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## New Jersey Network Screening Lists, 2019

### Union - Pedestrian/Bicycle 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

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	-

**Crash Filtering Criteria**

Crash	AND	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 [13,14]	13 - Pedestrian; 14 - Pedalcyclist
Pedestrian		Total_Peds_Involved	>0	At least one pedestrian/bicyclist involved

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

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

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	70	NJTPA	UNION	LINDEN CITY	20000615	0.65	North Stiles Street	20091290	0.00	West Blancke Street	3	0	1	1	1	0	County	82.28	7.80
1	70	NJTPA	UNION	WESTFIELD TOWN	20000610	2.45	North Avenue	20201116	0.09	Tuttle Parkway	3	1	0	1	1	0	County	82.28	7.80
1	70	NJTPA	UNION	ELIZABETH CITY	20041420	0.27	Elizabeth Avenue	20041054	0.50	South Second Street	3	1	0	1	1	0	Municipal	82.28	7.80
4	95	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
5	104	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
6	114	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
6	114	NJTPA	UNION	ELIZABETH CITY	20041416	0.65	Magnolia Avenue	20041429	0.83	Madison Avenue	2	1	0	1	0	0	Municipal	71.72	6.80
8	145	NJTPA	UNION	CRANFORD TWP	20031077	0.00	Lafayette Place	20201144	1.65	Willow Street	2	0	1	0	1	0	Municipal	65.60	6.22
8	145	NJTPA	UNION	CRANFORD TWP	20000615	5.41	Springfield Avenue	20031107	0.00	Pawnee Road	2	1	0	0	1	0	County	65.60	6.22
8	145	NJTPA	UNION	UNION TWP	20000630	0.63	Vauxhall Road	20191122	0.00	Hilton Avenue	2	1	0	0	1	0	County	65.60	6.22
8	145	NJTPA	UNION	BERKELEY HEIGHTS TWP	00000512	26.51	Springfield Avenue	20011028	1.32	Snyder Avenue	2	0	1	0	1	0	County	65.60	6.22
8	145	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
13	180	NJTPA	UNION	PLAINFIELD CITY	20000620	0.67	East Front Street	20121295	1.88	Watchung Avenue	8	0	0	0	6	2	County	65.33	6.00
14	201	NJTPA	UNION	PLAINFIELD CITY	00000028	15.19	West Fifth Street	00000531	8.41	Park Avenue	5	0	0	1	4	0	County	58.90	5.58
15	215	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
16	231	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
16	231	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
16	231	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
16	231	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
16	231	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
16	231	NJTPA	UNION	ELIZABETH CITY	20041015	0.94	Dowd Avenue	20041418	1.09	Division Street	1	1	0	0	0	0	Municipal	55.04	5.22
16	231	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
16	231	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
16	231	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
16	231	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
16	231	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
16	231	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
28	373	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
29	397	NJTPA	UNION	LINDEN CITY	20000617	1.99	South Wood Avenue	00000514	40.71	Elizabeth Avenue	7	0	0	1	3	3	County	51.34	4.58
30	412	NJTPA	UNION	SUMMIT CITY	20000622	6.60	Mountain Avenue	20181271	0.15	Morris Avenue	5	0	0	1	3	1	County	49.34	4.58
31	429	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
31	429	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
33	460	NJTPA	UNION	SUMMIT CITY	00000512	29.90	Springfield Avenue	20181255	1.00	Passaic Avenue	5	0	0	2	1	2	County	45.92	4.16
34	461	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
35	515	NJTPA	UNION	PLAINFIELD CITY	20000601	2.96	East 7th Avenue	20161304	1.17	Leland Avenue	4	0	0	0	4	0	County	42.22	4.00
36	560	NJTPA	UNION	CRANFORD TWP	20000615	4.46	Springfield Avenue	20031073	0.35	Central Avenue	3	0	0	1	2	0	County	37.79	3.58
36	560	NJTPA	UNION	WESTFIELD TOWN	20000610	3.16	South Avenue	20201147	2.12	Boulevard	3	0	0	1	2	0	County	37.79	3.58
36	560	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
36	560	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
36	560	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
36	560	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
36	560	NJTPA	UNION	ELIZABETH CITY	20041054	1.20	South Second Street	20041047	0.16	Inslee Place	3	0	0	1	2	0	Municipal	37.79	3.58
43	643	NJTPA	UNION	PLAINFIELD CITY	00000531	8.06	Park Avenue	20121077	0.24	9th Street	4	0	0	2	0	2	County	35.36	3.16
44	654	NJTPA	UNION	WESTFIELD TOWN	00000509	0.65	East Broad Street	20201053	0.20	Stanley Ovl	2	0	0	2	0	0	County	33.36	3.16
44	654	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
44	654	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
44	654	NJTPA	UNION	SUMMIT CITY	00000527	69.41	Springfield Avenue	20181141	0.00	Bryant Parkway	2	0	0	2	0	0	County	33.36	3.16
44	654	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
44	654	NJTPA	UNION	PLAINFIELD CITY	00000028	15.46	West Fifth Street	20121159	0.08	Roosevelt Avenue	2	0	0	2	0	0	County	33.36	3.16

