPA	MORRIS	MORRISTOWN TOWN	14241165	0.31	ELM ST	00000124	0.39	1	0	0	1	0	0	17.20	1.59	YES	Municipal	1,085	71%	45%
1295	22	NJTPA	MORRIS	MORRISTOWN TOWN	0000510	11.65	ROUTE 510	0000202_5	44.50	1	0	0	1	0	0	17.20	1.59	YES	County	734	94%	57%
1295	22	NJTPA	MORRIS	RANDOLPH TWP	14000670	1.47	MORRIS COUNTY 670	14321148	0.60	1	0	0	1	0	0	17.20	1.59	NO	County	1,668	30%	17%
1295	22	NJTPA	MORRIS	MORRISTOWN TOWN	14241160	0.13	SPRING ST	14241329	0.00	1	0	0	1	0	0	17.20	1.59	YES	Municipal	734	94%	57%
1295	22	NJTPA	MORRIS	PEQUANNOCK TWP	14000660	0.73	MORRIS COUNTY 660	14311067	0.00	1	0	0	1	0	0	17.20	1.59	YES	County	804	28%	36%
1295	22	NJTPA	MORRIS	DOVER TOWN	0000513	41.13	ROUTE 513	14000659	0.46	1	0	0	1	0	0	17.20	1.59	YES	County	722	89%	56%
1295	22	NJTPA	MORRIS	CHESTER BORO	0000513	30.79	ROUTE 513	14061010	0.00	1	0	0	1	0	0	17.20	1.59	NO	County	1,653	19%	17%
1295	22	NJTPA	MORRIS	DOVER TOWN	0000513	41.20	ROUTE 513	14091021	0.05	1	0	0	1	0	0	17.20	1.59	YES	County	722	89%	56%
1295	22	NJTPA	MORRIS	MORRISTOWN TOWN	14241156	0.08	MAPLE AVE	14241159	0.11	1	0	0	1	0	0	17.20	1.59	YES	Municipal	734	71%	45%
1295	22	NJTPA	MORRIS	BOONTON TOWN	14000624	0.80	MORRIS COUNTY 624	0000511	9.70	1	0	0	1	0	0	17.20	1.59	YES	County	592	56%	54%
2339	47	NJTPA	MORRIS	MORRISTOWN TOWN	0000510	11.60	ROUTE 510	14241155	0.00	4	0	0	1	3	1	13.85	1.00	YES	County	734	94%	57%
2432	48	NJTPA	MORRIS	MORRISTOWN TOWN	14241148	0.00	EARLY ST	14241094	0.13	1	0	0	0	1	0	10.85	1.00	YES	Municipal	592	47%	30%
2432	48	NJTPA	MORRIS	MORRISTOWN TOWN	0000510	11.63	ROUTE 510	0000202	46.41	1	0	0	0	1	0	10.85	1.00	YES	County	494	57%	21%
2432	48	NJTPA	MORRIS	ROCKAWAY TWP	0000513	42.34	ROUTE 513	14091015	0.92	1	0	0	0	1	0	10.85	1.00	YES	County	1,483	89%	39%
2432	48	NJTPA	MORRIS	MADISON BORO	14171001	0.00	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	NO	County	899	36%	13%
2432	48	NJTPA	MORRIS	ROCKAWAY TWP	14351255	0.96	SANDERS RD	14351255	4.24	1	0	0	0	1	0	10.85	1.00	NO	Municipal	1,850	25%	10%
2432	48																					