

New Jersey Network Screening Lists, 2023
SJTPO - Intersection List (2018-2020 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 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

Equivalent Property Damage Only (ePDO) Score Weights			
Crash Severity	KABCO Scale	2022 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	O	\$14,518	1.0000

$ePDO_{TOTAL} = [K]^* [ePDO_K] + [A]^* [ePDO_A] + [B]^* [ePDO_B] + [C]^* [ePDO_C] + [O]^* [ePDO_O]$
 $eC_{TOTAL} = [K]^* [eC_K] + [A]^* [eC_A] + [B]^* [eC_B] + [C]^* [eC_C] + [O]^* [O]$

EJ Area Thresholds		
Minority %	>=	45%
Low-Income %	>=	22%

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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Rank (ePDO)	County Rank (ePDO)	MPO	County	Municipality	Major Route			Minor Route			Crashes by Severity (2017-2020)					Weighted Score (ePDO)	Is EJ Area?	Is Census Block Group Pop. < 1,000?	NJDOT SLD - Roadway Jurisdiction of Major Route	EJScreen - Census Block Group Population (Lowest Value)	EJScreen - Minority % (Highest Value)	EJScreen - Low-Income % (Highest Value)	
					SRI	Milepost	Route Name	SRI	Milepost	Route Name	Total Crashes	K	A	B	C								O
52	1	SJTPO	SALEM	CARNEYS POINT TWP	1700641	3.55	SALEM COUNTY 641	0000551	9.26	Pennsville-Auburn Road	6	0	1	0	2	3	81.61	YES	NO	County	1,578	25%	35%
133	2	SJTPO	SALEM	UPPER PITTSBORO TWP	1700611	8.98	SALEM COUNTY 611	1700677	3.44	Burlington Road	2	1	0	0	0	1	57.92	YES	YES	County	714	13%	24%
142	3	SJTPO	SALEM	OLDMANS TWP	1700641	5.59	SALEM COUNTY 641	1700646	3.86	Pointers Auburn Road	1	0	1	0	0	0	56.92	YES	NO	County	1,578	25%	35%
142	3	SJTPO	SALEM	CARNEYS POINT TWP	1700629	1.32	SALEM COUNTY 629	0000030	2.69	Shell Road	1	0	1	0	0	0	56.92	YES	YES	County	515	78%	72%
142	3	SJTPO	SALEM	ELLSBORO TWP	1700624	2.56	SALEM COUNTY 624	1703105	0.93	Mason Point Road	1	0	1	0	0	0	56.92	NO	NO	County	1,052	19%	20%
142	3	SJTPO	SALEM	CARNEYS POINT TWP	0000551	2.66	ROUTE 551	1708105	0.00	Lee Avenue	1	1	0	0	0	0	56.92	YES	YES	County	647	34%	26%
230	7	SJTPO	SALEM	OLDMANS TWP	0000551	11.52	ROUTE 551	1700602	5.26	Pedricktown-Woodstown Road	3	0	0	2	1	0	45.24	NO	NO	County	1,598	16%	18%
259	8	SJTPO	SALEM	SALEM CITY	1700623	7.95	SALEM COUNTY 623	1700658	9.30	Salem-Hancocks Bridge Road	4	0	0	1	2	1	39.89	YES	YES	County	308	86%	77%
291	9	SJTPO	SALEM	PENNSVILLE TWP	1708159	0.80	KANSAS RD	17081174	0.00	Birch Drive	3	0	0	2	0	1	35.39	YES	YES	Municipal	758	13%	39%
312	10	SJTPO	SALEM	MANNINGTON TWP	1700653	2.03	SALEM COUNTY 653	1700657	3.62	Grant Street	4	0	0	0	3	1	33.54	YES	YES	County	647	34%	34%
