

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.

New Jersey Network Screening Lists, 2019

Union - Pedestrian Intersection List (2012-2016 Crashes)

Developed by GPI, Jacobs, and MBO Engineering for the New Jersey Department of Transportation (NJDOT)

Submitted: Wednesday, May 1, 2019

Printed: Friday, May 31, 2019

Crash Filtering Criteria

Crash	Year	IN [2012, 2013, 2014,2015,2016]	Years 2012, 2013, 2014, 2015, 2016
	County	IN [2,7,9,10,12,13,14,15,16,18,19,20,21]	2 - Bergen; 7 - Essex; 9 - Hudson; 10 - Hunterdon; 12 - Middlesex; 13 - Monmouth; 14 - Morris; 15 - Ocean; 16 - Passaic; 18 - Somerset; 19 - Sussex; 20 - Union; 21 - Warren
	Road_Sys_Code	IN [5,6,7,8]	5 - County; 6 - County Authority; 7 - Municipal; 8 - Mun Authority
	Intersection	IN [1]	1 - At Intersection
	Crash_Type	IN [13]	13 - Pedestrian
Pedestrian	Total_Peds_Involved	>0	At least one pedestrian/bicyclist involved
	Is_Bicyclist	NOT IN [Y]	At least one pedestrian involved is not a bicyclist

Equivalent Property Damage Only (ePDO) Score Weights

Crash Severity	KABCO Scale	2016 Dollars	ePDO Value (K=A)	eC Value (K=A)
Fatal	K	\$11,295,400	55.0420	5.2150
Incapacitating	A	\$655,000	55.0420	5.2150
Non-incapacitating	B	\$198,500	16.6807	1.5804
Possible Injury	C	\$125,600	10.5546	1.0000
Property Damage Only	PDO	\$11,900	1.0000	-

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

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

County Rank	Rank (Weighted Score)	MPO	County	Town	Major Route			Minor Route			Crashes by Severity (2012-2016)						Roadway System	Weighted Score (ePDO)	Weighted Score (eC)
					SRI	Milepost	Route Name	SRI	MP	Route Name	Total Crashes	K	A	B	C	No Injury			
1	73	NJTPA	UNION	ELIZABETH CITY	20041420	1.39	Elizabeth Avenue	20041090	0.00	Reid Street	3	0	1	0	2	0	Municipal	76.15	7.22
2	81	NJTPA	UNION	UNION TWP	20000619	5.14	Stuyvesant Avenue	20000630	2.15	Vauxhall Road	6	0	0	2	4	0	County	75.58	7.16
3	89	NJTPA	UNION	ELIZABETH CITY	20041394	0.93	York Street	20041418	0.42	Division Street	2	1	0	1	0	0	Municipal	71.72	6.80
3	89	NJTPA	UNION	WESTFIELD TOWN	20000610	2.45	North Avenue	20201116	0.09	Tuttle Parkway	2	1	0	1	0	0	County	71.72	6.80
5	111	NJTPA	UNION	UNION TWP	20000630	0.63	Vauxhall Road	20201122	0.00	Hilton Avenue	2	1	0	0	1	0	County	65.60	6.22
5	111	NJTPA	UNION	PLAINFIELD CITY	20000611	3.54	Terrill Road	20000620	2.46	East Front Street	2	0	1	0	1	0	County	65.60	6.22
5	111	NJTPA	UNION	LINDEN CITY	20000615	0.65	North Stiles Street	20091290	0.00	West Blancke Street	2	0	1	0	1	0	County	65.60	6.22
8	169	NJTPA	UNION	ELIZABETH CITY	20000623	1.34	Broad Street	200413861	0.29	West Grand Street	2	0	1	0	0	1	County	56.04	5.22
9	179	NJTPA	UNION	WESTFIELD TOWN	20000613	2.58	Central Avenue	20201202	0.00	Laurel Place	1	0	1	0	0	0	County	55.04	5.22
9	179	NJTPA	UNION	WESTFIELD TOWN	20000613	2.07	Central Avenue	20201211	0.00	Cacciola Place	1	0	1	0	0	0	County	55.04	5.22
9	179	NJTPA	UNION	ELIZABETH CITY	20041422	0.53	Summer Street	20041354	0.46	Arenett Street	1	1	0	0	0	0	Municipal	55.04	5.22
9	179	NJTPA	UNION	ELIZABETH CITY	20041020	0.09	First Avenue	20041066	0.27	Delaware Street	1	1	0	0	0	0	Municipal	55.04	5.22
9	179	NJTPA	UNION	CRANFORD TWP	20000615	5.41	Springfield Avenue	20031107	0.00	Pawnee Road	1	1	0	0	0	0	County	55.04	5.22
9	179	NJTPA	UNION	CRANFORD TWP	20000615	3.86	Centennial Avenue	20000610	5.61	South Avenue	1	0	1	0	0	0	County	55.04	5.22
9	179	NJTPA	UNION	UNION TWP	20000630	1.90	Vauxhall Road	20191291	0.00	Overlook Ter	1	0	1	0	0	0	County	55.04	5.22
9	179	NJTPA	UNION	ROSELLE BORO	20000612	1.59	East 3rd Avenue	20000616	3.24	Linden Road	1	0	1	0	0	0	County	55.04	5.22
9	179	NJTPA	UNION	UNION TWP	20000627	0.91	Chestnut Street	20191436	0.00	Carolyn Road	1	1	0	0	0	0	County	55.04	5.22
9	179	NJTPA	UNION	ROSELLE PARK BORO	20000627	0.17	Chestnut Street	20151081	0.86	West Grant Avenue	1	0	1	0	0	0	County	55.04	5.22
9	179	NJTPA	UNION	LINDEN CITY	20000619	0.31	Roselle Street	20091093	0.10	East Elm Street	1	1	0	0	0	0	Municipal	55.04	5.22
9	179	NJTPA	UNION	ELIZABETH CITY	20041416	0.65	Magnolia Avenue	20041429	0.83	Madison Avenue	1	1	0	0	0	0	Municipal	55.04	5.22
9	179	NJTPA	UNION	WESTFIELD TOWN	20201115	0.08	Cowperthwaite Place	20201016	0.31	Prospect Street	1	1	0	0	0	0	Municipal	55.04	5.22
22	305	NJTPA	UNION	ELIZABETH CITY	20000610	9.39	West Grand Street	20041425	0.50	Grove Street	4	0	0	2	2	0	County	54.47	5.16
23	312	NJTPA	UNION	PLAINFIELD CITY	20000620	0.67	East Front Street	20121295	1.88	Watchung Avenue	6	0	0	0	5	1	County	53.77	5.00
24	336	NJTPA	UNION	HILLSIDE TWP	00000509	7.62	Liberty Avenue	20000631	0.00	Bloy Street	4	0	0	1	3	0	County	48.34	4.58
24	336	NJTPA	UNION	HILLSIDE TWP	20000623	3.32	North Broad Street	20071035	0.00	Hollywood Avenue	4	0	0	1	3	0	County	48.34	4.58
26	357	NJTPA	UNION	PLAINFIELD CITY	20121301	0.00	Roosevelt Avenue	20121331	2.52	East Second Street	4	0	0	2	1	1	Municipal	44.92	4.16
27	413	NJTPA	UNION	LINDEN CITY	20000617	1.99	South Wood Avenue	00000514	40.71	Elizabeth Avenue	6	0	0	1	2	3	County	40.79	3.58
28	417	NJTPA	UNION	SUMMIT CITY	20000622	6.60	Mountain Avenue	20181271	0.15	Morris Avenue	4	0	0	1	2	1	County	38.79	3.58
29	431	NJTPA	UNION	KENILWORTH BORO	00000509	3.99	Boulevard	20031367	1.41	North 21st Street	3	0	0	1	2	0	County	37.79	3.58
29	431	NJTPA	UNION	CLARK TWP	20000613	4.10	Central Avenue	20000607	1.82	Raritan Road	3	0	0	1	2	0	County	37.79	3.58
29	431	NJTPA	UNION	PLAINFIELD CITY	20121303	0.40	Richmond Street	20000620	1.04	East Front Street	3	0	0	1	2	0	County	37.79	3.58
29	431	NJTPA	UNION	WESTFIELD TOWN	20000610	3.16	South Avenue	20201147	2.12	Boulevard	3	0	0	1	2	0	County	37.79	3.58
29	431	NJTPA	UNION	LINDEN CITY	20000617	2.14	South Wood Avenue	20091290	0.44	West Blancke Street	3	0	0	1	2	0	County	37.79	3.58
34	498	NJTPA	UNION	SUMMIT CITY	00000512	29.90	Springfield Avenue	20181255	1.00	Passaic Avenue	3	0	0	2	0	1	County	34.36	3.16
35	509	NJTPA	UNION	ELIZABETH CITY	20041428	0.18	Scott Place	20041137	0.00	Dickinson Street	2	0	0	2	0	0	Municipal	33.36	3.16
35	509	NJTPA	UNION	SCOTCH PLAINS TWP	20121331	5.12	Westfield Avenue	20161099	0.00	Montague Avenue	2	0	0	2	0	0	Municipal	33.36	3.16
35	509	NJTPA	UNION	HILLSIDE TWP	20000631	0.29	Bloy Street	20071058	0.26	Yale Avenue	2	0	0	2	0	0	County	33.36	3.16
38	534	NJTPA	UNION	HILLSIDE TWP	00000509	7.99	Liberty Avenue	20071053	0.62	Long Avenue	4	0	0	0	3	1	County	32.66	3.00
38	534	NJTPA	UNION	HILLSIDE TWP	00000509	7.46	Liberty Avenue	20071067	0.00	Ryan Street	4	0	0	0	3	1	County	32.66	3.00
40	548	NJTPA	UNION	PLAINFIELD CITY	20000601	2.96	East 7th Avenue	20161304	1.17	Leland Avenue	3	0	0	0	3	0	County	31.66	3.00
40	548	NJTPA	UNION	PLAINFIELD CITY	00000531	8.62	Park Avenue	20121331	2.25	East Second Street	3	0	0	0	3	0	County	31.66	3.00
40	548	NJTPA	UNION	PLAINFIELD CITY	00000028	15.19	West Fifth Street	00000531	8.41	Park Avenue	3	0	0	0	3	0	County	31.66	3.00
40	548	NJTPA	UNION	PLAINFIELD CITY	20000601	2.47	East 7th Avenue	20121091	0.22	Central Street	3	0	0	0	3	0	County	31.66	3.00
40	548	NJTPA	UNION	SUMMIT CITY	20000657	0.17	Summit Avenue	20181256	0.91	Springfield Avenue	3	0	0	0	3	0	County	31.66	3.00
45	647	NJTPA	UNION	SUMMIT CITY	20000657	0.08	Summit Avenue	20181266	0.00	Union Place	2	0	0	0	1	0	County	27.24	2.58
45	647	NJTPA	UNION	LINDEN CITY	20091379	1.40	Dewitt Ter	20091077	0.25	West Henry Street	2	0	0	1	1	0	Municipal	27.24	2.58
45	647	NJTPA	UNION	PLAINFIELD CITY	00000531	8.26	Park Avenue	20000601	1.57	West 7th Avenue	2	0	0	1	1	0	County	27.24	2.58
45	647	NJTPA	UNION	ELIZABETH CITY	20041025	0.00	Livingston Street	20041044	0.26	Third Street	2	0	0	1	1	0	Municipal	27.24	2.58