# New Jersey Network Screening Lists, 2019

## Union - Pedestrian/Bicycle 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	AND	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 [13,14]		13 - Pedestrian; 14 - Pedalcyclist
Pedestrian		Total_Peds_Involved	>0		At least one pedestrian/bicyclist involved

### 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			
44	654	NJTPA	UNION	SPRINGFIELD TWP	20000636	1.67	Milltown Road	20000639	0.36	South Springfield Avenue	2	0	0	2	0	0	County	33.36	3.16
51	692	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
51	692	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
53	713	NJTPA	UNION	ROSELLE BORO	20000610	8.36	East 1st Avenue	20000616	3.42	Linden Road	3	0	0	0	3	0	County	31.66	3.00
53	713	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
53	713	NJTPA	UNION	PLAINFIELD CITY	00000028	15.34	West Fifth Street	20121295	1.59	Watchung Avenue	3	0	0	0	3	0	County	31.66	3.00
53	713	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
53	713	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
58	798	NJTPA	UNION	ELIZABETH CITY	20000623	1.31	Broad Street	200413862	0.00	East Grand Street	3	0	0	1	1	1	County	28.24	2.58
58	798	NJTPA	UNION	SUMMIT CITY	20181256	1.19	Springfield Avenue	20181269	1.64	Kent Place Boulevard	3	0	0	1	1	1	Municipal	28.24	2.58
60	836	NJTPA	UNION	ELIZABETH CITY	20000618	2.70	Orchard Street	20041416	0.00	Irvington Avenue	2	0	0	1	1	0	County	27.24	2.58
60	836	NJTPA	UNION	WESTFIELD TOWN	20000613	0.66	Mountain Avenue	20201029	0.68	North Chestnut Street	2	0	0	1	1	0	County	27.24	2.58
60	836	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
60	836	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
60	836	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
60	836	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
60	836	NJTPA	UNION	LINDEN CITY	20000615	1.08	North Stiles Street	20091076	0.00	Fuller Road	2	0	0	1	1	0	County	27.24	2.58
60	836	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
60	836	NJTPA	UNION	SCOTCH PLAINS TWP	20000655	4.45	Park Avenue	20000620	3.14	Front Street	2	0	0	1	1	0	County	27.24	2.58
60	836	NJTPA	UNION	SUMMIT CITY	20000657	0.08	Summit Avenue	20181266	0.00	Union Place	2	0	0	1	1	0	County	27.24	2.58
60	836	NJTPA	UNION	LINDEN CITY	20000617	3.48	North Wood Avenue	20000607	4.02	Raritan Road	2	0	0	1	1	0	County	27.24	2.58
60	836	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
60	836	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
60	836	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
60	836	NJTPA	UNION	PLAINFIELD CITY	00000028	15.04	West Fifth Street	20121211	0.35	Madison Avenue	2	0	0	1	1	0	County	27.24	2.58
60	836	NJTPA	UNION	ROSELLE PARK BORO	20000627	0.07	Chestnut Street	20151041	0.00	Warren Avenue	2	0	0	1	1	0	County	27.24	2.58
60	836	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
60	836	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
60	836	NJTPA	UNION	CRANFORD TWP	20000610	5.00	South Avenue	20031365	0.00	Lincoln Avenue	2	0	0	1	1	0	County	27.24	2.58
60	836	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
60	836	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
60	836	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
60	836	NJTPA	UNION	PLAINFIELD CITY	20121295	1.80	Watchung Avenue	20121331	2.38	East Second Street	2	0	0	1	1	0	Municipal	27.24	2.58
60	836	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
84	1,075	NJTPA	UNION	RAHWAY CITY	00000514	38.42	Lawrence Avenue	20000608	0.98	East Milton Avenue	3	0	0	2	1	1	County	22.11	2.00
85	1,131	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
85	1,131	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
85	1,131	NJTPA	UNION	ELIZABETH CITY	20000618	2.34	Orchard Street	20041423	0.28	Chilton Street	2	0	0	0	2	0	County	21.11	2.00
85	1,131	NJTPA	UNION	FANWOOD BORO	20000606	0.00	Hetfield Avenue	20000610	1.62	North Avenue	2	0	0	0	2	0	County	21.11	2.00
85	1,131	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
85	1,131	NJTPA	UNION	ELIZABETH CITY	20000623	1.38	Broad Street	20041157	0.11	Commerce Place	2	0	0	0	2	0	Municipal	21.11	2.00
85	1,131	NJTPA	UNION	ROSELLE BORO	20000612	0.93	East 3rd Avenue	20151219	0.28	Walnut Street	2	0	0	0	2	0	County	21.11	2.00
85	1,131	NJTPA	UNION	ELIZABETH CITY	00000439	1.88	South Elmora Avenue	20000610	9.15	West Grand Street	2	0	0	2	0	0	County	21.11	2.00
85	1,131	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
85	1,131	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
85	1,131	NJTPA	UNION	UNION TWP	20000619	5.27	Stuyvesant Avenue	20191058	0.00	High Street	2	0	0	0	2	0	Municipal	21.11	2.00
85	1,131	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
85	1,131	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
85	1,131	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
85	1,131	NJTPA	UNION	UNION TWP	20000630	1.47	Vauxhall Road	20191591	0.56	Commerce Avenue	2	0	0	0	2	0	County	21.11	2.00

