

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian 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 ('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
Safety Voyager Accidents Table	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
Safety Voyager Accidents Table	OR	crash_type	Crash Type	= '13'	13 - Pedestrian
		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
Safety Voyager Accidents Table	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	-

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

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

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 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								
1	2	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.47	ESSEX COUNTY 603	07091006	0.00	Maple Avenue	25	0	4	1	15	5	412.58	37.57	YES	County	331	100%	98%
2	2	NJTPA	ESSEX	EAST ORANGE CITY	00000508	7.95	ROUTE 508	07191831	1.46	South Harrison Street	9	1	1	1	3	3	166.57	15.08	YES	County	418	100%	72%
3	3	NJTPA	ESSEX	NEWARK CITY	00000510	29.42	ROUTE 510	07141914	0.33	Park Place	11	0	1	2	6	2	158.40	14.42	YES	Municipal	718	100%	69%
4	4	NJTPA	ESSEX	NEWARK CITY	00000510	29.27	ROUTE 510	07141865	1.33	Broad Street	6	0	2	1	2	1	153.73	14.08	YES	Municipal	718	100%	100%
5	5	NJTPA	ESSEX	MONTCLAIR TWP	07000655	1.63	ESSEX COUNTY 655	07131116	0.40	North Fullerton Avenue	4	0	2	2	0	0	148.23	13.66	YES	County	496	53%	29%
6	6	NJTPA	ESSEX	NEWARK CITY	00000510	28.84	ROUTE 510	07141904	0.85	Dr Martin Luther King Jr Boulevard	10	0	1	0	8	1	144.70	13.25	YES	Municipal	454	100%	100%
7	7	NJTPA	ESSEX	NEWARK CITY	07141865	0.49	BROAD ST	07141121	0.00	Brunswick Street	6	0	1	3	2	0	130.20	12.00	YES	Municipal	352	100%	94%
8	8	NJTPA	ESSEX	NEWARK CITY	07141844	0.47	FERRY ST	07141908	0.12	Jackson Street	7	0	1	2	3	1	124.85	11.42	YES	Municipal	615	100%	93%
9	9	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.84	ESSEX COUNTY 603	07091101	0.20	Civic Sq	11	0	0	3	6	2	118.68	10.76	YES	County	553	100%	80%
10	10	NJTPA	ESSEX	MILLBURN TWP	00000527	71.19	ROUTE 527	00000527	0.92	Springfield Avenue	6	0	1	1	4	0	117.51	10.83	YES	County	670	62%	46%
11	11	NJTPA	ESSEX	NEWARK CITY	07141885	2.14	18TH AVE	07141895	2.02	Bergen Street	7	1	0	2	2	2	115.01	10.42	YES	Municipal	202	100%	97%
12	12	NJTPA	ESSEX	NEWARK CITY	07091882	0.48	AVON AVE	07141903	2.01	South 12th Street	6	0	1	2	2	1	114.01	10.42	YES	Municipal	331	100%	98%
13	13	NJTPA	ESSEX	NEWARK CITY	07141819	1.34	PORT ST	07141820	0.06	Doremus Avenue	2	0	2	0	0	0	113.83	10.49	YES	Municipal	1,391	88%	0%
14	13	NJTPA	ESSEX	NEWARK CITY	07141405	0.00	GARRISON ST	07141905	0.40	Wilson Avenue	2	0	2	0	0	0	113.83	10.49	YES	Municipal	1,127	94%	55%
15	13	NJTPA	ESSEX	NEWARK CITY	00000510	26.33	ROUTE 510	07051095	0.00	Sunnyside Trail	2	0	2	0	0	0	113.83	10.49	YES	County	417	100%	74%
16	13	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.39	ESSEX COUNTY 603	07091053	0.00	Bruen Avenue	7	1	0	0	5	1	112.16	10.25	YES	County	331	98%	98%
17	17	NJTPA	ESSEX	NEWARK CITY	07141865	1.33	BROAD ST	00000510	29.27	Market Street	5	0	1	1	3	0	106.66	9.83	YES	Municipal	718	100%	100%
18	18	NJTPA	ESSEX	NEWARK CITY	000005065	3.45	ROUTE 506 SPUR	07141900	3.36	Clifton Avenue	9	0	0	1	8	0	103.98	9.59	YES	County	633	100%	81%
19	19	NJTPA	ESSEX	NEWARK CITY	07000603	3.30	ESSEX COUNTY 603	07091883	1.48	Court Street	4	0	1	2	1	0	102.16	9.42	YES	County	202	100%	100%
20	19	NJTPA	ESSEX	MONTCLAIR TWP	07081356	0.53	GLENRIDGE AVE	07131014	0.00	Pine Street	4	0	1	2	1	0	102.16	9.42	YES	Municipal	464	98%	55%
21	19	NJTPA	ESSEX	NEWARK CITY	07141865	1.03	BROAD ST	07141290	0.16	Hill Street	4	0	1	2	1	0	102.16	9.42	YES	Municipal	718	100%	100%
22	22	NJTPA	ESSEX	NEWARK CITY	00000510	27.24	ROUTE 510	07141163	1.44	South 19th Street	5	0	1	0	4	0	100.31	9.25	YES	Municipal	369	100%	74%
23	22	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.81	ROUTE 508	07141876	0.64	South Munn Avenue	5	0	1	0	4	0	100.31	9.25	YES	County	48	100%	74%
24	24	NJTPA	ESSEX	NUTLEY TWP	07000645	2.69	ESSEX COUNTY 645	07000648	0.87	Centre Street	11	0	0	3	4	4	98.98	8.76	YES	County	585	62%	50%
25	25	NJTPA	ESSEX	NEWARK CITY	07141865	0.96	BROAD ST	07091883	2.24	Walnut Street	5	0	1	2	1	2	96.81	8.83	YES	Municipal	352	100%	83%
26	26	NJTPA	ESSEX	NEWARK CITY	07141844	0.28	FERRY ST	07141362	0.16	Jefferson Street	4	0	1	1	2	0	95.81	8.83	YES	Municipal	615	100%	93%
27	26	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.31	ROUTE 506	07131506	0.00	Church Street	4	0	1	1	2	0	95.81	8.83	YES	County	464	98%	55%
28	26	NJTPA	ESSEX	NEWARK CITY	00000510	29.10	ROUTE 510	07141916	0.78	Washington Street	4	0	1	1	2	0	95.81	8.83	YES	Municipal	718	100%	100%
29	29	NJTPA	ESSEX	NEWARK CITY	07141920	0.00	N 6TH ST	07000645	0.00	Franklin Avenue	8	0	0	4	2	2	92.48	8.34	YES	Municipal	652	99%	88%
30	30	NJTPA	ESSEX	ORANGE CITY	0711203	0.23	MAIN ST	07171029	0.64	North Day Street	7	0	0	4	2	1	91.48	8.34	YES	Municipal	464	100%	88%
31	30	NJTPA	ESSEX	NEWARK CITY	00000510	26.72	ROUTE 510	07091728	0.00	South Munn Avenue	6	0	1	0	3	2	91.46	8.25	YES	Municipal	399	100%	74%
32	32	NJTPA	ESSEX	NEWARK CITY	07141892	0.26	GRATON AVE	07141926	1.61	Mount Prospect Avenue	3	0	1	2	0	0	91.31	8.42	YES	Municipal	553	100%	71%
33	33	NJTPA	ESSEX	IRVINGTON TWP	07141885	0.90	18TH AVE	07091879	0.69	Eastern Parkway	5	0	1	0	3	1	90.46	8.25	YES	Municipal	331	100%	98%
34	33	NJTPA	ESSEX	NEWARK CITY	000005065	3.50	ROUTE 506 SPUR	07141926	0.17	Mount Prospect Avenue	5	1	0	0	3	1	90.46	8.25	YES	County	633	100%	81%
35	35	NJTPA	ESSEX	NEWARK CITY	07141235	0.00	14TH AVE	07141900	1.62	Jones Street	4	0	1	0	3	0	89.46	8.25	YES	Municipal	454	100%	100%
36	35	NJTPA	ESSEX	NEWARK CITY	07091881	1.30	CLINTON AVE	07141890	0.99	Osborne Terrace	4	0	1	0	3	0	89.46	8.25	YES	Municipal	202	100%	93%
37	35	NJTPA	ESSEX	NEWARK CITY	07000601	1.66	ESSEX COUNTY 601	07141159	0.17	Schley Avenue	4	1	0	0	3	0	89.46	8.25	YES	County	249	100%	72%
38	38	NJTPA	ESSEX	BELLEVILLE TWP	07000645	1.78	ESSEX COUNTY 645	07011282	1.11	Jorammon Street	4	0	1	1	1	1	85.96	7.83	YES	County	539	75%	27%
39	39	NJTPA	ESSEX	NUTLEY TWP	07161284	0.10	CHESTNUT ST	07161182	0.35	Vincent Place	3	0	1	1	1	0	84.96	7.83	YES	Municipal	585	48%	50%
40	39	NJTPA	ESSEX	SOUTH ORANGE TWP	00000510	25.40	ROUTE 510	07191831	0.00	Centre Street	3	0	1	1	1	0	84.96	7.83	YES	County	596	100%	59%
41	41	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	25.20	ROUTE 509	N/A	N/A	N/A	6	0	0	3	3	0	84.13	7.76	YES	County	467	75%	35%
42	41	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.20	ROUTE 508	07051129	1.23	Hulsted Street	6	0	0	3	3	0	84.13	7.76	YES	County	325	100%	72%
43	43	NJTPA	ESSEX	NEWARK CITY	07000667	1.24	ESSEX COUNTY 667	07141605	0.19	Delavan Avenue	7	0	0	1	6	0	82.28	7.59	YES	County	652	100%	71%
44	44	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.23	ESSEX COUNTY 603	07091821	0.76	Florence Avenue	5	0	0	4	1	0	79.64	7.34	YES	County	593	100%	80%
45	45	NJTPA	ESSEX	NEWARK CITY	07091881	2.60	CLINTON AVE	07141966	0.09	Thomas Street	4	1	0	0	2	1	79.61	7.25	YES	Municipal	352	100%	94%
46	46	NJTPA	ESSEX	SOUTH ORANGE TWP	00000510	24.56	ROUTE 510	07000638	2.22	Scotland Road	3	1	0	0	2	0	78.61	7.25	YES	County	984	50%	46%
47	46	NJTPA	ESSEX	NEWARK CITY	07141891	0.75	ELIZABETH AVE	07141073	0.00	Renner Street	3	0	1	0	2	0	78.61	7.25	YES	Municipal	460	100%	69%
48	46	NJTPA	ESSEX	NEWARK CITY	00000508	11.13	ROUTE 508	07141916	1.23	Washington Street	3	0	1	0	2	0	78.61	7.25	YES	Municipal	718	100%	100%
49	46	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.71	ROUTE 508	07051737	0.11	Freeman Avenue	3	0	1	0	2	0	78.61	7.25	YES	County	325	100%	74%
50	46	NJTPA	ESSEX	NEWARK CITY	07000667	1.10	ESSEX COUNTY 667	07141596	0.15	Chester Avenue	3	0	1	0	2	0	78.61	7.25	YES	County	652	100%	81%
51	46	NJTPA	ESSEX	NEWARK CITY	00000508	10.82	ROUTE 508	07141505	0.14	Summit													

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Crash Filtering Criteria

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		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	
OR		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 pedacyclist involved

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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	-

