

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)

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
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
		at_intersection	At Intersection	= 'Y'	Y - Yes
Safety Voyager Accidents Table	OR	crash_type	Crash Type	IN ('13', '14')	13 - Pedestrian; 14 - Pedalcyclist
		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
Safety Voyager Accidents Table	OR	cyclist_involved	Cyclist Involved	> 0	At least one pedalcyclist 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	\$240,666	17.1973	1.5854
Possible Injury	C	\$157,482	10.8476	1.0000
Property Damage Only	O	\$14,518	1.0000	-

$$ePDO_{Total} = (K)^n(ePDO_A)^m(ePDO_B)^p(ePDO_C)^q(ePDO_O)^r(PDO)^s(ePDO_{adj})$$

$$eC_{Total} = (K)^n(eC_A)^m(eC_B)^p(eC_C)^q(eC_O)^r(PDO)^s$$

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

Rank (ePDO)	County Rank (ePDO)	MPO	County	Municipality	SRI	Milepost	Route Name	SRI	Milepost	Route Name	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)
											Total Crashes	K	A	B	C	O								
97	1	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12006581	0.40	MIDDLESEX COUNTY 658 I	12161185	0.00	Maad Street	6	0	1	1	4	0	117.51	10.83	YES	YES	996	97%	67%	
19	2	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141213	0.20	HANDY ST	12141062	0.00	Drift Street	3	0	1	0	0	0	78.61	7.25	YES	NO	1015	97%	87%	
120	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	NO	1069	51%	24%	
120	3	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000611	0.22	MIDDLESEX COUNTY 611	12161227	0.28	N/A	2	0	1	1	0	0	74.11	6.83	YES	NO	722	98%	65%	
179	5	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	YES	315	96%	88%	
179	5	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161165	0.78	FAYETTE ST	12161175	0.24	Oak Street	2	0	1	0	1	0	67.76	6.25	YES	YES	996	98%	67%	
179	5	NJTPA	MIDDLESEX	METUCHEN BORO	12006660	0.52	MIDDLESEX COUNTY 660	12102054	0.00	Grove Avenue	2	0	1	0	1	0	67.76	6.25	YES	YES	809	75%	27%	
247	8	NJTPA	MIDDLESEX	METUCHEN BORO	00000531	1.80	ROUTE 531	12101165	0.00	Penn Avenue	2	0	0	3	0	0	62.44	5.76	YES	YES	946	58%	94%	
266	9	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	1200622	0.60	MIDDLESEX COUNTY 622	12000807	0.00	Cedar Lane	2	0	1	0	0	1	57.92	5.25	YES	YES	800	71%	54%	
281	10	NJTPA	MIDDLESEX	SAYREVILLE BORO	1200670	3.15	MIDDLESEX COUNTY 670	12191160	0.10	Crossman Road	1	0	1	0	0	0	56.92	5.25	YES	NO	1379	84%	43%	
281	10	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12006611	1.17	MIDDLESEX COUNTY 611	12161138	0.16	Pulaski Avenue	1	0	1	0	0	0	56.92	5.25	YES	YES	956	98%	69%	
281	10	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	YES	315	91%	88%	
281	10	NJTPA	MIDDLESEX	PLAINSBORO TWP	12181099	0.00	DEER CREEK RD	12181039	3.26	Plainboro Road	1	0	1	0	0	0	56.92	5.25	YES	YES	913	86%	27%	
281	10	NJTPA	MIDDLESEX	SAYREVILLE BORO	00000535	29.10	ROUTE 535	12191124	0.19	Lena Street	1	0	1	0	0	0	56.92	5.25	YES	NO	1008	84%	43%	
281	10	NJTPA	MIDDLESEX	WOODBIDGE TWP	12006604	4.29	MIDDLESEX COUNTY 604	12251879	0.55	Elizabeth Avenue	1	0	1	0	0	0	56.92	5.25	YES	YES	637	94%	47%	
281	10	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	NO	1570	26%	5%	
281	10	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12006656	2.54	MIDDLESEX COUNTY 656	12161195	0.12	Silver Street	1	0	1	0	0	0	56.92	5.25	YES	NO	1319	93%	67%	
281	10	NJTPA	MIDDLESEX	WOODBIDGE TWP	12006604	4.02	WOODBIDGE TWP	12251581	0.47	Benjamin Avenue	1	0	1	0	0	0	56.92	5.25	YES	YES	637	94%	47%	
281	10	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12006691	0.35	MIDDLESEX COUNTY 691	12141013	0.22	Ellen Street	1	0	1	0	0	0	56.92	5.25	YES	YES	996	97%	84%	
281	10	NJTPA	MIDDLESEX	SAYREVILLE BORO	12191052	0.10	SAYREVILLE BORO	12191057	0.08	DANE ST	1	0	1	0	0	0	56.92	5.25	YES	YES	620	77%	36%	