# New Jersey Network Screening Lists, 2019

## Union - Pedestrian/Bicycle 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	AND	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, 14]		13 - Pedestrian; 14 - Pedalcyclist
Pedestrian		Total_Peds_Involved	>0		At least one pedestrian/bicyclist involved

### 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	1,131	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
85	1,131	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
85	1,131	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
85	1,131	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
85	1,131	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
85	1,131	NJTPA	UNION	PLAINFIELD CITY	00000028	14.52	Plainfield Avenue	20121213	0.15	West Third Street	2	0	0	0	2	0	County	21.11	2.00
85	1,131	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
85	1,131	NJTPA	UNION	ROSELLE BORO	20000610	7.56	West 1st Avenue	20000625	0.69	Chestnut Street	2	0	0	0	2	0	County	21.11	2.00
85	1,131	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
85	1,131	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
85	1,131	NJTPA	UNION	PLAINFIELD CITY	00000028	13.95	West Front Street	20121296	1.01	Grant Avenue	2	0	0	0	2	0	County	21.11	2.00
85	1,131	NJTPA	UNION	ELIZABETH CITY	20041420	1.67	Elizabeth Avenue	20041420	1.68	Elizabeth Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
85	1,131	NJTPA	UNION	ELIZABETH CITY	20041423	1.43	South Street	20041317	0.00	Williamson Street	2	0	0	0	2	0	Municipal	21.11	2.00
85	1,131	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
114	1,463	NJTPA	UNION	LINDEN CITY	20091001	0.27	Bedle Place	20091009	0.37	Bedle Place	2	0	0	1	0	1	County	17.68	1.58
114	1,463	NJTPA	UNION	ELIZABETH CITY	200413862	0.43	East Grand Street	20041132	0.33	Catherine Street	2	0	0	1	0	1	Municipal	17.68	1.58
114	1,463	NJTPA	UNION	WESTFIELD TOWN	20000610	2.19	North Avenue	20201063	1.02	Dudley Avenue	2	0	0	1	0	1	County	17.68	1.58
114	1,463	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
114	1,463	NJTPA	UNION	PLAINFIELD CITY	00000028	15.70	South Avenue	20121303	0.10	Norwood Avenue	2	0	0	1	0	1	County	17.68	1.58
114	1,463	NJTPA	UNION	PLAINFIELD CITY	00000028	16.58	South Avenue	20161304	1.27	Leland Avenue	2	0	0	1	0	1	Municipal	17.68	1.58
114	1,463	NJTPA	UNION	LINDEN CITY	20091379	0.88	Dewitt Ter	20091250	0.46	Academy Ter	2	0	0	1	0	1	Municipal	17.68	1.58
114	1,463	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
114	1,463	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
123	1,551	NJTPA	UNION	ROSELLE BORO	20000619	2.00	Locust Street	20000612	0.60	West 3rd Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	NJTPA	UNION	UNION TWP	20000619	3.90	Chestnut Street	20191377	0.00	Vassar Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
123	1,551	NJTPA	UNION	ROSELLE BORO	20000610	7.73	West 1st Avenue	20151219	0.11	Walnut Street	1	0	0	1	0	0	County	16.68	1.58
123	1,551	NJTPA	UNION	GARWOOD BORO	20000610	4.42	South Avenue	20061011	0.00	East Street	1	0	0	1	0	0	County	16.68	1.58
123	1,551	NJTPA	UNION	LINDEN CITY	20000616	1.31	Park Avenue	20000656	0.00	East Linden Avenue	1	0	0	1	0	0	County	16.68	1.58
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	NJTPA	UNION	WESTFIELD TOWN	20000613	1.90	Central Avenue	20000610	3.31	South Avenue	1	0	0	1	0	0	County	16.68	1.58
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	NJTPA	UNION	LINDEN CITY	20000617	1.91	South Wood Avenue	20091143	0.00	Penn Railroad Avenue	1	0	0	1	0	0	County	16.68	1.58
123	1,551	NJTPA	UNION	CRANFORD TWP	20000615	3.39	Centennial Avenue	20031192	0.58	North Lehigh Avenue	1	0	0	1	0	0	County	16.68	1.58
123	1,551	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
123	1,551	NJTPA	UNION	CRANFORD TWP	20000607	3.38	Raritan Road	20031258	0.00	Commerce Drive	1	0	0	1	0	0	County	16.68	1.58
123	1,551	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
123	1,551	NJTPA	UNION	CRANFORD TWP	20000607	2.29	Raritan Road	20031230	0.11	Colin Kelly Court	1	0	0	1	0	0	County	16.68	1.58
123	1,551	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
123	1,551	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
123	1,551	NJTPA	UNION	PLAINFIELD CITY	20121159	0.04	Roosevelt Avenue	20121149	0.81	East 6th Street	1	0	0	1	0	0	Municipal	16.68	1.58



# New Jersey Network Screening Lists, 2019

Union - Pedestrian/Bicycle 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	AND	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, 14]	13 - Pedestrian; 14 - Pedalcyclist
Pedestrian		Total_Peds_Involved	>0	At least one pedestrian/bicyclist involved

