





# New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian Corridor List (2016-2020 Crashes)

Developed by GPI for the New Jersey Department of Transportation (NJDOT)

Print Date: Friday, November 3, 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 ('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
		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	= '13'	13 - Pedestrian
		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
		cyclist_involved	Cyclist Involved	= 0 OR IS NULL	No bicyclists 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	-

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

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

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 resources.

Rank (ePDO)	Newark City 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?	NJDOT SLD - Lane Count	NJDOT SLD - Roadway Jurisdiction	NJDOT 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
1655	147	NJTPA	ESSEX	NEWARK CITY	07141700	0.00	0.22	0.22	PLYMOUTH ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	369	100%	82%
1655	147	NJTPA	ESSEX	NEWARK CITY	07141076	0.20	0.61	0.41	CUSTER AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	Unknown	388	100%	91%
1655	147	NJTPA	ESSEX	NEWARK CITY	07141602	0.20	0.21	0.01	HINSDALE PL	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	652	100%	81%
1655	147	NJTPA	ESSEX	NEWARK CITY	07141400	0.10	0.29	0.19	BACKUS ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	907	100%	64%
1655	147	NJTPA	ESSEX	NEWARK CITY	07141364	0.40	0.46	0.06	TICHENDOR ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	352	100%	94%
1655	147	NJTPA	ESSEX	NEWARK CITY	07141598	0.07	0.14	0.07	PEABODY ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	Painted Median	652	100%	71%
1655	147	NJTPA	ESSEX	NEWARK CITY	07141114	0.00	0.24	0.24	W. ALPINE ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	Painted Median	202	100%	94%
1655	147	NJTPA	ESSEX	NEWARK CITY	07141693	0.00	0.08	0.08	FERDINAND ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	369	100%	74%
1655	147	NJTPA	ESSEX	NEWARK CITY	07141928	0.09	1.09	1.00	LAKE ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Major Collector	None	633	100%	88%
1655	147	NJTPA	ESSEX	NEWARK CITY	07141627	0.10	0.28	0.18	ABINGTON AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	652	100%	81%
1655	147	NJTPA	ESSEX	NEWARK CITY	07141844	1.36	2.13	0.77	FERRY ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Principal Arterial - Other	None	197	100%	93%
1655	147	NJTPA	ESSEX	NEWARK CITY	07141165	0.53	1.00	0.47	LESLIE ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	249	100%	72%
1655	147	NJTPA	ESSEX	NEWARK CITY	07141228	0.30	0.36	0.06	FAIRMOUNT AVE	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	454	100%	97%
1655	147	NJTPA	ESSEX	NEWARK CITY	07141290	0.10	0.31	0.21	FRANKLIN ST	1	0	0	0	1	0	10.848	1	YES	YES	2	Municipal	Local	None	645	100%	100%
2405	205	NJTPA	ESSEX	NEWARK CITY	07141252	0.00	0.64	0.64	HUNTERDON ST	2	0	0	0	0	2	2.000	0	YES	YES	2	Municipal	Local	Unknown	202	100%	97%
2405	205	NJTPA	ESSEX	NEWARK CITY	07141456	0.40	0.43	0.03	BRILL ST	2	0	0	0	0	2	2.000	0	YES	YES	2	Municipal	Local	None	197	100%	93%
2413	207	NJTPA	ESSEX	NEWARK CITY	07051671	0.60	0.89	0.29	1ST AVE	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Minor Collector	Painted Median	422	100%	76%
2413	207	NJTPA	ESSEX	NEWARK CITY	07141212	0.23	0.72	0.49	S. 15TH ST	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	None	331	100%	98%
2413	207	NJTPA	ESSEX	NEWARK CITY	07141152	0.34	0.55	0.21	PARKVIEW TER	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	Painted Median	249	100%	72%
2413	207	NJTPA	ESSEX	NEWARK CITY	07141282	0.00	0.22	0.22	HOWARD ST	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	Barrier Median	454	100%	100%
2413	207	NJTPA	ESSEX	NEWARK CITY	07141501	0.00	0.13	0.13	ESSEX ST	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	None	633	100%	100%
2413	207	NJTPA	ESSEX	NEWARK CITY	07141410	0.30	0.51	0.21	NEW YORK AVE	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	Unknown	916	100%	64%
2413	207	NJTPA	ESSEX	NEWARK CITY	07141327	0.00	0.09	0.09	SCOTT ST	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	Painted Median	352	100%	83%
2413	207	NJTPA	ESSEX	NEWARK CITY	07141220	0.43	1.27	0.84	S. 20TH ST	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	None	331	100%	98%
2413	207	NJTPA	ESSEX	NEWARK CITY	07141310	0.08	0.24	0.16	ACADEMY ST	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	Unknown	718	100%	100%
2413	207	NJTPA	ESSEX	NEWARK CITY	07141231	0.27	0.49	0.22	CAMDEN ST	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	Unknown	202	100%	97%
2413	207	NJTPA	ESSEX	NEWARK CITY	07141211	0.50	0.71	0.21	S. 15TH ST	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	Painted Median	331	100%	98%
2413	207	NJTPA	ESSEX	NEWARK CITY	07141711	0.50	0.61	0.11	SUNSET ST	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	None	417	100%	74%
2413	207	NJTPA	ESSEX	NEWARK CITY	07141089	0.20	0.44	0.24	SCHUYLER AVE	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	None	388	100%	91%
2413	207	NJTPA	ESSEX	NEWARK CITY	07141666	0.19	0.50	0.31	3RD AVE	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	None	422	100%	80%
2413	207	NJTPA	ESSEX	NEWARK CITY	07141239	0.00	0.09	0.09	13TH AVE	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	Unknown	454	100%	97%
2413	207	NJTPA	ESSEX	NEWARK CITY	07141325	0.00	0.44	0.44	ORCHARD ST	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	None	352	100%	83%
2413	207	NJTPA	ESSEX	NEWARK CITY	07141528	0.20	0.21	0.01	MORRIS AVE	1	0	0	0	0	1	1.000	0	YES	YES	2	Municipal	Local	None	454	100%	100%