

New Jersey Network Screening Lists, 2023

SJTPO - Pedestrian/Bicycle Intersection List (2016-2020 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 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
		intersection	At Intersection	= 'Y'	Y - Yes
		crash_type	Crash Type	IN ('13', '14')	13 - Pedestrian; 14 - Pedacyclist
	OR	ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
	cyclist_involved	Cyclist Involved	> 0	At least one pedacyclist involved	

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 resources.

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

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

$$eC_{TOTAL} = [K]^* [eC_K] + [A]^* [eC_A] + [B]^* [eC_B] + [C]^* [eC_C] + [PDO]^* [0]$$

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

Rank (ePDO)	County Rank (ePDO)	MPO	County	Municipality	Major Route			Minor Route			Crashes by Severity (2017-2020)					Weighted Score (ePDO)	Weighted Score (eC)	Is EJ Area?	Is Census Block 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
74	1	SJTPO	SALEM	SALEM CITY	1700623	7.95	SALEM COUNTY 623	1700658	9.30	Yorke Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	308	86%	77%
74	1	SJTPO	SALEM	WOODSTOWN BORO	17151035	0.50	GRANDVIEW DR	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	NO	YES	Municipal	925	29%	18%
74	1	SJTPO	SALEM	PENNSVILLE TWP	17081219	0.60	RIVIERA RD	17081191	0.00	Lafayette Road	1	0	0	1	0	0	17.20	1.59	YES	NO	Municipal	1,063	13%	23%
74	1	SJTPO	SALEM	WOODSTOWN BORO	00000040	11.00	US 40	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	N.J.D.O.T.	925	29%	37%
74	1	SJTPO	SALEM	PENNSVILLE TWP	00000049	2.30	NJ 49	17081023	0.00	West Pittsfield Street	1	0	0	1	0	0	17.20	1.59	YES	YES	N.J.D.O.T.	674	21%	29%
74	1	SJTPO	SALEM	SALEM CITY	1700623	7.77	SALEM COUNTY 623	17121023	0.00	Kent Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	308	86%	77%
74	1	SJTPO	SALEM	PENNSVILLE TWP	17081159	0.80	KANSAS RD	17081174	0.00	Birch Drive	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	758	13%	39%
74	1	SJTPO	SALEM	PENNSVILLE TWP	17081221	0.10	MONROE ST	17081225	0.05	Vanburden Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	722	25%	35%
208	9	SJTPO	SALEM	SALEM CITY	1700665	3.00	SALEM COUNTY 665	17121067	0.25	Wesley Street	1	0	0	0	1	0	10.85	1.00	YES	NO	County	1,382	86%	77%
208	9	SJTPO	SALEM	SALEM CITY	1700658	9.30	SALEM COUNTY 658	1700623	7.95	Grievous Parkway	1	0	0	0	1	0	10.85	1.00	YES	YES	County	308	86%	77%
208	9	SJTPO	SALEM	PENNSVILLE TWP	00000049	1.80	NJ 49	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	N.J.D.O.T.	674	21%	29%
363	12	SJTPO	SALEM	PENNSVILLE TWP	17081113	0.20	ENLOW PL	N/A	N/A	N/A	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	674	21%	29%