

New Jersey Network Screening Lists, 2019

Salem County - Roadway Corridor List (2014-2016 Crashes)

Developed by GPI, Jacobs, and MBO Engineering for the New Jersey Department of Transportation (NJDOT)

Print Date: Tuesday, July 7, 2020

Delivery Date: Tuesday, June 4, 2019

Equivalent Property Damage Only (ePDO) Score Weights

Crash Severity	KABCO Scale	2016 Dollars	ePDO Value (K=A)
Fatal	K	\$11,295,400	55.0420
Incapacitating Injury	A	\$655,000	55.0420
Non-incapacitating Injury	B	\$198,500	16.6807
Possible Injury	C	\$125,600	10.5546
Property Damage Only	PDO	\$11,900	1.0000

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

Crash Filtering Criteria

Crash	AND	Year	IN [2014,2015,2016]	Years 2014, 2015, 2016
		County	IN [1,5,6,17]	1 - Atlantic; 5 - Cape May; 6 - Cumberland; 17 - Salem
		Road_Sys_Code	IN [5,6,7,8]	5 - County; 6 - County Authority; 7 - Municipal; 8 - Mun Authority
		Intersection	NOT IN [1]	1 - At Intersection

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SJTPO Rank (ePDO)	County Rank	MPO	County	Town	SRI	Mile Post From	Mile Post To	Corridor Length	Route	Crashes by Severity (2014-2016)						Weighted Score (ePDO)	Lane Count	Roadway System	Functional Class	Divided By
										Total Crashes	K	A	B	C	No Injury					
79	1	SJTPO	SALEM	MANNINGTON TWP	00000540	2.50	3.50	1.00	ROUTE 540	16	1	0	2	4	9	139.62	2	County	Major Collector	None
82	2	SJTPO	SALEM	PILESGROVE TWP	17000672	5.22	6.22	1.00	SALEM COUNTY 672	15	1	0	2	4	8	138.62	2	County	Major Collector	None
95	3	SJTPO	SALEM	UPPER PITTSBORO TWP	00000553	32.90	33.90	1.00	ROUTE 553	11	0	1	4	0	6	127.76	2	County	Major Collector	None
98	4	SJTPO	SALEM	PITTSBORO TWP	17000674	0.20	1.20	1.00	SALEM COUNTY 674	16	0	1	3	1	11	126.64	2	County	Local	None
114	5	SJTPO	SALEM	PILESGROVE TWP	17000603	4.15	5.15	1.00	SALEM COUNTY 603	11	1	0	1	3	6	109.39	2	County	Major Collector	None
127	6	SJTPO	SALEM	UPPER PITTSBORO TWP	17000619	3.94	4.94	1.00	SALEM COUNTY 619	9	0	1	2	1	5	103.96	2	County	Local	None
130	7	SJTPO	SALEM	QUINTON TWP	00000540	16.50	17.50	1.00	ROUTE 540	8	1	0	2	1	4	102.96	2	County	Major Collector	None
134	8	SJTPO	SALEM	MANNINGTON TWP	00000540	3.50	4.50	1.00	ROUTE 540	12	1	0	1	2	8	100.83	2	County	Major Collector	None
136	9	SJTPO	SALEM	CARNEYS POINT TWP	00000551	1.90	2.90	1.00	ROUTE 551	18	0	0	4	2	12	99.83	2	County	Minor Arterial	None
137	10	SJTPO	SALEM	QUINTON TWP	00000581	0.10	1.10	1.00	ROUTE 581	11	1	0	1	2	7	99.83	2	County	Major Collector	None
142	11	SJTPO	SALEM	PITTSBORO TWP	17000645	1.40	2.40	1.00	SALEM COUNTY 645	9	0	1	1	2	5	97.83	2	County	Local	None
152	12	SJTPO	SALEM	PILESGROVE TWP	17000619	0.00	1.00	1.00	SALEM COUNTY 619	16	0	0	2	5	9	95.13	2	County	Local	None
172	13	SJTPO	SALEM	PITTSBORO TWP	00000540	26.30	27.30	1.00	ROUTE 540	5	1	0	0	3	1	87.71	2	County	Major Collector	None
176	14	SJTPO	SALEM	PITTSBORO TWP	00000540	24.60	25.60	1.00	ROUTE 540	16	0	0	2	4	10	85.58	2	County	Major Collector	None
177	15	SJTPO	SALEM	PITTSBORO TWP	17000613	1.52	2.52	1.00	SALEM COUNTY 613	6	1	0	1	1	3	85.28	2	County	Local	None
178	16	SJTPO	SALEM	PILESGROVE TWP	17000616	0.00	1.00	1.00	SALEM COUNTY 616	21	0	0	1	5	15	84.45	3	County	Major Collector	None
203	17	SJTPO	SALEM	PITTSBORO TWP	00000540	28.00	29.00	1.00	ROUTE 540	8	0	0	3	2	3	74.15	2	County	Major Collector	None
