

New Jersey Network Screening Lists, 2023

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

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

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, 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'	
		crash_type	Crash Type	IN ('13', '14')	13 - Pedestrian; 14 - Pedacyclist
ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved		
cyclist_involved	Cyclist Involved	> 0	At least one cyclist 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 failed and/or incomplete. Analysis and engineering judgement should be used when applying insights and assessing network locations. The New Jersey Department of Transportation makes no guarantees as to the accuracy, completeness, or content of the information. This list is subject to update as more information becomes available.

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Equivalent Property Damage Only (ePDO) Score Weights				
Crash Severity	KABCO Scale	2023 Dollars	ePDO Value (K=A)	eC Value (K=A)
Fatal	K	\$14,277,743	56.9173	5.2470
Incapacitating Injury	A	\$826,309	56.9173	5.2470
Non-incapacitating Injury	B	\$249,666	17.1973	1.5854
Possible Injury	C	\$157,482	10.8476	1.0000
Property Damage Only	PDO	\$14,518	1.0000	-

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

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

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

Rank (ePDO)	County Rank	MPO	County	Municipality	SRI	Mile Post - From	Mile Post - To	Corridor Length	Route	Crashes by Severity (2016-2020)						Weighted Score (ePDO)	Weighted Score (eC)	Is EJ Area?	Is Census Block Group Pop < 1,000?	NJDOT SLD - Lane Count	NJDOT SLD - Roadway Jurisdiction	NJDOT SLD - Functional Class	ARD - Divided By	EJScreens - Census Block Group Population (Lowest Value)	EJScreens - Minority % (Highest Value)	EJScreens - Low-Income % (Highest Value)
										Total Crashes	K	A	B	C	O											
55	1	NJTPA	MIDDLESEX	EDISON TWP	12000604	2.47	3.47	1.00	MIDDLESEX COUNTY 604	7	0	2	5	0	0	199.821	18.421	YES	YES	2	County	Principal Arterial - Other	Painted Median	637	100%	47%
60	2	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000527	46.30	47.30	1.00	ROUTE 527	7	0	2	3	2	0	187.122	17.250	YES	YES	2	County	Principal Arterial - Other	None	315	97%	88%
81	3	NJTPA	MIDDLESEX	SAYREVILLE BORO	00000535	30.13	31.13	1.00	ROUTE 535	6	1	1	1	3	0	163.575	15.079	YES	YES	2	County	Minor Arterial	None	975	84%	43%
81	3	NJTPA	MIDDLESEX	CARTERET BORO	12006022	1.77	2.77	1.00	MIDDLESEX COUNTY 602 II	6	0	2	1	3	0	163.575	15.079	YES	YES	2	County	Minor Arterial	Painted Median	838	84%	49%
89	5	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000658	0.00	1.00	1.00	MIDDLESEX COUNTY 658 I	10	0	1	2	6	1	157.40	14.4178	RY NOT FOUND IN RCY	RY NOT FOUND IN ROADWAY NETWORK FILE	Unknown	Unknown	None	N/A	N/A	N/A	
96	6	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000656	2.56	3.56	1.00	MIDDLESEX COUNTY 656	9	0	1	3	4	1	152.90	14.0032	YES	YES	2	County	Minor Arterial	None	986	96%	67%
