

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	-

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

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

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 state of the information. This list is subject to update as more information becomes available.

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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
19	1	NJTPA	UNION	KENILWORTH BORO	0000509	10.22	11.22	1.00	ROUTE 509	9	0	3	1	5	0	242.187	22.3264	YES	YES	4	County	Minor Arterial	Painted Median	679	80%	72%
21	2	NJTPA	UNION	LINDEN CITY	2000617	1.85	2.85	1.00	UNION COUNTY 617	11	2	0	6	2	1	299.714	22.0064	YES	YES	2	County	Minor Arterial	None	424	97%	46%
28	3	NJTPA	UNION	PLAINFIELD CITY	2000620	0.25	1.25	1.00	UNION COUNTY 620	12	1	1	2	6	2	215.315	19.6648	YES	YES	2	County	Minor Arterial	None	805	100%	74%
33	4	NJTPA	UNION	PLAINFIELD CITY	0000531	8.06	9.06	1.00	ROUTE 531	11	1	1	7	1	1	207.965	19.0794	YES	YES	2	County	Minor Arterial	None	931	100%	74%
46	5	NJTPA	UNION	CRANFORD TWP	2000610	5.21	6.21	1.00	UNION COUNTY 610	4	0	3	0	1	0	181.599	16.741	YES	YES	2	County	Minor Arterial	None	513	64%	28%
68	6	NJTPA	UNION	ELIZABETH CITY	20041420	0.90	1.90	1.00	ELIZABETH AVE	11	0	0	7	3	1	153.924	14.0978	YES	YES	2	Municipal	Minor Arterial	Painted Median	342	100%	74%
84	7	NJTPA	UNION	PLAINFIELD CITY	0000028	14.50	15.50	1.00	NI 28	8	0	1	2	4	1	135.702	12.4178	YES	YES	2	County	Principal Arterial - Other	None	805	100%	74%
114	8	NJTPA	UNION	WESTFIELD TOWN	0000509	6.92	7.92	1.00	ROUTE 509	6	0	1	2	2	1	114.007	10.4178	YES	YES	2	County	Minor Arterial	None	740	54%	21%
128	9	NJTPA	UNION	FANWOOD BORO	2000655	3.52	4.52	1.00	UNION COUNTY 655	4	0	1	3	0	0	108.509	10.0032	YES	YES	2	County	Principal Arterial - Other	None	654	78%	32%
135	10	NJTPA	UNION	UNION TWP	2000619	3.00	4.00	1.00	UNION COUNTY 619	5	1	0	1	3	0	106.657	9.8324	YES	YES	2	County	Minor Arterial	Painted Median	492	68%	29%
145	11	NJTPA	UNION	UNION TWP	0000509	12.14	13.14	1.00	ROUTE 509	4	0	1	2	1	0	102.160	9.4178	YES	YES	2	County	Minor Arterial	None	492	68%	28%
178	12	NJTPA	UNION	PLAINFIELD CITY	2000601	1.00	2.00	1.00	UNION COUNTY 601	6	0	0	4	2	0	90.484	8.3416	YES	YES	2	County	Minor Arterial	None	805	100%	74%
