

# 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.

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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
8	1	NJTPA	UNION	CLARK TWP	20000613	3.80	4.80	1.00	UNION COUNTY 613	213	0	5	8	26	174	878.20	YES	YES	2	County	Principal Arterial - Other	Painted Median	507	44%	31%
47	2	NJTPA	UNION	ROSELLE BORO	20000617	1.79	2.79	1.00	UNION COUNTY 617	205	2	0	4	21	178	588.42	YES	YES	2	County	Minor Arterial	None	424	97%	46%
57	3	NJTPA	UNION	UNION TWP	20000630	0.15	1.15	1.00	UNION COUNTY 630	163	0	1	3	27	132	533.39	YES	YES	2	County	Minor Arterial	None	447	96%	30%
96	4	NJTPA	UNION	RAHWAY CITY	00000514	37.51	38.51	1.00	ROUTE 514	100	1	1	4	19	75	463.73	YES	YES	2	County	Minor Arterial	Painted Median	898	99%	60%
105	5	NJTPA	UNION	KENILWORTH BORO	00000509	9.42	10.42	1.00	ROUTE 509	63	0	4	4	10	45	449.93	YES	YES	4	County	Minor Arterial	None	764	60%	29%
117	6	NJTPA	UNION	PLAINFIELD CITY	20000620	0.20	1.20	1.00	UNION COUNTY 620	89	1	2	6	8	72	432.72	YES	YES	2	County	Minor Arterial	None	805	100%	74%
127	7	NJTPA	UNION	LINDEN CITY	20000615	0.93	1.93	1.00	UNION COUNTY 615	128	0	0	2	26	100	416.43	YES	YES	2	County	Minor Arterial	None	278	74%	46%
137	8	NJTPA	UNION	CRANFORD TWP	20000610	5.19	6.19	1.00	UNION COUNTY 610	89	0	2	10	5	72	412.05	YES	YES	2	County	Minor Arterial	None	513	64%	28%
145	9	NJTPA	UNION	RAHWAY CITY	20000613	5.69	6.69	1.00	UNION COUNTY 613	107	0	1	8	11	87	400.82	YES	YES	2	County	Minor Arterial	Painted Median	507	99%	60%
148	10	NJTPA	UNION	LINDEN CITY	00000514	40.29	41.29	1.00	ROUTE 514	114	0	1	2	20	91	399.26	YES	YES	2	County	Minor Arterial	None	730	97%	46%
149	11	NJTPA	UNION	CLARK TWP	20000607	1.37	2.37	1.00	UNION COUNTY 607	115	0	0	9	14	92	398.64	YES	YES	4	County	Minor Arterial	Painted Median	825	39%	31%
160	12	NJTPA	UNION	UNION TWP	20000619	4.28	5.28	1.00	UNION COUNTY 619	99	0	0	6	20	73	393.14	YES	YES	2	County	Minor Arterial	None	488	95%	43%
168	13	NJTPA	UNION	HILLSIDE TWP	20000623	2.63	3.63	1.00	UNION COUNTY 623	98	0	1	4	17	76	386.12	YES	YES	2	County	Minor Arterial	Painted Median	439	100%	89%
178	14	NJTPA	UNION	FANWOOD BORO	20000655	3.83	4.83	1.00	UNION COUNTY 655	117	0	2	3	10	102	375.90	YES	YES	2	County	Principal Arterial - Other	Painted Median	654	78%	22%
190	15	NJTPA	UNION	WINFIELD TWP	20000607	3.33	4.33	1.00	UNION COUNTY 607	56	1	2	3	10	40	370.82	YES	YES	2	County	Minor Arterial	None	513	85%	25%
202	16	NJTPA	UNION	WESTFIELD TOWN	20000613	1.61	2.61	1.00	UNION COUNTY 613	114	0	0	7	14	93	365.25	YES	YES	2	County	Principal Arterial - Other	None	489	54%	21%
218	17	NJTPA	UNION	NEW PROVIDENCE BORO	20000647	1.36	2.36	1.00	UNION COUNTY 647	81	0	1	5	14	61	355.77	NO	NO	2	County	Minor Arterial	None	1094	39%	13%
