

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	-

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

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

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 (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
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%
156	2	NJTPA	MORRIS	RANDOLPH TWP	14000617	8.79	MORRIS COUNTY 617	14321255	0.00	Park Avenue	14	0	2	1	1	10	151.88	NO	NO	County	2,365	29%	8%
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%
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%
261	5	NJTPA	MORRIS	DOVER TOWN	00000513	41.45	ROUTE 513	14091052	0.00	South Bergen Street	17	0	1	1	4	11	128.51	YES	YES	County	722	89%	56%
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%
596	7	NJTPA	MORRIS	MOUNT OLIVE TWP	14381034	5.39	NAUGHRIGHT RD	14381100	1.11	Drakestown Road	8	0	1	0	3	4	93.46	YES	NO	Municipal	2,591	53%	36%
634	8	NJTPA	MORRIS	WASHINGTON TWP	14000625	1.20	MORRIS COUNTY 625	14381033	1.00	Coleman Road	9	0	1	1	1	6	90.96	YES	NO	County	1,592	20%	27%
642	9	NJTPA	MORRIS	FLORHAM PARK BORO	00000510	15.71	ROUTE 510	14111052	0.85	Elm Street	5	0	1	0	3	1	90.46	YES	NO	County	1,752	34%	30%
642	9	NJTPA	MORRIS	PEQUANNOCK TWP	00000511A	4.38	ROUTE 511 ALTERNATE	14311124	0.47	West Franklin Avenue	5	0	1	0	3	1	90.46	NO	YES	County	573	28%	14%
647	11	NJTPA	MORRIS	MORRISTOWN TOWN	00000510	12.25	ROUTE 510	14121333	3.20	Ridgegate Avenue	25	0	0	1	5	19	90.44	YES	NO	County	1,085	94%	45%
689	12	NJTPA	MORRIS	MONTVILLE TWP	00000202	56.69	US 202	00000287	47.11	Marine Hector Cafferata, Jr Cong Medal Of Honor Highway	16	0	0	2	4	10	87.79	NO	NO	County	1,092	39%	15%
705	13	NJTPA	MORRIS	MOUNT ARLINGTON BORO	14000615	3.11	MORRIS COUNTY 615	14261008	0.00	Kadel Drive	5	0	1	1	1	2	86.96	YES	YES	County	823	41%	43%
705	13	NJTPA	MORRIS	PARSIPPANY-TROY HILLS TWP	00000511	5.02	ROUTE 511	14291573	0.95	East Halsey Road	5	0	1	1	1	2	86.96	YES	NO	County	1,287	82%	22%
787	15	NJTPA	MORRIS	PARSIPPANY-TROY HILLS TWP	14000650	3.26	MORRIS COUNTY 650	14291577	2.40	Ketch Road	11	0	0	2	4	5	82.79	YES	NO	County	2,152	50%	21%
800	16	NJTPA	MORRIS	MORRISTOWN TOWN	14121333	2.93	RIDGEDALE AVE	14241161	0.00	Abbett Avenue	14	0	0	3	2	9	82.29	YES	NO	Municipal	1,499	94%	45%
824	17	NJTPA	MORRIS	RANDOLPH TWP	00000513	36.06	ROUTE 513	14071037	2.71	Calais Avenue	16	0	0	1	5	10	81.44	NO	NO	County	2,892	25%	8%
