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New Jersey Network Screening Lists, 2019

Essex - 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

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] 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

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

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

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	1	NJTPA	ESSEX	MILLBURN TWP	00000577	0.92	Millburn Avenue	00000527	71.19	Main Street	22	0	3	6	10	3	County	373.76	35.13
2	2	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.47	Springfield Avenue	07091825	0.79	North Maple Avenue	21	0	0	5	14	2	County	233.17	21.90
3	4	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.81	Central Avenue	07141876	0.64	South Munn Avenue	13	0	1	5	7	0	County	212.33	20.12
4	5	NJTPA	ESSEX	NEWARK CITY	00000510	29.27	Market Street	07141865	1.33	Broad Street	17	0	0	4	11	2	County	184.82	17.32
5	6	NJTPA	ESSEX	NEWARK CITY	00000510	29.10	Market Street	07141916	0.78	Washington Street	4	0	3	0	1	0	County	175.68	16.65
6	7	NJTPA	ESSEX	NEWARK CITY	00000510	28.10	South Orange Avenue	07141895	2.66	Bergen Street	13	0	1	1	9	2	County	168.71	15.80
7	8	NJTPA	ESSEX	NEWARK CITY	07000667	0.40	Broadway	07141553	0.31	East 3rd Avenue	12	0	1	1	9	1	County	167.71	15.80
8	11	NJTPA	ESSEX	NEWARK CITY	00000510	29.42	Market Street	07141914	0.33	Park Place	9	1	0	1	7	0	County	145.60	13.80
9	12	NJTPA	ESSEX	NEWARK CITY	00000510	25.97	South Orange Avenue	07000605	1.59	Sandford Avenue	9	1	0	0	8	0	County	139.48	13.22
10	14	NJTPA	ESSEX	NEWARK CITY	07000670	0.57	Franklin Street	07000645	0.00	Franklin Avenue	16	0	0	1	10	5	County	127.23	11.58
11	19	NJTPA	ESSEX	MONTCLAIR TWP	07000623	0.44	Grove Street	07131362	0.78	Walnut Avenue	6	1	0	2	3	0	County	120.07	11.38
11	19	NJTPA	ESSEX	NEWARK CITY	00000510	27.75	South Orange Avenue	07141193	0.80	South 9th Street	6	0	1	2	3	0	County	120.07	11.38
13	21	NJTPA	ESSEX	NEWARK CITY	07141895	2.02	Bergen Street	07141885	2.14	18th Avenue	7	1	0	1	4	1	Municipal	114.94	10.80
14	23	NJTPA	ESSEX	NEWARK CITY	00000508	10.48	Central Avenue	07141900	2.34	Norfolk Street	6	1	0	2	2	1	County	110.51	10.38
15	27	NJTPA	ESSEX	MONTCLAIR TWP	07000623	0.54	Grove Street	07131064	0.07	Oxford Street	4	0	1	3	0	0	County	105.08	9.96
16	28	NJTPA	ESSEX	IRVINGTON TWP	07091822	0.87	Union Avenue	07000601	0.88	Chancellor Avenue	6	1	0	1	3	1	County	104.39	9.80
17	32	NJTPA	ESSEX	NEWARK CITY	07141865	0.96	Broad Street	07091883	2.24	Walnut Street	7	0	1	0	4	2	Municipal	99.26	9.22
18	35	NJTPA	ESSEX	IRVINGTON TWP	07000602	0.11	Lyons Avenue	07000619	1.23	Stuyvesant Avenue	9	0	0	2	6	1	County	97.69	9.16