219	18	NJTPA	UNION	CRANFORD TWP	20000615	3.52	4.52	1.00	UNION COUNTY 615	81	1	0	6	12	62	352.27	YES	YES	2	County	Minor Arterial	None	649	51%	26%
230	19	NJTPA	UNION	WESTFIELD TOWN	00000509	7.03	8.03	1.00	ROUTE 509	98	0	1	4	13	80	346.73	YES	YES	2	County	Minor Arterial	None	740	54%	21%
235	20	NJTPA	UNION	UNION TWP	20000630	2.64	3.64	1.00	UNION COUNTY 630	76	0	0	2	24	50	344.74	YES	YES	2	County	Minor Arterial	None	488	100%	43%
255	21	NJTPA	UNION	ELIZABETH CITY	20000612	2.13	3.06	0.93	UNION COUNTY 612	44	0	0	5	4	32	332.13	YES	YES	2	County	Minor Arterial	Painted Median	577	100%	74%
279	22	NJTPA	UNION	WESTFIELD TOWN	20000610	2.72	3.72	1.00	UNION COUNTY 610	74	0	0	6	15	53	318.90	YES	YES	2	County	Minor Arterial	None	740	54%	21%
285	23	NJTPA	UNION	LINDEN CITY	20000616	0.62	1.62	1.00	UNION COUNTY 616	74	0	0	4	18	52	316.05	YES	YES	2	Municipal	Local	None	739	91%	64%
293	24	NJTPA	UNION	ROSELLE BORO	20000610	6.89	7.89	1.00	UNION COUNTY 610	78	0	0	9	9	60	312.40	YES	YES	2	County	Minor Arterial	None	492	98%	61%
294	25	NJTPA	UNION	ELIZABETH CITY	20041416	0.00	1.00	1.00	IRVINGTON AVE	57	0	1	5	12	39	312.08	YES	YES	2	Municipal	Minor Arterial	Painted Median	342	100%	74%
331	26	NJTPA	UNION	LINDEN CITY	00000514	41.45	42.45	1.00	ROUTE 514	77	0	1	4	10	62	296.18	YES	YES	2	County	Minor Arterial	None	730	98%	64%
336	27	NJTPA	UNION	PLAINFIELD CITY	20000601	0.79	1.79	1.00	UNION COUNTY 601	79	0	0	9	7	63	293.71	YES	YES	2	County	Minor Arterial	None	867	100%	74%
356	28	NJTPA	UNION	UNION TWP	20000633	0.98	1.98	1.00	UNION COUNTY 633	46	0	1	4	12	29	284.88	YES	YES	2	County	Minor Arterial	None	376	96%	30%
357	29	NJTPA	UNION	ELIZABETH CITY	20041420	0.81	1.81	1.00	ELIZABETH AVE	86	0	1	7	3	75	284.84	YES	YES	2	Municipal	Minor Arterial	Painted Median	342	100%	74%
369	30	NJTPA	UNION	CRANFORD TWP	20000615	2.00	3.00	1.00	UNION COUNTY 615	60	0	1	4	10	45	279.18	YES	YES	2	County	Minor Arterial	None	278	74%	26%
371	31	NJTPA	UNION	ELIZABETH CITY	20041017	0.16	1.16	1.00	3RD ST	50	0	1	4	11	34	279.03	YES	YES	2	Municipal	Local	None	577	100%	74%
378	32	NJTPA	UNION	HILLSIDE TWP	20000630	3.67	4.67	1.00	UNION COUNTY 630	35	0	2	3	8	22	274.21	YES	YES	2	County	Minor Arterial	Painted Median	439	86%	60%
400	33	NJTPA	UNION	UNION TWP	00000509	13.91	14.91	1.00	ROUTE 509	60	0	1	5	7	47	265.84	YES	YES	2	County	Minor Arterial	None	439	100%	60%
403	34	NJTPA	UNION	ROSELLE BORO	20000610	8.22	9.22	1.00	UNION COUNTY 610	51	0	2	2	7	40	264.16	YES	YES	2	County	Minor Arterial	None	478	98%	66%
407	35	NJTPA	UNION	LINDEN CITY	20000619	0.29	1.29	1.00	UNION COUNTY 619	45	1	0	5	8	31	260.68	YES	YES	2	County	Minor Arterial	None	618	100%	56%
414	36	NJTPA	UNION	PLAINFIELD CITY	20000611	2.50	3.50	1.00	UNION COUNTY 611	62	0	1	0	14	47	255.78	YES	YES	2	County	Minor Arterial	None	654	98%	64%