New Jersey Network Screening Lists, 2019

Union - Pedestrian Intersection List (2012-2016 Crashes)

Developed by GPI, Jacobs, and MBO Engineering for the New Jersey Department of Transportation (NJDOT)

Submitted: Wednesday, May 1, 2019

Printed: Friday, May 31, 2019

Crash Filtering Criteria

Crash	Year	IN [2012, 2013, 2014, 2015, 2016]	Years 2012, 2013, 2014, 2015, 2016
	County	IN [2, 7, 9, 10, 12, 13, 14, 15, 16, 18, 19, 20, 21]	2 - Bergen; 7 - Essex; 9 - Hudson; 10 - Hunterdon; 12 - Middlesex; 13 - Monmouth; 14 - Morris; 15 - Ocean; 16 - Passaic; 18 - Somerset; 19 - Sussex; 20 - Union; 21 - Warren
	Road_Sys_Code	IN [5, 6, 7, 8]	5 - County; 6 - County Authority; 7 - Municipal; 8 - Mun Authority
	Intersection	IN [1]	1 - At Intersection
	Crash_Type	IN [13]	13 - Pedestrian
Pedestrian	Total_Peds_Involved	>0	At least one pedestrian/bicyclist involved
	Is_Bicyclist	NOT IN [Y]	At least one pedestrian involved is not a bicyclist

Equivalent Property Damage Only (ePDO) Score Weights

Crash Severity	KABCO Scale	2016 Dollars	ePDO Value (K=A)	eC Value (K=A)
Fatal	K	\$11,295,400	55.0420	5.2150
Incapacitating	A	\$655,000	55.0420	5.2150
Non-incapacitating	B	\$198,500	16.6807	1.5804
Possible Injury	C	\$125,600	10.5546	1.0000
Property Damage Only	PDO	\$11,900	1.0000	-

