

# 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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## 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 ('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
5	1	SJTPO	ATLANTIC	EGG HARBOR TWP	0000563	8.79	ROUTE 563	01000646	2.39	Delilah Road	41	0	0	3	8	30	168.37	YES	NO	County	2,301	62%	53%
6	2	SJTPO	ATLANTIC	WEYMOUTH TWP	0000557	18.36	ROUTE 557	01000669	0.54	11th Avenue	8	0	2	2	1	3	162.08	NO	NO	County	1,815	14%	21%
7	3	SJTPO	ATLANTIC	EGG HARBOR TWP	01000603	0.36	ATLANTIC COUNTY 603	01000646	0.88	Delilah Road	12	0	2	1	2	7	159.73	YES	NO	County	2,301	64%	44%
8	4	SJTPO	ATLANTIC	GALLOWAY TWP	01000634	1.87	ATLANTIC COUNTY 634	01111080	2.20	Ridgewood Avenue	7	0	2	2	0	3	151.23	NO	NO	County	1,282	27%	19%
9	5	SJTPO	ATLANTIC	EGG HARBOR TWP	01000615	2.04	ATLANTIC COUNTY 615	01081081	0.00	School House Road	9	0	2	1	1	5	146.88	NO	NO	County	2,404	24%	16%
10	6	SJTPO	ATLANTIC	EGG HARBOR TWP	01000651	6.67	ATLANTIC COUNTY 651	01000662	3.34	West Mill Road	16	0	1	2	4	9	143.70	YES	YES	County	797	66%	58%
13	7	SJTPO	ATLANTIC	EGG HARBOR TWP	01000662	1.00	ATLANTIC COUNTY 662	01081013	0.15	Tremont Avenue	15	0	0	3	7	5	132.53	NO	NO	County	3,055	41%	5%
15	8	SJTPO	ATLANTIC	HAMILTON TWP	00005575	11.33	ROUTE 575	00000563	11.53	Tilton Road	6	0	2	0	1	3	127.68	YES	YES	County	650	60%	44%
21	9	SJTPO	ATLANTIC	GALLOWAY TWP	0000561	4.31	ROUTE 561	01111056	1.12	Chris Gaupp Drive	11	0	1	2	2	6	119.01	YES	NO	County	2,442	54%	42%
22	10	SJTPO	ATLANTIC	ATLANTIC CITY	01021382	0.54	PACIFIC AVE	01021231	0.38	Iowa Avenue	10	0	1	2	2	5	118.01	YES	YES	Municipal	0	97%	76%
26	11	SJTPO	ATLANTIC	ABSECON CITY	01000601	0.09	ATLANTIC COUNTY 601	01011149	0.06	Morton Avenue	10	0	0	4	4	2	114.18	YES	YES	County	752	78%	58%
30	12	SJTPO	ATLANTIC	EGG HARBOR TWP	00005559	5.23	ROUTE 559	00000575	0.00	English Creek Avenue	7	0	0	5	2	0	107.68	NO	YES	County	306	24%	16%
32	13	SJTPO	ATLANTIC	EGG HARBOR TWP	0000559A	5.23	ROUTE 559 ALTERNATE	00000575	3.36	English Creek Road	20	0	0	3	3	14	98.13	NO	NO	County	1,756	41%	16%
34	14	SJTPO	ATLANTIC	HAMMONTON TOWN	00005559	26.81	ROUTE 559	01131128	0.49	8th Street	5	0	1	1	2	1	96.81	YES	NO	County	1,553	17%	22%
