

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian Intersection List (2016-2020 Crashes)

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

Print Date: Friday, November 3, 2023
Delivery Date: August 10, 2023

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_crash_type	At Intersection	= 'Y'	Y - Yes	
OR		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
		cyclist_involved	Cyclist Involved	= 0 OR IS NULL	No 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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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	Route Name	SRI	Milepost	Route Name	Total Crashes	K	A	B	C								
24	7	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000581	0.40	MIDDLESEX COUNTY 658 I	12161185	0.00	Mead Street	5	0	1	1	3	0	106.66	9.83	YES	N/A	996	97%	87%
73	2	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141213	0.20	HANDY ST	12141062	0.00	Drift Street	3	0	1	0	2	0	78.61	7.25	YES	Municipal	1,016	97%	87%
95	3	NJTPA	MIDDLESEX	OLD BRIDGE TWP	00000516	2.17	ROUTE 516	12091646	0.00	Gaub Road	2	0	1	1	0	0	74.11	6.83	YES	County	1,069	51%	24%
131	4	NJTPA	MIDDLESEX	METUCHEN BORO	12000660	0.52	MIDDLESEX COUNTY 660	12102054	0.00	Grove Avenue	2	0	1	0	1	0	67.76	6.25	YES	County	809	75%	27%
131	4	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000027	16.32	NJ 27	00000171	3.10	N/A	2	0	1	0	1	0	67.76	6.25	YES	Municipal	315	96%	88%
188	6	NJTPA	MIDDLESEX	METUCHEN BORO	00000531	1.80	ROUTE 531	12101165	0.00	Penn Avenue	4	0	0	3	1	0	62.44	5.75	YES	County	586	58%	21%
211	7	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000611	1.17	MIDDLESEX COUNTY 611	12161138	0.16	Pulaski Avenue	1	0	1	0	0	0	56.92	5.25	YES	County	956	98%	69%
211	7	NJTPA	MIDDLESEX	SAVREVILLE BORO	12000670	3.15	MIDDLESEX COUNTY 670	12191160	0.10	Crossman Road	1	0	1	0	0	0	56.92	5.25	YES	County	1,379	84%	43%
211	7	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12000617	1.58	MIDDLESEX COUNTY 617	12041778	0.07	Winton Road	1	0	1	0	0	0	56.92	5.25	NO	County	1,091	44%	15%
211	7	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12000691	0.35	MIDDLESEX COUNTY 691	12141013	0.22	Ellen Street	1	0	1	0	0	0	56.92	5.25	YES	County	996	97%	84%
211	7	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	12221186	0.00	WOOD ST	N/A	N/A	1	0	1	0	0	0	56.92	5.25	YES	Municipal	867	94%	67%	
211	7	NJTPA	MIDDLESEX	CRANBURY TWP	00000535	13.99	ROUTE 535	12021012	0.00	Evans Drive	1	0	1	0	0	0	56.92	5.25	NO	County	1,570	26%	5%
211	7	NJTPA	MIDDLESEX	PLAINSBORO TWP	12181039	3.05	PLAINSBORO-CRANBURY RD	N/A	N/A	1	1	0	0	0	0	56.92	5.25	YES	Municipal	913	86%	27%	
211	7	NJTPA	MIDDLESEX	SAVREVILLE BORO	12000670	1.42	MIDDLESEX COUNTY 670	12191110	0.00	Pulaski Avenue	1	1	0	0	0	0	56.92	5.25	YES	County	786	36%	36%
211	7	NJTPA	MIDDLESEX	WOODBIDGE TWP	12000604	4.02	MIDDLESEX COUNTY 604	12251581	0.47	Benjamin Avenue	1	0	1	0	0	0	56.92	5.25	YES	County	637	94%	47%
211	7	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161165	0.78	FAYETTE ST	12161175	0.24	Oak Street	1	0	1	0	0	0	56.92	5.25	YES	Municipal	996	98%	67%
211	7	NJTPA	MIDDLESEX	PLAINSBORO TWP	12181099	0.00	DEER CREEK RD	12181039	3.26	Plainsboro Road	1	0	1	0	0	0	56.92	5.25	YES	Municipal	913	86%	27%
211	7	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12000691	0.65	MIDDLESEX COUNTY 691	12141019	0.22	Howard Street	1	0	1	0	0	0	56.92	5.25	YES	County	1,035	97%	84%
211	7	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000527	46.95	ROUTE 527	12141220	0.00	College Avenue	1	0	1	0	0	0	56.92	5.25	YES	County	915	88%	31%
211	7	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161165	0.21	FAYETTE ST	12161198	0.00	Reade Street	1	0	1	0	0	0	56.92	5.25	YES	Municipal	996	93%	67%
211	7	NJTPA	MIDDLESEX	WOODBIDGE TWP	12000656	2.54	MIDDLESEX COUNTY 656	12161195	0.12	Silzer Street	1	0	1	0	0	0	56.92	5.25	YES	County	1,319	93%	67%
211	7	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12000691	0.94	MIDDLESEX COUNTY 691	12141032	0.33	Baldwin Street	1	1	0	0	0	0	56.92	5.25	YES	County	1,016	97%	87%