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

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

County Rank	Rank (Weighted Score)	MPO	County	Town	Major Route			Minor Route			Crashes by Severity (2012-2016)						Roadway System	Weighted Score (ePDO)	Weighted Score (eC)
					SRI	Milepost	Route Name	SRI	MP	Route Name	Total Crashes	K	A	B	C	No Injury			
45	647	NJTPA	UNION	WESTFIELD TOWN	00000509	0.16	East Broad Street	20121331	8.06	Elm Street	2	0	0	1	1	0	County	27.24	2.58
45	647	NJTPA	UNION	ELIZABETH CITY	20000623	1.09	Broad Street	20041137	0.19	Dickinson Street	2	0	0	1	1	0	County	27.24	2.58
45	647	NJTPA	UNION	ELIZABETH CITY	20000623	1.31	Broad Street	200413862	0.00	East Grand Street	2	0	0	1	1	0	County	27.24	2.58
45	647	NJTPA	UNION	CRANFORD TWP	20000610	5.37	South Avenue	20000632	2.11	Walnut Avenue	2	0	0	1	1	0	County	27.24	2.58
45	647	NJTPA	UNION	ROSELLE PARK BORO	20000619	2.72	Locust Street	20151050	0.15	West Lincoln Avenue	2	0	0	1	1	0	Municipal	27.24	2.58
45	647	NJTPA	UNION	WESTFIELD TOWN	00000509	0.06	East Broad Street	20201016	0.06	Prospect Street	2	0	0	1	1	0	County	27.24	2.58
45	647	NJTPA	UNION	UNION TWP	20191587	0.07	Oakland Avenue	20191018	0.61	Walker Avenue	2	0	0	1	1	0	Municipal	27.24	2.58
45	647	NJTPA	UNION	ELIZABETH CITY	200413862	0.27	East Grand Street	20041429	0.95	Madison Avenue	2	0	0	1	1	0	Municipal	27.24	2.58
45	647	NJTPA	UNION	ELIZABETH CITY	200413862	0.05	East Grand Street	20041157	0.00	Commerce Place	2	0	0	1	1	0	Municipal	27.24	2.58
45	647	NJTPA	UNION	SUMMIT CITY	00000512	31.41	Broad Street	20181022	0.09	Railroad Avenue	2	0	0	1	1	0	County	27.24	2.58
45	647	NJTPA	UNION	RAHWAY CITY	20131246	0.49	Linden Avenue	20131078	0.30	Audrey Drive	2	0	0	1	1	0	Municipal	27.24	2.58
45	647	NJTPA	UNION	RAHWAY CITY	20000613	6.17	West Grand Avenue	20131102	0.05	Church Street	2	0	0	1	1	0	County	27.24	2.58
61	861	NJTPA	UNION	ELIZABETH CITY	20041416	0.27	Prince Street	20041160	0.02	Westfield Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
61	861	NJTPA	UNION	ELIZABETH CITY	20000612	2.59	Jersey Avenue	20041425	0.32	Grove Street	2	0	0	0	2	0	County	21.11	2.00
61	861	NJTPA	UNION	ELIZABETH CITY	20041421	0.29	East Jersey Street	20000623	1.24	Broad Street	2	0	0	0	2	0	County	21.11	2.00
61	861	NJTPA	UNION	FANWOOD BORO	20000611	3.23	Terrill Road	20000610	0.00	Midway Avenue	2	0	0	0	2	0	County	21.11	2.00
61	861	NJTPA	UNION	HILLSIDE TWP	20000623	3.59	North Broad Street	20071174	0.00	Mertz Avenue	2	0	0	0	2	0	County	21.11	2.00
61	861	NJTPA	UNION	CRANFORD TWP	20000615	4.31	Springfield Avenue	20031087	0.00	Holly Street	2	0	0	0	2	0	County	21.11	2.00
61	861	NJTPA	UNION	ELIZABETH CITY	20041054	1.20	South Second Street	20041047	0.16	Inslee Place	2	0	0	0	2	0	Municipal	21.11	2.00
61	861	NJTPA	UNION	HILLSIDE TWP	20000628	0.00	Hillside Avenue	20071187	0.54	Liberty Avenue	2	0	0	0	2	0	County	21.11	2.00
61	861	NJTPA	UNION	HILLSIDE TWP	20071188	0.28	Maple Avenue	20071175	0.50	Clark Street	2	0	0	0	2	0	Municipal	21.11	2.00
61	861	NJTPA	UNION	PLAINFIELD CITY	00000531	8.15	Park Avenue	20121294	0.29	West 8th Street	2	0	0	0	2	0	County	21.11	2.00
61	861	NJTPA	UNION	RAHWAY CITY	20000608	0.30	West Milton Avenue	20131172	0.22	Bryant Street	2	0	0	0	2	0	County	21.11	2.00
61	861	NJTPA	UNION	ELIZABETH CITY	00000439	0.34	Bay Way	20000623	0.00	South Broad Street	2	0	0	0	2	0	County	21.11	2.00
61	861	NJTPA	UNION	UNION TWP	00000444	141.03	Garden State Parkway	20000619	4.32	Chestnut Street	2	0	0	0	2	0	Municipal	21.11	2.00
61	861	NJTPA	UNION	PLAINFIELD CITY	00000028	15.34	West Fifth Street	20121295	1.59	Watchung Avenue	2	0	0	0	2	0	County	21.11	2.00
61	861	NJTPA	UNION	ELIZABETH CITY	20041423	1.43	South Street	20041317	0.00	Willamson Street	2	0	0	0	2	0	Municipal	21.11	2.00
61	861	NJTPA	UNION	ROSELLE BORO	20000610	7.40	West 1st Avenue	20000619	2.18	Locust Street	2	0	0	0	2	0	County	21.11	2.00
61	861	NJTPA	UNION	SPRINGFIELD TWP	00000527	70.00	Springfield Avenue	20171149	0.12	Crescent Road	2	0	0	0	2	0	County	21.11	2.00
61	861	NJTPA	UNION	ROSELLE BORO	20000610	8.28	East 1st Avenue	20141070	1.00	Sheridan Avenue	2	0	0	0	2	0	County	21.11	2.00
61	861	NJTPA	UNION	NEW PROVIDENCE BORO	00000512	27.42	Springfield Avenue	20111221	1.33	Union Avenue	2	0	0	0	2	0	County	21.11	2.00
61	861	NJTPA	UNION	SUMMIT CITY	00000512	31.08	Morris Avenue	20000651	0.00	Morris Avenue	2	0	0	0	2	0	County	21.11	2.00
81	1,107	NJTPA	UNION	PLAINFIELD CITY	00000531	8.06	Park Avenue	20121077	0.24	9th Street	3	0	0	1	0	2	County	18.68	1.58
82	1,113	NJTPA	UNION	CRANFORD TWP	20000632	1.82	Walnut Avenue	20031365	0.51	Lincoln Avenue East	2	0	0	1	0	1	County	17.68	1.58
82	1,113	NJTPA	UNION	UNION TWP	20000619	5.79	Stuyvesant Avenue	20191587	0.00	Oakland Avenue	2	0	0	1	0	1	Municipal	17.68	1.58
82	1,113	NJTPA	UNION	ELIZABETH CITY	00000439	2.04	South Elmora Avenue	20041226	0.00	Park Avenue	2	0	0	1	0	1	Municipal	17.68	1.58
85	1,161	NJTPA	UNION	PLAINFIELD CITY	20000620	0.74	East Front Street	20121153	0.00	Church Street	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	SUMMIT CITY	20181271	0.39	Morris Avenue	20181259	0.25	Summit Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	WESTFIELD TOWN	00000509	0.65	East Broad Street	20201053	0.20	Stanley Ovl	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	WESTFIELD TOWN	00000509	0.36	East Broad Street	20201138	0.00	Saint Paul Street	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	WESTFIELD TOWN	00000509	0.25	East Broad Street	20000613	1.53	Mountain Avenue	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	SPRINGFIELD TWP	00000509S	1.51	South Springfield Avenue	20171040	0.00	Diven Street	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	HILLSIDE TWP	00000509	8.81	Chestnut Avenue	20071123	0.00	Ramsey Avenue	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	RAHWAY CITY	20131247	0.48	Main Street	20131186	0.29	East Cherry Street	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	PLAINFIELD CITY	20161304	1.72	Leland Avenue	20121150	0.55	East Third Street	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	SPRINGFIELD TWP	20171118	0.32	Bryant Avenue	20171120	0.33	Baltsurol Way	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	ELIZABETH CITY	20000623	0.20	South Broad Street	20041422	0.22	Summer Street	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	WESTFIELD TOWN	20000613	2.06	Central Avenue	20201259	0.00	Park Street	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	PLAINFIELD CITY	00000028	16.58	South Avenue	20161304	1.27	Leland Avenue	1	0	0	1	0	0	Municipal	16.68	1.58

New Jersey Network Screening Lists, 2019

Union - Pedestrian Intersection List (2012-2016 Crashes)

Developed by GPI, Jacobs, and MBO Engineering for the New Jersey Department of Transportation (NJDOT)

Submitted: Wednesday, May 1, 2019

Printed: Friday, May 31, 2019

Crash Filtering Criteria

Crash	Year	IN [2012, 2013, 2014, 2015, 2016]	Years 2012, 2013, 2014, 2015, 2016
	County	IN [2, 7, 9, 10, 12, 13, 14, 15, 16, 18, 19, 20, 21]	2 - Bergen; 7 - Essex; 9 - Hudson; 10 - Hunterdon; 12 - Middlesex; 13 - Monmouth; 14 - Morris; 15 - Ocean; 16 - Passaic; 18 - Somerset; 19 - Sussex; 20 - Union; 21 - Warren
	Road_Sys_Code	IN [5, 6, 7, 8]	5 - County; 6 - County Authority; 7 - Municipal; 8 - Mun Authority
	Intersection	IN [1]	1 - At Intersection
	Crash_Type	IN [13]	13 - Pedestrian
Pedestrian	Total_Peds_Involved	>0	At least one pedestrian/bicyclist involved
	Is_Bicyclist	NOT IN [Y]	At least one pedestrian involved is not a bicyclist

Equivalent Property Damage Only (ePDO) Score Weights

Crash Severity	KABCO Scale	2016 Dollars	ePDO Value (K=A)	eC Value (K=A)
Fatal	K	\$11,295,400	55.0420	5.2150
Incapacitating	A	\$655,000	55.0420	5.2150
Non-incapacitating	B	\$198,500	16.6807	1.5804
Possible Injury	C	\$125,600	10.5546	1.0000
Property Damage Only	PDO	\$11,900	1.0000	-

