

# 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 10, 2023

Delivery Date: August 10, 2023

## Crash Filtering Criteria

Source Table	Query Logic	Source Table Field	Readable Field	Query Values	Description
Safety Voyager Accidents Table	AND	year	Year	BETWEEN 2016 AND 2020	Years 2016, 2017, 2018, 2019, 2020
		mun_cty_co	County	IN ('02', '07', '09', '10', '12', '13', '14', '15', '16', '18', '19', '20', '21')	02 - Bergen; 07 - Essex; 09 - Hudson; 10 - Hunterdon; 12 - Middlesex; 13 - Monmouth; 14 - Morris; 15 - Ocean; 16 - Passaic; 18 - Somerset; 19 - Sussex; 20 - Union; 21 - Warren
	road_sys_code	Road System	IN ('05', '06', '07', '08')	05 - County; 06 - County Authority; 07 - Municipal; 08 - Municipal Authority Park or institution	
	crash_type	Crash Type	IN ('13', '14')	13 - Pedestrian; 14 - Pedalcyclist	
OR		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	\$249,666	17.1973	1.5854
Possible Injury	C	\$157,482	10.8476	1.0000
Property Damage Only	D	\$14,518	1.0000	-

$$ePDO_{TOTAL} = [K]^4[ePDO_A]^4[A]^4[ePDO_B]^4[B]^4[ePDO_C]^4[C]^4[ePDO_D]^4[D]^4[ePDO_{TOTAL}]$$

$$eC_{TOTAL} = [K]^4[eC_A]^4[A]^4[eC_B]^4[B]^4[eC_C]^4[C]^4[eC_D]^4[D]^4[eC_{TOTAL}]$$

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	EJScreen - Census Block Group Population (Lowest Value)	EJScreen - Minority % (Highest Value)	EJScreen - Low-income % (Highest Value)
											Total Crashes	K	A	B	C	D								
16	1	NJTPA	UNION	CRANFORD TWP	2000615	3.54	UNION COUNTY 615	200313632	0.27	Lincoln Avenue East	7	1	0	3	1	2	121.36	11.00	YES	YES	County	649	51%	26%
35	2	NJTPA	UNION	PLAINFIELD CITY	2000601	1.57	UNION COUNTY 601	00000531	8.26	Park Avenue	4	0	1	2	1	0	102.16	9.42	YES	YES	County	931	100%	74%
63	3	NJTPA	UNION	PLAINFIELD CITY	2000620	1.04	UNION COUNTY 620	20121303	0.40	Richmond Street	4	0	1	0	3	0	89.46	8.25	YES	YES	County	969	99%	49%
76	4	NJTPA	UNION	KENILWORTH BORO	0000509	10.33	ROUTE 509	07000603	1.53	Springfield Avenue	7	0	0	2	5	0	88.63	8.17	YES	YES	County	764	60%	29%
81	5	NJTPA	UNION	SPRINGFIELD TWP	2000655	1.67	UNION COUNTY 635	20000544	0.25	Deer Path	3	0	1	1	1	0	84.96	7.83	YES	YES	County	970	50%	34%
281	18	NJTPA	UNION	SUMMIT CITY	0000512	29.90	ROUTE 512	20181255	1.00	Central Avenue	6	0	0	4	1	1	80.64	7.34	NO	NO	County	1154	40%	13%
97	7	NJTPA	UNION	NEW PROVIDENCE BORO	2000647	1.44	UNION COUNTY 647	20111001	1.44	Central Avenue	3	0	1	0	2	0	77.25	7.04	NO	NO	County	1182	38%	13%
97	7	NJTPA	UNION	ELIZABETH CITY	2000623	1.34	UNION COUNTY 623	200413861	0.29	West Grand Street	3	0	1	0	2	0	78.61	7.25	YES	YES	Municipal	577	100%	74%
117	9	NJTPA	UNION	ELIZABETH CITY	2000623	0.86	UNION COUNTY 623	20000614	0.30	Pearl Street	4	0	1	1	0	2	76.11	6.83	YES	YES	County	577	100%	74%
120	10	NJTPA	UNION	PLAINFIELD CITY	2000611	3.54	UNION COUNTY 611	20000620	2.46	East Front Street	2	0	1	1	0	0	74.11	6.83	YES	YES	County	654	98%	64%
120	10	NJTPA	UNION	ROSELLE BORO	2000619	2.09	UNION COUNTY 619	20041292	2.12	West 2nd Avenue	2	0	1	1	0	0	74.11	6.83	YES	YES	County	671	100%	56%
120	10	NJTPA	UNION	CRANFORD TWP	2000610	5.84	UNION COUNTY 610	20000615	3.86	Centennial Avenue	2	0	1	1	0	0	74.11	6.83	YES	YES	County	649	51%	26%
166	13	NJTPA	UNION	HILLSIDE TWP	2000623	2.92	UNION COUNTY 623	20041167	0.00	Lower Road	5	0	0	4	0	1	69.79	6.34	YES	YES	County	706	97%	89%
173	14	NJTPA	UNION	ELIZABETH CITY	20041420	1.45	ELIZABETH CITY	20041423	1.92	South Spring Street	3	1	0	0	1	1	68.76	6.25	YES	YES	Municipal	577	100%	74%
179	15	NJTPA	UNION	CRANFORD TWP	2000632	1.42	UNION COUNTY 632	20031212	0.33	Blake Avenue	2	0	1	0	1	0	67.76	6.25	NO	NO	County	649	33%	21%
179	15	NJTPA	UNION	ELIZABETH CITY	2000623	0.71	UNION COUNTY 623	20041423	1.38	South Street	2	0	1	0	1	0	67.76	6.25	YES	YES	County	577	100%	74%
235	17	NJTPA	UNION	ELIZABETH CITY	2000629	0.19	UNION COUNTY 629	20000618	2.70	Orchard Street	5	0	0	2	3	0	66.94	6.17	YES	YES	County	588	97%	74%
281	18	NJTPA	UNION	KENILWORTH BORO	0000509	10.61	ROUTE 509	07091013	0.14	Brighton Ter	1	0	1	0	0	0	56.92	5.25	YES	YES	County	679	80%	72%
281	18	NJTPA	UNION	ELIZABETH CITY	20041416	0.00	IRVINGTON AVE	20000618	2.70	Orchard Street	1	0	1	0	0	0	56.92	5.25	YES	YES	Municipal	577	100%	74%