281	10	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	12006647	2.30	MIDDLESEX COUNTY 647	12171280	0.01	Cedarwood Drive	1	0	1	0	0	0	56.92	5.25	YES	YES	928	98%	67%	
281	10	NJTPA	MIDDLESEX	SAYREVILLE BORO	12006615	22.92	MIDDLESEX COUNTY 615	12191266	0.00	Merritt Avenue	1	1	0	0	0	0	56.92	5.25	YES	YES	573	42%	38%	
281	10	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	12221186	0.00	N/A	WOOD ST	N/A	N/A	1	0	1	0	0	0	56.92	5.25	YES	YES	867	94%	67%	
281	10	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12006617	1.58	MIDDLESEX COUNTY 617	12041778	0.07	Winton Road	1	0	1	0	0	0	56.92	5.25	NO	NO	1091	44%	15%	
281	10	NJTPA	MIDDLESEX	PLAINSBORO TWP	12181039	3.05	PLAINSBORO-CRANBURY RD	N/A	N/A	N/A	1	1	0	0	0	0	56.92	5.25	YES	YES	913	86%	27%	
281	10	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161165	0.21	FAYETTES ST	12161166	0.00	FAYETTES ST	1	0	1	0	0	0	56.92	5.25	YES	YES	996	96%	67%	
281	10	NJTPA	MIDDLESEX	MONROE TWP	12006612	0.63	MIDDLESEX COUNTY 612	12000518	0.00	Applegate Road	1	1	0	0	0	0	56.92	5.25	YES	YES	738	52%	34%	
281	10	NJTPA	MIDDLESEX	EDISON TWP	12051747	0.56	OLD POST RD	12051148	0.00	Woodledge Avenue	1	0	1	0	0	0	56.92	5.25	YES	YES	793	65%	51%	
281	10	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12041232	0.00	GREEN ACRES AV	12041217	0.40	Merrill Avenue	1	1	0	0	0	0	56.92	5.25	YES	YES	905	50%	15%	
281	10	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	12211880	0.93	BECKMAN RD	12211552	0.38	Dickinson Road	1	0	1	0	0	0	56.92	5.25	YES	NO	2087	71%	21%	
281	10	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12006691	0.94	MIDDLESEX COUNTY 691	12141032	0.33	Baldwin Street	1	1	0	0	0	0	56.92	5.25	YES	YES	1016	97%	87%	
281	10	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12006691	1.20	N/A	00000171	2.66	N/A	1	0	0	0	0	0	56.92	5.25	YES	YES	315	97%	87%	
281	10	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12006691	0.65	MIDDLESEX COUNTY 691	12141019	0.22	Stratford Place	1	0	1	0	0	0	56.92	5.25	YES	NO	1355	84%	17%	
281	10	NJTPA	MIDDLESEX	WOODBIDGE TWP	12006616	0.37	MIDDLESEX COUNTY 616	12251133	0.00	William Street	1	0	1	0	0	0	56.92	5.25	YES	YES	665	76%	35%	
281	10	NJTPA	MIDDLESEX	SAYREVILLE BORO	1200670	1.42	MIDDLESEX COUNTY 670	12191110	0.00	Pulaski Avenue	1	1	0	0	0	0	56.92	5.25	YES	YES	786	77%	36%	
613	36	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12006656	3.29	MIDDLESEX COUNTY 656	12161162	0.14	Madison Avenue	3	0	0	3	0	0	51.59	4.76	YES	YES	996	98%	67%	
613	36	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000027	15.60	NJ 27	12141225	0.00	Baldwin Street	3	0	0	3	0	0	51.59	4.76	YES	YES	397	93%	84%	
650	38	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	YES	397	91%	88%	
650	38	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141217	0.10	JOYCE KILMER AVE	12141214	0.27	Snyder Street	3	0	0	2	1	0	45.24	4.17	YES	YES	315	87%	34%	
650	39	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	00000509	0.06	PROSPER ST	20201016	0.06	Prospect Street	3	0	0	2	1	0	45.24	4.17	YES	YES	749	86%	49%	
654	39	NJTPA	MIDDLESEX	EDISON TWP	12006604	2.96	MIDDLESEX COUNTY 604	12006649	1.12	Wood Avenue	3	0	0	2	1	0	45.24	4.17	YES	YES	865	100%	47%	
654	39	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161122	0.00	CENTER ST	12006611	0.17	State Street	3	0	0	2	1	0	45.24	4.17	YES	YES	722	98%	65%	
654	39	NJTPA	MIDDLESEX	METUCHEN BORO	00000501	4.40	ROUTE 501	12101088	0.11	Goodwill Place	3	0	0	2	1	0	45.24	4.17	YES	YES	809	75%	27%	
654	39	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12006656	3.57	MIDDLESEX COUNTY 656	12161150	0.64	High Street	3	0	0	2	1	0	45.24	4.17	YES	YES	996	98%	67%	
45	45	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161093	0.30	WASHINGTON ST	12161088	0.00	Johnson Street	2	0												

