

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 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)	County 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										
4,020	95	NJTPA	WARREN	BLAIRSTOWN TWP	21000616	4.30	5.30	1.00	WARREN COUNTY 616	1	0	0	0	1	0	10.85	NO	NO	2	County	Major Collector	None	1,272	14%	9%
4,122	97	NJTPA	WARREN	MANSFIELD TWP	21000628	5.57	6.48	0.91	WARREN COUNTY 628	8	0	0	0	0	8	8.00	YES	YES	2	County	Minor Collector	None	666	24%	25%
4,143	98	NJTPA	WARREN	OXFORD TWP	21000624	2.00	2.83	0.83	WARREN COUNTY 624	7	0	0	0	0	7	7.00	NO	YES	2	County	Minor Collector	None	753	16%	18%
4,181	99	NJTPA	WARREN	LIBERTY TWP	21000611	1.10	2.10	1.00	WARREN COUNTY 611	5	0	0	0	0	5	5.00	NO	YES	2	County	Major Collector	None	791	8%	9%
4,181	99	NJTPA	WARREN	GREENWICH TWP	00000022	4.30	5.30	1.00	US 22	5	0	0	0	0	5	5.00	YES	YES	2	N.J.D.O.T.	Principal Arterial - Other	None	679	35%	27%
4,181	99	NJTPA	WARREN	HACKETTSTOWN TOWN	00000046	20.80	21.80	1.00	US 46	5	0	0	0	0	5	5.00	YES	YES	2	N.J.D.O.T.	Principal Arterial - Other	None	584	52%	69%
4,213	102	NJTPA	WARREN	HOPE TWP	21000609	4.00	5.00	1.00	WARREN COUNTY 609	4	0	0	0	0	4	4.00	NO	YES	2	County	Minor Collector	None	791	8%	10%
4,213	102	NJTPA	WARREN	LOPATCONG TWP	00000057	0.50	1.50	1.00	NJ 57	4	0	0	0	0	4	4.00	YES	NO	2	N.J.D.O.T.	Principal Arterial - Other	None	1,127	35%	37%
4,213	102	NJTPA	WARREN	BLAIRSTOWN TWP	21000655	4.35	5.35	1.00		4	0	0	0	0	4	4.00	NO	NO	2	County	Major Collector	None	1,151	17%	18%
4,256	105	NJTPA	WARREN	ALLAMUCHY TWP	21000613	6.00	6.87	0.87	WARREN COUNTY 613	3	0	0	0	0	3	3.00	NO	YES	2	County	Major Collector	None	897	21%	13%
4,256	105	NJTPA	WARREN	HARDWICK TWP	00000521	9.90	10.90	1.00	ROUTE 521	3	0	0	0	0	3	3.00	NO	YES	2	County	Major Collector	None	641	13%	19%
4,256	105	NJTPA	WARREN	GREENWICH TWP	21000639	2.00	2.86	0.86	WARREN COUNTY 639	3	0	0	0	0	3	3.00	YES	YES	2	County	Major Collector	None	729	10%	27%
4,256	105	NJTPA	WARREN	MANSFIELD TWP	21000625	4.20	5.20	1.00	WARREN COUNTY 625	3	0	0	0	0	3	3.00	YES	YES	2	County	Local	None	991	16%	33%
4,256	105	NJTPA	WARREN	BLAIRSTOWN TWP	21000655	2.80	3.80	1.00	WARREN COUNTY 655	3	0	0	0	0	3	3.00	NO	NO	2	County	Major Collector	None	1,272	14%	9%
4,315	110	NJTPA	WARREN	FRANKLIN TWP	00000057	4.60	5.60	1.00	NJ 57	2	0	0	0	0	2	2.00	NO	NO	2	N.J.D.O.T.	Principal Arterial - Other	None	1,610	6%	11%
4,315	110	NJTPA	WARREN	HARMONY TWP	21000621	5.60	6.60	1.00	WARREN COUNTY 621	2	0	0	0	0	2	2.00	NO	YES	2	County	Local	None	612	8%	16%
4,315	110	NJTPA	WARREN	WASHINGTON BORO	00000031	42.10	43.10	1.00	NJ 31	2	0	0	0	0	2	2.00	YES	YES	4	N.J.D.O.T.	Principal Arterial - Other	None	834	34%	37%
4,315	110	NJTPA	WARREN	HARMONY TWP	21000647	3.00	4.00	1.00		2	0	0	0	0	2	2.00	NO	NO	2	County	Minor Collector	None	1,408	8%	14%
4,315	110	NJTPA	WARREN	LOPATCONG TWP	21000621	1.40	2.40	1.00	WARREN COUNTY 621	2	0	0	0	0	2	2.00	NO	YES	2	County	Local	None	571	19%	16%
4,315	110	NJTPA	WARREN	GREENWICH TWP	21000637	0.00	1.00	1.00	WARREN COUNTY 637	2	0	0	0	0	2	2.00	YES	YES	2	County	Major Collector	None	729	35%	27%
4,315	110	NJTPA	WARREN	PHILLIPSBURG TOWN	21000621	0.11	1.11	1.00	WARREN COUNTY 621	2	0	0	0	0	2	2.00	YES	YES	2	County	Major Collector	None	571	38%	47%
4,391	117	NJTPA	WARREN	LIBERTY TWP	00000046	14.40	15.40	1.00	US 46	1	0	0	0	0	1	1.00	NO	NO	2	N.J.D.O.T.	Minor Arterial	None	1,199	22%	10%
4,391	117	NJTPA	WARREN	OXFORD TWP	00000031	46.50	47.50	1.00	NJ 31	1	0	0	0	0	1	1.00	NO	YES	2	N.J.D.O.T.	Principal Arterial - Other	None	753	16%	21%
4,391	117	NJTPA	WARREN	HACKETTSTOWN TOWN	00000057	20.80	21.10	0.30	NJ 57	1	0	0	0	0	1	1.00	YES	YES	2	N.J.D.O.T.	Principal Arterial - Other	None	584	52%	69%
4,391	117	NJTPA	WARREN	LOPATCONG TWP	00000022	1.80	2.80	1.00	US 22	1	0	0	0	0	1	1.00	YES	YES	2	N.J.D.O.T.	Principal Arterial - Other	None	679	35%	64%
4,391	117	NJTPA	WARREN	FRELINGHUYSEN TWP	21000608	4.50	4.99	0.49	WARREN COUNTY 608	1	0	0	0	0	1	1.00	NO	YES	2	County	Minor Collector	None	753	13%	19%
4,391	117	NJTPA	WARREN	POHATCONG TWP	00000122	2.00	2.42	0.42	NJ 122	1	0	0	0	0	1	1.00	YES	YES	2	N.J.D.O.T.	Principal Arterial - Other	None	639	35%	31%
4,391	117	NJTPA	WARREN	HARMONY TWP	21000621	3.70	4.70	1.00	WARREN COUNTY 621	1	0	0	0	0	1	1.00	NO	YES	2	County	Local	None	717	8%	16%
4,391	117	NJTPA	WARREN	KNOWLTON TWP	21000616	1.00	2.00	1.00	WARREN COUNTY 616	1	0	0	0	0	1	1.00	NO	NO	2	County	Local	None	1,272	8%	9%