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

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

County Rank	Rank (Weighted Score)	MPO	County	Town	Major Route			Minor Route			Crashes by Severity (2012-2016)						Roadway System	Weighted Score (ePDO)	Weighted Score (eC)
					SRI	Milepost	Route Name	SRI	MP	Route Name	Total Crashes	K	A	B	C	No Injury			
85	1,161	NJTPA	UNION	LINDEN CITY	20000617	2.39	South Wood Avenue	20091077	0.62	East Henry Street	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	PLAINFIELD CITY	00000028	15.70	South Avenue	20121303	0.10	Norwood Avenue	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	PLAINFIELD CITY	00000028	15.46	West Fifth Street	20121159	0.08	Roosevelt Avenue	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	ROSELLE PARK BORO	20000619	2.46	Locust Street	20151081	1.02	West Grant Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	UNION TWP	20000619	4.85	Stuyvesant Avenue	20191514	0.00	Rosemont Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	UNION TWP	20000619	4.73	Stuyvesant Avenue	20191593	0.60	Stuyvesant Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	SUMMIT CITY	20181271	0.44	Morris Avenue	20181022	0.24	Railroad Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	UNION TWP	20191060	0.00	Kirkman Place	20191058	0.04	High Street	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	UNION TWP	20191396	0.00	Terry Lane	20191395	0.17	Putnam Road	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	PLAINFIELD CITY	20000601	1.75	East 7th Avenue	20121295	1.47	Watchung Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	LINDEN CITY	20000615	0.43	South Stiles Street	20091289	2.01	West Linden Avenue	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	WESTFIELD TOWN	20201330	1.14	Rahway Avenue	20201194	0.00	Grove St West	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	LINDEN CITY	20000619	0.08	Roselle Street	20091066	0.20	Ziegler Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	RAHWAY CITY	20000613	6.93	East Grand Avenue	20131051	0.17	Montgomery Street	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	ELIZABETH CITY	20000618	2.70	Orchard Street	20041416	0.00	Irvington Avenue	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	CLARK TWP	20000655	0.00	Lake Avenue	20000607	0.00	Oak Ridge Road	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	SPRINGFIELD TWP	00000527	69.88	Springfield Avenue	20171150	0.08	Cleveland Place	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	SPRINGFIELD TWP	20000635	2.05	Mountain Avenue	20171001	0.00	Wabeno Avenue	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	LINDEN CITY	20091149	0.17	15th St West	20091165	0.00	Eddy Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	WESTFIELD TOWN	20000610	3.07	South Avenue	20201162	0.00	Summit Avenue	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	SCOTCH PLAINS TWP	20000655	4.45	Park Avenue	20000620	3.14	Front Street	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	SCOTCH PLAINS TWP	20000655	4.32	Park Avenue	20121331	4.83	Westfield Avenue	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	WESTFIELD TOWN	20000610	3.55	South Avenue	20201211	0.16	Cacciola Place	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	SCOTCH PLAINS TWP	20121331	4.93	Westfield Avenue	20161018	0.31	Forest Road	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	RAHWAY CITY	20000608	1.23	East Milton Avenue	20131045	0.15	Rutherford Avenue	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	ELIZABETH CITY	200413891	1.27	First Street	20041064	0.09	Court Street	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	WESTFIELD TOWN	20101107	0.98	Lawrence Avenue	20201065	0.10	Sinclair Place	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	CRANFORD TWP	20031085	0.13	Alden Street	20031086	0.12	Miln Street	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	ELIZABETH CITY	20041038	0.28	4th Street	20041054	1.04	South Second Street	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	LINDEN CITY	20091379	0.88	Dewitt Ter	20091250	0.46	Academy Ter	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	WESTFIELD TOWN	20101107	1.20	Lawrence Avenue	20201063	0.22	Dudley Av East	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	ELIZABETH CITY	20041018	0.57	Second Avenue	20041074	0.12	Looms Street	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	PLAINFIELD CITY	20121170	0.27	Netherwood Avenue	20121150	0.67	East Third Street	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	SUMMIT CITY	20000657	0.37	Summit Avenue	20181263	0.00	Euclid Avenue	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	ELIZABETH CITY	20041059	0.16	Henry Street	20041100	0.21	Florida Street	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	CLARK TWP	20021168	0.00	Tudor Drive	200006062	0.40	Featherbed Lane	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	HILLSIDE TWP	20071109	0.04	Chapman Street	20071114	0.09	Cornell Place	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	ELIZABETH CITY	20000612	2.18	Jersey Avenue	20041300	0.08	Bellevue Street	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	ELIZABETH CITY	20041423	0.37	Chilton Street	20041220	0.33	Sayre Street	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	ROSELLE BORO	20000625	0.17	Chestnut Street	20141215	0.77	East 7th Avenue	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	SUMMIT CITY	00000512	32.85	Broad Street	00000512_W	32.85	Broad Street	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	ELIZABETH CITY	20041430	0.45	Jefferson Avenue	20041137	0.11	Dickinson Street	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	UNION TWP	20000630	0.02	Vauxhall Road	20191145	0.00	Franklin Street	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	CRANFORD TWP	20000607	2.24	Raritan Road	20000632	0.69	Walnut Avenue	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	ELIZABETH CITY	20041421	0.17	West Jersey Street	20041427	0.00	Union Street	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	SUMMIT CITY	00000512	31.34	Broad Street	20181263	0.48	Maple Street	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	ELIZABETH CITY	20041420	0.27	Elizabeth Avenue	20041054	0.50	South Second Street	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	ELIZABETH CITY	20041418	0.40	Division Street	20041108	0.60	Bond Street	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	ELIZABETH CITY	20041417	0.27	Cherry Street	20041223	0.21	Elm Street	1	0	0	1	0	0	Municipal	16.68	1.58

New Jersey Network Screening Lists, 2019

Union - Pedestrian Intersection List (2012-2016 Crashes)

Developed by GPI, Jacobs, and MBO Engineering for the New Jersey Department of Transportation (NJDOT)

Submitted: Wednesday, May 1, 2019

Printed: Friday, May 31, 2019

Crash Filtering Criteria

Crash	Year	IN [2012, 2013, 2014,2015,2016]	Years 2012, 2013, 2014, 2015, 2016
	County	IN [2,7,9,10,12,13,14,15,16,18,19,20,21]	2 - Bergen; 7 - Essex; 9 - Hudson; 10 - Hunterdon; 12 - Middlesex; 13 - Monmouth; 14 - Morris; 15 - Ocean; 16 - Passaic; 18 - Somerset; 19 - Sussex; 20 - Union; 21 - Warren
	Road_Sys_Code	IN [5,6,7,8]	5 - County; 6 - County Authority; 7 - Municipal; 8 - Mun Authority
	Intersection	IN [1]	1 - At Intersection
Pedestrian	Crash_Type	IN [13]	13 - Pedestrian
	Total_Peds_Involved	>0	At least one pedestrian/bicyclist involved
	Is_Bicyclist	NOT IN [Y]	At least one pedestrian involved is not a bicyclist

Equivalent Property Damage Only (ePDO) Score Weights

Crash Severity	KABCO Scale	2016 Dollars	ePDO Value (K=A)	eC Value (K=A)
Fatal	K	\$11,295,400	55.0420	5.2150
Incapacitating	A	\$655,000	55.0420	5.2150
Non-incapacitating	B	\$198,500	16.6807	1.5804
Possible Injury	C	\$125,600	10.5546	1.0000
Property Damage Only	PDO	\$11,900	1.0000	-