34	14	SJTPO	ATLANTIC	HAMILTON TWP	00005575	9.00	ROUTE 575	N/A	N/A	N/A	5	0	1	1	2	1	96.81	YES	NO	County	1,973	51%	37%
39	16	SJTPO	ATLANTIC	EGG HARBOR TWP	0000563	5.82	ROUTE 563	01000651	8.06	Bargaintown Road	21	0	0	1	6	14	96.28	YES	YES	County	797	78%	58%
40	17	SJTPO	ATLANTIC	SOMERS POINT CITY	0000559A	0.00	ROUTE 559 ALTERNATE	00000585	1.53	Shore Road	8	0	1	0	3	4	93.46	YES	YES	County	552	37%	34%
41	18	SJTPO	ATLANTIC	MARGATE CITY	0000563	0.32	ROUTE 563	01161121	0.78	Amherst Avenue	5	1	0	2	0	2	93.31	NO	YES	County	396	16%	21%
42	19	SJTPO	ATLANTIC	EGG HARBOR TWP	01000662	1.67	ATLANTIC COUNTY 662	01081001	3.83	Ridge Avenue	15	0	0	3	3	9	93.13	NO	NO	County	3,055	41%	5%
45	20	SJTPO	ATLANTIC	SOMERS POINT CITY	0000585	0.85	ROUTE 585	01000620	0.00	Maryland Avenue	13	0	0	3	3	7	91.13	YES	YES	County	282	37%	44%
47	21	SJTPO	ATLANTIC	HAMILTON TWP	0000575	8.98	ROUTE 575	N/A	N/A	N/A	12	0	0	3	3	6	90.13	YES	NO	County	1,973	51%	37%
49	22	SJTPO	ATLANTIC	GALLOWAY TWP	01000686	0.90	ATLANTIC COUNTY 686	01111218	0.27	Bremen Avenue	3	0	1	1	1	0	84.96	YES	NO	County	1,125	45%	37%
50	23	SJTPO	ATLANTIC	EGG HARBOR TWP	01000651	9.58	ATLANTIC COUNTY 651	01191208	1.97	Doughty Road	9	0	1	0	2	6	84.61	YES	YES	County	874	96%	57%
54	24	SJTPO	ATLANTIC	EGG HARBOR TWP	01000687	0.49	ATLANTIC COUNTY 687	01081241	0.00	Hingston Avenue	12	0	0	0	7	5	80.93	YES	YES	County	797	92%	58%
56	25	SJTPO	ATLANTIC	PLEASANTVILLE CITY	01000687	1.01	ATLANTIC COUNTY 687	01191097	0.07	Mcclellan Avenue	5	0	1	0	2	2	80.61	YES	NO	County	1,475	92%	55%
58	26	SJTPO	ATLANTIC	EGG HARBOR TWP	00005575	4.03	ROUTE 575	N/A	N/A	N/A	3	0	1	0	2	0	78.61	NO	NO	County	3,055	41%	8%
59	27	SJTPO	ATLANTIC	PLEASANTVILLE CITY	01000646	6.36	ATLANTIC COUNTY 646	01191035	0.61	Linden Avenue	16	0	0	2	3	11	77.94	YES	NO	County	1,252	95%	62%
60	28	SJTPO	ATLANTIC	BUENA VISTA TWP	01000655	0.51	ATLANTIC COUNTY 655	01000681	0.79	Oak Road	5	0	1	1	0	3	77.11	YES	NO	County	1,401	7%	29%
61	29	SJTPO	ATLANTIC	LINWOOD CITY	01141144	1.90	OAK AVE	01081359	0.58	Poplar Avenue	4	0	1	1	0	2	76.11	NO	YES	Municipal	597	21%	15%
62	30	SJTPO	ATLANTIC	HAMILTON TWP	01000614	2.69	ATLANTIC COUNTY 614	01121241	0.00	Holly Street	3	0	1	1	0	1	75.11	YES	NO	County	1,973	73%	19%
62	30	SJTPO	ATLANTIC	BUENA VISTA TWP	0000557	22.03	ROUTE 557	01051094	9.15	Millville Avenue	3	0	1	1	0	1	75.11	NO	NO	County	2,025	21%	12%
