

New Jersey Network Screening Lists, 2023

NJTPA - Roadway Corridor List (2018-2020 Crashes)

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

Print Date: Friday, November 3, 2023

Delivery Date: August 10, 2023

Crash Filtering Criteria

Source Table	Query Logic	Source Table Field	Readable Field	Query Values	Description
Safety Voyager Accidents Table	AND	year	Year	BETWEEN 2018 AND 2020	Years 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 At Intersection	Road System At Intersection	IN ('05', '06', '07', '08') Is 'Y'	05 - County; 06 - County Authority; 07 - Municipal; 08 - Municipal Authority Park or Institution Y - Yes

The Network Screening List is based upon a programmatic analysis of statewide locations utilizing data supplied by third party sources. Because of limitations in the data supplied and the method used to develop the list, users should be aware that the rankings of locations and data for locations may be incorrect and/or incomplete. Analysis and engineering judgement should be used when applying insights and assessing network locations. The New Jersey Department of Transportation makes no guarantees as to the accuracy, completeness, or content of the information. This list is subject to update as more information becomes available.

The New Jersey Department of Transportation, its officers, employees or agents shall not be liable for damages or losses of any kind arising out of or in connection with the use or performance of information, including but not limited to, damages or losses caused by reliance upon the accuracy or timeliness of any such information, or damages incurred from the viewing, distributing, or copying of these materials.

The materials and information provided herein are provided "as is." No warranty of any kind, implied, expressed, or statutory, including but not limited to the warranties of non-infringement of third party rights, title, merchantability, fitness for a particular purpose, and freedom from computer virus, is given with respect to the contents of this Networks Screening List or its hyperlinks to other internet resources.

Equivalent Property Damage Only (ePDO) Score Weights			
Crash Severity	KABCO Scale	2023 Dollars	ePDO Value (K=A)
Fatal	K	\$14,277,743	56.9173
Incapacitating Injury	A	\$826,309	56.9173
Non-Incapacitating Injury	B	\$249,666	17.1973
Possible Injury	C	\$157,482	10.8476
Property Damage Only	PDO	\$14,518	1.0000