## 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			
123	1,551	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
123	1,551	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
123	1,551	NJTPA	UNION	PLAINFIELD CITY	00000531	8.48	Park Avenue	00000028_W	15.19	West Fourth Street	1	0	0	1	0	0	County	16.68	1.58
123	1,551	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
123	1,551	NJTPA	UNION	PLAINFIELD CITY	20121295	1.52	Watchung Avenue	20121294	0.00	West 8th Street	1	0	0	1	0	0	Municipal	16.68	1.58
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	NJTPA	UNION	ELIZABETH CITY	20041096	0.10	Fifth Street	20041033	0.40	Court Street	1	0	0	1	0	0	Municipal	16.68	1.58
123	1,551	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
123	1,551	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
123	1,551	NJTPA	UNION	HILLSIDE TWP	20071141	0.13	Winans Avenue	20071132	0.06	Schley Street	1	0	0	1	0	0	Municipal	16.68	1.58
123	1,551	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
123	1,551	NJTPA	UNION	ELIZABETH CITY	20041421	2.21	East Jersey Street	200413891	1.07	First Street	1	0	0	1	0	0	Municipal	16.68	1.58
123	1,551	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
123	1,551	NJTPA	UNION	UNION TWP	20191607	0.10	Ridgeway Street	20191098	0.12	Fern Ter	1	0	0	1	0	0	Municipal	16.68	1.58
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	NJTPA	UNION	MOUNTAINSIDE BORO	00000022	50.16	Blue Star Drive	20000645	0.49	New Providence Road	1	0	0	1	0	0	County	16.68	1.58
123	1,551	NJTPA	UNION	ELIZABETH CITY	00000027	33.10	Rahway Avenue	20041270	0.00	Clover Street	1	0	0	1	0	0	Municipal	16.68	1.58
123	1,551	NJTPA	UNION	ELIZABETH CITY	00000027	34.25	Westfield Avenue	20041427	0.24	Union Street	1	0	0	1	0	0	Municipal	16.68	1.58
123	1,551	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
123	1,551	NJTPA	UNION	SCOTCH PLAINS TWP	20121331	6.59	Plainfield Avenue	20161028	0.00	Morse Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
123	1,551	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
123	1,551	NJTPA	UNION	WESTFIELD TOWN	00000509	1.96	Springfield Avenue	00000509S	0.00	Springfield Avenue	1	0	0	1	0	0	County	16.68	1.58
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	NJTPA	UNION	NEW PROVIDENCE BORO	00000512	29.18	Springfield Avenue	20111030	0.55	Pine Way	1	0	0	1	0	0	County	16.68	1.58
123	1,551	NJTPA	UNION	RAHWAY CITY	20131243	0.38	Madison Avenue	20131219	0.00	Milton Boulevard	1	0	0	1	0	0	Municipal	16.68	1.58
123	1,551	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
123	1,551	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
123	1,551	NJTPA	UNION	SPRINGFIELD TWP	20171141	0.00	Far Hills Road	20171131	0.23	Tree Top Drive	1	0	0	1	0	0	Municipal	16.68	1.58
123	1,551	NJTPA	UNION	RAHWAY CITY	20131247	0.36	Main Street	20000608	0.69	West Milton Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
123	1,551	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
123	1,551	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
123	1,551	NJTPA	UNION	CRANFORD TWP	20031167	0.07	Livingston Avenue	20031180	0.17	Redford Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
123	1,551	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
123	1,551	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
123	1,551	NJTPA	UNION	SCOTCH PLAINS TWP	20000620	2.59	East Front Street	20161079	0.00	Valleycent	1	0	0	1	0	0	County	16.68	1.58
123	1,551	NJTPA	UNION	NEW PROVIDENCE BORO	20000622	4.36	Mountain Avenue	20111200	0.97	Maple Street	1	0	0	1	0	0	Municipal	16.68	1.58
123	1,551	NJTPA	UNION	CLARK TWP	20021168	0.00	Tudor Drive	20000606Z	0.40	Featherbed Lane	1	0	0	1	0	0	Municipal	16.68	1.58
123	1,551	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
123	1,551	NJTPA	UNION	SCOTCH PLAINS TWP	20000655	2.50	Martine Avenue	20161296	0.60	West Broad Street	1	0	0	1	0	0	County	16.68	1.58

# New Jersey Network Screening Lists, 2019

## Union - Pedestrian/Bicycle 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	AND	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, 14]		13 - Pedestrian; 14 - Pedalcyclist
Pedestrian		Total_Peds_Involved	>0		At least one pedestrian/bicyclist involved