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

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

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 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								
193	92	NJTPA	ESSEX	EAST ORANGE CITY	00000510	26.21	ROUTE 510	07051823	0.00	South Clinton Street	5	0	0	1	4	0	60.59	5.59	YES	County	488	100%	74%
193	92	NJTPA	ESSEX	NEWARK CITY	07000658	2.94	ESSEX COUNTY 658	07141921	0.84	Roseville Avenue	5	0	0	1	4	0	60.59	5.59	YES	Municipal	454	100%	80%
193	92	NJTPA	ESSEX	NEWARK CITY	00000510	28.00	ROUTE 510	07141976	0.00	Fairmount Avenue	5	0	0	1	4	0	60.59	5.59	YES	Municipal	454	100%	97%
193	92	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	25.10	ROUTE 509	16081502	0.90	Van Houten Street	5	0	0	1	4	0	60.59	5.59	YES	County	467	100%	35%
203	98	NJTPA	ESSEX	IRVINGTON TWP	07000602	0.89	ESSEX COUNTY 602	07000664	0.07	Coit Street	2	0	1	0	0	1	57.92	5.25	YES	County	249	100%	72%
203	98	NJTPA	ESSEX	NEWARK CITY	07141900	1.98	IRVINE TURNER BLVD	07171203	3.58	Market Street	2	0	1	0	0	1	57.92	5.25	YES	Municipal	454	100%	100%
203	98	NJTPA	ESSEX	NEWARK CITY	07141885	0.55	18TH AVE	07141717	0.13	Melrose Avenue	2	0	1	0	0	1	57.92	5.25	YES	Municipal	417	100%	82%
211	101	NJTPA	ESSEX	NEWARK CITY	07141909	0.40	ADAMS ST	07141390	0.00	Warwick Street	1	1	0	0	0	0	56.92	5.25	YES	Municipal	907	100%	64%
211	101	NJTPA	ESSEX	NEWARK CITY	07141288	0.13	BRANFORD PL	07141915	0.89	University Avenue	1	0	1	0	0	0	56.92	5.25	YES	Municipal	645	100%	100%
211	101	NJTPA	ESSEX	NEWARK CITY	07091882	0.09	AVON AVE	07141220	0.36	South 20th Street	1	0	1	0	0	0	56.92	5.25	YES	Municipal	331	100%	98%
211	101	NJTPA	ESSEX	WEST CALDWELL BORO	00000506	1.07	ROUTE 506	070006135	0.13	Kirkpatrick Lane	1	0	1	0	0	0	56.92	5.25	NO	County	663	20%	21%
211	101	NJTPA	ESSEX	NEWARK CITY	07091881	1.11	CLINTON AVE	07141901	0.00	South 11th Street	1	0	1	0	0	0	56.92	5.25	YES	Municipal	388	100%	93%
211	101	NJTPA	ESSEX	ORANGE CITY	07000638	4.21	ESSEX COUNTY 638	07171033	0.17	Frankfort Street	1	0	1	0	0	0	56.92	5.25	YES	County	411	100%	78%
211	101	NJTPA	ESSEX	WEST ORANGE TWP	07000636	1.86	ESSEX COUNTY 636	00000010	22.71	Mt Pleasant Avenue	1	0	1	0	0	0	56.92	5.25	YES	County	547	61%	8%
211	101	NJTPA	ESSEX	NEWARK CITY	00000508	9.90	ROUTE 508	07141222	0.05	South 7th Street	1	0	1	0	0	0	56.92	5.25	YES	County	417	100%	100%
211	101	NJTPA	ESSEX	ORANGE CITY	07191831	0.69	CENTRE ST	07221877	1.10	Tremont Avenue	1	0	1	0	0	0	56.92	5.25	YES	Municipal	671	100%	67%
211	101	NJTPA	ESSEX	NEWARK CITY	07141413	0.00	MAPLEWOOD AVE	07141905	0.31	Wilson Avenue	1	0	1	0	0	0	56.92	5.25	YES	Municipal	913	94%	93%
211	101	NJTPA	ESSEX	NEWARK CITY	07141891	2.14	ELIZABETH AVE	07091881	2.28	Clinton Avenue	1	0	1	0	0	0	56.92	5.25	YES	Municipal	202	100%	94%
211	101	NJTPA	ESSEX	NEWARK CITY	07141844	1.92	FERRY ST	07141442	0.00	Lockwood Street	1	0	1	0	0	0	56.92	5.25	YES	Municipal	197	100%	73%
211	101	NJTPA	ESSEX	MONTCLAIR TWP	07000623	3.12	ESSEX COUNTY 623	07000642	0.37	Mt Hebron Road	1	1	0	0	0	0	56.92	5.25	NO	County	554	42%	21%
211	101	NJTPA	ESSEX	NEWARK CITY	07141910	0.39	PACIFIC ST	07141390	0.28	Warwick Street	1	1	0	0	0	0	56.92	5.25	YES	Municipal	718	97%	69%
211	101	NJTPA	ESSEX	MILLBURN TWP	00000527	71.24	ROUTE 527	000005272	0.00	Essex Street	1	0	1	0	0	0	56.92	5.25	YES	County	670	55%	46%
211	101	NJTPA	ESSEX	NEWARK CITY	07141865	1.71	BROAD ST	07141485	0.16	Rector Street	1	0	1	0	0	0	56.92	5.25	YES	Municipal	718	100%	100%
211	101	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.89	ROUTE 506	07131267	0.00	Mission Street	1	0	1	0	0	0	56.92	5.25	YES	County	411	100%	55%
211	101	NJTPA	ESSEX	WEST ORANGE TWP	07221201	0.20	MISSISSIPPI AVE	N/A	N/A	1	1	0	0	0	0	56.92	5.25	YES	Municipal	408	96%	68%	
211	101	NJTPA	ESSEX	NEWARK CITY	07091882	0.28	AVON AVE	07141212	0.34	South 16th Street	1	0	1	0	0	0	56.92	5.25	YES	Municipal	331	100%	98%
211	101	NJTPA	ESSEX	MONTCLAIR TWP	07000621	1.68	ESSEX COUNTY 621	07131047	0.00	Wildwood Avenue	1	0	1	0	0	0	56.92	5.25	NO	County	496	25%	12%
211	101	NJTPA	ESSEX	NEWARK CITY	07141846	0.40	MARKET ST	07141362	0.00	Jefferson Street	1	1	0	0	0	0	56.92	5.25	YES	Municipal	615	100%	93%
211	101	NJTPA	ESSEX	NEWARK CITY	07141868	0.87	RAYMOND BLVD	07141441	0.27	Lister Avenue	1	0	1	0	0	0	56.92	5.25	YES	Municipal	197	100%	93%
211	101	NJTPA	ESSEX	NEWARK CITY	07141912	1.17	LAFAYETTE ST	07141426	0.14	Hensler Street	1	0	1	0	0	0	56.92	5.25	YES	Municipal	615	100%	93%
211	101	NJTPA	ESSEX	NUTLEY TWP	07011283	1.10	PASSAIC AVE	07161285	0.00	Park Avenue	1	0	1	0	0	0	56.92	5.25	YES	Municipal	585	50%	50%
211	101	NJTPA	ESSEX	SOUTH ORANGE TWP	07111787	1.53	MAPLEWOOD AVE	07191149	0.39	Tilley Road	1	1	0	0	0	0	56.92	5.25	YES	Municipal	984	50%	46%
211	101	NJTPA	ESSEX	ORANGE CITY	07000638	4.95	ESSEX COUNTY 638	07000658	0.43	Park Avenue	1	1	0	0	0	0	56.92	5.25	YES	County	408	100%	88%
211	101	NJTPA	ESSEX	NEWARK CITY	00000508	10.67	ROUTE 508	07141917	0.11	Lock Street	1	1	0	0	0	0	56.92	5.25	YES	County	633	100%	100%
211	101	NJTPA	ESSEX	NEWARK CITY	07141050	0.00	JOHNSON AVE	07091880	2.37	Watson Avenue	1	0	1	0	0	0	56.92	5.25	YES	Municipal	460	100%	77%
211	101	NJTPA	ESSEX	ORANGE CITY	07000638	4.13	ESSEX COUNTY 638	07221155	0.28	Lafayette Street	1	1	0	0	0	0	56.92	5.25	YES	County	411	100%	78%
211	101	NJTPA	ESSEX	IRVINGTON TWP	07000602	0.79	ESSEX COUNTY 602	07091173	0.14	Normandy Place	1	0	1	0	0	0	56.92	5.25	YES	County	513	100%	72%
211	101	NJTPA	ESSEX	NEWARK CITY	07141865	2.22	BROAD ST	07141570	0.22	Spring Street	1	0	1	0	0	0	56.92	5.25	YES	Municipal	633	100%	100%
211	101	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.10	ESSEX COUNTY 603	07000665	2.22	Clinton Avenue	1	1	0	0	0	0	56.92	5.25	YES	County	331	100%	98%
211	101	NJTPA	ESSEX	NEWARK CITY	07141909	0.50	ADAMS ST	07091883	3.03	Walnut Street	1	1	0	0	0	0	56.92	5.25	YES	County	913	76%	93%
211	101	NJTPA	ESSEX	ORANGE CITY	00000508	6.87	ROUTE 508	07171122	0.71	Jefferson Street	1	0	1	0	0	0	56.92	5.25	YES	County	411	100%	78%
211	101	NJTPA	ESSEX	NEWARK CITY	07000601	1.71	ESSEX COUNTY 601	07141872	0.23	Wainwright Street	1	1	0	0	0	0	56.92	5.25	YES	County	249	100%	72%
211	101	NJTPA	ESSEX	VERONA TWP	00000506	4.13	ROUTE 506	07000639	0.00	Grove Avenue	1	0	1	0	0	0	56.92	5.25	NO	County	733	20%	19%
211	101	NJTPA	ESSEX	BELLEVILLE TWP	07000647	1.17	ESSEX COUNTY 647	07011130	0.20	Overlook Avenue	1	0	1	0	0	0	56.92	5.25	YES	County	539	84%	50%
211	101	NJTPA	ESSEX	NEWARK CITY	07091881	1.61	CLINTON AVE	07141003	0.14	Hunterdon Street													

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian 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 ('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
Safety Voyager Accidents Table	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
Safety Voyager Accidents Table	OR	crash_type	Crash Type	= '13'	13 - Pedestrian
		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
Safety Voyager Accidents Table	OR	cyclist_involved	Cyclist Involved	= 0 OR IS NULL	No pedacyclist involved

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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	-

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

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

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 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	SRI	Milepost	Total Crashes	K	A	B	C									O	
561	185	NJTPA	ESSEX	EAST ORANGE CITY	00000510	26.14	ROUTE 510	07000619	2.89	Stuyvesant Avenue	4	0	0	0	4	0	43.39	4.00	YES	County	596	100%	59%
561	185	NJTPA	ESSEX	EAST ORANGE CITY	07000658	1.88	ESSEX COUNTY 658	07051824	0.96	North Arlington Avenue	4	0	0	0	4	0	43.39	4.00	YES	County	325	100%	72%
574	189	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.21	ESSEX COUNTY 603	07091821	0.73	40th Street	4	0	0	1	2	1	39.89	3.59	YES	County	593	100%	80%
574	189	NJTPA	ESSEX	NEWARK CITY	07141885	0.36	NEWARK CITY	07141712	0.14	Alexander Street	4	0	0	1	2	1	39.89	3.59	YES	Municipal	417	100%	74%
574	189	NJTPA	ESSEX	MONTCLAIR TWP	07000621	0.24	ESSEX COUNTY 621	07131363	0.45	Claremont Avenue	4	0	0	1	2	1	39.89	3.59	YES	County	464	63%	30%
574	189	NJTPA	ESSEX	NEWARK CITY	07000667	1.79	NEWARK CITY	07141625	0.00	Montclair Avenue	4	0	0	1	2	1	39.89	3.59	YES	County	553	100%	71%
574	189	NJTPA	ESSEX	EAST ORANGE CITY	00000510	26.43	ROUTE 510	07141712	0.65	Alexander Street	4	0	0	1	2	1	39.89	3.59	YES	County	369	100%	74%
582	194	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.66	ESSEX COUNTY 603	07000619	1.36	Stuyvesant Avenue	3	0	0	1	2	0	38.89	3.59	YES	County	553	100%	80%
582	194	NJTPA	ESSEX	NEWARK CITY	07091882	1.29	AVON AVE	07141900	0.74	Irvine Turner Boulevard	3	0	0	1	2	0	38.89	3.59	YES	Municipal	202	100%	94%
582	194	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.93	ROUTE 506	07131503	0.46	Pine Street	3	0	0	1	2	0	38.89	3.59	YES	County	411	98%	55%
582	194	NJTPA	ESSEX	NEWARK CITY	07141900	2.20	IRVINE TURNER BLVD	07141516	0.30	Hartford Street	3	0	0	1	2	0	38.89	3.59	YES	Municipal	454	100%	100%
582	194	NJTPA	ESSEX	NEWARK CITY	07141891	2.00	ELIZABETH AVE	07141965	0.37	Miller Street	3	0	0	1	2	0	38.89	3.59	YES	Municipal	202	100%	94%
582	194	NJTPA	ESSEX	NEWARK CITY	07141844	0.37	FERRY ST	07141372	0.22	Monroe Street	3	0	0	1	2	0	38.89	3.59	YES	Municipal	615	100%	93%
582	194	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.05	ROUTE 506	07000621	0.00	Valley Road	3	0	0	1	2	0	38.89	3.59	YES	County	464	63%	30%
582	194	NJTPA	ESSEX	CALDWELL BORO	00000506	2.63	ROUTE 506	00000527	80.79	Roseland Avenue	3	0	0	1	2	0	38.89	3.59	YES	County	535	38%	23%
582	194	NJTPA	ESSEX	NEWARK CITY	07141930	0.00	HELLER PKWY	07000645	0.00	Franklin Avenue	3	0	0	1	2	0	38.89	3.59	YES	Municipal	652	88%	88%
582	194	NJTPA	ESSEX	NEWARK CITY	07141865	0.68	BROAD ST	07141328	0.00	Camp Avenue	3	0	0	1	2	0	38.89	3.59	YES	Municipal	352	100%	83%
582	194	NJTPA	ESSEX	IRVINGTON TWP	07000619	1.98	ESSEX COUNTY 619	07091825	0.00	Madison Avenue	3	0	0	1	2	0	38.89	3.59	YES	County	593	100%	80%
582	194	NJTPA	ESSEX	NEWARK CITY	07000603	2.91	ESSEX COUNTY 603	07141895	0.24	Bergen Street	3	0	0	1	2	0	38.89	3.59	YES	County	202	100%	97%
582	194	NJTPA	ESSEX	ORANGE CITY	07000659	0.23	ESSEX COUNTY 659	07171122	0.19	Jefferson Street	3	0	0	1	2	0	38.89	3.59	YES	County	408	100%	88%
582	194	NJTPA	ESSEX	NEWARK CITY	07141916	1.34	WASHINGTON ST	07141924	0.00	James Street	3	0	0	1	2	0	38.89	3.59	YES	Municipal	718	100%	100%
582	194	NJTPA	ESSEX	NEWARK CITY	00000510	28.05	ROUTE 510	07141231	0.27	Camden Street	3	0	0	1	2	0	38.89	3.59	YES	Municipal	454	100%	97%
582	194	NJTPA	ESSEX	NEWARK CITY	07000603	2.21	ESSEX COUNTY 603	07141210	0.57	South 14th Street	3	0	0	1	2	0	38.89	3.59	YES	County	331	100%	98%
636	210	NJTPA	ESSEX	BLOOMFIELD TWP	07000651	0.06	ESSEX COUNTY 651	07021096	0.60	Spring Street	2	0	0	2	0	0	34.39	3.17	YES	County	607	75%	43%
636	210	NJTPA	ESSEX	LIVINGSTON TWP	00000527	77.78	ROUTE 527	07101395	0.95	East McClellan Avenue	2	0	0	2	0	0	34.39	3.17	YES	County	741	54%	22%
636	210	NJTPA	ESSEX	WEST ORANGE TWP	00000508	6.70	ROUTE 508	07111787	3.49	Valley Street	2	0	0	2	0	0	34.39	3.17	YES	County	411	100%	78%
636	210	NJTPA	ESSEX	ORANGE CITY	07000638	4.59	ESSEX COUNTY 638	07000659	0.00	Main Street	2	0	0	2	0	0	34.39	3.17	YES	County	408	100%	88%
636	210	NJTPA	ESSEX	IRVINGTON TWP	07000602	0.00	ESSEX COUNTY 602	07000603	0.51	Springfield Avenue	2	0	0	2	0	0	34.39	3.17	YES	County	553	100%	80%
636	210	NJTPA	ESSEX	MAPLEWOOD TWP	07000638	1.23	ESSEX COUNTY 638	07111159	0.00	Jefferson Avenue	2	0	0	2	0	0	34.39	3.17	YES	County	565	36%	27%
636	210	NJTPA	ESSEX	GLEN RIDGE BORO	00000506	0.38	ROUTE 506 SPUR	07021077	0.24	Park Avenue	2	0	0	2	0	0	34.39	3.17	YES	County	788	98%	55%
636	210	NJTPA	ESSEX	NEWARK CITY	07091882	0.97	AVON AVE	07141895	1.65	Bergen Street	2	0	0	2	0	0	34.39	3.17	YES	Municipal	202	100%	94%
636	210	NJTPA	ESSEX	IRVINGTON TWP	07000655	2.03	ESSEX COUNTY 655	07091735	0.00	Orange Avenue	2	0	0	2	0	0	34.39	3.17	YES	County	553	100%	80%
636	210	NJTPA	ESSEX	EAST ORANGE CITY	07051144	0.60	FREEMAN DR W	07191831	1.84	South Harrison Street	2	0	0	2	0	0	34.39	3.17	YES	N.J.D.O.T.	325	100%	88%
701	220	NJTPA	ESSEX	MONTCLAIR TWP	07131364	0.87	ORANGE RD	07131252	0.20	Church Street	4	0	0	0	3	1	33.54	3.00	YES	Municipal	464	63%	30%
701	220	NJTPA	ESSEX	IRVINGTON TWP	07091881	0.29	CLINTON AVE	07091006	0.23	Maple Avenue	4	0	0	0	3	1	33.54	3.00	YES	Municipal	331	100%	98%
701	220	NJTPA	ESSEX	NEWARK CITY	07000619	2.68	ESSEX COUNTY 619	07141719	0.18	Abinger Place	4	0	0	0	3	1	33.54	3.00	YES	County	417	100%	59%
701	220	NJTPA	ESSEX	NEWARK CITY	07000667	0.40	ESSEX COUNTY 667	07141553	0.31	East 3rd Avenue	4	0	0	0	3	1	33.54	3.00	YES	County	633	100%	81%
701	220	NJTPA	ESSEX	NEWARK CITY	00000508	9.80	ROUTE 508	07141193	0.15	South 9th Street	4	0	0	0	3	1	33.54	3.00	YES	County	417	100%	100%
701	220	NJTPA	ESSEX	NEWARK CITY	07091882	0.13	AVON AVE	07141163	0.36	South 19th Street	4	0	0	0	3	1	33.54	3.00	YES	Municipal	331	100%	98%
711	226	NJTPA	ESSEX	IRVINGTON TWP	00000509	17.36	ROUTE 509	N/A	N/A	3	0	0	0	3	0	32.54	3.00	YES	County	331	100%	98%	
711	226	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.61	ROUTE 508	07141739	0.70	Nassau Place	3	0	0	0	3	0	32.54	3.00	YES	County	325	100%	74%
711	226	NJTPA	ESSEX	NEWARK CITY	00000510	25.97	ROUTE 510	07000605	1.59	Sandford Avenue	3	0	0	0	3	0	32.54	3.00	YES	County	596	100%	59%
711	226	NJTPA	ESSEX	NEWARK CITY	07000667	1.98	ESSEX COUNTY 667	07141927	0.65	Verona Avenue	3	0	0	0	3	0	32.54	3.00	YES	County	553	100%	71%
711	226	NJTPA	ESSEX	BELLEVILLE TWP	00000506	2.20	ROUTE 506 SPUR	07021213	0.00	Belmont Avenue	3	0	0	0	3	0	32.54	3.00	YES	County	797	100%	76%
711	226	NJTPA	ESSEX																				