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

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

Rank (ePDO)	Newark City Rank	MPO	County	Municipality	SRI	Mile Post - From	Mile Post - To	Corridor Length	Route Name	Crashes by Severity (2018-2020)					Weighted Score (ePDO)	Is EJ Area?	Is Census Block Group Pop. < 1,000?	NJDOT SLD - Lane Count	NJDOT SLD - Roadway Jurisdiction	NJDOT SLD - Functional Class	ARD - Divided By	EJScreen - Census Block Group Population (Lowest Value)	EJScreen - Minority % (Highest Value)	EJScreen - Low-Income % (Highest Value)	
										Total Crashes	K	A	B	C											O
5	1	NJTPA	ESSEX	NEWARK CITY	00000510	27.24	28.24	1.00	ROUTE 510	156	0	4	16	32	104	953.95	YES	YES	2	Municipal	Principal Arterial - Other	Painted Median	369	100%	100%
7	2	NJTPA	ESSEX	NEWARK CITY	07141865	0.49	1.49	1.00	BROAD STREET	148	0	5	7	35	101	885.63	YES	YES	6	Municipal	Principal Arterial - Other	Painted Median	352	100%	100%
10	3	NJTPA	ESSEX	NEWARK CITY	00000510	25.97	26.97	1.00	ROUTE 510	168	0	3	5	45	115	859.88	YES	YES	4	County	Principal Arterial - Other	Painted Median	369	100%	74%
17	4	NJTPA	ESSEX	NEWARK CITY	07141895	2.66	3.66	1.00	BERGEN ST	123	0	4	9	26	84	748.48	YES	YES	4	Municipal	Minor Arterial	Painted Median	454	100%	100%
26	5	NJTPA	ESSEX	NEWARK CITY	00000506S	2.51	3.51	1.00	ROUTE 506 SPUR	109	0	4	9	22	74	695.09	YES	YES	4	County	Principal Arterial - Other	Painted Median	526	100%	81%
27	6	NJTPA	ESSEX	NEWARK CITY	07141891	0.96	1.96	1.00	ELIZABETH AVE	105	1	4	5	23	72	692.07	YES	YES	4	Municipal	Minor Arterial	Painted Median	202	100%	94%
28	7	NJTPA	ESSEX	NEWARK CITY	07091881	0.14	1.14	1.00	CLINTON AVE	119	0	4	7	23	85	682.55	YES	YES	2	Municipal	Minor Arterial	None	301	100%	98%
31	8	NJTPA	ESSEX	NEWARK CITY	07000667	0.80	1.80	1.00	ESSEX COUNTY 667	113	0	3	12	19	79	662.22	YES	YES	4	County	Minor Arterial	Painted Median	553	100%	81%
39	9	NJTPA	ESSEX	NEWARK CITY	07000603	2.30	3.30	1.00	ESSEX COUNTY 603	116	0	1	11	28	76	625.82	YES	YES	4	County	Principal Arterial - Other	Painted Median	202	100%	100%
59	10	NJTPA	ESSEX	NEWARK CITY	07091882	0.13	1.13	1.00	AVON AVE	86	0	2	6	24	54	531.36	YES	YES	2	Municipal	Major Collector	Painted Median	202	100%	98%
61	11	NJTPA	ESSEX	NEWARK CITY	07091881	1.50	2.50	1.00	CLINTON AVENUE	94	0	1	8	25	60	525.69	YES	YES	2	Municipal	Minor Arterial	Painted Median	202	100%	94%
65	12	NJTPA	ESSEX	NEWARK CITY	07141885	0.59	1.59	1.00	18TH AVE	90	0	2	10	15	63	511.52	YES	YES	2	Municipal	Minor Arterial	None	331	100%	98%
68	13	NJTPA	ESSEX	NEWARK CITY	07091883	0.20	1.20	1.00	15TH AVE	67	1	4	3	11	48	503.50	YES	YES	2	Municipal	Major Collector	Painted Median	202	100%	97%
81	14	NJTPA	ESSEX	NEWARK CITY	07141844	0.08	1.08	1.00	FERRY ST	92	0	3	6	13	70	484.95	YES	YES	2	Municipal	Minor Arterial	Painted Median	197	100%	93%
120	15	NJTPA	ESSEX	NEWARK CITY	00000510	28.42	29.42	1.00	ROUTE 510	108	0	1	4	20	83	425.66	YES	YES	4	Municipal	Principal Arterial - Other	Painted Median	454	100%	100%
133	16	NJTPA	ESSEX	NEWARK CITY	07141893	0.09	1.09	1.00	HAWTHORNE AVE	73	0	3	4	13	33	413.56	YES	YES	2	Municipal	Major Collector	Painted Median	388	100%	93%
135	17	NJTPA	ESSEX	NEWARK CITY	07141867	0.00	0.61	0.61	RAYMOND BLVD	55	0	3	2	14	56	413.01	YES	YES	5	Municipal	Principal Arterial - Other	Painted Median	615	100%	100%
136	18	NJTPA	ESSEX	NEWARK CITY	07141900	1.90	2.90	1.00	CLIFTON AVE	72	0	3	4	11	54	412.86	YES	YES	3	Municipal	Minor Arterial	Painted Median	454	100%	100%
185	19	NJTPA	ESSEX	NEWARK CITY	07141905	0.00	1.00	1.00	WILSON AVE	69	0	2	7	8	52	373.00	YES	YES	2	Municipal	Minor Arterial	Painted Median	197	100%	93%
198	20	NJTPA	ESSEX	NEWARK CITY	07141916	0.11	1.11	1.00	WASHINGTON ST	73	0	0	6	20	47	367.14	YES	YES	3	Municipal	Major Collector	None	352	100%	100%
210	21	NJTPA	ESSEX	NEWARK CITY	07141900	0.63	1.63	1.00	CLIFTON AVE	69	0	1	6	14	48	359.97	YES	YES	4	Municipal	Minor Arterial	Painted Median	202	100%	100%
227	22	NJTPA	ESSEX	NEWARK CITY	00000508	10.53	11.53	1.00	ROUTE 508	48	0	2	5	11	30	349.14	YES	YES	4	County	Principal Arterial - Other	Painted Median	633	100%	100%