835	18	NJTPA	MORRIS	RANDOLPH TWP	14321018	0.00	FRANKLIN RD	14321201	0.00	Bennett Avenue	9	0	0	2	4	3	80.79	YES	NO	Municipal	1,505	89%	37%
846	19	NJTPA	MORRIS	WHARTON BORO	14000642	5.00	MORRIS COUNTY 642	14391069	0.00	East Union Avenue	25	0	0	1	4	20	80.59	YES	NO	County	1,070	82%	41%
893	20	NJTPA	MORRIS	DOVER TOWN	00000513	41.65	ROUTE 513	14091105	0.24	Mercer Street	10	0	0	3	2	5	78.29	YES	NO	County	1,070	89%	56%
952	21	NJTPA	MORRIS	LINCOLN PARK BORO	00000202	60.35	US 202	14000633	0.00	Main Street	17	0	0	0	6	11	76.09	NO	YES	County	888	28%	12%
957	22	NJTPA	MORRIS	ROCKAWAY TWP	14000661	1.50	MORRIS COUNTY 661	14351158	0.00	Mineral Springs Drive	14	0	0	2	3	9	75.94	YES	YES	County	981	49%	29%
981	23	NJTPA	MORRIS	ROCKAWAY BORO	00000513	44.58	ROUTE 513	14000664	0.00	Academy Street	9	0	1	0	1	7	74.76	NO	YES	County	706	43%	20%
993	24	NJTPA	MORRIS	RANDOLPH TWP	14000669	0.24	MORRIS COUNTY 669	14321082	0.24	Morris Turnpike	6	0	0	3	2	1	74.29	NO	NO	Municipal	2,365	29%	8%
1015	25	NJTPA	MORRIS	DOVER TOWN	00000513	41.24	ROUTE 513	14091021	0.05	South Warren Street	7	0	1	0	1	5	72.76	YES	YES	County	722	89%	56%
1015	25	NJTPA	MORRIS	BOONTON TOWN	00000202	54.24	US 202	00000511	9.39	Main Street	7	0	1	0	1	5	72.76	YES	YES	County	592	56%	54%
1047	27	NJTPA	MORRIS	MORRIS TWP	14121333	0.00	RIDGEDALE AVE	14000671	0.00	John Street	6	0	1	0	1	4	71.76	YES	NO	Municipal	1,499	94%	45%
1116	28	NJTPA	MORRIS	RANDOLPH TWP	14321255	1.64	PARK AVE	14071037	1.94	Pleasant Hill Road	8	0	0	2	3	3	69.94	NO	NO	Municipal	2,892	25%	8%
1165	29	NJTPA	MORRIS	MORRISTOWN TOWN	14241160	0.13	SPRING ST	14241329	0.00	Martin Luther King Avenue	6	0	0	2	3	1	67.94	YES	YES	Municipal	734	94%	57%
1165	29	NJTPA	MORRIS	LINCOLN PARK BORO	00000202	62.28	US 202	14161047	0.00	Pinebrook Road	6	0	0	2	3	1	67.94	YES	YES	County	438	39%	26%
1183	31	NJTPA	MORRIS	ROCKAWAY TWP	14000661	1.24	MORRIS COUNTY 661	14351257	1.15	Mt Pleasant Avenue	18	0	0	0	5	13	67.24	YES	YES	County	981	82%	41%
1237	32	NJTPA	MORRIS	WHARTON BORO	14000634	2.11	MORRIS COUNTY 634	00000015	2.52	N/A	36	0	0	0	3	33	65.54	YES	NO	County	1,228	71%	33%
1261	33	NJTPA	MORRIS	ROXBURY TWP	14000602	0.00	MORRIS COUNTY 602	14000631	1.74	Center Street	9	0	0	1	4	4	64.59	YES	YES	County	674	49%	52%
1261	33	NJTPA	MORRIS	DOVER TOWN	00000513	41.89	ROUTE 513	14000665	1.10	South Salem Street	9	0	0	1	4	4	64.59	YES	YES	County	981	89%	56%
1327	35	NJTPA	MORRIS	PEQUANNOCK TWP	00000511A	6.40	ROUTE 511 ALTERNATE	14311185	0.30	Mountain Avenue	7	0	0	1	4	2	62.59	NO	YES	County	824	27%	19%