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian 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 ('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
OR	ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved	
	cyclist_involved	Cyclist Involved	= 0 OR IS NULL	No pedacyclist involved	

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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	-

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

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

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 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								
787	249	NJTPA	ESSEX	EAST ORANGE CITY	0711203	1.43	MAIN ST	07051131	0.15	City Hall Plaza	2	0	0	1	1	0	28.04	2.59	YES	Municipal	48	100%	72%
787	249	NJTPA	ESSEX	NEWARK CITY	07000601	2.66	NEWARK CITY	07141891	0.19	Elizabeth Avenue	2	0	0	1	1	0	28.04	2.59	YES	County	627	100%	87%
787	249	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.67	ROUTE 508	07051360	0.16	South Arlington Avenue	2	0	0	1	1	0	28.04	2.59	YES	County	325	100%	74%
787	249	NJTPA	ESSEX	NEWARK CITY	07141865	1.44	BROAD ST	07141310	0.00	Academy Street	2	0	0	1	1	0	28.04	2.59	YES	Municipal	718	100%	100%
787	249	NJTPA	ESSEX	NEWARK CITY	00000510	27.30	ROUTE 510	07141872	2.66	South 18th Street	2	0	0	1	1	0	28.04	2.59	YES	Municipal	369	100%	74%
787	249	NJTPA	ESSEX	BELLEVILLE TWP	07000645	0.76	ESSEX COUNTY 645	07021869	1.40	Mill Street	2	0	0	1	1	0	28.04	2.59	YES	County	553	100%	88%
787	249	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	25.50	ROUTE 509	16081383	0.00	Clinton Street	2	0	0	1	1	0	28.04	2.59	YES	County	467	75%	35%
787	249	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	25.15	ROUTE 509	000005092	0.38	West Broadway	2	0	0	1	1	0	28.04	2.59	YES	County	467	75%	35%
787	249	NJTPA	ESSEX	NEWARK CITY	07141846	0.60	MARKET ST	07141352	0.00	Jackson Street	2	0	0	1	1	0	28.04	2.59	YES	Municipal	615	100%	93%
787	249	NJTPA	ESSEX	WEST ORANGE TWP	000005085	0.31	ROUTE 508 SPUR	07000659	0.34	Main Street	2	0	0	1	1	0	28.04	2.59	YES	County	4008	100%	78%
787	249	NJTPA	ESSEX	IRVINGTON TWP	07000665	2.16	ESSEX COUNTY 665	07091709	0.00	Linden Avenue	2	0	0	1	1	0	28.04	2.59	YES	County	331	100%	98%
787	249	NJTPA	ESSEX	IRVINGTON TWP	07000602	1.04	ESSEX COUNTY 602	07091181	0.00	Cordier Street	2	0	0	1	1	0	28.04	2.59	YES	County	249	100%	72%
787	249	NJTPA	ESSEX	NEWARK CITY	07141922	0.28	ORANGE ST	07141686	0.18	Myrtle Avenue	2	0	0	1	1	0	28.04	2.59	YES	Municipal	417	100%	81%
787	249	NJTPA	ESSEX	IRVINGTON TWP	00000509	16.75	ROUTE 509	07021335	0.44	Baldwin Street	2	0	0	1	1	0	28.04	2.59	YES	County	388	100%	72%
787	249	NJTPA	ESSEX	NEWARK CITY	07141885	2.46	18TH AVE	07141900	1.11	Irvine Turner Boulevard	2	0	0	1	1	0	28.04	2.59	YES	Municipal	202	100%	97%
787	249	NJTPA	ESSEX	NEWARK CITY	00000508	10.48	ROUTE 508	07141900	2.34	Norfolk Street	2	0	0	1	1	0	28.04	2.59	NO	County	1,083	100%	100%
787	249	NJTPA	ESSEX	NEWARK CITY	07141844	0.22	FERRY ST	07141370	0.25	Congress Street	2	0	0	1	1	0	28.04	2.59	YES	Municipal	615	100%	93%
787	249	NJTPA	ESSEX	ORANGE CITY	07171203	0.50	MAIN ST	07081023	2.08	Park Avenue	2	0	0	1	1	0	28.04	2.59	YES	Municipal	494	100%	88%
787	249	NJTPA	ESSEX	NEWARK CITY	00000508	9.94	ROUTE 508	07171203	0.00	Market Street	2	0	0	2	1	0	28.04	2.59	YES	County	417	100%	100%
787	249	NJTPA	ESSEX	MONTCLAIR TWP	00000506	5.81	ROUTE 506	07131206	2.61	North Mountain Avenue	2	0	0	1	1	0	28.04	2.59	YES	County	464	57%	30%
787	249	NJTPA	ESSEX	NEWARK CITY	07141844	1.36	FERRY ST	07141456	0.22	Brill Street	2	0	0	1	1	0	28.04	2.59	YES	Municipal	197	100%	93%
787	249	NJTPA	ESSEX	NEWARK CITY	07141514	0.38	WARREN ST	07141915	0.60	University Avenue	2	0	0	1	1	0	28.04	2.59	YES	Municipal	718	100%	100%
787	249	NJTPA	ESSEX	NEWARK CITY	07141121	0.00	SOUTH ST	07141865	0.49	Broad Street	2	0	0	1	1	0	28.04	2.59	YES	Municipal	352	100%	94%
787	249	NJTPA	ESSEX	NEWARK CITY	07141912	0.61	LAFAYETTE ST	07141370	0.09	Congress Street	2	0	0	1	1	0	28.04	2.59	YES	Municipal	615	100%	93%
787	249	NJTPA	ESSEX	NEWARK CITY	07141912	0.91	LAFAYETTE ST	07141907	0.44	Van Buren Street	2	0	0	1	1	0	28.04	2.59	YES	Municipal	615	100%	93%
787	249	NJTPA	ESSEX	EAST ORANGE CITY	07000658	2.03	ESSEX COUNTY 658	07051809	1.35	South Oraton Parkway	2	0	0	1	1	0	28.04	2.59	YES	County	325	100%	68%
787	249	NJTPA	ESSEX	ORANGE CITY	07000658	0.53	ESSEX COUNTY 658	07171068	0.44	Cleveland Street	2	0	0	1	1	0	28.04	2.59	YES	County	529	100%	88%
787	249	NJTPA	ESSEX	NEWARK CITY	00000508	11.03	ROUTE 508	07141915	0.39	University Avenue	2	0	0	1	1	0	28.04	2.59	YES	Municipal	718	100%	100%
787	249	NJTPA	ESSEX	IRVINGTON TWP	07000665	1.78	ESSEX COUNTY 665	07000619	1.62	Stuyvesant Avenue	2	0	0	1	1	0	28.04	2.59	YES	County	593	100%	80%
787	249	NJTPA	ESSEX	NEWARK CITY	07141895	1.39	BERGEN ST	07091881	1.55	Clinton Avenue	2	0	0	1	1	0	28.04	2.59	YES	Municipal	452	100%	94%
995	310	NJTPA	ESSEX	NEWARK CITY	07141895	2.93	BERGEN ST	07141241	0.50	12th Avenue	4	0	0	0	2	2	23.70	2.00	YES	Municipal	404	100%	100%
998	311	NJTPA	ESSEX	NEWARK CITY	000005065	2.86	ROUTE 506 SPUR	07141648	0.27	4th Street	3	0	0	0	2	1	22.70	2.00	YES	County	526	100%	69%
998	311	NJTPA	ESSEX	NEWARK CITY	07141929	0.29	2ND AVE	07141926	0.50	Mount Prospect Avenue	3	0	0	0	2	1	22.70	2.00	YES	Municipal	858	99%	81%
998	311	NJTPA	ESSEX	NEWARK CITY	07141865	0.60	BROAD ST	07141365	0.00	Pennington Street	3	0	0	0	2	1	22.70	2.00	YES	Municipal	352	100%	83%
998	311	NJTPA	ESSEX	NEWARK CITY	00000510	27.89	ROUTE 510	07141225	0.50	South 6th Street	3	0	0	0	2	1	22.70	2.00	YES	Municipal	454	100%	97%
998	311	NJTPA	ESSEX	BELLEVILLE TWP	00000506	9.72	ROUTE 506	07011043	0.00	Garden Avenue	3	0	0	0	2	1	22.70	2.00	YES	County	553	100%	64%
998	311	NJTPA	ESSEX	NEWARK CITY	07141921	1.34	8TH ST	07051871	0.52	2nd Avenue West	3	0	0	0	2	1	22.70	2.00	YES	Municipal	422	100%	69%
998	311	NJTPA	ESSEX	NEWARK CITY	00000510	27.10	ROUTE 510	00000509	11.54	Boulevard	3	0	0	0	2	1	22.70	2.00	YES	Municipal	369	100%	74%
998	311	NJTPA	ESSEX	NEWARK CITY	07141234	0.00	PACIFIC ST	07091883	2.75	Walnut Street	3	0	0	0	2	1	22.70	2.00	YES	Municipal	718	89%	69%
998	311	NJTPA	ESSEX	IRVINGTON TWP	07091825	0.54	MADISON AVE	07091802	0.30	Myrtle Avenue	3	0	0	0	2	1	22.70	2.00	YES	Municipal	331	100%	98%
998	311	NJTPA	ESSEX	SOUTH ORANGE TWP	00000510	25.07	ROUTE 510	07191018	0.71	Ward Place	3	0	0	0	2	1	22.70	2.00	YES	County	200	100%	60%
998	311	NJTPA	ESSEX	IRVINGTON TWP	07000665	2.10	ESSEX COUNTY 665	07091054	0.16	New Street	3	0	0	0	2	1	22.70	2.00	YES	County	553	100%	75%
998	311	NJTPA	ESSEX	ORANGE CITY	00000508	6.96	ROUTE 508	07000638	4.07	Scotland Road	3	0	0	0	2	1	22.70	2.00	YES	County	411	100%	78%
998	311	NJTPA	ESSEX	NEWARK CITY	07141895	0.98	BERGEN ST	07141893	0.85	Hawthorne Avenue	3	0	0	0	2	1	22.70	2.00	YES	Municipal	460	100%	93%
998	311	NJTPA	ESSEX	NEWARK CITY	07141891	1.81	ELIZABETH AVE	07141114	0.06	East Alpine Street	3	0	0	0	2	1	22.70	2.00	YES	Municipal	202	100%	94%
998	311	NJTPA	ESSEX	NEWARK CITY	07000603	2.45	ESSEX COUNTY 603	07141189	1.41	South 10th Street	3	0	0	0	2	1	22.70	2.00	YES	County	632	100%	93%
998	311	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.96	ESSEX COUNTY 603	07091735	0.14	Orange Avenue	3	0	0	0	2	1	22.70	2.00	YES	County	553	100%	75%
998	311	NJTPA	ESSEX	EAST ORANGE CITY	07051828	0.80	EVERGREEN PL	07171874	1.58	William Street	3	0	0	0	2	1	22.70	2.00	YES	Municipal	325	100%	72%
1035	328	NJTPA	ESSEX	NEWARK CITY	00000510	26.57	ROUTE 510	07091837	0.87	Vermont Avenue	2	0	0	0	2	0	21.70	2.00	YES	Municipal	369	100%	74%
1035	328	NJTPA	ESSEX	SOUTH ORANGE TWP	07111797	1.41	PROSPECT ST	07111056	0.19	Garfield Place	2	0	0	0	2	0	21.70	2.00	YES	Municipal	565	90%	56%
1035	328	NJTPA	ESSEX	NEWARK CITY	07051671	0.40	1ST																

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian 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 ('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	
OR	ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved	
	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	-

