

# New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian Intersection 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 ('02', '07', '09', '10', '12', '13', '14', '15', '16', '18', '19', '20', '21')	02 - Bergen; 07 - Essex; 09 - Hudson; 10 - Hunterdon; 12 - Middlesex; 13 - Monmouth; 14 - Morris; 15 - Ocean; 16 - Passaic; 18 - Somerset; 19 - Sussex; 20 - Union; 21 - Warren
	OR	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
	AND	crash_type	Crash Type	= '13'	13 - Pedestrian
		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
	OR	cyclist_involved	Cyclist Involved	= 0 OR IS NULL	No 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	-

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

$eC_{TOTAL} = [K]*[eC_A]+[A]*[eC_B]+[B]*[eC_C]+[C]*[eC_O]+[PDO]*[O]$

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 Group Pop. < 1,000?	NJDOT SLD - Roadway Jurisdiction of Major Route	EIScreen - Census Block Group Population (Lowest Value)	EIScreen - Minority % (Highest Value)	EIScreen - Low-Income % (Highest Value)
					SRI	Milepost	Route Name	SRI	Milepost	Route Name	Total Crashes	K	A	B	C								
6	1	NJTPA	SOMERSET	BOUND BROOK BORO	0000527	53.48	ROUTE 527	18041079	0.00	Hamilton Street	5	1	1	1	2	0	152.73	14.08	YES	County	602	88%	43%
131	2	NJTPA	SOMERSET	BERNARDS TWP	18000613	2.25	SOMERSET COUNTY 613	18021289	1.64	Lake Road	2	0	1	0	1	0	67.76	6.25	YES	County	1,829	23%	24%
131	2	NJTPA	SOMERSET	MANVILLE BORO	0000533	28.47	ROUTE 533	18111051	0.64	South Street	2	1	0	0	1	0	67.76	6.25	YES	County	814	64%	57%
188	4	NJTPA	SOMERSET	MANVILLE BORO	0000533	28.59	ROUTE 533	18101364	1.43	Brooks Boulevard	4	0	0	3	1	0	62.44	5.76	YES	County	814	64%	57%
211	5	NJTPA	SOMERSET	RARITAN BORO	0000567	8.36	ROUTE 567	18161032	0.00	Woodmere Drive	1	1	0	0	0	0	56.92	5.25	YES	County	1,173	48%	28%
211	5	NJTPA	SOMERSET	BOUND BROOK BORO	18041077	1.34	E HIGH ST	00000028	7.03	Union Avenue	1	0	1	0	0	0	56.92	5.25	YES	Municipal	697	82%	30%
211	5	NJTPA	SOMERSET	BERNARDSVILLE BORO	18000652	2.20	SOMERSET COUNTY 652	N/A	N/A	N/A	1	1	0	0	0	0	56.92	5.25	YES	County	1,515	65%	11%
211	5	NJTPA	SOMERSET	NORTH PLAINFIELD BORO	0000531	9.91	ROUTE 531	18141142	0.25	Jennings Lane	1	0	1	0	0	0	56.92	5.25	YES	County	861	82%	42%
211	5	NJTPA	SOMERSET	FRANKLIN TWP	0000527	49.31	ROUTE 527	18081645	0.00	John F Kennedy Boulevard	1	1	0	0	0	0	56.92	5.25	YES	County	1,725	78%	11%
211	5	NJTPA	SOMERSET	MANVILLE BORO	18111055	0.00	5 6TH AVE	18111047	0.24	Washington Street	1	1	0	0	0	0	56.92	5.25	YES	Municipal	814	63%	57%
