

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian 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

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

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	-

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

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

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

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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											
42	1	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	0000527	46.30	47.30	1.00	ROUTE 527	7	0	2	3	2	0	187.122	17.2502	YES	YES	2	County	Principal Arterial - Other	None	315	97%	88%
57	2	NJTPA	MIDDLESEX	SAYREVILLE BORO	0000535	30.13	31.13	1.00	ROUTE 535	6	1	1	1	3	0	163.575	15.0794	YES	YES	2	County	Minor Arterial	None	975	84%	43%
71	3	NJTPA	MIDDLESEX	PISCATAWAY TWP	0000529	2.96	3.96	1.00	ROUTE 529	5	1	1	1	2	0	152.727	14.0794	YES	YES	2	County	Principal Arterial - Other	None	445	88%	33%
74	4	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12006581	0.09	1.09	1.00	MIDDLESEX COUNTY 658 I	9	0	1	2	5	1	146.550	13.4178	RY NOT FOUND IN RCY NOT FOUND IN ROADWAY NETWORK	Unknown	Unknown	None	N/A	N/A	N/A		
77	5	NJTPA	MIDDLESEX	WOODBIDGE TWP	1200604	2.47	3.47	1.00	MIDDLESEX COUNTY 604	6	0	1	5	0	0	142.904	13.174	YES	YES	2	County	Principal Arterial - Other	Painted Median	637	100%	47%
79	6	NJTPA	MIDDLESEX	PERTH AMBOY CITY	1200656	2.67	3.67	1.00	MIDDLESEX COUNTY 656	8	0	1	3	3	1	142.052	13.0032	YES	YES	2	County	Minor Arterial	None	722	98%	67%
84	7	NJTPA	MIDDLESEX	WOODBIDGE TWP	0000514	34.43	35.43	1.00	ROUTE 514	8	1	0	2	4	1	135.702	12.4178	YES	YES	2	County	Principal Arterial - Other	None	563	87%	38%
90	8	NJTPA	MIDDLESEX	SAYREVILLE BORO	12091254	0.00	0.89	0.89	WESTMINSTER BLVD	3	0	2	1	0	0	131.032	12.0794	YES	NO	2	Municipal	Minor Collector	None	1,069	82%	37%
90	8	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	0000514	26.00	27.00	1.00	ROUTE 514	3	1	1	1	0	0	131.032	12.0794	YES	YES	2	County	Principal Arterial - Other	None	687	85%	44%
100	10	NJTPA	MIDDLESEX	WOODBIDGE TWP	1200604	3.51	4.51	1.00	MIDDLESEX COUNTY 604	6	0	1	2	3	0	123.855	11.4178	YES	YES	2	County	Principal Arterial - Other	None	637	94%	47%
104	11	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	0000027	15.60	16.60	1.00	NI 27	9	0	0	5	3	1	119.529	10.927	YES	YES	2	N.J.D.O.T.	Principal Arterial - Other	None	315	96%	68%
108	12	NJTPA	MIDDLESEX	PERTH AMBOY CITY	1200611	0.00	1.00	1.00	MIDDLESEX COUNTY 611	10	0	0	3	6	1	117.678	10.7562	YES	YES	2	County	Minor Arterial	Painted Median	722	98%	89%
135	13	NJTPA	MIDDLESEX	CARTERET BORO	12006022	1.77	2.77	1.00	MIDDLESEX COUNTY 602 II	5	0	1	1	3	0	106.657	9.8324	YES	YES	2	County	Minor Arterial	Painted Median	838	84%	49%
145	14	NJTPA	MIDDLESEX	WOODBIDGE TWP	1200604	6.30	7.30	1.00	MIDDLESEX COUNTY 604	4	0	1	2	1	0	102.160	9.4178	YES	YES	2	County	Minor Arterial	None	661	75%	38%
183	15	NJTPA	MIDDLESEX	PERTH AMBOY CITY	1200616	1.27	2.27	1.00	MIDDLESEX COUNTY 616	4	0	1	0	3	0	89.460	8.247	YES	YES	2	County	Minor Arterial	None	996	98%	67%
183	15	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161046	0.00	0.76	0.76	BRACE AVE	4	0	1	0	3	0	89.460	8.247	YES	YES	2	Municipal	Minor Collector	None	566	98%	69%
190	17	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	1200672	0.71	1.71	1.00	MIDDLESEX COUNTY 672	4	1	0	1	1	1	85.962	7.8324	YES	YES	2	County	Minor Arterial	None	315	91%	88%
198	18	NJTPA	MIDDLESEX	PERTH AMBOY CITY	1200653	0.08	1.08	1.00	MIDDLESEX COUNTY 653	3	0	1	1	1	0	84.962	7.8324	YES	YES	2	County	Major Collector	None	566	98%	69%