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	road_sys_code	Road System	IN ('05', '06', '07', '08')	05 - County; 06 - County Authority; 07 - Municipal; 08 - Municipal Authority Park or Institution	
	at_intersection	At Intersection	= 'Y'	Y - Yes	
OR	crash_type	Crash Type	IN ('13', '14')	13 - Pedestrian; 14 - Pedalcyclist	
	ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved	
		cyclist_involved	Cyclist Involved	> 0	At least one pedalcyclist involved

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Incapacitating Injury	A	\$826,309	56.9173	5.2470
Non-incapacitating Injury	B	\$240,666	17.1573	1.5854
Possible Injury	C	\$157,482	10.8476	1.0000
Property Damage Only	O	\$14,518	1.0000	-

$$ePDO_{TOTAL} = (K) * [ePDO_A * H(A)] + [ePDO_B * H(B)] + [ePDO_C * H(C)] + [ePDO_O * H(O)]$$

$$eC_{TOTAL} = (K) * [eC_A * H(A)] + [eC_B * H(B)] + [eC_C * H(C)] + [eC_O * H(O)]$$

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

Rank (ePDO)	County Rank (ePDO)	MPO	County	Municipality	SRI	Milepost	Major Route		Route Name	SRI	Milepost	Route Name	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)	
							Total	K					A	B	C	O											
1746	108	NJTPA	MIDDLESEX	WOODBRIE TWP	0000501	6.76	ROUTE 501	12251110	0.00			South Elm Street	1	0	0	1	0	0	0	17.20	1.59	YES	YES	County	665	78%	35%
1746	108	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	0000509	0.10	ROUTE 509	20201016	0.06			Prospect Street	1	0	0	1	0	0	0	17.20	1.59	YES	YES	County	749	80%	49%
1746	108	NJTPA	MIDDLESEX	WOODBRIE TWP	12000650	3.50	MIDDLESEX COUNTY 650	12251455	0.05			Wolfe Place	1	0	0	1	0	0	0	17.20	1.59	YES	YES	N/A	558	77%	43%
1746	108	NJTPA	MIDDLESEX	WOODBRIE TWP	12000650	0.10	MIDDLESEX COUNTY 650	12251792	0.00			Vernam Avenue	1	0	0	1	0	0	0	17.20	1.59	YES	YES	N/A	637	94%	47%
1746	108	NJTPA	MIDDLESEX	PISCATAWAY TWP	12000674	0.20	MIDDLESEX COUNTY 674	N/A	N/A			N/A	1	0	0	1	0	0	0	17.20	1.59	NO	NO	N/A	558	77%	43%
1746	108	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000655	1.70	MIDDLESEX COUNTY 655	00000035	54.08			Amboy Avenue	1	0	0	1	0	0	0	17.20	1.59	YES	YES	County	566	93%	50%
1746	108	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161061	0.30	HALL AVE	12161087	0.19			Jacques Street	1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	988	98%	69%
1746	108	NJTPA	MIDDLESEX	SAVREVILLE BORO	0000535	29.76	ROUTE 535	12191483	0.00			Lakeview Drive	1	0	0	1	0	0	0	17.20	1.59	YES	YES	County	1298	84%	43%
1746	108	NJTPA	MIDDLESEX	EDISON TWP	12052043	0.20	N/A	N/A	N/A			GROVE AVE	1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	857	91%	24%
1746	108	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141021	0.20	DELANAV ST	12000691	0.73			Livingston Avenue	1	0	0	1	0	0	0	17.20	1.59	YES	NO	Municipal	1,016	97%	87%
1746	108	NJTPA	MIDDLESEX	SPOTSWOOD BORO	12000613	5.60	MIDDLESEX COUNTY 613	N/A	N/A			N/A	1	0	0	1	0	0	0	17.20	1.59	YES	YES	County	780	44%	26%
1746	108	NJTPA	MIDDLESEX	EDISON TWP	12051007	1.34	OLD POST RD	00000001	30.54			Herbert Highway	1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	680	76%	51%
1746	108	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000653	0.84	MIDDLESEX COUNTY 653	12161097	0.45			Keene Street	1	0	0	1	0	0	0	17.20	1.59	YES	YES	County	566	96%	69%
1746	108	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141108	0.00	RAY ST	00000527	47.47			Easton Avenue	1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	397	89%	38%
1746	108	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161090	0.20	WEST SIDE AV	12161080	0.35			Jefferies Street	1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	996	98%	69%
1746	108	NJTPA	MIDDLESEX	EDISON TWP	0000529	1.40	ROUTE 529	12051175	0.00			Central Avenue	1	0	0	1	0	0	0	17.20	1.59	YES	YES	County	774	98%	50%