417	37	NJTPA	UNION	LINDEN CITY	20000617	2.81	3.81	1.00	UNION COUNTY 617	62	0	0	1	18	43	255.45	YES	YES	2	County	Minor Arterial	None	513	97%	46%
425	38	NJTPA	UNION	WESTFIELD TOWN	00000577	0.43	1.43	1.00	ROUTE 577	75	0	0	3	13	59	251.61	YES	YES	2	County	Principal Arterial - Other	None	632	45%	33%
429	39	NJTPA	UNION	UNION TWP	20000619	5.41	6.38	0.97	UNION COUNTY 619	89	0	0	2	13	74	249.41	YES	YES	2	County	Minor Arterial	None	488	100%	59%
465	40	NJTPA	UNION	PLAINFIELD CITY	00000028	14.20	15.20	1.00	NJ 28	64	0	1	3	7	53	237.44	YES	YES	2	County	Principal Arterial - Other	None	867	100%	74%
469	41	NJTPA	UNION	ELIZABETH CITY	20000623	0.53	1.53	1.00	UNION COUNTY 623	47	0	1	4	7	35	236.64	YES	YES	2	County	Minor Arterial	Painted Median	577	100%	74%
483	42	NJTPA	UNION	ROSELLE PARK BORO	20000617	4.95	5.95	1.00	UNION COUNTY 617	42	0	2	3	5	14	233.66	YES	YES	2	County	Minor Arterial	Painted Median	492	98%	72%
507	43	NJTPA	UNION	ROSELLE BORO	20000619	1.47	2.47	1.00	UNION COUNTY 619	86	0	0	2	11	73	236.72	YES	YES	2	County	Minor Arterial	None	492	100%	56%
520	44	NJTPA	UNION	BERKELEY HEIGHTS TWP	20000622	2.60	3.60	1.00	UNION COUNTY 622	72	0	0	2	12	58	222.57	NO	NO	4	County	Minor Arterial	None	1,182	35%	11%
550	45	NJTPA	UNION	UNION TWP	20000616	4.11	5.11	1.00	UNION COUNTY 616	58	1	0	2	7	48	215.25	YES	YES	2	County	Minor Arterial	None	478	92%	39%
559	46	NJTPA	UNION	ELIZABETH CITY	20000614	0.10	0.92	0.82	UNION COUNTY 614	34	0	1	4	6	23	213.79	YES	YES	2	County	Major Collector	Painted Median	577	100%	74%
585	47	NJTPA	UNION	BERKELEY HEIGHTS TWP	20000624	0.10	1.10	1.00	UNION COUNTY 624	65	0	0	4	8	53	208.57	NO	NO	2	County	Major Collector	Painted Median	1,073	39%	13%
596	48	NJTPA	UNION	KENILWORTH BORO	20000617	6.14	7.14	1.00	UNION COUNTY 617	44	1	1	0	5	37	205.07	YES	YES	2	County	Minor Arterial	Painted Median	515	80%	72%
598	49	NJTPA	UNION	SUMMIT CITY	20000649	1.18	2.18	1.00	UNION COUNTY 649	35	0	1	4	5	25	204.94	YES	YES	2	N.J.D.O.T.	Minor Arterial	None	672	56%	16%
637	50	NJTPA	UNION	NEW PROVIDENCE BORO	20111221	0.00	1.00	1.00	UNION AVE	19	2														

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		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

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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	
1,363	96	NJTPA	UNION	SUMMIT CITY	0000527	67.65	68.65	1.00	ROUTE 527	17	0	1	0	3	13	102.46	YES	YES	2	County	Minor Arterial	None	773	84%	26%	
1,368	97	NJTPA	UNION	SUMMIT CITY	0000512	31.31	32.31	1.00	ROUTE 512	44	0	0	3	1	40	102.44	YES	YES	2	County	Minor Arterial	None	672	84%	26%	
1,414	98	NJTPA	UNION	LINDEN CITY	0000001	40.00	41.00	1.00	US 1	24	0	0	1	6	17	99.28	YES	YES	3	N.J.D.O.T.	Principal Arterial - Other	None	424	77%	43%	