212	19	NJTPA	MIDDLESEX	PERTH AMBOY CITY	1200616	2.70	3.02	0.32	MIDDLESEX COUNTY 616	3	0	1	0	2	0	78.613	7.247	YES	YES	2	County	Minor Arterial	None	722	98%	67%
228	20	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141030	0.10	0.77	0.67	REDMOND ST	3	0	1	1	0	1	75.115	6.8324	YES	YES	2	Municipal	Local	None	315	97%	88%
232	21	NJTPA	MIDDLESEX	PISCATAWAY TWP	1200622	2.76	3.76	1.00	MIDDLESEX COUNTY 622	2	0	1	1	0	0	74.115	6.8324	YES	YES	2	County	Principal Arterial - Other	None	991	78%	56%
232	21	NJTPA	MIDDLESEX	WOODBIDGE TWP	1200604	8.46	9.46	1.00	MIDDLESEX COUNTY 604	2	1	0	1	0	0	74.115	6.8324	YES	YES	2	County	Minor Arterial	None	539	90%	45%
232	21	NJTPA	MIDDLESEX	CRANBURY TWP	0000535	14.18	15.18	1.00	ROUTE 535	2	0	1	1	0	0	74.115	6.8324	NO	NO	2	County	Principal Arterial - Other	None	1,570	26%	5%
275	24	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161166	0.10	0.30	0.20	MAPLE ST	2	0	1	0	1	0	67.765	6.247	YES	YES	1	Municipal	Local	None	722	98%	67%
321	25	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	1200603	2.75	3.75	1.00	MIDDLESEX COUNTY 603	5	0	0	3	1	1	63.439	5.7562	YES	YES	2	County	Minor Arterial	None	867	94%	67%
333	26	NJTPA	MIDDLESEX	SAYREVILLE BORO	0000535	26.74	27.74	1.00	ROUTE 535	2	1	0	0	0	1	57.917	5.247	YES	YES	2	County	Minor Arterial	Painted Median	600	66%	46%
333	26	NJTPA	MIDDLESEX	WOODBIDGE TWP	12251535	0.30	0.68	0.38	LEEVILLE AVE	2	0	1	0	0	1	57.917	5.247	YES	YES	2	Municipal	Minor Collector	None	586	99%	59%
351	28	NJTPA	MIDDLESEX	EDISON TWP	0000514	28.20	29.20	1.00	ROUTE 514	1	1	0	0	0	0	56.917	5.247	YES	YES	2	County	Principal Arterial - Other	None	680	76%	55%
351	28	NJTPA	MIDDLESEX	EDISON TWP	12051656	0.10	0.45	0.35	JOHNATHAN DR	1	1	0	0	0	0	56.917	5.247	YES	YES	2	Municipal	Local	None	857	85%	24%
351	28	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161130	0.50	0.52	0.02	MECHANIC ST	1	0	1	0	0	0	56.917	5.247	YES	YES	2	Municipal	Local	None	996	98%	69%
351	28	NJTPA	MIDDLESEX	EDISON TWP	0000501	5.13	6.13	1.00	ROUTE 501	1	1	0	0	0	0	56.917	5.247	YES	YES	2	County	Principal Arterial - Other	None	665	76%	35%
351	28	NJTPA	MIDDLESEX	EDISON TWP	12051769	0.62	0.73	0.11	KING GEORGES POST RD	1	1	0	0	0	0	56.917	5.247	YES	NO	4	Municipal	Minor Arterial	Painted Median	1,221	76%	20%
351	28	NJTPA	MIDDLESEX	MILLTOWN BORO	1200617	5.44	6.44	1.00	MIDDLESEX COUNTY 617	1	0	1	0	0	0	56.917	5.247	YES	YES	2	County	Principal Arterial - Other	None	746	70%	74%
351	28	NJTPA	MIDDLESEX	SOUTH RIVER BORO	12231125	0.03	0.19	0.16	THOMAS ST	1	0	1	0	0	0	56.917	5.247	YES	YES	2	Municipal	Minor Collector	None	600	66%	46%
351	28	NJTPA	MIDDLESEX	DUNELLEN BORO	12031001	0.07	0.18	0.11	ORANGE ST	1	0	1	0	0	0	56.917	5.247	YES	YES	2	Municipal	Local	None	950	99%	44%
351	28	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171603	2.32	2.56	0.24	CENTENNIAL AVE	1	0	1	0	0	0	56.917	5.247	YES	YES	2	Municipal	Minor Arterial	Grass Median	445	64%	8%
351	28	NJTPA	MIDDLESEX	EDISON TWP	1200630	0.15	1.11	0.96	MIDDLESEX COUNTY 630	1	0	1	0	0	0	56.917	5.247	YES	YES	2	County	Minor Arterial	None	810	83%	29%
351	28	NJTPA	MIDDLESEX	EDISON TWP	12051815	0.85	0.86	0.01	EDISON TWP	1	0	1	0	0	0	56.917	5.247	YES	YES	2	Municipal	Local	None	857	85%	24%
351	28	NJTPA	MIDDLESEX	SAYREVILLE BORO	12191363	0.36	1.36	1.00	ERNSTON RD	1	1	0	0	0	0	56.917	5.247	YES	YES	2	Municipal	Minor Arterial	Other	573	82%	37%
351	28	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171603	1.13	2.13	1.00	CENTENNIAL AVE	1	0	1	0	0	0	56.917	5.247	YES	YES	2	Municipal	Minor Arterial	Curbed Median	445	70%	29%
351	28	NJTPA	MIDDLESEX	EDISON TWP	0000501	1.48	2.48	1.00	ROUTE 501	1	0	1	0	0	0	56.917	5.247	YES	YES	2	County	Principal Arterial - Other				