211	7	NJTPA	MIDDLESEX	EDISON TWP	12051747	0.56	OLD POST RD	12051148	0.00	Woodedgew Avenue	1	0	1	0	0	0	56.92	5.25	YES	Municipal	793	65%	51%
211	7	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	12211680	0.93	BEEKMAN RD	12211552	0.38	Dickinson Road	1	0	1	0	0	0	56.92	5.25	YES	Municipal	2,087	71%	21%
211	7	NJTPA	MIDDLESEX	WOODBIDGE TWP	12000616	0.37	MIDDLESEX COUNTY 616	12251133	0.00	William Street	1	0	1	0	0	0	56.92	5.25	YES	County	665	76%	35%
211	7	NJTPA	MIDDLESEX	WOODBIDGE TWP	12000604	4.29	MIDDLESEX COUNTY 604	12251879	0.55	Elizabeth Avenue	1	0	1	0	0	0	56.92	5.25	YES	County	637	94%	47%
211	7	NJTPA	MIDDLESEX	SAVREVILLE BORO	00000535	29.10	ROUTE 535	12191124	0.19	Lena Street	1	0	1	0	0	0	56.92	5.25	YES	County	1,008	84%	43%
211	7	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	12000622	0.60	MIDDLESEX COUNTY 622	12000807	0.00	Cedar Lane	1	0	1	0	0	0	56.92	5.25	YES	County	800	71%	54%
211	7	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12000691	1.20	MIDDLESEX COUNTY 691	00000171	2.66	N/A	1	1	0	0	0	0	56.92	5.25	YES	County	315	97%	87%
211	7	NJTPA	MIDDLESEX	MONROE TWP	12000612	0.63	MIDDLESEX COUNTY 612	12000619	6.39	Applegate Road	1	0	0	0	0	0	56.92	5.25	YES	County	738	52%	34%
535	31	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141219	0.10	HAMILTON ST	12141220	0.10	College Avenue	4	0	0	2	1	1	46.24	4.17	YES	N/A	397	91%	88%
538	32	NJTPA	MIDDLESEX	METUCHEN BORO	00000501	4.40	ROUTE 501	12101088	0.11	Goodwill Place	3	0	0	2	1	0	40.24	4.17	YES	County	809	75%	27%
538	32	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000027	14.40	NJ 27	18081356	0.25	Parkside Street	3	0	0	2	1	0	45.24	4.17	YES	N.J.D.O.T.	1,300	96%	84%
538	32	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141217	0.10	JOYCE KILMER AVE	12141214	0.87	Suydam Street	3	0	0	2	1	0	45.24	4.17	YES	Municipal	315	97%	87%
538	32	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	00000509	0.06	ROUTE 509	20201016	0.06	Prospect Street	3	0	0	2	1	0	45.24	4.17	YES	County	749	86%	49%
538	32	NJTPA	MIDDLESEX	EDISON TWP	12000604	2.96	MIDDLESEX COUNTY 604	12000649	1.12	Wood Avenue	3	0	0	2	1	0	45.24	4.17	YES	County	865	100%	47%
538	32	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000656	3.57	MIDDLESEX COUNTY 656	12161150	0.64	High Street	3	0	0	2	1	0	45.24	4.17	YES	County	996	98%	67%
582	38	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161092	0.30	WASHINGTON ST	12161088	0.00	Johnstone Street	3	0	0	1	2	0	38.89	3.59	YES	Municipal	996	98%	67%
636	39	NJTPA	MIDDLESEX	WOODBIDGE TWP	12000604	4.12	MIDDLESEX COUNTY 604	12251003	0.00	Chain O Hills Road	2	0	0	2	0	0	34.39	3.17	YES	County	637	94%	47%
636	39	NJTPA	MIDDLESEX	DUNELLEN BORO	00000529	7.53	ROUTE 529	00000028	12.09	North Avenue	2	0	0	2	0	0	34.39	3.17	YES	County	996	99%	44%
636	39	NJTPA	MIDDLESEX	MILLTOWN BORO	12000606	3.19	MIDDLESEX COUNTY 606	12121706	0.00	Washington Avenue	2	0	0	2	0	0	34.39	3.17	YES	County	734	35%	36%
636	39	NJTPA	MIDDLESEX	EDISON TWP	00000501	1.55	ROUTE 501	12052046	1.30	Talmadge Road	2	0	0	2	0	0	34.39	3.17	YES	County	619	99%	12%
636	39	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161163	0.40	FIRST ST	12161156	0.07	Gordon Street	2	0	0	2	0	0	34.39	3.17	YES	Municipal	722	97%	67%
636	39	NJTPA	MIDDLESEX	EDISON TWP	12000604	2.51	MIDDLESEX COUNTY 604	12051906	0.14	Sugar Road	2	0	0	2	0	0	34.39	3.17	YES	County	857	100%	25%
636	39	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000027	15.60	NJ 27	12141225	0.00	Baldwin Street	2	0	0	2	0	0	34.39	3.17	YES	County	397	93%	84%
636	39	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000656	3.29	MIDDLESEX COUNTY 656	12161162	0.14	Madison Avenue	2	0	0	2	0	0	34.39	3.17	YES	County	996	98%	67%
636	39	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000027	16.22	NJ 27	00000514	24.59	Hamilton Street	2	0	0	2	0	0	34.39	3.17	YES	Municipal	315	96%	88%
711	48	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000027	15.88	NJ 27	12141103	0.00	Plum Street	3	0	0	0	3	0	32.54	3.00	YES	County	397	88%	38%
770	49	NJTPA	MIDDLESEX	METUCHEN BORO	00000531	1.86	ROUTE 5																