281	18	NJTPA	UNION	CLARK TWP	20021267	0.57	LAKE AVE	20000607	0.83	Oak Ridge Road	1	1	0	0	0	0	56.92	5.25	NO	NO	Municipal	1330	41%	21%
281	18	NJTPA	UNION	PLAINFIELD CITY	20121301	0.15	ROOSEVELT AVE	00000208_W	15.45	N/A	1	0	1	0	0	0	56.92	5.25	YES	YES	Municipal	931	100%	73%
281	18	NJTPA	UNION	CLARK TWP	20021269	1.00	VALLEY RD	N/A	N/A	1	0	1	0	0	0	0	56.92	5.25	YES	YES	Municipal	278	74%	30%
281	18	NJTPA	UNION	ELIZABETH CITY	20041418	0.82	UNION COUNTY 629	20041413	0.38	Fairmount Avenue	1	1	0	0	0	0	56.92	5.25	YES	YES	Municipal	342	100%	72%
281	18	NJTPA	UNION	CLARK TWP	20020607	2.29	UNION COUNTY 607	20020209	0.00	New York Avenue	1	1	0	0	0	0	56.92	5.25	YES	YES	County	625	39%	31%
281	18	NJTPA	UNION	RAHWAY CITY	20131186	0.00	W. CHERRY ST	20131185	0.06	Esterbrook Avenue	1	0	1	0	0	0	56.92	5.25	YES	YES	Municipal	513	99%	60%
281	18	NJTPA	UNION	ELIZABETH CITY	20041098	0.00	MARY ST	00000027	34.58	North Broad Street	1	0	1	0	0	0	56.92	5.25	YES	YES	Municipal	588	100%	74%
281	18	NJTPA	UNION	WESTFIELD TOWN	2000610	3.07	UNION COUNTY 610	20201162	0.00	Summit Avenue	1	0	1	0	0	0	56.92	5.25	YES	YES	County	740	54%	21%
281	18	NJTPA	UNION	ELIZABETH CITY	20041420	0.33	JEFFERSON AVE	20041421	0.39	East Jersey Street	1	0	1	0	0	0	56.92	5.25	YES	YES	Municipal	577	100%	74%
281	18	NJTPA	UNION	ELIZABETH CITY	20041322	0.00	ROOSEVELT ST	20041424	0.59	Washington Avenue	1	0	1	0	0	0	56.92	5.25	YES	YES	Municipal	577	100%	74%
281	18	NJTPA	UNION	PLAINFIELD CITY	00000208	13.32	NJ 28	20121223	0.00	Emma Street	1	0	1	0	0	0	56.92	5.25	YES	YES	County	856	100%	47%
281	18	NJTPA	UNION	RAHWAY CITY	20131244	0.15	JACQUES AVE	20131173	0.37	Maple Avenue	1	0	1	0	0	0	56.92	5.25	YES	YES	Municipal	513	99%	60%
281	18	NJTPA	UNION	PLAINFIELD CITY	20121331	1.28	S SECOND ST	20121296	0.89	Grant Avenue	1	0	1	0	0	0	56.92	5.25	YES	YES	Municipal	867	100%	74%
281	18	NJTPA	UNION	HILLSIDE TWP	20071188	0.17	MAPLE AVE	20071141	0.67	Winans Avenue	1	0	1	0	0	0	56.92	5.25	YES	YES	Municipal	249	100%	89%
281	18	NJTPA	UNION	CRANFORD TWP	20031077	0.00	DOERING WAY	N/A	N/A	1	0	1	0	0	0	56.92	5.25	NO	NO	Municipal	803	32%	9%	
281	18	NJTPA	UNION	KENILWORTH BORO	20081047	0.20	N. 16TH ST	N/A	N/A	1	0	1	0	0	0	56.92	5.25	YES	YES	Municipal	679	80%	72%	
281	18	NJTPA	UNION	CRANFORD TWP	2000615	5.29	UNION COUNTY 615	20031104	0.00	Princeton Road	1	0	1	0	0	0	56.92	5.25	NO	NO	County	882	42%	13%
281	18	NJTPA	UNION	PLAINFIELD CITY	2000601	2.35	UNION COUNTY 601	20121129	0.24	Berkmal Street	1	0	1	0	0	0	56.92	5.25	YES	YES	County	443	99%	49%
281	18	NJTPA	UNION	CRANFORD TWP	2000610	5.69	UNION COUNTY 610	20031205	0.00	Thomas Street	1	0	1	0	0	0	56.92	5.25	YES	YES	County	649	51%	26%
281	18	NJTPA	UNION	RAHWAY CITY	2000652	0.00	UNION COUNTY 652	00000027	29.23	St Georges Avenue	1	0	1	0	0	0	56.92	5.25	YES	YES	County	618	92%	60%
281	18	NJTPA	UNION	SUMMIT CITY	0000512	32.04	ROUTE 512	20181158	0.05	Park Place	1	1	0	0	0	0	56.92	5.25	YES	YES	County	773	84%	26%
281	18	NJTPA	UNION	UNION TWP	2000627	0.91	UNION COUNTY 627	20191436	0.00	Carlyn Road	1	1	0	0	0	0	56.92	5.25	YES	YES	County	688	68%	29%
281	18	NJTPA	UNION	CRANFORD TWP	2000615	4.40	UNION COUNTY 615	20031367	0.00	Orange Avenue	1	0	1	0	0	0	56.92	5.25	YES	YES	County	764	26%	26%
281	18	NJTPA	UNION	ELIZABETH CITY	00000207	34.40	ELIZABETH CITY	20041460	0.00	Winfield Avenue	1	0	1	0	0	0	56.92	5.25	NO	NO	Municipal	588	68%	29%
281	18	NJTPA	UNION	ROSELLE BORO	2000610	8.18	UNION COUNTY 610	20141085	0.00	Harrison Avenue	1	0	1	0	0	0	56.92	5.25	YES	YES	County	478	98%	61%
281	18	NJTPA	UNION	CRANFORD TWP	2000615	3.45	UNION COUNTY 615	20031200	0.52	Elm Street	1	0	1	0	0	0	56.92	5.25	YES	YES	County	649	51%	26%
281	18	NJTPA	UNION	RAHWAY CITY	20131242	0.59	LAKE AVE	20131126	0.22	Madison Avenue	1	1	0	0	0	0	56.92	5.25	YES	YES	Municipal	513	76%	22%
281	18	NJTPA	UNION	KENILWORTH BORO	0000509	11.53	ROUTE 509	00000510	27.10	South Orange Avenue	1	0	1	0	0	0	56.92	5.25	YES	YES	County	679	80%	72%
281	18	NJTPA	UNION	SPRINGFIELD TWP	0000577	1.03	ROUTE 577	07121254	0.15	Lackawanna Place	1	0	1	0	0	0	56.92	5.25	YES	YES	County	618	45%	33%
281	18	NJTPA	UNION	LINDEN CITY	2000514	40.84	N/A	N/A	N/A	1	0	1	0	0	0	56.92	5.25	YES	YES	County	730	46%	46%	
281	18	NJTPA	UNION	CLARK TWP	2000607	2.64	UNION COUNTY 607	20031220	0.00	Oraton Drive	1	0	1	0	0	0	56.92	5.25						

