

New Jersey Network Screening Lists, 2023

SJTPO - Pedestrian/Bicycle Corridor List (2016-2020 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 2016 AND 2020	Years 2016, 2017, 2018, 2019, 2020
		mun_cty_co	County	IN ('01', '05', '06', '17')	01 - Atlantic; 05 - Cape May; 06 - Cumberland; 17 - Salem
	OR	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	IS 'Y'	Y - Yes
	OR	crash_type	Crash Type	IN ('13', '14')	13 - Pedestrian; 14 - Pedacyclist
		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
		cyclist_involved	Cyclist Involved	> 0	At least one bicyclist 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	2023 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	PDO	\$14,518	1.0000	-

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

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

EJ Area Thresholds		
Minority %	≥	45%
Low-Income %	≥	22%

Rank (ePDO)	County Rank	MPO	County	Municipality	SRI	Mile Post - From	Mile Post - To	Corridor Length	Route	Crashes by Severity (2016-2020)						Weighted Score (ePDO)	Weighted Score (eC)	Is EJ Area?	Is Census Block Group Pop. < 1,000?	NJDOT SLD - Lane Count	NJDOT SLD - Roadway Jurisdiction	NJDOT SLD - Functional Class	ARD - Divided By	EIScreen - Census Block Group Population (Lowest Value)	EIScreen - Minority % (Highest Value)	EIScreen - Low-Income % (Highest Value)
										Total Crashes	K	A	B	C	O											
1	1	SJTPO	ATLANTIC	ATLANTIC CITY	01151100	5.82	6.82	1.00	ATLANTIC AVE	18	1	2	3	12	0	352.52	32.497	YES	YES	4	Municipal	Principal Arterial - Other	None	525	100%	88%
2	2	SJTPO	ATLANTIC	ATLANTIC CITY	01021382	0.40	1.40	1.00	PACIFIC AVE	23	0	1	5	16	1	317.47	29.174	YES	YES	4	Municipal	Minor Arterial	None	0	98%	88%
3	3	SJTPO	ATLANTIC	EGG HARBOR TWP	01000651	7.99	8.99	1.00	ATLANTIC COUNTY 651	6	1	1	3	1	0	176.27	16.250	YES	YES	2	County	Minor Arterial	None	797	78%	58%
4	4	SJTPO	ATLANTIC	EGG HARBOR TWP	00000563	4.84	5.84	1.00	ROUTE 563	5	1	1	1	1	1	142.88	13.079	YES	YES	4	County	Principal Arterial - Other	None	551	92%	58%
5	5	SJTPO	ATLANTIC	PLEASANTVILLE CITY	00000585	6.40	7.40	1.00	ROUTE 585	4	0	2	1	1	0	141.88	13.079	YES	NO	2	County	Minor Arterial	None	1,188	98%	71%
6	6	SJTPO	ATLANTIC	LONGPORT BORO	01151100	0.76	1.76	1.00	ATLANTIC AVE	6	0	1	3	1	1	120.36	11.003	YES	YES	4	Municipal	Minor Arterial	None	455	26%	22%
7	7	SJTPO	ATLANTIC	ATLANTIC CITY	01151100	6.99	7.99	1.00	ATLANTIC AVE	7	1	0	1	4	1	118.51	10.832	YES	YES	4	Municipal	Principal Arterial - Other	None	468	100%	94%
8	8	SJTPO	ATLANTIC	ATLANTIC CITY	01021382	1.53	2.53	1.00	PACIFIC AVE	6	0	1	2	2	1	114.01	10.418	YES	YES	4	Municipal	Minor Arterial	None	0	98%	94%
9	9	SJTPO	ATLANTIC	GALLOWAY TWP	00000561	3.41	4.41	1.00	ROUTE 561	2	2	0	0	0	0	113.83	10.494	YES	NO	2	County	Minor Arterial	None	1,612	54%	42%
