

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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Crash Filtering Criteria

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	-

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

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

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

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											
12	1	SJTPO	CAPE MAY	SEA ISLE CITY	05000619	10.10	11.10	1.00	CAPE MAY COUNTY 619	4	0	1	2	1	0	102.16	9.418	YES	YES	2	County	Minor Arterial	Painted Median	0	18%	35%
16	2	SJTPO	CAPE MAY	WILDWOOD CITY	05000621	5.30	6.30	1.00	CAPE MAY COUNTY 621	7	0	0	2	5	0	88.63	8.171	YES	YES	4	County	Principal Arterial - Other	None	326	50%	64%
18	3	SJTPO	CAPE MAY	NORTH WILDWOOD CITY	05071003	0.83	1.68	0.85	CENTRAL AVE	5	0	1	1	1	2	86.96	7.832	YES	YES	1	Municipal	Major Collector	Grass Median	0	17%	42%
20	4	SJTPO	CAPE MAY	LOWER TWP	05000603	4.03	5.03	1.00	CAPE MAY COUNTY 603	5	0	0	4	1	0	79.64	7.342	YES	YES	2	County	Minor Arterial	None	699	29%	50%
30	5	SJTPO	CAPE MAY	WILDWOOD CREST BORO	05151001	0.00	1.00	1.00	ATLANTIC AVE	2	0	1	0	1	0	67.76	6.247	YES	YES	2	Municipal	Major Collector	None	0	50%	64%
30	5	SJTPO	CAPE MAY	MIDDLE TWP	05000657	3.65	4.65	1.00	CAPE MAY COUNTY 657	2	0	1	0	1	0	67.76	6.247	YES	YES	2	County	Minor Arterial	Painted Median	979	26%	30%
30	5	SJTPO	CAPE MAY	LOWER TWP	00000109	0.71	1.71	1.00	NJ 109	2	1	0	0	1	0	67.76	6.247	YES	YES	2	N.J.D.O.T.	Minor Arterial	Painted Median	326	45%	48%
39	8	SJTPO	CAPE MAY	WILDWOOD CITY	05151003	1.00	1.56	0.56	PACIFIC AVE	2	0	1	0	0	1	57.92	5.247	YES	YES	2	Municipal	Major Collector	None	597	50%	64%
39	8	SJTPO	CAPE MAY	LOWER TWP	05000613	0.81	1.81	1.00	CAPE MAY COUNTY 613	2	0	1	0	0	1	57.92	5.247	YES	NO	2	County	Major Collector	None	1,138	29%	50%
43	10	SJTPO	CAPE MAY	MIDDLE TWP	05061271	0.01	0.38	0.37	FISHING CREEK RD	1	0	1	0	0	0	56.92	5.247	YES	YES	2	Municipal	Local	None	979	26%	38%
43	10	SJTPO	CAPE MAY	MIDDLE TWP	05000618	0.47	1.47	1.00	CAPE MAY COUNTY 618	1	0	1	0	0	0	56.92	5.247	YES	NO	2	County	Major Collector	None	1,403	59%	49%
43	10	SJTPO	CAPE MAY	LOWER TWP	05051309	0.06	0.41	0.35	LENOX AV	1	0	1	0	0	0	56.92	5.247	YES	NO	2	Municipal	Local	None	1,138	29%	50%
43	10	SJTPO	CAPE MAY	DENNIS TWP	05000628	3.20	4.20	1.00	CAPE MAY COUNTY 628	1	1	0	0	0	0	56.92	5.247	YES	NO	2	County	Major Collector	None	1,937	18%	35%
83	14	SJTPO	CAPE MAY	LOWER TWP	05000603	5.15	6.15	1.00	CAPE MAY COUNTY 603	5	0	0	2	1	2	47.24	4.171	YES	YES	2	County	Minor Arterial	None	726	29%	50%