1,422	99	NJTPA	UNION	ELIZABETH CITY	20041423	0.20	1.20	1.00	CHILTON ST	23	0	1	0	2	20	98.61	YES	YES	2	Municipal	Major Collector	None	577	100%	74%	
1,428	100	NJTPA	UNION	RAHWAY CITY	20000613	6.85	7.85	1.00	UNION COUNTY 613	36	0	0	2	3	31	97.94	YES	YES	2	County	Minor Arterial	Painted Median	632	99%	60%	
1,434	101	NJTPA	UNION	ELIZABETH CITY	20041384	0.00	0.51	0.51	KAPKOWSKI RD	12	0	1	0	3	8	97.46	YES	YES	4	Municipal	Minor Collector	Painted Median	342	98%	74%	
1,438	102	NJTPA	UNION	RAHWAY CITY	201312451	0.00	0.72	0.72	RANDOLPH AVE	38	0	0	0	6	32	97.09	YES	YES	2	Municipal	Minor Arterial	Painted Median	898	99%	59%	
1,438	102	NJTPA	UNION	UNION TWP	20191587	0.00	0.63	0.63	OAKLAND AVE	38	0	0	0	6	32	97.09	YES	YES	2	Municipal	Major Collector	None	488	95%	43%	
1,469	104	NJTPA	UNION	ELIZABETH CITY	20041160	0.02	1.02	1.00	WESTMINATER AVE	23	0	0	2	4	17	94.79	YES	YES	2	Municipal	Local	Painted Median	588	99%	74%	
1,496	105	NJTPA	UNION	PLAINFIELD CITY	20121295	1.20	1.96	0.76	WATCHUNG AVE	34	0	0	0	6	28	93.09	YES	YES	2	Municipal	Major Collector	None	443	100%	74%	
1,498	106	NJTPA	UNION	ELIZABETH CITY	200413861	0.01	0.29	0.28	W GRAND ST	11	0	1	1	1	8	92.96	YES	YES	2	Municipal	Minor Arterial	Painted Median	577	100%	74%	
1,511	107	NJTPA	UNION	UNION TWP	2000656	0.00	0.71	0.71	UNION COUNTY 656	27	0	0	1	5	21	92.44	YES	YES	2	County	Local	None	515	82%	43%	
1,526	108	NJTPA	UNION	ELIZABETH CITY	20041769	0.10	1.10	1.00	UNION COUNTY 656	46	0	0	1	3	42	91.74	YES	YES	2	Municipal	Minor Arterial	Painted Median	342	100%	74%	
1,534	109	NJTPA	UNION	ELIZABETH CITY	20041388	0.80	1.29	0.49	FRONT ST	13	0	0	3	3	7	91.13	YES	YES	2	Municipal	Minor Arterial	Painted Median	734	100%	74%	
1,554	110	NJTPA	UNION	CLARK TWP	20000606	3.22	4.22	1.00	UNION COUNTY 606	24	0	0	1	5	18	89.44	YES	YES	2	County	Minor Arterial	Painted Median	618	44%	31%	
1,556	111	NJTPA	UNION	PLAINFIELD CITY	20121302	0.05	0.50	0.45	BERCKMAN AVE	21	0	0	3	2	16	89.29	YES	YES	2	Municipal	Major Collector	None	443	99%	49%	
1,558	112	NJTPA	UNION	RAHWAY CITY	20131244	0.00	0.86	0.86	JACQUES AVE	17	0	1	1	0	15	89.11	YES	YES	2	Municipal	Major Collector	None	513	99%	60%	
1,560	113	NJTPA	UNION	CLARK TWP	20021148	0.00	0.72	0.72	TERMINAL AVE	27	0	0	2	3	22	88.94	NO	YES	2	Municipal	Major Collector	Painted Median	825	44%	16%	
1,571	114	NJTPA	UNION	PLAINFIELD CITY	20121305	0.17	1.17	1.00	WOODLAND AVE	6	0	1	1	1	3	87.96	YES	YES	2	Municipal	Major Collector	None	443	98%	50%	
1,580	115	NJTPA	UNION	RAHWAY CITY	20131245	0.00	1.00	1.00	MAPLE AVE	19	0	0	0	3	2	14	87.29	YES	YES	2	Municipal	Major Collector	Painted Median	507	85%	46%
1,613	116	NJTPA	UNION	ROSELLE PARK BORO	20151081	0.40	1.40	1.00	GRANT AVE	30	0	0	1	4	25	85.59	YES	YES	2	Municipal	Major Collector	None	478	98%	56%	