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

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

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 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								
1035	328	NJTPA	ESSEX	IRVINGTON TWP	07091879	0.19	EASTERN PKWY	07091825	0.66	Madison Avenue	2	0	0	0	2	0	21.70	2.00	YES	Municipal	331	100%	98%
1035	328	NJTPA	ESSEX	NEWARK CITY	07000667	1.64	NEWARK CITY 667	07141007	0.21	Grafton Avenue	2	0	0	0	2	0	21.70	2.00	YES	County	652	100%	71%
1035	328	NJTPA	ESSEX	NEWARK CITY	00000510	27.70	ROUTE 510	07141189	0.79	South 10th Street	2	0	0	0	2	0	21.70	2.00	YES	Municipal	369	100%	81%
1035	328	NJTPA	ESSEX	EAST ORANGE CITY	00000508	9.23	ROUTE 508	00000509	12.14	Galloping Hill Road	2	0	0	0	2	0	21.70	2.00	YES	County	48	100%	74%
1035	328	NJTPA	ESSEX	NEWARK CITY	07000601	2.19	ESSEX COUNTY 601	07141888	0.16	Maple Avenue	2	0	0	0	2	0	21.70	2.00	YES	County	249	100%	72%
1035	328	NJTPA	ESSEX	SOUTH ORANGE TWP	07000665	0.35	ESSEX COUNTY 665	07191009	0.30	Fairview Avenue	2	0	0	0	2	0	21.70	2.00	YES	County	200	100%	60%
1035	328	NJTPA	ESSEX	NEWARK CITY	00000508	10.89	ROUTE 508	07141904	1.39	Dr Martin Luther King Jr Boulevard	2	0	0	0	2	0	21.70	2.00	YES	County	718	100%	100%
1035	328	NJTPA	ESSEX	IRVINGTON TWP	07000602	0.53	ESSEX COUNTY 602	07091827	0.33	Clermont Avenue	2	0	0	0	2	0	21.70	2.00	YES	County	553	100%	75%
1035	328	NJTPA	ESSEX	NEWARK CITY	07091881	0.66	CLINTON AVE	07141220	0.00	South 20th Street	2	0	0	0	2	0	21.70	2.00	YES	County	718	100%	100%
1035	328	NJTPA	ESSEX	NEWARK CITY	07141865	1.77	BROAD ST	00000508	0.00	Park Place	2	0	0	0	2	0	21.70	2.00	YES	Municipal	331	100%	98%
1035	328	NJTPA	ESSEX	BELLEVILLE TWP	07000645	2.03	ESSEX COUNTY 645	07011065	1.24	Chestnut Street	2	0	0	0	2	0	21.70	2.00	YES	County	539	83%	50%
1035	328	NJTPA	ESSEX	NEWARK CITY	07141904	0.68	DR ML KING JR BLVD	07141277	0.26	Mercer Street	2	0	0	0	2	0	21.70	2.00	YES	Municipal	454	100%	100%
1035	328	NJTPA	ESSEX	MONTCLAIR TWP	07000621	2.95	ESSEX COUNTY 621	07000642	0.00	Mt Hebron Road	2	0	0	0	2	0	21.70	2.00	NO	County	554	42%	20%
1035	328	NJTPA	ESSEX	MONTCLAIR TWP	07131362	0.49	WALNUT AVE	07131031	0.36	Forest Street	2	0	0	0	2	0	21.70	2.00	YES	Municipal	464	68%	30%
1035	328	NJTPA	ESSEX	NEWARK CITY	07141917	0.90	LOCK ST	07141317	0.34	Halsey Street	2	0	0	0	2	0	21.70	2.00	YES	Municipal	718	100%	100%
1035	328	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.51	ROUTE 508	07051139	0.59	Shepard Avenue	2	0	0	0	2	0	21.70	2.00	YES	County	325	100%	72%
1247	389	NJTPA	ESSEX	NEWARK CITY	07000601	1.51	ESSEX COUNTY 601	07141162	0.27	Fabyan Street	3	0	0	1	0	2	19.20	1.59	YES	County	249	100%	72%
1247	389	NJTPA	ESSEX	NEWARK CITY	07091881	2.44	CLINTON AVE	07141334	0.00	Astor Street	3	0	0	1	0	2	19.20	1.59	YES	Municipal	302	100%	94%
1247	389	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.37	ROUTE 508	07051096	0.00	South Burnet Avenue	3	0	0	1	0	2	19.20	1.59	YES	County	275	100%	72%
1251	392	NJTPA	ESSEX	IRVINGTON TWP	07000665	1.56	ESSEX COUNTY 665	07000605	0.35	Sanford Avenue	2	0	0	1	0	1	18.20	1.59	YES	County	200	100%	80%
1251	392	NJTPA	ESSEX	MONTCLAIR TWP	07131357	0.18	CEDAR AVE	07131234	0.59	Irving Street	2	0	0	1	0	1	18.20	1.59	YES	Municipal	411	87%	57%
1251	392	NJTPA	ESSEX	NEWARK CITY	07141895	1.52	BERGEN ST	07141113	0.78	Madison Avenue	2	0	0	1	0	1	18.20	1.59	YES	Municipal	202	100%	94%
1251	392	NJTPA	ESSEX	NEWARK CITY	07141596	0.00	CHESTER AVE	07141542	1.05	Summer Avenue	2	0	0	1	0	1	18.20	1.59	YES	Municipal	652	100%	81%
1251	392	NJTPA	ESSEX	NEWARK CITY	07091881	0.91	CLINTON AVE	07141211	0.71	South 15th Street	2	0	0	1	0	1	18.20	1.59	YES	Municipal	331	100%	98%
1251	392	NJTPA	ESSEX	NEWARK CITY	07141923	0.15	NESBITT ST	07141922	1.04	Orange Street	2	0	0	1	0	1	18.20	1.59	YES	Municipal	633	100%	100%
1251	392	NJTPA	ESSEX	NUTLEY TWP	07000645	3.02	ESSEX COUNTY 645	07161192	0.18	Chestnut Street	2	0	0	1	0	1	18.20	1.59	YES	County	585	48%	50%
1251	392	NJTPA	ESSEX	NEWARK CITY	07000602	1.20	ESSEX COUNTY 602	07141162	0.52	Fabyan Street	2	0	0	1	0	1	18.20	1.59	YES	County	249	100%	72%
1251	392	NJTPA	ESSEX	NEWARK CITY	07141891	1.56	ELIZABETH AVE	07141128	0.00	Branford Street	2	0	0	1	0	1	18.20	1.59	YES	Municipal	595	100%	94%
1251	392	NJTPA	ESSEX	NEWARK CITY	07141906	0.85	SOUTH ST	07141350	0.00	Adams Street	2	0	0	1	0	1	18.20	1.59	YES	Municipal	907	94%	57%
1295	402	NJTPA	ESSEX	MILLBURN TWP	07121010	0.40	TROY DR	07121185	0.00	Hampshire Road	1	0	0	1	0	0	17.20	1.59	NO	Municipal	747	43%	8%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141910	0.27	PACIFIC ST	07141383	0.36	Oliver Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	717	80%	80%
1295	402	NJTPA	ESSEX	EAST ORANGE CITY	07191831	1.84	CENTRE ST	07051144	0.61	Freeway Drive West	1	0	0	1	0	0	17.20	1.59	YES	Municipal	325	100%	88%
1295	402	NJTPA	ESSEX	IRVINGTON TWP	07000665	1.43	ESSEX COUNTY 665	07141773	0.93	Eliery Place	1	0	0	1	0	0	17.20	1.59	YES	County	200	100%	80%
1295	402	NJTPA	ESSEX	BELLEVILLE TWP	07011111	0.60	CORTLAND ST	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	Municipal	438	92%	64%	
1295	402	NJTPA	ESSEX	WEST CALDWELL BORO	07000613	3.62	ESSEX COUNTY 613	07211174	1.05	Fairfield Avenue	1	0	0	1	0	0	17.20	1.59	NO	County	415	30%	17%
1295	402	NJTPA	ESSEX	VERONA TWP	00000506	3.92	ROUTE 506	07221261	0.76	Forest Avenue	1	0	0	1	0	0	17.20	1.59	NO	County	733	20%	19%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141844	0.11	FERRY ST	07141342	0.30	Union Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	615	100%	93%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141650	0.40	N. 7TH ST	07141577	0.36	7th Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	417	100%	81%
1295	402	NJTPA	ESSEX	MILLBURN TWP	07000608	1.64	ESSEX COUNTY 608	07000606	1.32	Parsonage Hill Road	1	0	0	1	0	0	17.20	1.59	YES	County	1,022	56%	8%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141414	0.00	E. KINNEY ST	07141353	0.33	Pulaski Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	907	94%	57%
1295	402	NJTPA	ESSEX	IRVINGTON TWP	07000665	1.96	ESSEX COUNTY 665	07091056	0.10	Smith Street	1	0	0	1	0	0	17.20	1.59	YES	County	553	100%	80%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141545	0.00	BROAD ST	00000506SZ	0.23	Bloomfield Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	633	100%	81%
1295	402	NJTPA	ESSEX	MONTCLAIR TWP	07131033	0.00	LABEL ST	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	Municipal	464	63%	30%	
1295	402	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.13	ESSEX COUNTY 603	07091084	0.00	Franklin Ter	1	0	0	1	0	0	17.20	1.59	YES	County	526	100%	80%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141288	0.28	BRANFORD PL	07141317	0.55	Halsey Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	718	100%	100%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141249	0.00	BRUCE ST	07141235	0.16	14th Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	454	100%	100%
1295	402	NJTPA	ESSEX	MAPLEWOOD TWP	07000638	0.86	ESSEX COUNTY 638	07111073	0.79	Oakview Avenue	1	0	0	1	0	0	17.20	1.59	NO	County	565	33%	16%
1295	402	NJTPA	ESSEX	MAPLEWOOD TWP	07111797	0.59	PROSPECT ST	07111073	0.53	Oakview Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	376	96%	34%
1295	402	NJTPA	ESSEX	NEWARK CITY	07091883	3.42	15TH AVE	07141376	0.00	Elm Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	913	94%	93%
1295	402	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.32	ROUTE 506	07081356	0.00	Glenridge Avenue	1	0	0	1	0	0	17.20	1.59	YES	County	464	98%	55%
1295	402	NJTPA	ESSEX	NEWARK CITY	07																		

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian 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 ('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
Safety Voyager Accidents Table	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
Safety Voyager Accidents Table	OR	crash_type	Crash Type	= '13'	13 - Pedestrian
		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
Safety Voyager Accidents Table	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	-

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

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

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

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									O
1295	402	NJTPA	ESSEX	NEWARK CITY	07000603	1.99	ESSEX COUNTY 603	07141872	1.76	South 18th Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	331	100%	98%
1295	402	NJTPA	ESSEX	SOUTH ORANGE TWP	07191080	0.00	SLOAN ST	07191083	0.25	Third Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	672	100%	46%
1295	402	NJTPA	ESSEX	EAST ORANGE CITY	07171203	0.86	MAIN ST	07191831	1.95	North Harrison Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	325	100%	88%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141513	0.00	N/A	N/A	N/A	LINDEN ST	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	718	100%	100%
1295	402	NJTPA	ESSEX	BELLEVILLE TWP	07000647	1.05	ESSEX COUNTY 647	07011128	0.72	Little Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	438	100%	43%
1295	402	NJTPA	ESSEX	MONTCLAIR TWP	07131358	0.22	PARK ST	07131363	0.75	Claremont Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	464	100%	30%
1295	402	NJTPA	ESSEX	EAST ORANGE CITY	07051129	0.72	LINCOLN ST	07171203	1.05	Dr Martin Luther King Jr Boulevard	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	325	100%	72%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141098	0.60	E BIGELOW ST	07141107	0.41	Milford Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	202	100%	94%
1295	402	NJTPA	ESSEX	SOUTH ORANGE TWP	07111797	1.83	PROSPECT ST	07191015	0.00	Milligan Place	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	671	100%	56%
1295	402	NJTPA	ESSEX	BELLEVILLE TWP	07011282	0.44	JORALEMON ST	07011059	0.50	Cedar Hill Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	438	100%	92%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141876	0.22	N MUNN AVE	07141746	0.00	Tremont Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	369	100%	74%
1295	402	NJTPA	ESSEX	SOUTH ORANGE TWP	07111787	1.10	MAPLEWOOD AVE	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	672	100%	43%
1295	402	NJTPA	ESSEX	NEWARK CITY	07091883	2.64	15TH AVE	07141343	0.37	Mcwhorter Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	718	100%	69%
1295	402	NJTPA	ESSEX	ORANGE CITY	00000508	7.81	ROUTE 508	07171100	0.46	Oakwood Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	426	100%	78%
1295	402	NJTPA	ESSEX	BLOOMFIELD TWP	07171827	1.70	DODD ST	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	785	99%	76%
1295	402	NJTPA	ESSEX	NEWARK CITY	000005065	3.52	ROUTE 506 SPUR	07141926	0.27	Mount Prospect Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	633	100%	81%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141904	1.18	DR ML KINGS JR BLVD	07141914	0.23	Warren Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	718	100%	100%
1295	402	NJTPA	ESSEX	NEWARK CITY	07000603	2.85	ESSEX COUNTY 603	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	County	202	100%	97%
1295	402	NJTPA	ESSEX	EAST ORANGE CITY	07051832	0.41	ELMWOOD AVE	07051129	1.56	Hulsted Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	426	100%	72%
1295	402	NJTPA	ESSEX	NEWARK CITY	07091881	2.50	CLINTON AVE	07141292	0.72	Murray Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	202	100%	94%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141865	2.06	BROAD ST	07141922	1.56	Orange Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	633	100%	100%
1295	402	NJTPA	ESSEX	MAPLEWOOD TWP	00000124	14.29	NJ 124	07111795	0.62	Burnett Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	376	100%	57%
1295	402	NJTPA	ESSEX	MAPLEWOOD TWP	07111159	0.16	JEFFERSON AVE	07111787	0.51	Maplewood Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	565	100%	23%
1295	402	NJTPA	ESSEX	ORANGE CITY	07000658	0.75	ESSEX COUNTY 658	07171028	0.00	Duane Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	529	100%	88%
1295	402	NJTPA	ESSEX	MONTCLAIR TWP	07000623	1.72	ESSEX COUNTY 623	07131046	0.14	Gordonhurst Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	467	100%	31%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141867	0.26	RAYMOND BLVD	07141478	0.17	Alling Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	718	100%	69%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141925	0.00	7TH AVE	000005065	4.09	Broadway	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	633	100%	81%
1295	402	NJTPA	ESSEX	BLOOMFIELD TWP	07021331	0.17	CONGER ST	07171830	2.05	Glenwood Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	609	100%	84%
1295	402	NJTPA	ESSEX	NEWARK CITY	000005065	3.19	ROUTE 506 SPUR	07141928	0.38	Lake Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	867	100%	81%
1295	402	NJTPA	ESSEX	ORANGE CITY	07171078	0.20	ESSEX AVE	07171203	0.16	Main Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	494	100%	88%
1295	402	NJTPA	ESSEX	NEWARK CITY	07091881	1.40	CLINTON AVE	07141185	0.00	Farley Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	202	100%	94%
1295	402	NJTPA	ESSEX	WEST ORANGE TWP	07000659	1.18	ESSEX COUNTY 659	07221216	0.00	Prospect Place	1	0	0	1	0	0	17.20	1.59	YES	YES	County	408	100%	68%
1295	402	NJTPA	ESSEX	WEST CALDWELL BORO	07000613	1.44	ESSEX COUNTY 613	07111120	0.00	Brian Road	1	0	0	1	0	0	17.20	1.59	YES	YES	County	692	100%	24%
1295	402	NJTPA	ESSEX	MONTCLAIR TWP	07131257	0.00	SEYMOUR ST	00000506	6.44	Bloomfield Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	464	100%	55%
1295	402	NJTPA	ESSEX	BLOOMFIELD TWP	000005065	0.56	ROUTE 506 SPUR	07081001	0.00	Clark Street	1	0	0	1	0	0	17.20	1.59	YES	YES	County	788	100%	43%
1295	402	NJTPA	ESSEX	IRVINGTON TWP	07000601	1.34	ESSEX COUNTY 601	00000509	9.21	Springfield Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	County	249	100%	72%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141844	1.31	FERRY ST	07141455	0.10	Roanoke Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	197	100%	93%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141865	2.10	BROAD ST	07141922	1.56	Orange Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	633	100%	100%
1295	402	NJTPA	ESSEX	LIVINGSTON TWP	00000508	0.89	ROUTE 508	07101357	0.45	Burnet Hill Road	1	0	0	1	0	0	17.20	1.59	YES	YES	County	721	100%	27%
1295	402	NJTPA	ESSEX	NEWARK CITY	07051870	2.09	SPRINGDALE AVE	07141652	1.17	North 11th Street	1	0	0	1	0	0	17.20	1.59	YES	YES	Municipal	422	100%	80%
1295	402	NJTPA	ESSEX	VERONA TWP	00000506	4.00	ROUTE 506	07000637	0.00	Fairview Avenue	1	0	0	1	0	0	17.20	1.59	NO	YES	County	733	100%	19%
1295	402	NJTPA	ESSEX	CEDAR GROVE TWP	07000639	1.32	ESSEX COUNTY 639	07000640	0.00	West Bradford Avenue	1	0	0	1	0	0	17.20	1.59	NO	YES	County	672	100%	33%
1295	402	NJTPA	ESSEX	IRVINGTON TWP	07091881	0.11	CLINTON AVE	07081827	0.76	Ball Street	1	0	0	1	0	0	17.20	1.59						