62	30	SJTPO	ATLANTIC	GALLOWAY TWP	0000561A	2.42	ROUTE 561 ALTERNATE	01111292	0.52	Quail Hill Boulevard	3	0	1	1	0	1	75.11	NO	NO	County	1,308	34%	17%
65	33	SJTPO	ATLANTIC	MARGATE CITY	01161121	1.18	MONMOUTH AVE	01161085	0.48	Thurlow Avenue	2	0	1	1	0	0	74.11	YES	YES	Municipal	396	26%	22%
69	34	SJTPO	ATLANTIC	EGG HARBOR TWP	0000559A	3.03	ROUTE 559 ALTERNATE	01000615	4.09	Zion Road	15	0	0	0	6	9	74.09	YES	YES	County	644	41%	32%
69	34	SJTPO	ATLANTIC	ATLANTIC CITY	01021382	1.83	PACIFIC AVE	01021130	0.00	Pennsylvania Avenue	15	0	0	0	6	9	74.09	YES	YES	Municipal	468	98%	94%
72	36	SJTPO	ATLANTIC	ATLANTIC CITY	01021381	1.37	MADISON AVE	01021387	0.86	Horace J Bryant Jr Boulevard	8	0	0	1	5	2	73.44	YES	YES	Municipal	525	100%	88%
73	37	SJTPO	ATLANTIC	GALLOWAY TWP	01000634	3.17	ATLANTIC COUNTY 634	01111119	0.00	Great Creek Road	7	0	0	1	5	1	72.44	YES	NO	County	1,282	60%	19%
75	38	SJTPO	ATLANTIC	EGG HARBOR TWP	01000651	7.79	ATLANTIC COUNTY 651	N/A	N/A	N/A	6	0	1	0	1	4	71.76	YES	YES	County	797	68%	58%
76	39	SJTPO	ATLANTIC	ATLANTIC CITY	01021382	1.22	PACIFIC AVE	01021106	0.00	Ohio Avenue	9	0	0	2	3	4	70.94	YES	YES	Municipal	525	98%	88%
78	40	SJTPO	ATLANTIC	ATLANTIC CITY	01151100	6.73	ATLANTIC AVE	01021387	1.08	Horace J Bryant Jr Boulevard	5	1	0	0	1	3	70.76	YES	YES	Municipal	525	100%	88%
78	40	SJTPO	ATLANTIC	ATLANTIC CITY	01021130	0.34	PENNSYLVANIA AVE	01021381	0.77	Madison Avenue	5	0	1	0	1	3	70.76	YES	YES	Municipal	468	100%	97%
78	40	SJTPO	ATLANTIC	ATLANTIC CITY	01021381	0.62	MADISON AVE	01021392	0.77	Maryland Avenue	5	0	1	0	1	3	70.76	YES	YES	Municipal	468	98%	97%
82	43	SJTPO	ATLANTIC	HAMMONTON TOWN	0000561	20.73	ROUTE 561	01131067	0.00	Lakeview Drive	8	0	0	2	3	3	69.94	YES	NO	County	1,553	17%	22%
84	44	SJTPO	ATLANTIC	ATLANTIC CITY	01021382	0.73	PACIFIC AVE	01021228	0.11	Bellevue Avenue	4	0	1	0	1	2	69.76	YES	YES	Municipal	0	97%	88%
84	44	SJTPO	ATLANTIC	VENTNOR CITY	01151100	3.89	ATLANTIC AVE	01221060	0.36	Cambridge Avenue	4	0	1	0	1	2	69.76	YES	YES	Municipal	560	58%	51%
84	44	SJTPO	ATLANTIC	EGG HARBOR TWP	01000646	1.29	ATLANTIC COUNTY 646	01081014	0.00	Elmwood Avenue	4	1	0	0	1	2	69.76	YES	NO	County	2,301	64%	53%
89	47	SJTPO	ATLANTIC	HAMILTON TWP	01121197	2.																	