10	10	SJTPO	ATLANTIC	ATLANTIC CITY	01021392	0.09	1.09	1.00	MARILAND AVE	7	0	0	5	2	0	107.68	9.927	YES	YES	2	Municipal	Minor Arterial	None	468	100%	97%
11	11	SJTPO	ATLANTIC	PLEASANTVILLE CITY	01000646	5.91	6.91	1.00	ATLANTIC COUNTY 646	5	0	1	2	1	1	103.16	9.418	YES	YES	2	County	Minor Arterial	None	874	62%	62%
12	12	SJTPO	ATLANTIC	ATLANTIC CITY	01021388	0.21	1.06	0.85	KENTUCKY AVE	5	0	1	0	4	0	100.31	9.247	YES	YES	2	Municipal	Major Collector	None	343	100%	97%
13	13	SJTPO	ATLANTIC	VENTNOR CITY	01000629	2.89	3.89	1.00	ATLANTIC COUNTY 629	4	0	1	1	2	0	95.81	8.832	YES	YES	2	County	Principal Arterial - Other	None	560	58%	51%
14	14	SJTPO	ATLANTIC	ATLANTIC CITY	01021380	0.20	1.20	1.00	WINCHESTER AVE	7	0	0	2	5	0	88.63	8.171	YES	YES	2	Municipal	Minor Arterial	None	525	100%	88%
15	15	SJTPO	ATLANTIC	EGG HARBOR TWP	00000575	5.67	6.67	1.00	ROUTE 575	4	0	1	0	2	1	79.61	7.247	YES	NO	1	County	Minor Arterial	Painted Median	2,605	64%	43%
16	16	SJTPO	ATLANTIC	ATLANTIC CITY	01021364	0.10	0.24	0.14	SARKANSAS AVE	3	0	1	0	2	0	78.61	7.247	YES	YES	4	Municipal	Principal Arterial - Other	None	525	100%	88%
17	17	SJTPO	ATLANTIC	EGG HARBOR TWP	00000559	5.74	6.74	1.00	ROUTE 559	2	0	1	1	0	0	74.11	6.832	YES	NO	2	County	Major Collector	None	306	24%	15%
18	18	SJTPO	ATLANTIC	EGG HARBOR TWP	01000662	3.48	4.48	1.00	ATLANTIC COUNTY 662	2	0	1	1	0	0	74.11	6.832	YES	YES	2	County	Minor Arterial	None	551	66%	58%
19	19	SJTPO	ATLANTIC	GALLOWAY TWP	01000634	2.49	3.49	1.00	ATLANTIC COUNTY 634	2	0	1	1	0	0	74.11	6.832	YES	NO	2	County	Minor Arterial	None	1,282	87%	63%
20	20	SJTPO	ATLANTIC	VENTNOR CITY	01151100	3.94	4.94	1.00	ATLANTIC AVE	2	0	1	1	0	0	74.11	6.832	YES	YES	4	Municipal	Minor Arterial	None	560	86%	69%
21	21	SJTPO	ATLANTIC	EGG HARBOR TWP	00000563	17.10	18.10	1.00	ROUTE 563	2	0	1	0	0	1	57.92	5.247	YES	YES	2	County	Major Collector	None	618	71%	61%
22	22	SJTPO	ATLANTIC	EGG HARBOR TWP	01000651	10.29	11.29	1.00	ATLANTIC COUNTY 651	1	0	1	0	0	0	56.92	5.247	YES	YES	2	County	Minor Arterial	None	874	94%	58%
23	23	SJTPO	ATLANTIC	VENTNOR CITY	01221003	0.38	0.47	0.09	MARSHALL AV	1	0	1	0	0	0	56.92	5.247	YES	YES	2	Municipal	Local	None	670	91%	63%
24	24	SJTPO	ATLANTIC	WEYMOUTH TWP	00000557	18.80	19.80	1.00	ROUTE 557	1	0	1	0	0	0	56.92	5.247	YES	NO	2	County	Major Collector	None	2,025	45%	22%
25	25	SJTPO	ATLANTIC	VENTNOR CITY	01221006	0.00	0.07	0.07	WINCHESTER AV	1	0	1	0	0	0	56.92	5.247	YES	YES	1	Municipal	Local	None	560	86%	63%
26	26	SJTPO	ATLANTIC	HAMILTON TWP	00000559	12.50	13.50	1.00	ROUTE 559	1	0	1	0	0	0	56.92	5.247	YES	NO	2	County	Minor Arterial	None	1,038	57%	21%
27	27	SJTPO	ATLANTIC	BUENA VISTA TWP	00000540	40.60	41.60	1.00	ROUTE 540	1	0	1	0	0	0	56.92	5.247	YES	NO	2	County	Major Collector	None	1,401	21%	29%
28	28	SJTPO	ATLANTIC	BUENA VISTA TWP	01051119	0.00	0.50	0.50	CIMINO BLVD	1	0	1	0	0	0	56.92	5.247	YES	NO	2	Municipal	Local	None	1,401	20%	29%