19	36	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.39	Springfield Avenue	07091053	0.00	Bruen Avenue	5	1	0	0	4	0	County	97.26	9.22
19	36	NJTPA	ESSEX	NEWARK CITY	00000508	9.80	Central Avenue	07141193	0.15	South 9th Street	5	0	1	0	4	0	County	97.26	9.22
21	42	NJTPA	ESSEX	NEWARK CITY	07000603	2.45	Springfield Avenue	07141189	1.41	South 10th Street	4	0	1	1	2	0	County	92.83	8.80
22	43	NJTPA	ESSEX	NEWARK CITY	07141865	0.44	Broad Street	07141330	0.14	Thomas Street	7	0	0	3	4	0	Municipal	92.26	8.74
22	43	NJTPA	ESSEX	NEWARK CITY	07141867	0.14	Raymond Boulevard	07142064	0.09	Nnp	7	0	0	3	4	0	Municipal	92.26	8.74
24	45	NJTPA	ESSEX	EAST ORANGE CITY	07191831	1.79	South Harrison Street	07171145	0.67	Freeway Dr South	9	0	0	1	7	1	Municipal	91.56	8.58
24	45	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.84	Springfield Avenue	07091101	0.20	Civic Sq	9	0	0	1	7	1	County	91.56	8.58
26	47	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	14.53	Watsessing Avenue	07171827	2.00	Watsessing Avenue	7	0	0	4	2	1	Municipal	88.83	8.32
27	49	NJTPA	ESSEX	ORANGE CITY	07171203	0.00	Main Street	07000659	0.00	Main Street	5	1	0	0	3	1	County	87.71	8.22
28	50	NJTPA	ESSEX	NEWARK CITY	07091881	1.01	Clinton Avenue	07141892	0.90	Clinton Place	5	0	1	0	3	1	Municipal	87.71	8.22
29	51	NJTPA	ESSEX	IRVINGTON TWP	07000619	1.62	Stuyvesant Avenue	07000665	1.78	Clinton Avenue	4	0	1	0	3	0	County	86.71	8.22
29	51	NJTPA	ESSEX	IRVINGTON TWP	07091881	0.34	Clinton Avenue	00000509	10.06	Grove Street	4	0	1	0	3	0	County	86.71	8.22
31	53	NJTPA	ESSEX	NEWARK CITY	07141844	0.37	Ferry Street	07141372	0.22	Monroe Street	7	0	0	2	5	0	Municipal	86.13	8.16
32	56	NJTPA	ESSEX	ORANGE CITY	07000659	0.23	Main Street	07171122	0.19	Jefferson Street	7	0	0	3	3	1	County	82.71	7.74
33	57	NJTPA	ESSEX	NEWARK CITY	07141893	0.34	Hawthorne Avenue	07141892	0.58	Clinton Place	3	0	1	1	1	0	Municipal	82.28	7.80
34	61	NJTPA	ESSEX	NEWARK CITY	07141865	0.49	Broad Street	07141906	0.00	South Street	6	0	0	3	3	0	Municipal	81.71	7.74
34	61	NJTPA	ESSEX	BLOOMFIELD TWP	000005065	1.18	Bloomfield Avenue	07011212	1.13	Newark Avenue	6	0	0	3	3	0	County	81.71	7.74
36	66	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.66	Springfield Avenue	07000619	1.36	Stuyvesant Avenue	7	0	0	1	6	0	County	80.01	7.58
37	67	NJTPA	ESSEX	GLEN RIDGE BORO	000005065	0.24	Bloomfield Avenue	07000653	1.21	Ridgewood Avenue	8	0	0	2	4	2	County	77.58	7.16
38	68	NJTPA	ESSEX	NEWARK CITY	07141865	0.82	Broad Street	07141260	0.83	West Kinney Street	4	0	1	0	2	1	Municipal	77.15	7.22
39	69	NJTPA	ESSEX	NEWARK CITY	00000508	9.89	Central Avenue	07141222	0.05	South 7th Street	3	0	1	0	2	0	County	76.15	7.22
39	69	NJTPA	ESSEX	BLOOMFIELD TWP	000005065	0.95	Bloomfield Avenue	07021869	0.00	Municipal Plaza	3	0	1	0	2	0	County	76.15	7.22
