

# New Jersey Network Screening Lists, 2023

SJTPO - Intersection List (2018-2020 Crashes)

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

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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 ('01', '05', '06', '17')	01 - Atlantic; 05 - Cape May; 06 - Cumberland; 17 - Salem
		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)
Fatal	K	\$14,277,743	56.9173
Incapacitating Injury	A	\$826,309	56.9173
Non-incapacitating Injury	B	\$249,666	17.1973
Possible Injury	C	\$157,482	10.8476
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
2	1	SJTPO	CAPE MAY	MIDDLE TWP	0500657	6.70	CAPE MAY COUNTY 657	0500646	1.67	Goshen-Swainton Road	11	0	2	2	3	4	184.77	NO	YES	County	682	17%	17%
14	2	SJTPO	CAPE MAY	LOWER TWP	0500644	1.98	CAPE MAY COUNTY 644	0500647	0.46	Tabernacle Road	3	0	2	1	0	0	131.03	YES	NO	County	1,186	12%	33%
16	3	SJTPO	CAPE MAY	WILDWOOD CITY	0000047	0.26	WILDWOOD CITY	0500621	5.30	New Jersey Avenue	4	0	2	0	1	1	125.68	YES	YES	Municipal	326	50%	64%
24	4	SJTPO	CAPE MAY	LOWER TWP	05051260	0.30	PETERS RD	05051285	0.37	Pacific Avenue	3	0	2	0	0	1	114.83	YES	YES	Municipal	726	29%	50%
65	5	SJTPO	CAPE MAY	LOWER TWP	0500626	5.22	CAPE MAY COUNTY 626	0500613	2.31	Breakwater Road	2	1	0	1	0	0	74.11	YES	NO	County	1,146	29%	50%
65	5	SJTPO	CAPE MAY	OCEAN CITY	0500656	1.75	CAPE MAY COUNTY 656	05081148	0.39	18th Street	2	0	1	1	0	0	74.11	YES	YES	County	376	10%	26%
65	5	SJTPO	CAPE MAY	UPPER TWP	0500602	0.48	CAPE MAY COUNTY 602	0500667	3.02	Stagecoach Road	2	1	0	1	0	0	74.11	NO	YES	County	568	10%	18%
96	8	SJTPO	CAPE MAY	WILDWOOD CITY	05151053	1.37	PARK BLVD	05141031	0.51	Montgomery Avenue	2	0	1	0	1	0	67.76	YES	YES	Municipal	326	50%	64%
96	8	SJTPO	CAPE MAY	LOWER TWP	0500613	1.61	CAPE MAY COUNTY 613	0500644	2.66	Shunpike Road	2	0	1	0	1	0	67.76	YES	NO	County	1,146	29%	50%
133	10	SJTPO	CAPE MAY	WILDWOOD CITY	0500621	5.50	CAPE MAY COUNTY 621	05141030	0.17	Davis Avenue	2	0	1	0	0	1	57.92	YES	YES	County	326	50%	64%
142	11	SJTPO	CAPE MAY	WEST CAPE MAY BORO	0500626	0.45	WEST CAPE MAY BORO	05121008	0.00	York Avenue	1	1	0	0	0	0	56.92	YES	YES	County	340	18%	48%
142	11	SJTPO	CAPE MAY	WILDWOOD CITY	05141061	0.80	WILDWOOD CITY	05141037	0.12	Lincoln Avenue	1	0	1	0	0	0	56.92	YES	YES	Municipal	597	50%	64%
142	11	SJTPO	CAPE MAY	STONE HARBOR BORO	05011075_N	0.80	STONE HARBOR BORO	05011075	5.62	6TH ST SECONDARY	1	0	1	0	0	0	56.92	NO	YES	N/A	885	1%	11%