96	6	NJTPA	MIDDLESEX	WOODBIDGE TWP	00000514	34.14	35.14	1.00	ROUTE 514	9	1	0	3	4	1	152.90	14.0032	YES	YES	2	County	Principal Arterial - Other	None	563	87%	38%
98	8	NJTPA	MIDDLESEX	PISCATAWAY TWP	00000529	2.96	3.96	1.00	ROUTE 529	5	1	1	1	2	0	152.73	14.0794	YES	YES	2	County	Principal Arterial - Other	None	445	88%	33%
104	9	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000527	14.70	15.70	1.00	NJ 27	10	0	0	7	2	1	143.08	13.0978	YES	YES	4	N.J.D.O.T.	Principal Arterial - Other	None	397	96%	88%
114	10	NJTPA	MIDDLESEX	EDISON TWP	00000514	26.00	27.00	1.00	ROUTE 514	3	1	1	1	0	0	131.03	12.0794	YES	YES	2	County	Principal Arterial - Other	None	687	85%	44%
114	10	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091254	0.00	0.89	0.89	WESTMINSTER BLVD	3	0	2	1	0	0	131.03	12.0794	YES	NO	2	Municipal	Minor Collector	None	1069	82%	37%
125	13	NJTPA	MIDDLESEX	WOODBIDGE TWP	12000604	3.51	4.51	1.00	MIDDLESEX COUNTY 604	6	0	1	2	3	0	123.85	11.4178	YES	YES	2	County	Principal Arterial - Other	None	637	94%	47%
138	18	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000611	0.00	1.00	1.00	MIDDLESEX COUNTY 611	10	0	0	3	6	1	117.68	10.7562	YES	YES	2	County	Minor Arterial	Painted Median	722	98%	69%
187	14	NJTPA	MIDDLESEX	WOODBIDGE TWP	12000604	6.30	7.30	1.00	MIDDLESEX COUNTY 604	4	0	1	2	1	0	102.16	9.4178	YES	YES	2	County	Minor Arterial	None	661	75%	38%
194	15	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000616	0.90	1.90	1.00	MIDDLESEX COUNTY 616	5	0	1	0	4	0	100.31	9.247	YES	YES	2	County	Minor Arterial	None	704	93%	67%
196	16	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	12000603	2.60	3.60	1.00	MIDDLESEX COUNTY 603	9	0	0	5	1	3	99.83	8.927	YES	YES	2	County	Minor Arterial	None	867	94%	43%
226	17	NJTPA	MIDDLESEX	WOODBIDGE TWP	12000655	0.30	1.30	1.00	MIDDLESEX COUNTY 655	4	0	1	0	3	0	89.46	8.247	YES	YES	2	County	Major Collector	Painted Median	950	93%	67%
226	17	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000616	0.30	1.30	1.00	MIDDLESEX COUNTY 616	4	0	1	0	3	0	89.46	8.247	YES	YES	2	County	Minor Arterial	None	722	96%	67%
226	17	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000514	23.50	24.50	1.00	ROUTE 514	4	0	1	1	0	0	89.46	8.247	YES	YES	2	County	Minor Arterial	None	393	95%	38%
226	17	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161046	0.00	0.76	0.76	BRACE AVE	4	0	1	0	3	0	89.46	8.247	YES	YES	2	Municipal	Minor Collector	None	566	98%	69%
237	21	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12000672	0.71	1.71	1.00	MIDDLESEX COUNTY 672	4	1	0	1	1	1	85.96	7.8324	YES	YES	2	County	Minor Arterial	None	315	91%	88%
249	22	NJTPA	MIDDLESEX	EDISON TWP	00000501	3.78	4.78	1.00	ROUTE 501	3	1	0	1	1	0	84.96	7.8324	YES	YES	2	County	Principal Arterial - Other	None	665	76%	35%
249	22	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12000653	0.08	1.08	1.00	MIDDLESEX COUNTY 653	3	0	1	1	1	0	84.96	7.8324	YES	YES	2	County	Major Collector	None	566	98%	69%
