

New Jersey Network Screening Lists, 2023

NJTPA - Intersection List (2018-2020 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 2018 AND 2020	Years 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

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	O	\$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%

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 (ePDO)	MPO	County	Municipality	Major Route			Minor Route			Crashes by Severity (2017-2020)					Weighted Score (ePDO)	Is EJ Area?	Is Census Block Group Pop. < 1,000?	NJDOT SLD - Roadway Jurisdiction of Major Route	EJScreen - Census Block Group Population (Lowest Value)	EJScreen - Minority % (Highest Value)	EJScreen - Low-Income % (Highest Value)	
					SRI	Milepost	Route Name	SRI	Milepost	Route Name	Total Crashes	K	A	B	C								O
1	1	NJTPA	ESSEX	NEWARK CITY	00000510	26.88	ROUTE 510	07051798	2.23	Parkway Dr West	36	0	3	5	8	20	363.52	YES	YES	Municipal	369	100%	74%
2	1	NJTPA	PASSAIC	PATERSON CITY	16081533	0.00	BROADWAY	16081447	0.24	Broadway	54	0	2	3	15	34	362.14	YES	YES	Municipal	702	100%	83%
3	1	NJTPA	BERGEN	MONTVALE BORO	02000094	0.37	BERGEN COUNTY 94	02361124	0.40	Mercedes Drive	39	0	1	7	13	18	336.32	YES	NO	County	1,704	46%	8%
4	1	NJTPA	OCEAN	JACKSON TWP	00000537	41.84	ROUTE 537	13321026	0.00	Burnt Tavern Road	28	0	3	5	6	14	335.82	NO	NO	County	1,975	25%	20%
5	2	NJTPA	ESSEX	EAST ORANGE CITY	00000508	7.95	ROUTE 508	07191831	1.46	South Harrison Street	26	1	3	1	7	14	334.80	YES	YES	County	418	100%	72%
6	1	NJTPA	MIDDLESEX	EDISON TWP	00000529	1.06	ROUTE 529	12051199	0.15	Greenwood Avenue	62	0	0	5	19	38	330.09	YES	YES	County	774	98%	50%
7	2	NJTPA	OCEAN	LAKEWOOD TWP	00000528	32.13	ROUTE 528	15000623	7.92	New Hampshire Road	38	0	3	2	9	24	326.77	YES	NO	County	3,028	59%	67%
8	3	NJTPA	ESSEX	NEWARK CITY	07141865	0.49	BROAD ST	07141121	0.00	Brunswick Street	23	0	3	1	10	9	305.43	YES	YES	Municipal	352	100%	94%
9	4	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	25.50	ROUTE 509	16081383	0.00	Clinton Street	45	0	0	6	16	23	299.75	YES	YES	County	467	75%	35%
10	2	NJTPA	MIDDLESEX	EAST BRUNSWICK TWP	12000617	5.25	MIDDLESEX COUNTY 617	12121706	0.79	Washington Avenue	32	0	2	6	5	19	290.26	YES	YES	County	888	50%	25%
11	3	NJTPA	OCEAN	LAKEWOOD TWP	15000623	6.71	OCEAN COUNTY 623	15141347	0.81	Oak Street	33	0	1	5	12	15	288.08	YES	NO	County	8,681	20%	47%
12	5	NJTPA	ESSEX	NEWARK CITY	07000603	3.30	ESSEX COUNTY 603	07091883	1.48	Court Street	41	0	2	4	6	29	276.71	YES	YES	County	202	100%	100%
13	4	NJTPA	OCEAN	TOMS RIVER TWP	00000571	5.21	ROUTE 571	15000623	1.38	Old Freehold Road	29	0	1	8	6	14	273.58	NO	NO	County	1,408	34%	20%
14	6	NJTPA	ESSEX	GLEN RIDGE BORO	07000653	2.07	ESSEX COUNTY 653	07000654	0.23	Bay Avenue	22	0	3	1	6	12	265.03	YES	YES	County	607	68%	35%
15	5	NJTPA	OCEAN	LAKEWOOD TWP	00000528	32.43	ROUTE 528	15141436	0.73	Oberlin Av South	42	0	2	2	8	30	265.01	YES	NO	County	3,028	59%	47%
16	2	NJTPA	BERGEN	ENGLEWOOD CITY	00000501	43.40	ROUTE 501	02151216	0.08	East Linden Avenue	42	0	1	3	12	26	264.68	YES	YES	County	476	99%	45%
17	7	NJTPA	ESSEX	NEWARK CITY	07000667	1.24	ESSEX COUNTY 667	07141605	0.19	Delavan Avenue	23	0	2	1	11	9	259.36	YES	YES	County	652	100%	71%
18	3	NJTPA	BERGEN	PALISADES PARK BORO	02191162	0.70	BRINKENHOFF AVE	00000001	63.29	Broad Avenue	47	0	0	7	10	30	258.86	YES	YES	Municipal	587	96%	75%
19	8	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.47	ESSEX COUNTY 603	07091006	0.00	Maple Avenue	35	0	1	3	12	19	257.68	YES	YES	County	331	100%	98%
20	2	NJTPA	PASSAIC	PATERSON CITY	16000647	2.66	PASSAIC COUNTY 647	16081244	0.05	Montgomery Street	34	0	1	0	17	16	257.33	YES	YES	County	72	100%	83%
21	4	NJTPA	BERGEN	PALISADES PARK BORO	00000501	39.92	ROUTE 501	02451010	0.44	Fifth Street	38	0	1	2	13	22	254.33	YES	YES	County	712	96%	75%
22	6	NJTPA	OCEAN	LAKEWOOD TWP	00000528	31.11	ROUTE 528	15140020	0.00	Clover Street	27	0	1	5	9	12	252.53	YES	NO	County	3,028	59%	67%
23	9	NJTPA	ESSEX	SOUTH ORANGE TWP	00000510	25.40	ROUTE 510	07191831	0.00	Centre Street	15	0	3	1	5	6	248.19	YES	YES	County	596	100%	59%
24	10	NJTPA	ESSEX	NEWARK CITY	07000602	1.13	ESSEX COUNTY 602	07141166	0.00	Stecher Street	49	0	2	1	7	39	245.97	YES	YES	County	249	100%	72%
25	3	NJTPA	PASSAIC	WAYNE TWP	16000681	2.57	PASSAIC COUNTY 681	16000705	0.93	Ratzer Road	20	0	2	4	5	9	245.86	YES	YES	Municipal	795	57%	25%
26	11	NJTPA	ESSEX	NEWARK CITY	07141865	0.82	BROAD ST	07141260	0.83	West Kinney Street	29	1	1	1	9	17	245.66	YES	YES	Municipal	352	100%	83%
27	5	NJTPA	BERGEN	ENGLEWOOD CITY	00000501	42.91	ROUTE 501	02151028	0.19	Banker Street	46	0	1	5	6	34	241.99	YES	YES	County	389	91%	45%
28	12	NJTPA	ESSEX	NEWARK CITY	07000605	0.78	ESSEX COUNTY 605	07091780	0.18	Mt Vernon Place	21	1	1	3	6	10	240.51	YES	YES	County	200	100%	80%
29	13	NJTPA	ESSEX	LIVINGSTON TWP	00000510	18.96	ROUTE 510	07000607	1.26	Walnut Street	32	0	0	8	8	16	240.36	NO	NO	County	1,755	37%	13%
30	1	NJTPA	SOMERSET	MANVILLE BORO	00000533	28.83	ROUTE 533	18000608	1.67	Dukes Parkway East	30	0	3	2	1	24	239.99	YES	YES	County	814	64%	57%
31	14	NJTPA	ESSEX	NEWARK CITY	00000510	28.43	ROUTE 510	07141900	1.73	Norfolk Street	47	0	0	4	13	30	239.81	YES	YES	Municipal	454	100%	100%
32	15	NJTPA	ESSEX	NEWARK CITY	07000667	1.10	ESSEX COUNTY 667	07141596	0.15	Chester Avenue	23	0	2	1	9	11	239.66	YES	YES	County	652	100%	81%
33	2	NJTPA	SOMERSET	FRANKLIN TWP	00000514	21.07	ROUTE 514	18081645	2.10	John F Kennedy Boulevard	24	0	0	7	10	7	235.86	YES	YES	County	735	96%	35%
34	1	NJTPA	HUDSON	NORTH BERGEN TWP	00000501	36.48	ROUTE 501	09081004	0.00	76th Street	18	1	2	0	5	10	234.99	YES	YES	County	141	98%	44%
35	16	NJTPA	ESSEX	NEWARK CITY	00000510	27.10	ROUTE 510	00000509	11.54	Boulevard	24	0	1	4	9	10	233.33	YES	YES	Municipal	369	100%	74%
36	17	NJTPA	ESSEX	NEWARK CITY	07141865	0.96	BROAD ST	07091883	2.24	Walnut Street	19	0	2	2	7	8	232.16	YES	YES	Municipal	352	100%	83%
37	18	NJTPA	ESSEX	NEWARK CITY	07141895	1.52	BERGEN ST	07141113	0.78	Madison Avenue	16	2	0	4	4	6	232.01	YES	YES	Municipal	202	100%	94%
38	6	NJTPA	BERGEN	EDGEWATER BORO	00000505	3.84	ROUTE 505	02000525	0.00	Gorge Road	29	0	2	3	4	20	228.82	YES	YES	County	141	89%	52%
39	1	NJTPA	UNION	ELIZABETH CITY	200413862	0.63	E GRAND ST	20041090	0.37	Reid Street	46	0	0	5	10	31	225.46	YES	YES	Municipal	342	100%	74%
40	19	NJTPA	ESSEX	NEWARK CITY	07091882	0.97	AVON AVE	07141895	1.65	Bergen Street	19	0	2	4	3	10	225.17	YES	YES	Municipal	202	100%	94%
41	4	NJTPA	PASSAIC	PATERSON CITY	16081501	0.09	E 16 TH ST	16081499	0.04	Governor Street	22	0	1	4	8	9	221.49	YES	YES	Municipal	752	100%	83%
42	20	NJTPA	ESSEX	NEWARK CITY	07141895	3.14	BERGEN ST	07171203	3.16	Market Street	28	0	2	2	5	19	221.47	YES	YES	Municipal	454	100%	100%
43	7	NJTPA	BERGEN	PALISADES PARK BORO	02191162	0.60	BRINKENHOFF AVE	02451021	0.54	8th Street	44	0	1	2	9	32	220.94	YES	YES	Municipal	695	96%	75%
44	8	NJTPA	BERGEN	FAIR LAWN BORO	02000076	1.10	BERGEN COUNTY 76	02171401	1.25	Plaza Road	13	0	3	0	4	6	220.14	YES	YES	County	327	48%	30%
45	1	NJTPA	MONMOUTH	BRADLEY BEACH BORO	13000040A	1.07	MONMOUTH COUNTY 40 A	13071025	0.65	7th Avenue	27	0	1	6	4	16	219.49	YES	YES	County	573	99%	58%
46	9	NJTPA	BERGEN	HACKENSACK CITY	02000060	0.25	BERGEN COUNTY 60	00000503	6.03	River Street	33	0	1	5	5	22	219.14						