41	73	NJTPA	ESSEX	NEWARK CITY	07091880	1.73	Nye Avenue	07141890	0.48	Osborne Terrace	3	1	0	0	2	0	Municipal	76.15	7.22
41	73	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.00	Springfield Avenue	07091054	0.06	New Street	3	1	0	0	2	0	County	76.15	7.22
41	73	NJTPA	ESSEX	ORANGE CITY	07051144	1.30	Freeway Drive West	07171078	0.36	Essex Avenue	3	1	0	0	2	0	Municipal	76.15	7.22
41	73	NJTPA	ESSEX	GLEN RIDGE BORO	00000506	7.57	Belleville Avenue	07000653	1.37	Ridgewood Avenue	3	0	1	0	2	0	County	76.15	7.22
45	81	NJTPA	ESSEX	NEWARK CITY	07141895	2.93	Bergen Street	07141241	0.50	12th Avenue	6	0	0	2	4	0	Municipal	75.58	7.16
46	86	NJTPA	ESSEX	NEWARK CITY	07141922	0.63	Orange Street	07141895	3.60	1st Street	7	0	0	0	7	0	Municipal	73.88	7.00
47	87	NJTPA	ESSEX	MILLBURN TWP	00000577	1.03	Millburn Avenue	07121254	0.15	Lackawanna Place	3	0	1	1	0	1	County	72.72	6.80
48	89	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.32	Bloomfield Avenue	07081356	0.00	Glenridge Avenue	2	0	1	1	0	0	County	71.72	6.80

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
48	95	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.00	Springfield Avenue	07091054	0.06	New Street	3	1	0	0	2	0	County	76.15	7.22
48	95	NJTPA	ESSEX	MONTCLAIR TWP	07000668	0.36	Elm Street	07131270	0.00	Hawthorne Place	3	1	0	0	2	0	Municipal	76.15	7.22
52	104	NJTPA	ESSEX	NEWARK CITY	07141895	2.93	Bergen Street	07141241	0.50	12th Avenue	6	0	0	2	4	0	Municipal	75.58	7.16
53	109	NJTPA	ESSEX	NEWARK CITY	07141922	0.63	Orange Street	07141895	3.60	1st Street	7	0	0	0	7	0	Municipal	73.88	7.00
54	111	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.32	Bloomfield Avenue	07081356	0.00	Glenridge Avenue	3	0	1	1	0	1	County	72.72	6.80
54	111	NJTPA	ESSEX	MILLBURN TWP	00000577	1.03	Millburn Avenue	07121254	0.15	Lackawanna Place	3	0	1	1	0	1	County	72.72	6.80
56	114	NJTPA	ESSEX	NEWARK CITY	07141647	0.96	North 5th Street	07051871	0.69	2nd Avenue West	2	0	1	1	0	0	Municipal	71.72	6.80
57	126	NJTPA	ESSEX	NUTLEY TWP	07000645	2.69	Franklin Avenue	07000648	0.87	Centre Street	8	0	0	1	5	2	County	71.45	6.58
58	127	NJTPA	ESSEX	NEWARK CITY	07091881	2.44	Clinton Avenue	07141904	0.00	Dr Martin Luther King Jr Boulevard	5	0	0	3	2	0	Municipal	71.15	6.74
59	129	NJTPA	ESSEX	NEWARK CITY	00000510	27.10	South Orange Avenue	00000509	11.54	Grove Street	7	0	0	1	5	1	County	70.45	6.58
60	131	NJTPA	ESSEX	NEWARK CITY	07171203	3.16	Market Street	07141895	3.14	1st Street	6	0	0	1	5	0	Municipal	69.45	6.58
60	131	NJTPA	ESSEX	NEWARK CITY	07141895	0.98	Bergen Street	07141893	0.85	Hawthorne Avenue	6	0	0	1	5	0	Municipal	69.45	6.58