1,644	117	NJTPA	UNION	CLARK TWP	20021269	0.00	1.00	1.00	VALLEY RD	21	0	0	2	3	16	82.94	YES	YES	2	Municipal	Minor Arterial	Painted Median	278	74%	31%	
1,651	118	NJTPA	UNION	SUMMIT CITY	2000651	0.00	1.00	1.00	UNION COUNTY 651	27	0	0	1	4	22	82.59	YES	YES	2	County	Minor Arterial	None	672	84%	26%	
1,724	119	NJTPA	UNION	PLAINFIELD CITY	20121303	0.00	0.59	0.59	RICHMOND ST	13	0	1	0	1	11	78.76	YES	YES	2	Municipal	Minor Arterial	None	443	99%	58%	
1,746	120	NJTPA	UNION	ELIZABETH CITY	20006618	1.70	2.70	1.00	UNION COUNTY 618	16	0	0	2	3	11	77.94	YES	YES	2	County	Minor Arterial	Painted Median	478	97%	74%	
1,754	121	NJTPA	UNION	ROSELLE PARK BORO	20151102	0.00	0.78	0.78	W COLFAX AVE	12	0	1	0	1	10	77.76	YES	YES	2	Municipal	Major Collector	None	492	74%	33%	
1,767	122	NJTPA	UNION	RAHWAY CITY	20131242	0.00	0.83	0.83	LAKE AVE	15	0	0	2	3	10	76.94	YES	YES	2	Municipal	Minor Arterial	None	513	85%	46%	
1,772	123	NJTPA	UNION	CRANFORD TWP	20031361	0.00	0.77	0.77	MYRTLE ST	12	0	0	4	0	8	76.79	YES	YES	2	Municipal	Major Collector	None	513	98%	48%	
1,779	124	NJTPA	UNION	SPRINGFIELD TWP	2000635	0.06	1.06	1.00	UNION COUNTY 635	24	0	0	2	2	20	76.09	YES	YES	2	County	Minor Arterial	None	632	45%	33%	
1,811	125	NJTPA	UNION	PLAINFIELD CITY	20121301	0.00	0.28	0.28	ROOSEVELT AVE	19	0	0	1	4	14	74.59	YES	YES	2	Municipal	Major Collector	None	931	100%	73%	
1,833	126	NJTPA	UNION	WESTFIELD TOWN	00005095	0.00	1.00	1.00	ROUTE 509 SPUR	24	0	0	0	5	19	73.24	Y NOT FOUND IN FRY NOT FOUND IN ROADWAY NETWORK	Unknown	Unknown	None	N/A	N/A	N/A	N/A	N/A	
1,833	126	NJTPA	UNION	PLAINFIELD CITY	0000028	15.30	16.30	1.00	NJ 28	24	0	0	0	5	19	73.24	YES	YES	2	County	Principal Arterial - Other	None	443	100%	74%	
1,858	128	NJTPA	UNION	ELIZABETH CITY	20041098	0.00	0.51	0.51	MARY ST	20	0	0	2	2	16	72.09	YES	YES	2	Municipal	Local	None	588	100%	74%	
1,858	128	NJTPA	UNION	ELIZABETH CITY	20041022	0.07	1.06	0.99	FULTON ST	20	0	0	2	2	16	72.09	YES	YES	2	Municipal	Local	None	342	100%	74%	
1,873	130	NJTPA	UNION	ELIZABETH CITY	20041754	0.30	0.40	0.10	3RD ST	26	0	0	1	3	22	71.74	YES	YES	4	Municipal	Local	Painted Median	342	98%	74%	
1,891	131	NJTPA	UNION	MOUNTAINSIDE BORO	20006645	0.02	1.02	1.00	UNION COUNTY 645	21	0	0	0	5	16	70.24	NO	NO	2	County	Minor Arterial	Painted Median	1,266	33%	8%	
1,891	131	NJTPA	UNION	UNION TWP	20191586	0.00	1.00	1.00	GREEN LN	21	0	0	0	5	16	70.24	YES	YES	2	Municipal	Major Collector	None	478	81%	36%	
1,900	133	NJTPA	UNION	UNION TWP	20191594	0.20	1.09	0.89	UNION AVE	24	0	0	1	3	20	69.74	YES	YES	2	Municipal	Major Collector	None	488	100%	64%	
1,906	134	NJTPA	UNION	HILLSIDE TWP	20071181	0.00	1.00	1.00	CENTRAL AVE	14	0	0	1	4	9	69.59	YES	YES	2	Municipal	Local	None	439	100%	89%	