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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	
	OR	intersection	At Intersection	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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Incappating Injury	A	\$826,309	56.9173	5.2470
Non-incappating Injury	B	\$249,666	17.1973	1.5854
Possible Injury	C	\$157,482	10.8476	1.0000
Property Damage Only	D	\$14,518	1.0000	-

$$ePDO_{Total} = [K]^*ePDO_A + [A]^*ePDO_B + [B]^*ePDO_C + [C]^*ePDO_D + [D]^*ePDO_{ePDO}$$

$$eC_{Total} = [K]^*eC_A + [A]^*eC_B + [B]^*eC_C + [C]^*eC_D + [D]^*eC_{ePDO}$$

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

Rank (ePDO)	County Rank (ePDO)	MPO	County	Municipality	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	EJScreen - Census Block Group Population (Lowest Value)	EJScreen - Minority % (Highest Value)	EJScreen - Low-Income % (Highest Value)		
								Total Crashes	K	A	B	C	D										
1037	90	NJTPA	UNION	UNION TWP	0000509	12.86	ROUTE 509	07171874	0.76	0	0	1	1	0	0	28.04	2.59	YES	YES	County	593	63%	28%
1037	90	NJTPA	UNION	ELIZABETH CITY	20041022	0.40	FULTON ST	20041044	0.16	0	0	1	1	0	0	28.04	2.59	YES	YES	Municipal	734	100%	74%
1037	90	NJTPA	UNION	LINDEN CITY	20000615	0.59	UNION COUNTY 615	00000514	40.29	2	0	0	1	1	0	28.04	2.59	YES	YES	County	970	73%	46%
1037	90	NJTPA	UNION	ELIZABETH CITY	20000623	1.30	UNION COUNTY 623	200413862	0.00	2	0	0	1	1	0	28.04	2.59	YES	YES	Municipal	577	100%	74%
1037	90	NJTPA	UNION	ELIZABETH CITY	20041418	0.50	DIVISION ST	20041100	0.00	2	0	0	1	1	0	28.04	2.59	YES	YES	Municipal	342	100%	72%
1037	90	NJTPA	UNION	CRANFORD TWP	0000509	9.21	ROUTE 509	02000421	1.34	2	0	0	1	1	0	28.04	2.59	NO	YES	County	892	40%	9%
1309	116	NJTPA	UNION	PLAINFIELD CITY	0000028	15.10	NJ 28	20121040	0.17	3	0	0	0	2	1	22.70	2.00	YES	YES	County	867	100%	74%
1309	116	NJTPA	UNION	HILLSIDE TWP	2000628	0.00	UNION COUNTY 628	20071187	0.54	3	0	0	0	2	1	22.70	2.00	YES	YES	County	439	100%	60%
1367	118	NJTPA	UNION	ELIZABETH CITY	20041055	0.00	NEW POINT RD	20041038	0.70	2	0	0	0	2	0	21.70	2.00	YES	YES	Municipal	342	99%	74%
1367	118	NJTPA	UNION	SCOTCH PLAINS TWP	2000655	4.32	UNION COUNTY 655	20121331	4.83	2	0	0	0	2	0	21.70	2.00	YES	YES	County	654	78%	22%
1367	118	NJTPA	UNION	ELIZABETH CITY	2000623	1.31	UNION COUNTY 623	200413862	0.00	2	0	0	0	2	0	21.70	2.00	YES	YES	Municipal	577	100%	74%
1367	118	NJTPA	UNION	ELIZABETH CITY	200413862	1.31	UNION COUNTY 623	200413862	0.00	2	0	0	0	2	0	21.70	2.00	YES	YES	Municipal	577	100%	74%
1367	118	NJTPA	UNION	ELIZABETH CITY	200413862	1.31	UNION COUNTY 623	200413862	0.00	2	0	0	0	2	0	21.70	2.00	YES	YES	Municipal	577	100%	74%
1367	118	NJTPA	UNION	SUMMIT CITY	0000512	31.49	ROUTE 512	20000657	0.00	2	0	0	0	2	0	21.70	2.00	YES	YES	County	845	84%	26%
1367	118	NJTPA	UNION	PLAINFIELD CITY	2000601	2.96	UNION COUNTY 601	20161304	1.17	2	0	0	0	2	0	21.70	2.00	YES	YES	County	443	92%	64%
1367	118	NJTPA	UNION	PLAINFIELD CITY	2000601	1.34	UNION COUNTY 601	20121293	0.96	2	0	0	0	2	0	21.70	2.00	YES	YES	County	867	100%	74%
1367	118	NJTPA	UNION	ELIZABETH CITY	20041420	0.43	ELIZABETH AVE	20041044	0.02	2	0	0	0	2	0	21.70	2.00	YES	YES	Municipal	734	100%	72%
1367	118	NJTPA	UNION	PLAINFIELD CITY	0000028	14.52	NJ 28	20121213	0.15	2	0	0	0	2	0	21.70	2.00	YES	YES	County	867	100%	74%
1367	118	NJTPA	UNION	ELIZABETH CITY	2000623	1.40	UNION COUNTY 623	20041158	0.00	2	0	0	0	2	0	21.70	2.00	YES	YES	Municipal	577	99%	74%