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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 2018 AND 2020	Years 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

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	O	\$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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					SRI	Milepost	SRI	Milepost	Total Crashes	K	A	B	C	O									
90	31	NJTPA	ESSEX	NEWARK CITY	07141865	1.03	BROAD ST	07141290	0.16	Hill Street	13	0	2	2	2	7	176.92	YES	YES	Municipal	718	100%	100%
91	32	NJTPA	ESSEX	NEWARK CITY	07000603	2.65	ESSEX COUNTY 603	07141199	0.31	South Jacob Street	18	0	1	2	7	8	175.25	YES	YES	County	202	100%	93%
92	14	NJTPA	OCEAN	LAKEWOOD TWP	15000623	6.11	OCEAN COUNTY 623	15140040	1.32	Chestnut Street	45	0	0	5	5	35	175.22	YES	NO	County	1,359	71%	47%
93	12	NJTPA	PASSAIC	PASSAIC CITY	16000601	2.41	PASSAIC COUNTY 601	16071204	0.00	Prospect Street	21	0	1	3	5	12	174.75	YES	YES	County	543	100%	97%
94	15	NJTPA	BERGEN	PALISADES PARK BORO	02451056	0.20	E HOMESTEAD AVE	02451008	0.07	Temple Ter	21	0	0	4	9	8	174.42	YES	YES	Municipal	550	96%	75%
95	15	NJTPA	OCEAN	LAKEWOOD TWP	15141492	1.10	CLIFTON AVE	15141092	0.24	Courtney Road	24	0	0	5	7	12	173.92	YES	YES	Municipal	680	49%	88%
96	33	NJTPA	ESSEX	IRVINGTON TWP	07000602	1.04	ESSEX COUNTY 602	07091181	0.00	Cordier Street	23	0	1	1	8	13	173.90	YES	YES	County	249	100%	72%
97	16	NJTPA	BERGEN	TEANECK TWP	02000049	4.60	BERGEN COUNTY 49	02000041	4.79	River Road	26	0	1	2	6	17	173.40	YES	YES	County	475	71%	44%
98	13	NJTPA	PASSAIC	PATERSON CITY	16081447	1.00	BROADWAY AVE	16000649	1.51	Madison Avenue	36	0	0	3	9	24	173.22	YES	YES	Municipal	509	100%	83%
99	1	NJTPA	MORRIS	RANDOLPH TWP	14000656	0.08	MORRIS COUNTY 656	14321001	1.17	Quaker Church Road	32	0	0	2	11	19	172.72	YES	NO	County	1,410	53%	22%
100	16	NJTPA	OCEAN	MANCHESTER TWP	15181047	0.40	NORTHAMPTON BLVD	15181029	0.22	Madison Avenue	12	0	1	4	4	3	172.10	YES	NO	Municipal	1,328	33%	26%
101	17	NJTPA	OCEAN	BRICK TWP	00000549	10.20	ROUTE 549	N/A	N/A	24	0	0	3	10	11	171.07	YES	YES	County	954	59%	54%	
102	34	NJTPA	ESSEX	ORANGE CITY	00000508	7.51	ROUTE 508	07171141	0.69	South Center Street	12	0	2	1	3	6	169.57	YES	YES	County	494	100%	78%
102	3	NJTPA	UNION	NEW PROVIDENCE BORO	20000647	1.44	UNION COUNTY 647	20111001	1.44	Central Avenue	12	0	2	1	3	6	169.57	NO	NO	County	1,182	38%	13%
104	10	NJTPA	MIDDLESEX	SAUREVILLE BORO	12191363	0.20	ERNSTON RD	12091254	0.00	Westminster Boulevard	15	0	1	3	5	6	168.75	YES	NO	Municipal	1,085	82%	37%
104	35	NJTPA	ESSEX	NEWARK CITY	07091882	0.48	AVON AVE	07141903	2.01	South 12th Street	15	0	1	3	5	6	168.75	YES	YES	Municipal	331	100%	98%
106	14	NJTPA	PASSAIC	PASSAIC COUNTY 622	16000622	2.22	PASSAIC COUNTY 622	16071087	0.72	Boulevard	25	0	0	4	8	13	168.57	YES	YES	County	823	100%	76%
107	5	NJTPA	SOMERSET	WATCHUNG BORO	00000527	60.94	ROUTE 527	00000531	10.82	Watchung Avenue	27	0	2	0	3	22	168.38	YES	NO	County	1,073	56%	10%
108	36	NJTPA	ESSEX	BELLEVILLE TWP	07000647	0.00	ESSEX COUNTY 647	07000672	0.61	Mill Street	14	0	2	2	1	9	168.08	YES	YES	County	553	100%	71%
109	4	NJTPA	UNION	CLARK TWP	20000613	4.46	UNION COUNTY 613	00000444	136.22	Garden State Parkway	53	0	0	1	10	42	167.67	YES	YES	County	618	39%	31%
110	5	NJTPA	UNION	ROSELLE BORO	20000619	2.09	UNION COUNTY 619	20041292	2.12	West 2nd Avenue	20	0	1	2	6	11	167.40	YES	YES	County	671	100%	56%
111	37	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.81	ROUTE 508	07141876	0.64	South Munn Avenue	19	0	1	2	6	10	166.40	YES	YES	County	48	100%	74%
112	38	NJTPA	ESSEX	IRVINGTON TWP	07000602	0.11	ESSEX COUNTY 602	07000619	1.23	Stuyvesant Avenue	22	0	0	4	8	10	165.57	YES	YES	County	553	100%	80%
113	11	NJTPA	MIDDLESEX	MONROE TWP	12000612	3.97	MIDDLESEX COUNTY 612	12131038	1.59	Spotswood Gravel Hill Road	15	1	0	4	3	7	165.25	NO	NO	County	3,332	37%	21%