190	13	NJTPA	UNION	RAHWAY CITY	2000613	4.38	5.38	1.00	UNION COUNTY 613	4	0	1	1	1	1	85.962	7.8324	YES	YES	2	County	Principal Arterial - Other	Painted Median	507	76%	31%
210	14	NJTPA	UNION	HILLSIDE TWP	2000623	1.98	2.98	1.00	UNION COUNTY 623	5	0	0	4	1	0	79.637	7.3416	YES	YES	2	County	Minor Arterial	None	588	100%	89%
212	15	NJTPA	UNION	ELIZABETH CITY	20041416	0.00	1.00	1.00	IRVINGTON AVE	3	0	1	0	2	0	78.613	7.247	YES	YES	2	Municipal	Minor Arterial	None	342	100%	74%
212	15	NJTPA	UNION	LINDEN CITY	0000514	40.31	41.31	1.00	ROUTE 514	3	1	0	0	2	0	78.613	7.247	YES	YES	2	County	Minor Arterial	None	730	97%	46%
224	17	NJTPA	UNION	UNION TWP	2000619	4.79	5.79	1.00	UNION COUNTY 619	6	0	0	2	4	0	77.785	7.1708	YES	YES	2	County	Minor Arterial	None	488	95%	43%
227	18	NJTPA	UNION	HILLSIDE TWP	0000509	13.74	14.74	1.00	ROUTE 509	7	0	0	3	2	2	75.287	6.7562	YES	YES	2	County	Minor Arterial	None	439	100%	60%
228	19	NJTPA	UNION	ROSELLE BORO	20141072	0.20	1.20	1.00	HOPE ST	3	0	1	1	0	1	75.115	6.8324	YES	YES	2	Municipal	Local	None	478	100%	64%
232	20	NJTPA	UNION	LINDEN CITY	20091289	0.70	1.70	1.00	LINDEN AVE	2	0	1	0	0	0	74.115	6.8324	YES	YES	2	Municipal	Major Collector	Painted Median	424	98%	64%
232	20	NJTPA	UNION	UNION TWP	2000630	0.39	1.39	1.00	UNION COUNTY 630	2	0	1	1	0	0	74.115	6.8324	YES	YES	2	County	Minor Arterial	None	447	96%	43%
232	20	NJTPA	UNION	ELIZABETH CITY	20041017	1.15	1.25	0.10	3RD ST	2	0	1	1	0	0	74.115	6.8324	YES	YES	2	Municipal	Local	Painted Median	577	100%	74%
270	23	NJTPA	UNION	ROSELLE PARK BORO	2000627	0.17	1.08	0.91	UNION COUNTY 627	4	0	0	4	0	0	68.789	6.3416	YES	YES	2	County	Major Collector	None	492	98%	56%
270	23	NJTPA	UNION	LINDEN CITY	0000514	42.36	43.36	1.00	ROUTE 514	4	0	0	4	0	0	68.789	6.3416	YES	YES	2	County	Minor Arterial	Painted Median	739	100%	68%
275	25	NJTPA	UNION	CRANFORD TWP	2000607	3.17	4.17	1.00	UNION COUNTY 607	2	1	0	0	1	0	67.765	6.247	YES	YES	2	County	Minor Arterial	None	618	59%	25%
275	25	NJTPA	UNION	CRANFORD TWP	2000615	4.10	5.10	1.00	UNION COUNTY 615	2	1	0	0	1	0	67.765	6.247	YES	YES	2	County	Minor Arterial	None	764	51%	26%