85	15	SJTPO	CAPE MAY	OCEAN CITY	05081069	0.20	1.20	1.00	15TH ST	3	0	0	2	1	0	45.24	4.171	YES	YES	2	Municipal	Local	None	0	44%	42%
85	15	SJTPO	CAPE MAY	OCEAN CITY	05000656	2.60	3.60	1.00	CAPE MAY COUNTY 656	3	0	0	2	1	0	45.24	4.171	YES	YES	2	County	Minor Arterial	None	288	44%	42%
93	17	SJTPO	CAPE MAY	LOWER TWP	05000603	1.62	2.62	1.00	CAPE MAY COUNTY 603	3	0	0	2	0	1	35.39	3.171	YES	YES	2	County	Minor Arterial	None	523	26%	35%
95	18	SJTPO	CAPE MAY	AVALON BORO	05011003	1.70	2.15	0.45	32ND ST	2	0	0	2	0	0	34.39	3.171	NO	YES	2	Municipal	Local	None	205	17%	21%
95	18	SJTPO	CAPE MAY	WEST CAPE MAY BORO	05000626	1.10	2.10	1.00	CAPE MAY COUNTY 626	2	0	0	2	0	0	34.39	3.171	YES	YES	2	County	Minor Arterial	None	601	18%	48%
105	20	SJTPO	CAPE MAY	LOWER TWP	05000648	0.99	1.99	1.00	CAPE MAY COUNTY 648	2	0	0	1	1	0	28.04	2.585	YES	YES	2	County	Major Collector	None	523	26%	35%
105	20	SJTPO	CAPE MAY	AVALON BORO	05000619	7.19	8.19	1.00	CAPE MAY COUNTY 619	2	0	0	1	1	0	28.04	2.585	NO	YES	2	County	Minor Arterial	Painted Median	205	17%	21%
105	20	SJTPO	CAPE MAY	WILDWOOD CITY	05141019	0.06	1.05	0.99	BURKE AV	2	0	0	1	1	0	28.04	2.585	YES	YES	1	Municipal	Local	Painted Median	0	50%	64%
105	20	SJTPO	CAPE MAY	LOWER TWP	00000047	0.10	1.10	1.00	NI 47	2	0	0	1	1	0	28.04	2.585	YES	YES	2	N.J.D.O.T.	Principal Arterial - Other	Painted Median	326	50%	64%
105	20	SJTPO	CAPE MAY	MIDDLE TWP	05000657	0.00	1.00	1.00	CAPE MAY COUNTY 657	2	0	0	1	1	0	28.04	2.585	NO	YES	2	County	Minor Arterial	None	885	17%	17%
116	25	SJTPO	CAPE MAY	SEA ISLE CITY	05000619	11.50	12.50	1.00	CAPE MAY COUNTY 619	3	0	0	0	2	1	22.70	2.000	YES	YES	2	County	Minor Arterial	Painted Median	0	18%	35%
127	26	SJTPO	CAPE MAY	AVALON BORO	05011075	0.90	1.90	1.00	6TH ST	2	0	0	1	0	1	18.20	1.585	NO	YES	1	Municipal	Local	Curbed Median	405	2%	14%
127	26	SJTPO	CAPE MAY	MIDDLE TWP	05061014	0.30	0.40	0.10	LINDEN LN	2	0	0	1	0	1	18.20	1.585	YES	NO	2	Municipal	Local	None	1,135	59%	49%
127	26	SJTPO	CAPE MAY	AVALON BORO	05011036	0.90	1.90	1.00	1ST AV	2	0	0	1	0	1	18.20	1.585	NO	YES	2	Municipal	Local	Painted Median	0	2%	14%
127	26	SJTPO	CAPE MAY	OCEAN CITY	05081276	4.80	5.80	1.00	ASBURY AVE	2	0	0	1	0	1	18.20	1.585	YES	YES	2	Municipal	Minor Arterial	None	288	44%	42%
138	30	SJTPO	CAPE MAY	OCEAN CITY	05000619	17.50	18.50	1.00	CAPE MAY COUNTY 619	1	0	0	1	0	0	17.20	1.585	NO	YES	2	County	Minor Arterial	None	0	2%	10%
138	30	SJTPO	CAPE MAY	OCEAN CITY	05081123	0.30	0.72	0.42	8TH ST	1	0	0	1	0	0	17.20	1.585	YES	YES	2	Municipal	Minor Collector	None	288	44%	42%