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

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

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

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

EJ Area Thresholds		
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Low-Income %	>=	22%

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										Total Crashes	K	A	B	C	O											
1000	92	NJTPA	MIDDLESEX	EDISON TWP	12051283	0.13	0.33	0.20	BLOSSOM ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	Painted Median	687	85%	34%
1000	92	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	12221161	0.30	0.86	0.56	GEAR DR	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	928	60%	21%
1000	92	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091085	0.88	1.04	0.04	THROCKMORTEN CT	1	0	0	1	0	0	17.197	1.5854	YES	NO	2	Municipal	Local	None	1,265	47%	25%
1000	92	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12000691	0.80	1.32	0.52	MIDDLESEX COUNTY 691	1	0	0	1	0	0	17.197	1.5854	YES	YES	4	County	Minor Arterial	None	315	97%	88%
1000	92	NJTPA	MIDDLESEX	OLD BRIDGE TWP	00000527	36.51	37.51	1.00	ROUTE 527	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	County	Minor Arterial	None	705	42%	38%
1000	92	NJTPA	MIDDLESEX	MONROE TWP	00000522	11.03	12.03	1.00	ROUTE 522	1	0	0	1	0	0	17.197	1.5854	NO	NO	2	County	Minor Arterial	None	1,301	41%	21%
1000	92	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12251655	0.40	0.54	0.14	HAYES AV	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	709	59%	22%
1000	92	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171526	0.00	0.62	0.62	BUCKINGHAM DR	1	0	0	1	0	0	17.197	1.5854	YES	NO	2	Municipal	Local	None	1,249	88%	56%
1000	92	NJTPA	MIDDLESEX	EDISON TWP	12051563	0.10	0.71	0.61	JAMES ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Minor Arterial	None	810	83%	29%
1000	92	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141016	0.30	0.46	0.16	LAWRENCE ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	996	97%	84%
1000	92	NJTPA	MIDDLESEX	DUNELLEN BORO	12031011	0.00	0.21	0.21	GROVE ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Major Collector	None	950	99%	44%
1000	92	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171192	0.30	0.43	0.13	DUPONT AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	782	81%	35%
1000	92	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161147	0.20	0.28	0.08	WAYNE ST	1	0	0	1	0	0	17.197	1.5854	YES	NO	2	Municipal	Local	None	1,052	98%	69%
1000	92	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12251882	0.00	0.08	0.08	VERA LA	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	637	92%	27%
1000	92	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	12211081	0.00	1.00	1.00	STOUTS LA	1	0	0	1	0	0	17.197	1.5854	YES	NO	2	Municipal	Major Collector	None	1,347	75%	13%
1000	92	NJTPA	MIDDLESEX	METUCHEN BORO	12101185	0.10	0.18	0.08	ELM AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	810	58%	21%
1000	92	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091534	0.20	0.28	0.08	DOWNING RD	1	0	0	1	0	0	17.197	1.5854	YES	NO	2	Municipal	Minor Collector	None	1,085	82%	37%
1000	92	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12251509	0.00	0.32	0.32	LENOX AV	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	558	77%	42%
1000	92	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12041705	2.10	3.10	1.00	DUNHAM'S CORNER RD	1	0	0	1	0	0	17.197	1.5854	YES	NO	2	Municipal	Minor Arterial	None	1,078	80%	18%
1000	92	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12000608	2.22	2.36	0.14	MIDDLESEX COUNTY 608	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	County	Minor Arterial	None	992	80%	29%
1000	92	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12000693	0.60	1.10	0.50	MIDDLESEX COUNTY 693	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	County	Minor Arterial	None	397	96%	88%
1000	92	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	00000535	20.53	21.53	1.00	ROUTE 535	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	County	Principal Arterial - Other	Painted Median	495	57%	19%