275	25	NJTPA	UNION	ELIZABETH CITY	2000629	0.19	0.74	0.55	UNION COUNTY 629	2	0	1	0	1	0	67.765	6.247	YES	YES	2	County	Minor Arterial	Painted Median	588	97%	74%
333	28	NJTPA	UNION	RAHWAY CITY	2000621	0.52	1.52	1.00	UNION COUNTY 621	2	0	1	0	0	1	57.917	5.247	YES	YES	2	County	Major Collector	Painted Median	513	99%	59%
333	28	NJTPA	UNION	LINDEN CITY	2000615	1.42	2.42	1.00	UNION COUNTY 615	2	0	1	0	0	1	57.917	5.247	YES	YES	2	County	Minor Arterial	Painted Median	278	74%	46%
348	30	NJTPA	UNION	ELIZABETH CITY	20041044	0.20	0.78	0.58	3RD ST	5	0	0	2	2	1	57.090	5.1708	YES	YES	2	Municipal	Local	Painted Median	342	100%	74%
351	31	NJTPA	UNION	UNION TWP	2000616	4.85	5.11	0.26	UNION COUNTY 616	1	1	0	0	0	0	56.917	5.247	YES	YES	2	County	Minor Arterial	None	492	68%	29%
351	31	NJTPA	UNION	PLAINFIELD CITY	20121196	0.20	0.38	0.18	LEE FL	1	1	0	0	0	0	56.917	5.247	YES	YES	2	Municipal	Local	None	867	100%	74%
351	31	NJTPA	UNION	ELIZABETH CITY	2000612	2.23	3.06	0.83	UNION COUNTY 612	1	0	1	0	0	0	56.917	5.247	YES	YES	2	County	Minor Arterial	None	577	100%	74%
351	31	NJTPA	UNION	ELIZABETH CITY	20041075	0.10	0.30	0.10	5TH AVE	1	1	0	0	0	0	56.917	5.247	YES	YES	2	Local	Local	Painted Median	577	100%	72%
351	31	NJTPA	UNION	PLAINFIELD CITY	20121006	0.93	1.21	0.28	W. 8TH ST	1	1	0	0	0	0	56.917	5.247	YES	YES	2	Municipal	Local	None	867	100%	67%
351	31	NJTPA	UNION	ROSELLE PARK BORO	20151012	0.35	0.39	1.04	0	1	0	0	0	0	56.917	5.247	YES	YES	2	Municipal	Local	None	478	92%	39%	
351	31	NJTPA	UNION	ELIZABETH CITY	20041394	0.50	0.93	0.43	YORK ST	1	1	0	0	0	0	56.917	5.247	YES	YES	2	Municipal	Major Collector	None	342	100%	74%
351	31	NJTPA	UNION	SPRINGFIELD TWP	0000124	11.10	12.10	1.00	NI 124	1	1	0	0	0	0	56.917	5.247	YES	YES	2	N.J.D.O.T.	Principal Arterial - Other	None	790	85%	34%
351	31	NJTPA	UNION	NEW PROVIDENCE BORO	2000647	2.01	2.58	0.57	UNION COUNTY 647	1	0	1	0	0	0	56.917	5.247	NO	NO	2	County	Minor Arterial	None	1,094	39%	13%
351	31	NJTPA	UNION	PLAINFIELD CITY	0000531	7.03	8.03	1.00	ROUTE 531	1	1	0	0	0	0	56.917	5.247	YES	YES	2	County	Minor Arterial	None	596	100%	74%
351	31	NJTPA	UNION	ELIZABETH CITY	20041151	0.00	0.09	0.09	MORRIS AVE	1	0	1	0	0	0	56.917	5.247	YES	YES	2	Municipal	Local	None	577	99%	74%