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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
	AND	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
	OR	intersection	At Intersection	= 'Y'	Y - Yes
Safety Voyager Accidents Table	OR	crash_type	Crash Type	= '13'	13 - Pedestrian
	OR	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

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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	-

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

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

EJ Area Thresholds	
Minority %	≥
Low-Income %	≥

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	Route Name	SRI	Milepost	Route Name	Total Crashes	K	A									B	C
1295	79	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12006613	8.00	MIDDLESEX COUNTY 613	12006617	0.89	Rydors Lane	1	0	0	1	0	0	17.20	1.59	NO	County	1,091	44%	12%
1295	79	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12006613_5	1.10	MIDDLESEX COUNTY 613 SECONDARY	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	NO	County	1,488	42%	15%
1295	79	NJTPA	MIDDLESEX	WOODBRIDGE TWP	00000514	35.00	ROUTE 514	12006652	0.98	Berry Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	563	78%	38%
1295	79	NJTPA	MIDDLESEX	CARTERET BORO	12000604	9.97	MIDDLESEX COUNTY 604	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	County	1,135	90%	49%
1295	79	NJTPA	MIDDLESEX	PISCATAWAY TWP	00000529	5.70	ROUTE 529	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	County	445	96%	35%
1295	79	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000027	15.44	NJ 27	12141081	0.07	Florence Street	1	0	0	1	0	0	17.20	1.59	YES	County	1,292	93%	84%
1295	79	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161092	0.37	WASHINGTON ST	12161089	0.55	Penn Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	996	98%	67%
1295	79	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	00000535	24.98	ROUTE 535	12041217	0.00	Merrill Avenue	1	0	0	1	0	0	17.20	1.59	YES	County	1,488	50%	15%
1295	79	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091753	0.00	NIKKI CT	12091752	0.12	Veronica Court	1	0	0	1	0	0	17.20	1.59	YES	Municipal	1,390	34%	38%
1295	79	NJTPA	MIDDLESEX	SAYREVILLE BORO	00000535	30.50	ROUTE 535	1200673	0.00	Ernston Road	1	0	0	1	0	0	17.20	1.59	YES	County	975	84%	43%
1295	79	NJTPA	MIDDLESEX	WOODBRIDGE TWP	201312451	0.28	RANDOLPH AVE	00000514	37.81	Rahway Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	898	99%	59%
1295	79	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141027	0.00	HANDY ST	12141210	0.30	Nichol Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	315	97%	87%
1295	79	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12006653	0.00	MIDDLESEX COUNTY 653	12006616	2.39	New Brunswick Avenue	1	0	0	1	0	0	17.20	1.59	YES	County	996	98%	67%
1295	79	NJTPA	MIDDLESEX	SAYREVILLE BORO	00000535	29.76	ROUTE 535	12191443	0.00	Lakeview Drive	1	0	0	1	0	0	17.20	1.59	YES	County	1,008	98%	43%
1295	79	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141290	0.00	ZEBRA WAY	12141158	0.00	Oliver Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	1,300	96%	84%
1295	79	NJTPA	MIDDLESEX	SOUTH RIVER BORO	00000527	41.90	ROUTE 527	12041398	0.31	West Amherst Road	1	0	0	1	0	0	17.20	1.59	YES	County	905	57%	37%
1295	79	NJTPA	MIDDLESEX	JAMESBURG BORO	00000522	9.72	ROUTE 522	12131039	0.00	Grace Hill Road	1	0	0	1	0	0	17.20	1.59	YES	County	495	52%	27%
1295	79	NJTPA	MIDDLESEX	EDISON TWP	12102054	1.50	GROVE AVE	12051993	0.00	Turner Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	810	66%	12%
1295	79	NJTPA	MIDDLESEX	WOODBRIDGE TWP	00000501	6.87	ROUTE 501	12251142	0.00	Liberty Street	1	0	0	1	0	0	17.20	1.59	YES	County	665	78%	35%