1367	118	NJTPA	UNION	HILLSIDE TWP	2000623	3.32	UNION COUNTY 623	20071035	0.00	2	0	0	0	2	0	21.70	2.00	YES	YES	County	439	89%	89%
1367	118	NJTPA	UNION	ELIZABETH CITY	20041136	0.00	WINFIELD SCOTT PLAZA	20041421	0.48	2	0	0	0	2	0	21.70	2.00	YES	YES	Municipal	577	100%	74%
1367	118	NJTPA	UNION	ELIZABETH CITY	20041421	0.92	E JERSEY ST	20041088	0.22	2	0	0	0	2	0	21.70	2.00	YES	YES	Municipal	342	100%	74%
1367	118	NJTPA	UNION	ELIZABETH CITY	2000623	1.01	UNION COUNTY 623	20041420	1.88	2	0	0	0	2	0	21.70	2.00	YES	YES	Municipal	577	100%	74%
1367	118	NJTPA	UNION	CLARK TWP	20000607	1.82	UNION COUNTY 607	20000613	4.10	2	0	0	0	2	0	21.70	2.00	NO	YES	County	996	38%	16%
1367	118	NJTPA	UNION	ELIZABETH CITY	2000615	2.58	UNION COUNTY 615	20041425	0.32	2	0	0	0	2	0	21.70	2.00	YES	YES	Municipal	577	99%	75%
1367	118	NJTPA	UNION	ELIZABETH CITY	20041420	1.79	ELIZABETH AVE	20041430	0.51	2	0	0	0	2	0	21.70	2.00	YES	YES	Municipal	577	100%	74%
1367	118	NJTPA	UNION	CRANFORD TWP	20031087	0.30	HOLLY ST	20031089	0.07	2	0	0	0	2	0	21.70	2.00	YES	YES	Municipal	749	51%	26%
1367	118	NJTPA	UNION	LINDEN CITY	2000617	1.85	UNION COUNTY 617	20091289	1.64	2	0	0	0	2	0	21.70	2.00	YES	YES	County	424	90%	43%
1367	118	NJTPA	UNION	UNION TWP	2000619	4.32	UNION COUNTY 619	00000444	141.03	2	0	0	0	2	0	21.70	2.00	YES	YES	County	515	82%	43%
1367	118	NJTPA	UNION	SUMMIT CITY	2000657	0.34	UNION COUNTY 657	20181200	0.00	2	0	0	0	2	0	21.70	2.00	YES	YES	County	672	84%	26%
1367	118	NJTPA	UNION	UNION TWP	2000619	0.17	UNION COUNTY 619	20000638	0.32	2	0	0	0	2	0	21.70	2.00	YES	YES	County	447	96%	30%
1658	140	NJTPA	UNION	ROSELLE PARK BORO	2000619	2.46	UNION COUNTY 619	20151081	1.02	2	0	0	1	0	1	18.20	1.59	YES	YES	County	492	82%	42%
1658	140	NJTPA	UNION	ELIZABETH CITY	2000629	0.00	UNION COUNTY 629	00000027	34.25	2	0	0	1	0	1	18.20	1.59	YES	YES	County	588	99%	74%
1658	140	NJTPA	UNION	CRANFORD TWP	2000610	5.45	UNION COUNTY 610	20031376	0.30	2	0	0	1	0	1	18.20	1.59	YES	YES	County	649	51%	26%
1658	140	NJTPA	UNION	RAHWAY CITY	2000621	0.10	UNION COUNTY 621	20131169	0.32	2	0	0	1	0	1	18.20	1.59	YES	YES	County	513	85%	46%
1658	140	NJTPA	UNION	RAHWAY CITY	2000604	1.72	UNION COUNTY 604	20000613	5.37	2	0	0	1	0	1	18.20	1.59	YES	YES	County	507	76%	31%
1746	145	NJTPA	UNION	SUMMIT CITY	0000512	31.20	ROUTE 512	20181119	0.00	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	577	84%	22%
1746	145	NJTPA	UNION	RAHWAY CITY	20131240	1.36	JEFFERSON AVE	20131115	0.00	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	507	80%	30%
1746	145	NJTPA	UNION	ELIZABETH CITY	20041097	0.72	ANNA ST	20000658	0.09	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	672	100%	74%
1746	145	NJTPA	UNION	RAHWAY CITY	2000648	0.69	UNION COUNTY 648	20201330	2.01	1	0	0	1	0	0	17.20	1.59	YES	YES	County	898	99%	60%
1746	145	NJTPA	UNION	ELIZABETH CITY	20041088	0.10	JACQUES ST	20041142	0.15	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	342	100%	74%
1746	145	NJTPA	UNION	ELIZABETH CITY	20041420	0.20	ELIZABETH AVE	20041053	0.00	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	734	100%	68%
1746	145	NJTPA	UNION	ELIZABETH CITY	20041422	0.94	SUMMIT ST	20041017	0.70	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	577	100%	72%
1746	145	NJTPA	UNION	ELIZABETH CITY	20041017	0.70	3RD ST	20041422	0.94	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	577	100%	72%
1746	145	NJTPA	UNION	UNION TWP	20191387	0.10	SUBURBAN RD	20191391	0.00	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	674	66%	15%
1746	145																						