1,912	135	NJTPA	UNION	NEW PROVIDENCE BORO	20111001	0.58	1.58	1.00	CENTRAL AVE	20	0	0	1	5	15	69.24	NO	NO	2	Municipal	Major Collector	None	1,182	38%	13%	
1,931	136	NJTPA	UNION	RAHWAY CITY	20000602	0.79	0.79	0.00	UNION COUNTY 602	26	0	0	2	1	23	68.24	YES	YES	2	County	Minor Arterial	Painted Median	513	85%	46%	
1,948	137	NJTPA	UNION	ROSELLE PARK BORO	0000028	15.30	16.30	1.00	NJ 28	12	0	0	1	4	7	67.59	YES	YES	2	N.J.D.O.T.	Principal Arterial - Other	Painted Median	478	97%	68%	
1,964	138	NJTPA	UNION	SCOTCH PLAINS TWP	20161293	0.77	1.60	0.83	RARITAN RD	11	1	0	0	0	0	66.92	YES	YES	2	Municipal	Minor Arterial	None	713	81%	21%	
1,964	138	NJTPA	UNION	ROSELLE BORO	20141048	0.00	0.35	0.35	BROOKLAWN AVE	11	0	1	0	0	10	66.92	YES	YES	2	Municipal	Local	None	618	100%	56%	
1,983	140	NJTPA	UNION	ELIZABETH CITY	20041018	0.00	1.00	1.00	2ND AVE	11	0	0	1	4	6	66.59	YES	YES	2	Municipal	Local	None	342	100%	74%	
1,993	141	NJTPA	UNION	CRANFORD TWP	20031135	0.00	1.00	1.00	S. UNION AVE	10	0	1	0	0	9	65.92	YES	YES	2	Municipal	Local	None	489	51%	26%	
2,010	142	NJTPA	UNION	ELIZABETH CITY	20041316	0.00	0.24	0.24	ATLANTIC ST	13	0	0	2	2	9	65.09	YES	YES	4	Municipal	Local	Painted Median	970	93%	72%	
2,019	143	NJTPA	UNION	ELIZABETH CITY	20041090	0.00	0.47	0.47	REID ST	29	0	0	1	2	26	64.89	YES	YES	2	Municipal	Local	None	342	100%	74%	
2,022	144	NJTPA	UNION	ELIZABETH CITY	20041021	0.02	1.02	1.00	MARSHALL ST	19	0	0	1	3	15	64.74	YES	YES	2	Municipal	Local	None	342	100%	74%	
2,055	145	NJTPA	UNION	WESTFIELD TOWN	20201063	0.01	1.01	1.00	E. DUDLEY AVE	11	0	0	2	2	7	63.09	YES	YES	2	Municipal						



# 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.

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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
2,668	190	NJTPA	UNION	LINDEN CITY	20091290	0.00	0.44	0.44	W BLANCKE ST	21	0	0	0	2	19	40.70	YES	YES	2	Municipal	Major Collector	None	730	97%	46%
2,675	192	NJTPA	UNION	ELIZABETH CITY	20041424	0.00	0.81	0.81	EDGAR DR	11	0	0	0	3	8	40.54	YES	YES	2	Municipal	Major Collector	None	577	100%	74%
2,675	192	NJTPA	UNION	CRANFORD TWP	20031258	0.00	0.73	0.73	COMMERCIE RD	11	0	0	0	3	8	40.54	YES	YES	2	Municipal	Major Collector	None	513	98%	48%
2,675	192	NJTPA	UNION	PLAINFIELD CITY	20121331	1.88	2.88	1.00	S SECOND ST	11	0	0	0	3	8	40.54	YES	YES	2	Municipal	Major Collector	None	805	100%	74%
2,691	195	NJTPA	UNION	ELIZABETH CITY	20041113	0.00	0.87	0.87	JACKSON AVE	14	0	0	1	1	12	40.04	YES	YES	2	Municipal	Minor Collector	None	342	100%	74%
2,691	195	NJTPA	UNION	ELIZABETH CITY	20041106	0.07	0.55	0.48	MADISON AVE	14	0	0	1	1	12	40.04	YES	YES	2	Municipal	Minor Collector	None	342	100%	89%
2,712	197	NJTPA	UNION	SUMMIT CITY	20000622	4.50	5.50	1.00	UNION COUNTY 622	10	0	0	0	3	7	39.54	NO	YES	2	County	Minor Arterial	None	930	38%	16%