211	18	SJTPO	SALEM	CARNEYS POINT TWP	17131045	0.32	0.52	0.20	SPRINGFIELD AVE	3	0	1	1	0	1	72.72	2	Municipal	Local	None
222	19	SJTPO	SALEM	PITTSBORO TWP	17000613	4.30	5.30	1.00	SALEM COUNTY 613	6	1	0	0	1	4	69.60	2	County	Local	None
228	20	SJTPO	SALEM	UPPER PITTSBORO TWP	17000611	12.20	13.20	1.00	SALEM COUNTY 611	5	0	1	0	1	3	68.60	2	County	Minor Collector	None
232	21	SJTPO	SALEM	OLDMANS TWP	17000643	2.13	3.13	1.00	SALEM COUNTY 643	4	1	0	0	1	2	67.60	1	County	Major Collector	None
232	21	SJTPO	SALEM	LOWER ALLOWAYS CRK TWP	17000658	6.49	7.49	1.00	SALEM COUNTY 658	4	0	1	0	1	2	67.60	2	County	Major Collector	None
242	23	SJTPO	SALEM	QUINTON TWP	17111014	0.00	1.00	1.00	WATERWORKS RD	2	1	0	0	1	0	65.60	2	Municipal	Local	None
247	24	SJTPO	SALEM	MANNINGTON TWP	17000603	2.33	3.33	1.00	SALEM COUNTY 603	9	0	0	1	4	4	62.90	2	County	Major Collector	None
253	25	SJTPO	SALEM	CARNEYS POINT TWP	17000641	0.73	1.73	1.00	SALEM COUNTY 641	17	0	0	1	3	13	61.34	2	County	Local	None
263	26	SJTPO	SALEM	ALLOWAY TWP	00000540	13.90	14.90	1.00	ROUTE 540	6	1	0	0	0	5	60.04	2	County	Major Collector	None
272	27	SJTPO	SALEM	PENNSVILLE TWP	17000630	1.36	2.36	1.00	SALEM COUNTY 630	5	0	1	0	0	4	59.04	2	County	Local	None
276	28	SJTPO	SALEM	PITTSBORO TWP	17000690	1.41	2.41	1.00	SALEM COUNTY 690	4	0	1	0	0	3	58.04	2	County	Local	None
276	28	SJTPO	SALEM	PILESGROVE TWP	17091009	1.16	1.98	0.82	HARRISONVILLE LAKE RD	4	0	1	0	0	3	58.04	2	Municipal	Local	None
296	30	SJTPO	SALEM	UPPER PITTSBORO TWP	17000611	8.30	9.30	1.00	SALEM COUNTY 611	9	0	0	3	0	6	56.04	2	County	Major Collector	None
298	31	SJTPO	SALEM	SALEM CITY	17121097	0.48	1.31	0.83	GRIEVES PKWY	2	0	1	0	0	1	56.04	2	Municipal	Major Collector	None
298	31	SJTPO	SALEM	MANNINGTON TWP	17000659	0.20	0.84	0.64	SALEM COUNTY 659	2	1	0	0	0	1	56.04	2	County	Local	None
298	31	SJTPO	SALEM	QUINTON TWP	17000626	4.66	5.66	1.00	SALEM COUNTY 626	2	0	1	0	0	1	56.04	2	County	Minor Collector	None
298	31	SJTPO	SALEM	ALLOWAY TWP	17000657	5.10	6.10	1.00	SALEM COUNTY 657	2	1	0	0	0	1	56.04	2	County	Major Collector	None
306	35	SJTPO	SALEM	PITTSBORO TWP	17000638	0.00	1.00	1.00	SALEM COUNTY 638	15	0	0	2	1	12	55.92	2	County	Local	None
308	36	SJTPO	SALEM	MANNINGTON TWP	17000657	2.90	3.90	1.00	SALEM COUNTY 657	5	0	0	2	2	1	55.47	2	County	Major Collector	None
310	37	SJTPO	SALEM	ALLOWAY TWP	00000581	2.06	3.06	1.00	ROUTE 581	11	0	0	1	3	7	55.34	2	County	Major Collector	None
318	38	SJTPO	SALEM	PITTSBORO TWP	00000540	29.25	30.25	1.00	ROUTE 540	10	0	0	1	3	6	54.34	2	County	Major Collector	None
324	39	SJTPO	SALEM	OLDMANS TWP	00000551	10.40	11.40	1.00	ROUTE 551	9	0	0	1	3	5	53.34	2	County	Major Collector	None
332	40	SJTPO	SALEM	ALLOWAY TWP	00000540	12.45	13.45	1.00	ROUTE 540	13	0	0	0	4	9	51.22	2	County	Major Collector	None
342	41	SJTPO	SALEM	PENNSVILLE TWP	00000551	3.76	4.76	1.00	ROUTE 551	9	0	0	2	1	6	49.92	2	County	Minor Arterial	None
342	41	SJTPO	SALEM	PITTSBORO TWP	17000674	1.50	2.50	1.00	SALEM COUNTY 674	9	0	0	2	1	6	49.92	2	County	Local	None
349	43	SJTPO	SALEM	PITTSBORO TWP	17000674	4.00	5.00	1.00	SALEM COUNTY 674	11	0	0	0	4	7	49.22	2	County	Local	None
349	43	SJTPO	SALEM	MANNINGTON TWP	00000540	5.75	6.75	1.00	ROUTE 540	11	0	0	0	4	7	49.22	2	County	Major Collector	None