211	5	NJTPA	SOMERSET	FRANKLIN TWP	18081645	0.28	JFK BLVD	18081129	1.91	New Brunswick Road	1	0	1	0	0	0	56.92	5.25	YES	Municipal	1,799	78%	13%
211	5	NJTPA	SOMERSET	BOUND BROOK BORO	0000527	53.74	ROUTE 527	18041077	0.16	East High Street	1	0	1	0	0	0	56.92	5.25	YES	County	602	88%	43%
636	13	NJTPA	SOMERSET	RARITAN BORO	18000626	0.28	SOMERSET COUNTY 626	18161016	0.00	Thompson Street	2	0	0	2	0	0	34.39	3.17	YES	County	1,524	61%	28%
636	13	NJTPA	SOMERSET	FRANKLIN TWP	18000617	0.34	SOMERSET COUNTY 617	0000514	22.46	Hamilton Street	2	0	0	2	0	0	34.39	3.17	YES	County	1,524	61%	28%
770	15	NJTPA	SOMERSET	NORTH PLAINFIELD BORO	18000636	1.80	SOMERSET COUNTY 636	18141138	0.00	Grove Street	3	0	0	1	1	1	29.04	2.59	YES	County	1,209	82%	47%
787	16	NJTPA	SOMERSET	SOMERVILLE BORO	18181556	0.93	S BRIDGE ST	18181099	0.48	East High Street	2	0	0	1	1	0	28.04	2.59	NO	Municipal	419	75%	35%
787	16	NJTPA	SOMERSET	NORTH PLAINFIELD BORO	0000531Z	0.95	ROUTE 531 Z	18141124	0.17	Jackson Avenue	2	0	0	1	1	0	28.04	2.59	YES	Municipal	1,122	100%	74%
787	16	NJTPA	SOMERSET	NORTH PLAINFIELD BORO	18000636	0.92	SOMERSET COUNTY 636	18000649	0.61	West End Avenue	2	0	0	1	1	0	28.04	2.59	YES	County	984	98%	45%
1035	19	NJTPA	SOMERSET	BOUND BROOK BORO	0000527	53.60	ROUTE 527	0000533	32.36	Main Street	2	0	0	2	0	0	21.70	2.00	YES	County	602	88%	43%
1251	20	NJTPA	SOMERSET	SOMERVILLE BORO	18181101	0.00	VETERANS MEMORIAL DR W	18181100	0.00	Veterans Memorial Drive East	2	0	0	1	0	1	18.20	1.59	YES	Municipal	419	75%	35%
1295	21	NJTPA	SOMERSET	NORTH PLAINFIELD BORO	18141094	0.30	SUMMIT AVE	18141126	0.27	Westervelt Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	861	94%	49%
1295	21	NJTPA	SOMERSET	MONTGOMERY TWP	18131286	0.30	YORK DR	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	NO	Municipal	1,591	35%	11%
1295	21	NJTPA	SOMERSET	BERNARDS TWP	0000512	20.52	ROUTE 512	18000613	0.00	Stonehouse Road	1	0	0	1	0	0	17.20	1.59	NO	County	912	33%	14%
1295	21	NJTPA	SOMERSET	BRIDGEWATER TWP	18061622	0.00	BURR ST	18061620	0.24	Huntley Way	1	0	0	1	0	0	17.20	1.59	YES	Municipal	1,725	64%	12%
1295	21	NJTPA	SOMERSET	SOMERVILLE BORO	18181556	0.67	S BRIDGE ST	18181100	0.00	Veterans Memorial Drive East	1	0	0	1	0	0	17.20	1.59	YES	Municipal	419	75%	35%
1295	21	NJTPA	SOMERSET	SOMERVILLE BORO	18181099	0.48	W HIGH ST	18181556	0.93	South Bridge Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	419	75%	35%
1295	21	NJTPA	SOMERSET	WARREN TWP	0000527	58.94	ROUTE 527	18201078	0.00	Old Sterling Road	1	0	0	1	0	0	17.20	1.59	YES	County	2,004	56%	10%
1295	21	NJTPA	SOMERSET	HILLSBOROUGH TWP	18101019	0.56	AUTEN RD	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	Municipal	486	68%	19%