315	11	SJTPO	SALEM	PENNSVILLE TWP	0000551	4.66	ROUTE 551	0000295	1.59	I-295	7	0	0	1	1	5	33.04	YES	YES	County	775	25%	35%
320	12	SJTPO	SALEM	PITTSBORO TWP	1700645	3.16	SALEM COUNTY 645	1700655	2.93	Alvine Road	6	0	0	1	1	4	32.04	YES	YES	County	980	38%	27%
387	13	SJTPO	SALEM	WOODSTOWN BORO	1700616	0.45	SALEM COUNTY 616	1700678	2.1	Old Salem Road	2	0	0	1	1	0	28.04	YES	YES	County	925	29%	37%
511	14	SJTPO	SALEM	PENNSVILLE TWP	0000551	4.53	ROUTE 551	N/A	N/A	N/A	4	0	0	1	0	3	20.20	YES	YES	County	775	25%	35%
520	15	SJTPO	SALEM	PENNSVILLE TWP	1700630	1.71	SALEM COUNTY 630	17006322	0.00	Old Fort Mott Road	3	0	0	1	0	2	19.20	YES	NO	County	1,063	0%	23%
551	16	SJTPO	SALEM	WOODSTOWN BORO	1700672	7.73	SALEM COUNTY 672	17151030	0.00	Green Street	2	0	0	1	0	1	18.20	YES	YES	County	925	29%	37%
551	16	SJTPO	SALEM	SALEM CITY	1700665	2.70	SALEM COUNTY 665	17121097	0.84	Grieves Parkway	2	0	0	1	0	1	18.20	YES	NO	County	1,382	86%	77%
551	16	SJTPO	SALEM	CARNEYS POINT TWP	0000551	4.37	ROUTE 551	1708104	0.17	Grant Avenue	2	0	0	1	0	1	18.20	YES	YES	County	775	25%	35%
551	16	SJTPO	SALEM	ALLOWAY TWP	1700611	3.61	SALEM COUNTY 611	1700672	1.64	Watson Mill Road	2	0	0	1	0	1	18.20	NO	NO	County	3,220	11%	9%
624	20	SJTPO	SALEM	WOODSTOWN BORO	1700616	1.11	SALEM COUNTY 616	1700672	6.78	Yorktown Road	8	0	0	0	1	7	17.85	YES	NO	County	1,127	14%	37%
625	21	SJTPO	SALEM	MANNINGTON TWP	1700657	2.90	SALEM COUNTY 657	N/A	N/A	N/A	1	0	0	1	0	0	17.20	YES	YES	County	647	34%	26%
625	21	SJTPO	SALEM	PITTSBORO TWP	1700655	4.28	SALEM COUNTY 655	1700690	5.38	Upper Neck Road	1	0	0	1	0	0	17.20	NO	YES	County	980	2%	11%
625	21	SJTPO	SALEM	PENNSVILLE TWP	17081219	0.60	RIVIERA RD	17081191	0.00	Lafayette Road	1	0	0	1	0	0	17.20	NO	YES	Municipal	1,063	13%	23%
625	21	SJTPO	SALEM	UPPER PITTSBORO TWP	0000553	33.60	ROUTE 553	17141012	2.09	Three Bridge Road	1	0	0	1	0	0	17.20	YES	NO	County	2,141	11%	24%
625	21	SJTPO	SALEM	CARNEYS POINT TWP	0000540	1.11	ROUTE 540	17131121	0.00	Orchard Road	1	0	0	1	0	0	17.20	YES	YES	County	647	34%	35%
625	21	SJTPO	SALEM	UPPER PITTSBORO TWP	0000581	12.19	ROUTE 581	1700660	5.50	Whig Lane Road	1	0	0	1	0	0	17.20	YES	NO	County	1,127	14%	23%
625	21	SJTPO	SALEM	QUINTON TWP	1700651	1.70	SALEM COUNTY 651	N/A	N/A	N/A	1	0	0	1	0	0	17.20	YES	NO	County	1,191	26%	34%
625	21	SJTPO	SALEM	QUINTON TWP	1700626	3.21	SALEM COUNTY 626	1700667	2.58	Hammersville-Pecks Corner Road	1	0	0	1	0	0	17.20	YES	NO	County	1,191	26%	34%
625	21	SJTPO	SALEM	OLDMANS TWP	0000551	9.26	ROUTE 551	1700641	3.55	Pennsgrove Auburn Road	1	0	0	1	0	0	17.20	YES	NO	County	1,578	25%	35%