1369	36	NJTPA	MORRIS	MORRIS PLAINS BORO	00000202	48.23	US 202	00000010	11.44	American Legion Memorial Highway	16	0	0	1	3	12	61.74	YES	YES	County	712	56%	8%
1391	37	NJTPA	MORRIS	FLORHAM PARK BORO	00000510	17.23	ROUTE 510	14111067	0.27	Crescent Road	9	0	0	2	2	5	61.09	YES	NO	County	1,595	23%	30%
1439	38	NJTPA	MORRIS	MENDHAM TWP	00000510	3.48	ROUTE 510	14191045	3.52	Mendham Road	8	0	0	2	2	4	60.09	NO	NO	County	1,607	12%	4%
1439	38	NJTPA	MORRIS	LINCOLN PARK BORO	14161175	0.00	CHAPLE HILL RD	14161019	0.00	West Pinebrook Road	8	0	0	2	2	4	60.09	NO	NO	Municipal	1,695	28%	12%
1469	40	NJTPA	MORRIS	LINCOLN PARK BORO	14000633	0.00	MORRIS COUNTY 633	00000202	60.35	Main Street	7	0	0	2	2	3	59.09	NO	YES	County	888	28%	12%
1542	41	NJTPA	MORRIS	DOVER TOWN	14000643	1.14	MORRIS COUNTY 643	00000513	41.35	East Blackwell Street	5	0	0	2	2	1	57.09	YES	YES	County	722	89%	56%
1542	41	NJTPA	MORRIS	PEQUANNOCK TWP	00000504	3.53	ROUTE 504	14311081	0.00	West Parkway	5	0	0	2	2	1	57.09	NO	YES	County	573	28%	12%
1609	43	NJTPA	MORRIS	MORRIS PLAINS BORO	14000650	4.34	MORRIS COUNTY 650	14221338	0.00	Lake Valley Road	9	0	0	1	3	5	54.74	YES	YES	County	494	50%	24%
1647	44	NJTPA	MORRIS	MOUNT ARLINGTON BORO	14000615	1.57	MORRIS COUNTY 615	00000080	30.61	Christopher Columbus Highway	5	0	0	0	5	0	54.24	YES	NO	County	1,453	41%	43%
1650	45	NJTPA	MORRIS	ROXBURY TWP	14361293	1.28	EYLAND AVE	14061036	5.13	Unneberg Avenue	8	0	0	1	3	4	53.74	NO	NO	Municipal	1,909	21%	5%
1736	46	NJTPA	MORRIS	HAN																			

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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
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Possible Injury	C	\$157,482	10.8476	1.0000
Property Damage Only	O	\$14,518	1.0000	-

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

$$eC_{TOTAL} = [K]^*eC_A + [A]^*eC_B + [B]^*eC_C + [C]^*eC_D + [O]^*eC_E$$

EJ Area Thresholds		
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					SRI	Milepost	Route Name	SRI	Milepost	Route Name	Total Crashes	K	A	B	C								O
3068	88	NJTPA	MORRIS	MONTVILLE TWP	14211167	0.00	BLOOMFIELD AVE	14211222	1.58	Hook Mountain Road	8	0	0	1	1	6	34.04	YES	NO	Municipal	1,011	75%	25%
3131	91	NJTPA	MORRIS	ROXBURY TWP	14361293	0.00	EYLAND AVE	14000619	1.03	Hillside Avenue	7	0	0	1	1	5	33.04	NO	NO	Municipal	1,798	26%	18%
3131	91	NJTPA	MORRIS	MONTVILLE TWP	14000621	2.21	MORRIS COUNTY 621	14211132	0.38	Cambray Drive	7	0	0	1	1	5	33.04	NO	YES	County	981	31%	18%