271	24	NJTPA	MIDDLESEX	WOODBIDGE TWP	12000604	7.80	8.80	1.00	MIDDLESEX COUNTY 604	3	1	0	0	2	0	78.61	7.247	YES	YES	2	County	Minor Arterial	None	539	90%	45%
285	25	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141020	0.10	0.77	0.77	REGIMOND ST	3	0	1	1	0	1	75.11	6.8324	YES	YES	2	County	Local	None	315	97%	38%
300	26	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161174	0.20	0.33	0.33	ELM ST	6	0	0	3	2	1	74.29	6.7562	YES	YES	2	Municipal	Local	None	996	98%	67%
301	27	NJTPA	MIDDLESEX	PISCATAWAY TWP	12000622	2.76	3.76	1.00	MIDDLESEX COUNTY 622	2	0	1	1	0	0	74.11	6.8324	YES	YES	2	County	Principal Arterial - Other	None	991	78%	56%
301	27	NJTPA	MIDDLESEX	CANBURY TWP	00000535	14.18	15.18	1.00	ROUTE 535	2	0	1	1	0	0	74.11	6.8324	NO	NO	2	County	Principal Arterial - Other	None	1570	26%	5%
358	29	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	00000531	6.80	7.80	1.00	ROUTE 531	3	1	0	0	1	1	68.76	6.247	YES	YES	2	County	Minor Arterial	None	596	98%	65%
364	30	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161166	0.10	0.30	0.30	MAPLE ST	2	0	1	0	1	0	67.76	6.247	YES	YES	1	Municipal	Local	None	722	98%	67%
364	30	NJTPA	MIDDLESEX	EDISON TWP	12000619	4.67	5.67	1.00	MIDDLESEX COUNTY 619	2	0	1	0	1	0	67.76	6.247	YES	YES	2	County	Minor Arterial	Curbed Median	653	90%	34%
364	30	NJTPA	MIDDLESEX	EDISON TWP	00000514	28.20	29.20	1.00	ROUTE 514	2	1	0	0	1	0	67.76	6.247	YES	YES	2	County	Principal Arterial - Other	Curbed Median	680	76%	57%
364	30	NJTPA	MIDDLESEX	WOODBIDGE TWP	00000514	31.60	32.60	1.00	ROUTE 514	2	0	1	0	1	0	67.76	6.247	YES	YES	2	County	Principal Arterial - Other	Painted Median	665	78%	35%
364	30	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	00000522	4.24	5.24	1.00	ROUTE 522	2	1	0	0	1	0	67.76	6.247	YES	YES	2	County	Minor Arterial	Barrier Median	898	89%	13%
364	30	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171603	2.13	3.13	1.00	CENTENNIAL AVE	2	0	1	0	1	0	67.76	6.247	YES	YES	2	Municipal	Minor Arterial	Curbed Median	445	70%	29%
419	36	NJTPA	MIDDLESEX	EDISON TWP	00000529	0.38	1.38	1.00	ROUTE 529	7	0	0	1	4	2	62.59	5.5854	YES	YES	2	County	Principal Arterial - Other	None	564	98%	55%
422	38	NJTPA	MIDDLESEX	DUNELLEN BORO	00000529	5.16	7.16	1.00	ROUTE 529	4	0	2	0	0	0	62.44	5.7562	YES	YES	2	County	Principal Arterial - Other	None	782	94%	48%
435	38	NJTPA	MIDDLESEX	SOUTH RIVER BORO	00000535	26.74	27.74	1.00	ROUTE 535	4	1	0	0	0	3	59.92	5.247	YES	YES	2	County	Minor Arterial	Painted Median	600	99%	46%
440	39	NJTPA	MIDDLESEX	WOODBIDGE TWP	12251535	0.30	0.68	0.38	LEESVILLE AVE	2	0	1	0	0	1	57.92	5.247	YES	YES	2	Municipal	Minor Collector	None	586	99%	59%
440	39	NJTPA	MIDDLESEX	PISCATAWAY TWP	00000529	4.17	5.17	1.00	ROUTE 529	2	0	1	0	0	1	57.92	5.247	YES	YES	4	County	Principal Arterial - Other	Curbed Median	445	96%	24%
440	39	NJTPA	MIDDLESEX	OLD BRIDGE TWP	00000516	4.67	5.67	1.00	ROUTE 516	2	0	1	0	0	1	57.92	5.247	YES	NO	2	County	Minor Arterial	None			