1746	108	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000653	0.00	MIDDLESEX COUNTY 653	12000616	2.39			New Brunswick Avenue	1	0	0	1	0	0	0	17.20	1.59	YES	YES	County	996	98%	67%
1746	108	NJTPA	MIDDLESEX	EDISON TWP	12051145	0.40	FINLEY RD	12051066	0.05			Winthrop Road	1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	564	79%	28%
1746	108	NJTPA	MIDDLESEX	PISCATAWAY TWP	0000529	5.70	ROUTE 529	N/A	N/A			N/A	1	0	0	1	0	0	0	17.20	1.59	YES	YES	County	445	96%	35%
1746	108	NJTPA	MIDDLESEX	JAMESBURG BORO	12081009	0.00	N/A	N/A	N/A			DAVISON AVE	1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	895	47%	27%
1746	108	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141015	0.20	FULTON ST	12000691	0.38			Livingston Avenue	1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	996	97%	84%
1746	108	NJTPA	MIDDLESEX	PLAINSBORO TWP	12181039	5.40	PLAINSBORO-CRANBURY RD	N/A	N/A			N/A	1	0	0	1	0	0	0	17.20	1.59	YES	NO	Municipal	1,732	74%	7%
1746	108	NJTPA	MIDDLESEX	SAVREVILLE BORO	0000535	30.50	ROUTE 535	12000673	0.00			Ernst Road	1	0	0	1	0	0	0	17.20	1.59	YES	YES	County	975	84%	43%
1746	108	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12041077	0.00	OVERLAND RD	12041075	0.22			Frost Avenue	1	0	0	1	0	0	0	17.20	1.59	NO	NO	Municipal	1,091	44%	19%
1746	108	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141290	0.00	ZEBRA WAY	12141158	0.00			Oliver Avenue	1	0	0	1	0	0	0	17.20	1.59	YES	NO	Municipal	1,300	96%	84%
1746	108	NJTPA	MIDDLESEX	METUCHEN BORO	0000531	1.72	ROUTE 531	12000660	0.00			HALL ST	1	0	0	1	0	0	0	17.20	1.59	YES	YES	County	846	93%	21%
1746	108	NJTPA	MIDDLESEX	CARTERET BORO	12000604	10.37	MIDDLESEX COUNTY 604	12011085	0.00			Woodbridge Avenue	1	0	0	1	0	0	0	17.20	1.59	YES	YES	County	539	84%	49%
1746	108	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	12000603	2.26	N/A	N/A	N/A			Cypress Street	1	0	0	1	0	0	0	17.20	1.59	YES	YES	County	1,055	76%	21%
1746	108	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161167	0.00	SECOND ST	12000681	0.77			N/A	1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	722	98%	67%
1746	108	NJTPA	MIDDLESEX	CARTERET BORO	12000622	2.71	MIDDLESEX COUNTY 602 II	12011181	0.85			N/A	1	0	0	1	0	0	0	17.20	1.59	YES	NO	County	1,427	84%	49%
1746	108	NJTPA	MIDDLESEX	EDISON TWP	0000529	0.54	ROUTE 529	12051224	0.18			Putnam Avenue	1	0	0	1	0	0	0	17.20	1.59	YES	YES	County	774	68%	34%
1746	108	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12000691	0.70	MIDDLESEX COUNTY 691	12141020	0.24			Powers Street	1	0	0	1	0	0	0	17.20	1.59	YES	NO	County	1,016	97%	87%
1746	108	NJTPA	MIDDLESEX	EDISON TWP	12051174	0.10	STORY AV W	12051203	0.10			Dalton Place	1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	564	50%	50%
1746	108	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	12181019	1.50	PERRINE RD	12211798	1.16			Ridge Road	1	0	0	1	0	0	0	17.20	1.59	YES	NO	Municipal	2,288	74%	9%
1746	108	NJTPA	MIDDLESEX	JAMESBURG BORO	12081011	0.10	CHURCH ST	N/A	N/A			N/A	1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	895	47%	27%
1746	108	NJTPA	MIDDLESEX	OLD BRIDGE TWP	0000527	33.16	ROUTE 527	12091053	0.00			Pension Road	1	0	0	1	0	0	0	17.20	1.59	NO	NO	County	3,358	42%	15%
1746	108	NJTPA	MIDDLESEX	METUCHEN BORO	12101122	0.00	HAMPTON ST	12101211	0.18			Durham Avenue	1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	846	64%	10%
1746	108	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141191	0.36	NICHOL AVE	00000171	1.70			N/A	1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	913	97%	87%
1746	108	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141188	0.00	CLIFTON AV	12000617	7.00			Ryders Lane	1	0	0	1	0	0	0	17.20	1.59	YES	YES	Municipal	716	74%	40%
1746	108	NJTPA	MIDDLESEX	PISCATAWAY TWP	0000529	6.56	ROUTE 529	12171259	0.36			10th Street	1	0	0	1	0	0	0	17.20	1.59	YES	YES	County	782	90%	35%
1746	108	NJTPA	MIDDLESEX	SOUTH RIVER BORO	0000527	40.90																					