228	23	NJTPA	ESSEX	NEWARK CITY	07141846	0.00	1.00	1.00	MARKET ST	90	0	1	7	9	73	347.93	YES	YES	4	Municipal	Principal Arterial - Other	Painted Median	615	100%	93%
239	24	NJTPA	ESSEX	NEWARK CITY	07000658	2.80	3.80	1.00	ESSEX COUNTY 658	93	0	1	4	13	75	341.73	YES	YES	4	County	Principal Arterial - Other	Painted Median	417	100%	81%
248	25	NJTPA	ESSEX	NEWARK CITY	07141912	0.21	1.17	0.96	LAFAYETTE ST	58	0	1	7	11	39	335.62	YES	YES	2	Municipal	Major Collector	Painted Median	615	100%	93%
250	26	NJTPA	ESSEX	NEWARK CITY	07141113	0.00	1.00	1.00	MADISON AVE	40	1	1	4	12	22	334.79	YES	YES	2	Municipal	Local	Painted Median	202	100%	98%
251	27	NJTPA	ESSEX	NEWARK CITY	07171203	1.36	2.36	1.00	MAIN ST	46	0	3	2	9	32	334.77	YES	YES	4	Municipal	Principal Arterial - Other	Painted Median	48	100%	81%
308	28	NJTPA	ESSEX	NEWARK CITY	07141885	2.14	3.09	0.95	18TH AVE	40	0	1	7	10	22	307.77	YES	YES	2	Municipal	Minor Arterial	Painted Median	202	100%	97%
313	29	NJTPA	ESSEX	NEWARK CITY	07171203	3.00	4.00	1.00	MAIN STREET	48	0	1	7	9	31	305.93	YES	YES	4	Municipal	Principal Arterial - Other	Painted Median	454	100%	100%
330	30	NJTPA	ESSEX	NEWARK CITY	07141542	0.60	1.60	1.00	SUMMER AVE	51	0	2	4	7	38	296.56	YES	YES	2	Municipal	Local	Painted Median	633	100%	81%
380	31	NJTPA	ESSEX	NEWARK CITY	07141868	0.87	1.87	1.00	RAYMOND BLVD	41	0	2	2	9	28	273.86	YES	YES	3	Municipal	Principal Arterial - Other	Painted Median	197	100%	93%
394	32	NJTPA	ESSEX	NEWARK CITY	07141233	0.00	1.00	1.00	16TH AVE	38	0	2	3	7	26	267.36	YES	YES	2	Municipal	Major Collector	Painted Median	202	100%	98%
398	33	NJTPA	ESSEX	NEWARK CITY	07141227	0.29	1.29	1.00	LITTLETON AVE	41	0	1	5	9	26	266.53	YES	YES	2	Municipal	Local	Painted Median	202	100%	100%
423	34	NJTPA	ESSEX	NEWARK CITY	07141921	0.50	1.50	1.00	8TH ST	46	1	1	4	3	37	252.17	YES	YES	2	Municipal	Major Collector	Painted Median	417	100%	81%
444	35	NJTPA	ESSEX	NEWARK CITY	07141892	0.00	0.90	0.90	CLINTON PL	39	0	1	5	7	26	244.84	YES	YES	2	Municipal	Major Collector	Painted Median	249	100%	93%
505	36	NJTPA	ESSEX	NEWARK CITY	07141908	0.00	0.47	0.47	JACKSON ST	40	0	1	2	10	27	226.79	YES	YES	2	Municipal	Major Collector	Painted Median	615	100%	93%
527	37	NJTPA	ESSEX	NEWARK CITY	07141928	0.00	1.00	1.00	LAKE ST	48	0	1	3	7	37	221.44	YES	YES	2	Municipal	Major Collector	Painted Median	633	100%	81%
547	38	NJTPA	ESSEX	NEWARK CITY	07141872	0.49	1.49	1.00	WAINWRIGHT ST	53	0	0	7	5	41	215.62	YES	YES	2	Municipal	Major Collector	Painted Median	249	100%	98%
565	39	NJTPA	ESSEX	NEWARK CITY	07141189	0.46	1.46	1.00	S. 10TH ST	33	0	2	3	2	26	213.12	YES	YES	2	Municipal	Major Collector	Painted Median	369	100%	93%
581	40	NJTPA	ESSEX	NEWARK CITY	07141922	0.00	1.00	1.00	ORANGE ST	55	0	1	0	10	44	209.39	YES	YES	2	Municipal	Minor Arterial	Painted Median	48	100%	100%
587	41	NJTPA	ESSEX	NEWARK CITY	07141193	0.13	1.13	1.00	S. 9TH ST	31	0	2	1	5	23	208.27	YES	YES	2	Municipal	Local	Painted Median	48	100%	100%
590	42	NJTPA	ESSEX	NEWARK CITY	07141886	0.01	0.85	0.85	MEEKER AVE	33	0	0	4	11	18	206.11	YES	YES	2	Municipal	Minor Arterial	Painted Median	460	100%	91%
628	43	NJTPA	ESSEX	NEWARK CITY	07141241	0.04	0.73	0.73	12TH AVE	38	0	0	4	4	29	198.10	YES	YES	2	Municipal	Minor Collector	Painted Median	369	100%	100%
631	44	NJTPA	ESSEX	NEWARK CITY	07141260	0.59	1.59	1.00	E. KINNEY ST	55	0	0	7	3	45	197.92	YES	YES	2	Municipal	Local	Painted Median	202	100%	97%
656	45	NJTPA	ESSEX	NEWARK CITY	07141890	0.10	0.99	0.89	OSBORNE TERR	40	0	1	1	8	30	190.90	YES	YES	2	Municipal	Major Collector	Painted Median	202	100%	93%
681	46	NJTPA	ESSEX	NEWARK CITY	07141821	0.00	0.77	0.77	MCLELLAN ST	29	0	1	2	7	19	186.25	YES	YES	4	Municipal	Minor Arterial	Painted Median	342	100%	89%
700	47	NJTPA	ESSEX	NEWARK CITY	07141844	1.14	2.13	0.99	FERRY ST	66	0	0	3	7	56	183.53	YES	YES	2	Municipal	Principal Arterial - Other	None	197	100%	93%
708	48	NJTPA	ESSEX	NEWARK CITY	07141110	0.00	0.74	0.74	MUHAMMAD ALI AVE	28	0	1	3	5	19	181.75	YES	YES	2	Municipal	Local	Painted Median	202	100%	94%
738	49	NJTPA	ESSEX	NEWARK CITY	07141906	0.94	1.88	0.94	SOUTH ST	23	0	1	3	5	14	176.75	YES	YES	2	Municipal	Minor Arterial	Painted Median	907	94%	57%
749	50	NJTPA	ESSEX	NEWARK CITY	07141915	0.26	1.26	1.00	UNIVERSITY AVE	44	0	0	2												

