

New Jersey Network Screening Lists, 2023

SJTPO - Roadway Corridor List (2018-2020 Crashes)

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

Print Date: Tuesday, October 10, 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 ('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

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)
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	PDO	\$14,518	1.0000

$$ePDO_{TOTAL} = [K]^*ePDO_c + [A]^*ePDO_b + [B]^*ePDO_g + [C]^*ePDO_e + [PDO]^*ePDO_{PDO}$$

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 Name	Crashes by Severity (2018-2020)					Weighted Score (ePDO)	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	EJScreen - Census Block Group Population (Lowest Value)	EJScreen - Minority % (Highest Value)	EJScreen - Low-Income % (Highest Value)	
										Total Crashes	K	A	B	C											O
1	1	SJTPO	CUMBERLAND	VINELAND CITY	00000552	9.56	10.56	1.00	ROUTE 552	157	0	0	13	32	112	682.69	YES	NO	2	County	Minor Arterial	None	1,727	63%	42%
4	2	SJTPO	CUMBERLAND	VINELAND CITY	00000555	15.72	16.72	1.00	ROUTE 555	93	1	1	10	19	62	553.91	YES	NO	2	County	Minor Arterial	None	1,031	74%	69%
5	3	SJTPO	CUMBERLAND	VINELAND CITY	06141029	0.29	1.29	1.00	CHESTNUT AVE	77	1	2	7	18	49	535.39	YES	YES	4	Municipal	Major Collector	None	657	93%	76%
6	4	SJTPO	CUMBERLAND	VINELAND CITY	00000540	33.28	34.28	1.00	ROUTE 540	85	0	1	6	26	52	494.14	YES	YES	2	Municipal	Major Collector	None	657	97%	76%
7	5	SJTPO	CUMBERLAND	VINELAND CITY	00000555	14.60	15.60	1.00	ROUTE 555	78	0	0	14	19	45	491.87	YES	NO	2	County	Minor Arterial	None	1,031	74%	69%
19	6	SJTPO	CUMBERLAND	VINELAND CITY	06000628	1.26	2.26	1.00	CUMBERLAND COUNTY 628	60	0	1	6	14	39	350.97	YES	NO	2	County	Major Collector	None	1,727	63%	42%
20	7	SJTPO	CUMBERLAND	VINELAND CITY	00000555	11.88	12.88	1.00	ROUTE 555	55	1	1	7	7	39	349.15	YES	NO	2	County	Minor Arterial	None	1,398	50%	49%
24	8	SJTPO	CUMBERLAND	VINELAND CITY	06141029	1.40	2.40	1.00	CHESTNUT AVE	57	0	1	4	15	37	325.42	YES	YES	4	Municipal	Major Collector	None	657	93%	69%
25	9	SJTPO	CUMBERLAND	MILLVILLE CITY	06000667	0.65	1.65	1.00	CUMBERLAND COUNTY 667	37	0	2	6	8	21	324.80	YES	YES	2	County	Minor Arterial	None	783	61%	71%
28	10	SJTPO	CUMBERLAND	VINELAND CITY	00000540	34.41	35.41	1.00	ROUTE 540	48	0	1	5	13	29	312.92	YES	YES	2	Municipal	Major Collector	None	657	97%	63%
29	11	SJTPO	CUMBERLAND	VINELAND CITY	06000655	1.09	2.09	1.00	CUMBERLAND COUNTY 655	37	0	1	8	8	20	301.28	YES	NO	2	County	Minor Arterial	None	1,383	55%	48%
34	12	SJTPO	CUMBERLAND	DEERFIELD TWP	06000634	3.20	4.20	1.00	CUMBERLAND COUNTY 634	23	0	2	3	9	9	272.05	YES	YES	2	County	Major Collector	None	669	45%	29%
40	13	SJTPO	CUMBERLAND	MILLVILLE CITY	06101010	0.53	1.53	1.00	HIGH ST	33	0	1	4	10	18	252.18	YES	YES	2	Municipal	Major Collector	None	585	81%	71%