1295	79	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171500	0.40	BIRCHRUN DR	12171502	0.00	Sewell Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	445	93%	41%
1295	79	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	00000509	0.10	ROUTE 509	20201016	0.06	Prospect Street	1	0	0	1	0	0	17.20	1.59	YES	County	749	86%	49%
1295	79	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141218	0.25	SOMERSET ST	12141193	0.13	Alexander Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	397	93%	88%
1295	79	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000027	16.51	NJ 27	12141073_5	0.00	N/A	1	0	0	1	0	0	17.20	1.59	YES	Municipal	315	91%	88%
1295	79	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000172	0.20	NJ 172	12141210	0.55	Nichol Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	315	97%	87%
1295	79	NJTPA	MIDDLESEX	SAYREVILLE BORO	12191216	0.00	ROBINHOOD LN	1200670	4.10	Main Street	1	0	0	1	0	0	17.20	1.59	YES	County	975	43%	38%
1295	79	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000655	0.18	MIDDLESEX COUNTY 655	12161046	0.76	Brace Avenue	1	0	0	1	0	0	17.20	1.59	YES	County	997	93%	67%
1295	79	NJTPA	MIDDLESEX	PISCATAWAY TWP	12006609	2.41	MIDDLESEX COUNTY 609	12006674	0.00	N/A	1	0	0	1	0	0	17.20	1.59	YES	County	1,249	88%	33%
1295	79	NJTPA	MIDDLESEX	EDISON TWP	12051007	1.34	OLD POST RD	00000001	30.54	Herbert Highway	1	0	0	1	0	0	17.20	1.59	YES	Municipal	680	76%	51%
1295	79	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12041247	0.00	UNIVERSITY RD	12121706	1.54	Tices Lane	1	0	0	1	0	0	17.20	1.59	YES	Municipal	905	74%	72%
1295	79	NJTPA	MIDDLESEX	WOODBRIDGE TWP	120066021	5.07	MIDDLESEX COUNTY 602 I	12251691	0.00	Jordan Road	1	0	0	1	0	0	17.20	1.59	YES	County	709	59%	13%
1295	79	NJTPA	MIDDLESEX	DUNELLEN BORO	00000529	7.59	ROUTE 529	12031025	0.31	Front Street	1	0	0	1	0	0	17.20	1.59	YES	County	996	99%	44%
1295	79	NJTPA	MIDDLESEX	WOODBRIDGE TWP	12251364	0.50	N/A	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	Municipal	987	75%	38%
1295	79	NJTPA	MIDDLESEX	WOODBRIDGE TWP	12000655	1.70	MIDDLESEX COUNTY 655	00000035	54.08	Amboy Avenue	1	0	0	1	0	0	17.20	1.59	YES	County	566	93%	50%
1295	79	NJTPA	MIDDLESEX	CARTERET BORO	12000604	10.37	MIDDLESEX COUNTY 604	12011085	0.00	Cypress Street	1	0	0	1	0	0	17.20	1.59	YES	County	539	84%	49%
1295	79	NJTPA	MIDDLESEX	MONROE TWP	00000522	8.91	ROUTE 522	12006612	2.36	Pergola Avenue	1	0	0	1	0	0	17.20	1.59	YES	County	495	52%	27%
1295	79	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141220	0.39	COLLEGE AVE	12141109	0.00	Bartlett Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	397	91%	88%
1295	79	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000527	46.37	ROUTE 527	12141055	0.16	Hildebrand Street	1	0	0	1	0	0	17.20	1.59	YES	County	315	97%	87%
1295	79	NJTPA	MIDDLESEX	WOODBRIDGE TWP	00000501	6.76	ROUTE 501	12251110	0.00	South Elm Street	1	0	0	1	0	0	17.20	1.59	YES	County	665	78%	35%
1295	79	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	18081814	0.04	SOMERSET ST	18081321	0.36	Kossuth Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	1,292	93%	84%
1295	79	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	12071028	0.60	S 5TH AV	12071049	0.55	Magnolia Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	687	85%	44%
1295	79	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000027	16.10	NJ 27	12141217	0.48	Joyce Kilmer Avenue	1	0	0	1	0	0	17.20	1.59	YES	County	315	96%	88%
1295	79	NJTPA	MIDDLESEX	OLD BRIDGE TWP	00000527	37.28	ROUTE 527	12091179	0.00	Lenox Avenue	1	0	0	1	0	0	17.20	1.59	NO	County	705	39%	13%
1295	79	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171329	0.00	WEBSTER AVE	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	Municipal	782	66%	34%
1295	79	NJTPA	MIDDLESEX	EDISON TWP	00000529	0.54	ROUTE 529	12051224	0.18	Putnam Avenue	1	0	0	1	0	0	17.20	1.5					