New Jersey Network Screening Lists, 2023

NJTPA - Roadway Corridor List (2018-2020 Crashes)

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

Print Date: Friday, November 3, 2023

Delivery Date: August 10, 2023

Crash Filtering Criteria

Source Table	Query Logic	Source Table Field	Readable Field	Query Values	Description
Safety Voyager Accidents Table	AND	year	Year	BETWEEN 2018 AND 2020	Years 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 intersection	Road System At Intersection	IN ('05', '06', '07', '08') Is 'Y'	05 - County; 06 - County Authority; 07 - Municipal; 08 - Municipal Authority Park or Institution Y - Yes

The Network Screening List is based upon a programmatic analysis of statewide locations utilizing data supplied by third party sources. Because of limitations in the data supplied and the method used to develop the list, users should be aware that the rankings of locations and data for locations may be incorrect and/or incomplete. Analysis and engineering judgement should be used when applying insights and assessing network locations. The New Jersey Department of Transportation makes no guarantees as to the accuracy, completeness, or content of the information. This list is subject to update as more information becomes available.

The New Jersey Department of Transportation, its officers, employees or agents shall not be liable for damages or losses of any kind arising out of or in connection with the use or performance of information, including but not limited to, damages or losses caused by reliance upon the accuracy or timeliness of any such information, or damages incurred from the viewing, distributing, or copying of these materials.

The materials and information provided herein are provided "as is." No warranty of any kind, implied, expressed, or statutory, including but not limited to the warranties of non-infringement of third party rights, title, merchantability, fitness for a particular purpose, and freedom from computer virus, is given with respect to the contents of this Networks Screening List or its hyperlinks to other internet resources.

Equivalent Property Damage Only (ePDO) Score Weights			
Crash Severity	KABCO Scale	2023 Dollars	ePDO Value (K=A)
Fatal	K	\$14,277,743	56.9173
Incapacitating Injury	A	\$826,309	56.9173
Non-Incapacitating Injury	B	\$249,666	17.1973
Possible Injury	C	\$157,482	10.8476
Property Damage Only	PDO	\$14,518	1.0000