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Crash Filtering Criteria:

Source Table	Query Logic	Source Table Field	Readable Field	Query Values	Description
Safety Voyager Accidents Table	AND	year	Year	BETWEEN 2016 AND 2020	Years 2016, 2017, 2018, 2019, 2020
		mun_cty_co	County	IN ('02', '07', '09', '10', '12', '13', '14', '15', '16', '18', '19', '20', '21')	02 - Bergen; 07 - Essex; 09 - Hudson; 10 - Hunterdon; 12 - Middlesex; 13 - Monmouth; 14 - Morris; 15 - Ocean; 16 - Passaic; 18 - Somerset; 19 - Sussex; 20 - Union; 21 - Warren
		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	IS=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		
Minority %	>=	45%
Low-Income %	>=	22%

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										Total Crashes	K	A	B	C	O												
1000	82	NJTPA	UNION	ELIZABETH CITY	20041172	0.00	0.29	0.29	VIRGINIA ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	706	97%	89%	
1000	82	NJTPA	UNION	ELIZABETH CITY	20041325	0.00	0.07	0.07	STEWART PL	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	817	100%	68%	
1000	82	NJTPA	UNION	ELIZABETH CITY	20041388	1.14	1.29	1.00	FRONT ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	734	100%	74%	
1000	82	NJTPA	UNION	PLAINFIELD CITY	20121178	0.00	0.24	0.24	BERKELEY TER	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Minor Arterial	Unknown	882	99%	64%	
1000	82	NJTPA	UNION	RAHWAY CITY	20131247	0.20	0.71	0.51	MAIN ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Minor Arterial	None	513	99%	60%	
1000	82	NJTPA	UNION	ELIZABETH CITY	20041100	0.40	0.49	0.09	FLORA ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	Painted Median	342	100%	74%	
1000	82	NJTPA	UNION	ROSELLE BORO	20000616	1.22	2.22	1.00	UNION COUNTY 616	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	County	Minor Arterial	None	724	96%	64%	
1000	82	NJTPA	UNION	RAHWAY CITY	20131174	0.00	0.24	0.24	W. HAZLEWOOD AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	513	85%	46%	
1000	82	NJTPA	UNION	RAHWAY CITY	20131126	0.30	0.80	0.50	MADISON AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	Painted Median	513	87%	46%	
1000	82	NJTPA	UNION	ROSELLE BORO	20151219	0.10	0.28	0.18	WALNUT ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	1	Municipal	Major Collector	None	671	100%	56%	
1000	82	NJTPA	UNION	PLAINFIELD CITY	20000601	2.20	3.20	1.00	UNION COUNTY 601	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	County	Minor Arterial	None	443	99%	64%	
1000	82	NJTPA	UNION	UNION TWP	20000616	3.42	4.42	1.00	UNION COUNTY 616	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	County	Minor Arterial	None	478	92%	61%	
1000	82	NJTPA	UNION	ELIZABETH CITY	20041047	0.10	0.32	0.22	INSLEY PL	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	342	99%	74%	
1000	82	NJTPA	UNION	UNION TWP	20191356	0.20	0.47	0.27	GOLF TER	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	515	71%	15%	
1000	82	NJTPA	UNION	BERKELEY HEIGHTS TWP	00000512	24.56	25.56	1.00	ROUTE 512	1	0	0	1	0	0	17.197	1.5854	NO	YES	2	County	Minor Arterial	Painted Median	949	28%	21%	
1000	82	NJTPA	UNION	LINDEN CITY	20091276	0.19	0.20	0.01	HAMPDEN ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	632	74%	17%	
1000	82	NJTPA	UNION	ROSELLE BORO	20000625	0.52	0.69	0.17	UNION COUNTY 625	1	0	0	1	0	0	17.197	1.5854	YES	YES	3	County	Major Collector	None	492	100%	56%	
1000	82	NJTPA	UNION	NEW PROVIDENCE BORO	20111172	0.00	0.47	0.47	HILLARY PL	1	0	0	1	0	0	17.197	1.5854	NO	NO	2	Municipal	Local	None	1,232	24%	12%	
1000	82	NJTPA	UNION	UNION TWP	20000630	1.90	2.90	1.00	UNION COUNTY 630	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	County	Minor Arterial	None	488	95%	43%	
1000	82	NJTPA	UNION	UNION TWP	20000656	0.25	0.71	0.46	UNION COUNTY 656	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	County	Local	None	515	100%	43%	