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian Intersection List (2016-2020 Crashes)

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

Print Date: Friday, November 3, 2023

Delivery Date: August 10, 2023

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	
	crash_type	Crash Type	= 'Y'	Y - Yes	
OR	ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved	
	cyclist_involved	Cyclist Involved	= 0 OR IS NULL	No 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	-

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

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

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

Rank (ePDO)	County Rank (ePDO)	MPO	County	Municipality	SRI	Milepost	Major Route		SRI	Milepost	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)		
							Route Name	Route Name			Route Name	Route Name	Total Crashes	K	A	B	C									O	
1295	79	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	0000027	16.40		0000027	16.40		0000027		1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	315	91%	38%
1295	79	NJTPA	MIDDLESEX	EDISON TWP	0000027	18.50		0000027	18.50		0000027		1	0	0	1	0	0	0	17.20	1.59	YES	YES	N.J.D.O.T.	687	68%	34%
1295	79	NJTPA	MIDDLESEX	WOODBIDGE TWP	0000054	34.58		0000054	34.58		0000054		1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	661	87%	38%
1295	79	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141227	0.00		12141227	0.00		12141227		1	0	0	1	0	0	0	17.20	1.59	YES	NO	Municipal	1,090	97%	84%
1295	79	NJTPA	MIDDLESEX	OLD BRIDGE TWP	00000516	2.80		00000516	2.80		00000516		1	0	0	1	0	0	0	17.20	1.59	YES	NO	County	1,069	51%	25%
1295	79	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141188	0.00		12141188	0.00		12141188		1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	716	80%	74%
1295	79	NJTPA	MIDDLESEX	CARTERET BORO	12011082_5	1.10		12011082_5	1.10		12011082_5		1	0	0	1	0	0	0	17.20	1.59	YES	YES	N/A	539	90%	49%
2344	194	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000527	47.20		00000527	47.20		00000527		2	0	0	1	1	1	1	11.85	1.00	YES	YES	County	397	91%	88%
2344	194	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000656	3.07		12000656	3.07		12000656		2	0	0	0	1	1	1	11.85	1.00	YES	YES	County	996	93%	67%
2344	194	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000527	46.20		00000527	46.20		00000527		2	0	0	0	1	1	1	11.85	1.00	YES	YES	County	315	97%	87%
2344	194	NJTPA	MIDDLESEX	EDISON TWP	00000531	3.22		00000531	3.22		00000531		2	0	0	0	1	1	1	11.85	1.00	YES	YES	County	644	71%	12%
2344	194	NJTPA	MIDDLESEX	CARTERET BORO	12000604	9.44		12000604	9.44		12000604		2	0	0	0	1	1	1	11.85	1.00	YES	YES	County	539	90%	45%
2344	194	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12000691	0.90		12000691	0.90		12000691		2	0	0	0	1	1	1	11.85	1.00	YES	NO	County	1,016	97%	87%
2344	194	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000611	0.80		12000611	0.80		12000611		2	0	0	0	1	1	1	11.85	1.00	YES	YES	County	996	98%	69%
2432	201	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161086	0.00		12161086	0.00		12161086		1	0	0	0	1	0	0	10.85	1.00	YES	YES	Municipal	566	98%	69%
2432	201	NJTPA	MIDDLESEX	WOODBIDGE TWP	0000027	25.10		0000027	25.10		0000027		1	0	0	0	1	0	0	10.85	1.00	YES	YES	N.J.D.O.T.	677	47%	47%