138	30	SJTPO	CAPE MAY	WEST CAPE MAY BORO	05121008	0.00	0.13	0.13	YORK AV	1	0	0	1	0	0	17.20	1.585	YES	YES	2	Municipal	Local	None	340	18%	48%
138	30	SJTPO	CAPE MAY	NORTH WILDWOOD CITY	05071043	0.61	0.93	0.32	16TH AV	1	0	0	1	0	0	17.20	1.585	YES	YES	2	Municipal	Local	None	703	3%	37%
138	30	SJTPO	CAPE MAY	WILDWOOD CITY	05151053	1.12	2.12	1.00	PARK BLVD	1	0	0	1	0	0	17.20	1.585	YES	YES	4	Municipal	Major Collector	Painted Median	326	50%	64%
138	30	SJTPO	CAPE MAY	UPPER TWP	05000631	4.70	5.35	0.65	CAPE MAY COUNTY 631	1	0	0	1	0	0	17.20	1.585	NO	YES	2	County	Major Collector	None	568	18%	18%
138	30	SJTPO	CAPE MAY	OCEAN CITY	05081277	0.10	0.43	0.33	9TH ST	1	0	0	1	0	0	17.20	1.585	YES	YES	4	Municipal	Principal Arterial - Other	None	0	44%	42%
138	30	SJTPO	CAPE MAY	AVALON BORO	05011016	0.30	0.48	0.18	16TH ST	1	0	0	1	0	0	17.20	1.585	NO	YES	2	Municipal	Local	None	0	2%	14%
138	30	SJTPO	CAPE MAY	AVALON BORO	05011003	0.10	1.10	1.00	32ND ST	1	0	0	1	0	0	17.20	1.585	NO	YES	2	Municipal	Local	Grass Median	0	2%	14%
138	30	SJTPO	CAPE MAY	MIDDLE TWP	05061031	0.30	0.90	0.60	RAILROAD AV	1	0	0	1	0	0	17.20	1.585	ENTRY NOT FOUND IN ROADMETRY NOT FOUND IN ROADWAY NETWORK FILE	YES	2	Unknown	Unknown	None	N/A	N/A	N/A
138	30	SJTPO	CAPE MAY	MIDDLE TWP	05000612	2.58	2.88	0.30	CAPE MAY COUNTY 612	1	0	0	1	0	0	17.20	1.585	YES	YES	2	County	Major Collector	None	979	26%	38%
138	30	SJTPO	CAPE MAY	DENNIS TWP	05041135	0.89	1.39	0.50	JAKES LANDING RD	1	0	0	1	0	0	17.20	1.585	YES	NO	2	Municipal	Local	None	2,184	5%	35%
138	30	SJTPO	CAPE MAY	MIDDLE TWP	05061331	0.10	0.23	0.13	ATLANTIC AV	1	0	0	1	0	0	17.20	1.585	YES	YES	2	Municipal	Local	None	979	26%	38%
138	30	SJTPO	CAPE MAY	WILDWOOD CREST BORO	05151014	0.05	0.65	0.60	LAVENDER RD	1	0	0	1	0	0	17.20	1.585	YES	YES	2	Municipal	Local	None	0	50%	42%
138	30	SJTPO	CAPE MAY	WILDWOOD CREST BORO	05151004	0.00	1.00	1.00	OCEAN AV	1	0	0	1	0	0	17.20	1.585	YES	YES	2	Municipal	Local	None	0	50%	64%
138	30	SJTPO	CAPE MAY	UPPER TWP	05111195	0.20	0.25	0.05	COLE AV	1	0	0	1	0	0	17.20	1.585	YES	NO	2	Municipal	Local	None	1,077	5%	22%
138	30	SJTPO	CAPE MAY	OCEAN CITY	05000619	19.26	19.88	0.62	CAPE MAY COUNTY 619	1	0	0	1	0	0	17.20	1.585	NO	YES	2	County	Minor Arterial	None	0	0%	13%
138	30	SJTPO	CAPE MAY	WILDWOOD CITY	05141040	0.70	0.83	0.13	DAK AVE	1	0	0	1	0	0	17.20	1.585	YES	YES	2	Municipal	Local	None	0	50%	64%
138	30	SJTPO	CAPE MAY	WILDWOOD CITY	05141031	0.00	1.00	1.00	MONTGOMERY AV	1	0	0	1	0	0	17.20	1.585	YES</								