625	21	SJTPO	SALEM	PENNSVILLE TWP	1708148	0.40	EATON RD	17081143	0.31	University Drive	1	0	0	1	0	0	17.20	YES	YES	Municipal	674	13%	39%
625	21	SJTPO	SALEM	LOWER ALLOWAYS CREEK TWP	1700650	0.00	SALEM COUNTY 650	1700658	6.85	Salem-Hancocks Bridge Road	1	0	0	1	0	0	17.20	NO	YES	County	528	19%	20%
625	21	SJTPO	SALEM	PIESGROVE TWP	1700615	2.54	SALEM COUNTY 615	17091004	1.12	Avis Mill Road	1	0	0	1	0	0	17.20	NO	NO	County	1,127	14%	9%
625	21	SJTPO	SALEM	WOODSTOWN BORO	17151004	0.20	BORTON DR	17151035	0.78	Lee Street	1	0	0	1	0	0	17.20	YES	YES	Municipal	925	29%	37%
625	21	SJTPO	SALEM	UPPER PITTSBORO TWP	0000581	11.00	ROUTE 581	1700619	0.79	Glassboro Road	1	0	0	1	0	0	17.20	YES	NO	County	1,127	14%	23%
836	35	SJTPO	SALEM	SALEM CITY	1700625	3.61	SALEM COUNTY 625	17121097	0.61	Grieves Parkway	5	0	0	0	1	4	14.85	YES	NO	County	1,382	86%	77%
836	35	SJTPO	SALEM	SALEM CITY	1700658	9.30	SALEM COUNTY 658	1700623	7.95	Grieves Parkway	5	0	0	0	1	4	14.85	YES	YES	County	308	86%	77%
850	37	SJTPO	SALEM	WOODSTOWN BORO	1700603	5.54	SALEM COUNTY 603	1700616	0.48	Bailey Street	4	0	0	0	1	3	13.85	YES	YES	County	925	29%	37%
879	38	SJTPO	SALEM	PENNSVILLE TWP	17081084	0.00	DELAWARE AV	17081080	0.48	Sparks Avenue	3	0	0	0	1	2	12.85	YES	YES	Municipal	674	21%	29%
879	38	SJTPO	SALEM	CARNEYS POINT TWP	1700607	0.35	SALEM COUNTY 607	17131086	0.11	Del-A-Vue Avenue	3	0	0	0	1	2	12.85	YES	NO	County	1,104	57%	39%
943	40	SJTPO	SALEM	SALEM CITY	1700623	7.77	SALEM COUNTY 623	17121023	0.00	Kent Street	2	0	0	0	1	1	11.85	YES	YES	County	308	86%	77%
943	40	SJTPO	SALEM	PENNSVILLE TWP	17081025	0.00	LIPPINCOTT AV	0000049	0.21	Marginal Road	2	0	0	0	1	1	11.85	YES	YES	Municipal	775	25%	35%
943	40	SJTPO	SALEM	OLDMANS TWP	1700641	4.64	SALEM COUNTY 641	17061016	1.76	Stumpy Road	2	0	0	0	1	1	11.85	YES	NO	County	1,578	25%	35%
943	40	SJTPO	SALEM	PITTSBORO TWP	0000540	30.70	ROUTE 540	1700638	0.61	Gershal Avenue	2	0	0	0	1	1	11.85	YES	YES	County	744	59%	27%
943	40	SJTPO	SALEM	SALEM CITY	1700625	3.84	SALEM COUNTY 625	17121067	0.09	Wesley Street	2	0	0	0	1	1	11.85	YES	YES	County	647	86%	77%
943	40	SJTPO	SALEM	SALEM CITY	1700658	9.72	SALEM COUNTY 658	N/A	N/A	N/A	2	0	0	0	1	1	11.85	YES	YES	County	308	86%	77%
1060	46	SJTPO	SALEM	CARNEYS POINT TWP	17131010	0.00	CLEVELAND AV	00000130	2.40	Shell Road	1	0	0	0	1	0	10.85	YES	YES	Municipal	722	53%	35%
1060	46	SJTPO	SALEM	PIESGROVE TWP	1700617	2.10	SALEM COUNTY 617	17091011	2.52	Lincoln Road	1	0	0	1	0	0	10.85	NO	NO	County	1,286	9%	11%
1060	46	SJTPO	SALEM	SALEM CITY	17121097	0.49	FRONT ST	17121050	0.17	Oak Street	1	0	0	0	1	0	10.85	YES	NO	Municipal	1,382	86%	77%
1060	4																						