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

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

County Rank	Rank (Weighted Score)	MPO	County	Town	Major Route			Minor Route			Crashes by Severity (2012-2016)						Roadway System	Weighted Score (ePDO)	Weighted Score (eC)
					SRI	Milepost	Route Name	SRI	MP	Route Name	Total Crashes	K	A	B	C	No Injury			
85	1,161	NJTPA	UNION	UNION TWP	20000633	0.99	Burnet Avenue	20191219	0.66	Allen Avenue	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	UNION TWP	20000630	2.10	Vauxhall Road	20191060	0.13	Kirkman Place	1	0	0	1	0	0	County	16.68	1.58
85	1,161	NJTPA	UNION	HILLSIDE TWP	20000630	4.51	Conant Street	20071046	0.00	Hollywood Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
85	1,161	NJTPA	UNION	HILLSIDE TWP	20000631	0.28	Bloy Street	20071107	0.08	Bloy Street	1	0	0	1	0	0	County	16.68	1.58
151	1,848	NJTPA	UNION	PLAINFIELD CITY	20161304	1.53	Leland Avenue	20051095	1.26	George Street	3	0	0	0	1	2	Municipal	12.55	1.00
152	1,865	NJTPA	UNION	PLAINFIELD CITY	20000601	1.65	West 7th Avenue	20121208	0.20	Cleveland Avenue	2	0	0	0	1	1	County	11.55	1.00
152	1,865	NJTPA	UNION	RAHWAY CITY	00000514	38.42	Lawrence Avenue	20000608	0.98	East Milton Avenue	2	0	0	0	1	1	County	11.55	1.00
152	1,865	NJTPA	UNION	SUMMIT CITY	20181256	1.13	Springfield Avenue	20181020	1.41	Woodland Avenue	2	0	0	0	1	1	Municipal	11.55	1.00
152	1,865	NJTPA	UNION	RAHWAY CITY	20131251	0.15	Irving Street	20131014	0.12	West Main Street	2	0	0	0	1	1	Municipal	11.55	1.00
152	1,865	NJTPA	UNION	ELIZABETH CITY	20000623	1.01	South Broad Street	20041420	1.88	Elizabeth Avenue	2	0	0	0	1	1	County	11.55	1.00
152	1,865	NJTPA	UNION	RAHWAY CITY	20131031	0.26	Washington Street	20131025	0.00	Montgomery Street	2	0	0	0	1	1	Municipal	11.55	1.00
152	1,865	NJTPA	UNION	RAHWAY CITY	20000613	5.75	Westfield Avenue	20131240	1.52	Jefferson Avenue	2	0	0	0	1	1	Municipal	11.55	1.00
159	2,014	NJTPA	UNION	RAHWAY CITY	120006021	6.21	Inman Avenue	20000602	0.00	West Inman Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041756	0.07	7th Street	20041021	0.03	Marshal Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041429	0.73	Madison Avenue	20041097	0.66	Anna Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041422	1.29	South 5th Street	20041021	0.35	Marshal Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041422	0.48	Summer Street	20041361	0.35	Clarkson Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	HILLSIDE TWP	20071053	0.31	Long Avenue	20071081	0.00	Bright Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	HILLSIDE TWP	20071186	0.39	Leslie Street	20071141	0.22	Winans Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	HILLSIDE TWP	20071185	0.08	Sweetland Avenue	20071123	0.58	Ramsey Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	HILLSIDE TWP	20071077	0.17	Acme Place	20071082	0.04	Third Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041421	1.55	East Jersey Street	20041422	1.44	South 5th Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041421	0.98	East Jersey Street	20041087	0.14	Smith Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041420	1.30	Elizabeth Avenue	20041088	0.37	Jaques Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041420	1.25	Elizabeth Avenue	20041087	0.00	Smith Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041416	0.17	Prince Street	20071411	0.65	Union Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041421	0.50	East Jersey Street	20041429	1.17	Madison Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041421	0.39	East Jersey Street	20041430	0.33	Jefferson Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041421	0.12	West Jersey Street	20041149	0.00	Price Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041420	1.79	Elizabeth Avenue	20041430	0.51	Jefferson Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041420	1.67	Elizabeth Avenue	20041420	1.68	Elizabeth Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20121302	0.33	Berckman Avenue	20121150	1.12	East Third Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	00000531	7.13	Park Avenue	20121034	0.45	South End Parkway	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20121299	0.46	Clinton Avenue	20121213	1.25	West Third Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20121297	0.14	Rock Avenue	20121200	1.00	Myrtle Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20121331	3.33	East Second Street	20121165	0.30	Johnston Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20121331	2.11	West Second Street	20121211	0.14	Madison Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20121331	1.46	South Second Street	20121214	0.07	Muhleberg Place	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20121296	0.73	Grant Avenue	20121300	0.86	West 4th Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20121295	1.80	Watchung Avenue	20121331	2.38	East Second Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	LINDEN CITY	20091115	0.17	Ainsworth Street	20091107	0.12	Gesner Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	LINDEN CITY	20091077	0.79	East Henry Street	20091089	0.40	Washington Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	LINDEN CITY	20091029	0.11	Dill Avenue	20091017	0.15	Hagel Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	LINDEN CITY	20091008	0.13	Mc Candeless Street	20041334	1.00	Grier Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20121295	1.74	Watchung Avenue	20121151	0.14	North Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20121294	0.12	West 8th Street	20121078	0.11	1st Place	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20121293	0.60	Central Avenue	20121194	0.39	Stelle Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	LINDEN CITY	20091287	0.45	South Stiles Street	20091152	0.30	East 9th Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20121040	0.10	Arlington Avenue	00000028_W	15.10	West Fourth Street	1	0	0	0	1	0	Municipal	10.55	1.00

New Jersey Network Screening Lists, 2019

Union - Pedestrian Intersection List (2012-2016 Crashes)

Developed by GPI, Jacobs, and MBO Engineering for the New Jersey Department of Transportation (NJDOT)

Submitted: Wednesday, May 1, 2019

Printed: Friday, May 31, 2019

Crash Filtering Criteria

Crash	Year	IN [2012, 2013, 2014, 2015, 2016]	Years 2012, 2013, 2014, 2015, 2016
	County	IN [2, 7, 9, 10, 12, 13, 14, 15, 16, 18, 19, 20, 21]	2 - Bergen; 7 - Essex; 9 - Hudson; 10 - Hunterdon; 12 - Middlesex; 13 - Monmouth; 14 - Morris; 15 - Ocean; 16 - Passaic; 18 - Somerset; 19 - Sussex; 20 - Union; 21 - Warren
	Road_Sys_Code	IN [5, 6, 7, 8]	5 - County; 6 - County Authority; 7 - Municipal; 8 - Mun Authority
	Intersection	IN [1]	1 - At Intersection
Pedestrian	Crash_Type	IN [13]	13 - Pedestrian
	Total_Peds_Involved	>0	At least one pedestrian/bicyclist involved
	Is_Bicyclist	NOT IN [Y]	At least one pedestrian involved is not a bicyclist

Equivalent Property Damage Only (ePDO) Score Weights

Crash Severity	KABCO Scale	2016 Dollars	ePDO Value (K=A)	eC Value (K=A)
Fatal	K	\$11,295,400	55.0420	5.2150
Incapacitating	A	\$655,000	55.0420	5.2150
Non-incapacitating	B	\$198,500	16.6807	1.5804
Possible Injury	C	\$125,600	10.5546	1.0000
Property Damage Only	PDO	\$11,900	1.0000	-