3131	91	NJTPA	MORRIS	DOVER TOWN	00000513	41.03	ROUTE 513	14091147	0.00	Chestnut Street	7	0	0	1	1	5	33.04	YES	YES	County	722	89%	56%
3131	91	NJTPA	MORRIS	DOVER TOWN	14000643	0.70	MORRIS COUNTY 643	14091003	0.52	Boonton Avenue	7	0	0	1	1	5	33.04	YES	NO	County	1,070	89%	56%
3247	95	NJTPA	MORRIS	PEQUANNOCK TWP	00000511A	5.39	ROUTE 511 ALTERNATE	14311067	0.30	Sunset Road	6	0	0	1	1	4	32.04	YES	YES	County	804	28%	36%
3247	95	NJTPA	MORRIS	MENDHAM TWP	14000646	1.71	MORRIS COUNTY 646	14191062	1.39	Corey Lane	6	0	0	1	1	4	32.04	NO	NO	County	1,880	16%	8%
3247	95	NJTPA	MORRIS	BOONTON TOWN	14011003	0.40	ROCKAWAY ST	N/A	N/A	6	0	0	1	1	4	32.04	YES	YES	Municipal	592	56%	54%	
3247	95	NJTPA	MORRIS	PARSIPPANY-TROY HILLS TWP	14000630	0.51	MORRIS COUNTY 630	14291570	0.00	Smith Road	6	0	0	1	1	4	32.04	YES	YES	County	880	82%	22%
3365	99	NJTPA	MORRIS	DENVILLE TWP	14081001	0.00	PALMER RD	14341260	1.56	Franklin Avenue	5	0	0	1	1	3	31.04	YES	NO	Municipal	1,668	49%	18%
3365	99	NJTPA	MORRIS	PEQUANNOCK TWP	14000660	0.00	MORRIS COUNTY 660	00000504	4.23	Jacksonville Road	5	0	0	1	1	3	31.04	YES	YES	County	573	28%	36%
3365	99	NJTPA	MORRIS	MORRIS TWP	00000511	1.32	ROUTE 511	14000623	3.62	Park Avenue	5	0	0	1	1	3	31.04	YES	NO	County	1,466	68%	19%
3365	99	NJTPA	MORRIS	JEFFERSON TWP	14141118	0.21	WELDON RD	14141362	0.00	Mallard Drive	5	0	0	1	1	3	31.04	NO	YES	Municipal	986	28%	17%
3365	99	NJTPA	MORRIS	WASHINGTON TWP	00000517	13.39	ROUTE 517	14381097	0.64	Newburgh Road	5	0	0	1	1	3	31.04	NO	NO	County	1,692	16%	9%
3365	99	NJTPA	MORRIS	DOVER TOWN	14091053	0.15	RICHARDS AVE	14091104	0.10	Union Street	5	0	0	1	1	3	31.04	YES	YES	Municipal	981	89%	56%
3533	105	NJTPA	MORRIS	RIVERDALE BORO	14000694	0.12	MORRIS COUNTY 694	00000287	53.83	Marine Hector Cafferata, Jr Cong Medal Of Honor Highway	10	0	0	0	2	8	29.70	YES	NO	County	1,421	64%	31%
3580	106	NJTPA	MORRIS	MORRISTOWN TOWN	14241161	0.44	ABBETT AVE	14241329	0.33	Martin Luther King Avenue	9	0	0	0	2	7	28.70	YES	NO	Municipal	1,499	94%	57%
3645	107	NJTPA	MORRIS	MONTVILLE TWP	14211220	0.58	RIVER RD	14291575	2.22	Knoll Road	8	0	0	0	2	6	27.70	YES	YES	Municipal	637	69%	16%
3645	107	NJTPA	MORRIS	ROCKAWAY TWP	14351257	0.00	MT PLEASANT AVE	00000015	1.61	NJ 15	8	0	0	0	2	6	27.70	YES	NO	Municipal	1,070	82%	41%
3645	107	NJTPA	MORRIS	ROCKAWAY TWP	00000513	43.16	ROUTE 513	14351176	0.00	Sweede Mine Road	8	0	0	0	2	6	27.70	YES	NO	County	1,483	89%	39%