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)

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
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
		at_intersection	At Intersection	= 'Y'	Y - Yes
Safety Voyager Accidents Table	OR	crash_type	Crash Type	IN ('13', '14')	13 - Pedestrian; 14 - Pedalcyclist
		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
Safety Voyager Accidents Table	OR	cyclist_involved	Cyclist Involved	> 0	At least one pedalcyclist 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.

The New Jersey Department of Transportation, its officers, employees or agents shall not be liable for damages or losses of any kind arising out of or in connection with the use or performance of information, including but not limited to, damages or losses caused by reliance upon the accuracy or timeliness of any such information, or damages incurred from the viewing, distributing, or copying of these materials.

The materials and information provided herein are provided "as is." No warranty of any kind, implied, expressed, or statutory, including but not limited to the warranties of non-infringement of third party rights, title, merchantability, fitness for a particular purpose, and freedom from computer virus, is given with respect to the contents of this Network Screening List or its hyperlinks to other Internet resources.

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	\$240,666	17.1573	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%

Rank (ePDO)	County Rank (ePDO)	MPO	County	Municipality	SRI	Milepost	Route Name	SRI	Milepost	Route Name	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)
											Total Crashes	K	A	B	C	O								
1746	108	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161144	0.10	CHARLES ST	12161081	0.70	Hall Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	996	98%	69%
1746	108	NJTPA	MIDDLESEX	MIDDLESEX BORO	12000607	0.07	MIDDLESEX COUNTY 607	12000622	7.04	Raritan Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	602	88%	43%
1746	108	NJTPA	MIDDLESEX	EDISON TWP	00000514	27.06	ROUTE 514	12051256	0.03	Silver Lake Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	774	85%	34%
1746	108	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	YES	County	905	57%	37%
1746	108	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	YES	Municipal	397	93%	88%
1746	108	NJTPA	MIDDLESEX	EDISON TWP	00000509	0.78	ROUTE 509	20201140	0.00	South Chestnut Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	772	86%	11%
1746	108	NJTPA	MIDDLESEX	METUCHEN BORO	00000531	2.25	ROUTE 531	12101195	0.30	Maple Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	850	60%	12%
1746	108	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12041278	0.80	N/A	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	888	50%	25%
1746	108	NJTPA	MIDDLESEX	EDISON TWP	00000514	27.79	ROUTE 514	12051122	0.00	Bonne Brook Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	774	73%	55%
1746	108	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000616	1.70	MIDDLESEX COUNTY 616	12161071	0.00	Rathburn Place	1	0	0	1	0	0	17.20	1.59	YES	YES	County	996	93%	67%
1746	108	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12151046	0.00	N/A	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	992	98%	37%
1746	108	NJTPA	MIDDLESEX	EDISON TWP	00000531	0.84	ROUTE 531	00000287	1.17	Lt Col (Ret) Richard F Lauer, US Army Highway	1	0	0	1	0	0	17.20	1.59	YES	YES	County	846	76%	20%
1746	108	NJTPA	MIDDLESEX	EDISON TWP	12051815	0.40	ROXY AV	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	834	85%	24%
1746	108	NJTPA	MIDDLESEX	EDISON TWP	12051007	2.27	OLD POST RD	N/A	29.72	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	County	680	76%	20%
1746	108	NJTPA	MIDDLESEX	MILTDOWN BORO	12000606	3.54	MIDDLESEX COUNTY 606	12121046	0.13	Cottage Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	716	48%	36%
1746	108	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12000617	3.00	MIDDLESEX COUNTY 617	12041705	3.08	Dunhams Corner Road	1	0	0	1	0	0	17.20	1.59	YES	NO	County	1,317	47%	18%
1746	108	NJTPA	MIDDLESEX	PISCATAWAY TWP	00000529	5.60	N/A	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	County	445	96%	35%
1746	108	NJTPA	MIDDLESEX	EDISON TWP	12051148	0.00	WOODEDGE ST	12051747	0.56	Old Post Road	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	793	65%	51%
1746	108	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000616	2.90	MIDDLESEX COUNTY 616	12161172	0.00	Jefferson Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	722	98%	65%
1746	108	NJTPA	MIDDLESEX	METUCHEN BORO	00000501	2.70	ROUTE 501	12101120	0.00	Sharon Court	1	0	0	1	0	0	17.20	1.59	YES	YES	County	564	79%	18%
1746	108	NJTPA	MIDDLESEX	CARTERET BORO	12011057	0.10	PERSHING AVE	12011066	0.08	Sharot Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	838	84%	49%
1746	108	NJTPA	MIDDLESEX	SPOTSWOOD BORO	12241026	0.50	MADIE AVE	12241032	0.16	Kane Avenue	1	0	0	1	0	0	17.20	1.59	NO	YES	Municipal	886	44%	17%
1746	108	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	12221170	0.10	GRANT AV	12221196	0.20	Franklin Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	867	91%	67%
1746	108	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161162	0.01	MADISON AVE	12161165	1.05	Fayette Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	722	98%	67%
1746	108	NJTPA	MIDDLESEX	EDISON TWP	12000649	1.12	MIDDLESEX COUNTY 649	12000604	2.96	Oak Tree Road	1	0	0	1	0	0	17.20	1.59	YES	YES	County	865	100%	47%
1746	108	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091753	0.00	NIRKI CT	12091752	0.12	Rydens Lane	1	0	0	1	0	0	17.20	1.59	YES	NO	Municipal	1,390	34%	38%
1746	108	NJTPA	MIDDLESEX	EDISON TWP	12051949	0.00	LAVENDER DR	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	914	91%	24%
1746	108	NJTPA	MIDDLESEX	METUCHEN BORO	00000501	2.60	ROUTE 501	12051787	0.00	Ginesi Court	1	0	0	1	0	0	17.20	1.59	YES	YES	County	564	79%	18%
1746	108	NJTPA	MIDDLESEX	SAYREVILLE BORO	12191097	0.00	DEFIELD RD	00000535	29.52	Washington Avenue	1	0	0	1	0	0	17.20	1.59	YES	NO	Municipal	1,008	84%	43%
1746	108	NJTPA	MIDDLESEX	WOODBURGE TWP	00000501	6.87	WOODBURGE DR	12251142	0.17	Liberty Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	665	78%	35%
1746	108	NJTPA	MIDDLESEX	WOODBURGE TWP	12251628	0.10	TANGLEWOOD DR	12251627	0.10	Tanglewood Lane	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	834	87%	46%
1746	108	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12000613	8.00	MIDDLESEX COUNTY 613	12000617	0.89	Rydens Lane	1	0	0	1	0	0	17.20	1.59	NO	NO	County	1,091	52%	12%
1746	108	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	NO	County	500	50%	15%
1746	108	NJTPA	MIDDLESEX	EDISON TWP	00000514	27.38	ROUTE 514	12051095	0.18	Market Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	774	85%	55%
1746	108	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000514	23.99	ROUTE 514	12141214	0.34	Louis Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	397	93%	88%
1746	108	NJTPA	MIDDLESEX	WOODBURGE TWP	120006021	5.07	MIDDLESEX COUNTY 602 I	12251691	0.00	Jordan Road	1	0	0	1	0	0	17.20	1.59	YES	YES	County	709	59%	13%
1746	108	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	00000527	42.23	ROUTE 527	12121706	2.45	Tices Lane	1	0	0	1	0	0	17.20	1.59	YES	YES	County	786	57%	37%
1746	108	NJTPA	MIDDLESEX	CARTERET BORO	12000604	10.59	MIDDLESEX COUNTY 604	12011061	0.14	Burke Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	539	84%	49%
1746	108	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12000613	7.40	MIDDLESEX COUNTY 613	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	County	886	15%	15%
1746	108	NJTPA	MIDDLESEX	METUCHEN BORO	00000501	2.68	ROUTE 501	12101119	0.09	Remington Road	1	0	0	1	0	0	17.20	1.59	YES	YES	County	564	79%	18%
1746	108	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	YES	County	315	97%	87%
1746	108	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000656	3.20	MIDDLESEX COUNTY 656	12161166	0.18	Maple Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	996	97%	67%
1746	108	NJTPA	MIDDLESEX	DUNELLEN BORO	00000529	0.20	ROUTE 529	12031001	0.07	Orange Street	1	0	0	1	0	0	17.20	1.59	YES	YES</				