2432	201	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	0000027	16.90		0000027	16.90		0000027		1	0	0	0	1	0	0	10.85	1.00	YES	YES	N.J.D.O.T.	315	71%	54%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141022	0.40		12141022	0.40		12141022		1	0	0	0	1	0	0	10.85	1.00	YES	YES	Municipal	913	97%	87%
2432	201	NJTPA	MIDDLESEX	EDISON TWP	00000514_W	14.60		00000514_W	14.60		00000514_W		1	0	0	0	1	0	0	10.85	1.00	YES	YES	N/A	680	76%	55%
2432	201	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000656	3.30		12000656	3.30		12000656		1	0	0	0	1	0	0	10.85	1.00	YES	YES	County	996	98%	67%
2432	201	NJTPA	MIDDLESEX	EDISON TWP	12051015	0.00		12051015	0.00		12051015		1	0	0	0	1	0	0	10.85	1.00	YES	YES	Municipal	846	64%	15%
2432	201	NJTPA	MIDDLESEX	PERTH AMBOY CITY	00000035	52.80		00000035	52.80		00000035		1	0	0	0	1	0	0	10.85	1.00	YES	YES	N.J.D.O.T.	950	93%	67%
2432	201	NJTPA	MIDDLESEX	OLD BRIDGE TWP	00000516	1.84		00000516	1.84		00000516		1	0	0	0	1	0	0	10.85	1.00	YES	NO	Municipal	1,069	51%	24%
2432	201	NJTPA	MIDDLESEX	METUCHEN BORO	12101166	0.00		12101166	0.00		12101166		1	0	0	0	1	0	0	10.85	1.00	YES	YES	Municipal	810	58%	31%
2432	201	NJTPA	MIDDLESEX	SAYREVILLE BORO	12191363	0.00		12191363	0.00		12191363		1	0	0	0	1	0	0	10.85	1.00	YES	NO	Municipal	1,085	82%	27%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000172	0.00		00000172	0.00		00000172		1	0	0	0	1	0	0	10.85	1.00	YES	YES	N.J.D.O.T.	315	97%	87%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000527	46.53		00000527	46.53		00000527		1	0	0	0	1	0	0	10.85	1.00	YES	YES	Municipal	315	97%	88%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141030	0.70		12141030	0.70		12141030		1	0	0	0	1	0	0	10.85	1.00	YES	YES	Municipal	315	97%	87%
2432	201	NJTPA	MIDDLESEX	EDISON TWP	00000514	32.03		00000514	32.03		00000514		1	0	0	0	1	0	0	10.85	1.00	YES	YES	County	665	76%	35%
2432	201	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12000608	0.65		12000608	0.65		12000608		1	0	0	0	1	0	0	10.85	1.00	YES	YES	County	726	85%	18%
2432	201	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12151130	0.00		12151130	0.00		12151130		1	0	0	0	1	0	0	10.85	1.00	YES	YES	Municipal	570	92%	45%
2432	201	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	12071063	0.20		12071063	0.20		12071063		1	0	0	0	1	0	0	10.85	1.00	YES	YES	Municipal	687	85%	44%
2432	201	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161145	0.10		12161145	0.10		12161145		1	0	0	0	1	0	0	10.85	1.00	YES	YES	Municipal	996	98%	69%
2432	201	NJTPA	MIDDLESEX	EDISON TWP	00000529	0.00		00000529	0.00		00000529		1	0	0	0	1	0	0	10.85	1.00	YES	YES	County	774	85%	55%
2432	201	NJTPA	MIDDLESEX	SAYREVILLE BORO	12000670	2.82		12000670	2.82		12000670		1	0	0	0	1	0	0	10.85	1.00	YES	NO	County	1,714	84%	43%
2432	201	NJTPA	MIDDLESEX	CARTERET BORO	120006022	0.92		120006022	0.92		120006022		1	0	0	0	1	0	0	10.85	1.00	YES	YES	County	995	84%	36%
2432	201	NJTPA	MIDDLESEX	WOODBIDGE TWP	12000604	3.15		12000604	3.15		12000604		1	0	0	0	1	0	0	10.85	1.00	YES	YES	County	865	100%	47%
2432	201	NJTPA	MIDDLESEX	EDISON TWP	12051175	0.06		12051175	0.06		12051175		1	0	0	0	1	0	0	10.85	1.00	YES	YES	Municipal	774	98%	50%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000514	24.50		00000514	24.50		00000514		1	0	0	0	1	0	0	10.85	1.00	YES	YES	Municipal	397	91%	88%
2432	201	NJTPA	MIDDLESEX	EDISON TWP	12000604	0.76		12000604	0.76		12000604		1	0	0	0	1	0	0	10.85	1.00	YES	YES	County	869	91%	22%
2432	201	NJTPA</																									