# 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 10, 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	IN ('13', '14')	13 - Pedestrian; 14 - Pedalcyclist	
OR	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.

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 Networks 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	\$249,666	17.1913	1.5854
Possible Injury	C	\$157,482	10.8476	1.0000
Property Damage Only	D	\$14,518	1.0000	-

$$ePDO_{TOTAL} = [K]^*ePDO_A^*H[A]^*ePDO_B^*H[B]^*ePDO_C^*H[C]^*ePDO_D^*H[D]^*ePDO_{TOTAL}$$

$$eC_{TOTAL} = [K]^*eC_A^*H[A]^*eC_B^*H[B]^*eC_C^*H[C]^*eC_D^*H[D]^*eC_{TOTAL}$$

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	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								
1746	145	NJTPA	UNION	HILLSIDE TWP	20000628	0.30	UNION COUNTY 628	20071188	0.51	Maple Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	439	100%	60%
1746	145	NJTPA	UNION	ROSELLE BORO	20000616	3.19	UNION COUNTY 616	20141080	0.07	Elm Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	724	100%	61%
1746	145	NJTPA	UNION	RAHWAY CITY	20131251	0.45	IRVING ST	20131258	0.00	Lewis Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	898	99%	60%
1746	145	NJTPA	UNION	ELIZABETH CITY	20000623	1.13	UNION COUNTY 623	20041332	0.09	Caldwell Place	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	577	100%	74%
1746	145	NJTPA	UNION	WESTFIELD TOWN	00000509	7.50	ROUTE 509	20071074	0.00	Fitzpatrick Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	740	54%	21%
1746	145	NJTPA	UNION	ELIZABETH CITY	20041423	0.45	CHILTON ST	00000207	24.05	Westfield Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	588	97%	74%
1746	145	NJTPA	UNION	WESTFIELD TOWN	20000613	1.01	UNION COUNTY 613	20201063	0.00	Dudley Av East	1	0	0	1	0	0	17.20	1.59	YES	YES	County	740	54%	11%
1746	145	NJTPA	UNION	ELIZABETH CITY	20000658	0.00	UNION COUNTY 658	20041416	0.58	Magnolia Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	577	100%	74%
1746	145	NJTPA	UNION	ELIZABETH CITY	20041416	0.82	IRVINGTON AVE	20041132	0.21	Catherine Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	342	100%	74%
1746	145	NJTPA	UNION	CRANFORD TWP	20000615	3.39	UNION COUNTY 615	20031192	0.58	North Lehigh Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	649	51%	26%
1746	145	NJTPA	UNION	HILLSIDE TWP	20071107	0.00	BOYD ST	00000022	56.90	US 22	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	683	100%	35%
1746	145	NJTPA	UNION	ELIZABETH CITY	20041021	0.00	S. PARK ST	20041092	1.05	Park Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	342	100%	74%
1746	145	NJTPA	UNION	PLAINFIELD CITY	20000601	1.03	UNION COUNTY 601	20000603	0.78	Plainfield Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	867	100%	74%
1746	145	NJTPA	UNION	CLARK TWP	20000606	3.70	UNION COUNTY 606	20021156	0.11	Cutler Place	1	0	0	1	0	0	17.20	1.59	NO	YES	Municipal	825	38%	16%
1746	145	NJTPA	UNION	CRANFORD TWP	20000615	3.30	UNION COUNTY 615	20031234	0.00	Hillside Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	649	32%	26%
1746	145	NJTPA	UNION	PLAINFIELD CITY	20121296	0.70	GRANT AVE	20121300	0.86	West 4th Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	867	100%	74%
1746	145	NJTPA	UNION	SCOTCH PLAINS TWP	20121305	0.40	WOODLAND AVE	20161271	0.00	Shor Hills Lane	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	596	86%	49%
1746	145	NJTPA	UNION	ELIZABETH CITY	20000637	0.60	N/A	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	County	342	100%	72%
1746	145	NJTPA	UNION	ELIZABETH CITY	20041136	0.10	WINFIELD SCOTT PLAZA	20041137	0.02	Dickinson Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	577	100%	74%
1746	145	NJTPA	UNION	ELIZABETH CITY	20041418	0.11	DIVISION ST	20041025	0.79	Livingston Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	342	100%	72%
1746	145	NJTPA	UNION	WESTFIELD TOWN	00000509	8.53	ROUTE 509	20201326	0.00	Hampton Court	1	0	0	1	0	0	17.20	1.59	NO	YES	County	749	21%	9%
1746	145	NJTPA	UNION	UNION TWP	20000630	0.63	UNION COUNTY 630	20191122	0.00	Hilton Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	447	96%	30%
1746	145	NJTPA	UNION	PLAINFIELD CITY	20000601	1.70	UNION COUNTY 601	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	County	931	100%	74%
1746	145	NJTPA	UNION	ELIZABETH CITY	20000637	0.35	UNION COUNTY 637	20000658	0.35	Jefferson Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	588	100%	74%
1746	145	NJTPA	UNION	WESTFIELD TOWN	00000577	0.68	ROUTE 577	07121230	0.28	Ridgewood Road	1	0	0	1	0	0	17.20	1.59	YES	YES	County	632	40%	27%
1746	145	NJTPA	UNION	ROSELLE PARK BORO	20151081	0.27	E GRANT AVE	20151002	0.31	Sheridan Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	478	98%	48%
1746	145	NJTPA	UNION	UNION TWP	20000616	4.48	UNION COUNTY 616	20151022	0.22	Lehigh Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	478	69%	31%
1746	145	NJTPA	UNION	LINDEN CITY	00000514	41.15	ROUTE 514	20000619	0.00	Roselle Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	730	97%	43%
1746	145	NJTPA	UNION	ELIZABETH CITY	20041038	0.20	N/A	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	342	100%	74%
1746	145	NJTPA	UNION	UNION TWP	00000509	12.43	ROUTE 509	07051875	0.58	Sussex Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	492	28%	27%
1746	145	NJTPA	UNION	CRANFORD TWP	20000615	41.10	UNION COUNTY 615	20031002	0.71	Union Av North	1	0	0	1	0	0	17.20	1.59	YES	YES	County	809	26%	80%
1746	145	NJTPA	UNION	RAHWAY CITY	20131251	0.33	IRVING ST	20131179	0.57	Elm Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	513	99%	60%
1746	145	NJTPA	UNION	ELIZABETH CITY	20041418	0.42	DIVISION ST	20041394	0.93	York Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	342	100%	72%
1746	145	NJTPA	UNION	GARWOOD BORO	20061021	0.10	WILLOW AVE	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	489	54%	15%
1746	145	NJTPA	UNION	SUMMIT CITY	20000657	0.37	UNION COUNTY 657	20181263	0.00	Euclid Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	672	84%	26%
1746	145	NJTPA	UNION	UNION TWP	20000630	0.02	UNION COUNTY 630	20191145	0.00	Franklin Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	447	96%	27%
1746	145	NJTPA	UNION	ROSELLE BORO	20000619	1.32	UNION COUNTY 619	20000625	0.00	Chestnut Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	618	56%	50%
1746	145	NJTPA	UNION	PLAINFIELD CITY	00000531	7.44	ROUTE 531	20121292	0.81	Randolph Road	1	0	0	1	0	0	17.20	1.59	YES	YES	County	596	50%	57%
1746	145	NJTPA	UNION	UNION TWP	20191383	0.40	WASHINGTON AVE	20191494	0.41	Whitewood Road	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	593	68%	28%
1746	145	NJTPA	UNION	PLAINFIELD CITY	20121040	0.90	W. 3RD ST	20121292	0.38	Randolph Road	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	867	98%	58%
1746	145	NJTPA	UNION	CRANFORD TWP	20000632	1.80	UNION COUNTY 632	20031365	0.51	Lincoln Avenue East	1	0	0	1	0	0	17.20	1.59	YES	YES	County	649	51%	26%
1746	145	NJTPA	UNION	ELIZABETH CITY	20041165	0.00	GARFIELD PL	20041167	0.42	Cross Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	706	97%	89%
1746	145	NJTPA	UNION	ELIZABETH CITY	20041428	0.50	ELIZABETH CITY	20041428	0.13	First Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	730	97%	74%
1746	145																							