60	131	NJTPA	ESSEX	IRVINGTON TWP	07000665	2.10	Clinton Avenue	07091054	0.16	New Street	6	0	0	1	5	0	County	69.45	6.58
63	135	NJTPA	ESSEX	NEWARK CITY	07141905	0.31	Wilson Avenue	07141413	0.00	Oliver Street	3	0	1	0	1	1	Municipal	66.60	6.22
64	142	NJTPA	ESSEX	NEWARK CITY	00000508	11.13	Central Avenue	07141916	1.22	Washington Street	6	0	0	2	3	1	Municipal	66.03	6.16
65	145	NJTPA	ESSEX	NEWARK CITY	00000510	28.20	South Orange Avenue	07141260	2.20	Morris Avenue	2	1	0	0	1	0	County	65.60	6.22
65	145	NJTPA	ESSEX	NEWARK CITY	07000603	2.33	Springfield Avenue	07141903	1.71	South 12th Street	2	1	0	0	1	0	County	65.60	6.22
65	145	NJTPA	ESSEX	NEWARK CITY	07000601	1.66	Chancellor Avenue	07141159	0.17	Schley Avenue	2	0	1	0	1	0	County	65.60	6.22
65	145	NJTPA	ESSEX	BELLEVILLE TWP	07000647	1.32	Union Avenue	07011065	0.41	Greylock Parkway	2	0	1	0	1	0	County	65.60	6.22
65	145	NJTPA	ESSEX	NEWARK CITY	07141844	0.11	Ferry Street	07141342	0.30	Union Street	2	0	1	0	1	0	Municipal	65.60	6.22
65	145	NJTPA	ESSEX	BLOOMFIELD TWP	07171830	1.72	Glenwood Avenue	07021323	0.00	Maolis Avenue	2	0	1	0	1	0	Municipal	65.60	6.22
65	145	NJTPA	ESSEX	NEWARK CITY	07141891	0.75	Elizabeth Avenue	07141073	0.00	Renner Street	2	0	1	0	1	0	Municipal	65.60	6.22
65	145	NJTPA	ESSEX	NEWARK CITY	07141905	0.52	Wilson Avenue	07141428	0.00	Hawkins Street	2	0	1	0	1	0	Municipal	65.60	6.22
65	145	NJTPA	ESSEX	NEWARK CITY	07141372	0.41	Monroe Street	07141376	0.43	Elm Street	2	0	1	0	1	0	Municipal	65.60	6.22
65	145	NJTPA	ESSEX	VERONA TWP	00000506	4.87	Bloomfield Avenue	07201053	0.00	Hillcrest Ter	2	1	0	0	1	0	County	65.60	6.22
75	180	NJTPA	ESSEX	EAST ORANGE CITY	07171203	1.05	Dr Martin Luther King Jr Boulevard	07051129	0.72	Hulsted Street	8	0	0	0	6	2	Municipal	65.33	6.00
76	182	NJTPA	ESSEX	NEWARK CITY	07171203	4.00	Market Street	07141904	0.95	Dr Martin Luther King Jr Boulevard	5	0	0	2	3	0	Municipal	65.03	6.16
77	185	NJTPA	ESSEX	NEWARK CITY	07000658	3.16	Park Avenue	07141895	4.13	1st Street	7	0	0	0	6	1	County	64.33	6.00
78	187	NJTPA	ESSEX	NEWARK CITY	07141844	0.42	Ferry Street	07141909	0.74	Adams Street	6	0	0	0	6	0	Municipal	63.33	6.00
79	189	NJTPA	ESSEX	NEWARK CITY	07000602	1.20	Lyons Avenue	07141162	0.52	Fabyan Street	5	0	0	3	1	1	County	61.60	5.74
80	195	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.20	Central Avenue	07051129	1.23	Hulsted Street	6	0	0	1	4	1	County	59.90	5.58
80	195	NJTPA	ESSEX	BELLEVILLE TWP	07000645	1.78	Franklin Avenue	07011282	1.31	Joralemon Street	6	0	0	1	4	1	County	59.90	5.58
80	195	NJTPA	ESSEX	NEWARK CITY	000005065	3.45	Bloomfield Avenue	07141900	3.36	Clifton Avenue	6	0	0	1	4	1	County	59.90	5.58
80	195	NJTPA	ESSEX	NEWARK CITY	000005065	2.93	Bloomfield Avenue	07141663	0.68	3rd Street	6	0	0	1	4	1	County	59.90	5.58