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian Intersection List (2016-2020 Crashes)

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

Print Date: Friday, November 3, 2023

Delivery Date: August 10, 2023

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 At Intersection	IN ('05', '06', '07', '08') = 'Y'	05 - County; 06 - County Authority; 07 - Municipal; 08 - Municipal Authority Park or Institution
		crash_type	Crash Type	= '13'	13 - Pedestrian
OR	ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved	
	cyclist_involved	Cyclist Involved	= 0 OR IS NULL	No pedacyclist involved	

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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	-

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

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

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	EIScreen - Census Block Group Population (Lowest Value)	EIScreen - Minority % (Highest Value)	EIScreen - Low-Income % (Highest Value)	
					SRI	Milepost	Route Name	SRI	Milepost	Route Name	Total Crashes	K	A	B	C									O
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141214	0.15	COURTLAND ST	12141095	0.05	Duke Street	1	0	0	0	1	0	10.85	1.00	YES		Municipal	397	91%	88%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141218	0.24	SOMERSET ST	12141193	0.13	Alexander Street	1	0	0	0	1	0	10.85	1.00	YES		Municipal	397	93%	88%
2432	201	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161190	0.00	GOODWIN ST	12000624	0.40	Fayette Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	996	98%	67%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141011	0.20	N/A	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	507	93%	84%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12151263	0.97	REMSEN AVE	12141027	0.42	Handy Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	315	97%	87%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141188	0.10	NEW BRUNSWICK CITY	12141186	0.38	Phelps Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	716	80%	74%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12000693	0.80	MIDDLESEX COUNTY 693	12141083	0.13	Sandford Street	1	0	0	0	1	0	10.85	1.00	YES	NO	County	1,090	96%	84%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141218	0.34	NEW BRUNSWICK CITY	12141214	0.54	Louis Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	397	93%	88%
2432	201	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161165	0.48	PERTH AMBOY CITY	12000624	0.40	Fayette Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	996	98%	67%
2432	201	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12151289	0.10	NORTH BRUNSWICK TWP	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	NO	Municipal	1,793	79%	18%
2432	201	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000611	0.12	PERTH AMBOY CITY	12000658	0.72	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	County	722	98%	65%
2432	201	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161175	0.20	PERTH AMBOY CITY	12161165	0.78	Fayette Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	996	98%	67%
2432	201	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161142	0.00	PERTH AMBOY CITY	12161081	0.61	Hall Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	996	98%	69%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141075	0.00	NEW BRUNSWICK CITY	12141219	0.27	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	397	91%	88%
2432	201	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	00000531	6.41	SOUTH PLAINFIELD BORO	12000602	1.11	Maple Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	749	86%	71%
2432	201	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161129	0.00	PERTH AMBOY CITY	12000611	0.47	Williams St	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	996	98%	69%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000527	46.40	NEW BRUNSWICK CITY	12141055	0.16	Hidebrand Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	315	97%	87%
2432	201	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	00000514	26.50	HIGHLAND PARK BORO	12000676	0.25	Duclos Lane	1	0	0	0	1	0	10.85	1.00	YES	YES	County	687	85%	44%
2432	201	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12151289	0.30	NORTH BRUNSWICK TWP	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	NO	Municipal	1,793	79%	18%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141212	0.11	NEW BRUNSWICK CITY	12141035	0.50	Lee Avenue	1	0	0	0	1	0	10.85	1.00	YES	NO	Municipal	1,016	97%	87%
2432	201	NJTPA	MIDDLESEX	SOUTH RIVER BORO	120006753	0.00	SOUTH RIVER BORO	00000535	26.51	Main Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	600	66%	46%
2432	201	NJTPA	MIDDLESEX	EDISON TWP	12051747	0.00	EDISON TWP	12051007	1.16	Vinyard Road	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	911	76%	51%
2432	201	NJTPA	MIDDLESEX	EDISON TWP	00000529	1.91	EDISON TWP	12051332	0.00	Brunswick Avenue	1	0	0	0	1	0	10.85	1.00	YES	NO	County	1,443	98%	50%
2432	201	NJTPA	MIDDLESEX	EDISON TWP	120006593	0.00	EDISON TWP	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	NO	Municipal	N/A	N/A	N/A
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141033	0.20	NEW BRUNSWICK CITY	12141217	0.15	Joyce Kilmer Avenue	1	0	0	0	1	0	10.85	1.00	YES	NO	Municipal	315	97%	88%
2432	201	NJTPA	MIDDLESEX	METUCHEN BORO	00000531	1.70	METUCHEN BORO	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	County	846	58%	21%
2432	201	NJTPA	MIDDLESEX	METUCHEN BORO	00000531	2.30	METUCHEN BORO	12101197	0.28	West Chesnut Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	644	69%	12%
2432	201	NJTPA	MIDDLESEX	PISCATAWAY TWP	12000601	1.66	PISCATAWAY TWP	12000605	0.00	Clinton Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	928	100%	67%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000527	46.43	NEW BRUNSWICK CITY	12141216	0.36	New Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	315	97%	87%
2432	201	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000656	2.82	PERTH AMBOY CITY	12161179	0.18	Stockton Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	996	93%	67%
2432	201	NJTPA	MIDDLESEX	SOUTH RIVER BORO	12000677	3.28	SOUTH RIVER BORO	12231125	0.00	Thomas Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	600	66%	46%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000527	47.40	NEW BRUNSWICK CITY	12141222	0.00	Morrill Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	397	93%	88%
2432	201	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000616	2.28	PERTH AMBOY CITY	12161121	0.00	Ogden Place	1	0	0	0	1	0	10.85	1.00	YES	YES	County	996	98%	67%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12151263	1.07	NEW BRUNSWICK CITY	00000171	2.29	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	315	97%	87%
2432	201	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000656	3.34	PERTH AMBOY CITY	12161161	0.64	Hobart Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	996	98%	67%
2432	201	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000656	2.91	PERTH AMBOY CITY	12161177	0.12	Watson Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	996	93%	67%
2432	201	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12151289	0.70	NORTH BRUNSWICK TWP	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	726	80%	18%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141070	0.24	NEW BRUNSWICK CITY	12141231	0.05	Neilson Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	315	96%	88%
2432	201	NJTPA	MIDDLESEX	EDISON TWP	12051586	0.80	EDISON TWP	12051600	0.00	Bank Place	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	901	100%	25%
2432	201	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161092	0.20	PERTH AMBOY CITY	12000653	0.08	Amboy Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	996	98%	67%
2432	201	NJTPA	MIDDLESEX	WOODBRIEGE TWP	12000604	3.47	WOODBRIEGE TWP	12251803	0.17	Correja Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	637	94%	47%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141062	0.30	NEW BRUNSWICK CITY	12141216	0.20	Drift St	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	315	97%	88%
2432	201	NJTPA	MIDDLESEX	CARTERET BORO	120006022	1.24	CARTERET BORO	12011001	0.00	Post Boulevard	1	0	0	0	1	0	10.85	1.00	YES	YES	County	838	84%	36%
2432	201	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	00000027	17.40	HIGHLAND PARK BORO	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	N.J.D.O.T.	687	76%	44%
2432	201	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161165	1.05	PERTH AMBOY CITY	12161162	0.01	Madison Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	722	98%	67%
2432	201	NJTPA	MIDDLESEX	WOODBRIEGE TWP	12252018	2.24	WOODBRIEGE TWP	12251492	0.00	Englehard Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	995	70%	36%
2432	201	NJTPA	MIDDLESEX	EDISON TWP	00000509	0.76	EDISON TWP	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	772	86%	11%
2432	201	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000027	16.25	NEW BRUNSWICK CITY	12141068	0.00	Spring Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	995	315	88%
2432	201	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091339	0.00	OLD BRIDGE TWP	12091338	0.04	Ravine Avenue	1	0	0	0	1	0	10.85	1.00	YES					