114	17	NJTPA	BERGEN	LODI BORO	020000561	3.15	BERGEN COUNTY 561	02311186	0.00	Riverview Avenue	17	0	2	1	2	12	164.73	YES	YES	County	467	67%	47%
115	39	NJTPA	ESSEX	NEWARK CITY	000005065	3.19	ROUTE 506 SPUR	07141928	0.38	Lake Street	17	0	1	2	6	8	164.40	YES	YES	County	867	99%	81%
116	18	NJTPA	OCEAN	JACKSON TWP	00000526	22.94	ROUTE 526	15110026	1.44	Diamond Road	14	1	0	4	3	6	164.25	NO	NO	County	1,647	31%	20%
117	40	NJTPA	ESSEX	NEWARK CITY	07091883	1.15	15TH AVE	07141895	2.43	Bergen Street	13	0	2	0	4	7	164.23	YES	YES	Municipal	202	100%	97%
118	12	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12000656	0.00	MIDDLESEX COUNTY 656	12251932	0.00	Crows Mill Road	24	0	0	5	6	13	164.07	YES	NO	County	1,603	76%	19%
119	41	NJTPA	ESSEX	MONTCLAIR TWP	00000506	5.81	ROUTE 506	07131206	2.61	North Mountain Avenue	23	0	1	4	2	16	163.40	YES	YES	County	464	57%	30%
120	42	NJTPA	ESSEX	NEWARK CITY	07091881	2.60	CLINTON AVE	07141966	0.09	Thomas Street	16	1	0	2	6	7	163.40	YES	YES	Municipal	352	100%	94%
121	19	NJTPA	OCEAN	TOMS RIVER TWP	00000527	7.48	ROUTE 527	N/A	N/A	23	0	0	5	6	12	163.07	YES	NO	County	1,533	37%	83%	
122	43	NJTPA	ESSEX	ORANGE CITY	07000638	4.59	ESSEX COUNTY 638	07000659	0.00	Main Street	29	0	1	3	3	22	163.05	YES	YES	County	408	100%	88%
123	6	NJTPA	UNION	ELIZABETH CITY	20000623	2.92	UNION COUNTY 623	20041167	0.00	Lower Road	29	0	0	4	7	18	162.72	YES	YES	County	706	97%	89%
124	44	NJTPA	ESSEX	NEWARK CITY	07141891	1.66	ELIZABETH AVE	07141098	0.67	East Bigelow Street	21	0	2	0	3	16	162.38	YES	YES	Municipal	202	100%	94%
125	45	NJTPA	ESSEX	NEWARK CITY	07141241	0.50	12TH AVE	07141895	2.93	Bergen Street	12	0	1	4	3	4	162.25	YES	YES	Municipal	454	100%	100%
126	5	NJTPA	HUDSON	WEST NEW YORK TOWN	09121076	0.34	60TH ST	09121045	0.43	Palisade Avenue	11	0	2	0	4	5	162.23	YES	YES	Municipal	205	100%	95%
127	2	NJTPA	MONMOUTH	TINTON FALLS BORO	13000013A	1.53	MONMOUTH COUNTY 13 A	13000051	3.38	Hance Avenue	24	1	0	2	5	16	161.55	YES	YES	County	896	67%	24%
128	6	NJTPA	SOMERSET	FRANKLIN TWP	00000527	48.15	ROUTE 527	18000617	1.86	Franklin Boulevard	17	0	1	3	4	9	160.90	YES	YES	County	822	95%	54%
129	20	NJTPA	OCEAN	LAKEWOOD TWP	00000528	30.58	ROUTE 528	15141228	0.60	Dr M L King Drive	20	0	1	4	2	13	160.40	YES	YES	County	384	45%	69%
130	46	NJTPA	ESSEX	EAST ORANGE CITY	07051875	0.21	FREEWAY DR E	07051809	0.73	South Oraton Parkway	19	0	1	1	7	10	160.05	YES	YES	Municipal	48	100%	72%
130	46	NJTPA	ESSEX	NEWARK CITY	07141916	0.60	WASHINGTON ST	07141911	0.16	William Street	19	0	1	1	7	10	160.05	YES	YES	Municipal	645	100%	100%
132	21	NJTPA	OCEAN	JACKSON TWP	00000526	26.80	ROUTE 526	15110054	0.00	North Cooks Bridge Road	16	0	1	3	4	8	159.90	NO	NO	County	2,794	32%	17%
133	3	NJTPA	MONMOUTH	HOWELL TWP	00000524A	0.81	ROUTE 524 ALTERNATE	13161011	5.55	West Farms Road	12	0	1	2	6	3	159.40	YES	YES	County	886	24%	27%
134	48	NJTPA	ESSEX	NEWARK CITY	07000603	3.28	ESSEX COUNTY 603	07091883	1.45	15th Avenue	8	0	2	0	4	2	159.23	YES	YES	County	202	100%	100%
135	7	NJTPA	UNION	ELIZABETH CITY	20000637	0.00	UNION COUNTY 637	0000022_W	53.65	N/A	41	0	0	0	12	29	159.17	YES	YES	County	588	100%	74%
136	4	NJTPA	MONMOUTH	ASBURY PARK CITY	13031009	0.07	MEMORIAL DR	13031001	0.44	1st Avenue	21	0	1	2	5	13	158.55	YES	YES	Municipal	471	99%	72%
137	22	NJTPA	OCEAN	LAKEWOOD TWP	15141490	1.23	7TH ST	15141126	0.60	Somerset Avenue	28	0	0	5	5	18	158.22	YES	NO	Municipal	3,507	45%	75%
138	15	NJTPA	PASSAIC	TOTOWA BORO	16000646	1.85	PASSAIC COUNTY 646	16121108	0.00	Crews Street	10	0	2	1	2	5	157.73	YES	YES	County	410	65%	24%
139	18	NJTPA	BERGEN	ENGLEWOOD CITY	00000501	42.86	ROUTE 501	02151676	0.18	N/A	33	0	0	1	11	21	157.52	YES	YES	County	389	91%	27%
140	49	NJTPA	ESSEX	ORANGE CITY	07000638	4.95	ESSEX COUNTY 638	07000658	0.43	Park Avenue	13	2	0	2	0	9	157.23	YES	YES	County	408	100%	88%
141	50	NJTPA	ESSEX	NEWARK CITY	07000667	0.40	ESSEX COUNTY 667	07141553	0.31	East 3rd Avenue	19	0	1	2									