### 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			
123	1,551	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
123	1,551	NJTPA	UNION	SUMMIT CITY	20000657	0.37	Summit Avenue	20181263	0.00	Eucilid Avenue	1	0	0	1	0	0	County	16.68	1.58
123	1,551	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
123	1,551	NJTPA	UNION	SUMMIT CITY	20000651	0.46	Morris Avenue	20181209	0.00	Bedford Road	1	0	0	1	0	0	County	16.68	1.58
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	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
123	1,551	NJTPA	UNION	UNION TWP	20000630	2.31	Vauxhall Road	20191509	0.00	Adams Avenue	1	0	0	1	0	0	County	16.68	1.58
213	2,573	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
213	2,573	NJTPA	UNION	ELIZABETH CITY	20000623	1.01	South Broad Street	20041420	1.88	Elizabeth Avenue	3	0	0	0	1	2	Municipal	12.55	1.00
215	2,613	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
215	2,613	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
215	2,613	NJTPA	UNION	SUMMIT CITY	00000512	31.67	Broad Street	20181027	0.21	Walnut Street	2	0	0	0	1	1	County	11.55	1.00
215	2,613	NJTPA	UNION	SPRINGFIELD TWP	20000635	1.82	Mountain Avenue	20171095	0.00	Clinton Avenue	2	0	0	0	1	1	County	11.55	1.00
215	2,613	NJTPA	UNION	WESTFIELD TOWN	00000509	0.76	East Broad Street	20201029	0.00	North Chestnut Street	2	0	0	0	1	1	County	11.55	1.00
215	2,613	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
215	2,613	NJTPA	UNION	LINDEN CITY	00000514	40.29	Elizabeth Avenue	20000615	0.59	South Stiles Street	2	0	0	0	1	1	County	11.55	1.00
215	2,613	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
215	2,613	NJTPA	UNION	LINDEN CITY	20000617	2.31	South Wood Avenue	20091093	0.58	East Elm Street	2	0	0	0	1	1	County	11.55	1.00
215	2,613	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
215	2,613	NJTPA	UNION	LINDEN CITY	20091029	0.11	Dill Avenue	20091017	0.15	Hagel Avenue	2	0	0	0	1	1	Municipal	11.55	1.00
215	2,613	NJTPA	UNION	PLAINFIELD CITY	20000620	0.81	East Front Street	20121158	0.17	Roosevelt Avenue	2	0	0	0	1	1	County	11.55	1.00
215	2,613	NJTPA	UNION	ELIZABETH CITY	20041420	1.45	Elizabeth Avenue	20041423	1.92	Spring Street	2	0	0	0	1	1	Municipal	11.55	1.00
215	2,613	NJTPA	UNION	CRANFORD TWP	20000615	4.40	Springfield Avenue	20031367	0.00	Orange Avenue	2	0	0	0	1	1	County	11.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	ELIZABETH CITY	20041420	0.43	Elizabeth Avenue	20041044	0.02	Third Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	NJTPA	UNION	ELIZABETH CITY	20041421	1.14	East Jersey Street	20041418	0.00	Division Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	NJTPA	UNION	ELIZABETH CITY	20041430	0.00	Jefferson Avenue	20000658	0.00	Jefferson Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	NJTPA	UNION	ELIZABETH CITY	20041429	0.16	Madison Avenue	20041104	0.32	Louisa Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	NJTPA	UNION	ELIZABETH CITY	20041421	1.31	East Jersey Street	20041040	0.33	New Point Road	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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

# New Jersey Network Screening Lists, 2019

Union - Pedestrian/Bicycle 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	AND	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, 14]		13 - Pedestrian; 14 - Pedalcyclist
Pedestrian		Total_Peds_Involved	>0		At least one pedestrian/bicyclist involved

## 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			
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	ELIZABETH CITY	20041113	0.43	Jckson Avenue	20041126	0.11	Julia Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	ELIZABETH CITY	200413862	0.63	East Grand Street	20041090	0.37	Reid Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	NJTPA	UNION	ELIZABETH CITY	200413862	1.73	Trumbull Street	20041394	0.00	Dowd Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	NJTPA	UNION	ELIZABETH CITY	20041414	0.00	Meadow Street	200413971	0.65	Fairmount Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	PLAINFIELD CITY	00000531	7.44	Park Avenue	20121292	0.81	Randolph Road	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	PLAINFIELD CITY	20121086	0.61	Kensington Avenue	20121068	0.37	Prospect Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	NJTPA	UNION	PLAINFIELD CITY	20121074	0.00	Arlington Avenue	20121052	0.20	Laramie Road	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	NJTPA	UNION	LINDEN CITY	20091093	1.11	West Elm Street	20091112	0.41	Erudo Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	NJTPA	UNION	PLAINFIELD CITY	20051095	1.39	George Street	20121170	0.13	Netherwood Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	HILLSIDE TWP	20071145	0.11	Highland Avenue	20071157	0.22	Oakland Ter	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	NJTPA	UNION	LINDEN CITY	20091075	0.85	West Curtis Street	20091089	0.31	Washington Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	NJTPA	UNION	LINDEN CITY	20091037	0.18	Essex Avenue	20091023	0.28	Garfield Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	NJTPA	UNION	KENILWORTH BORO	20081003	0.23	Washington Avenue	20081009	0.38	North 21st Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	NJTPA	UNION	ELIZABETH CITY	20041097	0.57	Anna Street	20041113	0.16	Jckson Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	HILLSIDE TWP	20000628	0.12	Hillside Avenue	20071155	0.00	Stanley Ter	1	0	0	0	1	0	County	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	RAHWAY CITY	20000621	0.12	West Hazelwood Avenue	20131169	0.32	Pierpont Street	1	0	0	0	1	0	County	10.55	1.00
229	2,838	NJTPA	UNION	PLAINFIELD CITY	20000620	1.89	East Front Street	20161304	1.95	Leland Avenue	1	0	0	0	1	0	Municipal	10.55	1.00