1000	92	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091223	0.00	0.67	0.67	PREST MILL DR	1	0	0	1	0	0	17.197	1.5854	YES	NO	2	Municipal	Local	None	1,636	45%	25%
1000	92	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141109	0.20	0.37	0.17	BARTLETT ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	397	91%	88%
1000	92	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	12221041	0.13	0.29	0.16	ST JAMES PL	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	749	55%	21%
1000	92	NJTPA	MIDDLESEX	EDISON TWP	00000514	29.38	30.38	1.00	ROUTE 514	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	County	Principal Arterial - Other	Curbed Median	680	76%	51%
1000	92	NJTPA	MIDDLESEX	EDISON TWP	12052040	1.00	2.00	1.00	NEW DOVER RD	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Major Collector	Painted Median	857	91%	39%
1000	92	NJTPA	MIDDLESEX	MONROE TWP	12131098	0.00	0.11	0.11	AVE G	1	0	0	1	0	0	17.197	1.5854	NO	YES	2	Municipal	Local	None	890	37%	18%
1000	92	NJTPA	MIDDLESEX	SAYREVILLE BORO	12191382	0.00	0.43	0.43	SAYREVILLE BLVD	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	871	76%	24%
1000	92	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12252022	0.10	0.22	0.12	FLORIDA GROVE RD	1	0	0	1	0	0	17.197	1.5854	YES	NO	2	Municipal	Local	None	1,319	93%	67%
1000	92	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12251224	0.15	0.37	0.22	GRENVILLE ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	563	78%	38%
1000	92	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12251815	0.10	0.45	0.35	BRADFORD PL	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	865	100%	47%
1000	92	NJTPA	MIDDLESEX	EDISON TWP	12000661	0.00	1.00	1.00	MIDDLESEX COUNTY 661	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	County	Minor Arterial	None	644	82%	16%
1000	92	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171319	0.00	0.26	0.26	VALMERE AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	782	90%	35%
1000	92	NJTPA	MIDDLESEX	MIDDLESEX BORO	12000622	6.88	7.44	0.56	MIDDLESEX COUNTY 622	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	County	Principal Arterial - Other	None	602	88%	43%
1000	92	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	122110882	2.50	3.46	0.86	FRESH PONDS RD	1	0	0	1	0	0	17.197	1.5854	YES	NO	2	Municipal	Major Collector	None	1,078	57%	7%
1000	92	NJTPA	MIDDLESEX	EDISON TWP	00000531	3.00	4.00	1.00	ROUTE 531	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	County	Minor Arterial	None	644	91%	12%
1000	92	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171419	0.00	0.62	0.62	DAVIS AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	782	81%	35%
1000	92	NJTPA	MIDDLESEX	CARTERET BORO	12011053	0.00	0.24	0.24	CHRISTOPHER ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	838	94%	49%
1000	92	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12251688	0.00	0.28	0.28	CLARIDGE PL	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	709	59%	15%
1000	92	NJTPA	MIDDLESEX	METUCHEN BORO	12101109	0.60	0.81	0.21	HUXLEY AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Minor Collector	None	846	58%	21%
1000	92	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12251524	0.60	0.76	0.16	E WOODRIDGE AV	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	558	87%	39%
1000	92	NJTPA	MIDDLESEX	EDISON TWP	12052169	0.30	0.73	0.43	TRUMAN DR S	1	0	0	1	0	0	17.197	1.5854	YES	NO	2	Municipal	Major Collector	None	1,443	98%	50%
1000	92	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12252087	0.00	0.07	0.07	AMHERST AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Minor Collector	None	709	59%	13%
1000	92	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12000650	0.20	1.20	1.00	MIDDLESEX COUNTY 650	1	0	0	1	0	0	17.197	1.5854	RY NOT FOUND IN RCY	RY NOT FOUND IN ROADWAY NETWORK	2	Unknown	Unknown	None	N/A	N/A	N/A
1000	92	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12251813	0.36	0.79	0.43	MAGNOLIA RD	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	865	100%	47%
1000	92	NJTPA	MIDDLESEX	PERTH AMBO																						