# 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 10, 2023  
Delivery Date: August 10, 2023

## Crash Filtering Criteria

Source Table	Query Logic	Source Table Field	Readable Field	Query Values	Description
Safety Voyager Accidents Table	AND	year	Year	BETWEEN 2016 AND 2020	Years 2016, 2017, 2018, 2019, 2020
		mun_cty_co	County	IN ('02', '07', '09', '10', '12', '13', '14', '15', '16', '18', '19', '20', '21')	02 - Bergen; 07 - Essex; 09 - Hudson; 10 - Hunterdon; 12 - Middlesex; 13 - Monmouth; 14 - Morris; 15 - Ocean; 16 - Passaic; 18 - Somerset; 19 - Sussex; 20 - Union; 21 - Warren
	road_sys_code	Road System	IN ('05', '06', '07', '08')	05 - County; 06 - County Authority; 07 - Municipal; 08 - Municipal Authority Park or institution	
	crash_type	Crash Type	IN ('13', '14')	13 - Pedestrian; 14 - Pedalcyclist	
OR		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	\$249,666	17.1973	1.5854
Possible Injury	C	\$157,482	10.8476	1.0000
Property Damage Only	D	\$14,518	1.0000	-

$$ePDO_{Total} = [K]^2[ePDO_A]^2[A]^2[ePDO_B]^2[B]^2[ePDO_C]^2[C]^2[ePDO_D]^2[D]^2[ePDO_{Total}]$$

$$eC_{Total} = [K]^2[eC_A]^2[A]^2[eC_B]^2[B]^2[eC_C]^2[C]^2[eC_D]^2[D]^2[eC_{Total}]$$

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	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	313	NJTPA	UNION	PLAINFIELD CITY	20121300	0.80	W 4TH ST	N/A	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	867	100%	74%
3438	313	NJTPA	UNION	SCOTCH PLAINS TWP	20161107	0.00	HENRY ST	20121331	5.77	10.85	1.00	YES	54%	72%											
3438	313	NJTPA	UNION	LINDEN CITY	20091289	0.00	LINDEN AVE	20000616	1.31	10.85	1.00	YES	91%	64%											
3438	313	NJTPA	UNION	FANWOOD BORO	20006555	3.99	UNION COUNTY 655	20161027	0.67	10.85	1.00	YES	78%	22%											
3438	313	NJTPA	UNION	KENILWORTH BORO	00005059	10.06	ROUTE 509	07091881	0.24	10.85	1.00	YES	60%	29%											
3438	313	NJTPA	UNION	UNION TWP	20000630	1.47	UNION COUNTY 630	20191591	0.56	10.85	1.00	YES	48%	43%											
3438	313	NJTPA	UNION	UNION TWP	20191442	0.00	WARD ST	20191383	0.27	10.85	1.00	YES	68%	28%											
3438	313	NJTPA	UNION	LINDEN CITY	20091289	1.52	LINDEN AVE	20091166	1.02	10.85	1.00	YES	42%	43%											
3438	313	NJTPA	UNION	HILLSIDE TWP	20071175	0.40	ALLEY	20071166	0.18	10.85	1.00	YES	24%	89%											
3438	313	NJTPA	UNION	HILLSIDE TWP	20071091	0.00	MILLARD AVE	20071060	0.19	10.85	1.00	YES	100%	60%											
3438	313	NJTPA	UNION	KENILWORTH BORO	00005059	10.80	ROUTE 509	07091017	0.15	10.85	1.00	YES	43%	72%											
3438	313	NJTPA	UNION	HILLSIDE TWP	20000630	0.38	UNION COUNTY 628	20021379	0.00	10.85	1.00	YES	49%	60%											
3438	313	NJTPA	UNION	SUMMIT CITY	20000651	0.78	UNION COUNTY 651	20181229	0.22	10.85	1.00	YES	67%	22%											
3438	313	NJTPA	UNION	UNION TWP	20006619	3.67	UNION COUNTY 619	20191383	0.17	10.85	1.00	YES	51%	28%											
3438	313	NJTPA	UNION	RAHWAY CITY	20131251	0.22	IRVING ST	20131015	0.05	10.85	1.00	YES	51%	60%											
3438	313	NJTPA	UNION	HILLSIDE TWP	2000628	0.07	UNION COUNTY 628	20071145	0.00	10.85	1.00	YES	43%	60%											
3438	313	NJTPA	UNION	HILLSIDE TWP	00005059	15.51	ROUTE 509	07021069	0.00	10.85	1.00	YES	51%	63%											
3438	313	NJTPA	UNION	ROSELLE BORO	20151085	1.36	E GRANT AVE	20151027	0.11	10.85	1.00	YES	49%	48%											
3438	313	NJTPA	UNION	RAHWAY CITY	20131247	0.43	N/A	N/A	N/A	10.85	1.00	YES	89%	60%											
3438	313	NJTPA	UNION	WESTFIELD TOWN	2000613	2.41	UNION COUNTY 613	20201194	0.54	10.85	1.00	YES	74%	15%											
3438	313	NJTPA	UNION	HILLSIDE TWP	2000623	3.40	UNION COUNTY 623	20071181	0.95	10.85	1.00	YES	43%	89%											
3438	313	NJTPA	UNION	SCOTCH PLAINS TWP	20161298	0.80	WESTFIELD RD	20161041	0.54	10.85	1.00	YES	30%	22%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041416	0.60	IRVINGTON AVE	20041158	0.25	10.85	1.00	YES	57%	74%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041413	0.18	FAIRMOUNT AVE	20041059	0.49	10.85	1.00	YES	34%	72%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041420	1.50	ELIZABETH AVE	20041134	0.13	10.85	1.00	YES	57%	74%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041425	0.00	GROVE ST	00000027	33.21	10.85	1.00	YES	81%	68%											