84	201	NJTPA	ESSEX	EAST ORANGE CITY	00000510	26.21	South Orange Avenue	07051823	0.00	South Clinton Street	5	0	0	1	4	0	County	58.90	5.58
84	201	NJTPA	ESSEX	NEWARK CITY	07141844	0.52	Ferry Street	07141907	0.32	Van Buren Street	5	0	0	1	4	0	Municipal	58.90	5.58
84	201	NJTPA	ESSEX	NEWARK CITY	07141844	0.28	Ferry Street	07141362	0.16	Jefferson Street	5	0	0	1	4	0	Municipal	58.90	5.58
84	201	NJTPA	ESSEX	NEWARK CITY	00000510	29.02	Market Street	07141915	0.83	University Avenue	5	0	0	1	4	0	County	58.90	5.58
84	201	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.10	Springfield Avenue	07091822	1.75	Union Avenue	5	0	0	1	4	0	County	58.90	5.58
84	201	NJTPA	ESSEX	NEWARK CITY	07141916	0.27	Washington Street	07141260	0.99	West Kinney Street	5	0	0	1	4	0	Municipal	58.90	5.58
84	201	NJTPA	ESSEX	CALDWELL BORO	00000506	2.63	Bloomfield Avenue	00000527	80.79	Roseland Avenue	5	0	0	1	4	0	County	58.90	5.58
84	201	NJTPA	ESSEX	NEWARK CITY	07141844	0.47	Ferry Street	07141908	0.12	Jackson Street	5	0	0	1	4	0	Municipal	58.90	5.58
84	201	NJTPA	ESSEX	BLOOMFIELD TWP	000005065	1.90	Bloomfield Avenue	00000509	14.30	Grove Street	5	0	0	1	4	0	County	58.90	5.58
84	201	NJTPA	ESSEX	EAST ORANGE CITY	07171203	0.86	Dr Martin Luther King Jr Boulevard	07191831	1.95	North Harrison Street	5	0	0	1	4	0	Municipal	58.90	5.58
94	215	NJTPA	ESSEX	EAST ORANGE CITY	00000509	12.43	South Grove Street	07051875	0.58	Sussex Avenue	2	1	0	0	0	1	County	56.04	5.22
94	215	NJTPA	ESSEX	NEWARK CITY	07141912	1.01	Lafayette Street	07141358	0.00	Merchant Street	2	0	1	0	0	1	Municipal	56.04	5.22
94	215	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	00000510	24.44	South Orange Avenue	07191080	0.18	Sloan Street	2	0	1	1	0	1	County	56.04	5.22
97	225	NJTPA	ESSEX	NEWARK CITY	07000602	2.05	Lyons Avenue	07141895	0.30	Bergen Street	5	0	0	2	2	1	County	55.47	5.16
97	225	NJTPA	ESSEX	NEWARK CITY	07141865	1.03	Broad Street	07141290	0.16	Franklin Street	5	0	0	2	2	1	Municipal	55.47	5.16
97	225	NJTPA	ESSEX	NEWARK CITY	07141895	3.44	1st Street	07141919	0.40	Sussex Avenue	5	0	0	2	2	1	Municipal	55.47	5.16

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
97	225	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.79	Springfield Avenue	07091882	0.00	Avon Avenue	5	0	0	2	2	1	County	55.47	5.16
101	231	NJTPA	ESSEX	MAPLEWOOD TWP	00000577	2.52	Wyoming Avenue	07111153	0.34	Hickory Drive	1	1	0	0	0	0	County	55.04	5.22
101	231	NJTPA	ESSEX	NEWARK CITY	07141844	1.92	Ferry Street	07141442	0.39	Lockwood Street	1	0	1	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	MONTCLAIR TWP	07000621	1.68	Valley Road	07131047	0.00	Wildwood Avenue	1	0	1	0	0	0	County	55.04	5.22