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian 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

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

Equivalent Property Damage Only (ePDO) Score Weights				
Crash Severity	KABCO Scale	2023 Dollars	ePDO Value (K=A)	eC Value (K=A)
Fatal	K	\$14,277,743	56.9173	5,2470
Incapacitating Injury	A	\$826,309	56.9173	5,2470
Non-incapacitating Injury	B	\$249,666	17.1973	1.5854
Possible Injury	C	\$157,482	10.8476	1.0000
Property Damage Only	PDO	\$14,518	1.0000	-

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

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

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

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

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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.

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											
1655	166	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091646	1.50	2.50	1.00	GAUB RD	1	0	0	0	1	0	10.848	1	YES	NO	2	Municipal	Major Collector	None	1,265	47%	25%
1655	166	NJTPA	MIDDLESEX	SAYREVILLE BORO	12191443	0.20	0.43	0.23	LAKEVIEW DR	1	0	0	0	1	0	10.848	1	YES	NO	2	Municipal	Local	None	1,008	84%	43%
1655	166	NJTPA	MIDDLESEX	CARTERET BORO	12011120	0.10	0.30	0.10	ESSEX ST	1	0	0	0	1	0	10.848	1	YES	NO	2	Municipal	Local	None	539	90%	45%
1655	166	NJTPA	MIDDLESEX	WOODBIDGE TWP	12000650	1.30	2.30	1.00	MIDDLESEX COUNTY 650	1	0	0	0	1	0	10.848	1	RY NOT FOUND IN RCY	RY NOT FOUND IN ROADWAY NETWORK	2	Municipal	Unknown	None	N/A	N/A	N/A
1655	166	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171052	0.20	0.38	0.18	LUDLOW ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	754	71%	56%
1655	166	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	12221197	0.00	0.38	0.38	FOSTER AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	928	100%	67%
1655	166	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	120006032	0.00	0.26	0.26	MIDDLESEX COUNTY 603 II	1	0	0	0	1	0	10.848	1	RY NOT FOUND IN RCY	RY NOT FOUND IN ROADWAY NETWORK	2	Unknown	Unknown	None	N/A	N/A	N/A
1655	166	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141219	0.10	0.27	0.17	HAMILTON ST	1	0	0	0	1	0	10.848	1	RY NOT FOUND IN RCY	RY NOT FOUND IN ROADWAY NETWORK	2	Unknown	Unknown	None	N/A	N/A	N/A
1655	166	NJTPA	MIDDLESEX	PISCATAWAY TWP	12000671	0.00	0.55	0.55	MIDDLESEX COUNTY 671	1	0	0	0	1	0	10.848	1	RY NOT FOUND IN RCY	RY NOT FOUND IN ROADWAY NETWORK	2	Unknown	Unknown	None	N/A	N/A	N/A
1655	166	NJTPA	MIDDLESEX	PERTH AMBOY CITY	00000035	53.80	54.80	1.00	NI 35	1	0	0	0	1	0	10.848	1	YES	YES	4	N.J.D.O.T.	Principal Arterial - Other	None	563	96%	50%
1655	166	NJTPA	MIDDLESEX	WOODBIDGE TWP	00000035	56.20	57.20	1.00	NI 35	1	0	0	0	1	0	10.848	1	YES	YES	5	N.J.D.O.T.	Principal Arterial - Other	None	470	87%	39%
1655	166	NJTPA	MIDDLESEX	EDISON TWP	00000501	3.77	4.77	1.00	ROUTE 501	1	0	0	0	1	0	10.848	1	YES	YES	2	County	Principal Arterial - Other	None	209	75%	27%
1655	166	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161152	0.40	0.54	0.14	LEWIS ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Minor Collector	None	722	97%	65%
1655	166	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12151163	0.20	0.42	0.22	VILLAGE DR E	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	507	75%	45%
1655	166	NJTPA	MIDDLESEX	DUNELLEN BORO	12031016	0.10	0.69	0.59	MADISON AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	950	66%	36%
1655	166	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161158	0.18	0.50	0.32	KING ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	722	97%	65%
1655	166	NJTPA	MIDDLESEX	SAYREVILLE BORO	00000035	31.20	32.20	1.00	ROUTE 535	1	0	0	0	1	0	10.848	1	YES	YES	2	County	Minor Arterial	None	867	49%	38%
1655	166	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161144	0.10	0.42	0.32	CHARLES ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	956	98%	69%