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian 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 ('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
Safety Voyager Accidents Table	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
Safety Voyager Accidents Table	OR	crash_type	Crash Type	= '13'	13 - Pedestrian
		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
Safety Voyager Accidents Table	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	-

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

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

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 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								
1295	402	NJTPA	ESSEX	ORANGE CITY	07000638	3.44	ESSEX COUNTY 638	07221877	0.35	Tremont Avenue	1	0	0	1	0	0	17.20	1.59	YES	County	411	100%	70%
1295	402	NJTPA	ESSEX	BLOOMFIELD TWP	07021331	0.10	CONGER ST	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	Municipal	609	84%	45%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141900	3.14	IRVINE TURNER BLVD	07000658	3.62	Park Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	633	100%	81%
1295	402	NJTPA	ESSEX	LIVINGSTON TWP	07000649	3.92	ESSEX COUNTY 649	07101418	0.00	West Harrison Place	1	0	0	1	0	0	17.20	1.59	YES	County	589	46%	27%
1295	402	NJTPA	ESSEX	MONTCLAIR TWP	07131358	1.30	PARK ST	07000655	1.71	Watchung Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	496	53%	29%
1295	402	NJTPA	ESSEX	IRVINGTON TWP	07091822	0.24	MILL RD	07091129	0.00	Arsdale Ter	1	0	0	1	0	0	17.20	1.59	YES	Municipal	510	100%	59%
1295	402	NJTPA	ESSEX	NEWARK CITY	07000603_A100300	0.00	FR CO 603 EB TO MORRIS AVE	07141233	0.04	16th Avenue	1	0	0	1	0	0	17.20	1.59	YES	YES	202	100%	97%
1295	402	NJTPA	ESSEX	NEWARK CITY	07000601	1.86	ESSEX COUNTY 601	07141889	0.15	Summit Avenue	1	0	0	1	0	0	17.20	1.59	YES	County	249	100%	72%
1295	402	NJTPA	ESSEX	MONTCLAIR TWP	07000620	0.26	ESSEX COUNTY 620	07131195	0.08	Laurel Place	1	0	0	1	0	0	17.20	1.59	NO	YES	622	40%	20%
1295	402	NJTPA	ESSEX	IRVINGTON TWP	07091802	0.20	MYRTLE AVE	07091048	0.00	Petzinger Street	1	0	0	1	0	0	17.20	1.59	YES	County	331	100%	98%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141895	4.13	BERGEN ST	07000658	3.16	Park Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	422	100%	80%
1295	402	NJTPA	ESSEX	BELLEVILLE TWP	07011282	1.44	JORALEMON ST	07011013	0.00	Celia Terr	1	0	0	1	0	0	17.20	1.59	YES	Municipal	539	75%	27%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141920	2.27	N 6TH ST	07171203	2.89	Market Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	417	100%	100%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141520	0.10	WICKLIFF ST	07142068	0.00	School Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	454	100%	100%
1295	402	NJTPA	ESSEX	SOUTH ORANGE TWP	07000665	0.50	ESSEX COUNTY 665	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	County	200	100%	60%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141403	2.01	DELANEY ST	07141339	0.54	NJ Railroad Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	352	80%	100%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141403	0.10	NAGARA ST	07141404	0.10	Barbara Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	913	94%	93%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141926	1.76	MOUNT PROSPECT AVE	07141625	0.36	Montclair Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	553	100%	71%
1295	402	NJTPA	ESSEX	IRVINGTON TWP	07091184	0.00	FERN AVE	07091169	0.26	Rosehill Place	1	0	0	1	0	0	17.20	1.59	YES	Municipal	513	100%	72%
1295	402	NJTPA	ESSEX	IRVINGTON TWP	07091160	0.00	SHERIDAN ST	07091823	0.14	Paine Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	510	100%	68%
1295	402	NJTPA	ESSEX	BELLEVILLE TWP	07011063	0.00	MT PROSPECT AVE	00000506	10.02	Belleville Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	553	100%	64%
1295	402	NJTPA	ESSEX	IRVINGTON TWP	07000665	1.33	ESSEX COUNTY 665	07091084	0.49	Franklin Ter	1	0	0	1	0	0	17.20	1.59	YES	County	200	100%	80%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141893	0.34	HAWTHORNE AVE	07141892	0.58	Clinton Place	1	0	0	1	0	0	17.20	1.59	YES	Municipal	388	100%	93%
1295	402	NJTPA	ESSEX	IRVINGTON TWP	00000509	17.69	ROUTE 509	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	YES	331	100%	98%
1295	402	NJTPA	ESSEX	BLOOMFIELD TWP	07171830	2.05	GLENWOOD AVE	07021331	0.17	Conger Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	609	84%	45%
1295	402	NJTPA	ESSEX	CALDWELL BORO	00000527	80.76	ROUTE 527	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	County	535	38%	23%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141890	0.68	OSBORNE TERR	07141095	0.25	Tillinghast Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	388	100%	93%
1295	402	NJTPA	ESSEX	MONTCLAIR TWP	07131017	0.00	GEORGE ST	07131363	1.43	Claremont Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	464	98%	55%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141912	0.86	LAFAYETTE ST	07141908	0.00	Jackson Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	615	100%	93%
1295	402	NJTPA	ESSEX	NUTLEY TWP	07000645	2.45	ESSEX COUNTY 645	07161067	0.42	Harrison Street	1	0	0	1	0	0	17.20	1.59	YES	County	539	83%	50%
1295	402	NJTPA	ESSEX	BELLEVILLE TWP	07011283	0.34	PASSAIC AVE	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	Municipal	539	50%	50%
1295	402	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	20.90	ROUTE 509	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	County	422	100%	76%
1295	402	NJTPA	ESSEX	EAST ORANGE CITY	00000509	19.23	ROUTE 509	07021227	0.33	Broadacres Drive	1	0	0	1	0	0	17.20	1.59	YES	County	48	100%	74%
1295	402	NJTPA	ESSEX	LIVINGSTON TWP	07000609	1.71	ESSEX COUNTY 609	00000010	18.75	American Legion Memorial Highway	1	0	0	1	0	0	17.20	1.59	NO	NO	1,185	39%	13%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141868	1.17	RAYMOND BLVD	07141438	0.24	Freeman Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	197	100%	93%
1295	402	NJTPA	ESSEX	BLOOMFIELD TWP	07021683	0.41	LIBERTY ST	07021685	1.09	John F Kennedy Drive	1	0	0	1	0	0	17.20	1.59	YES	Municipal	817	75%	45%
1295	402	NJTPA	ESSEX	WEST ORANGE TWP	07000636	3.82	ESSEX COUNTY 636	N/A	N/A	N/A	1	0	0	1	0	0	17.20	1.59	YES	County	905	58%	19%
1295	402	NJTPA	ESSEX	NUTLEY TWP	07161019	0.50	GRANT AVE	07161026	0.00	Weston Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	652	49%	50%
1295	402	NJTPA	ESSEX	MILLBURN TWP	07121129	0.70	GREAT OAK DR	07121130	0.05	Station Plaza	1	0	0	1	0	0	17.20	1.59	YES	Municipal	562	55%	46%
1295	402	NJTPA	ESSEX	IRVINGTON TWP	07091822	0.68	MILL RD	07091143	0.00	Webster Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	510	100%	68%
1295	402	NJTPA	ESSEX	EAST ORANGE CITY	07051144	0.20	FREEWAY DR W	07051096	0.38	South Burnet Avenue	1	0	0	1	0	0	17.20	1.59	YES	N.J.D.O.T.	325	100%	72%
1295	402	NJTPA	ESSEX	VERONA TWP	00000506	4.34	ROUTE 506	07000636	4.88	Lakeside Avenue	1	0	0	1	0	0	17.20	1.59	NO	YES	686	20%	19%
1295	402	NJTPA	ESSEX	NUTLEY TWP	07161286	0.06	UNION AVE	07161193	0.00	Oak Ridge Avenue	1	0	0	1	0	0	17.20	1.59	YES	Municipal	709	83%	50%
1295	402	NJTPA	ESSEX	NEWARK CITY	07141865	1.65	BROAD ST	07141511	0.00	New Street	1	0	0	1	0	0	17.20	1.59	YES	Municipal	718	100%	100%
1295	402	NJTPA	ESSEX	EAST ORANGE CITY																			

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian 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 ('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
OR		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
		cyclist_involved	Cyclist Involved	= 0 OR IS NULL	No pedacyclist involved

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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	-

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

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

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 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								
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07000621	0.14	ESSEX COUNTY 621	07131130	0.24	Montague Place	1	0	0	0	1	0	10.85	1.00	YES	County	464	63%	30%
2432	638	NJTPA	ESSEX	NUTLEY TWP	07161190	0.00	PROSPECT ST	07161186	0.17	Church Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	585	62%	44%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141895	2.55	BERGEN ST	07141235	0.31	14th Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	454	100%	97%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141912	0.50	LAFAYETTE ST	07141342	0.11	Union Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	718	89%	69%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07131163	0.60	NORWOOD AVE	07131189	0.21	Oakwood Avenue	1	0	0	0	1	0	10.85	1.00	NO	Municipal	554	32%	20%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07131363	0.85	CLAREMONT AVE	07131023	1.27	North Fullerton Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	464	98%	55%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141092	0.10	W. RUNYAN ST	07141103	0.57	Jelliff Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	460	100%	94%
2432	638	NJTPA	ESSEX	NEWARK CITY	00000506	2.74	ROUTE 506 SPUR	07141920	0.77	North 6th Street	1	0	0	0	1	0	10.85	1.00	YES	County	526	100%	76%
2432	638	NJTPA	ESSEX	ORANGE CITY	07171203	0.16	MAIN ST	07171078	0.21	Essex Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	494	100%	88%
2432	638	NJTPA	ESSEX	BELLEVILLE TWP	07011282	1.01	JORALEMON ST	07011283	0.00	Passaic Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	539	83%	38%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141895	0.80	BERGEN ST	07091880	1.98	Nye Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	388	100%	91%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141926	0.33	MOUNT PROSPECT AVE	07141553	0.05	East 3rd Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	633	100%	81%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07051129	0.40	LINCOLN ST	07051102	0.15	Melmore Gardens	1	0	0	0	1	0	10.85	1.00	YES	Municipal	325	100%	72%
2432	638	NJTPA	ESSEX	NEWARK CITY	00000510	26.06	ROUTE 510	07141741	0.00	Telford Street	1	0	0	0	1	0	10.85	1.00	YES	County	596	100%	59%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141260	1.00	E KINNEY ST	07141916	0.27	Washington Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	352	100%	83%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141895	3.74	BERGEN ST	07141577	0.66	7th Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	633	100%	100%
2432	638	NJTPA	ESSEX	NEWARK CITY	00000508	9.84	ROUTE 508	07141224	0.00	South 8th Street	1	0	0	0	1	0	10.85	1.00	YES	County	417	100%	100%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.00	ESSEX COUNTY 603	07091087	0.00	43rd Street	1	0	0	0	1	0	10.85	1.00	YES	County	526	100%	80%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141354	0.10	POLK ST	07141844	0.57	Ferry Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	615	100%	93%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07171145	0.60	FREEWAY DR S.	07171117	0.02	Kenilworth Place	1	0	0	0	1	0	10.85	1.00	YES	N.J.D.O.T.	418	100%	88%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141929	0.35	2ND AVE	07141592	0.68	Garside Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	633	100%	81%
2432	638	NJTPA	ESSEX	NEWARK CITY	07051873	0.00	4TH AVE	07141665	0.16	4th Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	422	100%	80%
2432	638	NJTPA	ESSEX	MAPLEWOOD TWP	07111794	0.08	W PARKER AVE	07111120	0.13	Dunnell Road	1	0	0	0	1	0	10.85	1.00	YES	Municipal	565	36%	27%
2432	638	NJTPA	ESSEX	ORANGE CITY	07171203	0.80	MAIN ST	07171830	0.00	Glenwood Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	418	100%	88%
2432	638	NJTPA	ESSEX	NEWARK CITY	07091881	2.16	CLINTON AVE	07141107	0.00	Milford Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	202	100%	94%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07131686	0.16	WASHINGTON AVE	07131279	0.50	Willowdale Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	411	98%	55%
2432	638	NJTPA	ESSEX	WEST ORANGE TWP	07000660	0.42	ESSEX COUNTY 660	07221166	0.00	Brennan Drive	1	0	0	0	1	0	10.85	1.00	YES	County	408	99%	51%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141676	0.00	9TH AVE	07141921	0.15	Roseville Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	417	100%	100%
2432	638	NJTPA	ESSEX	MAPLEWOOD TWP	00000124	13.86	NJ 124	07110015	0.60	Ruters Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	376	96%	34%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.21	ROUTE 506	07131106	0.00	Park Street	1	0	0	0	1	0	10.85	1.00	YES	County	464	98%	55%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07051122	0.40	CHESTNUT ST	07141876	0.95	South Munn Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	468	100%	72%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141511	0.00	NEW ST	07141865	1.65	Broad Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	718	100%	100%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07051162	0.00	GREENWOOD AVE	07051031	0.25	Edson Place	1	0	0	0	1	0	10.85	1.00	YES	Municipal	488	100%	74%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07051129	0.70	LINCOLN ST	07171203	1.05	Dr Martin Luther King Jr Boulevard	1	0	0	0	1	0	10.85	1.00	YES	Municipal	325	100%	72%
2432	638	NJTPA	ESSEX	NEWARK CITY	07000603	3.28	ESSEX COUNTY 603	07091883	1.45	15th Avenue	1	0	0	0	1	0	10.85	1.00	YES	County	202	100%	100%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.25	ROUTE 508	07051117	0.94	Norwood Street	1	0	0	0	1	0	10.85	1.00	YES	County	325	100%	72%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141916	0.66	WASHINGTON ST	07141291	0.00	Malden Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	645	100%	100%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141912	0.76	LAFAYETTE ST	07141372	0.34	Monroe Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	615	100%	93%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141865	1.86	BROAD ST	07141497	0.11	Lombardy Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	718	100%	100%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141596	0.10	CHESTER AVE	07141618	0.30	Lincoln Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	652	100%	81%
2432	638	NJTPA	ESSEX	MAPLEWOOD TWP	07111796	0.39	TUSCAN RD	07111058	0.39	Summit Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	376	96%	34%
2432	638	NJTPA	ESSEX	BLOOMFIELD TWP	07021685	0.51	JFK DR	N/A	N/A	1	0	0	0	0	1	0	10.85	1.00	YES	Municipal	609	84%	45%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07141885	0.69	18TH AVE	07091709	0.83	Columbia Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	331	100%	98%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141514	0.46	WARREN ST	07141916	1.01	Washington Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	718	100%	100%
2432	638	NJTPA	ESSEX	BELLEVILLE TWP	07011221	0.0																	