2,739	198	NJTPA	UNION	HILLSIDE TWP	20071173	0.01	0.37	0.36	WILLIAMSON AVE	13	0	0	1	1	11	39.04	YES	YES	2	Municipal	Local	None	249	100%	89%
2,739	198	NJTPA	UNION	KENILWORTH BORO	20081583	0.00	0.98	0.98	N 14TH ST	13	0	0	1	1	11	39.04	YES	YES	2	Municipal	Major Collector	Painted Median	679	80%	72%
2,773	200	NJTPA	UNION	ROSELLE BORO	20141085	0.00	1.00	1.00	HARRISON AVE	12	0	0	1	1	10	38.04	YES	YES	2	Municipal	Local	None	478	100%	64%
2,791	201	NJTPA	UNION	UNION TWP	20191584	0.00	1.00	1.00	COLONIAL AVE	8	0	0	0	3	5	37.54	YES	YES	2	Municipal	Major Collector	None	515	68%	36%
2,799	202	NJTPA	UNION	ROSELLE BORO	20141066	0.01	0.44	0.43	POPLAR ST	11	0	0	1	1	9	37.04	YES	YES	2	Municipal	Local	None	618	100%	64%
2,851	203	NJTPA	UNION	ROSELLE BORO	20141206	0.37	1.37	1.00	E 5TH AVE	16	0	0	0	2	14	35.70	YES	YES	2	Municipal	Local	None	513	100%	56%
2,851	203	NJTPA	UNION	HILLSIDE TWP	20041412	0.31	1.31	1.00	SALEM AVE	16	0	0	0	2	14	35.70	YES	YES	2	Municipal	Major Collector	Painted Median	439	100%	89%
2,887	205	NJTPA	UNION	SCOTCH PLAINS TWP	20121331	5.87	6.87	1.00	S SECOND ST	8	0	0	1	1	6	34.04	YES	YES	2	Municipal	Major Collector	None	774	54%	22%
2,917	206	NJTPA	UNION	CRANFORD TWP	20031266	0.00	0.29	0.29	WALNUT AVE	17	0	0	1	0	16	33.20	YES	YES	2	Municipal	Minor Arterial	None	649	51%	26%
2,934	207	NJTPA	UNION	HILLSIDE TWP	20071187	0.02	0.54	0.52	SUMMIT AVE	23	0	0	0	1	22	32.85	YES	YES	2	Municipal	Major Collector	None	249	100%	63%
2,934	207	NJTPA	UNION	ELIZABETH CITY	20041054	0.30	1.30	1.00	2ND ST	23	0	0	0	1	22	32.85	YES	YES	2	Municipal	Local	Painted Median	342	100%	74%
2,938	209	NJTPA	UNION	ELIZABETH CITY	20041126	0.10	0.37	0.27	JULIA ST	13	0	0	0	2	11	32.70	YES	YES	2	Municipal	Local	None	342	100%	74%
2,938	209	NJTPA	UNION	ELIZABETH CITY	20041226	0.00	0.81	0.81	PARK AVE	13	0	0	0	2	11	32.70	YES	YES	2	Municipal	Local	None	478	97%	65%
2,938	209	NJTPA	UNION	WESTFIELD TOWN	20201330	0.90	1.90	1.00	RAHWAY AVE	13	0	0	0	2	11	32.70	YES	YES	2	Municipal	Major Collector	None	802	54%	21%
2,965	212	NJTPA	UNION	WESTFIELD TOWN	20201082	0.01	0.85	0.84	PROSPECT ST	16	0	0	1	0	15	32.20	YES	YES	2	Municipal	Local	None	774	8%	8%
2,982	213	NJTPA	UNION	PLAINFIELD CITY	20121299	0.12	0.82	0.70	CLUNTON AVE	12	0	0	0	2	10	31.70	YES	YES	2	Municipal	Major Collector	None	856	100%	67%
2,982	213	NJTPA	UNION	ELIZABETH CITY	20041074	0.10	0.44	0.34	LOOMIS ST	12	0	0	0	2	10	31.70	YES	YES	2	Municipal	Local	None	577	100%	72%
2,982	213	NJTPA	UNION	LINDEN CITY	20091287	0.02	0.96	0.94	LOWER RD	12	0	0	0	2	10	31.70	YES	YES	2	Municipal	Minor Arterial	None	424	77%	43%
3,013	216	NJTPA	UNION	ROSELLE BORO	00000227	29.90	30.90	1.00	NJ 27	15	0	0	1	0	14	31.20	Y NOT FOUND IN	YES	4	N.J.D.O.T.	Principal Arterial - Other	None	618	97%	46%