1655	166	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	12071028	0.60	1.05	0.45	5 5TH AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	687	85%	44%
1655	166	NJTPA	MIDDLESEX	WOODBIDGE TWP	12000646	0.69	1.16	0.47	MIDDLESEX COUNTY 646	1	0	0	0	1	0	10.848	1	YES	YES	2	County	Minor Arterial	Barrier Median	470	92%	20%
1655	166	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12151265	0.45	0.69	0.24	NASSAU ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Major Collector	None	507	92%	67%
1655	166	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	12211689	0.30	0.96	0.66	HENDERSON RD	1	0	0	0	1	0	10.848	1	YES	NO	2	Municipal	Local	None	1,250	79%	18%
1655	166	NJTPA	MIDDLESEX	EDISON TWP	12000660	0.90	1.15	0.25	MIDDLESEX COUNTY 660	1	0	0	0	1	0	10.848	1	YES	YES	2	County	Major Collector	None	809	75%	29%
1655	166	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161097	0.36	0.45	0.09	KEENE ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	Barrier Median	566	98%	69%
1655	166	NJTPA	MIDDLESEX	WOODBIDGE TWP	12251572	0.00	0.39	0.39	MIDDLESEX TPK	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	637	94%	47%
1655	166	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12000606	3.42	4.42	1.00	MIDDLESEX COUNTY 606	1	0	0	0	1	0	10.848	1	YES	YES	2	County	Minor Arterial	None	507	54%	36%
1655	166	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161092	0.30	1.03	0.73	WASHINGTON ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	Unknown	996	98%	67%
1655	166	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091340	0.00	0.33	0.33	SUMMERFIELD AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	394	60%	35%
1655	166	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	00000522	1.26	2.26	1.00	ROUTE 522	1	0	0	0	1	0	10.848	1	YES	YES	2	County	Minor Arterial	Grass Median	898	89%	13%
1655	166	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091157	0.06	0.16	0.10	WOODCREST DR	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	705	51%	13%
1655	166	NJTPA	MIDDLESEX	EDISON TWP	12052043	0.20	0.92	0.72	GROVE AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Major Collector	None	857	91%	24%
1655	166	NJTPA	MIDDLESEX	CARTERET BORO	12011045	0.00	0.42	0.42	ST VOLODYMYR AV	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	Painted Median	539	84%	49%
1655	166	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161112	0.30	0.41	0.11	GARRETSON AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	566	98%	69%
1655	166	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12000690	0.84	0.91	0.07	MIDDLESEX COUNTY 690	1	0	0	0	1	0	10.848	1	YES	NO	3	County	Minor Arterial	None	1,416	47%	38%
1655	166	NJTPA	MIDDLESEX	PISCATAWAY TWP	12111166	0.00	1.00	1.00	WILLIAM ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Major Collector	None	602	83%	48%
1655	166	NJTPA	MIDDLESEX	EDISON TWP	12051067	0.00	0.27	0.27	DAYTON RD	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	564	79%	28%
1655	166	NJTPA	MIDDLESEX	WOODBIDGE TWP	12251130	0.00	0.13	0.13	S LOUIS ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	704	91%	35%
1655	166	NJTPA	MIDDLESEX	METUCHEN BORO	12101211	0.00	0.50	0.50	DURHAM AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Minor Collector	Painted Median	564	79%	18%
1655	166	NJTPA	MIDDLESEX	OLD BRIDGE TWP	00000516	3.31	4.31	1.00	ROUTE 516	1	0	0	0	1	0	10.848	1	YES	NO	2	County	Minor Arterial	Painted Median	1,069	51%	25%
1655	166	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171212	0.74	0.98	0.24	HAMILTON BLVD	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	782	96%	35%
1655	166	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171301	0.10	0.28	0.18	W THIRD ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Minor Collector	None	856	100%	45%
1655	166	NJTPA	MIDDLESEX	MIDDLESEX BORO	12000607	2.61	2.69	0.08	MIDDLESEX COUNTY 607	1	0	0	0	1	0	10										