# New Jersey Network Screening Lists, 2019

Union - Pedestrian/Bicycle 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	AND	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 [13,14]	13 - Pedestrian; 14 - Pedalcyclist
Pedestrian		Total_Peds_Involved	>0	At least one pedestrian/bicyclist involved

## 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			
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	CRANFORD TWP	20031089	0.72	Orcahrd Street	20201144	1.27	Brookside Place	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	NJTPA	UNION	CRANFORD TWP	20031367	0.27	Orange Avenue	20031071	0.00	Maple Place	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	ELIZABETH CITY	20041066	0.21	Delaware Street	20041019	0.19	Merritt Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	NJTPA	UNION	ELIZABETH CITY	20041064	0.41	Court Street	20041044	0.41	Third Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	ELIZABETH CITY	20041040	0.54	New Point Road	20041095	0.08	Bank Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	NJTPA	UNION	ELIZABETH CITY	20041028	0.04	Broadway	20041029	0.00	Broadway	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	NJTPA	UNION	ELIZABETH CITY	20041020	0.73	First Avenue	20041083	0.37	High Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	SPRINGFIELD TWP	20000636	1.02	Shunpike Road	20171120	0.00	Baltsurol Way	1	0	0	0	1	0	County	10.55	1.00
229	2,838	NJTPA	UNION	SUMMIT CITY	20000651	0.53	Morris Avenue	20181125	0.00	Weaver Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	FANWOOD BORO	20000655	3.78	North Martine Avenue	20051095	0.11	Paterson Road	1	0	0	0	1	0	County	10.55	1.00
229	2,838	NJTPA	UNION	CLARK TWP	20000655	0.36	Lake Avenue	20161211	0.14	Goodmans Xing	1	0	0	0	1	0	County	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	WESTFIELD TOWN	20201330	0.90	Rahway Avenue	20201308	0.65	Willow Grove Road	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	NJTPA	UNION	UNION TWP	20191509	0.11	Adams Avenue	00000082_W	2.49	Morris Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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

# New Jersey Network Screening Lists, 2019

## Union - Pedestrian/Bicycle 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	AND	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 [13,14]		13 - Pedestrian; 14 - Pedalcyclist
Pedestrian		Total_Peds_Involved	>0		At least one pedestrian/bicyclist involved

### 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			
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	LINDEN CITY	00000027	31.13	St Georges Avenue	20000619	0.81	Roselle Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	NJTPA	UNION	RAHWAY CITY	00000027	28.84	St Georges Avenue	20000613	5.94	West Grand Avenue	1	0	0	0	1	0	County	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	PLAINFIELD CITY	00000028	14.32	Plainfield Avenue	20000620	0.00	West Front Street	1	0	0	0	1	0	County	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	PLAINFIELD CITY	00000028	15.97	South Avenue	20121302	0.10	Berckman Avenue	1	0	0	0	1	0	County	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	UNION TWP	00000082	0.46	Morris Avenue	20191244	0.36	Spruce Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	NJTPA	UNION	NEW PROVIDENCE BORO	00000512	28.72	Springfield Avenue	20111025	0.10	Academy Street	1	0	0	0	1	0	County	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	PLAINFIELD CITY	20121331	0.58	South Second Street	20121299	0.37	Clinton Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	PLAINFIELD CITY	20121213	1.32	West Third Street	20121245	0.10	Evona Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	RAHWAY CITY	20131247	0.43	Main Street	20131180	0.00	Lewis Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	NJTPA	UNION	RAHWAY CITY	20131246	0.41	Linden Avenue	20131077	0.07	Church Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	RAHWAY CITY	20131288	0.24	Whittier Street	20131097	0.42	River Road	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	NJTPA	UNION	RAHWAY CITY	20131251	0.39	Irving Street	20131182	0.00	East Broad Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	KENILWORTH BORO	00000509	4.42	Boulevard	20081039	0.80	Market Street	1	0	0	0	1	0	County	10.55	1.00
229	2,838	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
229	2,838	NJTPA	UNION	SPRINGFIELD TWP	00000509S	2.03	Meisel Avenue	20000636	1.83	Milltown Road	1	0	0	0	1	0	County	10.55	1.00
229	2,838	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



# New Jersey Network Screening Lists, 2019

## Union - Pedestrian/Bicycle 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	AND	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 [13,14]		13 - Pedestrian; 14 - Pedalcyclist
Pedestrian		Total_Peds_Involved	>0		At least one pedestrian/bicyclist involved