New Jersey Network Screening Lists, 2023

NJTPA - Intersection List (2018-2020 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 2018 AND 2020	Years 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

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	O	\$14,518	1.0000	-

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

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

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 update as more information becomes available.

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Rank (ePDO)	County Rank (ePDO)	MPO	County	Municipality	Major Route		Minor Route		Crashes by Severity (2017-2020)						Weighted Score (ePDO)	Is EJ Area?	Is Census Block Group Pop. < 1,000?	NJDOT SLD - Roadway Jurisdiction of Major Route	EJScreen - Census Block Group Population (Lowest Value)	EJScreen - Minority % (Highest Value)	EJScreen - Low-Income % (Highest Value)		
					SRI	Milepost	SRI	Milepost	Total Crashes	K	A	B	C	O									
179	66	NJTPA	ESSEX	NEWARK CITY	07141235	1.07	14TH AVE	07141216	0.15	South 17th Street	15	0	1	4	1	9	145.55	YES	YES	Municipal	369	100%	74%
180	11	NJTPA	SOMERSET	BRIDGEWATER TWP	00000533	30.59	ROUTE 533	18000675	0.61	Polhemus Road	12	0	0	7	2	3	145.08	YES	NO	County	1,503	60%	11%
181	67	NJTPA	ESSEX	NEWARK CITY	00000510	27.89	ROUTE 510	07141225	0.50	South 6th Street	24	0	0	2	9	13	145.02	YES	YES	Municipal	454	100%	97%
182	19	NJTPA	PASSAIC	PATERSON CITY	16000648	2.46	PASSAIC COUNTY 648	160006241	2.83	Lakeview Avenue	30	0	1	0	6	23	145.00	YES	YES	County	447	100%	67%
183	68	NJTPA	ESSEX	EAST ORANGE CITY	00000510	26.33	ROUTE 510	07051095	0.00	Sunnyside Trail	7	0	2	1	1	3	144.88	YES	YES	County	417	100%	74%
183	26	NJTPA	OCEAN	STAFFORD TWP	15000111	2.15	OCEAN COUNTY 111	15301177	0.99	Atlantis Avenue	7	0	2	1	1	3	144.88	YES	NO	County	1,516	20%	32%
185	69	NJTPA	ESSEX	BLOOMFIELD TWP	000005065	1.65	ROUTE 506 SPUR	07171827	1.78	Watnessing Avenue	17	0	1	2	4	10	144.70	YES	YES	County	785	99%	76%
185	20	NJTPA	PASSAIC	WAYNE TWP	16000681	0.67	PASSAIC COUNTY 681	16141520	0.16	Macdonald Drive	17	1	0	2	4	10	144.70	NO	NO	County	1,080	18%	14%
185	3	NJTPA	MORRIS	RANDOLPH TWP	14000670	2.99	MORRIS COUNTY 670	14321001	0.54	Quaker Church Road	17	0	1	2	4	10	144.70	YES	YES	County	908	57%	22%
185	20	NJTPA	PASSAIC	WAYNE TWP	16000689	1.14	PASSAIC COUNTY 689	16141360	0.17	Lions Head Boulevard	17	0	1	2	4	10	144.70	NO	YES	County	726	28%	13%
189	22	NJTPA	PASSAIC	PATERSON CITY	16081455	0.50	WARD ST	16081502	0.65	College Boulevard	30	0	0	1	10	19	144.67	YES	YES	Municipal	72	100%	83%
190	4	NJTPA	MORRIS	RANDOLPH TWP	14000643	0.04	MORRIS COUNTY 643	14321001	1.82	Quaker Church Road	27	0	0	3	7	17	144.53	YES	NO	County	1,410	88%	37%
190	22	NJTPA	BERGEN	ELMWOOD PARK BORO	00000507	12.65	ROUTE 507	02111069	0.11	Locust Street	27	0	0	3	7	17	144.53	YES	YES	County	578	100%	39%
192	16	NJTPA	MIDDLESEX	MONROE TWP	12000619	4.98	MIDDLESEX COUNTY 619	12000614	8.47	Prospect Plains Road	24	0	0	5	4	15	144.38	YES	YES	County	772	30%	34%
193	70	NJTPA	ESSEX	NEWARK CITY	07000601	2.66	ESSEX COUNTY 601	07141891	0.19	Elizabeth Avenue	6	0	2	1	1	2	143.88	YES	YES	County	627	100%	89%
194	71	NJTPA	ESSEX	IRVINGTON TWP	07091879	0.19	EASTERN PKWY	07091825	0.66	North Maple Avenue	16	1	0	2	4	9	143.70	YES	YES	Municipal	331	100%	98%
195	23	NJTPA	PASSAIC	WAYNE TWP	00000202	65.40	US 202	00000504	6.47	Ratzer Road	22	0	1	1	5	15	143.35	YES	YES	County	573	38%	36%
195	8	NJTPA	HUDSON	JERSEY CITY	00000501	29.37	ROUTE 501	09061691	1.23	Communipaw Avenue	22	1	0	1	5	15	143.35	YES	YES	County	410	99%	66%
197	72	NJTPA	ESSEX	NEWARK CITY	07141596	0.20	CHESTER AVE	07141601	0.13	Oraton Street	5	0	2	1	1	1	142.88	YES	YES	Municipal	652	100%	81%
198	24	NJTPA	PASSAIC	CLIFTON CITY	16000626	0.16	PASSAIC COUNTY 626	16021192	0.11	Hope Avenue	19	0	0	4	6	9	142.87	YES	YES	County	371	100%	76%