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Safety Voyager Accidents Table	AND	year	Year	BETWEEN 2016 AND 2020	Years 2016, 2016 AND 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
		crash_type	Crash Type	IN ('13', '14')	13 - Pedestrian; 14 - Pedacyclist
		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
		cyclist_involved	Cyclist Involved	> 0	At least one bicyclist involved

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	KABCO Scale	2023 Dollars	ePDO Value (K-A)	eC Value (K-A)
Fatal	K	\$14,277,743	56.9173	5.2470
Incapacitating Injury	A	\$826,309	56.9173	5.2470
Non-incapacitating Injury	B	\$249,666	17.1973	1.5854
Possible Injury	C	\$157,482	10.8476	1.0000
Property Damage Only	PDO	\$14,518	1.0000	-

ePDO₂₀₁₆ = [K]*[ePDO_c] + [A]*[ePDO_a] + [B]*[ePDO_b] + [C]*[ePDO_c] + [PDO_c] + [PDO]*[ePDO₁₀₀]

eC_{100%} = [K]*[eC_c] + [A]*[eC_a] + [B]*[eC_b] + [C]*[eC_c] + [PDO]*[0]

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

Rank (ePDO)	County Rank	MPO	County	Municipality	SRI	Mile Post - From	Mile Post - To	Corridor Length	Route	Crashes by Severity (2016-2020)						Weighted Score (ePDO)	Weighted Score (eC)	Is EJ Area?	Is Census Block Group Pop < 1,000?	NJDOT SLD - Lane Count	NJDOT SLD - Roadway Jurisdiction	NJDOT SLD - Functional Class	ARD - Divided By	EJScreen - Census Block Group Population (Lowest Value)	EJScreen - Minority % (Highest Value)	EJScreen - Low-Income % (Highest Value)
										Total Crashes	K	A	B	C	O											
1211	108	NJTPA	MIDDLESEX	SPOTSWOOD BORO	12000615	15.29	16.29	1.00	MIDDLESEX COUNTY 615	2	0	0	1	0	1	18.20	1.5854	YES	YES	2	County	Minor Arterial	Painted Median	886	44%	26%
1211	108	NJTPA	MIDDLESEX	WOODBIDGE TWP	12251381	0.13	0.39	0.26	BAMFORD AV	2	0	0	1	0	1	18.20	1.5854	YES	YES	2	Municipal	Local	None	563	75%	38%
1211	108	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091052	0.09	0.09	1.00	CINDY ST	2	0	0	1	0	1	18.20	1.5854	YES	NO	2	Municipal	Local	None	1265	41%	38%
1211	108	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161095	0.10	0.24	0.14	MYRTLE ST	2	0	0	1	0	1	18.20	1.5854	YES	YES	2	Municipal	Local	None	566	98%	69%
1262	115	NJTPA	MIDDLESEX	METUCHEN BORO	12101109	0.60	0.81	0.21	HUXLEY AVE	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Minor Collector	None	846	58%	21%
1262	115	NJTPA	MIDDLESEX	WOODBIDGE TWP	12251496	0.13	0.18	0.53	S WIMAN AVE	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Minor Collector	None	558	95%	59%
1262	115	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161176	0.20	0.37	0.17	PROSPECT ST	1	0	0	1	0	0	17.20	1.5854	YES	YES	1	Municipal	Minor Collector	Painted Median	996	98%	67%
1262	115	NJTPA	MIDDLESEX	WOODBIDGE TWP	12251688	0.00	0.28	0.28	CLARIDGE PL	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Local	None	709	59%	15%
1262	115	NJTPA	MIDDLESEX	WOODBIDGE TWP	12251813	0.36	0.79	0.43	MAGNOLIA RD	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Local	None	865	100%	47%
1262	115	NJTPA	MIDDLESEX	SOUTH RIVER BORO	12231175	0.10	0.39	0.29	WILLET AVE	1	0	0	1	0	0	17.20	1.5854	YES	YES	1	Municipal	Minor Collector	Painted Median	600	66%	46%
1262	115	NJTPA	MIDDLESEX	WOODBIDGE TWP	12251815	0.10	0.45	0.35	BROADFORD PL	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Local	None	865	100%	47%
1262	115	NJTPA	MIDDLESEX	EDISON TWP	12060661	0.00	1.00	1.00	MIDDLESEX COUNTY 661	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	County	Local	None	644	82%	16%
1262	115	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	12271165	0.30	0.86	0.56	GEAR DR	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Local	None	928	59%	21%
1262	115	NJTPA	MIDDLESEX	CARTERET BORO	12011073	0.09	0.68	0.59	BLANCHARD ST	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Local	None	539	90%	49%
1262	115	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12041705	2.10	3.10	1.00	DUNHAMS CORNER RD	1	0	0	1	0	0	17.20	1.5854	YES	NO	2	Municipal	Minor Arterial	None	1078	47%	18%
1262	115	NJTPA	MIDDLESEX	EDISON TWP	12051535	0.00	0.29	0.29	WILLIAMS RD	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Local	None	644	82%	12%
1262	115	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141231	0.00	0.68	0.68	NEILSON ST	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Major Collector	None	315	97%	88%
1262	115	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161147	0.20	0.28	0.08	WAYNE ST	1	0	0	1	0	0	17.20	1.5854	YES	NO	2	Municipal	Local	None	1052	98%	69%
1262	115	NJTPA	MIDDLESEX	PISCATAWAY TWP	12217600	1.10	1.58	1.48	POSSUMTOWN RD	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Minor Arterial	None	445	83%	41%