43	14	SJTPO	CUMBERLAND	UPPER DEERFIELD TWP	06000606	1.00	2.00	1.00	CUMBERLAND COUNTY 606	41	0	1	4	9	27	250.33	YES	YES	2	County	Minor Arterial	None	823	95%	77%
47	15	SJTPO	CUMBERLAND	VINELAND CITY	00000540	35.70	36.70	1.00	ROUTE 540	33	0	2	1	8	22	239.81	YES	NO	2	County	Minor Arterial	None	1,152	81%	39%
48	16	SJTPO	CUMBERLAND	DEERFIELD TWP	00000552	7.70	8.70	1.00	ROUTE 552	34	0	0	9	6	19	238.86	YES	YES	2	County	Minor Arterial	None	669	63%	42%
54	17	SJTPO	CUMBERLAND	VINELAND CITY	06141030	0.00	1.00	1.00	LANDIS AVE	39	1	0	4	6	28	218.79	YES	YES	2	Municipal	Minor Arterial	None	657	97%	76%
56	18	SJTPO	CUMBERLAND	VINELAND CITY	00000555	17.35	18.35	1.00	ROUTE 555	39	0	0	4	11	24	212.11	YES	YES	2	County	Minor Arterial	None	784	53%	48%
60	19	SJTPO	CUMBERLAND	VINELAND CITY	06141030	1.01	2.01	1.00	LANDIS AVE	42	0	0	5	8	29	201.77	YES	YES	2	Municipal	Minor Arterial	None	657	97%	69%
61	20	SJTPO	CUMBERLAND	FAIRFIELD TWP	06000609	0.20	1.20	1.00	CUMBERLAND COUNTY 609	14	1	1	4	1	7	200.47	YES	YES	2	County	Minor Arterial	None	914	97%	72%
62	21	SJTPO	CUMBERLAND	VINELAND CITY	06000655	2.66	3.66	1.00	CUMBERLAND COUNTY 655	40	0	0	5	8	27	199.77	YES	YES	2	County	Minor Arterial	None	581	55%	48%
64	22	SJTPO	CUMBERLAND	VINELAND CITY	06000674	0.00	1.00	1.00	CUMBERLAND COUNTY 674	38	0	0	5	8	25	197.77	YES	YES	2	County	Minor Arterial	None	744	64%	27%
65	23	SJTPO	CUMBERLAND	VINELAND CITY	00000556	8.19	9.19	1.00	NJ 56	29	0	0	3	12	14	195.76	YES	NO	4	Municipal	Minor Arterial	None	1,209	97%	76%
66	24	SJTPO	CUMBERLAND	UPPER DEERFIELD TWP	06000611	0.20	1.20	1.00	CUMBERLAND COUNTY 611	26	0	1	5	3	17	192.45	YES	NO	2	County	Minor Arterial	None	1,436	80%	45%
67	25	SJTPO	CUMBERLAND	MILLVILLE CITY	06000610	9.52	10.52	1.00	CUMBERLAND COUNTY 610	13	0	3	0	1	9	190.60	YES	NO	2	County	Minor Arterial	None	1,307	52%	48%
68	26	SJTPO	CUMBERLAND	VINELAND CITY	06000619	2.69	3.69	1.00	CUMBERLAND COUNTY 619	23	1	0	3	6	13	186.59	YES	YES	2	County	Minor Arterial	None	784	53%	48%
70	27	SJTPO	CUMBERLAND	MILLVILLE CITY	06000610	10.66	11.66	0.93	CUMBERLAND COUNTY 610	36	0	1	2	6	27	183.40	YES	YES	2	County	Minor Arterial	None	585	81%	71%
71	28	SJTPO	CUMBERLAND	VINELAND CITY	06000655	4.70	5.70	1.00	CUMBERLAND COUNTY 655	32	0	1	1	8	22	182.90	YES	YES	2	County	Minor Arterial	None	581	51%	48%
72	29	SJTPO	CUMBERLAND	UPPER DEERFIELD TWP	06000622	0.30	1.30	0.87	CUMBERLAND COUNTY 622	39	0	0	4	8	27	182.57	YES	NO	2	County	Major Collector	None	1,436	80%	45%
73	30	SJTPO	CUMBERLAND	DEERFIELD TWP	06000654	3.80	4.80	1.00	CUMBERLAND COUNTY 654	17	0	1	3	6	7	180.59	YES	YES	2	County	Local	None	669	45%	29%
74	31	SJTPO	CUMBERLAND	VINELAND CITY	06000615S	3.90	4.90	1.00	CUMBERLAND COUNTY 615 S	27	0	1	1	8	17	177.90	YES	YES	2	County	Minor Arterial	None	657	97%	76%
