

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)

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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 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
OR		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 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.

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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	-

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

$$eC_{TOTAL} = [K]^* [eC_c] + [A]^* [eC_a] + [B]^* [eC_b] + [C]^* [eC_c] + [PDO]^* [0]$$

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	EIScreen - Census Block Group Population (Lowest Value)	EIScreen - Minority % (Highest)	EIScreen - Low-Income % (Highest Value)
					SRI	Milepost	Route Name	SRI	Milepost	Route Name	Total Crashes	K	A	B	C	O								
7	1	SITPO	CUMBERLAND	VINELAND CITY	06141356	0.76	WOOD ST	06141347	1.02	North Third Street	1	0	1	0	0	0	56.92	5.25	YES	YES	Municipal	657	97%	76%
7	1	SITPO	CUMBERLAND	MILLVILLE CITY	00000555	11.76	ROUTE 555	06101335	0.00	Whitaker Avenue	1	0	1	0	0	0	56.92	5.25	YES	NO	County	1,398	50%	49%
7	1	SITPO	CUMBERLAND	VINELAND CITY	06141025	2.34	EAST AVE	06141448	0.00	Hamilton Drive	1	1	0	0	0	0	56.92	5.25	YES	NO	Municipal	1,316	97%	60%
45	4	SITPO	CUMBERLAND	VINELAND CITY	06141025	2.42	EAST AVE	06141439	1.13	Hendee Road	2	0	0	1	1	0	28.04	2.59	YES	NO	Municipal	1,316	97%	60%
45	4	SITPO	CUMBERLAND	VINELAND CITY	06141351	0.80	PLUM ST	06141362	1.15	Seventh Street	2	0	0	1	1	0	28.04	2.59	YES	YES	Municipal	657	97%	63%
74	6	SITPO	CUMBERLAND	BRIDGETON CITY	06011181	0.00	LAUREL ST	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	823	97%	90%
74	6	SITPO	CUMBERLAND	BRIDGETON CITY	00000552	0.07	ROUTE 552	00000077	0.52	Pearl Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	823	95%	90%
74	6	SITPO	CUMBERLAND	VINELAND CITY	06000681	3.76	CUMBERLAND COUNTY 681	06141267	0.00	Hadsell Avenue	1	0	0	1	0	0	17.20	1.59	YES	NO	County	1,152	81%	37%
74	6	SITPO	CUMBERLAND	MILLVILLE CITY	06101253	0.00	BROAD ST	06101123	1.21	Columbia Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	585	81%	71%
74	6	SITPO	CUMBERLAND	VINELAND CITY	06141380	0.00	WALNUT RD	06141580	2.22	South East Boulevard	1	0	0	1	0	0	17.20	1.59	YES	NO	Municipal	1,031	93%	76%
74	6	SITPO	CUMBERLAND	MILLVILLE CITY	06101218	0.00	HENDERSON AV	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	NO	Municipal	1,040	75%	47%
74	6	SITPO	CUMBERLAND	MILLVILLE CITY	06101229	0.30	FIFTH ST	00000525	0.16	Broad Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	585	81%	71%
74	6	SITPO	CUMBERLAND	MILLVILLE CITY	06101010	0.40	HIGH ST	06101251	0.68	Oak Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	585	81%	71%
74	6	SITPO	CUMBERLAND	VINELAND CITY	06000672	0.82	CUMBERLAND COUNTY 672	06141029	3.58	Chestnut Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	581	51%	48%
74	6	SITPO	CUMBERLAND	MILLVILLE CITY	06000670	12.65	CUMBERLAND COUNTY 670	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	County	958	60%	60%
74	6	SITPO	CUMBERLAND	VINELAND CITY	06141025	1.40	EAST AVE	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	657	93%	69%
74	6	SITPO	CUMBERLAND	VINELAND CITY	06141024	0.80	N WEST AVE	06141350	0.49	West Peach Street	1	0	0	1	0	0	17.20	1.59	YES	NO	Municipal	1,316	97%	76%
74	6	SITPO	CUMBERLAND	VINELAND CITY	060006155	3.55	CUMBERLAND COUNTY 615 5	06141350	0.00	West Peach Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	657	97%	63%
208	20	SITPO	CUMBERLAND	VINELAND CITY	00000540	34.49	ROUTE 540	06141363	1.38	Seventh Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	657	97%	63%
208	20	SITPO	CUMBERLAND	BRIDGETON CITY	00000552	0.30	ROUTE 552	06011156	0.41	East Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	823	95%	90%