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian 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 ('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
Safety Voyager Accidents Table	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
Safety Voyager Accidents Table	OR	crash_type	Crash Type	= '13'	13 - Pedestrian
		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
Safety Voyager Accidents Table	OR	cyclist_involved	Cyclist Involved	= 0 OR IS NULL	No pedacyclist involved

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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	-

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

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

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 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
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07171203	1.51	MAIN ST	07051824	0.46	South Arlington Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	48	100%	72%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07051031	0.20	EATON PL	07051039	0.52	North 18th Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	48	100%	74%
2432	638	NJTPA	ESSEX	BLOOMFIELD TWP	07171830	1.72	GLENWOOD AVE	07021233	0.00	Maolis Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	442	100%	45%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141260	0.83	E KINNEY ST	07141865	0.82	Broad Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	352	100%	83%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141444	0.49	FLEMING AVE	07141441	0.17	Lister Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	197	100%	93%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07051828	1.02	EVERGREEN PL	07051102	0.24	Melmore Gardens	1	0	0	0	1	0	10.85	1.00	YES	Municipal	325	100%	72%
2432	638	NJTPA	ESSEX	NEWARK CITY	00000510	25.80	ROUTE 510	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	County	596	100%	59%
2432	638	NJTPA	ESSEX	WEST ORANGE TWP	07221296	0.00	BLACKBURNE TERR	07000611	1.46	Eagle Rock Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	1,112	61%	7%
2432	638	NJTPA	ESSEX	VERONA TWP	00000506	5.35	ROUTE 506	07201041	0.00	Sunset Avenue	1	0	0	0	1	0	10.85	1.00	YES	County	686	57%	30%
2432	638	NJTPA	ESSEX	NEWARK CITY	00000509	18.70	ROUTE 509	07021201	0.00	Macleod Lane	1	0	0	0	1	0	10.85	1.00	YES	County	369	100%	74%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141193	0.80	S. 9TH ST	00000510	27.75	South Orange Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	840	100%	81%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07000602	1.10	ESSEX COUNTY 602	07141166	0.00	Stecher Street	1	0	0	0	1	0	10.85	1.00	YES	County	249	100%	72%
2432	638	NJTPA	ESSEX	ORANGE CITY	07171030	0.19	HENRY ST	07171078	0.55	Essex Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	494	100%	78%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141680	0.29	S 14TH ST	07051875	0.94	Sussex Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	48	100%	81%
2432	638	NJTPA	ESSEX	NEWARK CITY	07000603	2.10	ESSEX COUNTY 603	07141212	0.53	South 16th Street	1	0	0	0	1	0	10.85	1.00	YES	County	331	100%	98%
2432	638	NJTPA	ESSEX	NEWARK CITY	07011661	0.30	DAVENPORT AVE	07141650	1.78	North 7th Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	652	99%	88%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07051823	0.63	S CLINTON ST	07051832	0.51	Elmwood Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	426	100%	74%
2432	638	NJTPA	ESSEX	NEWARK CITY	07000605	0.88	ESSEX COUNTY 605	07141796	0.29	Ivy Street	1	0	0	0	1	0	10.85	1.00	YES	County	200	100%	60%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141844	1.26	FERRY ST	07141438	0.00	Freeman Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	197	100%	93%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07000623	0.29	ESSEX COUNTY 623	07131363	1.22	Claremont Avenue	1	0	0	0	1	0	10.85	1.00	YES	County	464	98%	55%
2432	638	NJTPA	ESSEX	NEWARK CITY	07091883	2.23	15TH AVE	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	Municipal	352	100%	83%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141923	0.30	NEBITT ST	07141900	2.67	Clifton Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	633	100%	100%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.81	ROUTE 506	07131266	0.00	Hartley Street	1	0	0	0	1	0	10.85	1.00	YES	County	464	98%	55%
2432	638	NJTPA	ESSEX	BLOOMFIELD TWP	07021680	0.41	BROUGHTON AVE	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	Municipal	520	75%	35%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141621	0.20	IRVING ST	07141542	0.24	Summer Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	553	100%	71%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141260	0.80	E KINNEY ST	07141382	0.00	East Kinney Place	1	0	0	0	1	0	10.85	1.00	YES	Municipal	352	100%	83%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141252	0.00	HUNTERDON ST	00000510	28.15	South Orange Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	454	100%	97%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141904	1.66	DR ML KING JR BLVD	07141922	1.33	Orange Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	633	100%	100%
2432	638	NJTPA	ESSEX	BLOOMFIELD TWP	07021108	0.00	MORRIS PL	07021109	0.02	Hoover Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	607	72%	43%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07131115	0.32	MIDLAND AVE	07131362	0.21	Walnut Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	464	63%	30%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.27	ESSEX COUNTY 603	07091090	0.13	38th Street	1	0	0	0	1	0	10.85	1.00	YES	County	593	100%	80%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141360	0.90	E KINNEY ST	07141299	0.00	Crawford Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	352	100%	83%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07131360	0.36	CHESTNUT ST	07131358	0.59	Park Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	454	63%	30%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07141884	0.39	VALLEY ST	07091040	0.00	Fuller Place	1	0	0	0	1	0	10.85	1.00	YES	Municipal	417	100%	82%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141508	0.20	BEEKER ST	07141916	1.17	Washington Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	718	100%	100%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141912	0.44	LAFAYETTE ST	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	Municipal	718	92%	69%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141905	0.57	WILSON AVE	07141428	0.00	Hawkins Street	1	0	0	0	1	0	10.85	1.00	YES	NO	1,127	94%	52%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	00000509	16.30	ROUTE 509	07021085	0.20	New Street	1	0	0	0	1	0	10.85	1.00	YES	County	249	100%	72%
2432	638	NJTPA	ESSEX	BLOOMFIELD TWP	00000506	1.14	ROUTE 506 SPUR	07021685	0.01	John F Kennedy Drive	1	0	0	0	1	0	10.85	1.00	YES	County	609	84%	45%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07131363	1.38	CLAREMONT AVE	07131014	0.21	Pine Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	464	98%	55%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07171165	0.10	WEBSTER PL	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	Municipal	418	100%	88%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.18	ESSEX COUNTY 603	07091045	0.00	Brookside Avenue	1	0	0	0	1	0	10.85	1.00	YES	County	331	100%	98%
2432	638	NJTPA	ESSEX	NEWARK CITY	07000658	3.72	ESSEX COUNTY 658	07141592	0.17	Garside Avenue	1	0	0	0	1	0	10.85	1.00	YES	County	633	100%	81%
2432	638	NJTPA	ESSEX	NEWARK CITY	00000508	11.19	ROUTE 508	07141317	0.05	Halsey Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	718	100%	100%
2432	638	NJTPA	ESSEX	SOUTH ORANGE TWP	07000638	2.22	ESSEX COUNTY 638	00000510	24.56	South Orange Avenue	1	0	0	0	1	0	10.85	1.00	YES	County	984	50%	46%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07000601	0.69	ESSEX COUNTY 601	07091116	0.14	Essex Street	1	0	0	0	1	0	10.85	1.00	YES	County	510	100%	68%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141929	0.45	2ND AVE	07141594	0.39	Wakeman Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	633	100%	81%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141885	2.52	18TH AVE	07141109	0.13	Clinton Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	202	100%	97%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07131363	1.49	CLAREMONT AVE	07131362	1.04	Walnut Crescent	1	0	0	0	1	0	10.85	1.00	YES	Municipal	607	98%	55%
2432	638	NJTPA	ESSEX	NEWARK CITY	07000667	2.07	ESSEX COUNTY 667	07141606	0.39	Sylvan Avenue	1	0	0	0	1	0	10.85	1.00	YES	County	553	100%	71%

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian 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 ('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
OR		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
		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	-

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

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

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 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
2432	638	NJTPA	ESSEX	NEWARK CITY	07141900	2.40	IRVINE TURNER BLVD	07141518	0.00	Dickerson Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	633	100%	100%
2432	638	NJTPA	ESSEX	NEWARK CITY	00000510	28.15	ROUTE 510	07141252	0.00	Hunterdon Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	454	100%	97%
2432	638	NJTPA	ESSEX	BELLEVILLE TWP	07011221	0.12	MAIN ST	07011001	0.00	Joralemon Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	438	92%	44%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141867	0.40	N/A	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	Municipal	718	100%	69%
2432	638	NJTPA	ESSEX	MILLBURN TWP	00000577	3.82	ROUTE 577	07191112	0.17	Twin Oak Road	1	0	0	0	1	0	10.85	1.00	YES	Municipal	670	55%	46%
2432	638	NJTPA	ESSEX	CALDWELL BORO	00000506	2.24	ROUTE 506	07000631	0.00	Central Avenue	1	0	0	0	1	0	10.85	1.00	YES	County	706	23%	23%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141334	0.20	ASTOR ST	07141119	0.25	Pennsylvania Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	352	100%	94%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07191831	1.95	CENTRE ST	07171203	0.86	Dr Martin Luther King Jr Boulevard	1	0	0	0	1	0	10.85	1.00	YES	Municipal	325	100%	88%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07171203	1.20	MAIN ST	07051823	1.41	North Clinton Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	325	100%	72%
2432	638	NJTPA	ESSEX	NEWARK CITY	07000645	0.50	ESSEX COUNTY 645	07011205	0.19	Clara Mass Drive	1	0	0	0	1	0	10.85	1.00	YES	County	553	97%	88%
2432	638	NJTPA	ESSEX	NEWARK CITY	07221877	2.16	TREMONT AVE	07051737	0.57	Freeman Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	369	100%	74%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07091821	0.00	40TH ST	07000619	0.19	Stuyvesant Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	510	100%	59%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141568	0.00	STATE ST	07141904	1.79	Dr Martin Luther King Jr Boulevard	1	0	0	0	1	0	10.85	1.00	YES	Municipal	633	100%	100%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141931	0.47	ELWOOD AVE	07141616	0.00	Elwood Place	1	0	0	0	1	0	10.85	1.00	YES	Municipal	652	100%	71%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141353	0.40	PULASKI ST	07141400	0.29	Backus Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	907	94%	64%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07131251	0.10	N/A	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	Municipal	464	30%	30%
2432	638	NJTPA	ESSEX	GLEN RIDGE BORO	07000654	0.33	ESSEX COUNTY 654	07081044	0.48	Forest Avenue	1	0	0	0	1	0	10.85	1.00	YES	County	607	68%	43%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	00000509	18.12	ROUTE 509	07021018	0.00	Parsons Court	1	0	0	0	1	0	10.85	1.00	YES	County	331	98%	98%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07000623	0.12	ESSEX COUNTY 623	07081356	0.34	Glenridge Avenue	1	0	0	0	1	0	10.85	1.00	YES	County	464	98%	55%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07051828	1.42	EVERGREEN PL	07051870	0.80	Springdale Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	442	100%	68%
2432	638	NJTPA	ESSEX	NEWARK CITY	00000510	26.17	ROUTE 510	07051117	0.00	Amherst Street	1	0	0	0	1	0	10.85	1.00	YES	County	488	100%	74%
2432	638	NJTPA	ESSEX	NEWARK CITY	07091882	0.50	AVON AVE	07141901	0.28	South 11th Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	331	100%	98%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07091881	0.10	CLINTON AVE	07091002	0.45	Augusta Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	331	100%	98%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141906	0.57	SOUTH ST	07141369	0.05	Pacific Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	907	97%	80%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141904	0.50	DR ML KING JR BLVD	07142005	0.00	Eagles Parkway	1	0	0	0	1	0	10.85	1.00	YES	Municipal	352	100%	100%
2432	638	NJTPA	ESSEX	ORANGE CITY	07171094	0.50	LINCOLN AVE	07171008	0.17	Mountain View Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	411	100%	78%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141917	0.74	LOCK ST	07141915	0.68	University Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	718	100%	100%
2432	638	NJTPA	ESSEX	NEWARK CITY	00000508	10.11	ROUTE 508	07141230	0.26	2nd Street	1	0	0	0	1	0	10.85	1.00	YES	County	649	100%	100%
2432	638	NJTPA	ESSEX	ORANGE CITY	00000508	7.60	ROUTE 508	07171106	0.13	Ogden Street	1	0	0	0	1	0	10.85	1.00	YES	County	426	100%	78%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141376	0.66	ELM ST	07141234	0.04	Pacific Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	718	69%	69%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07000621	1.19	ESSEX COUNTY 621	07131011	0.13	Holland Ter	1	0	0	0	1	0	10.85	1.00	YES	County	496	53%	29%
2432	638	NJTPA	ESSEX	NEWARK CITY	07000605	0.69	ESSEX COUNTY 605	07141778	0.00	Fleetwood Place	1	0	0	0	1	0	10.85	1.00	YES	County	200	100%	80%
2432	638	NJTPA	ESSEX	ORANGE CITY	00000508	7.10	ROUTE 508	07171094	0.80	Lincoln Avenue	1	0	0	0	1	0	10.85	1.00	YES	County	411	100%	78%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07091881	0.39	CLINTON AVE	07091010	0.57	Coit Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	331	100%	98%
2432	638	NJTPA	ESSEX	WEST ORANGE TWP	07221447	0.21	HARRISON AVE	07221202	0.17	Maple Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	408	96%	68%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141885	2.10	18TH AVE	07141895	2.02	Bergen Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	202	100%	97%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141545	0.30	BROAD ST	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	Municipal	633	100%	81%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141912	0.99	LAFAYETTE ST	07141353	0.61	Pulaski Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	615	100%	93%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07221458	0.55	FRANKLIN AVE	07221237	0.31	Grant Terr	1	0	0	0	1	0	10.85	1.00	YES	Municipal	408	95%	68%
2432	638	NJTPA	ESSEX	NEWARK CITY	07091881	2.10	CLINTON AVE	07141009	0.00	Stratford Place	1	0	0	0	1	0	10.85	1.00	YES	Municipal	202	100%	94%
2432	638	NJTPA	ESSEX	GLEN RIDGE BORO	07000654	0.48	ESSEX COUNTY 654	07021336	0.56	Essex Avenue	1	0	0	0	1	0	10.85	1.00	YES	County	607	60%	43%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	00000509	16.07	ROUTE 509	07021083	0.23	Beach Street	1	0	0	0	1	0	10.85	1.00	YES	County	249	100%	72%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141238	0.30	13TH AVE	07141222	0.53	South 7th Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	454	100%	97%
2432	638	NJTPA	ESSEX	NEWARK CITY	07091883	2.60	15TH AVE	07141343	0.37	Mcwhorter Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	718	100%	80%
2432	638	NJTPA	ESSEX	ORANGE CITY	07171094	0.73	LINCOLN AVE	07171018	0.14	New England Ter	1	0	0	0	1	0	10.85	1.00	YES	Municipal	411	100%	78%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141844	1.14	FERRY ST	07141846	1.11	Market Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	197	100%	93%
2432	638	NJTPA	ESSEX	BLOOMFIELD TWP	00000505	0.92	ROUTE 506 SPUR	07021331	0.00	Conger Street	1	0	0	0	1	0	10.85	1.00	YES	County	609	100%	45%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07051832	0.90	N/A	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	Municipal	369	74%	74%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141891	1.76	ELIZABETH AVE	07141124	0.19	Hunter Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	202	100%	94%
2432	638	NJTPA	ESSEX	MAPLEWOOD TWP	07111794	0.84	W PARKER AVE	07111065	0.27	Burroughs Way	1	0	0	0	1	0	10.85	1.00	YES	Municipal	200	100%	60%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141912	0.65																	