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)

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

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	
	at_intersection	At Intersection	= 'Y'	Y - Yes	
OR		crash_type	Crash Type	IN ('13', '14')	13 - Pedestrian; 14 - Pedalcyclist
		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
		cyclist_involved	Cyclist Involved	> 0	At least one pedalcyclist 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	\$240,666	17.1573	1.5854
Possible Injury	C	\$157,482	10.8476	1.0000
Property Damage Only	O	\$14,518	1.0000	-.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%

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	K	A	B									C	O
3438	285	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12151140	0.20	STEVENS AVE	12151148	0.11	Remsen Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	507	93%	67%
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141026	0.00	N/P	12141025	0.00	N/P	1	0	0	0	1	0	10.85	1.00	YES	NO	Municipal	1,016	97%	87%
3438	285	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	00000531	6.41	ROUTE 531	120006021	1.11	Maple Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	749	86%	21%
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000027	15.55	NJ 27	12141088	0.00	Oxford Street	1	0	0	0	1	0	10.85	1.00	YES	NO	County	1,292	93%	84%
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141034	0.00	BAIRDWIN ST	12141034	0.35	Thorp Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	315	97%	87%
3438	285	NJTPA	MIDDLESEX	JAMESBURG BORO	12000612	2.36	MIDDLESEX COUNTY 612	00000522	8.91	Rhode Hall Road	1	0	0	0	1	0	10.85	1.00	YES	YES	County	895	47%	27%
3438	285	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161203	0.00	GRANT STREET	12161203	0.15	Gordon Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	996	97%	67%
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141027	0.40	HANDY ST	12151164	0.97	Remsen Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	315	97%	87%
3438	285	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	00000027	16.90	NJ 27	12071033	0.00	Cedar Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	N.J.D.O.T.	315	71%	54%
3438	285	NJTPA	MIDDLESEX	EDISON TWP	00000514	14.60	ROUTE 514 SECONDARY	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	N/A	680	76%	55%
3438	285	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%
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141067	1.23	JOYCE KILMER AVE	12141020	0.11	Powers Street	1	0	0	0	1	0	10.85	1.00	YES	NO	Municipal	1,090	97%	84%
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000527	46.43	ROUTE 527	12141216	0.36	New Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	315	97%	87%
3438	285	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000656	3.34	MIDDLESEX COUNTY 656	12161161	0.64	Hobart Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	996	98%	67%
3438	285	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000581	1.00	MIDDLESEX COUNTY 658 I	12161161	0.52	Hobart Street	1	0	0	0	1	0	10.85	1.00	YES	YES	N/A	722	97%	65%
3438	285	NJTPA	MIDDLESEX	WOODBRIDGE TWP	12000650	2.80	MIDDLESEX COUNTY 650	12251540	0.49	Demorest Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	N/A	586	87%	39%
3438	285	NJTPA	MIDDLESEX	WOODBRIDGE TWP	12000650	1.80	MIDDLESEX COUNTY 650	12251943	0.16	South Middlesex Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	N/A	637	61%	29%
3438	285	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000581	0.70	MIDDLESEX COUNTY 658 I	12161211	0.00	Elm Street	1	0	0	0	1	0	10.85	1.00	YES	YES	N/A	722	98%	67%
3438	285	NJTPA	MIDDLESEX	EDISON TWP	12000693	0.00	MIDDLESEX COUNTY 659 III	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	NO	NOT FOUND IN R	N/A	N/A	N/A	
3438	285	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	12000679	3.30	N/A	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	NO	NOT FOUND IN R	N/A	N/A	N/A	
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000027	15.54	NJ 27	12141087	0.07	Hale Street	1	0	0	0	1	0	10.85	1.00	YES	NO	County	1,292	93%	84%
3438	285	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	00000531	5.91	ROUTE 531	12221067	0.00	South Plainfield Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	749	56%	21%
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12000680	0.05	MIDDLESEX COUNTY 680	12151089	0.00	Hudson Drive	1	0	0	0	1	0	10.85	1.00	YES	NO	County	1,271	96%	45%
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000514	24.20	ROUTE 514	12141102	0.16	Division Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	397	91%	88%
3438	285	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12000626	0.10	MIDDLESEX COUNTY 626	12000689	1.34	Cheesequake-Morristown Road	1	0	0	0	1	0	10.85	1.00	YES	YES	County	394	74%	35%
3438	285	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161046	0.20	BRACE AVE	12161046	0.47	Pacific Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	996	93%	67%
3438	285	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161165	1.05	FAYETTE ST	12161162	0.01	Madison Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	722	98%	67%
3438	285	NJTPA	MIDDLESEX	EDISON TWP	12052046	0.90	TALMADGE RD	12051749	0.00	National Road	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	564	99%	18%
3438	285	NJTPA	MIDDLESEX	EDISON TWP	12000621	3.80	MIDDLESEX COUNTY 602 I	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	County	834	85%	24%
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000527	47.40	ROUTE 527	12141122	0.00	Morrell Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	397	91%	88%
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12000691	1.00	MIDDLESEX COUNTY 691	12141027	0.64	Handy Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	315	97%	87%
3438	285	NJTPA	MIDDLESEX	EDISON TWP	12051586	0.80	CALVERT AVE E	12051600	0.00	Bank Place	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	901	100%	25%
3438	285	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171601	0.50	MORRIS AVE	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	NO	Municipal	1,549	72%	56%
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000027	16.50	NJ 27	12141073	0.00	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	315	91%	88%
3438	285	NJTPA	MIDDLESEX	MIDDLESEX BORO	12111055	0.30	N/A	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	866	76%	48%
3438	285	NJTPA	MIDDLESEX	WOODBRIDGE TWP	00000514	33.16	ROUTE 514	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	NO	County	1,133	87%	21%
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000027	16.25	NJ 27	12141068	0.00	Spring Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	315	96%	88%
3438	285	NJTPA	MIDDLESEX	EDISON TWP	12051142	0.10	WILSON AVE	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	774	68%	34%
3438	285	NJTPA	MIDDLESEX	JAMESBURG BORO	00000521	10.21	ROUTE 521	12131371	0.00	Devonshire Boulevard	1	0	0	0	1	0	10.85	1.00	YES	YES	County	895	97%	37%
3438	285	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12151289	0.70	HARTLAND COMMONS	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	726	80%	18%
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141214	0.10	COURTLAND ST	12141107	0.15	Delafield Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	397	89%	88%
3438	285	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000611	0.12	MIDDLESEX COUNTY 611	12000682	0.72	Fayette Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	722	98%	65%
3438	285	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	12000601	1.66	MIDDLESEX COUNTY 601	12000605	0.00	Clinton Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	928	100%	67%
3438	285	NJTPA	MIDDLESEX	MIDDLESEX BORO	12000607	0.21																		