3438	313	NJTPA	UNION	SCOTCH PLAINS TWP	20161090	0.00	SENGER PL	20121331	4.77	10.85	1.00	YES	65%	22%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20006618	2.34	UNION COUNTY 618	20041423	0.28	10.85	1.00	YES	75%	68%											
3438	313	NJTPA	UNION	PLAINFIELD CITY	2000601	1.42	UNION COUNTY 601	20121211	0.49	10.85	1.00	YES	86%	74%											
3438	313	NJTPA	UNION	ELIZABETH CITY	00000439	1.70	NI 439	20000612	2.25	10.85	1.00	YES	96%	61%											
3438	313	NJTPA	UNION	SUMMIT CITY	0000527	68.57	ROUTE 527	20000651	0.00	10.85	1.00	YES	84%	36%											
3438	313	NJTPA	UNION	ELIZABETH CITY	00000439	1.40	NI 439	20041287	0.52	10.85	1.00	YES	73%	61%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041083	0.20	HIGH ST	20041017	1.08	10.85	1.00	YES	57%	74%											
3438	313	NJTPA	UNION	RAHWAY CITY	20131244	0.00	JAGUES AVE	20000608	0.36	10.85	1.00	YES	51%	60%											
3438	313	NJTPA	UNION	CRANFORD TWP	20031258	0.70	COMMERCE DR	N/A	N/A	10.85	1.00	YES	51%	26%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041362	0.91	E GRAND ST	20041418	0.23	10.85	1.00	YES	82%	72%											
3438	313	NJTPA	UNION	SCOTCH PLAINS TWP	20000634	0.72	UNION COUNTY 634	20161044	0.14	10.85	1.00	YES	86%	22%											
3438	313	NJTPA	UNION	CRANFORD TWP	2000615	4.12	UNION COUNTY 615	20031002	0.71	10.85	1.00	YES	80%	26%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041104	0.30	LOUISA ST	20041429	0.16	10.85	1.00	YES	34%	72%											
3438	313	NJTPA	UNION	CRANFORD TWP	2000610	5.31	UNION COUNTY 610	20031135	0.00	10.85	1.00	YES	64%	26%											
3438	313	NJTPA	UNION	ROSELLE BORO	2000610	8.36	UNION COUNTY 610	20000616	3.42	10.85	1.00	YES	42%	61%											
3438	313	NJTPA	UNION	ELIZABETH CITY	2000623	2.87	UNION COUNTY 623	20041166	0.13	10.85	1.00	YES	70%	89%											
3438	313	NJTPA	UNION	UNION TWP	2000610	3.36	N/A	N/A	10.85	1.00	YES	49%	38%												
3438	313	NJTPA	UNION	SPRINGFIELD TWP	20171103	0.00	ALVIN TER	00000082	0.18	10.85	1.00	YES	79%	34%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041280	0.00	BELLEVUE ST	00000027	32.81	10.85	1.00	YES	96%	61%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041214	0.00	GIBSON PL	20041224	0.47	10.85	1.00	YES	75%	68%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041177	0.00	N/A	N/A	N/A	10.85	1.00	YES	70%	89%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041418	0.20	DIVISION ST	20041026	0.00	10.85	1.00	YES	100%	72%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041158	0.00	E BRAD ST	20000623	1.40	10.85	1.00	YES	57%	74%											
3438	313	NJTPA	UNION	KENILWORTH BORO	00005059	11.36	ROUTE 509	07141235	1.32	10.85	1.00	YES	67%	72%											
3438	313	NJTPA	UNION	PLAINFIELD CITY	0000531	8.62	ROUTE 531	20121331	2.25	10.85	1.00	YES	NO	74%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041157	0.00	COMMERCE PL	20041362	0.05	10.85	1.00	YES	57%	74%											
3438	313	NJTPA	UNION	NEW PROVIDENCE BORO	20111040	0.40	RUNNYMEDE PKWY	N/A	N/A	10.85	1.00	NO	30%	12%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041420	0.30	ELIZABETH AVE	20041054	0.50	10.85	1.00	YES	73%	68%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041120	0.20	JACKSON AVE	20041121	0.33	10.85	1.00	YES	34%	74%											
3438	313	NJTPA	UNION	SUMMIT CITY	20181269	1.15	MT VERNON AVE	20181261	1.15	10.85	1.00	YES	79%	22%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041077	0.00	NILES ST	20041020	0.44	10.85	1.00	YES	72%	72%											
3438	313	NJTPA	UNION	UNION TWP	2000619	3.44	UNION COUNTY 619	00000509	5.32	10.85	1.00	YES	49%	28%											
3438	313	NJTPA	UNION	PLAINFIELD CITY	0000028	13.90	N/A	N/A	N/A	10.85	1.00	YES	86%	74%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041069	0.10	GENEVA ST	20041019	0.09	10.85	1.00	YES	73%	68%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041020	0.00	1ST AVE	20041420	0.38	10.85	1.00	YES	100%	68%											
3438	313	NJTPA	UNION	LINDEN CITY	2000615	0.67	LINDEN CITY 615	20131286	1.24	10.85	1.00	YES	97%	46%											
3438	313	NJTPA	UNION	ELIZABETH CITY	20041422	0.40	SUMMER ST	20041360	0.17	10.85	1.00	YES	57%	72%											
3438	313	NJTPA	UNION	KENILWORTH BORO	00005059	10.66	ROUTE 509	07091014	0.00	10.85	1.00														