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

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363	45	SJTPO	SALEM	UPPER PITTSBORO TWP	17000648	4.00	5.00	1.00	SALEM COUNTY 648	6	0	0	2	1	3	46.92	2	County	Minor Collector	None
367	46	SJTPO	SALEM	PITTSBORO TWP	00000553	28.40	29.40	1.00	ROUTE 553	12	0	0	1	2	9	46.79	2	County	Major Collector	None
375	47	SJTPO	SALEM	UPPER PITTSBORO TWP	17000635	6.45	7.45	1.00	SALEM COUNTY 635	10	0	0	1	2	7	44.79	2	County	Local	None
375	47	SJTPO	SALEM	QUINTON TWP	17000654	2.80	3.80	1.00	SALEM COUNTY 654	10	0	0	1	2	7	44.79	2	County	Local	None
386	49	SJTPO	SALEM	PILESBORO TWP	17000620	6.10	7.10	1.00	SALEM COUNTY 620	8	0	0	1	2	5	42.79	2	County	Major Collector	None
391	50	SJTPO	SALEM	QUINTON TWP	17000667	3.50	4.50	1.00	SALEM COUNTY 667	7	0	0	1	2	4	41.79	2	County	Major Collector	None
391	50	SJTPO	SALEM	OLDMANS TWP	00000551	9.04	10.04	1.00	ROUTE 551	7	0	0	1	2	4	41.79	2	County	Major Collector	None
400	52	SJTPO	SALEM	WOODSTOWN BORO	17000602	0.29	1.29	1.00	SALEM COUNTY 602	6	0	0	1	2	3	40.79	2	County	Major Collector	None
400	52	SJTPO	SALEM	ALLOWAY TWP	17000640	1.00	2.00	1.00	SALEM COUNTY 640	6	0	0	1	2	3	40.79	2	County	Local	None