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

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

Rank (ePDO)	Newark City Rank	MPO	County	Municipality	SRI	Mile Post - From	Mile Post - To	Corridor Length	Route Name	Crashes by Severity (2018-2020)						Weighted Score (ePDO)	Is EJ Area?	Is Census Block Group Pop. < 1,000?	NJDOT SLD - Lane Count	NJDOT SLD - Roadway Jurisdiction	NJDOT SLD - Functional Class	ARD - Divided By	EJScreen - Census Block Group Population (Lowest Value)	EJScreen - Minority % (Highest Value)	EJScreen - Low-Income % (Highest Value)
										Total Crashes	K	A	B	C	O										
1,550	96	NJTPA	ESSEX	NEWARK CITY	07141900	2.97	3.97	1.00	CLIFTON AVE	34	0	0	1	4	29	89.59	YES	YES	2	Municipal	Minor Arterial	Painted Median	633	100%	81%
1,593	97	NJTPA	ESSEX	NEWARK CITY	07141596	0.00	0.63	0.63	CHESTER AVE	31	0	0	1	4	26	86.59	YES	YES	2	Municipal	Local	None	652	100%	81%
1,622	98	NJTPA	ESSEX	NEWARK CITY	07141007	0.00	0.21	0.21	GRAFTON AVE	13	0	1	1	0	11	85.11	YES	YES	2	Municipal	Local	Painted Median	652	100%	71%
1,629	99	NJTPA	ESSEX	NEWARK CITY	07141884	0.01	0.84	0.83	VALLEY ST	29	0	0	1	4	24	84.59	YES	YES	2	Municipal	Minor Arterial	None	417	100%	82%
1,637	100	NJTPA	ESSEX	NEWARK CITY	07141216	0.15	1.15	1.00	S. 17TH ST	28	0	0	1	4	23	83.59	YES	YES	2	Municipal	Local	Painted Median	331	100%	98%
1,643	101	NJTPA	ESSEX	NEWARK CITY	07011649	0.00	0.53	0.53	N. 8TH ST	11	0	1	1	0	9	83.11	YES	YES	2	Municipal	Local	Painted Median	526	100%	88%
1,666	102	NJTPA	ESSEX	NEWARK CITY	07141650	1.09	2.09	1.00	N. 7TH ST	16	0	1	0	1	14	81.76	YES	YES	2	Municipal	Local	None	422	100%	88%
1,699	103	NJTPA	ESSEX	NEWARK CITY	07141119	0.05	0.56	0.51	PENNSYLVANIA AVE	21	0	0	0	6	15	80.09	YES	YES	2	Municipal	Local	None	352	100%	94%
1,699	103	NJTPA	ESSEX	NEWARK CITY	07141102	0.10	1.00	0.00	RIDGEWOOD AVE	21	0	0	0	6	15	80.09	YES	YES	2	Municipal	Local	Painted Median	202	100%	94%
1,709	105	NJTPA	ESSEX	NEWARK CITY	00000027	36.40	37.40	1.00	NI 27	4	1	0	0	2	1	79.61	YES	YES	4	N.J.D.O.T.	Principal Arterial - Other	Painted Median	659	100%	89%
1,723	106	NJTPA	ESSEX	NEWARK CITY	07141909	0.00	0.96	0.96	ADAMS ST	43	0	0	1	2	40	78.89	YES	YES	1	Municipal	Major Collector	None	615	100%	93%
1,733	107	NJTPA	ESSEX	NEWARK CITY	07141929	0.00	0.50	0.50	2ND AVE	29	0	0	0	5	24	78.24	YES	YES	2	Municipal	Major Collector	Painted Median	633	100%	81%
1,776	108	NJTPA	ESSEX	NEWARK CITY	07141919	0.00	1.00	1.00	SUSSEX AVE	21	0	0	1	4	16	76.59	YES	YES	2	Municipal	Major Collector	Painted Median	48	100%	100%
1,782	109	NJTPA	ESSEX	NEWARK CITY	07141572	0.00	0.26	0.26	GRAFTON AVE	14	0	0	2	3	9	75.94	YES	YES	2	Municipal	Local	None	553	100%	88%
1,794	110	NJTPA	ESSEX	NEWARK CITY	07141370	0.00	0.39	0.39	CONGRESS ST	17	0	0	3	1	13	75.44	YES	YES	2	Municipal	Local	Painted Median	615	100%	93%
1,803	111	NJTPA	ESSEX	NEWARK CITY	07141514	0.06	0.53	0.47	WARREN ST	13	0	0	2	3	8	74.94	YES	YES	2	Municipal	Major Collector	Painted Median	454	100%	100%
1,820	112	NJTPA	ESSEX	NEWARK CITY	07141375	0.00	0.48	0.48	GREEN ST	18	0	1	0	0	17	73.92	YES	YES	2	Municipal	Local	None	718	100%	100%
1,822	113	NJTPA	ESSEX	NEWARK CITY	07141444	0.00	0.51	0.51	FLEMING AVE	28	0	0	1	3	24	73.74	YES	YES	2	Municipal	Local	Painted Median	197	100%	93%
1,822	113	NJTPA	ESSEX	NEWARK CITY	07141924	0.04	1.04	1.00	PARK PL	7	0	0	1	3	24	73.74	YES	YES	2	Municipal	Local	Painted Median	352	100%	83%
1,842	115	NJTPA	ESSEX	NEWARK CITY	07141559	1.42	2.39	0.87	HIGHLAND AVE	7	0	1	0	1	5	72.76	YES	YES	2	Municipal	Local	Painted Median	553	100%	88%
1,854	116	NJTPA	ESSEX	NEWARK CITY	07141292	0.00	0.72	0.72	MURRAY ST	23	0	0	0	5	18	72.24	YES	YES	2	Municipal	Local	Painted Median	202	100%	94%
1,858	117	NJTPA	ESSEX	NEWARK CITY	07051875	0.00	1.00	1.00	FREWAY DR E	20	0	0	2	2	16	72.09	YES	YES	3	N.J.D.O.T.	Major Collector	Painted Median	48	100%	81%
1,893	118	NJTPA	ESSEX	NEWARK CITY	07141092	0.00	0.56	0.56	W. RUNYAN ST	18	0	0	2	2	14	70.09	YES	YES	2	Municipal	Local	Painted Median	388	100%	94%
