

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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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
		road_sys_code	Road System	IN ('05', '06', '07', '08')	05 - County; 06 - County Authority; 07 - Municipal; 08 - Municipal Authority Park or Institution
	OR	intersection	At Intersection	IS 'Y'	Y - Yes
		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

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%

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. The New Jersey Department of Transportation, its officers, employees or agents shall not be liable for damages or losses of any kind arising out of or in connection with the use or performance of information, including but not limited to, damages or losses caused by reliance upon the accuracy or timeliness of any such information, or damages incurred from the viewing, distributing, or copying of these materials. The materials and information provided herein are provided "as is." No warranty of any kind, implied, expressed, or statutory, including but not limited to the warranties of non-infringement of third party rights, title, merchantability, fitness for a particular purpose, and freedom from computer virus, is given with respect to the contents of this Networks Screening List or its hyperlinks to other internet resour

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?	NIDOT SLD - Lane Count	NIDOT SLD - Roadway Jurisdiction	NIDOT 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											
43	1	SJTPO	SALEM	PILESGROVE TWP	17000672	3.20	4.20	1.00	SALEM COUNTY 672	1	0	1	0	0	0	56.92	5.247	NO	NO	2	County	Major Collector	None	1,127	14%	9%
43	1	SJTPO	SALEM	PITTSBGROVE TWP	00000540	30.20	31.20	1.00	ROUTE 540	1	0	1	0	0	0	56.92	5.247	YES	YES	2	County	Major Collector	None	744	64%	27%
43	1	SJTPO	SALEM	ALLOWAY TWP	17000657	6.00	6.25	0.25	SALEM COUNTY 657	1	0	1	0	0	0	56.92	5.247	NO	NO	2	County	Major Collector	None	3,220	11%	9%
138	4	SJTPO	SALEM	PENNSVILLE TWP	00000551	3.19	4.19	1.00	ROUTE 551	1	0	0	1	0	0	17.20	1.585	YES	YES	2	County	Minor Arterial	None	647	34%	35%
138	4	SJTPO	SALEM	OLDMANS TWP	00000551	10.40	11.40	1.00	ROUTE 551	1	0	0	1	0	0	17.20	1.585	NO	NO	2	County	Major Collector	None	1,760	16%	18%
138	4	SJTPO	SALEM	PENNSVILLE TWP	0000049	3.80	4.80	1.00	NI 49	1	0	0	1	0	0	17.20	1.585	YES	YES	2	N.J.D.O.T.	Principal Arterial - Other	None	674	23%	39%
138	4	SJTPO	SALEM	SALEM CITY	17121056	0.20	0.31	0.11	THOMPSON ST	1	0	0	1	0	0	17.20	1.585	YES	YES	2	Municipal	Local	None	647	86%	77%
255	8	SJTPO	SALEM	PILESGROVE TWP	17000616	0.23	1.11	0.88	SALEM COUNTY 616	1	0	0	0	1	0	10.85	1.000	YES	YES	2	County	Major Collector	None	925	29%	37%
255	8	SJTPO	SALEM	UPPER PITTSBGROVE TWP	17000648	1.44	2.44	1.00	SALEM COUNTY 648	1	0	0	0	1	0	10.85	1.000	YES	YES	2	County	Minor Collector	None	722	13%	24%
255	8	SJTPO	SALEM	CARNEYS POINT TWP	00000040	6.20	7.20	1.00	US 40	1	0	0	0	1	0	10.85	1.000	YES	NO	2	N.J.D.O.T.	Principal Arterial - Other	None	1,578	25%	35%
255	8	SJTPO	SALEM	UPPER PITTSBGROVE TWP	17000611	12.70	13.37	0.67	SALEM COUNTY 611	1	0	0	0	1	0	10.85	1.000	YES	NO	2	County	Minor Collector	None	1,058	21%	38%
255	8	SJTPO	SALEM	PENNSVILLE TWP	17081134	0.00	0.22	0.22	5TH ST	1	0	0	0	1	0	10.85	1.000	YES	YES	2	Municipal	Local	None	674	21%	29%
255	8	SJTPO	SALEM	OLDMANS TWP	17000641	0.77	1.77	1.00	SALEM COUNTY 641	1	0	0	0	1	0	10.85	1.000	YES	NO	2	County	Minor Collector	None	1,311	83%	54%
255	8	SJTPO	SALEM	PITTSBGROVE TWP	17000638	0.00	1.00	1.00	SALEM COUNTY 638	1	0	0	0	1	0	10.85	1.000	YES	YES	2	County	Local	None	744	59%	27%
255	8	SJTPO	SALEM	PENNSVILLE TWP	0000049	0.20	1.20	1.00	NI 49	1	0	0	0	1	0	10.85	1.000	YES	YES	2	N.J.D.O.T.	Principal Arterial - Other	None	775	25%	35%
333	16	SJTPO	SALEM	PITTSBGROVE TWP	17000610	0.30	1.30	1.00	SALEM COUNTY 610	1	0	0	0	0	1	1.00	0.000	NO	NO	2	County	Minor Collector	None	2,207	6%	17%
333	16	SJTPO	SALEM	CARNEYS POINT TWP	17131103	0.00	0.14	0.14	NORMAN AV	1	0	0	0	0	1	1.00	0.000	YES	YES	2	Municipal	Local	None	515	83%	72%
333	16	SJTPO	SALEM	UPPER PITTSBGROVE TWP	17141014	0.48	0.94	0.46	TAYLORS RD	1	0	0	0	0	1	1.00	0.00	YES	NO	2	Municipal	Local	None	1,058	21%	38%
333	16	SJTPO	SALEM	SALEM CITY	17121087	0.10	0.14	0.04	WARD ST	1	0	0	0	0	1	1.00	0.00	YES	YES	2	Municipal	Local	None	647	86%	77%