199	27	NJTPA	OCEAN	TOMS RIVER TWP	00000571	6.34	ROUTE 571	15071433	0.00	Green Road	12	0	1	4	1	6	142.55	NO	NO	County	1,394	34%	20%
200	73	NJTPA	ESSEX	NEWARK CITY	07141865	0.56	BROAD ST	07141120	0.14	Lincoln Park	11	1	1	0	2	7	142.53	YES	YES	Municipal	352	100%	94%
201	8	NJTPA	MONMOUTH	BRADLEY BEACH BORO	13000040A	1.29	MONMOUTH COUNTY 40 A	13351019	0.40	Fourth Avenue	25	0	0	3	7	15	142.53	YES	YES	County	573	90%	43%
202	28	NJTPA	OCEAN	JACKSON TWP	00000528	27.81	ROUTE 528	15000626	2.88	West Cross Street	19	0	0	7	1	11	142.23	YES	YES	County	896	21%	58%
203	74	NJTPA	ESSEX	NEWARK CITY	07091883	0.65	15TH AVE	07141903	1.23	South 15th Street	8	0	1	3	3	1	142.05	YES	YES	Municipal	369	100%	80%
204	75	NJTPA	ESSEX	GLEN RIDGE BORO	000005065	0.24	ROUTE 506 SPUR	07000653	1.21	Ridgewood Avenue	24	0	0	3	7	14	141.53	YES	YES	County	411	98%	55%
205	1	NJTPA	SUSSEX	VERNON TWP	00000517	50.76	ROUTE 517	19000644	0.00	Vernon Crossing	17	0	0	4	6	7	140.87	NO	NO	County	1,443	22%	10%
206	23	NJTPA	BERGEN	PARAMUS BORO	02000059	4.04	BERGEN COUNTY 59	020000741	0.39	Midland Avenue	26	0	0	1	10	15	140.67	YES	YES	County	761	76%	33%
207	25	NJTPA	PASSAIC	PATERSON CITY	16000649	2.73	PASSAIC COUNTY 649	16081230	0.43	4th Avenue	19	0	0	2	9	8	140.02	YES	YES	County	507	100%	81%
208	9	NJTPA	HUDSON	KEARNY TOWN	00000508	13.89	ROUTE 508	09071144	1.57	Bergen Avenue	32	0	1	2	2	27	140.01	YES	YES	County	0	73%	60%
209	76	NJTPA	ESSEX	NEWARK CITY	07000603	2.04	ESSEX COUNTY 603	07141216	0.90	South 17th Street	28	0	0	2	8	18	139.18	YES	YES	County	331	100%	98%
210	12	NJTPA	SOMERSET	BRIDGEWATER TWP	00000533	29.89	ROUTE 533	18000612	1.34	East Main Street	15	0	0	4	6	5	138.87	YES	NO	County	1,230	64%	12%
211	24	NJTPA	BERGEN	ORADELL BORO	02000059	5.01	BERGEN COUNTY 59	020000801	5.41	Oradell Avenue	34	0	0	1	9	24	138.83	YES	YES	County	826	76%	9%
212	26	NJTPA	PASSAIC	PASSAIC CITY	160006241	0.50	PASSAIC COUNTY 624 I	16021145	0.74	Summer Street	7	0	2	0	2	3	138.53	YES	YES	County	371	100%	89%
213	25	NJTPA	BERGEN	HACKENSACK CITY	02000044	0.23	BERGEN COUNTY 44	02231145	0.57	East Railroad Avenue	40	0	0	0	10	30	138.48	YES	YES	County	177	95%	80%
214	9	NJTPA	MONMOUTH	FREEHOLD BORO	00000537	51.56	ROUTE 537	00000338	2.92	Park Avenue	17	0	1	1	5	10	138.35	YES	YES	Municipal	889	73%	51%
214	26	NJTPA	BERGEN	EDGEWATER BORO	00000505	5.25	ROUTE 505	02131028	0.12	Garden Place	17	0	1	1	5	10	138.35	YES	YES	County	495	75%	66%
216	29	NJTPA	OCEAN	TOMS RIVER TWP	00000571	2.38	ROUTE 571	15000627	0.00	Vaughn Avenue	17	0	1	4	0	12	137.71	YES	NO	County	1,458	33%	25%
217	77	NJTPA	ESSEX	MONTCLAIR TWP	07000623	0.12	ESSEX COUNTY 623	07081356	0.34	Glenridge Avenue	20	0	0	3	7	10	137.53	YES	YES	County	464	98%	55%
217	77	NJTPA	ESSEX	NEWARK CITY	07000658	3.62	ESSEX COUNTY 658	07141900	3.14	Clifton Avenue	20	0	0	3	7	10	137.53	YES	YES	County	633	100%	81%
219	79	NJTPA	ESSEX	NEWARK CITY	07000603	2.91	ESSEX COUNTY 603	07141895	2.24	Bergen Street	23	0	0	4	5	14	137.03	YES	YES	County	202	100%	97%
220	30	NJTPA	OCEAN	TOMS RIVER TWP	00000571	3.37	ROUTE 571	15000022	0.00	Cedar Grove Road	19	0	1	2	3	13	136.85	NO	NO	County	1,407	11%	12%
221	27	NJTPA	PASSAIC	PATERSON CITY	16081447	0.90	BROADWAY AVE	16000653	0.41	East 18th Street	15	0	1	1	5	8	136.35	YES	YES	Municipal	509	100%	83%
221	80	NJTPA	ESSEX	NEWARK CITY	07091883	0.30	15TH AVE	07141163	1.15	South 19th Street	15	0	1	1	5	8	136.35	YES	YES	Municipal	369	100%	82%
223	81	NJTPA	ESSEX	NEWARK CITY	07141868	0.87	RAYMOND BLVD	07141441	0.27	Lister Avenue	8	1	1	1	0	5	136.03	YES	YES	Municipal	197	100%	93%
224	27	NJTPA	BERGEN	RIVER EDGE BORO	00000503	7.56	ROUTE 503																

New Jersey Network Screening Lists, 2023

NJTPA - Intersection List (2018-2020 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 2018 AND 2020	Years 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

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	O	\$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%