142	11	SJTPO	CAPE MAY	OCEAN CITY	05081123	0.34	OCEAN CITY	05081017	0.11	Central Avenue	1	1	0	0	0	0	56.92	YES	YES	Municipal	288	44%	42%
142	11	SJTPO	CAPE MAY	OCEAN CITY	0500656	2.81	CAPE MAY COUNTY 656	05081123	0.63	8th Street	1	1	0	0	0	0	56.92	YES	YES	County	288	44%	42%
142	11	SJTPO	CAPE MAY	WILDWOOD CITY	0500621	6.11	CAPE MAY COUNTY 621	05141042	0.46	Pine Avenue	1	0	1	0	0	0	56.92	YES	YES	County	385	45%	64%
142	11	SJTPO	CAPE MAY	WILDWOOD CREST BORO	05151003	0.24	WILDWOOD CREST BORO	05151024	0.20	Fern Avenue	1	0	1	0	0	0	56.92	YES	YES	Municipal	326	19%	36%
142	11	SJTPO	CAPE MAY	SEA ISLE CITY	0500619	9.65	CAPE MAY COUNTY 619	05091011	0.00	78th Street	1	0	1	0	0	0	56.92	YES	YES	County	0	18%	35%
142	11	SJTPO	CAPE MAY	NORTH WILDWOOD CITY	05071007	0.30	NORTH WILDWOOD CITY	05071036	0.00	JFK BLVD	1	0	1	0	0	0	56.92	YES	YES	Municipal	0	15%	42%
142	11	SJTPO	CAPE MAY	WILDWOOD CITY	05141025	0.50	WILDWOOD CITY	05151053	1.02	LEAMING AV	1	0	1	0	0	0	56.92	YES	YES	Municipal	326	50%	64%
191	21	SJTPO	CAPE MAY	LOWER TWP	0500603	5.13	CAPE MAY COUNTY 603	0500654	0.00	Fulling Mill Road	5	0	0	3	0	2	53.59	YES	YES	County	726	29%	50%
205	22	SJTPO	CAPE MAY	MIDDLE TWP	0500657	3.95	CAPE MAY COUNTY 657	0500673	0.58	Magnolia Drive	14	0	0	1	2	11	49.89	YES	YES	County	979	26%	30%
223	23	SJTPO	CAPE MAY	LOWER TWP	0500613	2.31	CAPE MAY COUNTY 613	0500626	5.19	Seashore Road	4	0	0	2	1	1	46.24	YES	NO	County	1,146	29%	50%
248	24	SJTPO	CAPE MAY	WILDWOOD CITY	0500621	6.01	CAPE MAY COUNTY 621	05141040	0.45	Oak Avenue	6	0	0	1	2	3	41.89	YES	YES	County	385	50%	64%
254	25	SJTPO	CAPE MAY	WILDWOOD CITY	0500621	5.30	CAPE MAY COUNTY 621	0000047	0.26	Rio Grand Avenue	5	0	0	1	2	2	40.89	YES	YES	County	326	50%	64%
272	26	SJTPO	CAPE MAY	UPPER TWP	0500667	4.14	CAPE MAY COUNTY 667	05111286	0.10	N/A	3	0	0	1	2	0	38.89	NO	YES	County	568	10%	18%
299	27	SJTPO	CAPE MAY	MIDDLE TWP	0500601	0.53	CAPE MAY COUNTY 601	0000444	13.61	Garden State Parkway	2	0	0	2	0	0	34.39	NO	NO	County	2,143	17%	17%
320	28	SJTPO	CAPE MAY	LOWER TWP	0500626	3.14	CAPE MAY COUNTY 626	N/A	N/A	6	0	0	1	1	4	32.04	YES	YES	County	791	12%	33%	
339	29	SJTPO	CAPE MAY	MIDDLE TWP	0500657	3.44	CAPE MAY COUNTY 657	05061224	1.50	Bayberry Drive	4	0	0	1	1	2	30.04	YES	YES	County	979	26%	30%
339	29	SJTPO	CAPE MAY	NORTH WILDWOOD CITY	0500621	6.42	CAPE MAY COUNTY 621	05071052	0.44	25th Avenue	4	0	0	1	1	2	30.04	YES	YES	County	385	45%	64%