101	231	NJTPA	ESSEX	LIVINGSTON TWP	00000510	20.69	South Orange Avenue	07000608	2.99	East Hobart Gap Road	1	0	1	0	0	0	County	55.04	5.22
101	231	NJTPA	ESSEX	MONTCLAIR TWP	07000623	1.65	Grove Street	07131041	0.25	Beverley Road	1	0	1	0	0	0	County	55.04	5.22
101	231	NJTPA	ESSEX	NEWARK CITY	07141820	0.81	Doremus Avenue	07142052	0.00	Delancey Street	1	1	0	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07000638	1.65	Valley Street	07191004	0.00	Roland Avenue	1	0	1	0	0	0	County	55.04	5.22
101	231	NJTPA	ESSEX	ORANGE CITY	07000638	3.08	Scotland Road	07191132	0.05	Randolph Place	1	1	0	0	0	0	County	55.04	5.22
101	231	NJTPA	ESSEX	NEWARK CITY	07141393	0.12	Malvern Street	07141362	0.79	Jefferson Street	1	1	0	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	IRVINGTON TWP	07141236	0.44	19th Avenue	07091202	0.10	Ellis Avenue	1	1	0	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	MILLBURN TWP	07000630	0.23	Millburn Avenue	07121800	0.03	Locust Avenue	1	0	1	0	0	0	County	55.04	5.22
101	231	NJTPA	ESSEX	IRVINGTON TWP	07000665	2.03	Clinton Avenue	07141884	0.84	Orange Avenue	1	1	0	0	0	0	County	55.04	5.22
101	231	NJTPA	ESSEX	BLOOMFIELD TWP	00000506	8.82	Belleville Avenue	07021354	0.00	Willet Street	1	0	1	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	BELLEVILLE TWP	07000670	0.16	Franklin Street	07011206	0.00	Florence Avenue	1	0	1	0	0	0	County	55.04	5.22
101	231	NJTPA	ESSEX	BELLEVILLE TWP	07011143	0.00	Moore Place	07011065	1.00	Greylock Parkway	1	1	0	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	BLOOMFIELD TWP	07051671	0.32	1st Avenue	07021358	0.39	Lawton Street	1	0	1	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	NEWARK CITY	07091879	1.21	Speedway Avenue	07141235	1.44	14th Avenue	1	1	0	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	WEST ORANGE TWP	07221447	0.02	Harrison Avenue	07221201	0.29	Mississippi Avenue	1	1	0	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	NUTLEY TWP	07000648	0.95	Centre Street	07161155	0.24	Ravine Avenue	1	1	0	0	0	0	County	55.04	5.22
101	231	NJTPA	ESSEX	BLOOMFIELD TWP	07000652	1.11	East Passaic Avenue	07161068	0.00	Pake Street	1	1	0	0	0	0	County	55.04	5.22
101	231	NJTPA	ESSEX	NEWARK CITY	00000508	10.67	Central Avenue	07141917	0.11	Lock Street	1	1	0	0	0	0	County	55.04	5.22
101	231	NJTPA	ESSEX	MILLBURN TWP	00000577	0.83	Main Street	07121218	0.00	Taylor Street	1	0	1	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	MONTCLAIR TWP	07131363	1.02	Claremont Avenue	07131026	0.42	South Willow Street	1	0	1	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	NEWARK CITY	07091883	0.89	15th Avenue	07141222	0.90	South 7th Street	1	1	0	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	MILLBURN TWP	00000527Z	0.00	