1262	115	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	00000522	0.09	1.09	1.00	ROUTE 522	1	0	0	1	0	0	17.20	1.5854	YES	NO	2	County	Local	Painted Median	1375	75%	23%
1262	115	NJTPA	MIDDLESEX	WOODBIDGE TWP	12251948	0.04	0.21	0.17	PEARL ST	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Minor Collector	None	563	78%	38%
1262	115	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12000613	1.08	1.00	1.00	MIDDLESEX COUNTY 613	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	County	Minor Arterial	Grass Median	770	55%	57%
1262	115	NJTPA	MIDDLESEX	WOODBIDGE TWP	12251364	0.50	0.90	0.40	WEST PROSPECT AVE	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Minor Collector	None	661	75%	38%
1262	115	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171192	0.30	0.43	0.13	DUPONT AVE	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Local	None	782	81%	35%
1262	115	NJTPA	MIDDLESEX	METUCHEN BORO	12101165	0.18	0.18	1.00	ELM AVE	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	County	Local	None	644	82%	21%
1262	115	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171080	0.30	0.32	0.02	ROOSEVELT AV	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Local	None	754	72%	56%
1262	115	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091085	0.00	0.04	1.00	THROCK MORTEN CT	1	0	0	1	0	0	17.20	1.5854	YES	NO	2	Municipal	Local	None	1265	47%	25%
1262	115	NJTPA	MIDDLESEX	EDISON TWP	00000514	29.38	30.38	1.00	ROUTE 514	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	County	Principal Arterial - Other	Curbed Median	680	76%	51%
1262	115	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141151	0.00	0.12	0.12	HENRY ST	1	0	0	1	0	0	17.20	1.5854	YES	NO	2	Municipal	Local	Painted Median	1300	96%	84%
1262	115	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12211088	2.50	3.36	0.86	FRESH PONDS RD	1	0	0	1	0	0	17.20	1.5854	YES	NO	2	Municipal	Major Collector	None	1078	57%	7%
1262	115	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	00000531	4.23	5.23	1.00	ROUTE 531	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	County	Minor Arterial	None	644	82%	17%
1262	115	NJTPA	MIDDLESEX	EDISON TWP	12051412	0.15	0.41	0.26	JACKSON AV	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Local	Painted Median	760	76%	27%
1262	115	NJTPA	MIDDLESEX	SAREVILLE BORO	12191150	0.10	0.39	0.29	BOEHMHURST AV	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Local	None	871	76%	24%
1262	115	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161197	0.07	0.13	0.06	DORSEY ST	1	0	0	1	0	0	17.20	1.5854	YES	YES	1	Municipal	Local	None	996	93%	67%
1262	115	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	00000226	2.20	2.57	0.37	NJ 26	1	0	0	1	0	0	17.20	1.5854	YES	YES	4	N.J.D.O.T.	Minor Arterial	None	1247	93%	84%
1262	115	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171526	0.00	0.62	0.62	BUCKINGHAM DR	1	0	0	1	0	0	17.20	1.5854	YES	NO	2	Municipal	Local	None	509	88%	56%
1262	115	NJTPA	MIDDLESEX	EDISON TWP	00000514	27.19	28.19	1.00	ROUTE 514	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	County	Principal Arterial - Other	None	680	85%	52%
1262	115	NJTPA	MIDDLESEX	DUNELLEN BORO	00000529	7.45	8.45	1.00	ROUTE 529	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	County	Principal Arterial - Other	None	996	99%	44%
1262	115	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141016	0.30	0.46	0.16	LAWRENCE ST	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Local	None	996	97%	84%
1262	115	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091145	0.03	0.47	0.44	FARMBROOK DR	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Minor Collector	None	705	51%	13%
1262	115	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12000608	2.22	2.36	0.14	MIDDLESEX COUNTY 608	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	County	Minor Arterial	None	992	80%	29%
1262	115	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	12211081	0.00	1.00	1.00	STOUTS LA	1	0	0	1	0	0	17.20	1.5854	YES	NO	2	Municipal	Major Collector	None	1347	75%	13%
1262	115	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	12221041	0.13	0.29	0.16	ST JAMES PL	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Local	None	749	55%	22%
1262	115	NJTPA	MIDDLESEX	WOODBIDGE TWP	12000620	0.20	0.20	1.00	MIDDLESEX COUNTY 650	1	0	0	1	0	0	17.20	1.5854	YES	NO	2	Unknown	Unknown	N/A	N/A	N/A	N/A
1262	115	NJTPA	MIDDLESEX	WOODBIDGE TWP	12000673	0.97	1.41	0.44	MIDDLESEX COUNTY 657 III	1	0	0	1	0	0	17.20	1.5854	YES	NO	2	Unknown	Unknown	N/A	N/A	N/A	N/A
1262	115	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091159	0.00	0.36	0.36	ORCHARD DR	1	0	0	1	0	0	17.20	1.5854	YES	YES	2	Municipal	Local	None	705	51%	13%
1262	115	NJTPA	MIDDLESEX	WOODBIDGE TWP	1225																					