3645	107	NJTPA	MORRIS	MORRISTOWN TOWN	00000510Z	0.90	ROUTE 510 Z	14121333	3.11	Ridgedale Avenue	8	0	0	0	2	6	27.70	YES	NO	County	1,085	94%	45%
3645	107	NJTPA	MORRIS	EAST HANOVER TWP	14000610	0.32	MORRIS COUNTY 610	14101174	0.00	River Road	8	0	0	0	2	6	27.70	YES	NO	County	1,313	42%	30%
3710	112	NJTPA	MORRIS	ROXBURY TWP	14361293	2.94	EYLAND AVE	14361202	0.43	Mekel Drive	11	0	0	1	0	10	27.20	NO	YES	Municipal	707	29%	15%
3719	113	NJTPA	MORRIS	CHESTER BORO	00000513	30.32	ROUTE 513	00000206	87.14	Disabled American Veterans Highway	17	0	0	0	1	16	26.85	NO	NO	County	1,653	19%	17%
3723	114	NJTPA	MORRIS	MORRISTOWN TOWN	14241329	0.33	MARTIN LUTHER KING AVE	14241161	0.44	Abbett Avenue	7	0	0	0	2	5	26.70	YES	NO	Municipal	1,499	94%	57%
3723	114	NJTPA	MORRIS	PARSIPPANY-TROY HILLS TWP	00000202	48.78	US 202	14291507	0.00	Sylvan Way	7	0	0	0	2	5	26.70	YES	YES	County	712	56%	13%
3845	116	NJTPA	MORRIS	HANOVER TWP	14121189	0.33	ALGONQUIN PKWY	14121055	0.00	Melanie Court	6	0	0	0	2	4	25.70	NO	YES	Municipal	746	42%	14%
3845	116	NJTPA	MORRIS	PARSIPPANY-TROY HILLS TWP	14291403	1.30	LAKE SHORE DR	14291434	0.44	Roosevelt Avenue	6	0	0	0	2	4	25.70	YES	YES	Municipal	637	69%	27%
3845	116	NJTPA	MORRIS	MORRISTOWN TOWN	00000510	11.80	ROUTE 510	00000202	44.60	East Speedwell Avenue	6	0	0	0	2	4	25.70	YES	YES	County	734	94%	57%
4007	119	NJTPA	MORRIS	JEFFERSON TWP	14000615	5.29	MORRIS COUNTY 615	14141262	1.54	Minisink Road	5	0	0	0	2	3	24.70	NO	NO	County	1,226	28%	11%
4007	119	NJTPA	MORRIS	RANDOLPH TWP	00000513	37.24	ROUTE 513	14000617	7.61	Sussex Turnpike	5	0	0	0	2	3	24.70	NO	NO	County	2,365	29%	8%
4007	119	NJTPA	MORRIS	LINCOLN PARK BORO	14161175	1.31	CHAPEL HILL RD	14161047	0.90	Pinebrook Road	5	0	0	0	2	3	24.70	NO	YES	Municipal	752	28%	12%
4007	119	NJTPA	MORRIS	FLORHAM PARK BORO	14000608	2.60	MORRIS COUNTY 608	00000510	16.62	Columbia Turnpike	5	0	0	0	2	3	24.70	YES	NO	County	1,595	34%	30%
4007	119	NJTPA	MORRIS	DOVER TOWN	14091053	0.20	RICHARDS AVE	14091015	0.00	Richards Avenue	5	0	0	0	2	3	24.70	YES	YES	Municipal	981	89%	56%
4212	124	NJTPA	MORRIS	CHATHAM TWP	14000647	0.08	MORRIS COUNTY 647	14301136	4.56	River Road	8	0	0	1	0	7	24.20	NO	NO	County	1,094	39%	6%
4249	125	NJTPA	MORRIS	MONTVILLE TWP	14211220	0.00	RIVER RD	14211221	0.49	River Road	7	0	0	1	0	6	23.20	NO	YES	Municipal	880	39%	15%
4293	126	NJTPA	MORRIS	HANOVER TWP	14000650	6.09	MORRIS COUNTY 650	14241329	0.99	Horse Hill Road	13	0	0	0	1	12	22.85	YES	YES	County	963	94%	45%