### 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			
229	2,838	NJTPA	UNION	RAHWAY CITY	20131240	0.16	Jefferson Avenue	20131133	0.16	Murray Street	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	ELIZABETH CITY	00000001	45.14	Herbert Highway	20041413	0.00	Fairmount Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
229	2,838	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
229	2,838	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
229	2,838	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
229	2,838	NJTPA	UNION	GARWOOD BORO	20000610	4.57	South Avenue	20061007	0.00	Oak Street	1	0	0	0	1	0	County	10.55	1.00
229	2838	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
229	2838	NJTPA	UNION	RAHWAY CITY	20000613	5.65	Westfield Avenue	20131114	0.07	Fowler Place	1	0	0	0	1	0	County	10.55	1.00
229	2838	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
229	2838	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
229	2838	NJTPA	UNION	WESTFIELD TOWN	20000613	1.00	Mountain Avenue	20201063	0.00	Dudley Av East	1	0	0	0	1	0	County	10.55	1.00
229	2838	NJTPA	UNION	CLARK TWP	20000613	5.15	Westfield Avenue	20021073	0.00	Kathryn Street	1	0	0	0	1	0	County	10.55	1.00
229	2838	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
229	2838	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
229	2838	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
229	2838	NJTPA	UNION	FANWOOD BORO	20000601	4.25	La Grande Avenue	20051063	0.36	Beech Avenue	1	0	0	0	1	0	County	10.55	1.00
229	2838	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
229	2838	NJTPA	UNION	RAHWAY CITY	20000608	0.90	East Milton Avenue	20131040	0.00	Essex Street	1	0	0	0	1	0	County	10.55	1.00
229	2838	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
229	2838	NJTPA	UNION	FANWOOD BORO	20000601	3.57	Lagrande Avenue	20051094	0.00	Brohm Place	1	0	0	0	1	0	County	10.55	1.00
229	2838	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
229	2838	NJTPA	UNION	PLAINFIELD CITY	20000601	1.42	West 7th Avenue	20121211	0.49	Madison Avenue	1	0	0	0	1	0	County	10.55	1.00
229	2838	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
229	2838	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
229	2838	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
229	2838	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
229	2838	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
229	2838	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
229	2838	NJTPA	UNION	LINDEN CITY	20000619	0.72	Roselle Street	20091069	0.05	Pierce Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
229	2838	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
229	2838	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
229	2838	NJTPA	UNION	UNION TWP	20000619	4.59	Stuyvesant Avenue	20191512	0.00	Wewanna Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
229	2838	NJTPA	UNION	PLAINFIELD CITY	20000620	0.21	West Front Street	20121228	0.00	Washington Avenue	1	0	0	0	1	0	County	10.55	1.00
229	2838	NJTPA	UNION	UNION TWP	20000619	5.62	Stuyvesant Avenue	20191062	0.00	Stecher Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
229	2838	NJTPA	UNION	UNION TWP	20000619	5.47	Stuyvesant Avenue	20191046	0.23	Ernest Ter	1	0	0	0	1	0	Municipal	10.55	1.00
229	2838	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
229	2838	NJTPA	UNION	UNION TWP	20000619	3.44	Chestnut Street	00000509	5.32	Galloping Hill Road	1	0	0	0	1	0	County	10.55	1.00
229	2838	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
229	2838	NJTPA	UNION	LINDEN CITY	20000615	2.34	North Stiles Street	20091198	0.00	Morristown Road	1	0	0	0	1	0	County	10.55	1.00
229	2838	NJTPA	UNION	CRANFORD TWP	20000615	4.77	Springfield Avenue	20031078	0.06	Balmiere Parkway	1	0	0	0	1	0	County	10.55	1.00
229	2838	NJTPA	UNION	ROSELLE PARK BORO	20000616	3.68	Galloping Hill Road	00000028_W	25.24	Easton Turnpike	1	0	0	0	1	0	County	10.55	1.00
229	2838	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
229	2838	NJTPA	UNION	RAHWAY CITY	20000613	6.66	West Grand Avenue	00000514	38.99	East Grand Avenue	1	0	0	0	1	0	County	10.55	1.00
229	2838	NJTPA	UNION	LINDEN CITY	20000617	1.71	South Wood Avenue	20091135	0.34	West Munsell Avenue	1	0	0	0	1	0	County	10.55	1.00
229	2838	NJTPA	UNION	CRANFORD TWP	20000615	3.14	Centennial Avenue	20031237	0.29	Pat Fossella Street	1	0	0	0	1	0	Municipal	10.55	1.00
447	5009	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
447	5009	NJTPA	UNION	PLAINFIELD CITY	20000620	1.70	East Front Street	20121166	0.00	Garfield Avenue	2	0	0	0	0	2	County	2.00	0.00
449	5065	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

# New Jersey Network Screening Lists, 2019

## Union - Pedestrian/Bicycle 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	AND	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, 14]		13 - Pedestrian; 14 - Pedalcyclist
Pedestrian		Total_Peds_Involved	>0		At least one pedestrian/bicyclist involved