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)

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

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	
	at_intersection	At Intersection	= 'Y'	Y - Yes	
OR	crash_type	Crash Type	IN ('13', '14')	13 - Pedestrian; 14 - Pedalcyclist	
	ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved	
		cyclist_involved	Cyclist Involved	> 0	At least one pedalcyclist 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	\$240,666	17.1573	1.5854
Possible Injury	C	\$157,482	10.8476	1.0000
Property Damage Only	O	\$14,518	1.0000	-

$$ePDO_{TOTAL} = (K)^n * (A)^m * (B)^p * (C)^q * (O)^r$$

$$eC_{TOTAL} = (K)^n * (A)^m * (B)^p * (C)^q * (O)^r$$

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												
3438	285	NJTPA	MIDDLESEX	SAYREVILLE BORO	1200670	2.82	MIDDLESEX COUNTY 670	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	NO	84%	43%						
3438	285	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161086	0.00	HALL AVENUE	12161081	0.22	ALTA VISTA PL	1	0	0	0	1	0	10.85	1.00	YES	YES	98%	69%						
3438	285	NJTPA	MIDDLESEX	PLAINSBORO TWP	12181024	0.30	PONDVIEW DR	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	NO	1,243	83%	7%					
3438	285	NJTPA	MIDDLESEX	PISCATAWAY TWP	00000529	2.95	ROUTE 529	12171360	0.30	Commonwealth Avenue	1	0	0	0	1	0	10.85	1.00	YES	NO	2,228	88%	33%					
3438	285	NJTPA	MIDDLESEX	WOODBURGE TWP	00000501	6.40	ROUTE 501	12252017	0.09	Coriell Street	1	0	0	0	1	0	10.85	1.00	YES	YES	665	76%	35%					
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12151263	1.07	REMSEN AVE	00000171	2.29	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	315	97%	87%					
3438	285	NJTPA	MIDDLESEX	EDISON TWP	00000529	3.91	ROUTE 529	12051332	1.00	Brunswick Avenue	1	0	0	0	1	0	10.85	1.00	YES	NO	1,443	98%	50%					
3438	285	NJTPA	MIDDLESEX	EDISON TWP	00000516	32.03	ROUTE 524	12051439	0.00	Granville Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	665	76%	35%					
3438	285	NJTPA	MIDDLESEX	EDISON TWP	00000501	5.04	ROUTE 501	12051405	0.00	Third Street	1	0	0	0	1	0	10.85	1.00	YES	YES	809	75%	27%					
3438	285	NJTPA	MIDDLESEX	WOODBURGE TWP	12000646	0.90	MIDDLESEX COUNTY 646	12252089	0.00	Highview Drive	1	0	0	0	1	0	10.85	1.00	YES	YES	470	92%	20%					
3438	285	NJTPA	MIDDLESEX	EDISON TWP	00000514	27.66	ROUTE 514	12051130	0.00	Kearny Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	774	73%	55%					
3438	285	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	YES	397	91%	88%					
3438	285	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12151289	0.10	HARTLAND COMMONS	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	NO	1,793	79%	18%					
3438	285	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	12000647	2.10	MIDDLESEX COUNTY 647	12221210	0.39	Cherry Street	1	0	0	0	1	0	10.85	1.00	YES	YES	928	96%	35%					
3438	285	NJTPA	MIDDLESEX	EDISON TWP	12051681	0.00	PROGRESS ST	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	987	91%	24%					
3438	285	NJTPA	MIDDLESEX	SAYREVILLE BORO	00000535	28.38	ROUTE 535	12191378	0.00	Marchant Court	1	0	0	0	1	0	10.85	1.00	YES	YES	620	77%	41%					
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12000691	0.98	MIDDLESEX COUNTY 691	12141027	0.64	Handy Street	1	0	0	0	1	0	10.85	1.00	YES	YES	315	97%	87%					
3438	285	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12000615	17.35	MIDDLESEX COUNTY 615	12000677	0.00	River Road	1	0	0	0	1	0	10.85	1.00	YES	YES	705	71%	30%					
3438	285	NJTPA	MIDDLESEX	CARTERET BORO	12000622	0.92	MIDDLESEX COUNTY 602 II	12011016	0.00	Frederick Street	1	0	0	0	1	0	10.85	1.00	YES	YES	995	84%	36%					
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141188	0.10	CLIFTON AV	12141186	0.38	Phyllis Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	716	80%	74%					
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000527	46.53	ROUTE 527	00000171	2.90	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	315	97%	88%					