339	29	SJTPO	CAPE MAY	NORTH WILDWOOD CITY	05071013	1.30	NORTH WILDWOOD CITY	05071048	0.61	HEREFORD AVE	4	0	0	1	1	2	30.04	YES	YES	Municipal	385	42%	64%
339	29	SJTPO	CAPE MAY	MIDDLE TWP	0500657	3.63	CAPE MAY COUNTY 657	05061172	0.00	Brighton Road	4	0	0	1	1	2	30.04	YES	YES	County	979	26%	30%
365	33	SJTPO	CAPE MAY	AVALON BORO	05011001	0.00	AVALON BORO	0500601	3.95	Avalon Boulevard	3	0	0	1	1	1	29.04	NO	YES	Municipal	405	2%	14%
384	34	SJTPO	CAPE MAY	WILDWOOD CITY	0000047	0.44	WILDWOOD CITY	05151053	1.12	Park Boulevard	9	0	0	0	2	7	28.70	YES	YES	County	326	50%	64%
387	35	SJTPO	CAPE MAY	UPPER TWP	0500623	0.31	CAPE MAY COUNTY 623	0000444	25.34	Garden State Parkway	2	0	0	1	1	0	28.04	NO	YES	County	568	10%	18%
387	35	SJTPO	CAPE MAY	WILDWOOD CITY	05141041	0.10	WILDWOOD CITY	05141061	1.03	Atlantic Avenue	2	0	0	1	1	0	28.04	YES	YES	Municipal	597	45%	64%
387	35	SJTPO	CAPE MAY	OCEAN CITY	05081101	0.30	OCEAN CITY	05081227	0.00	Alley	2	0	0	1	1	0	28.04	YES	YES	Municipal	288	44%	42%
387	35	SJTPO	CAPE MAY	CAPE MAY CITY	0500606	2.20	CAPE MAY COUNTY 606	0500626	0.35	Broadway	2	0	0	1	1	0	28.04	YES	YES	County	340	18%	48%
431	39	SJTPO	CAPE MAY	NORTH WILDWOOD CITY	05071052	0.10	NORTH WILDWOOD CITY	05071002	1.18	Surf Avenue	4	0	0	0	2	2	23.70	YES	YES	Municipal	597	42%	64%
451	40	SJTPO	CAPE MAY	MIDDLE TWP	0500657	3.90	CAPE MAY COUNTY 657	0000009	13.06	Shore Road	3	0	0	0	2	1	22.70	YES	YES	County	979	26%	30%
451	40	SJTPO	CAPE MAY	WILDWOOD CITY	0500621	6.06	CAPE MAY COUNTY 621	05141041	0.38	Wildwood Avenue	3	0	0	0	2	1	22.70	YES	YES	County	385	45%	64%
451	40	SJTPO	CAPE MAY	NORTH WILDWOOD CITY	05071051	0.30	NORTH WILDWOOD CITY	05071003	0.10	Central Avenue	3	0	0	0	2	1	22.70	YES	YES	Municipal	597	45%	64%
451	40	SJTPO	CAPE MAY	MIDDLE TWP	0500658	2.63	CAPE MAY COUNTY 658	0500612	2.77	Dias Creek Road	3	0	0	0	2	1	22.70	YES	YES	County	979	26%	38%
477	44	SJTPO	CAPE MAY	LOWER TWP	0500603	6.08	CAPE MAY COUNTY 603	05051273	0.15	Miami Avenue	2	0	0	0	2	0	21.70	YES	YES	County	726	29%	50%
477	44	SJTPO	CAPE MAY	OCEAN CITY	05081279	0.40	OCEAN CITY	05081105	0.42	Alley	2	0	0	0	2	0	21.70	NO	YES	Municipal	0	0%	13%
477	44	SJTPO	CAPE MAY	MIDDLE TWP	0500657	3.72	CAPE MAY COUNTY 657	05061173	0.00	Fairmount Road	2	0	0	0	2	0	21.70	YES	YES	County	979	26%	30%
477	44	SJTPO	CAPE MAY	LOWER TWP	05051260	0.60	LOWER TWP	05051280	0.18	Virginia Avenue	2	0	0	0	2	0	21.70	YES	YES	Municipal	726	29%	50%
505	48	SJTPO	CAPE MAY	MIDDLE TWP	0500620	1.66	CAPE MAY COUNTY 620	05061142	0.64	Shell Bay Avenue	5	0	0	1	0	4	21.20	YES					