1000	82	NJTPA	UNION	UNION TWP	20191259	0.20	0.61	0.41	GARDEN ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	Unknown	679	70%	29%	
1000	82	NJTPA	UNION	SCOTCH PLAINS TWP	20161099	0.02	0.31	0.29	MONTAGUE AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	654	69%	22%	
1000	82	NJTPA	UNION	RAHWAY CITY	20131055	0.10	0.27	0.17	CAMPBELL ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	513	99%	60%	
1000	82	NJTPA	UNION	HILLSIDE TWP	20000631	0.88	1.88	1.00		1	0	0	1	0	0	17.197	1.5854	RY NOT FOUND IN RCY	RY NOT FOUND IN ROADWAY NETWORK		Unknown	Unknown	None	N/A	N/A	N/A	
1000	82	NJTPA	UNION	ROSELLE BORO	20041292	1.90	2.35	0.45	PENNINGTON ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Minor Collector	None	513	100%	56%	
1000	82	NJTPA	UNION	SPRINGFIELD TWP	20171116	0.02	0.50	0.48	TOOKER AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	790	61%	34%	
1000	82	NJTPA	UNION	ELIZABETH CITY	20041326	0.00	0.09	0.09	GARDEN ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	Painted Median	2	817	100%	68%
1000	82	NJTPA	UNION	SCOTCH PLAINS TWP	20051024	0.60	1.00	0.40	FARLEY AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	654	98%	64%	
1000	82	NJTPA	UNION	ELIZABETH CITY	20041082	0.10	0.36	0.26	S. 7TH ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	Painted Median	342	100%	72%	
1000	82	NJTPA	UNION	ROSELLE BORO	20141213	0.00	0.55	0.55	W 9TH AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	618	100%	64%	
1000	82	NJTPA	UNION	SCOTCH PLAINS TWP	20121331	5.10	6.10	1.00	S SECOND ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Major Collector	None	654	69%	22%	
1000	82	NJTPA	UNION	ELIZABETH CITY	20041317	0.00	0.19	0.19	WILLIAMSON ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	County	Local	Painted Median	577	100%	74%	
1000	82	NJTPA	UNION	WESTFIELD TOWN	20000606	0.82	1.82	1.00	UNION COUNTY 606	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Minor Arterial	Painted Median	802	54%	21%	
1000	82	NJTPA	UNION	SCOTCH PLAINS TWP	20161159	0.30	0.86	0.56	NEW YORK AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	713	54%	32%	
1000	82	NJTPA	UNION	NEW PROVIDENCE BORO	20111073	0.00	0.23	0.23	MARION AVE	1	0	0	1	0	0	17.197	1.5854	NO	NO	2	Municipal	Local	None	1,094	39%	13%	
1000	82	NJTPA	UNION	UNION TWP	20191122	0.40	0.42	0.02	HILTON AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	376	100%	30%	
1000	82	NJTPA	UNION	KENILWORTH BORO	20081003	0.34	0.40	0.06	WASHINGTON AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	679	80%	72%	
1000	82	NJTPA	UNION	ELIZABETH CITY	20041303	0.40	0.85	0.45	GROVE ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	577	100%	72%	
1000	82	NJTPA	UNION	PLAINFIELD CITY	20121195	0.20	0.32	0.12	HOBERT AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	867	100%	67%	
1000	82	NJTPA	UNION	LINDEN CITY	20091062	0.00	0.70	0.70	LINCOLN ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	618	100%	64%	
1000	82	NJTPA	UNION	PLAINFIELD CITY	20121242	0.00	0.78	0.78	W. 5TH ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	867	100%	74%	
1000	82	NJTPA	UNION	UNION TWP	20191095	0.00	0.14	0.14	KENNETH DR S.	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	376	100%	30%	
1000	82	NJTPA	UNION	ROSELLE PARK BORO	20151024	0.70	1.11	0.41	E. CLAY AVE	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	492	98%	48%	
1000	82	NJTPA	UNION	ELIZABETH CITY	20041351	0.40	0.60	0.20	MYRTLE ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	817	91%	72%	
1000	82	NJTPA	UNION	PLAINFIELD CITY	20121097	0.07	0.14	0.07	LAKE ST	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	443	96%	45%	
1000	82	NJTPA	UNION	UNION TWP	20191366	0.50	0.53	0.03	BURROUGHS TER	1	0	0	1	0	0	17.197	1.5854	YES	YES	2	Municipal	Local	None	515	100%	14%	
1616	142	NJTPA	UNION	ELIZABETH CITY	20041422	0.30	1.30	1.00	SUMMER ST	2	0																