New Jersey Network Screening Lists, 2023

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

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

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
		municipality	County	IN ('02', '07', '09', '10', '12', '13', '14', '15', '16', '18', '19', '20', '21')	02 - Bergen; 07 - Essex; 09 - Hudson; 10 - Hunterdon; 12 - Middlesex; 13 - Monmouth; 14 - Morris; 15 - Ocean; 16 - Passaic; 18 - Somerset; 19 - Sussex; 20 - Union; 21 - Warren
	OR	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	IN ('13', '14')	13 - Pedestrian; 14 - Pedacyclist
		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
		cyclist_involved	Cyclist Involved	> 0	At least one bicyclist involved

The Network Screening List is based upon a programmatic analysis of statewide locations utilizing data supplied by third party sources. Because of limitations in the data supplied and the method used to develop the list, users should be aware that the rankings of locations and data for locations may be incorrect and/or incomplete. Analysis and engineering judgement should be used when applying insights and assessing network locations. The New Jersey Department of Transportation makes no guarantees as to the accuracy, completeness, or content of the information. This list is subject to update as more information becomes available.

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Equivalent Property Damage Only (ePDO) Score Weights

Crash Severity	KABCO Scale	2023 Dollars	ePDO Value (K-A)	eC Value (K-A)
Fatal	K	\$14,277,743	56.9173	5.2470
Incapacitating Injury	A	\$826,309	56.9173	5.2470
Non-incapacitating Injury	B	\$249,666	17.1973	1.5854
Possible Injury	C	\$157,482	10.8476	1.0000
Property Damage Only	PDO	\$14,518	1.0000	-