1,930	119	NJTPA	ESSEX	NEWARK CITY	07141430	0.00	0.27	0.27	SOMME ST	10	0	0	3	1	6	68.44	YES	YES	2	Municipal	Local	None	615	100%	93%
1,942	120	NJTPA	ESSEX	NEWARK CITY	07141930	0.00	0.60	0.60	HELLER PKWY	22	0	0	1	3	18	67.74	YES	YES	2	Municipal	Minor Arterial	Painted Median	652	100%	88%
1,964	121	NJTPA	ESSEX	NEWARK CITY	07141744	0.00	0.70	0.70	PALM ST	11	0	1	0	0	10	66.92	YES	YES	2	Municipal	Local	None	426	100%	67%
1,972	122	NJTPA	ESSEX	NEWARK CITY	07141093	0.00	0.26	0.26	W. RUNYAN ST	21	0	0	1	3	17	66.74	YES	YES	2	Municipal	Local	Painted Median	388	100%	93%
1,993	123	NJTPA	ESSEX	NEWARK CITY	07141120	0.00	0.14	0.14	LINCOLN PARK	10	1	0	0	0	9	65.92	YES	YES	3	Municipal	Local	Painted Median	352	100%	94%
2,002	124	NJTPA	ESSEX	NEWARK CITY	07141923	0.00	0.30	0.30	NESBITT ST	23	0	0	1	3	16	65.74	YES	YES	2	Municipal	Minor Arterial	Painted Median	633	100%	100%
2,008	125	NJTPA	ESSEX	NEWARK CITY	07141910	0.05	0.49	0.44	PACIFIC ST	20	0	0	2	1	20	65.24	YES	YES	2	Municipal	Major Collector	Painted Median	718	100%	80%
2,043	126	NJTPA	ESSEX	NEWARK CITY	07141441	0.10	0.96	0.86	LISTER AVE	18	0	0	1	3	14	63.74	YES	YES	2	Municipal	Local	Painted Median	0	100%	93%
2,043	126	NJTPA	ESSEX	NEWARK CITY	07141270	0.00	0.48	0.48	QUITMAN ST	18	0	0	1	3	14	63.74	YES	YES	2	Municipal	Local	Painted Median	202	100%	97%
2,065	128	NJTPA	ESSEX	NEWARK CITY	07141343	0.01	0.72	0.71	MCWHORTER ST	17	0	0	1	3	13	62.74	YES	YES	2	Municipal	Minor Collector	None	352	100%	93%
2,094	129	NJTPA	ESSEX	NEWARK CITY	07141252	0.00	0.64	0.64	HUNTERDON ST	26	0	0	1	2	23	61.89	YES	YES	2	Municipal	Local	Painted Median	202	100%	97%
2,114	130	NJTPA	ESSEX	NEWARK CITY	07141454	0.00	0.58	0.58	MAGAZINE ST	35	0	0	1	2	22	60.89	YES	YES	2	Municipal	Minor Collector	Painted Median	197	100%	93%
2,123	131	NJTPA	ESSEX	NEWARK CITY	07141317	0.01	0.79	0.78	HALSEY ST	21	0	0	0	3	28	60.54	YES	YES	2	Municipal	Local	None	645	100%	100%
2,182	132	NJTPA	ESSEX	NEWARK CITY	07141393	0.00	0.67	0.67	MALVERN ST	19	0	0	0	4	15	58.39	YES	YES	2	Municipal	Local	None	907	97%	80%
2,229	133	NJTPA	ESSEX	NEWARK CITY	07141121	0.00	0.56	0.56	SOUTH ST	11	0	0	1	3	7	56.74	YES	YES	2	Municipal	Local	Painted Median	202	100%	94%
2,229	133	NJTPA	ESSEX	NEWARK CITY	07141038	0.00	0.31	0.31	EMPIRE ST	11	0	0	1	3	7	56.74	YES	YES	2	Municipal	Local	Painted Median	659	100%	69%
2,229	133	NJTPA	ESSEX	NEWARK CITY	07141402	0.10	0.49	0.39	EDSON PL	11	0	0	1	3	7	56.74	YES	YES	2	Municipal	Local	None	615	100%	100%
2,245	136	NJTPA	ESSEX	NEWARK CITY	07141900	4.02	5.02	1.00	CLIFTON AVE	14	0	0	2	1	11	56.24	YES	YES	2	Municipal	Major Collector	Painted Median	553	100%	88%
2,251	137	NJTPA	ESSEX	NEWARK CITY	07141165	0.00	1.00	1.00	LESLIE ST	20	0	0	1	2	17	55.89	YES	YES	2	Municipal	Local	None	249	100%	93%
2,271	138	NJTPA	ESSEX	NEWARK CITY	07141932	0.00	0.60	0.60	GRAFTON AVE	19	0	0	2	1	16	54.89	YES	YES	2	Municipal	Major Collector	Painted Median	553	100%	88%
2,287	139	NJTPA	ESSEX	NEWARK CITY	07141325	0.05	0.44	0.39	MILLER ST	12	0	0	2	1	9	54.24	YES	YES	2	Municipal	Local	Painted Median	352	100%	94%
2,331	140	NJTPA	ESSEX	NEWARK CITY	07141148	0.05	0.77	0.72	ALDINE ST	10	0	0	2	1	7	52.24	YES	YES	2	Municipal	Local	None	249	100%	72%
2,342	141	NJTPA	ESSEX	NEWARK CITY	07141618	0.00	0.53	0.53	LINCOLN AVE	16	0	0	1	2	13	51.89	YES	YES	2	Municipal	Local	None	652	100%	81%
2,364	142	NJTPA	ESSEX	NEWARK CITY	07141656	0.00	0.53	0.53	N. 10TH ST	15	0	0	1	2	12	50.89	YES	YES	2	Municipal	Local	None	422	100%	80%
2,420	143	NJTPA	ESSEX	NEWARK CITY	07141288	0.10	0.36	0.26	BRANFORD PL	13	0	0	1	2	10	48.89	YES	YES	2	Municipal	Minor Collector	None	645	100%	100%
2,436	144	NJTPA	ESSEX	NEWARK CITY	07141070	0.20	0.90	0.70	ST. JAMES PL	16	0	0	2	0	14	48.39	YES	YES	2	Municipal	Local	Painted Median	249	100%	77%
2,444	145	NJTPA	ESSEX	NEWARK CITY	07141212	0.13	0.72	0.59	S. 16TH ST	12	0	0	1	2	9	47.89	YES	YES	2	Municipal	Local	Painted Median	331	100%	98%
2,4																									