3,022	217	NJTPA	UNION	BERKELEY HEIGHTS TWP	20000663	1.59	2.37	0.78	UNION COUNTY 663	5	0	0	1	1	3	31.04	Y NOT FOUND IN	FRY NOT FOUND IN ROADWAY NETWORK	Unknown	Unknown	None	N/A	N/A	N/A	
3,022	217	NJTPA	UNION	MOUNTAINSIDE BORO	20000643	1.09	2.09	1.00	UNION COUNTY 643	5	0	0	1	1	3	31.04	YES	YES	3	County	Minor Arterial	None	632	84%	26%
3,035	219	NJTPA	UNION	RAHWAY CITY	20000609	0.03	0.86	0.83	UNION COUNTY 609	21	0	0	0	1	20	30.85	YES	YES	2	County	Minor Arterial	Painted Median	513	99%	59%
3,087	220	NJTPA	UNION	LINDEN CITY	20091107	0.00	0.44	0.44	GESNER ST	10	0	0	0	2	8	29.70	YES	YES	2	Municipal	Local	None	618	97%	46%
3,087	220	NJTPA	UNION	SUMMIT CITY	20000622	5.57	6.57	1.00	UNION COUNTY 622	10	0	0	0	2	8	29.70	YES	YES	2	County	Minor Arterial	None	845	84%	26%
3,156	222	NJTPA	UNION	BERKELEY HEIGHTS TWP	00000527	65.80	66.80	1.00	ROUTE 527	2	0	0	1	1	0	28.04	NO	YES	2	County	Minor Arterial	None	874	32%	16%
3,185	223	NJTPA	UNION	HILLSIDE TWP	20071170	0.00	0.33	0.33	MUNN AVET	11	0	0	1	0	10	27.20	YES	YES	2	Municipal	Local	None	249	100%	89%
3,185	223	NJTPA	UNION	PLAINFIELD CITY	20121293	0.42	1.42	1.00	CENTRAL AVE	11	0	0	1	0	10	27.20	YES	YES	2	Municipal	Major Collector	None	867	100%	74%
3,185	223	NJTPA	UNION	ELIZABETH CITY	20041419	0.70	0.97	0.27	BAYWAY AVE	11	0	0	1	0	10	27.20	YES	YES	2	Municipal	Minor Arterial	Painted Median	970	93%	72%
3,242	226	NJTPA	UNION	LINDEN CITY	20091039	0.00	0.65	0.65	MAPLE AVE	10	0	0	1	0	9	26.20	YES	YES	2	Municipal	Local	None	618	100%	46%
3,242	226	NJTPA	UNION	ROSELLE BORO	20031267	0.31	0.99	0.68	DERMODY ST	10	0	0	1	0	9	26.20	YES	YES	2	Municipal	Local	None	513	98%	56%
3,242	226	NJTPA	UNION	HILLSIDE TWP	20071070	0.10	0.47	0.37	WHITE ST	10	0	0	1	0	9	26.20	YES	YES	2	Municipal	Local	None	439	100%	60%
3,242	226	NJTPA	UNION	LINDEN CITY	20091250	0.00	0.58	0.58	ACADEMY TER	10	0	0	1	0	9	26.20	YES	YES	2	Municipal	Local	None	618	90%	46%
3,268	230	NJTPA	UNION	ELIZABETH CITY	20041413	0.00	0.38	0.38	FAIRMOUNT AVE	16	0	0	0	1	15	25.85	YES	YES	2	Municipal	Major Collector	Painted Median	342	100%	72%
3,268	230	NJTPA	UNION	RAHWAY CITY	20131251	0.00	0.51	0.51	IRVING ST	16	0	0	0	1	15	25.85	YES	YES	2	Municipal	Minor Arterial	Painted Median	513	99%	60%
3,268	230	NJTPA	UNION	PLAINFIELD CITY	20121590	0.50	1.50	1.00	E 3RD ST	16	0	0	0	1	15	25.85	YES	YES	2	Municipal	Local	None	443	99%	65%
3,268	230	NJTPA	UNION	SCOTCH PLAINS TWP	20161002	0.14	0.58	0.44	GLENSIDE AVE	16	0	0	0	1	15	25.85	YES	YES	2	Municipal	Local	Painted Median	774	54%	11%
3,268	230	NJTPA	UNION	ELIZABETH CITY	20041097	0.01	0.83	0.82	ANNA ST	16	0	0	0	1	15	25.85	YES	YES	2	Municipal	Minor Collector	None	342	100%	74%
3,287	235	NJTPA	UNION																						