75	32	SJTPO	CUMBERLAND	LAWRENCE TWP	00000553	12.00	13.00	1.00	ROUTE 553	13	1	1	2	2	7	176.92	YES	NO	2	County	Minor Arterial	None	1,374	43%	44%
76	33	SJTPO	CUMBERLAND	VINELAND CITY	06000672	0.00	1.00	1.00	CUMBERLAND COUNTY 672	45	0	0	2	10	33	175.87	YES	YES	2	County	Major Collector	None	581	55%	48%
78	34	SJTPO	CUMBERLAND	VINELAND CITY	00000552	11.81	12.81	1.00	ROUTE 552	30	0	1	3	4	22	173.90	YES	NO	2	County	Minor Arterial	None	1,383	55%	33%
82	35	SJTPO	CUMBERLAND	DEERFIELD TWP	00000552	6.00	7.00	1.00	ROUTE 552	35	0	0	6	4	25	171.57	YES	YES	2	County	Minor Arterial	None	669	33%	29%
84	36	SJTPO	CUMBERLAND	MILLVILLE CITY	06000698	8.10	8.68	0.58	CUMBERLAND COUNTY 698	11	2	0	1	3	5	168.57	YES	NO	2	County	Major Collector	None	1,307	61%	48%
85	37	SJTPO	CUMBERLAND	MILLVILLE CITY	06000625	0.50	1.50	1.00	CUMBERLAND COUNTY 625	8	0	2	3	0	3	168.43	YES	NO	2	County	Local	None	1,749	28%	25%
89	38	SJTPO	CUMBERLAND	VINELAND CITY	00000552	18.00	19.00	1.00	ROUTE 552	13	0	1	3	4	5	156.90	NO	YES	2	County	Minor Arterial	None	926	20%	19%
94	39	SJTPO	CUMBERLAND	MILLVILLE CITY	06000608	2.37	3.37	1.00	CUMBERLAND COUNTY 608	8	1	1	0	3	3	149.38	NO	NO	2	County	Minor Arterial	None	1,317	20%	20%
100	40	SJTPO	CUMBERLAND	VINELAND CITY	00000540	37.39	38.39	1.00	ROUTE 540	21	1	0	1	5	14	142.35	YES	YES	2	County	Minor Arterial	None	581	25%	27%
107	41	SJTPO	CUMBERLAND	COMMERCIAL TWP	06000633	0.80	1.80	1.00	CUMBERLAND COUNTY 633	13	0	1	3	2	7	137.20	NO	YES	2	County	Local	None	620	24%	12%
108	42	SJTPO	CUMBERLAND	VINELAND CITY	06000628	3.39	4.39	1.00	CUMBERLAND COUNTY 628	26	0	0	2	8	16	137.18	YES	NO	2	County	Major Collector	None	1,209	93%	60%
111	43	SJTPO	CUMBERLAND	FAIRFIELD TWP	06000670	2.60	3.60	1.00	CUMBERLAND COUNTY 670	12	0	1	3	2	6	136.20	YES	NO	2	County	Minor Arterial	None	1,291	87%	38%
114	44	SJTPO	CUMBERLAND	MILLVILLE CITY	06000678	0.00	1.00	1.00	CUMBERLAND COUNTY 678	31	0	0	4	4	23	135.18	YES	YES	2	County	Major Collector	None	780	75%	49%
117	45	SJTPO	CUMBERLAND	VINELAND CITY	06000681	2.23	3.23	1.00	CUMBERLAND COUNTY 681	42	0	0	2	6	34	133.48	YES	NO	2	County	Local	None	1,101	81%	48%
119	46	SJTPO	CUMBERLAND	VINELAND CITY	06000615S	5.64	6.61	0.97	CUMBERLAND COUNTY 615 S	22	0	0	5	3	14	132.53	YES	NO	2	County	Minor Arterial	None	1,669	84%	59%
120	47	SJTPO	CUMBERLAND	DEERFIELD TWP	00000552	4.60	5.60	1.00	ROUTE 552	18	0	0	4	5	9	132.03	YES	YES	2	County	Minor Arterial	None	669	33%	29%
121	48	SJTPO	CUMBERLAND	UPPER DEERFIELD TWP	06000654	0.50	1.50	1.00	CUMBERLAND COUNTY 654	14	0	1	2	3	8	131.85	YES	YES	2	County	Local	None	669	87%	38%
123	49	SJTPO	CUMBERLAND	UPPER DEERFIELD TWP	00000552	1.30	2.30	1.00	ROUTE 552	21	0	0	5	3	13	131.53	YES	NO	2	County	Minor Arterial	None	1,291	87%	53%
127	50	SJTPO	CUMBERLAND	MILLVILLE CITY	00000525	0.60	1.60	1.00	ROUTE 552 SPUR	16	0	1	3	1	11	130.36	YES	YES	2	County	Minor Arterial	None	585	81%	64%