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	-

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

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

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

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

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Rank (ePDO)	County Rank	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	146	NJTPA	UNION	UNION TWP	20191120	0.10	0.17	0.07	RUSSELL ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	447	96%	30%
1655	146	NJTPA	UNION	SUMMIT CITY	20181149	0.34	0.54	0.20	PARK AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	773	84%	26%
1655	146	NJTPA	UNION	ELIZABETH CITY	20000638	0.20	0.35	0.15	UNION COUNTY 638	1	0	0	0	1	0	10.848	1	YES	YES	2	County	Local	None	956	96%	61%
1655	146	NJTPA	UNION	UNION TWP	20191593	0.48	0.60	0.12	ELMWOOD AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Major Collector	None	535	82%	43%
1655	146	NJTPA	UNION	UNION TWP	20191018	0.45	0.61	0.16	WALKER AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	488	100%	59%
1655	146	NJTPA	UNION	ELIZABETH CITY	20041096	0.10	0.30	0.20	5TH ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	Painted Median	342	100%	74%
1655	146	NJTPA	UNION	ROSELLE BORO	20141066	0.34	0.44	0.10	POPLAR ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	671	100%	61%
1655	146	NJTPA	UNION	KENILWORTH BORO	20081039	0.79	0.80	0.01	MARKET ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	Painted Median	679	80%	72%
1655	146	NJTPA	UNION	PLAINFIELD CITY	20000611	2.66	3.66	1.00	UNION COUNTY 611	1	0	0	0	1	0	10.848	1	YES	YES	2	County	Minor Arterial	None	654	98%	64%
1655	146	NJTPA	UNION	ELIZABETH CITY	20041121	0.10	0.47	0.37	FANNY ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	342	100%	74%
1655	146	NJTPA	UNION	UNION TWP	20191497	0.02	0.13	0.11	WHEATON RD	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	593	68%	28%
1655	146	NJTPA	UNION	PLAINFIELD CITY	20121331	2.30	3.30	1.00	S SECOND ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Major Collector	None	805	100%	74%
1655	146	NJTPA	UNION	LINDEN CITY	00000514	39.12	40.12	1.00	ROUTE 514	1	0	0	0	1	0	10.848	1	YES	YES	2	County	Minor Arterial	Painted Median	632	99%	60%
1655	146	NJTPA	UNION	ELIZABETH CITY	20041157	0.00	0.11	0.11	COMMERCE PL	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	577	100%	74%
1655	146	NJTPA	UNION	SUMMIT CITY	20181021	0.00	0.07	0.07	BANK ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	672	84%	26%
1655	146	NJTPA	UNION	PLAINFIELD CITY	20000620	1.63	2.63	1.00	UNION COUNTY 620	1	0	0	0	1	0	10.848	1	YES	YES	2	County	Minor Arterial	None	654	99%	64%
1655	146	NJTPA	UNION	ELIZABETH CITY	00000001	44.20	45.20	1.00	US 1	1	0	0	0	1	0	10.848	1	YES	YES	3	N.J.D.O.T.	Principal Arterial - Other	Painted Median	342	100%	74%
1655	146	NJTPA	UNION	NEW PROVIDENCE BORO	00000512	27.84	28.84	1.00	ROUTE 512	1	0	0	0	1	0	10.848	1	NO	NO	2	County	Minor Arterial	None	1,094	39%	13%
1655	146	NJTPA	UNION	ELIZABETH CITY	20041177	0.10	0.25	0.15	DURANT ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	706	97%	89%
1655	146	NJTPA	UNION	WESTFIELD TOWN	20000610	1.62	2.62	1.00	UNION COUNTY 610	1	0	0	0	1	0	10.848	1	YES	YES	2	County	Minor Arterial	Painted Median	746	54%	32%
1655	146	NJTPA	UNION	SUMMIT CITY	20000651	0.60	1.60	1.00	UNION COUNTY 651	1	0	0	0	1	0	10.848	1	YES	YES	2	County	Minor Arterial	None	672	84%	26%
1655	146	NJTPA	UNION	LINDEN CITY	20091097	0.00	0.11	0.11	LUMBER ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	807	73%	46%
1655	146	NJTPA	UNION	UNION TWP	20191457	0.01	0.22	0.21	DUQUESNE TER	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	593	63%	28%