3438	285	NJTPA	MIDDLESEX	JAMESBURG BORO	12081017	0.07	GATZMERE RD	12081010	0.22	Hillside Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	895	52%	27%					
3438	285	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000616	2.03	MIDDLESEX COUNTY 616	12161065	0.00	Broadhead Place	1	0	0	0	1	0	10.85	1.00	YES	YES	996	93%	67%					
3438	285	NJTPA	MIDDLESEX	EDISON TWP	12102054	1.20	GROVE AVE	12015160	0.06	Nnp	1	0	0	0	1	0	10.85	1.00	YES	YES	660	93%	12%					
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141019	0.10	HOWARD ST	12141035	0.60	Lee Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	996	97%	84%					
3438	285	NJTPA	MIDDLESEX	WOODBURGE TWP	00000027	25.10	NI JZ	12251787	0.00	Main Street	1	0	0	0	1	0	10.85	1.00	YES	YES	637	94%	47%					
3438	285	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	12071001	0.10	N 2ND AV	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	687	54%	54%					
3438	285	NJTPA	MIDDLESEX	CARTERET BORO	12011094	0.10	CHARLOTTE AVE	12011100	0.12	Healy Place	1	0	0	0	1	0	10.85	1.00	YES	YES	838	84%	37%					
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141218	0.20	SOMERSET ST	12141193	0.13	Alexander Street	1	0	0	0	1	0	10.85	1.00	YES	YES	397	93%	84%					
3438	285	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000656	3.54	MIDDLESEX COUNTY 656	12161150	0.64	High Street	1	0	0	0	1	0	10.85	1.00	YES	YES	996	98%	67%					
3438	285	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	12071063	0.20	AURORA ST	12071055	0.16	Karsay Street	1	0	0	0	1	0	10.85	1.00	YES	YES	687	85%	44%					
3438	285	NJTPA	MIDDLESEX	METUCHEN BORO	12000660	0.00	MIDDLESEX COUNTY 660	00000531	1.72	Main Street	1	0	0	0	1	0	10.85	1.00	YES	YES	586	88%	21%					
3438	285	NJTPA	MIDDLESEX	WOODBURGE TWP	12000649	1.95	MIDDLESEX COUNTY 649	12251829	0.40	West Edward Street	1	0	0	0	1	0	10.85	1.00	YES	YES	948	94%	39%					
3438	285	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091339	0.00	SHADY SIDE AVE	12091338	0.04	Ravine Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	394	60%	35%					
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141075	0.00	HAMILTON ST	12141219	0.27	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	397	91%	88%					
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141193	0.10	ALEXANDER ST	12141218	0.24	Somerset Street	1	0	0	0	1	0	10.85	1.00	YES	YES	397	93%	88%					
3438	285	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	00000514	26.12	ROUTE 514	12071062	0.32	South Tenth Street	1	0	0	0	1	0	10.85	1.00	YES	YES	687	85%	44%					
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12000615	21.60	MIDDLESEX COUNTY 615	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	NO	YES	975	44%	14%					
3438	285	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	00000514	26.50	ROUTE 514	12000676	0.25	Duvel Lane	1	0	0	0	1	0	10.85	1.00	YES	YES	687	84%	48%					
3438	285	NJTPA	MIDDLESEX	CARTERET BORO	12011108	0.20	FILLMORE AV	12011114	0.19	Elm Street	1	0	0	0	1	0	10.85	1.00	YES	YES	539	84%	49%					
3438	285	NJTPA	MIDDLESEX	EDISON TWP	00000501	2.03	ROUTE 501	00000287	3.09	Lt Col (Ret) Richard F Lauer, US Army Highway	1	0	0	0	1	0	10.85	1.00	YES	YES	619	99%	12%					
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12151263	0.97	REMSEN AVE	00000171	0.42	Handy Street	1	0	0	0	1	0	10.85	1.00	YES	YES	315	97%	87%					
3438	285	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141017	0.20	WARD ST	12000691	0.48	Livingston Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	619	99%	12%					
6116	480	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141082	0.40	DRIFT ST	12141195	0.25	Bayard Street	2	0	0	0	2	0	2.00	0.00	YES	YES	916	97%	84%					
6116	480	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000527	46.73	ROUTE 527	00000287	16.32	Alexander Street	2	0	0	0	2	0	2.00	0.00	YES	YES	315	97%	88%</					