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

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

County Rank	Rank (Weighted Score)	MPO	County	Town	Major Route			Minor Route			Crashes by Severity (2012-2016)						Roadway System	Weighted Score (ePDO)	Weighted Score (eC)
					SRI	Milepost	Route Name	SRI	MP	Route Name	Total Crashes	K	A	B	C	No Injury			
159	2,014	NJTPA	UNION	NEW PROVIDENCE BORO	20111048	0.00	Oxbow Drive	20111040	0.41	Runnymede Parkway	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	NEW PROVIDENCE BORO	20000647	2.05	Passaic Street	00000512	28.57	Springfield Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	NEW PROVIDENCE BORO	20000647	1.44	South Street	20111001	1.44	Central Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	UNION TWP	20000637	0.70	Liberty Avenue	20191226	0.00	Hickory Road	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	SUMMIT CITY	20000651	0.16	Morris Avenue	20181269	1.38	Kent Place Boulevard	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	SUMMIT CITY	20000651	0.60	Morris Avenue	20181208	0.34	Beverly Road	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	SUMMIT CITY	20000657	0.14	Summit Avenue	20181021	0.00	Bank Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	SUMMIT CITY	20000657	0.00	Summit Avenue	00000512	31.49	Broad Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	SCOTCH PLAINS TWP	20000655	4.64	Park Avenue	20000634	0.41	Mountain Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	SPRINGFIELD TWP	20000635	1.67	Mountain Avenue	20000644	0.25	South Springfield Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	HILLSIDE TWP	20000630	4.44	Conant Street	20071181	0.00	Central Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	HILLSIDE TWP	20000630	4.01	Conant Street	00000509	7.27	Liberty Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	UNION TWP	20000630	2.85	Vauxhall Road	20191333	0.00	Sayre Road	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	SPRINGFIELD TWP	20000635	1.47	Mountain Avenue	20000636	1.46	Shunpike Road	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	SPRINGFIELD TWP	20000635	0.57	Mountain Avenue	20000659	0.67	Hillside Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	HILLSIDE TWP	20000631	0.42	Bloy Street	20071108	0.00	Leo Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	BERKELEY HEIGHTS TWP	20000663	2.13	Plainfield Avenue	20000663	2.12	Plainfield Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041054	0.90	South Second Street	20041064	0.25	Court Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041028	0.04	Broadway	20041029	0.00	Broadway	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041054	0.99	South Second Street	20041765	0.16	Bond Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041097	0.57	Anna Street	20041113	0.16	Jackson Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	CRANFORD TWP	20031367	0.26	Orange Avenue	20031038	0.00	Maple Place	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041361	0.11	Clarkson Avenue	20041343	0.06	Fillmore Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	200413862	1.88	Trumbull Street	20041754	0.00	Veterans Memorial Drive	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	200413862	0.17	East Grand Street	20041430	0.17	Jefferson Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	LINDEN CITY	20041334	1.04	Grier Avenue	20000616	0.93	Park Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041101	0.12	Adams Avenue	20041098	0.48	Mary Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041252	0.44	Springfield Road	20041250	0.27	Bailey Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	UNION TWP	20041230	0.75	Vivian Road	20191485	0.30	Monmouth Road	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041167	0.60	Cross Avenue	20041177	0.06	Durant Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041104	0.25	Louisa Street	20041107	0.64	Monroe Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20041018	0.27	Second Avenue	20041080	0.28	John Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	CLARK TWP	20021003	0.07	Crestwood Lane	20091259	0.22	Forest Drive	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	CLARK TWP	20021101	0.07	Dawn Drive	20021102	0.00	Sheffield Way	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	BERKELEY HEIGHTS TWP	20011028	1.07	Snyder Avenue	20011073	0.00	Ferndale Road	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	CRANFORD TWP	20031089	0.72	Orchard Street	20201144	1.27	Brookside Place	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	CRANFORD TWP	20031365	0.37	Lincoln Avenue East	20031137	0.00	Denman Road	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	CRANFORD TWP	20031258	0.73	Commerce Drive	20031361	0.58	Myrtle Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	CRANFORD TWP	20031187	0.07	Chestnut Street	20031376	0.24	High Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	CLARK TWP	20021269	0.36	Valley Road	20021036	0.00	Schmidt Lane	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	CRANFORD TWP	20031077	0.00	Lafayette Place	20201144	1.65	Willow Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	UNION TWP	20191587	0.25	Oakland Avenue	20191011	0.22	Oakwood Parkway	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	UNION TWP	20191587	0.18	Oakland Avenue	20191002	0.37	Gregory Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	WESTFIELD TOWN	20201330	1.46	Rahway Avenue	20201187	0.19	Shackamaxon Drive	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	SUMMIT CITY	20181269	0.85	Kent Place Boulevard	20181017	0.00	Madison Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	SUMMIT CITY	20181267	0.07	Beechwood Road	20181256	0.98	Springfield Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	SUMMIT CITY	20181264	0.12	Deforest Avenue	20181020	1.34	Woodland Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	UNION TWP	20191232	0.00	Dykes Ter	20191244	0.21	Spruce Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	UNION TWP	20191120	0.17	Russell Street	20191122	0.16	Hilton Avenue	1	0	0	0	1	0	Municipal	10.55	1.00

New Jersey Network Screening Lists, 2019

Union - Pedestrian Intersection List (2012-2016 Crashes)

Developed by GPI, Jacobs, and MBO Engineering for the New Jersey Department of Transportation (NJDOT)

Submitted: Wednesday, May 1, 2019

Printed: Friday, May 31, 2019

Crash Filtering Criteria

Crash	Year	IN [2012, 2013, 2014,2015,2016]	Years 2012, 2013, 2014, 2015, 2016
	County	IN [2,7,9,10,12,13,14,15,16,18,19,20,21]	2 - Bergen; 7 - Essex; 9 - Hudson; 10 - Hunterdon; 12 - Middlesex; 13 - Monmouth; 14 - Morris; 15 - Ocean; 16 - Passaic; 18 - Somerset; 19 - Sussex; 20 - Union; 21 - Warren
	Road_Sys_Code	IN [5,6,7,8]	5 - County; 6 - County Authority; 7 - Municipal; 8 - Mun Authority
	AND Intersection	IN [1]	1 - At Intersection
	Crash_Type	IN [13]	13 - Pedestrian
Pedestrian	Total_Peds_Involved	>0	At least one pedestrian/bicyclist involved
	Is_Bicyclist	NOT IN [Y]	At least one pedestrian involved is not a bicyclist

Equivalent Property Damage Only (ePDO) Score Weights

Crash Severity	KABCO Scale	2016 Dollars	ePDO Value (K=A)	eC Value (K=A)
Fatal	K	\$11,295,400	55.0420	5.2150
Incapacitating	A	\$655,000	55.0420	5.2150
Non-incapacitating	B	\$198,500	16.6807	1.5804
Possible Injury	C	\$125,600	10.5546	1.0000
Property Damage Only	PDO	\$11,900	1.0000	-