**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 10, 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	
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	\$249,666	17.1913	1.5854
Possible Injury	C	\$157,482	10.8476	1.0000
Property Damage Only	D	\$14,518	1.0000	-

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

$$eC_{Total} = [K]^*eC_A + [A]^*eC_B + [B]^*eC_C + [C]^*eC_D + [D]^*eC_{PDO}$$

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	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	313	NJTPA	UNION	UNION TWP	20000630	2.65	UNION COUNTY 630	20191587	0.63	Oakland Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	488	95%	43%
3438	313	NJTPA	UNION	ELIZABETH CITY	20000610	9.15	UNION COUNTY 610	00000439	1.88	South Elmora Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	488	97%	66%
3438	313	NJTPA	UNION	UNION TWP	20000630	2.24	UNION COUNTY 630	20191613	0.00	Grandview Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	488	95%	43%
3438	313	NJTPA	UNION	ELIZABETH CITY	20041416	0.50	IRVINGTON AVE	20041130	0.13	Walnut Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	588	100%	74%
3438	313	NJTPA	UNION	LINDEN CITY	00000514	40.29	ROUTE 514	20000615	0.59	South Stiles Street	1	0	0	0	1	0	10.85	1.00	YES	NO	County	1,101	74%	46%
3438	313	NJTPA	UNION	SUMMIT CITY	20000657	0.08	UNION COUNTY 657	20191022	1.16	Franklin Place	1	0	0	0	1	0	10.85	1.00	YES	YES	County	845	84%	26%
3438	313	NJTPA	UNION	BAHWAY CITY	20131015	0.00	WEST MAIN STREET	20131014	0.04	COACH ST	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	513	99%	60%
3438	313	NJTPA	UNION	UNION TWP	00000082	2.40	NJ 82	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	N.J.D.O.T.	488	95%	43%
3438	313	NJTPA	UNION	BERKELEY HEIGHTS TWP	20000624	0.23	UNION COUNTY 624	20000658	0.84	N/A	1	0	0	0	1	0	10.85	1.00	NO	NO	County	1,073	39%	13%
3438	313	NJTPA	UNION	WESTFIELD TOWN	20101107	1.00	LAWRENCE AVE	20201065	0.10	Sinclair Place	1	0	0	0	1	0	10.85	1.00	NO	NO	Municipal	1,239	29%	11%
3438	313	NJTPA	UNION	RAHWAY CITY	20131288	0.24	WHITTIER ST	20131097	0.42	River Road	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	632	92%	60%
3438	313	NJTPA	UNION	ELIZABETH CITY	20041421	0.80	2ND ST	20041030	0.24	South Park Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	342	100%	74%
3438	313	NJTPA	UNION	ELIZABETH CITY	20041417	0.10	CHERRY ST	20041220	0.16	Sayre Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	588	97%	74%
3438	313	NJTPA	UNION	ELIZABETH CITY	20041160	0.30	WESTMINSTER AVE	20041186	0.00	Piggy Place	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	588	99%	74%
3438	313	NJTPA	UNION	CRANFORD TWP	20000615	3.10	UNION COUNTY 615	20031238	0.00	Cranford Ter	1	0	0	0	1	0	10.85	1.00	YES	YES	County	618	59%	26%
3438	313	NJTPA	UNION	PLAINFIELD CITY	20000620	0.74	UNION COUNTY 620	20121153	0.00	Church Street	1	0	0	0	1	0	10.85	1.00	YES	NO	County	1,122	100%	73%
3438	313	NJTPA	UNION	HILLSIDE TWP	20000628	0.12	UNION COUNTY 628	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	County	439	100%	60%
3438	313	NJTPA	UNION	RAHWAY CITY	20131055	0.00	CAMPBELL ST	20131256	0.03	Broad Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	513	99%	60%
3438	313	NJTPA	UNION	PLAINFIELD CITY	00000531	8.65	N/A	N/A	N/A	ROUTE 531	1	0	0	0	1	0	10.85	1.00	YES	NO	Municipal	1,122	100%	74%
3438	313	NJTPA	UNION	PLAINFIELD CITY	00000028_W	11.50	NJ 28 SECONDARY	00000531	8.48	Park Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	N/A	931	100%	74%
3438	313	NJTPA	UNION	WESTFIELD TOWN	20201147	1.10	N/A	N/A	N/A	NEVADA ST	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	825	54%	15%
3438	313	NJTPA	UNION	SUMMIT CITY	20000651	0.46	UNION COUNTY 651	20181209	0.00	Bedford Road	1	0	0	0	1	0	10.85	1.00	YES	YES	County	845	84%	26%
3438	313	NJTPA	UNION	LINDEN CITY	20000619	0.53	UNION COUNTY 619	20091072	0.34	Union Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	618	100%	46%
3438	313	NJTPA	UNION	ELIZABETH CITY	20041421	1.31	E JERSEY ST	20041421	0.33	New Point Road	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	342	100%	72%
3438	313	NJTPA	UNION	SPRINGFIELD TWP	00000595	0.70	N/A	N/A	N/A	ROUTE 509 SPUR	1	0	0	0	1	0	10.85	1.00	YES	YES	N/A	N/A	N/A	
3438	313	NJTPA	UNION	ELIZABETH CITY	20041420	0.70	N/A	N/A	N/A	ELIZABETH AVE	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	734	100%	72%
3438	313	NJTPA	UNION	ELIZABETH CITY	20041421	1.14	E JERSEY ST	20041023	0.00	Division Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	342	100%	72%
3438	313	NJTPA	UNION	FANWOOD BORO	20000655	3.11	UNION COUNTY 655	20051077	0.29	Belvidere Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	654	41%	32%
3438	313	NJTPA	UNION	CRANFORD TWP	20000615	4.46	UNION COUNTY 615	20031073	0.35	Central Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	764	51%	21%
3438	313	NJTPA	UNION	ELIZABETH CITY	20041121	0.10	FANNY ST	20041106	0.14	Madison Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	342	100%	74%
3438	313	NJTPA	UNION	CLARK TWP	20021003	0.00	CRESTWOOD LA	20000605	0.49	Nomahagan Drive	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	778	100%	30%
3438	313	NJTPA	UNION	ELIZABETH CITY	20000610	9.86	UNION COUNTY 610	00000027	33.96	Cherry Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	588	100%	74%
3438	313	NJTPA	UNION	KENILWORTH BORO	00000509_S	21.00	ROUTE 509 SECONDARY	00000444	140.29	Garden State Parkway	1	0	0	0	1	0	10.85	1.00	YES	YES	N/A	515	68%	28%
3438	313	NJTPA	UNION	WESTFIELD TOWN	20000606	2.09	UNION COUNTY 606	20161294	0.36	Raritan Road	1	0	0	0	1	0	10.85	1.00	NO	NO	County	1,065	38%	16%
3438	313	NJTPA	UNION	WESTFIELD TOWN	00000509	7.51	ROUTE 509	20071074	0.00	Fitzpatrick Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	740	54%	11%
3438	313	NJTPA	UNION	SCOTCH PLAINS TWP	20000634	1.34	UNION COUNTY 634	20161058	0.10	William Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	474	54%	22%
3438	313	NJTPA	UNION	UNION TWP	20191100	0.25	STANLEY TERR	20191091	0.22	Andrew St North	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	276	100%	30%
3438	313	NJTPA	UNION	HILLSIDE TWP	20071011	0.10	WINDSOR WAY	20071016	0.12	Reverse Drive	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	439	97%	60%
3438	313	NJTPA	UNION	SCOTCH PLAINS TWP	20000634	0.40	UNION COUNTY 634	20000655	4.64	Park Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	862	78%	22%
3438	313	NJTPA	UNION	UNION TWP	20191621	0.89	SPRINGFIELD RD	20000637	0.89	Liberty Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	790	59%	29%
3438	313	NJTPA	UNION	PLAINFIELD CITY	20121302	0.33	BERCKMAN AVE	20121150	1.12	East Third Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	805	99%	49%
3438	313	NJTPA	UNION	WESTFIELD TOWN	00000509	8.48	ROUTE 509	20000631	0.88	N/A	1	0	0	0	1	0	10.85	1.00	NO	YES	County	740	21%	9%
3438	313	NJTPA	UNION	WESTFIELD TOWN	00000577	0.47	ROUTE 577	00000577	0.23	Wilcox Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	623	96%	3%
3438	313	NJTPA	UNION	ROSELLE BORO	20141097	0.00	WARREN ST	00000027</																