4300	127	NJTPA	MORRIS	HANOVER TWP	14121333	1.28	RIDGEDALE AVE	14121077	0.00	Mcnab Avenue	6	0	0	1	0	5	22.20	NO	YES	Municipal	844	37%	15%
4300	127	NJTPA	MORRIS	EAST HANOVER TWP	14000609	1.55	MORRIS COUNTY 609	14000610	0.55	Mt Pleasant Avenue	6	0	0	1	0	5	22.20	NO	NO	County	1,313	42%	21%
4300	127	NJTPA	MORRIS	MONTVILLE TWP	14211038	0.00	FIREHOUSE LA	00000202	58.41	Main Street	6	0	0	1	0	5	22.20	NO	NO	Municipal	1,095	28%	18%
4300	127	NJTPA	MORRIS	BOONTON TOWN	14000624	0.80	MORRIS COUNTY 624	00000511	9.70	Main Street	6	0	0	1	0	5	22.20	YES	YES	County	592	56%	54%
4300	127	NJTPA	MORRIS	DENVILLE TWP	14081004	0.00	FRANKLIN RD	14341260	1.73	Franklin Avenue	6	0	0	1	0	5	22.20	NO	NO	Municipal	2,187	27%	7%
4380	132	NJTPA	MORRIS	JEFFERSON TWP	14000699	8.94	MORRIS COUNTY 699	14141233	0.00	Ridge Road	12	0	0	0	1	11	21.85	YES	NO	County	1,454	20%	27%
4395	133	NJTPA	MORRIS	FLORHAM PARK BORO	14000623	1.86	MORRIS COUNTY 623	N/A	N/A	5	0	0	1	0	4	21.20	NO	NO	County	1,181	34%	18%	
4395	133	NJTPA	MORRIS	WASHINGTON TWP	14000625	2.53	MORRIS COUNTY 625	14381213	0.00	Four Bridges Road	5	0	0	1	0	4	21.20	YES	NO	County	1,592	25%	27%
4395	133	NJTPA	MORRIS	LINCOLN PARK BORO	1416117																		

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

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							
5405	179	NJTPA	MORRIS	ROCKAWAY TWP	14000661	1.38	MORRIS COUNTY 661	N/A	N/A	8	0	0	0	0	8	8.00	YES	County	981	82%	41%
5405	179	NJTPA	MORRIS	WASHINGTON TWP	00000513	25.85	ROUTE 513	00000517	9.37	8	0	0	0	0	8	8.00	YES	County	1,592	20%	27%
5405	179	NJTPA	MORRIS	MOUNT OLIVE TWP	14000619	0.20	MORRIS COUNTY 619	14271177	0.00	8	0	0	0	0	8	8.00	YES	County	1,652	26%	27%
5446	182	NJTPA	MORRIS	WASHINGTON TWP	00000517	12.04	ROUTE 517	14381064	3.55	7	0	0	0	0	7	7.00	NO	County	1,692	16%	9%
5446	182	NJTPA	MORRIS	PARSIPPANY-TROY HILLS TWP	14000637	3.62	MORRIS COUNTY 637	00000046	48.38	7	0	0	0	0	7	7.00	YES	County	804	63%	27%
5446	182	NJTPA	MORRIS	RANDOLPH TWP	00000513	39.53	ROUTE 513	14321001	0.00	7	0	0	0	0	7	7.00	YES	County	908	57%	22%
5446	182	NJTPA	MORRIS	VICTORY GARDENS BORO	14000665	0.39	MORRIS COUNTY 665	14321001	2.46	7	0	0	0	0	7	7.00	YES	County	1,505	89%	37%
5446	182	NJTPA	MORRIS	MONTVILLE TWP	00000202	57.14	US 202	14000621	4.65	7	0	0	0	0	7	7.00	NO	County	1,092	39%	15%
5446	182	NJTPA	MORRIS	PARSIPPANY-TROY HILLS TWP	00000202	51.14	US 202	00000511	6.30	7	0	0	0	0	7	7.00	YES	County	1,102	82%	22%