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian 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 ('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
Safety Voyager Accidents Table	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
Safety Voyager Accidents Table	OR	crash_type	Crash Type	= '13'	13 - Pedestrian
		ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
Safety Voyager Accidents Table	OR	cyclist_involved	Cyclist Involved	= 0 OR IS NULL	No pedacyclist involved

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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	-

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

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

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 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								
2432	638	NJTPA	ESSEX	SOUTH ORANGE TWP	0000577	7.18	ROUTE 577	07221272	0.00		Rooney Cir	1	0	0	0	1	0	10.85	1.00	YES	43%	26%	26%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141292	0.20	MURRAY ST	07141339	0.09		NJ Railroad Avenue	1	0	0	0	1	0	10.85	1.00	YES	352	100%	80%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141288	0.20	BRANFORD PL	07141916	0.71		Washington Street	1	0	0	0	1	0	10.85	1.00	YES	645	100%	100%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07000668	0.35	ESSEX COUNTY 668	07131269	0.24		Elmwood Avenue	1	0	0	0	1	0	10.85	1.00	YES	411	98%	55%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.17	ESSEX COUNTY 603	07091085	0.00		41st Street	1	0	0	0	1	0	10.85	1.00	YES	593	100%	80%
2432	638	NJTPA	ESSEX	VERONA TWP	07000639	0.44	ESSEX COUNTY 639	07201112	0.26		Franklin Street	1	0	0	0	1	0	10.85	1.00	NO	686	20%	19%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07051823	1.55	S CLINTON ST	07171874	1.33		William Street	1	0	0	0	1	0	10.85	1.00	YES	325	100%	72%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07091827	0.64	CLERMONT AVE	07091880	0.46		Nye Avenue	1	0	0	0	1	0	10.85	1.00	YES	331	100%	98%
2432	638	NJTPA	ESSEX	BLOOMFIELD TWP	07021013	0.00	RAWSON ST	07021869	0.76		Montgomery Street	1	0	0	0	1	0	10.85	1.00	YES	644	75%	54%
2432	638	NJTPA	ESSEX	WEST ORANGE TWP	00000508	5.96	ROUTE 508	07221113	0.00		Carter Road	1	0	0	0	1	0	10.85	1.00	YES	408	95%	49%
2432	638	NJTPA	ESSEX	FAIRFIELD BORO	07000625	1.16	ESSEX COUNTY 625	07071058	0.00		Annette Road	1	0	0	0	1	0	10.85	1.00	YES	847	45%	9%
2432	638	NJTPA	ESSEX	MAPLEWOOD TWP	07111797	0.26	PROSPECT ST	07111039	0.23		Harvard Avenue	1	0	0	0	1	0	10.85	1.00	YES	376	96%	30%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141444	0.27	FLEMING AVE	07141455	0.00		Roanoke Avenue	1	0	0	0	1	0	10.85	1.00	YES	197	100%	93%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07131362	0.41	WALNUT AVE	07131023	1.42		North Fullerton Avenue	1	0	0	0	1	0	10.85	1.00	YES	464	68%	30%
2432	638	NJTPA	ESSEX	NEWARK CITY	00000510	26.66	ROUTE 510	07091709	1.38		Columbia Avenue	1	0	0	0	1	0	10.85	1.00	YES	369	100%	74%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141915	0.89	UNIVERSITY AVE	07141938	0.13		Branford Place	1	0	0	0	1	0	10.85	1.00	YES	645	100%	100%
2432	638	NJTPA	ESSEX	ORANGE CITY	07171094	0.70	LINCOLN AVE	07171018	0.13		New England Ter	1	0	0	0	1	0	10.85	1.00	YES	411	100%	78%
2432	638	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	20.98	ROUTE 509	16021380	0.48		Notch Road	1	0	0	0	1	0	10.85	1.00	YES	524	100%	76%
2432	638	NJTPA	ESSEX	NEWARK CITY	07091881	1.66	CLINTON AVE	07141005	0.26		Peshine Avenue	1	0	0	0	1	0	10.85	1.00	YES	202	100%	94%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07000619	1.96	ESSEX COUNTY 619	07141779	0.30		Mountain View Place	1	0	0	0	1	0	10.85	1.00	YES	593	100%	80%
2432	638	NJTPA	ESSEX	GLEN RIDGE BORO	07000653	1.37	ESSEX COUNTY 653	00000506	7.57		Belleville Avenue	1	0	0	0	1	0	10.85	1.00	YES	685	98%	55%
2432	638	NJTPA	ESSEX	NEWARK CITY	07091883	1.70	15TH AVE	07141275	0.00		Howard Street	1	0	0	0	1	0	10.85	1.00	YES	202	100%	100%
2432	638	NJTPA	ESSEX	BELLEVILLE TWP	07000647	1.32	ESSEX COUNTY 647	07011065	0.41		Greylock Parkway	1	0	0	0	1	0	10.85	1.00	YES	539	84%	50%
2432	638	NJTPA	ESSEX	NEWARK CITY	07091881	2.00	CLINTON AVE	07141898	0.46		Hillside Avenue	1	0	0	0	1	0	10.85	1.00	YES	202	100%	94%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141444	0.17	FLEMING AVE	07141439	0.15		Oxford Street	1	0	0	0	1	0	10.85	1.00	YES	197	100%	93%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07091002	0.10	AUGUSTA AVE	07091204	0.00		Stratford Place	1	0	0	0	1	0	10.85	1.00	YES	553	100%	75%
2432	638	NJTPA	ESSEX	BLOOMFIELD TWP	07021869	0.64	MUNICIPAL PLAZA	07021002	0.00		Orchard Street	1	0	0	0	1	0	10.85	1.00	YES	644	75%	54%
2432	638	NJTPA	ESSEX	NEWARK CITY	07091881	2.66	CLINTON AVE	07141916	0.00		Washington Street	1	0	0	0	1	0	10.85	1.00	YES	352	100%	94%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07191831	2.30	CENTRE ST	N/A	N/A		N/A	1	0	0	0	1	0	10.85	1.00	YES	524	100%	88%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07141876	1.39	N MUNN AVE	07171874	0.99		William Street	1	0	0	0	1	0	10.85	1.00	YES	48	100%	72%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141906	0.46	SOUTH ST	07141363	0.09		Dawson Street	1	0	0	0	1	0	10.85	1.00	YES	97	90%	80%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141900	2.63	IRVINE TURNER BLVD	07142069	0.05		Lackawanna Avenue	1	0	0	0	1	0	10.85	1.00	YES	633	100%	100%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141865	0.56	BROAD ST	07141120	0.14		Lincoln Park	1	0	0	0	1	0	10.85	1.00	YES	352	100%	94%
2432	638	NJTPA	ESSEX	NEWARK CITY	00000510	28.30	ROUTE 510	07141248	0.13		Newton Street	1	0	0	0	1	0	10.85	1.00	YES	454	100%	100%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07000602	0.83	ESSEX COUNTY 602	00000509	9.52		Kenilworth Boulevard	1	0	0	0	1	0	10.85	1.00	YES	513	100%	72%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141235	0.31	14TH AVE	07141895	2.55		Bergen Street	1	0	0	0	1	0	10.85	1.00	YES	454	100%	97%
2432	638	NJTPA	ESSEX	NEWARK CITY	07000602	1.24	ESSEX COUNTY 602	07141872	0.49		Wainwright Street	1	0	0	0	1	0	10.85	1.00	YES	249	100%	72%
2432	638	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	21.30	ROUTE 509	16021414	0.00		Knox Place	1	0	0	0	1	0	10.85	1.00	YES	785	100%	76%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141908	0.35	JACKSON ST	07141352	0.00		Jackson Street	1	0	0	0	1	0	10.85	1.00	YES	615	100%	93%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141885	1.58	18TH AVE	07141201	0.52		South 13th Street	1	0	0	0	1	0	10.85	1.00	YES	331	100%	98%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07051130	0.20	N WALNUT ST	N/A	N/A		N/A	1	0	0	0	1	0	10.85	1.00	YES	325	100%	72%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.48	ROUTE 506	07131026	0.16		South Willow Street	1	0	0	0	1	0	10.85	1.00	YES	464	98%	55%
2432	638	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	25.00	ROUTE 509	16000648	0.37		Market Street	1	0	0	0	1	0	10.85	1.00	YES	467	75%	35%
2432	638	NJTPA	ESSEX	NEWARK CITY	07000603	2.73	ESSEX COUNTY 603	07141227	1.41		North 4th Street	1	0	0	0	1	0	10.85	1.00	YES	202	100%	97%
2432	638	NJTPA	ESSEX	NEWARK CITY	07000603	3.02	ESSEX COUNTY 603	07141260	1.83		West Kinney Street												

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian 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 ('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	
	crash_type	Crash Type	= '13'	13 - Pedestrian	
OR	ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved	
	cyclist_involved	Cyclist Involved	= 0 OR IS NULL	No pedacyclist involved	

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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	-

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

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

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

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								
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07000658	1.60	ESSEX COUNTY 658	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	County	325	100%	72%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	00000509	16.00	ROUTE 509	07091154	0.03	Ens Place	1	0	0	0	1	0	10.85	1.00	YES	County	249	100%	64%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07171874	1.23	WILLIAM ST	07051130	0.28	North Walnut Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	325	100%	72%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07131036	0.00	CHRISTOPHER ST	07131362	0.71	Walnut Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	464	98%	55%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141077	0.80	ROSE ST	07141080	0.00	Rose Ter	1	0	0	0	1	0	10.85	1.00	YES	Municipal	202	100%	94%
2432	638	NJTPA	ESSEX	WEST CALDWELL BORO	00000506	1.22	ROUTE 506	07000613	2.64	Passaic Avenue	1	0	0	0	1	0	10.85	1.00	NO	County	663	20%	21%
2432	638	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	24.97	ROUTE 509	16000648	0.37	Market Street	1	0	0	0	1	0	10.85	1.00	YES	County	467	75%	35%
2432	638	NJTPA	ESSEX	NEWARK CITY	07091883	1.41	15TH AVE	07141243	0.10	Hayes Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	202	100%	97%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07131134	0.20	CENTRAL AVE	07131175	0.15	James Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	464	57%	30%
2432	638	NJTPA	ESSEX	NEWARK CITY	07000603	3.49	ESSEX COUNTY 603	07142003	0.11	Broome Street	1	0	0	0	1	0	10.85	1.00	YES	County	454	100%	100%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141895	0.42	BERGEN ST	07141060	0.24	Lehigh Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	460	100%	72%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141900	0.74	IRVINE TURNER BLVD	07091882	1.29	Avon Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	202	100%	94%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141894	0.00	HAWTHORNE AVE	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	Municipal	460	100%	94%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	07000621	2.67	ESSEX COUNTY 621	07131156	0.17	Wellesley Road	1	0	0	0	1	0	10.85	1.00	NO	County	554	40%	20%
2432	638	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.44	ROUTE 506	07131257	0.00	Seymour Street	1	0	0	0	1	0	10.85	1.00	YES	County	464	98%	55%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141844	0.78	FERRY ST	07141403	0.48	Niagara Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	615	100%	93%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141912	0.36	LAFAYETTE ST	07141339	0.99	NJ Railroad Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	718	100%	69%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141920	0.05	N 6TH ST	07141659	0.00	Rose Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	652	99%	88%
2432	638	NJTPA	ESSEX	FAIRFIELD BORO	07000625	1.57	ESSEX COUNTY 625	07071128	0.00	Francois Drive	1	0	0	0	1	0	10.85	1.00	YES	County	415	45%	17%
2432	638	NJTPA	ESSEX	ORANGE CITY	07171827	0.00	DODD ST	07191831	3.07	Washington Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	442	100%	88%
2432	638	NJTPA	ESSEX	BLOOMFIELD TWP	00000506S	1.65	ROUTE 506 SPUR	07171827	1.78	Watsessing Avenue	1	0	0	0	1	0	10.85	1.00	YES	County	785	99%	76%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07051870	0.70	SPRINGDALE AVE	07051877	0.26	Woodland Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	442	100%	68%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.79	ESSEX COUNTY 603	07091070	0.00	William S Bull Street	1	0	0	0	1	0	10.85	1.00	YES	County	553	100%	80%
2432	638	NJTPA	ESSEX	BELLEVILLE TWP	07000647	0.90	ESSEX COUNTY 647	07011220	0.57	Division Avenue	1	0	0	0	1	0	10.85	1.00	YES	County	438	92%	44%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141920	1.13	N 6TH ST	07141666	0.13	3rd Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	422	100%	80%
2432	638	NJTPA	ESSEX	VERONA TWP	07201094	0.10	BROOKSIDE TER	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	NO	Municipal	686	20%	19%
2432	638	NJTPA	ESSEX	NEWARK CITY	07091881	1.06	CLINTON AVE	07141903	2.30	South 12th Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	388	100%	93%
2432	638	NJTPA	ESSEX	BELLEVILLE TWP	07000670	0.52	ESSEX COUNTY 670	07141650	2.23	North 7th Street	1	0	0	0	1	0	10.85	1.00	YES	County	652	99%	88%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141904	0.58	DR ML KING JR BLVD	07091883	1.87	Court Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	454	100%	100%
2432	638	NJTPA	ESSEX	ORANGE CITY	07191831	0.76	CENTRE ST	07171141	0.00	South Center Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	671	100%	67%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141449	0.20	MARGARETTA ST	07141905	0.68	Wilson Avenue	1	0	0	0	1	0	10.85	1.00	YES	County	1,127	94%	52%
2432	638	NJTPA	ESSEX	MILLBURN TWP	00000527	71.38	ROUTE 527	07121444	0.00	Brookside Drive	1	0	0	0	1	0	10.85	1.00	YES	County	670	55%	46%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07091825	0.27	MADISON AVE	07141884	0.52	Orange Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	417	100%	82%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07051153	0.00	BROOKWOOD ST	00000510	26.27	South Orange Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	488	100%	74%
2432	638	NJTPA	ESSEX	NEWARK CITY	07091882	0.58	AVON AVE	07141189	1.77	South 10th Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	632	100%	93%
2432	638	NJTPA	ESSEX	NEWARK CITY	00000506S	4.01	ROUTE 506 SPUR	07141556	0.00	Crane Street	1	0	0	0	1	0	10.85	1.00	YES	County	633	100%	81%
2432	638	NJTPA	ESSEX	IRVINGTON TWP	07000665	1.90	ESSEX COUNTY 665	07091101	0.00	Civic Sq	1	0	0	0	1	0	10.85	1.00	YES	County	553	100%	80%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141900	2.47	IRVINE TURNER BLVD	07141919	0.70	Sussex Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	633	100%	100%
2432	638	NJTPA	ESSEX	BLOOMFIELD TWP	00000506S	0.82	ROUTE 506 SPUR	07000663	0.00	Broad Street	1	0	0	0	1	0	10.85	1.00	YES	County	609	84%	45%
2432	638	NJTPA	ESSEX	NEWARK CITY	00000510	27.34	ROUTE 510	07141216	0.00	South 17th Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	369	100%	74%
2432	638	NJTPA	ESSEX	NEWARK CITY	00000510	26.01	ROUTE 510	07051743	0.71	Crawford Street	1	0	0	0	1	0	10.85	1.00	YES	County	596	100%	59%
2432	638	NJTPA	ESSEX	BELLEVILLE TWP	07000647	0.00	ESSEX COUNTY 647	07000672	0.61	Mill Street	1	0	0	0	1	0	10.85	1.00	YES	County	553	100%	71%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141353	0.51	PULASKI ST	07091883	3.22	Walnut Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	913	94%	93%
2432	638	NJTPA	ESSEX	NEWARK CITY	07000605	1.04	ESSEX COUNTY 605	07191766	0.54	Underwood Street	1	0	0	0	1	0	10.85	1.00	YES	County	200	100%	60%
2432	638	NJTPA	ESSEX	SOUTH ORANGE TWP	07000665	0.19	ESSEX COUNTY 665	07191010	0.00														

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian 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 ('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
OR	ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved	
	cyclist_involved	Cyclist Involved	= 0 OR IS NULL	No pedacyclist involved	

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	-

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

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

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.