### 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			
449	5065	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
449	5065	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
449	5065	NJTPA	UNION	ROSELLE BORO	20000625	0.26	Chestnut Street	20141216	0.32	West 6th Avenue	1	0	0	0	0	1	County	1.00	0.00
449	5065	NJTPA	UNION	PLAINFIELD CITY	20000620	1.63	East Front Street	20121165	0.43	Johnston Avenue	1	0	0	0	0	1	County	1.00	0.00
449	5065	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
449	5065	NJTPA	UNION	LINDEN CITY	20091052	0.42	Carnegie Street	20091053	1.06	East Blancke Street	1	0	0	0	0	1	Municipal	1.00	0.00
449	5065	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
449	5065	NJTPA	UNION	UNION TWP	20191594	0.00	Union Avenue	20191587	0.31	Oakland Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
449	5065	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
449	5065	NJTPA	UNION	SCOTCH PLAINS TWP	20161259	0.37	Cooper Road	20161251	0.34	Ashbrook Drive	1	0	0	0	0	1	Municipal	1.00	0.00
449	5065	NJTPA	UNION	FANWOOD BORO	20161298	0.07	Westfield Road	20161028	0.62	Morse Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
449	5065	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
449	5065	NJTPA	UNION	SCOTCH PLAINS TWP	20161306	0.63	Rahway Road	20161281	0.62	Ravens Hill Lane	1	0	0	0	0	1	Municipal	1.00	0.00
449	5065	NJTPA	UNION	CLARK TWP	20000607	1.39	Raritan Road	20021149	0.00	Commerce Place	1	0	0	0	0	1	County	1.00	0.00
449	5065	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
449	5065	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
449	5065	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
449	5065	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
449	5065	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
449	5065	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
449	5065	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
449	5065	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
449	5065	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
449	5065	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
449	5065	NJTPA	UNION	ELIZABETH CITY	200413971	0.62	Fairmount Avenue	20041113	0.57	Jckson Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
449	5065	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
449	5065	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
449	5065	NJTPA	UNION	WESTFIELD TOWN	20121331	6.78	Brightwood Avenue	20201001	0.12	Fanwood Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
449	5065	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
449	5065	NJTPA	UNION	WESTFIELD TOWN	20000610	2.53	North Avenue	20201087	0.00	Charles Street	1	0	0	0	0	1	County	1.00	0.00
449	5065	NJTPA	UNION	RAHWAY CITY	20131247	0.55	Main Street	20131052	0.33	Monroe Street	1	0	0	0	0	1	Municipal	1.00	0.00
449	5065	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
449	5065	NJTPA	UNION	LINDEN CITY	20000616	1.63	Park Avenue	20091036	0.18	Caroline Avenue	1	0	0	0	0	1	County	1.00	0.00
449	5065	NJTPA	UNION	RAHWAY CITY	20000608	0.94	East Milton Avenue	20131038	0.00	Lenox Place	1	0	0	0	0	1	Municipal	1.00	0.00
449	5065	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
449	5065	NJTPA	UNION	PLAINFIELD CITY	20121302	0.28	Berckman Avenue	20121164	0.00	Saint Marys Drive	1	0	0	0	0	1	Municipal	1.00	0.00
449	5065	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
449	5065	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
449	5065	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
449	5065	NJTPA	UNION	ELIZABETH CITY	20041755	0.47	Franklin Street	00000095_S	55.11	I-95	1	0	0	0	0	1	Municipal	1.00	0.00
449	5065	NJTPA	UNION	ELIZABETH CITY	20041422	0.43	Summer Street	20041356	0.00	Chetwood Street	1	0	0	0	0	1	Municipal	1.00	0.00
449	5065	NJTPA	UNION	ROSELLE BORO	20000619	1.05	Chestnut Street	20141043	0.10	William Street	1	0	0	0	0	1	Municipal	1.00	0.00
449	5065	NJTPA	UNION	SUMMIT CITY	20000649	0.56	Passaic Avenue	20181269	0.35	Kent Place Boulevard	1	0	0	0	0	1	County	1.00	0.00
449	5065	NJTPA	UNION	UNION TWP	20191584	0.16	Colonial Avenue	20191502	0.00	Selfmaster Parkway	1	0	0	0	0	1	Municipal	1.00	0.00
449	5065	NJTPA	UNION	SPRINGFIELD TWP	20000636	0.68	Shunpike Road	20171129	0.00	Mount View Avenue	1	0	0	0	0	1	County	1.00	0.00
449	5065	NJTPA	UNION	ROSELLE BORO	20000619	1.32	West 9th Avenue	20000625	0.00	Chestnut Street	1	0	0	0	0	1	Municipal	1.00	0.00
449	5065	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
449	5065	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
449	5065	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
449	5065	NJTPA	UNION	UNION TWP	00000082	3.67	Morris Avenue	20191343	0.22	Sterling Road	1	0	0	0	0	1	Municipal	1.00	0.00

# New Jersey Network Screening Lists, 2019

## Union - Pedestrian/Bicycle 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	AND	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 [13,14]	13 - Pedestrian; 14 - Pedalcyclist
Pedestrian		Total_Peds_Involved	>0	At least one pedestrian/bicyclist involved

### 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			
449	5065	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
449	5065	NJTPA	UNION	PLAINFIELD CITY	00000028	14.29	West Front Street	20121231	0.00	Geraud Avenue	1	0	0	0	0	1	County	1.00	0.00
449	5065	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
449	5065	NJTPA	UNION	ELIZABETH CITY	00000027Z	33.79	Chilton Avenue	20000610	9.70	West Grand Street	1	0	0	0	0	1	Municipal	1.00	0.00
449	5065	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
449	5065	NJTPA	UNION	HILLSIDE TWP	00000512	30.96	Springfield Avenue	20181262	0.29	New England Avenue	1	0	0	0	0	1	County	1.00	0.00
449	5065	NJTPA	UNION	SUMMIT CITY	00000527	69.25	Morris Avenue	20181152	0.00	North Street	1	0	0	0	0	1	County	1.00	0.00
449	5065	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