New Jersey Network Screening Lists, 2023

NJTPA - Roadway Corridor List (2018-2020 Crashes)

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

Print Date: Friday, November 3, 2023

Delivery Date: August 10, 2023

Source Table	Query Logic	Source Table Field	Readable Field	Query Values	Description
Safety Voyager Accidents Table	AND	year	Year	BETWEEN 2018 AND 2020	Years 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	Is 'Y'	Y - Yes

The Network Screening List is based upon a programmatic analysis of statewide locations utilizing data supplied by third party sources. Because of limitations in the data supplied and the method used to develop the list, users should be aware that the rankings of locations and data for locations may be incorrect and/or incomplete. Analysis and engineering judgement should be used when applying insights and assessing network locations. The New Jersey Department of Transportation makes no guarantees as to the accuracy, completeness, or content of the information. This list is subject to update as more information becomes available.

The New Jersey Department of Transportation, its officers, employees or agents shall not be liable for damages or losses of any kind arising out of or in connection with the use or performance of information, including but not limited to, damages or losses caused by reliance upon the accuracy or timeliness of any such information, or damages incurred from the viewing, distributing, or copying of these materials.

The materials and information provided herein are provided "as is." No warranty of any kind, implied, expressed, or statutory, including but not limited to the warranties of non-infringement of third party rights, title, merchantability, fitness for a particular purpose, and freedom from computer virus, is given with respect to the contents of this Networks Screening List or its hyperlinks to other Internet resources.

Equivalent Property Damage Only (ePDO) Score Weights			
Crash Severity	KABCO Scale	2023 Dollars	ePDO Value (K=A)
Fatal	K	\$14,277,743	56.9173
Incapacitating Injury	A	\$826,309	56.9173
Non-Incapacitating Injury	B	\$249,666	17.1973
Possible Injury	C	\$157,482	10.8476
Property Damage Only	PDO	\$14,518	1.0000