5537	188	NJTPA	MORRIS	RIVERDALE BORO	14000694	0.00	MORRIS COUNTY 694	00000511A	7.93	6	0	0	0	0	6	6.00	YES	County	1,421	64%	31%
5537	188	NJTPA	MORRIS	ROCKAWAY TWP	00000513	45.77	ROUTE 513	14351255	0.00	6	0	0	0	0	6	6.00	NO	County	775	25%	11%
5537	188	NJTPA	MORRIS	ROCKAWAY TWP	14000664	0.55	MORRIS COUNTY 664	14351102	0.00	6	0	0	0	0	6	6.00	NO	County	706	43%	16%
5537	188	NJTPA	MORRIS	MONTVILLE TWP	00000202	58.46	US 202	14000655	0.37	6	0	0	0	0	6	6.00	NO	County	1,095	28%	18%
5537	188	NJTPA	MORRIS	MORRISTOWN TOWN	00000510	11.19	ROUTE 510	14241131	0.00	6	0	0	0	0	6	6.00	YES	County	734	71%	57%
5537	188	NJTPA	MORRIS	PARSIPPANY-TROY HILLS TWP	14291576	0.75	NEW RD	N/A	N/A	6	0	0	0	0	6	6.00	YES	Municipal	1,140	75%	25%
5537	188	NJTPA	MORRIS	PARSIPPANY-TROY HILLS TWP	14291575	0.07	N BEVERWYCK RD	14291357	0.00	6	0	0	0	0	6	6.00	YES	Municipal	804	63%	27%
5537	188	NJTPA	MORRIS	MORRISTOWN TOWN	14241161	0.00	ABBETT AVE	14121333	2.93	6	0	0	0	0	6	6.00	YES	Municipal	1,499	94%	45%
5537	188	NJTPA	MORRIS	MENDHAM BORO	00000510	5.83	ROUTE 510	14191027	1.70	6	0	0	0	0	6	6.00	NO	County	1,245	16%	8%
5706	197	NJTPA	MORRIS	MONTVILLE TWP	14211222	0.00	HOOK MOUNTAIN RD	14211167	0.00	5	0	0	0	0	5	5.00	YES	Municipal	1,011	75%	25%
5706	197	NJTPA	MORRIS	MOUNT OLIVE TWP	14271002	0.00	RIVER RD	14271004	1.89	5	0	0	0	0	5	5.00	YES	Municipal	2,362	53%	36%
5706	197	NJTPA	MORRIS	MOUNT OLIVE TWP	14000613	2.89	MORRIS COUNTY 613	14000667	2.03	5	0	0	0	0	5	5.00	YES	County	1,411	34%	32%
5706	197	NJTPA	MORRIS	ROCKAWAY BORO	00000513	44.52	ROUTE 513	14000644	0.96	5	0	0	0	0	5	5.00	NO	County	706	43%	20%
5706	197	NJTPA	MORRIS	MENDHAM BORO	00000510	5.54	ROUTE 510	14000646	0.00	5	0	0	0	0	5	5.00	NO	County	1,245	16%	8%
5706	197	NJTPA	MORRIS	MOUNT OLIVE TWP	14000613	0.78	MORRIS COUNTY 613	14071046	1.87	5	0	0	0	0	5	5.00	NO	Municipal	1,798	25%	18%
5706	197	NJTPA	MORRIS	MOUNT OLIVE TWP	14271070	0.00	CONTINENTAL DR	14271065	5.40	5	0	0	0	0	5	5.00	YES	Municipal	567	33%	28%
5706	197	NJTPA	MORRIS	EAST HANOVER TWP	14000610	0.93	MORRIS COUNTY 610	14101148	0.28	5	0	0	0	0	5	5.00	NO	Municipal	1,313	42%	14%
5706	197	NJTPA	MORRIS	MORRISTOWN TOWN	00000510	12.40	ROUTE 510	14241031	0.00	5	0	0	0	0	5	5.00	YES	County	1,085	94%	45%
5706	197	NJTPA	MORRIS	MORRISTOWN TOWN	14000663	6.39	MORRIS COUNTY 663	14241001	0.00	5	0	0	0	0	5	5.00	YES	County	1,085	53%	21%
5706	197	NJTPA	MORRIS	MORRISTOWN TOWN	00000510Z	0.30	ROUTE 510 Z	N/A	N/A	5	0	0	0	0	5	5.00	YES	County	1,181	94%	36%