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

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

County Rank	Rank (Weighted Score)	MPO	County	Town	Major Route			Minor Route			Crashes by Severity (2012-2016)						Roadway System	Weighted Score (ePDO)	Weighted Score (eC)
					SRI	Milepost	Route Name	SRI	MP	Route Name	Total Crashes	K	A	B	C	No Injury			
159	2,014	NJTPA	UNION	UNION TWP	20191100	0.25	Stanley Ter	20191091	0.22	Andrew St North	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	RAHWAY CITY	00000027	29.60	St Georges Avenue	20131078	0.52	Audrey Drive	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	00000028	13.25	West Front Street	20121299	0.26	Clinton Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	00000028	14.43	Plainfield Avenue	20121331	1.71	West Second Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	00000028	14.52	Plainfield Avenue	20121213	0.15	West Third Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	00000028	15.10	West Fifth Street	20121040	0.17	Arlington Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	FANWOOD BORO	00000028	17.12	South Avenue	20000611	2.66	Terrill Road	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	00000439	1.88	South Elmora Avenue	20000610	9.15	West Grand Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	UNION TWP	00000082	1.34	Morris Avenue	20191280	0.06	Apgar Court	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	00000439	1.80	South Elmora Avenue	20041292	0.38	Pennington Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	WESTFIELD TOWN	00000028	19.72	North Avenue	00000509	0.00	East Broad Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20121331	3.72	East Second Street	20121175	0.33	Sumner Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	RAHWAY CITY	20131240	1.43	Jefferson Avenue	20131112	0.69	Hamilton Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	RAHWAY CITY	20131243	0.64	Madison Avenue	20131116	0.00	Stone Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	WESTFIELD TOWN	20121331	6.87	Brightwood Avenue	20201086	0.13	Clark Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	RAHWAY CITY	20131103	0.08	Church Street	20131106	0.24	Seminary Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	SUMMIT CITY	00000512	31.94	Broad Street	20181029	0.04	Ashwood Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	HILLSIDE TWP	00000509	8.48	Chestnut Avenue	20000631	0.88	Hillside Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	HILLSIDE TWP	00000509	8.29	Hillside Avenue	20071136	0.00	Hiawatha Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	HILLSIDE TWP	00000509	7.73	Liberty Avenue	20071090	0.00	Herbert Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	SUMMIT CITY	20181198	0.00	Hawthorne Place	20181020	1.19	Woodland Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	SUMMIT CITY	20181263	0.29	Maple Street	20181264	0.20	Deforest Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	SUMMIT CITY	20181259	0.31	Summit Avenue	20181027	0.00	Walnut Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	SUMMIT CITY	20181258	0.35	Tulip Street	20181254	0.26	Ashland Road	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	UNION TWP	00000509	7.04	Salem Road	20191466	0.00	Alden Ter	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	RAHWAY CITY	20131251	0.09	Irving Street	20131106	0.49	Seminary Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	WESTFIELD TOWN	00000509	0.76	East Broad Street	20201029	0.00	North Chestnut Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	KENILWORTH BORO	00000509	4.13	Boulevard	20081010	0.00	South 24th Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	UNION TWP	00000509	6.76	Salem Road	20191403	0.21	Beverly Road	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	SUMMIT CITY	20181021	0.07	Bank Street	20181267	0.04	Beechwood Road	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	SCOTCH PLAINS TWP	20161116	0.00	Cedar Street	20161112	0.11	Evergreen Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	SCOTCH PLAINS TWP	20161298	0.93	Westfield Road	20161113	0.00	Westfield Rd Cir	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	SCOTCH PLAINS TWP	20161298	0.86	Westfield Road	20161112	0.36	Evergreen Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	UNION TWP	20000630	1.47	Vauxhall Road	20191591	0.56	Commerce Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	CRANFORD TWP	20000615	4.40	Springfield Avenue	20031367	0.00	Orange Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	RAHWAY CITY	20000613	6.41	West Grand Avenue	20131251	0.00	Irving Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	CLARK TWP	20000613	5.18	Westfield Avenue	20021072	0.47	Liberty Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	LINDEN CITY	20000617	2.07	South Wood Avenue	20091098	0.33	East Price Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ROSELLE BORO	20000617	4.47	Amsterdam Avenue	20000612	0.00	West 3rd Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	LINDEN CITY	20000617	2.47	South Wood Avenue	20091075	0.66	West Curtis Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ROSELLE BORO	20000617	3.48	North Wood Avenue	20000607	4.02	Raritan Road	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	LINDEN CITY	20000617	1.28	South Wood Avenue	20091164	0.10	West 12th Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	LINDEN CITY	20000617	1.85	South Wood Avenue	20091289	1.64	East Linden Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	RAHWAY CITY	20000608	0.53	West Milton Avenue	20131257	0.00	Broad Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	RAHWAY CITY	20000608	0.12	West Milton Avenue	20131017	0.50	West Emerson Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	LINDEN CITY	20000607	3.84	Raritan Road	20091204	0.70	Pallant Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	CLARK TWP	20000606	3.86	Westfield Avenue	20021153	0.22	Kenneth Place	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	CLARK TWP	20000606	3.76	Westfield Avenue	20000607	1.30	Raritan Road	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	CRANFORD TWP	20000610	5.00	South Avenue	20031365	0.00	Lincoln Avenue	1	0	0	0	1	0	County	10.55	1.00

New Jersey Network Screening Lists, 2019

Union - Pedestrian Intersection List (2012-2016 Crashes)

Developed by GPI, Jacobs, and MBO Engineering for the New Jersey Department of Transportation (NJDOT)

Submitted: Wednesday, May 1, 2019

Printed: Friday, May 31, 2019

Crash Filtering Criteria

Crash	Year	IN [2012, 2013, 2014,2015,2016]	Years 2012, 2013, 2014, 2015, 2016
	County	IN [2,7,9,10,12,13,14,15,16,18,19,20,21]	2 - Bergen; 7 - Essex; 9 - Hudson; 10 - Hunterdon; 12 - Middlesex; 13 - Monmouth; 14 - Morris; 15 - Ocean; 16 - Passaic; 18 - Somerset; 19 - Sussex; 20 - Union; 21 - Warren
	Road_Sys_Code	IN [5,6,7,8]	5 - County; 6 - County Authority; 7 - Municipal; 8 - Mun Authority
	Intersection	IN [1]	1 - At Intersection
	Crash_Type	IN [13]	13 - Pedestrian
Pedestrian	Total_Peds_Involved	>0	At least one pedestrian/bicyclist involved
	Is_Bicyclist	NOT IN [Y]	At least one pedestrian involved is not a bicyclist

Equivalent Property Damage Only (ePDO) Score Weights

Crash Severity	KABCO Scale	2016 Dollars	ePDO Value (K=A)	eC Value (K=A)
Fatal	K	\$11,295,400	55.0420	5.2150
Incapacitating	A	\$655,000	55.0420	5.2150
Non-incapacitating	B	\$198,500	16.6807	1.5804
Possible Injury	C	\$125,600	10.5546	1.0000
Property Damage Only	PDO	\$11,900	1.0000	-

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

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

County Rank	Rank (Weighted Score)	MPO	County	Town	Major Route			Minor Route			Crashes by Severity (2012-2016)						Roadway System	Weighted Score (ePDO)	Weighted Score (eC)
					SRI	Milepost	Route Name	SRI	MP	Route Name	Total Crashes	K	A	B	C	No Injury			
159	2,014	NJTPA	UNION	GARWOOD BORO	20000610	4.27	South Avenue	20201332	0.82	Center Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	WESTFIELD TOWN	20000610	3.43	South Avenue	20201210	0.00	Sussex Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20000601	0.60	West 7th Avenue	20121296	0.52	Grant Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20000601	1.03	West 7th Avenue	20000603	0.78	Plainfield Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20000601	1.34	West 7th Avenue	20121293	0.96	Central Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ROSELLE BORO	20000612	0.93	East 3rd Avenue	20151219	0.28	Walnut Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ROSELLE BORO	20000612	0.76	East 3rd Avenue	20000625	0.52	Chestnut Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	WESTFIELD TOWN	20000613	1.71	Central Avenue	20201123	0.04	Lenox Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20000612	2.76	West Jersey Street	20041247	0.35	Dehart Place	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ROSELLE BORO	20000610	8.36	East 1st Avenue	20000616	3.42	Linden Road	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ROSELLE BORO	20000610	7.56	West 1st Avenue	20000625	0.69	Chestnut Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ROSELLE BORO	20000610	6.79	West 1st Avenue	20000617	4.64	Amsterdam Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	HILLSIDE TWP	20000623	2.84	North Broad Street	20071022	0.00	Beechwood Place	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20000620	0.81	East Front Street	20121158	0.17	Roosevelt Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	PLAINFIELD CITY	20000620	1.44	East Front Street	20121173	0.00	Farragut Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20000623	2.92	North Broad Street	20041167	0.00	Lower Road	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20000623	0.71	South Broad Street	20041423	1.38	South Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	RAHWAY CITY	20000621	0.80	East Hazelwood Avenue	20131192	0.00	Main Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	RAHWAY CITY	20000621	1.34	East Hazelwood Avenue	20131027	0.18	Stockton Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20000623	2.82	North Broad Street	20041163	0.00	Concord Place	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20000629	0.29	Morris Avenue	20041223	0.35	Elm Street	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	HILLSIDE TWP	20000628	0.33	Hillside Avenue	20071188	0.51	Maple Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	HILLSIDE TWP	20000628	0.07	Hillside Avenue	20071145	0.00	Highland Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ROSELLE BORO	20000619	1.10	Chestnut Street	20141044	0.00	Dennis Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	UNION TWP	20000619	5.27	Stuyvesant Avenue	20191058	0.00	High Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ROSELLE PARK BORO	20000617	5.13	Faitoute Avenue	20151220	0.05	West Webster Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20000618	2.34	Orchard Street	20041423	0.28	Chilton Street	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ELIZABETH CITY	20000624	0.66	North Avenue	0000001ES	45.44	Herbert Highway	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	UNION TWP	20000619	3.16	Tucker Avenue	20191433	0.18	Sinclair Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ROSELLE BORO	20000625	0.61	Chestnut Street	20041292	1.96	West 2nd Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ROSELLE PARK BORO	20000619	2.55	Locust Street	20151024	0.87	West Clay Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
159	2,014	NJTPA	UNION	ROSELLE PARK BORO	20000627	0.07	Chestnut Street	20151041	0.00	Warren Avenue	1	0	0	0	1	0	County	10.55	1.00
159	2,014	NJTPA	UNION	ROSELLE BORO	20000625	0.43	Chestnut Street	20141061	0.72	West 4th Avenue	1	0	0	0	1	0	County	10.55	1.00
327	3,712	NJTPA	UNION	SUMMIT CITY	00000527	68.71	Morris Avenue	20181270	0.56	Ashwood Avenue	2	0	0	0	0	2	County	2.00	0.00
328	3,748	NJTPA	UNION	PLAINFIELD CITY	20000611	2.56	Terrill Road	20000601	3.50	Lagrande Avenue	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	UNION TWP	20000633	1.96	Burnet Avenue	20191105	0.00	Laurel Avenue	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	PLAINFIELD CITY	20000601	2.69	East 7th Avenue	20121305	1.89	Woodland Avenue	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	RAHWAY CITY	20131246	0.11	Linden Avenue	20131288	0.38	Whittier Street	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	ELIZABETH CITY	20000624	0.30	North Avenue	20041429	0.00	Madison Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	HILLSIDE TWP	20071085	0.10	Valley View Road	20071086	0.00	Warwick Road	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	ROSELLE PARK BORO	20000617	4.87	Faitoute Avenue	20151081	1.56	West Clay Avenue	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	LINDEN CITY	20000617	2.31	South Wood Avenue	20091093	0.58	East Elm Street	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	LINDEN CITY	20000619	0.49	Roselle Street	20091075	1.13	West Curtis Street	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	LINDEN CITY	20091001	0.27	Bedle Place	20091009	0.37	Bedle Place	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	ROSELLE BORO	20000619	2.09	Locust Street	20041292	2.12	West 2nd Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	ROSELLE PARK BORO	20000627	0.10	Chestnut Street	20151040	0.00	Charles Street	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	ELIZABETH CITY	20000658	0.09	Jefferson Avenue	20041097	0.72	Anna Street	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	PLAINFIELD CITY	20000620	1.70	East Front Street	20121166	0.00	Garfield Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	ELIZABETH CITY	20041224	0.11	Stiles Street	20041417	0.34	Cherry Street	1	0	0	0	0	1	Municipal	1.00	0.00