1295	21	NJTPA	SOMERSET	BERNARDS TWP	18000640	2.16	SOMERSET COUNTY 640	18021040	0.00	Lyons Place	1	0	0	1	0	0	17.20	1.59	NO	County	1,132	33%	12%
1295	21	NJTPA	SOMERSET	BRIDGEWATER TWP	18061551	2.14	FOOTHILL RD	18061123	0.64	Somerville Road	1	0	0	1	0	0	17.20	1.59	NO	Municipal	1,163	32%	3%
1295	21	NJTPA	SOMERSET	SOMERVILLE BORO	18181050	0.23	DAVENPORT ST	18181080	0.34	East Orchard Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	419	75%	35%
1295	21	NJTPA	SOMERSET	FRANKLIN TWP	0000514	23.66	ROUTE 514	18081366	1.06	Hawthorne Drive	1	0	0	1	0	0	17.20	1.59	YES	County	397	93%	87%
1295	21	NJTPA	SOMERSET	MANVILLE BORO	0000533	28.42	ROUTE 533	18111059	0.12	Dakota Street	1	0	0	1	0	0	17.20	1.59	YES	County	814	64%	57%
1295	21	NJTPA	SOMERSET	BERNARDS TWP	18000613	3.04	SOMERSET COUNTY 613	18021116	0.06	Henry Street	1	0	0	1	0	0	17.20	1.59	YES	County	1,829	24%	18%
1295	21	NJTPA	SOMERSET	SOUTH BOUND BROOK BORO	0000527	52.88	ROUTE 527	18191023	0.16	Cherry Street	1	0	0	1	0	0	17.20	1.59	YES	County	602	88%	43%
1295	21	NJTPA	SOMERSET	BRIDGEWATER TWP	18181556	1.63	S BRIDGE ST	18061006	0.00	North Bridge Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	419	75%	35%
1295	21	NJTPA	SOMERSET	NORTH PLAINFIELD BORO	0000531	9.51	ROUTE 531	18000642	0.12	Mountain Avenue	1	0	0	1	0	0	17.20	1.59	YES	County	861	82%	47%
2432	38	NJTPA	SOMERSET	HILLSBOROUGH TWP	0000514	13.21	ROUTE 514	0000206	65.42	Disabled American Veterans Highway	1	0	0	0	1	0	10.85	1.00	NO	YES	486	44%	19%
2432	38	NJTPA	SOMERSET	NORTH PLAINFIELD BORO	0000531Z	0.78	ROUTE 531 Z	18141093	0.52	Grandview Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	1,122	100%	73%
2432	38	NJTPA	SOMERSET	NORTH PLAINFIELD BORO	0000531Z	1.01	ROUTE 531 Z	18141081	0.00	Manning Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	1,122	100%	74%
2432	38	NJTPA	SOMERSET	MANVILLE BORO	18101363	1.80	CAMPLAIN RD	18111052	0.20	South 3rd Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	814	63%	57%
2432	38	NJTPA	SOMERSET	GREEN BROOK TWP	18091074	0.08	SEBRING MILL RD	0000022	40.04	US 22	1	0	0	0	1	0	10.85	1.00	YES	Municipal	866	76%	48%
2432	38	NJTPA	SOMERSET	RARITAN BORO	18161013	0.10	BELL AVE	18161062	0.07	Thompson Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	1,382	50%	35%
2432	38	NJTPA	SOMERSET	NORTH PLAINFIELD BORO	0000531	9.02	ROUTE 531	18141136	0.96	Chatham Street	1	0	0	0	1	0	10.85	1.00	YES	County	1,122	100%	74%
2432	38	NJTPA	SOMERSET	NORTH PLAINFIELD BORO	0000531	8.91	ROUTE 531	18141078	0.00	Warren Street	1	0	0	0	1	0	10.85	1.00	YES	County	1,122		