Essex Street	00000577Z	0.37	Essex Street	1	0	1	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	NEWARK CITY	07141865	2.22	Broad Street	07141915	0.00	University Avenue	1	0	1	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	NEWARK CITY	07141919	1.07	Sussex Avenue	07141505	0.12	Summit Street	1	1	0	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	NEWARK CITY	07141865	1.40	Broad Street	07141999	0.00	Bank Street	1	1	0	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	NEWARK CITY	00000510	26.43	South Orange Avenue	07141712	0.65	Alexander Street	1	0	1	0	0	0	County	55.04	5.22
101	231	NJTPA	ESSEX	NEWARK CITY	07141905	0.40	Wilson Avenue	07141405	0.00	Garrison Street	1	0	1	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	NEWARK CITY	07141930	0.60	Heller Parkway	07141926	1.46	Mount Prospect Avenue	1	0	1	0	0	0	Municipal	55.04	5.22
101	231	NJTPA	ESSEX	NEWARK CITY	00000510	27.39	South Orange Avenue	07141213	0.39	South 16th Street	1	0	1	0	0	0	County	55.04	5.22
101	231	NJTPA	ESSEX	NEWARK CITY	00000510	28.80	Springfield Avenue	07000603	3.72	Springfield Avenue	1	1	0	0	0	0	County	55.04	5.22
134	373	NJTPA	ESSEX	NEWARK CITY	07000603	3.30	Springfield Avenue	07141900	1.52	Irvine Turner Boulevard	4	0	0	2	2	0	County	54.47	5.16
134	373	NJTPA	ESSEX	EAST ORANGE CITY	07000658	2.03	Park Avenue	07051809	1.35	South Oraton Parkway	4	0	0	2	2	0	County	54.47	5.16
134	373	NJTPA	ESSEX	EAST ORANGE CITY	07171203	0.96	Dr Martin Luther King Jr Boulevard	07051828	0.72	Prospect Street	4	0	0	2	2	0	Municipal	54.47	5.16
134	373	NJTPA	ESSEX	MILLBURN TWP	07000630	0.00	Millburn Avenue	00000577	1.43	Wyoming Avenue	4	0	0	2	2	0	County	54.47	5.16
134	373	NJTPA	ESSEX	NEWARK CITY	07141913	1.58	Chestnut Street	07141362	0.74	Jefferson Street	4	0	0	2	2	0	Municipal	54.47	5.16
134	373	NJTPA	ESSEX	BELLEVILLE TWP	00000506	10.19	Belleville Avenue	00000506	10.20	Belleville Avenue	4	0	0	2	2	0	County	54.47	5.16
134	373	NJTPA	ESSEX	NEWARK CITY	00000506S	3.77	Bloomfield Avenue	07000658	3.88	Park Avenue	4	0	0	2	2	0	County	54.47	5.16
134	373	NJTPA	ESSEX	EAST ORANGE CITY	00000509	13.42	North Grove Street	07051870	1.44	Springdale Avenue	4	0	0	2	2	0	County	54.47	5.16
142	390	NJTPA	ESSEX	NEWARK CITY	00000510	27.70	South Orange Avenue	07141189	0.79	South 10th Street	6	0	0	5	5	1	County	53.77	5.00
142	390	NJTPA	ESSEX	NEWARK CITY	07141846	0.60	Market Street	07141908	0.35	Jackson Street	6	0	0	0	5	1	Municipal	53.77	5.00
142	390	NJTPA	ESSEX	NEWARK CITY	07141865	0.73	Broad Street	07141913	2.25	Chestnut Street	6	0	0	0	5	1	Municipal	53.77	5.00
145	393	NJTPA	ESSEX	NEWARK CITY	00000510	26.72	South Orange Avenue	07091728	0.00	South Munn Avenue	5	0	0	0	5	0	County	52.77	5.00