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian Intersection List (2016-2020 Crashes)

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

Print Date: Friday, November 3, 2023

Delivery Date: August 10, 2023

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	
	OR	ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
	cyclist_involved	Cyclist Involved	= 0 OR IS NULL	No 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	-

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

$$eC_{TOTAL} = [K]*[eC_K] + [A]*[eC_A] + [B]*[eC_B] + [C]*[eC_C] + [PDO]*[0]$$

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

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	Route Name	SRI	Milepost	Route Name	Total Crashes	K	A	B									C	O
4470	336	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141067	0.30	JOYCE KILLMER AVE	12141005	0.00	Sixth Street	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	507	93%	84%
4470	336	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12000613	8.57	MIDDLESEX COUNTY 613	12041427	0.00	Racetrack Road	1	0	0	0	0	1	1.00	0.00	YES	YES	County	770	41%	57%
4470	336	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	12221340	0.25	OAK TREE RD	12221017	0.39	Putnam Avenue	1	0	0	0	0	1	1.00	0.00	YES	NO	Municipal	1,200	82%	17%
4470	336	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141218	0.47	SOMERSET ST	12141103	0.09	Plum Street	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	397	93%	88%
4470	336	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000514	24.28	ROUTE 514	12141104	0.13	Hardingberg Street	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	397	91%	88%