29	29	SJTPO	ATLANTIC	GALLOWAY TWP	00000561A	4.90	5.90	1.00	ROUTE 561 ALTERNATE	1	1	0	0	0	0	56.92	5.247	YES	YES	2	County	Minor Arterial	None	650	87%	63%
30	30	SJTPO	ATLANTIC	HAMMONTOWN TOWN	00000561	19.76	20.76	1.00	ROUTE 561	1	1	0	0	0	0	56.92	5.247	YES	NO	2	County	Minor Arterial	None	1,196	17%	22%
31	31	SJTPO	ATLANTIC	GALLOWAY TWP	0111191	2.86	3.86	1.00	LEIPZIG AV	1	0	1	0	0	0	56.92	5.247	NO	NO	2	Municipal	Local	None	3,935	17%	6%
32	32	SJTPO	ATLANTIC	GALLOWAY TWP	01111490	0.00	0.35	0.35	W GARFIELD AVE	1	1	0	0	0	0	56.92	5.247	YES	NO	2	Municipal	Local	None	1,612	54%	21%
33	33	SJTPO	ATLANTIC	HAMMONTOWN TOWN	01131323	0.47	0.97	0.50	10TH ST	1	0	1	0	0	0	56.92	5.247	YES	NO	2	Municipal	Local	None	1,553	17%	22%
34	34	SJTPO	ATLANTIC	GALLOWAY TWP	00000561	1.54	2.54	1.00	ROUTE 561	1	1	0	0	0	0	56.92	5.247	YES	NO	2	County	Minor Arterial	None	1,282	60%	19%
35	35	SJTPO	ATLANTIC	GALLOWAY TWP	01000686	2.51	3.51	1.00	ATLANTIC COUNTY 686	1	0	1	0	0	0	56.92	5.247	NO	NO	2	County	Local	None	1,592	17%	15%
36	36	SJTPO	ATLANTIC	PORT REPUBLIC CITY	00000575	15.62	16.62	1.00	ROUTE 575	1	1	0	0	0	0	56.92	5.247	YES	YES	2	County	Minor Arterial	None	650	32%	40%
37	37	SJTPO	ATLANTIC	EGG HARBOR TWP	0000059A	1.53	2.53	1.00	ROUTE 559 ALTERNATE	1	0	1	0	0	0	56.92	5.247	YES	YES	2	County	Minor Arterial	None	644	41%	32%
38	38	SJTPO	ATLANTIC	HAMILTON TWP	01121249	0.89	0.98	0.09	CLEVELAND AV	1	0	1	0	0	0	56.92	5.247	NO	NO	2	Municipal	Local	None	2,015	17%	19%
39	39	SJTPO	ATLANTIC	ABSECON CITY	01000646	7.44	7.68	0.24	ATLANTIC COUNTY 646	1	0	1	0	0	0	56.92	5.247	YES	NO	1	County	Minor Arterial	None	1,133	91%	61%
40	40	SJTPO	ATLANTIC	SOMERS POINT CITY	01211150	0.65	1.19	0.54	BETHEL RD	1	0	1	0	0	0	56.92	5.247	YES	YES	2	Municipal	Minor Arterial	None	282	37%	44%
41	41	SJTPO	ATLANTIC	PORT REPUBLIC CITY	01000634	4.63	5.63	1.00	ATLANTIC COUNTY 634	1	0	1	0	0	0	56.92	5.247	YES	NO	2	County	Minor Arterial	None	1,058	87%	63%
42	42	SJTPO	ATLANTIC	HAMILTON TWP	01221012	1.26	1.38	0.12	STRAND AV	1	0	1	0	0	0	56.92	5.247	YES	NO	2	Municipal	Local	None	2,278	42%	38%
43	43	SJTPO	ATLANTIC	EGG HARBOR TWP	01081361	1.54	2.12	0.58	ROBERT BEST RD	1	0	1	0	0	0	56.92	5.247	YES	YES	2	Municipal	Major Collector	None	644	41%	32%
44	44	SJTPO	ATLANTIC	VENTNOR CITY	01221307	0.48	1.48	1.00	CAPTAIN JOHN O'DONNELL PARKWAY	4	0	0	1	3	0	49.74	4.585	YES	YES	2	Municipal	Principal Arterial - Other	None	560	97%	75%
45	45	SJTPO	ATLANTIC	ATLANTIC CITY	01021381	1.55	2.55	1.00	MADISON AVE	4	0	0	1	3	0	49.74	4.585	YES	YES	2	Municipal	Minor Arterial	None	525	100%	88%
46	46	SJTPO	ATLANTIC	EGG HARBOR TWP	01000684	2.59	3.20	0.61	ATLANTIC COUNTY 684	4	0	0	2	1	1	46.24	4.171	YES	NO	2	County	Major Collector	None	3,034	62%	53%
47	47	SJTPO	ATLANTIC	ATLANTIC CITY	01021368	0.10	1.10	1.00	DR MARTIN LUTHER KING JR BLVD	3	0	0	1	2	0	38.89	3.585	YES	YES	4	Municipal	Principal Arterial - Other	None	343	100%	9