1655	146	NJTPA	UNION	ELIZABETH CITY	20041243	0.40	0.48	0.08	LIVINGSTON ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	478	96%	57%
1655	146	NJTPA	UNION	UNION TWP	20191590	0.70	1.00	0.30	LIBERTY AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Major Collector	Painted Median	447	96%	30%
1655	146	NJTPA	UNION	ROSELLE BORO	20000607	4.71	5.53	0.82	UNION COUNTY 607	1	0	0	0	1	0	10.848	1	YES	YES	2	County	Minor Arterial	None	513	100%	56%
1655	146	NJTPA	UNION	ELIZABETH CITY	20041049	0.00	0.29	0.29	PAPETTI PLAZA	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	342	100%	74%
1655	146	NJTPA	UNION	ELIZABETH CITY	20041423	1.20	2.04	0.84	CHILTON ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Major Collector	None	342	100%	74%
1655	146	NJTPA	UNION	ELIZABETH CITY	20041098	0.00	0.51	0.51	MARY ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	Curbed Median	588	100%	74%
1655	146	NJTPA	UNION	LINDEN CITY	20091145	0.00	0.24	0.24	E 13TH ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	424	77%	43%
1655	146	NJTPA	UNION	PLAINFIELD CITY	00000028	16.56	17.56	1.00	NJ 28	1	0	0	0	1	0	10.848	1	YES	YES	2	N.J.D.O.T.	Principal Arterial - Other	None	443	99%	64%
1655	146	NJTPA	UNION	PLAINFIELD CITY	20121194	0.00	1.00	1.00	STELLE AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	805	100%	74%
1655	146	NJTPA	UNION	LINDEN CITY	20091003	0.10	0.30	0.20	DENNIS PL	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	817	91%	54%
1655	146	NJTPA	UNION	ELIZABETH CITY	20041769	0.00	1.00	1.00	NORTH AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Minor Arterial	Painted Median	342	100%	74%
1655	146	NJTPA	UNION	UNION TWP	20000630	3.00	4.00	1.00	UNION COUNTY 630	1	0	0	0	1	0	10.848	1	YES	YES	2	County	Minor Arterial	None	601	100%	36%
1655	146	NJTPA	UNION	WESTFIELD TOWN	20000606	2.37	3.37	1.00	UNION COUNTY 606	1	0	0	0	1	0	10.848	1	NO	YES	2	County	Minor Arterial	None	825	44%	16%
1655	146	NJTPA	UNION	PLAINFIELD CITY	20121176	0.40	0.49	0.09	HILLCREST AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	443	99%	64%
2405	228	NJTPA	UNION	NEW PROVIDENCE BORO	00000512	29.61	30.61	1.00	ROUTE 512	2	0	0	0	0	2	2,000	0	YES	YES	2	County	Minor Arterial	Unknown	845	40%	22%
2413	229	NJTPA	UNION	MOUNTAINSIDE BORO	20101082	0.30	0.36	0.06	BIRCH HILL RD	1	0	0	0	0	1	1,000	0	NO	NO	2	Municipal	Local	None	1,266	33%	8%
2413	229	NJTPA	UNION	RAHWAY CITY	20000652	0.14	1.14	1.00	UNION COUNTY 652	1	0	0	0	0	1	1,000	0	YES	YES	2	County	Local	None	278	75%	30%
2413	229	NJTPA	UNION	ELIZABETH CITY	20041129	0.67	0.89	0.22	YENNINA ST	1	0	0	0	0	1	1,000	0	YES	YES	2	Municipal	Local	Painted Median	588	100%	74%
2413	229	NJTPA	UNION	ELIZABETH CITY	20041765	0.10	0.16	0.06	BOND ST	1	0	0	0	0	1	1,000	0	YES	YES	2	Municipal	Local	None	342	100%	74%
2413	229	NJTPA	UNION	LINDEN CITY	20091181	0.09	0.17	0.08	MAIN ST	1	0	0	0	0	1	1,000	0	YES	YES	2	Municipal	Local	None	424	77%	43%
2413	229	NJTPA	UNION	ROSELLE PARK BORO	00000028	23.30	24.30	1.00	NJ 28	1	0	0	0	0	1	1,000	0	YES	YES	2	N.J.D.O.T.	Principal Arterial - Other	None	492	98%	56%
2413	229	NJTPA	UNION	CLARK TWP	20021179	0.00	0.48	0.48	CONGER WAY	1	0	0	0	0	1	1,000	0	YES	YES	2	Municipal	Local	None	834	67%	21%
2413	229	NJTPA	UNION	PLAINFIELD CITY	20121305	1.49	1.98	0.49	WOODLAND AVE	1	0	0	0	0	1	1,000	0	YES	YES	2	Municipal	Major Collector	None	443	99%	64%
2413	229	NJTPA	UNION	CLARK TWP	20021269	0.29	1.05	0.76	VALLEY RD	1	0	0	0	0	1	1,000	0	YES	YES	2	Municipal	Minor Arterial	Painted Median	278	74%	31%
2413	229	NJTPA	UNION	CRANFORD TWP	20031171	0.10	0.16	0.06	CHESTER LANG PL	1	0	0	0	0	1	1,000	0	NO	YES	2						