

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

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	Is '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

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

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
39	1	SJTPO	SALEM	PENNSVILLE TWP	00000551	3.80	4.80	1.00	ROUTE 551	36	0	2	5	3	26	258.36	YES	YES	2	County	Minor Arterial	None	647	34%	35%
50	2	SJTPO	SALEM	UPPER PITTSBORO TWP	17000619	3.90	4.90	1.00	SALEM COUNTY 619	21	0	1	7	4	9	229.69	YES	NO	2	County	Local	None	1,913	11%	30%
52	3	SJTPO	SALEM	PITTSBORO TWP	17000645	2.20	3.20	1.00	SALEM COUNTY 645	21	1	2	1	2	15	224.64	YES	YES	2	County	Local	None	980	38%	27%
80	4	SJTPO	SALEM	ALLOWAY TWP	17000635	1.40	2.40	1.00	SALEM COUNTY 635	20	0	1	3	5	11	173.75	NO	NO	2	County	Major Collector	None	3,220	11%	9%
83	5	SJTPO	SALEM	PITTSBORO TWP	00000540	25.30	26.30	1.00	ROUTE 540	15	0	2	2	1	10	169.08	YES	YES	2	County	Major Collector	None	556	45%	36%
86	6	SJTPO	SALEM	UPPER PITTSBORO TWP	00000581	10.00	11.00	1.00	ROUTE 581	6	0	2	1	3	0	163.57	YES	NO	2	County	Major Collector	None	1,127	14%	23%
88	7	SJTPO	SALEM	PITTSBORO TWP	00000553	32.70	33.70	1.00	ROUTE 553	22	0	1	2	5	14	159.55	YES	NO	2	County	Major Collector	None	1,058	21%	38%
92	8	SJTPO	SALEM	OLDMANS TWP	17000644	3.40	4.37	0.97	SALEM COUNTY 644	7	1	1	2	0	3	151.23	NO	NO	2	County	Major Collector	None	1,760	16%	18%
93	9	SJTPO	SALEM	MANNINGTON TWP	00000540	5.60	6.60	1.00	ROUTE 540	13	1	0	2	5	5	150.55	YES	YES	2	County	Major Collector	None	647	34%	26%
97	10	SJTPO	SALEM	ALLOWAY TWP	17000611	0.50	1.50	1.00	SALEM COUNTY 611	7	1	1	1	1	3	144.88	NO	NO	2	County	Major Collector	None	3,220	11%	9%
103	11	SJTPO	SALEM	PILESBORO TWP	00000581	6.40	7.40	1.00	ROUTE 581	13	0	2	1	0	10	141.03	NO	NO	2	County	Major Collector	None	1,127	14%	9%
111	12	SJTPO	SALEM	QUINTON TWP	00000540	16.30	17.30	1.00	ROUTE 540	12	0	1	3	2	6	136.20	YES	NO	2	County	Major Collector	None	1,970	26%	34%
113	13	SJTPO	SALEM	OLDMANS TWP	00000551	11.50	12.50	1.00	ROUTE 551	15	0	0	5	4	6	135.38	NO	NO	2	County	Major Collector	None	1,598	26%	18%
125	14	SJTPO	SALEM	ELMER BORO	17000611	8.98	9.98	1.00	SALEM COUNTY 611	11	0	0	5	4	2	131.38	YES	YES	2	County	Major Collector	None	714	13%	24%
142	15	SJTPO	SALEM	ALLOWAY TWP	17000657	5.50	6.25	0.75	SALEM COUNTY 657	8	0	1	3	1	3	122.36	NO	NO	2	County	Major Collector	None	3,220	11%	9%