208	20	SITPO	CUMBERLAND	BRIDGETON CITY	00000049	25.40	NI 49	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	N.J.D.O.T.	823	97%	90%
208	20	SITPO	CUMBERLAND	VINELAND CITY	06000681	0.61	CUMBERLAND COUNTY 681	06141202	2.76	North Mill Road	1	0	0	0	1	0	10.85	1.00	YES	YES	County	744	64%	15%
208	20	SITPO	CUMBERLAND	MILLVILLE CITY	06101237	0.70	FOURTH ST	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	585	81%	71%
208	20	SITPO	CUMBERLAND	UPPER DEERFIELD TWP	06000612	3.99	CUMBERLAND COUNTY 612	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	County	556	19%	36%
208	20	SITPO	CUMBERLAND	BRIDGETON CITY	06000697	0.10	CUMBERLAND COUNTY 697	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	County	823	93%	73%
208	20	SITPO	CUMBERLAND	MILLVILLE CITY	06101249	0.00	SIXTH ST	00000525	0.24	Broad Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	585	81%	71%
208	20	SITPO	CUMBERLAND	VINELAND CITY	06141362	0.20	SEVENTH ST	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	657	93%	69%
208	20	SITPO	CUMBERLAND	MILLVILLE CITY	06101272	0.00	FOUNDRY ST	00000047	40.98	North Second Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	585	61%	71%
208	20	SITPO	CUMBERLAND	MILLVILLE CITY	06101010	0.13	HIGH ST	06101256	0.12	14th Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	585	81%	71%
208	20	SITPO	CUMBERLAND	VINELAND CITY	00000555	16.56	ROUTE 555	00000540	36.10	Main Road	1	0	0	0	1	0	10.85	1.00	YES	NO	County	1,152	68%	39%
208	20	SITPO	CUMBERLAND	MILLVILLE CITY	00000555	11.45	ROUTE 555	06101181	0.19	Overbrook Avenue	1	0	0	0	1	0	10.85	1.00	YES	YES	County	855	52%	71%
208	20	SITPO	CUMBERLAND	VINELAND CITY	00000555	16.30	ROUTE 555	06141406	0.38	Roberts Boulevard	1	0	0	0	1	0	10.85	1.00	YES	NO	County	1,031	74%	69%
208	20	SITPO	CUMBERLAND	MILLVILLE CITY	06101010	0.60	HIGH ST	06101269	0.49	Powell Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	585	81%	71%
208	20	SITPO	CUMBERLAND	VINELAND CITY	06141347	1.00	THIRD ST	06141356	0.76	Wood Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	657	97%	76%
208	20	SITPO	CUMBERLAND	VINELAND CITY	06141580	3.01	SOUTH EAST BLVD	06141357	0.51	Montrose Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	657	97%	63%
208	20	SITPO	CUMBERLAND	MILLVILLE CITY	00000555	10.58	ROUTE 555	06101246	0.15	D Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	585	81%	71%
208	20	SITPO	CUMBERLAND	MILLVILLE CITY	06101229	0.50	FIFTH ST	06101254	0.23	Vine Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	585	81%	71%
208	20	SITPO	CUMBERLAND	MILLVILLE CITY	06000667	0.60	CUMBERLAND COUNTY 667	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	YES	County	845	61%	71%
208	20	SITPO	CUMBERLAND	VINELAND CITY	06141029	1.30	CHESTNUT AVE	06141365	0.88	Eighth Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	657	93%	69%
208	20	SITPO	CUMBERLAND	VINELAND CITY	00000555	17.37	ROUTE 555	06141439	0.00	Sharp Road	1	0	0	0	1	0	10.85	1.00	YES	NO	County	1,152	53%	37%
208	20	SITPO	CUMBERLAND	VINELAND CITY	06141348	0.50	LA FRANCE ST	06141351	0.36	Plum Street	1	0	0	0	1	0	10.85	1.00	YES	YES	Municipal	657	97%	76%
208	20	SITPO	CUMBERLAND	VINELAND CITY	060006155	3.60	CUMBERLAND COUNTY 615 5	06141633	0.24	South Pear Street	1	0	0	0	1	0	10.85	1.00	YES	YES	County	657	97%	63%
363	43	SITPO	CUMBERLAND	VINELAND CITY	06141029	1.10	CHESTNUT AVE	N/A	N/A	N/A	1	0	0	0	1	1	1.00	0.00	YES	YES	Municipal	657	93%	69%
363	43	SITPO	CUMBERLAND	MILLVILLE CITY	06000678	0.68	CUMBERLAND COUNTY 678	00000525	0.95	Broad Street	1	0	0	0	0	1	1.00	0.00	YES	YES	County	780	50%	49%
363	43	SITPO	CUMBERLAND	MILLVILLE CITY	00000047	40.90	NI 47	N/A	N/A	N/A	1	0	0	0	0	1	1.00	0.00	YES	YES	N.J.D.O.T.	585	81	