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Rank (ePDO)	County Rank (ePDO)	MPO	County	Municipality	Major Route			Minor Route			Crashes by Severity (2017-2020)					Weighted Score (ePDO)	Is EJ Area?	Is Census Block Group Pop. < 1,000?	NJDOT SLD - Roadway Jurisdiction of Major Route	EJScreen - Census Block Group Population (Lowest Value)	EJScreen - Minority % (Highest Value)	EJScreen - Low-Income % (Highest Value)	
					SRI	Milepost	Route Name	SRI	Milepost	Route Name	Total Crashes	K	A	B	C								O
268	32	NJTPA	PASSAIC	PATERSON CITY	00000509Z	0.00	ROUTE 509 Z	00000509	25.40	Broad Street	20	0	0	3	6	11	127.68	YES	YES	Municipal	72	100%	83%
269	34	NJTPA	BERGEN	FAIRVIEW BORO	02000048	0.06	BERGEN COUNTY 48	02000029	0.00	Anderson Avenue	16	1	0	1	4	10	127.51	YES	YES	County	141	90%	52%
269	14	NJTPA	HUDSON	JERSEY CITY	00000501	27.35	ROUTE 501	09061682	0.44	Seaview Avenue	16	0	1	1	4	10	127.51	YES	YES	County	498	100%	71%
269	34	NJTPA	BERGEN	HACKENSACK CITY	00000503	5.12	ROUTE 503	020000561	5.34	Court Street	16	1	0	1	4	10	127.51	YES	YES	County	660	95%	86%
272	36	NJTPA	BERGEN	RIDGEFIELD BORO	02000531	0.24	BERGEN COUNTY 531	02491107	0.02	Prospect Avenue	26	0	0	2	7	17	127.33	YES	YES	County	550	96%	55%
273	102	NJTPA	ESSEX	LIVINGSTON TWP	00000510	20.69	ROUTE 510	07000608	2.99	East Hobart Gap Road	19	0	0	0	11	8	127.32	NO	YES	County	747	43%	13%
274	37	NJTPA	BERGEN	WESTWOOD BORO	00000502	17.50	ROUTE 502	00000503	12.97	Kinderkamack Road	12	0	1	0	6	5	127.00	YES	YES	County	747	45%	26%
275	103	NJTPA	ESSEX	NEWARK CITY	07141235	0.92	14TH AVE	07141215	0.24	South 14th Street	9	0	1	2	3	3	126.85	YES	YES	Municipal	369	100%	72%
275	32	NJTPA	OCEAN	JACKSON TWP	00000526	30.10	ROUTE 526	15111100	0.00	Brookwood Parkway	9	0	1	2	3	3	126.85	YES	NO	County	1,173	39%	49%
275	32	NJTPA	OCEAN	TOMS RIVER TWP	15000623	3.64	OCEAN COUNTY 623	15000620	1.09	Church Road	9	0	1	2	3	3	126.85	NO	NO	County	1,394	33%	15%
278	104	NJTPA	ESSEX	NEWARK CITY	00000510	28.10	ROUTE 510	07141895	2.66	Bergen Street	29	0	0	3	5	21	126.83	YES	YES	Municipal	454	100%	97%
279	105	NJTPA	ESSEX	NEWARK CITY	07141819	1.34	PORT ST	07141820	0.06	Doremus Avenue	5	0	2	0	1	2	126.68	YES	NO	Municipal	1,391	88%	0%
280	106	NJTPA	ESSEX	IRVINGTON TWP	07000619	0.19	ESSEX COUNTY 619	07091821	0.00	40th Street	19	0	0	3	6	10	126.68	YES	YES	County	510	100%	59%
281	13	NJTPA	SOMERSET	HILLSBOROUGH TWP	18101363	0.54	CAMPLAIN RD	18101041	0.59	Old Camplain Road	22	0	0	4	4	14	126.18	YES	NO	Municipal	1,024	54%	38%
282	21	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161165	0.78	FAYETTE ST	12161175	0.24	Oak Street	18	0	1	2	2	13	126.01	YES	YES	Municipal	996	98%	67%
283	11	NJTPA	MONMOUTH	NEPTUNE CITY BORO	130000173	0.56	MONMOUTH COUNTY 17 III	130000174	0.00	East End Avenue	8	0	1	2	3	2	125.85	YES	YES	County	602	68%	52%
284	33	NJTPA	PASSAIC	PATERSON CITY	16000647	1.46	PASSAIC COUNTY 647	16081489	1.42	21st Avenue	21	0	0	1	9	11	125.83	YES	YES	County	0	100%	81%
285	34	NJTPA	PASSAIC	PATERSON CITY	16000650	0.39	PASSAIC COUNTY 650	16081178	0.24	Summer Street	18	0	0	3	6	9	125.68	YES	YES	County	625	100%	83%
285	34	NJTPA	PASSAIC	PATERSON CITY	16071134	0.60	HARRISON ST	16071192	0.23	Hope Avenue	18	0	0	3	6	9	125.68	YES	YES	Municipal	371	100%	97%
287	12	NJTPA	MONMOUTH	MIDDLETOWN TWP	13000008A	2.98	MONMOUTH COUNTY 8 A	13000008B	0.00	Navesink Avenue	14	0	1	1	4	8	125.51	NO	NO	County	1,197	8%	9%
288	107	NJTPA	ESSEX	NEWARK CITY	07141900	2.60	IRVINE TURNER BLVD	07141922	0.94	Orange Street	24	0	0	2	7	15	125.33	YES	YES	Municipal	633	100%	100%
288	34	NJTPA	OCEAN	LAKEWOOD TWP	00000526	32.09	ROUTE 526	15141082	0.05	Monmouth Avenue	24	0	0	2	7	15	125.33	YES	YES	County	680	49%	78%
288	36	NJTPA	PASSAIC	PATERSON CITY	16000649	0.80	PASSAIC COUNTY 649	16081491	0.76	20th Avenue	24	0	0	2	7	15	125.33	YES	YES	County	509	100%	81%
291	15	NJTPA	HUDSON	JERSEY CITY	09061715	0.26	JERSEY AVE	09061464	0.00	Wayne Street	30	0	1	0	4	25	125.31	YES	YES	Municipal	279	99%	71%
292	14	NJTPA	SOMERSET	FRANKLIN TWP	00000527	51.21	ROUTE 527	18000619	3.05	Cedar Grove Lane	24	0	0	5	2	17	124.68	YES	YES	County	754	70%	29%
293	35	NJTPA	OCEAN	JACKSON TWP	00000527	10.30	ROUTE 527	00000547	4.43	South Hope Chapel Road	13	0	1	1	4	7	124.51	NO	NO	County	1,061	21%	20%
293	108	NJTPA	ESSEX	NEWARK CITY	00000508	11.13	ROUTE 508	07141916	1.22	Washington Street	13	0	1	1	4	7	124.51	YES	YES	Municipal	718	100%	100%
295	22	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	00000522	1.35	ROUTE 522	12211776	0.60	Morthumberland Way	10	0	1	3	1	5	124.36	YES	NO	County	1,347	75%	13%
296	16	NJTPA	HUDSON	JERSEY CITY	00000501	31.60	ROUTE 501	09061572	0.49	Manhattan Avenue	39	0	0	1	7	31	124.13	YES	YES	County	68	90%	46%
297	109	NJTPA	ESSEX	NEWARK CITY	07141885	2.14	18TH AVE	07141895	2.02	Bergen Street	16	0	1	2	2	11	124.01	YES	YES	Municipal	202	100%	97%
298	23	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	00000027	16.32	NJ 27	00000171	3.10	N/A	9	0	1	0	6	2	124.00	YES	YES	Municipal	315	96%	88%
299	38	NJTPA	BERGEN	FRANKLIN LAKES BORO	02000084	2.48	BERGEN COUNTY 84	02000589	1.28	Summit Avenue	12	0	2	0	0	10	123.83	NO	NO	County	1,157	31%	5%
300	37	NJTPA	PASSAIC	PASSAIC CITY	16000601	3.00	PASSAIC COUNTY 601	16071214	0.00	Monroe Street	23	0	0	5	2	16	123.68	YES	YES	County	371	100%	97%
301	39	NJTPA	BERGEN	EMERSON BORO	00000502	18.49	ROUTE 502	02141126	1.40	Main Street	13	0	0	5	3	5	123.53	YES	YES	County	690	47%	10%
302	110	NJTPA	ESSEX	NEWARK CITY	07141867	0.46	RAYMOND BLVD	07141914	0.19	Park Place	12	0	1	1	4	6	123.51	YES	YES	Municipal	718	100%	69%
303	13	NJTPA	MONMOUTH	ASBURY PARK CITY	13031009	0.00	MEMORIAL DR	13000016	6.15	Asbury Avenue	22	0	0	2	7	13	123.33	YES	YES	Municipal	471	99%	72%
304	111	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.10	ESSEX COUNTY 603	07000665	2.22	Clinton Avenue	15	1	0	2	2	10	123.01	YES	YES	County	331	100%	98%
305	17	NJTPA	HUDSON	JERSEY CITY	09061700	0.78	SUMMIT AVE	09061135	0.14	Irving Street	18	0	0	1	9	8	122.83	YES	YES	Municipal	68	96%	82%
306	40	NJTPA	BERGEN	HACKENSACK CITY	02000057	0.98	BERGEN COUNTY 57	020000561	4.20	Essex Street	11	0	1	1	4	5	122.51	YES	YES	County	177	94%	80%
307	10	NJTPA	UNION	NEW PROVIDENCE BORO	20000622	3.60	UNION COUNTY 622	20000647	0.67	South Street	21	0	0	2	7	12	122.33	NO	NO	County	1,182	22%	11%
307	112	NJTPA	ESSEX	NEWARK CITY	07000658	2.94	ESSEX COUNTY 658	07141921	0.84	Roseville Avenue	21	0	0	2	7	12	122.33	YES	YES	County	417	100%	80%
309	18	NJTPA	HUDSON	GUTTENBERG TOWN	00000505	2.57	ROUTE 505	09031008	0.23	Ferry Road	20	0	1	1	3	15	121.66	YES	YES	County	183	98%	64%
310	113	NJTPA	ESSEX	NEWARK CITY	07091882	0.13	AVON AVE	07141163	0.36	South 19th Street	10	0	1	1	4	4	121.51	YES	YES	Municipal	331	100%	98%
311	36	NJTPA	OCEAN	TOMS RIVER TWP	15000623	4.37	OCEAN COUNTY 623	15072720	0.00	Hickory Street	7	0	1	3	1	2	121.36	NO	NO	County	1,394	33%	15%
311	14	NJTPA	MONMOUTH	RED BANK BORO	00000520	16.21	ROUTE 520	13000013	1.92	Shrewsbury Avenue	7	1	0	3	1	2	121.36	YES	YES	County	812	94%	73%
313	114	NJTPA	ESSEX	NEWARK CITY	00000508																		