143	16	SJTPO	SALEM	PITTSBORO TWP	00000540	30.00	31.00	1.00	ROUTE 540	14	0	1	2	2	9	122.01	YES	YES	2	County	Major Collector	None	744	64%	27%
152	17	SJTPO	SALEM	PITTSBORO TWP	17000613	1.00	2.00	1.00	SALEM COUNTY 613	12	0	1	3	0	8	116.51	YES	YES	2	County	Local	None	980	38%	27%
167	18	SJTPO	SALEM	MANNINGTON TWP	00000540	9.20	10.20	1.00	ROUTE 540	8	1	0	2	1	4	106.16	YES	YES	2	County	Major Collector	None	647	34%	26%
176	19	SJTPO	SALEM	PITTSBORO TWP	17000613	3.60	4.60	1.00	SALEM COUNTY 613	15	0	0	3	4	8	102.98	NO	YES	2	County	Local	None	980	6%	17%
178	20	SJTPO	SALEM	PITTSBORO TWP	00000540	26.70	27.70	1.00	ROUTE 540	10	0	1	1	2	6	101.81	YES	NO	2	County	Major Collector	None	1,594	38%	27%
190	21	SJTPO	SALEM	UPPER PITTSBORO TWP	17000635	4.00	5.00	1.00	SALEM COUNTY 635	8	1	0	2	0	5	96.31	YES	NO	2	County	Local	None	1,232	13%	23%
196	22	SJTPO	SALEM	PITTSBORO TWP	17000671	0.10	1.10	1.00	SALEM COUNTY 671	6	0	1	2	0	3	94.31	NO	YES	2	County	Local	None	980	6%	17%
213	23	SJTPO	SALEM	ALLOWAY TWP	00000581	3.30	4.30	1.00	ROUTE 581	8	0	1	1	1	5	89.96	NO	NO	2	County	Major Collector	None	3,220	11%	9%
215	24	SJTPO	SALEM	OLDMANS TWP	17000602	4.30	5.30	1.00	SALEM COUNTY 602	20	0	0	3	2	15	88.29	NO	NO	2	County	Major Collector	None	1,598	16%	18%
216	25	SJTPO	SALEM	PENNSVILLE TWP	00000551	0.60	1.60	1.00	ROUTE 551	6	1	0	1	1	3	87.96	YES	YES	2	County	Minor Arterial	None	674	23%	23%
217	26	SJTPO	SALEM	PENNS GROVE BORO	17000607	0.00	1.00	1.00	SALEM COUNTY 607	13	0	0	4	1	8	87.64	YES	YES	2	County	Major Collector	None	515	83%	72%
223	27	SJTPO	SALEM	PITTSBORO TWP	00000553	26.70	27.70	1.00	ROUTE 553	13	0	1	1	0	11	85.11	YES	NO	2	County	Major Collector	None	1,256	45%	27%
231	28	SJTPO	SALEM	PILESBORO TWP	17000605	0.97	1.97	1.00	SALEM COUNTY 605	7	0	1	0	2	4	82.61	NO	NO	2	County	Major Collector	None	1,286	26%	11%
233	29	SJTPO	SALEM	PILESBORO TWP	17000619	0.10	1.10	1.00	SALEM COUNTY 619	20	0	0	2	3	15	81.94	YES	NO	2	County	Local	None	1,127	14%	23%
235	30	SJTPO	SALEM	PITTSBORO TWP	17000655	2.40	3.40	1.00	SALEM COUNTY 655	6	0	1	0	2	3	81.61	YES	YES	2	County	Local	None	980	38%	27%
241	31	SJTPO	SALEM	PILESBORO TWP	17000672	3.20	4.20	1.00	SALEM COUNTY 672	8	0	1	1	0	6	80.11	NO	NO	2	County	Major Collector	None	1,127	14%	9%
257	32	SJTPO	SALEM	LOWER ALLOWAYS CREEK TWP	17000667	2.02	3.02	1.00	SALEM COUNTY 667	4	0	1	1	0	2	76.11	YES	NO	2	County	Major Collector	None	1,191	26%	34%
278	33	SJTPO	SALEM	PILESBORO TWP	17000636	1.00	1.76	0.76	SALEM COUNTY 636	5	0	0	3	2	0	73.29	YES	YES	2	County	Local	None	925	29%	37%