ePDO_{Total} = [K]*[ePDO_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	MPO	County	Municipality	SRI	Mile Post - From	Mile Post - To	Corridor Length	Route	Crashes by Severity (2016-2020)					Weighted Score (ePDO)	Weighted Score (eC)	Is EJ Area?	Is Census Block Group Pop < 1,000?	NJDOT SLD - Lane Count	NJDOT SLD - Roadway Jurisdiction	NJDOT SLD - Functional Class	ARD - Divided By	EJScreen - Census Block Group Population (Lowest Value)	EJScreen - Minority % (Highest Value)	EJScreen - Low-Income % (Highest Value)	
										Total Crashes	K	A	B	C												O
2044	212	NJTPA	MIDDLESEX	WOODBIDGE TWP	12251468	0.07	0.29	0.22	CORNELL ST	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	558	77%	43%
2044	212	NJTPA	MIDDLESEX	OLD BRIDGE TWP	00000034	24.30	25.10	1.00	NJ 34	1	0	0	0	1	0	10.85	1	YES	NO	2	N.J.D.O.T.	Principal Arterial - Other	None	1127	38%	23%
2044	212	NJTPA	MIDDLESEX	EDISON TWP	12051440	0.00	0.37	0.37	MONTVIEW RD	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	809	75%	29%
2044	212	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091646	1.50	2.50	1.00	GAUB RD	1	0	0	0	1	0	10.85	1	YES	NO	2	Municipal	Major Collector	None	1265	47%	25%
2044	212	NJTPA	MIDDLESEX	CRANBURY TWP	12000614	3.67	4.67	1.00	MIDDLESEX COUNTY 614	1	0	0	0	1	0	10.85	1	YES	YES	3	County	Minor Arterial	None	913	75%	27%
2044	212	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161152	0.40	0.54	0.14	LEWIS ST	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Minor Collector	None	722	97%	65%
2044	212	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12151264	0.01	0.80	0.79	HERMAN RD	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Minor Arterial	Painted Median	507	93%	52%
2044	212	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161155	0.20	0.27	0.07	PATTERSON ST	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	722	97%	65%
2044	212	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	12071034	0.30	0.85	0.55	S 3RD AV	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	315	76%	50%
2044	212	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171212	0.74	0.98	0.24	HAMILTON BLVD	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	782	96%	35%
2044	212	NJTPA	MIDDLESEX	WOODBIDGE TWP	12251133	0.00	0.14	0.14	WILLIAM ST	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	665	76%	35%
2044	212	NJTPA	MIDDLESEX	DUNELLEN BORO	12031016	0.10	0.69	0.59	MADISON AVE	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	950	66%	36%
2044	212	NJTPA	MIDDLESEX	WOODBIDGE TWP	12000646	0.69	1.16	0.47	MIDDLESEX COUNTY 646	1	0	0	0	1	0	10.85	1	YES	YES	2	County	Minor Arterial	Barrier Median	470	92%	20%
2044	212	NJTPA	MIDDLESEX	MONROE TWP	00000527	31.40	32.40	1.00	ROUTE 527	1	0	0	0	1	0	10.85	1	NO	NO	2	County	Minor Arterial	None	2256	42%	15%
2044	212	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12151176	0.00	0.34	0.34	WEBER RD	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Minor Collector	None	507	93%	52%
2044	212	NJTPA	MIDDLESEX	EDISON TWP	12051510	0.00	0.26	0.26	MIDLAND RD	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	857	75%	16%
2044	212	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	12211689	0.30	0.96	0.66	HENDERSON RD	1	0	0	0	1	0	10.85	1	YES	NO	2	Municipal	Local	None	1250	79%	18%
2044	212	NJTPA	MIDDLESEX	OLD BRIDGE TWP	00000516	3.31	4.31	1.00	ROUTE 516	1	0	0	0	1	0	10.85	1	YES	NO	2	County	Minor Arterial	Painted Median	1069	51%	25%
2044	212	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	12091028	0.60	0.79	0.19	S 5TH AV	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	687	85%	44%
2044	212	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161097	0.36	0.45	0.09	KEENE ST	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	566	98%	69%