New Jersey Network Screening Lists, 2019

Union - Pedestrian Intersection List (2012-2016 Crashes)

Developed by GPI, Jacobs, and MBO Engineering for the New Jersey Department of Transportation (NJDOT)

Submitted: Wednesday, May 1, 2019

Printed: Friday, May 31, 2019

Crash Filtering Criteria

Crash	Year	IN [2012, 2013, 2014, 2015, 2016]	Years 2012, 2013, 2014, 2015, 2016
	County	IN [2, 7, 9, 10, 12, 13, 14, 15, 16, 18, 19, 20, 21]	2 - Bergen; 7 - Essex; 9 - Hudson; 10 - Hunterdon; 12 - Middlesex; 13 - Monmouth; 14 - Morris; 15 - Ocean; 16 - Passaic; 18 - Somerset; 19 - Sussex; 20 - Union; 21 - Warren
	Road_Sys_Code	IN [5, 6, 7, 8]	5 - County; 6 - County Authority; 7 - Municipal; 8 - Mun Authority
	Intersection	IN [1]	1 - At Intersection
	Crash_Type	IN [13]	13 - Pedestrian
Pedestrian	Total_Peds_Involved	>0	At least one pedestrian/bicyclist involved
	Is_Bicyclist	NOT IN [Y]	At least one pedestrian involved is not a bicyclist

Equivalent Property Damage Only (ePDO) Score Weights

Crash Severity	KABCO Scale	2016 Dollars	ePDO Value (K=A)	eC Value (K=A)
Fatal	K	\$11,295,400	55.0420	5.2150
Incapacitating	A	\$655,000	55.0420	5.2150
Non-incapacitating	B	\$198,500	16.6807	1.5804
Possible Injury	C	\$125,600	10.5546	1.0000
Property Damage Only	PDO	\$11,900	1.0000	-

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

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

County Rank	Rank (Weighted Score)	MPO	County	Town	Major Route			Minor Route			Crashes by Severity (2012-2016)						Roadway System	Weighted Score (ePDO)	Weighted Score (eC)
					SRI	Milepost	Route Name	SRI	MP	Route Name	Total Crashes	K	A	B	C	No Injury			
328	3,748	NJTPA	UNION	PLAINFIELD CITY	20000620	2.07	East Front Street	20121176	0.00	Hillcrest Avenue	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	SUMMIT CITY	20181256	1.19	Springfield Avenue	20181269	1.64	Kent Place Boulevard	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	SUMMIT CITY	20181263	0.36	Maple Street	20181256	1.05	Springfield Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	ELIZABETH CITY	20041052	0.06	Port Avenue	20041044	0.61	Third Street	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	ELIZABETH CITY	200413862	0.43	East Grand Street	20041132	0.33	Catherine Street	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	BERKELEY HEIGHTS TWP	20000663	2.37	Plainfield Avenue	20011228	0.20	Sherman Avenue	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	PLAINFIELD CITY	20000611	3.42	Terrill Road	20121192	0.00	Edwin Place	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	ELIZABETH CITY	200413861	0.12	West Grand Street	20041149	0.09	Price Street	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	ELIZABETH CITY	200413971	0.41	Fairmount Avenue	20041429	0.35	Madison Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	ELIZABETH CITY	20041421	0.20	West Jersey Street	20041330	0.00	Elizabeth Town Plz	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	SPRINGFIELD TWP	20000635	1.82	Mountain Avenue	20171095	0.00	Clinton Avenue	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	CLARK TWP	20000604	1.54	Madison Hill Road	20021083	0.00	Adams Street	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	CRANFORD TWP	20000615	4.68	Springfield Avenue	20031082	0.10	West End Place	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	SPRINGFIELD TWP	20000635	1.92	Mountain Avenue	20171183	0.00	Caldwell Place	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	ROSELLE BORO	20141064	0.22	East 5th Avenue	20141085	0.35	Harrison Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	RAHWAY CITY	20000608	0.36	West Milton Avenue	20131244	0.00	Jaques Avenue	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	SPRINGFIELD TWP	20000635	2.06	Mountain Avenue	20171107	0.00	North Trivett Avenue	1	0	0	0	0	1	un Auth, Park or In	1.00	0.00
328	3,748	NJTPA	UNION	CRANFORD TWP	20000615	3.54	Centennial Avenue	200313632	0.27	Lincoln Avenue East	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	ELIZABETH CITY	00000001	44.59	Herbert Highway	20041144	0.00	Praise The Lord Place	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	SUMMIT CITY	00000512	30.96	Springfield Avenue	20181262	0.29	New England Avenue	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	LINDEN CITY	00000514	41.70	Elizabeth Avenue	20091041	0.62	East Baltimore Avenue	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	ELIZABETH CITY	00000272	33.79	Chilton Avenue	20000610	9.70	West Grand Street	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	PLAINFIELD CITY	00000028	12.72	West Front Street	20121297	0.00	Rock Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
328	3,748	NJTPA	UNION	PLAINFIELD CITY	00000028	14.66	West Fifth Street	20000603	0.93	Plainfield Avenue	1	0	0	0	0	1	County	1.00	0.00
328	3,748	NJTPA	UNION	HILLSIDE TWP	00000439	3.37	North Avenue	20041160	0.75	Westminster Avenue	1	0	0	0	0	1	County	1.00	0.00