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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								
2432	638	NJTPA	ESSEX	NEWARK CITY	07141907	0.85	VAN BUREN ST	07141913	1.33	Chestnut Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	907	94%	57%
2432	638	NJTPA	ESSEX	NEWARK CITY	07171203	2.92	MAIN ST	0000508	9.94	Central Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	417	100%	100%
2432	638	NJTPA	ESSEX	NEWARK CITY	07000667	0.29	ESSEX COUNTY 667	07141583	0.22	Kearney Street	1	0	0	0	1	0	10.85	1.00	YES	County	633	100%	81%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141885	3.02	18TH AVE	07141916	0.06	Washington Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	352	100%	94%
2432	638	NJTPA	ESSEX	NEWARK CITY	07091881	2.20	CLINTON AVE	07141107	0.00	Milford Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	202	100%	94%
2432	638	NJTPA	ESSEX	ORANGE CITY	07000658	0.64	ESSEX COUNTY 658	07171029	0.29	South Day Street	1	0	0	0	1	0	10.85	1.00	YES	County	529	100%	88%
2432	638	NJTPA	ESSEX	NEWARK CITY	000005065	2.99	ROUTE 506 SPUR	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	County	526	100%	69%
2432	638	NJTPA	ESSEX	EAST ORANGE CITY	07171203	1.26	MAIN ST	07051096	0.48	South Burnet Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	325	100%	72%
2432	638	NJTPA	ESSEX	NEWARK CITY	07091881	0.92	CLINTON AVE	07141177	0.00	Girard Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	331	100%	98%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141900	1.11	IRVINE TURNER BLVD	07141885	2.46	18th Avenue	1	0	0	0	1	0	10.85	1.00	YES	Municipal	202	100%	97%
2432	638	NJTPA	ESSEX	NEWARK CITY	07091882	0.33	AVON AVE	07141211	0.37	South 15th Street	1	0	0	0	1	0	10.85	1.00	YES	Municipal	331	100%	98%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141926	1.60	MOUNT PROSPECT AVE	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	Municipal	553	100%	71%
2432	638	NJTPA	ESSEX	NEWARK CITY	07141141	0.00	POMONA AVE	N/A	N/A	N/A	1	0	0	0	1	0	10.85	1.00	YES	Municipal	249	100%	72%
4454	1130	NJTPA	ESSEX	IRVINGTON TWP	07141885	0.86	18TH AVE	07141878	0.68	Washington Avenue	2	0	0	0	0	2	2.00	0.00	YES	Municipal	331	100%	98%
4454	1130	NJTPA	ESSEX	NEWARK CITY	07141865	1.98	BROAD ST	07141916	1.41	Washington Street	2	0	0	0	0	2	2.00	0.00	YES	Municipal	633	100%	100%
4454	1130	NJTPA	ESSEX	NEWARK CITY	07000667	0.00	ESSEX COUNTY 667	00005065	3.93	Broadway	2	0	0	0	0	2	2.00	0.00	YES	County	633	100%	81%
4454	1130	NJTPA	ESSEX	NEWARK CITY	07000602	1.57	ESSEX COUNTY 602	07141892	0.00	Clinton Place	2	0	0	0	0	0	2.00	0.00	YES	County	249	100%	72%
4470	1134	NJTPA	ESSEX	NEWARK CITY	00000510	29.20	ROUTE 510	07141317	0.48	Halsey Street	1	0	0	0	0	1	1.00	0.00	YES	Municipal	718	100%	100%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141236	0.00	19TH AVE	07141210	0.57	South 14th Street	1	0	0	0	0	1	1.00	0.00	YES	Municipal	331	100%	98%
4470	1134	NJTPA	ESSEX	NEWARK CITY	00000510	29.18	ROUTE 510	07141317	0.48	Halsey Street	1	0	0	0	0	1	1.00	0.00	YES	Municipal	718	100%	100%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141895	1.65	BERGEN ST	07091882	0.97	Avon Avenue	1	0	0	0	0	1	1.00	0.00	YES	Municipal	202	100%	94%
4470	1134	NJTPA	ESSEX	IRVINGTON TWP	07091102	0.10	PARK PL	N/A	N/A	N/A	1	0	0	0	0	1	1.00	0.00	YES	Municipal	510	100%	68%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141916	0.71	WASHINGTON ST	07141288	0.19	Branford Place	1	0	0	0	0	1	1.00	0.00	YES	Municipal	645	100%	100%
4470	1134	NJTPA	ESSEX	NUTLEY TWP	07011283	1.56	PASSAIC AVE	07161203	0.00	Vreeland Avenue	1	0	0	0	0	1	1.00	0.00	YES	Municipal	618	49%	44%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07091883	1.79	15TH AVE	07141272	0.18	Lincoln Street	1	0	0	0	0	1	1.00	0.00	YES	Municipal	454	100%	100%
4470	1134	NJTPA	ESSEX	SOUTH ORANGE TWP	07000638	2.14	ESSEX COUNTY 638	07191081	0.00	First Street	1	0	0	0	0	1	1.00	0.00	YES	County	984	50%	46%
4470	1134	NJTPA	ESSEX	MAPLEWOOD TWP	07000665	1.04	ESSEX COUNTY 665	07111782	0.07	Elsmar Ter	1	0	0	0	0	1	1.00	0.00	YES	County	200	100%	80%
4470	1134	NJTPA	ESSEX	MONTCLAIR TWP	07000668	0.51	ESSEX COUNTY 668	07131215	0.17	Washington Street	1	0	0	0	0	1	1.00	0.00	YES	County	464	98%	55%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141890	0.14	OSBORNE TERR	07141063	0.52	Mapes Avenue	1	0	0	0	0	1	1.00	0.00	YES	Municipal	388	100%	72%
4470	1134	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.87	ROUTE 508	07141747	0.42	Watson Avenue	1	0	0	0	0	1	1.00	0.00	YES	County	48	100%	74%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141916	0.32	WASHINGTON ST	07141915	1.29	University Avenue	1	0	0	0	0	1	1.00	0.00	YES	Municipal	352	100%	83%
4470	1134	NJTPA	ESSEX	IRVINGTON TWP	00000509	18.26	ROUTE 509	07021183	0.35	Edison Place	1	0	0	0	0	1	1.00	0.00	YES	County	331	100%	98%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07000667	0.34	ESSEX COUNTY 667	07141584	0.00	Taylor Street	1	0	0	0	0	1	1.00	0.00	YES	County	633	100%	81%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141376	0.77	ELM ST	07141343	0.33	Mowhorter Street	1	0	0	0	0	1	1.00	0.00	YES	Municipal	718	100%	69%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141584	0.10	TAYLOR ST	07141542	1.82	Summer Avenue	1	0	0	0	0	1	1.00	0.00	YES	Municipal	633	100%	81%
4470	1134	NJTPA	ESSEX	MAPLEWOOD TWP	07000601	0.06	ESSEX COUNTY 601	07111085	0.00	44th Street	1	0	0	0	0	1	1.00	0.00	YES	County	526	100%	80%
4470	1134	NJTPA	ESSEX	EAST ORANGE CITY	07171827	0.45	DODD ST	07081005	1.02	Brighton Avenue	1	0	0	0	0	1	1.00	0.00	YES	Municipal	442	100%	64%
4470	1134	NJTPA	ESSEX	BLOOMFIELD TWP	07021680	0.74	BROUGHTON AVE	07021140	0.00	Stone Street	1	0	0	0	0	1	1.00	0.00	YES	Municipal	520	75%	35%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141846	1.08	MARKET ST	07141437	0.19	Mott Street	1	0	0	0	0	1	1.00	0.00	YES	Municipal	197	100%	93%
4470	1134	NJTPA	ESSEX	VERONA TWP	07000637	0.21	ESSEX COUNTY 637	07201106	0.19	Personette Avenue	1	0	0	0	0	1	1.00	0.00	NO	County	733	20%	19%
4470	1134	NJTPA	ESSEX	BELLEVILLE TWP	07000647	0.15	ESSEX COUNTY 647	07011082	0.12	Williams Street	1	0	0	0	0	1	1.00	0.00	YES	County	553	100%	64%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141893	0.90	HAWTHORNE AVE	07141962	0.23	Hunterdon Street	1	0	0	0	0	1	1.00	0.00	YES	Municipal	460	100%	91%
4470	1134	NJTPA	ESSEX	EAST ORANGE CITY	07000658	1.53	ESSEX COUNTY 658	07051129	0.33	Lincoln Street	1	0	0	0	0	1	1.00	0.00	YES	County	325	100%	68%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141092	0.30	W. RUNYAN ST	07141895	1.09	Bergen Street	1	0	0	0	0	1	1.00	0.00	YES	Municipal	460	100%	93%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141895	3.26	BERGEN ST	00000508	10.17	Central Avenue	1												

New Jersey Network Screening Lists, 2023

NJTPA - Pedestrian 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 ('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
	OR	ped_involved	Pedestrian Involved	> 0	At least one pedestrian involved
		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	-

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

$$eC_{TOTAL} = [K]*[eC_A]+[A]*[eC_B]+[B]*[eC_C]+[C]*[eC_O]+[PDO_{TOTAL}]*[0]$$

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 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	O
4470	1134	NJTPA	ESSEX	EAST ORANGE CITY	07191831	1.29	CENTRE ST	07051168	0.00	Clay Street	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	426	100%	67%
4470	1134	NJTPA	ESSEX	BLOOMFIELD TWP	07000655	0.74	ESSEX COUNTY 655	07021191	0.00	Whittier Place	1	0	0	0	0	1	1.00	0.00	YES	YES	County	467	75%	35%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141929	0.00	2ND AVE	07141928	0.49	Lake Street	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	867	99%	81%
4470	1134	NJTPA	ESSEX	SOUTH ORANGE TWP	07000665	0.10	ESSEX COUNTY 665	07111797	1.88	Prospect Street	1	0	0	0	0	1	1.00	0.00	YES	YES	County	758	70%	46%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07000605	1.84	ESSEX COUNTY 605	07191797	0.42	Finley Place	1	0	0	0	0	1	1.00	0.00	YES	YES	County	596	100%	59%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141909	0.45	ADAMS ST	07141391	0.00	Cottage Street	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	916	82%	64%
4470	1134	NJTPA	ESSEX	EAST ORANGE CITY	07051824	0.26	S ARLINGTON AVE	07051122	0.34	Chestnut Street	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	48	100%	72%
4470	1134	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	24.58	ROUTE 509	16081200	0.22	Slater Street	1	0	0	0	0	1	1.00	0.00	YES	YES	County	599	75%	35%
4470	1134	NJTPA	ESSEX	SOUTH ORANGE TWP	07091780	1.08	W ALLEN ST	07191018	0.47	Ward Place	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	200	100%	60%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141926	0.17	MOUNT PROSPECT AVE	00000506S	3.52	Bloomfield Avenue	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	633	100%	81%
4470	1134	NJTPA	ESSEX	NUTLEY TWP	07000647	1.73	ESSEX COUNTY 647	07161065	0.35	Hancox Avenue	1	0	0	0	0	1	1.00	0.00	YES	YES	County	539	83%	50%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141844	1.50	FERRY ST	07141441	0.14	Lister Avenue	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	197	100%	93%
4470	1134	NJTPA	ESSEX	EAST ORANGE CITY	07171827	1.05	DODD ST	07051828	1.94	Prospect Street	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	442	100%	45%
4470	1134	NJTPA	ESSEX	LIVINGSTON TWP	07101076	0.00	BROOKSIDE PL	00000527	76.09	East Cedar Street	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	577	45%	27%
4470	1134	NJTPA	ESSEX	NUTLEY TWP	07161195	0.00	PARK DR	07000648	1.07	Centre Street	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	539	83%	50%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141931	0.26	ELWOOD AVE	07141926	1.33	Mount Prospect Avenue	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	652	100%	71%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141913	1.33	DELANEY ST	07141907	0.85	Van Buren Street	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	907	94%	57%
4470	1134	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.80	ESSEX COUNTY 603	07091070	0.00	William S Bull Street	1	0	0	0	0	1	1.00	0.00	YES	YES	County	553	100%	80%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07000667	0.67	ESSEX COUNTY 667	N/A	N/A	N/A	1	0	0	0	0	1	1.00	0.00	YES	YES	County	858	99%	81%
4470	1134	NJTPA	ESSEX	EAST ORANGE CITY	07051671	0.17	1ST AVE	07051826	0.31	Ampere Parkway	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	422	100%	76%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141932	0.05	GRAFTON AVE	07141559	1.61	Highland Avenue	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	652	100%	88%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141900	2.97	IRVINE TURNER BLVD	07141578	0.09	Victoria Avenue	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	633	100%	81%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07141906	0.37	SOUTH ST	07141368	0.05	Hermon Street	1	0	0	0	0	1	1.00	0.00	YES	YES	Municipal	352	100%	80%
4470	1134	NJTPA	ESSEX	LIVINGSTON TWP	00000527	76.99	ROUTE 527	N/A	N/A	N/A	1	0	0	0	0	1	1.00	0.00	YES	YES	County	577	54%	27%
4470	1134	NJTPA	ESSEX	NEWARK CITY	07000603	2.04	ESSEX COUNTY 603	07141216	0.90	South 17th Street	1	0	0	0	0	1	1.00	0.00	YES	YES	County	331	100%	98%