290	34	SJTPO	SALEM	MANNINGTON TWP	17000657	1.50	2.50	1.00	SALEM COUNTY 657	4	1	0	0	1	2	69.76	YES	YES	2	County	Major Collector	None	308	69%	46%
300	35	SJTPO	SALEM	UPPER PITTSBORO TWP	17000611	12.60	13.37	0.77	SALEM COUNTY 611	13	0	0	1	4	8	68.59	YES	NO	2	County	Minor Collector	None	1,058	21%	38%
302	36	SJTPO	SALEM	PILESBORO TWP	17000615	2.20	3.20	1.00	SALEM COUNTY 615	10	0	0	3	1	6	68.44	NO	NO	2	County	Local	None	1,127	14%	9%
310	37	SJTPO	SALEM	PITTSBORO TWP	00000553	28.50	29.50	1.00	ROUTE 553	21	0	0	1	3	17	66.74	YES	YES	2	County	Major Collector	None	980	38%	27%
311	38	SJTPO	SALEM	PITTSBORO TWP	17000639	4.70	5.52	0.82	SALEM COUNTY 639	8	0	0	3	1	4	66.44	YES	YES	2	County	Major Collector	None	744	59%	15%
312	39	SJTPO	SALEM	PITTSBORO TWP	17000645	0.00	1.00	1.00	SALEM COUNTY 645	14	0	0	2	2	10	66.09	YES	NO	2	County	Local	None	1,256	45%	27%
314	40	SJTPO	SALEM	UPPER PITTSBORO TWP	17000635	5.50	6.50	1.00	SALEM COUNTY 635	7	0	0	3	1	3	65.44	YES	NO	2	County	Local	None	1,232	13%	23%
318	41	SJTPO	SALEM	ALLOWAY TWP	17000672	1.30	2.30	1.00	SALEM COUNTY 672	13	0	0	2	2	9	65.09	NO	NO	2	County	Major Collector	None	3,220	11%	9%
318	41	SJTPO	SALEM	MANNINGTON TWP	00000540	3.00	4.00	1.00	ROUTE 540	13	0	0	2	2	9	65.09	YES	YES	2	County	Major Collector	None	647	34%	26%
321	43	SJTPO	SALEM	UPPER PITTSBORO TWP	17000604	1.00	2.00	1.00	SALEM COUNTY 604	9	0	1	0	0	8	64.92	YES	NO	2	County	Minor Collector	None	2,141	11%	24%
322	44	SJTPO	SALEM	OLDMANS TWP	17000601	2.37	3.37	1.00	SALEM COUNTY 601	6	0	0	3	1	2	64.44	YES	NO	2	County	Minor Collector	None	1,578	57%	39%
325	45	SJTPO	SALEM	ALLOWAY TWP	17000603	0.40	1.40	1.00	SALEM COUNTY 603	8	0	1	0	0	7	63.92	NO	NO	2	County	Major Collector	None	3,220	11%	9%
329	46	SJTPO	SALEM	CARNEYS POINT TWP	17000601	0.70	1.70	1.00	SALEM COUNTY 601	6	0	1	0	0	5	61.92	YES	YES	2	County	Major Collector	None	979	57%	39%
335	47	SJTPO	SALEM	ALLOWAY TWP	00000540	12.20	13.20	1.00	ROUTE 540	16	0	0	1	3	12	61.74	NO	NO	2	County	Major Collector	None	3,220	11%	9%
341	48	SJTPO	SALEM	PITTSBORO TWP	17101022	1.50	2.50	1.00	MORTON AV	5	0	1	0	0	4	60.92	YES	NO	2	Municipal	Local	None	1,256	45%	24%
341	48	SJTPO	SALEM	ALLOWAY TWP	00000540	13.90	14.90	1.00	ROUTE 540	5	0	1	0	0	4	60.92	YES	NO	2	County	Major Collector	None	1,970	26%	34%
341	48	SJTPO	SALEM	PITTSBORO TWP	17000690	0.60	1.60	1.00	SALEM COUNTY 690	5	1	0	0	0	4	60.92	YES	YES	2	County	Local	None	556	19%	36%