New Jersey Network Screening Lists, 2023

NJTPA - Intersection List (2018-2020 Crashes)

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

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

Source Table	Query Logic	Source Table Field	Readable Field	Query Values	Description
Safety Voyager Accidents Table	AND	year	Year	BETWEEN 2018 AND 2020	Years 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

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	O	\$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%

Rank (ePDO)	County Rank (ePDO)	MPO	County	Municipality	Major Route			Minor Route			Crashes by Severity (2017-2020)						Weighted Score (ePDO)	Is EJ Area?	Is Census Block Group Pop. < 1,000?	NJDOT SLD - Roadway Jurisdiction of Major Route	EJScreen - Census Block Group Population (Lowest Value)	EJScreen - Minority % (Highest Value)	EJScreen - Low-Income % (Highest Value)
					SRI	Milepost	Route Name	SRI	Milepost	Route Name	Total Crashes	K	A	B	C	O							
356	46	NJTPA	BERGEN	HACKENSACK CITY	020000561	4.29	BERGEN COUNTY 56 I	02231084	0.41	South Prospect Street	20	0	1	0	4	15	115.31	YES	YES	County	177	95%	80%
358	26	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	00000535	20.89	ROUTE 535	12211086	0.00	Davidsons Mill Road	10	1	0	0	5	4	115.16	YES	NO	County	1,998	57%	19%
359	40	NJTPA	OCEAN	LAKEWOOD TWP	00000528	33.52	ROUTE 528	00000444	90.18	Garden State Parkway	7	0	1	2	2	2	115.01	YES	NO	County	1,341	59%	47%
359	44	NJTPA	PASSAIC	PASSAIC CITY	16071212	0.28	MYRTLE AVE	16071132	0.31	Sherman Avenue	7	0	1	2	2	2	115.01	YES	YES	Municipal	371	100%	97%
359	44	NJTPA	PASSAIC	WEST MILFORD TWP	16151062	0.42	WARWICK TPKE	16151063	0.33	White Road	7	0	1	2	2	2	115.01	NO	YES	Municipal	852	16%	16%
362	18	NJTPA	MONMOUTH	NEPTUNE TWP	130000172	0.94	MONMOUTH COUNTY 17 II	13344147	0.72	Green Grove Road	17	0	0	3	5	9	114.83	YES	NO	County	1,161	77%	18%
362	41	NJTPA	OCEAN	TOMS RIVER TWP	00000549	5.73	ROUTE 549	15000620	3.96	Kettle Creek Road	17	0	0	3	5	9	114.83	YES	YES	County	674	19%	40%
362	46	NJTPA	PASSAIC	WAYNE TWP	00000502	0.35	ROUTE 502	16141704	0.44	Alps Road	17	0	0	3	5	9	114.83	YES	YES	County	904	45%	30%
365	47	NJTPA	BERGEN	HACKENSACK CITY	02231088	0.10	CLINTON PL	02231260	0.24	Linden Street	13	0	1	1	3	8	114.66	YES	YES	Municipal	327	94%	53%
366	19	NJTPA	MONMOUTH	FREEHOLD TWP	00000537	53.93	ROUTE 537	13000055	2.22	Kozloski Road	10	0	1	3	0	6	114.51	NO	YES	County	545	35%	8%
367	129	NJTPA	ESSEX	NEWARK CITY	00000506S	3.70	ROUTE 506 SPUR	07141542	2.00	Summer Avenue	19	0	1	0	4	14	114.31	YES	YES	County	633	100%	81%
368	130	NJTPA	ESSEX	EAST ORANGE CITY	07000658	1.68	ESSEX COUNTY 658	07051823	1.84	North Clinton Street	10	0	0	4	4	2	114.18	YES	YES	County	325	100%	72%
369	131	NJTPA	ESSEX	MONTCLAIR TWP	07000669	1.02	ESSEX COUNTY 669	07131234	0.25	Irving Street	19	0	0	1	8	10	113.98	YES	YES	County	411	98%	55%
370	23	NJTPA	HUDSON	JERSEY CITY	09061545	0.65	OCEAN AVE	09061071	0.74	Cator Avenue	16	0	0	3	5	8	113.83	YES	YES	Municipal	585	100%	67%
371	24	NJTPA	HUDSON	JERSEY CITY	00000501	29.29	ROUTE 501	09061101	0.64	Oxford Avenue	25	0	0	0	9	16	113.63	YES	YES	County	410	99%	66%
372	16	NJTPA	SOMERSET	FRANKLIN TWP	18000617	1.40	SOMERSET COUNTY 617	18081007	0.00	Highland Avenue	9	0	1	3	0	5	113.51	YES	YES	County	822	95%	38%
373	132	NJTPA	ESSEX	IRVINGTON TWP	07000619	0.89	ESSEX COUNTY 619	07091132	0.11	Prospect Avenue	15	0	0	3	5	7	112.83	YES	YES	County	526	100%	80%
374	133	NJTPA	ESSEX	ORANGE CITY	00000508	6.87	ROUTE 508	07171122	0.71	Jefferson Street	11	0	1	1	3	6	112.66	YES	YES	County	411	100%	78%
375	47	NJTPA	PASSAIC	PATERSON CITY	16000630	0.19	PASSAIC COUNTY 630	16021075	0.80	Trenton Avenue	17	0	1	0	4	12	112.31	YES	YES	County	578	95%	57%