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

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

Rank (ePDO)	Newark City Rank	MPO	County	Municipality	SRI	Mile Post - From	Mile Post - To	Corridor Length	Route Name	Crashes by Severity (2018-2020)					Weighted Score (ePDO)	Is EJ Area?	Is Census Block Group Pop. < 1,000?	NJDOT SLD - Lane Count	NJDOT SLD - Roadway Jurisdiction	NJDOT SLD - Functional Class	ARD - Divided By	EJScreen - Census Block Group Population (Lowest Value)	EJScreen - Minority % (Highest Value)	EJScreen - Low-Income % (Highest Value)	
										Total Crashes	K	A	B	O											
3,223	190	NJTPA	ESSEX	NEWARK CITY	07141451	0.10	1.10	1.00	ROANOKE ST	17	0	0	0	1	16	26.85	YES	YES	2	Municipal	Minor Arterial	Painted Median	197	100%	73%
3,242	192	NJTPA	ESSEX	NEWARK CITY	07141820	0.23	1.23	1.00	DOREMUS AVE	10	0	0	1	0	9	26.20	YES	NO	2	Municipal	Minor Arterial	None	1,391	94%	0%
3,268	193	NJTPA	ESSEX	NEWARK CITY	07141209	0.00	0.45	0.45	S. 13TH ST	16	0	0	0	1	15	25.85	YES	YES	2	Municipal	Local	None	331	100%	98%
3,337	194	NJTPA	ESSEX	NEWARK CITY	07141230	0.00	0.36	0.36	2ND ST	14	0	0	0	1	13	23.85	YES	YES	2	Municipal	Local	None	649	100%	100%
3,337	194	NJTPA	ESSEX	NEWARK CITY	07141331	0.00	0.33	0.33	PARKHURST ST	14	0	0	0	1	13	23.85	YES	YES	2	Municipal	Local	Painted Median	202	100%	94%
3,337	194	NJTPA	ESSEX	NEWARK CITY	07141257	0.00	0.32	0.32	17TH AVE	14	0	0	0	1	13	23.85	YES	YES	2	Municipal	Local	Painted Median	202	100%	97%
3,337	194	NJTPA	ESSEX	NEWARK CITY	07141546	0.11	0.86	0.75	MT PLEASANT AVE	14	0	0	0	1	13	23.85	YES	YES	2	Municipal	Local	None	633	100%	81%
3,337	194	NJTPA	ESSEX	NEWARK CITY	07141555	0.00	0.46	0.46	4TH AVE	14	0	0	0	1	13	23.85	YES	YES	2	Municipal	Local	Painted Median	633	100%	81%
3,337	194	NJTPA	ESSEX	NEWARK CITY	07141060	0.01	0.72	0.71	LEHIGH AVE	14	0	0	0	1	13	23.85	YES	YES	2	Municipal	Local	Painted Median	249	100%	72%
3,388	200	NJTPA	ESSEX	NEWARK CITY	07141046	0.06	0.18	0.12	FABYAN PL	13	0	0	0	1	12	22.85	YES	YES	2	Municipal	Local	Painted Median	249	100%	72%
3,388	200	NJTPA	ESSEX	NEWARK CITY	07141898	0.09	0.58	0.49	HILLSIDE AVE	13	0	0	0	1	12	22.85	YES	YES	2	Municipal	Major Collector	Painted Median	202	100%	94%
3,388	200	NJTPA	ESSEX	NEWARK CITY	07141667	0.02	1.02	1.00	N. 12TH ST	13	0	0	0	1	12	22.85	YES	YES	2	Municipal	Local	None	417	100%	80%
3,388	200	NJTPA	ESSEX	NEWARK CITY	07141665	0.00	0.16	0.16	4TH AVE	13	0	0	0	1	12	22.85	YES	YES	2	Municipal	Local	Painted Median	422	100%	80%
3,449	204	NJTPA	ESSEX	NEWARK CITY	07141371	0.00	0.39	0.39	PROSPECT ST	12	0	0	0	1	11	21.85	YES	YES	2	Municipal	Local	Painted Median	615	100%	93%
3,449	204	NJTPA	ESSEX	NEWARK CITY	07141822	0.00	0.59	0.59	HAYNES AVE	12	0	0	0	1	11	21.85	YES	YES	2	Municipal	Minor Arterial	Curbed Median	771	97%	89%
3,499	206	NJTPA	ESSEX	NEWARK CITY	07141976	0.00	0.29	0.29	FAIRMOUNT AVE	11	0	0	0	1	10	20.85	YES	YES	2	Municipal	Local	Painted Median	454	100%	100%
3,499	206	NJTPA	ESSEX	NEWARK CITY	07141711	0.00	0.61	0.61	SUNSET AVE	11	0	0	0	1	10	20.85	YES	YES	2	Municipal	Local	Painted Median	417	100%	74%
3,499	206	NJTPA	ESSEX	NEWARK CITY	07141363	0.00	0.23	0.23	DAWSON ST	11	0	0	0	1	10	20.85	YES	YES	2	Municipal	Local	Painted Median	352	100%	80%
3,499	206	NJTPA	ESSEX	NEWARK CITY	07141089	0.00	0.44	0.44	SCHUYLER AVE	11	0	0	0	1	10	20.85	YES	YES	2	Municipal	Local	Painted Median	249	100%	91%
3,576	210	NJTPA	ESSEX	NEWARK CITY	07141374	0.10	0.32	0.22	MADISON ST	10	0	0	0	1	9	19.85	YES	YES	2	Municipal	Local	None	615	100%	93%
3,576	210	NJTPA	ESSEX	NEWARK CITY	07141712	0.10	0.65	0.55	ALEXANDER ST	10	0	0	0	1	9	19.85	YES	YES	2	Municipal	Local	None	369	100%	82%
3,576	210	NJTPA	ESSEX	NEWARK CITY	07141771	0.00	0.38	0.38	RICHELIEU TER	10	0	0	0	1	9	19.85	YES	YES	2	Municipal	Local	Painted Median	200	100%	60%
3,576	210	NJTPA	ESSEX	NEWARK CITY	07141236	0.00	0.49	0.49	19TH AVE	10	0	0	0	1	9	19.85	YES	YES	2	Municipal	Local	None	331	100%	98%
3,576	210	NJTPA	ESSEX	NEWARK CITY	07141368	0.04	0.18	0.14	HERMON ST	10	0	0	0	1	9	19.85	YES	YES	2	Municipal	Local	Painted Median	352	100%	80%
3,638	215	NJTPA	ESSEX	NEWARK CITY	07141290	0.00	0.31	0.31	FRANKLIN ST	19	0	0	0	0	19	19.00	YES	YES	2	Municipal	Local	None	645	100%	100%
3,714	216	NJTPA	ESSEX	NEWARK CITY	07021672	0.00	1.00	1.00	EUGENE PL	17	0	0	0	0	17	17.00	YES	YES	2	Municipal	Local	None	422	100%	88%
3,796	217	NJTPA	ESSEX	NEWARK CITY	07091786	0.00	0.92	0.92	FLORENCE AVE	15	0	0	0	0	15	15.00	YES	YES	2	Municipal	Local	None	200	100%	80%
3,881	218	NJTPA	ESSEX	NEWARK CITY	07141358	0.00	0.24	0.24	MERCHANT ST	13	0	0	0	0	13	13.00	YES	YES	2	Municipal	Local	None	615	100%	93%
3,929	219	NJTPA	ESSEX	NEWARK CITY	07141337	0.00	0.39	0.39	WRIGHT ST	12	0	0	0	0	12	12.00	YES	YES	2	Municipal	Local	Painted Median	202	100%	94%
3,983	220	NJTPA	ESSEX	NEWARK CITY	07141790	0.00	0.80	0.80	EASTERN PKWY	11	0	0	0	0	11	11.00	YES	YES	2	Municipal	Local	None	200	100%	80%
4,035	221	NJTPA	ESSEX	NEWARK CITY	07141078	0.00	0.19	0.19	SEYMOUR AVE	10	0	0	0	0	10	10.00	YES	YES	2	Municipal	Local	Painted Median	388	100%	91%
4,035	221	NJTPA	ESSEX	NEWARK CITY	07141437	0.00	0.21	0.21	MOTT ST	10	0	0	0	0	10	10.00	YES	YES	2	Municipal	Minor Collector	None	197	100%	93%
4,035	221	NJTPA	ESSEX	NEWARK CITY	07141556	0.00	0.28	0.28	CRANE ST	10	0	0	0	0	10	10.00	YES	YES	2	Municipal	Local	None	633	100%	81%
4,256	224	NJTPA	ESSEX	NEWARK CITY	00000022	57.70	58.70	1.00	US 22	3	0	0	0	0	3	3.00	YES	YES	2	N.J.D.O.T.	Principal Arterial - Other	None	439	100%	89%
4,391	225	NJTPA	ESSEX	NEWARK CITY	00000027	35.30	36.30	1.00	NJ 27	1	0	0	0	0	1	1.00	YES	YES	4	N.J.D.O.T.	Principal Arterial - Other	None	706	97%	89%