2044	212	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12151124	0.10	0.93	0.83	AARON RD	1	0	0	0	1	0	10.85	1	YES	NO	2	Municipal	Local	None	1448	88%	41%
2044	212	NJTPA	MIDDLESEX	OLD BRIDGE TWP	00000516	1.49	2.49	1.00	ROUTE 516	1	0	0	0	1	0	10.85	1	YES	NO	2	County	Minor Arterial	None	1069	51%	24%
2044	212	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141014	0.13	0.35	0.22	RUTGERS ST	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	Unknown	956	97%	84%
2044	212	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171052	0.20	0.38	0.18	LUDLOW ST	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	794	71%	56%
2044	212	NJTPA	MIDDLESEX	WOODBIDGE TWP	12252022	0.14	0.79	0.65	FREEMAN ST	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Minor Collector	None	470	75%	38%
2044	212	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141219	0.10	0.27	0.17	HAMILTON ST	1	0	0	0	1	0	10.85	1	RY NOT FOUND IN RCY NOT FOUND IN ROADWAY NETWORK FILE	RY NOT FOUND IN RCY NOT FOUND IN ROADWAY NETWORK FILE	2	Unknown	Unknown	None	N/A	N/A	N/A
2044	212	NJTPA	MIDDLESEX	WOODBIDGE TWP	12251550	0.00	0.14	0.14	THORPE ST	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	586	87%	39%
2044	212	NJTPA	MIDDLESEX	JAMESBURG BORO	12000615	10.90	11.90	1.00	MIDDLESEX COUNTY 615	1	0	0	0	1	0	10.85	1	YES	YES	2	County	Minor Arterial	None	495	52%	27%
2044	212	NJTPA	MIDDLESEX	MONROE TWP	12131037	2.60	2.82	0.22	SCHOOLHOUSE RD	1	0	0	0	1	0	10.85	1	NO	NO	2	Municipal	Minor Collector	None	1116	34%	21%
2044	212	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	12000679	1.85	2.85	1.00	MIDDLESEX COUNTY 679	1	0	0	0	1	0	10.85	1	RY NOT FOUND IN RCY NOT FOUND IN ROADWAY NETWORK FILE	RY NOT FOUND IN RCY NOT FOUND IN ROADWAY NETWORK FILE	2	Unknown	Unknown	None	N/A	N/A	N/A
2044	212	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141144	0.80	0.38	0.38	TERMINAL RD	1	0	0	0	1	0	10.85	1	YES	NO	2	Municipal	Local	None	1271	96%	45%
2044	212	NJTPA	MIDDLESEX	WOODBIDGE TWP	12000650	1.30	2.30	1.00	MIDDLESEX COUNTY 650	1	0	0	0	1	0	10.85	1	RY NOT FOUND IN RCY NOT FOUND IN ROADWAY NETWORK FILE	RY NOT FOUND IN RCY NOT FOUND IN ROADWAY NETWORK FILE	2	Unknown	Unknown	None	N/A	N/A	N/A
2044	212	NJTPA	MIDDLESEX	EDISON TWP	12051067	0.00	0.27	0.27	DAYTON RD	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	564	79%	28%
2044	212	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091157	0.06	0.16	0.10	WOODCREST DR	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	705	51%	13%
2044	212	NJTPA	MIDDLESEX	EDISON TWP	00000531	0.54	1.54	1.00	ROUTE 531	1	0	0	0	1	0	10.85	1	YES	YES	2	County	Minor Arterial	None	680	76%	27%
2044	212	NJTPA	MIDDLESEX	WOODBIDGE TWP	12251122	0.10	0.24	0.14	FAIRFIELD AV	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	665	78%	35%
2044	212	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161144	0.10	0.42	0.32	CHARLES ST	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	956	96%	69%
2044	212	NJTPA	MIDDLESEX	WOODBIDGE TWP	12252018	0.34	1.34	1.00	BLAIR ROAD	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Minor Arterial	None	563	75%	43%
2044	212	NJTPA	MIDDLESEX	METUCHEN BORO	12101028	0.30	0.34	0.04	POPLAR ST	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	846	76%	21%
2044	212	NJTPA	MIDDLESEX	WOODBIDGE TWP	12251825	0.10	0.23	0.13	W LOUIS PL	1	0	0	0	1	0	10.85	1	YES	YES	2	Municipal	Local	None	948	94%	47%
2044	212	NJTPA	MIDDLESEX	EDISON TWP	120006021	2.22	3.22	1.00	MIDDLESEX COUNTY 602 I	1	0	0	0	1	0	10.85	1	YES	YES	2	County	Minor Arterial	None	987	91%	24%
2044	212	NJTPA	MIDDLESEX	SAYREVILLE BORO	12000615	18.80	19.80	1.																		