376	48	NJTPA	PASSAIC	WAYNE TWP	00000504	11.65	ROUTE 504	16000673	2.44	Paterson-Hamburg Turnpike	27	0	0	1	7	19	112.13	YES	YES	County	966	57%	40%
377	27	NJTPA	MIDDLESEX	PLAINSBORO TWP	12000614	1.80	MIDDLESEX COUNTY 614	12000683	0.26	Schaliks Crossing Road	24	0	0	3	4	17	111.98	YES	NO	County	1,243	83%	7%
377	42	NJTPA	OCEAN	LAKEWOOD TWP	00000526	34.32	ROUTE 526	15000623	10.02	Ridge Avenue	24	0	0	3	4	17	111.98	YES	NO	County	1,574	59%	67%
379	134	NJTPA	ESSEX	IRVINGTON TWP	07091880	0.36	NYE AVE	07091822	1.64	Union Avenue	17	0	0	1	8	8	111.98	YES	YES	Municipal	553	100%	75%
380	49	NJTPA	PASSAIC	PASSAIC CITY	16000607	0.83	PASSAIC COUNTY 607	16071212	1.18	Gregory Avenue	20	0	1	1	2	16	111.81	YES	YES	County	543	100%	97%
381	17	NJTPA	SOMERSET	NORTH PLAINFIELD BORO	00000531	9.13	ROUTE 531	18141081	0.13	Manning Avenue	10	0	1	1	3	5	111.66	YES	NO	County	1,122	100%	74%
381	50	NJTPA	PASSAIC	CLIFTON CITY	16000625	1.49	PASSAIC COUNTY 625	16021050	0.33	Hamilton Avenue	10	0	1	1	3	5	111.66	YES	YES	County	603	96%	57%
383	18	NJTPA	SOMERSET	NORTH PLAINFIELD BORO	18000636	1.55	SOMERSET COUNTY 636	18141038	0.29	Harrison Avenue	7	0	1	3	0	3	111.51	YES	NO	County	1,209	82%	47%
383	48	NJTPA	BERGEN	WOOD-RIDGE BORO	02000055	1.81	BERGEN COUNTY 55	02691031	0.13	Ryerson Avenue	7	0	1	3	0	3	111.51	YES	YES	County	720	75%	58%
385	135	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.39	ESSEX COUNTY 603	07091053	0.00	Bruen Avenue	16	0	1	0	4	11	111.31	YES	YES	County	331	100%	98%
386	136	NJTPA	ESSEX	NEWARK CITY	07141885	1.58	18TH AVE	07141201	0.52	South 13th Street	9	0	1	1	3	4	110.66	YES	YES	Municipal	331	100%	98%
387	137	NJTPA	ESSEX	EAST ORANGE CITY	07191831	2.56	CENTRE ST	07081023	1.65	East Park Street	22	0	0	0	9	13	110.63	YES	YES	Municipal	529	100%	88%
388	43	NJTPA	OCEAN	JACKSON TWP	15000636	1.92	OCEAN COUNTY 636	15110008	2.02	Frank Applegate Road	16	0	0	4	3	9	110.33	NO	NO	County	2,175	23%	17%
389	49	NJTPA	BERGEN	FAIR LAWN BORO	02000078	1.42	BERGEN COUNTY 78	02171401	0.57	Plaza Road	15	0	1	0	4	10	110.31	YES	YES	County	705	49%	30%
389	138	NJTPA	ESSEX	NEWARK CITY	07141865	1.33	BROAD ST	00000510	29.27	Market Street	15	0	1	0	4	10	110.31	YES	YES	Municipal	718	100%	100%
391	51	NJTPA	PASSAIC	CLIFTON CITY	16000611	1.33	PASSAIC COUNTY 611	16021137	0.29	1st Street	15	0	0	1	8	6	109.98	YES	YES	County	603	98%	58%
392	6	NJTPA	MORRIS	MORRIS TWP	00000510	13.51	ROUTE 510	14221332	0.45	Normandy Parkway	12	0	0	3	5	4	109.83	YES	NO	County	1,181	68%	19%
392	52	NJTPA	PASSAIC	PATERSON CITY	16000630	0.12	PASSAIC COUNTY 630	16021198	0.00	Sixth Avenue	12	0	0	3	5	4	109.83	YES	YES	County	418	86%	79%
394	139	NJTPA	ESSEX	EAST ORANGE CITY	00000508	9.35	ROUTE 508	07141872	3.25	Steuben Street	31	0	0	0	8	23	109.78	YES	YES	County	48	100%	81%
395	140	NJTPA	ESSEX	IRVINGTON TWP	07000665	1.43	ESSEX COUNTY 665	07141773	0.93	Elery Place	8	0	1	1	3	3	109.66	YES	YES	County	200	100%	80%
395	53	NJTPA	PASSAIC	PATERSON CITY	16000601	6.39	PASSAIC COUNTY 601	16081483	0.13	Hospital Plaza	8	1	0	1	3	3	109.66	YES	YES	County	0	99%	81%
397	141	NJTPA	ESSEX	IRVINGTON TWP	07000602	0.40	ESSEX COUNTY 602	07091822	1.37	Union Avenue	28	0	0	2	5	21	109.63	YES	YES	County	553	100%	75%
398	25	NJTPA	HUDSON	JERSEY CITY	00000501	29.31	ROUTE 501	09061096	0.36	Clinton Avenue	21	0	0	0	9	12	109.63	YES	YES	County	410	99%	66%
399	54	NJTPA	PASSAIC	PATERSON CITY	16000649	1.66	PASSAIC COUNTY 649	16081118	0.68	12th Avenue	18	0	0	2	6	10	109.48	YES	YES	County	707	100%	83%
399	50	NJTPA	BERGEN	HACKENSACK CITY	00000503	4.91	ROUTE 503	020000C4	0.11	East Kansas Street	18	0	0	2	6	10	109.48	YES	YES	County	660	95%	86%
399	142	NJTPA	ESSEX	ORANGE CITY	07000658	0.53	ESSEX COUNTY 658	07171068	0.44	Cleveland Street	18	0	0	2	6	10	109.48	YES	YES	County	529	100%	88%