145	393	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	16.67	Broad Street	07021100	0.37	Pitt Street	5	0	0	0	5	0	County	52.77	5.00
147	397	NJTPA	ESSEX	EAST ORANGE CITY	00000508	7.95	Central Avenue	07191831	1.46	South Harrison Street	7	0	0	1	3	3	County	51.34	4.58
148	399	NJTPA	ESSEX	LIVINGSTON TWP	07000649	5.05	South Livingston Avenue	07101391	1.08	Belmont Drive	4	0	0	3	0	1	County	51.04	4.74
149	401	NJTPA	ESSEX	NEWARK CITY	07141846	0.12	Market Street	07141844	0.00	Ferry Street	6	0	0	1	3	2	Municipal	50.34	4.58

New Jersey Network Screening Lists, 2019

Essex - 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

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Crash Filtering Criteria

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			
149	401	NJTPA	ESSEX	IRVINGTON TWP	00000509	9.52	Grove Street	07000602	0.83	Lyons Avenue	6	0	0	1	3	2	County	50.34	4.58
151	406	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	00000510	24.49	South Orange Avenue	07191133	0.00	Vose Avenue	3	0	0	3	0	0	County	50.04	4.74
151	406	NJTPA	ESSEX	MONTCLAIR TWP	07000623	0.72	Grove Street	07131360	0.85	Chestnut Street	3	0	0	3	0	0	County	50.04	4.74
151	406	NJTPA	ESSEX	MONTCLAIR TWP	07221447	0.63	Harrison Avenue	07131357	0.00	Cedar Avenue	3	0	0	3	0	0	Municipal	50.04	4.74
151	406	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	16.75	Broad Street	07021335	0.44	Baldwin Street	3	0	0	3	0	0	County	50.04	4.74
155	412	NJTPA	ESSEX	EAST ORANGE CITY	07000658	1.18	Park Avenue	07171830	0.39	Glenwood Avenue	5	0	0	1	3	1	County	49.34	4.58
155	412	NJTPA	ESSEX	NEWARK CITY	07000658	3.62	Park Avenue	07141900	3.14	Clifton Avenue	5	0	0	1	3	1	County	49.34	4.58
155	412	NJTPA	ESSEX	ORANGE CITY	07171203	0.23	Main Street	07171029	0.64	North Day Street	5	0	0	1	3	1	Municipal	49.34	4.58
155	412	NJTPA	ESSEX	NEWARK CITY	00000506S	3.19	Bloomfield Avenue	07141928	0.38	Lake Street	5	0	0	1	3	1	County	49.34	4.58
155	412	NJTPA	ESSEX	NEWARK CITY	07141867	0.46	Raymond Boulevard	07141914	0.19	Park Place	5	0	0	1	3	1	Municipal	49.34	4.58
155	412	NJTPA	ESSEX	NEWARK CITY	07141900	1.34	Irvine Turner Boulevard	07141260	1.56	West Kinney Street	5	0	0	1	3	1	Municipal	49.34	4.58
155	412	NJTPA	ESSEX	NEWARK CITY	07000658	2.94	Park Avenue	07141921	0.84	Roseville Avenue	5	0	0	1	3	1	County	49.34	4.58
162	429	NJTPA	ESSEX	NEWARK CITY	07141907	0.44	Van Buren Street	07141912	0.91	Lafayette Street	4	0	0	1	3	0	Municipal	48.34	4.58
162	429	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.05	Bloomfield Avenue	07000621	0.00	Valley Road	4	0	0	1	3	0	County	48.34	4.58
162	429	NJTPA	ESSEX	IRVINGTON TWP	07091822	1.37	Union Avenue	07000602	0.40	Lyons Avenue	4	0	0	1	3	0	County	48.34	4.58
162	429	NJTPA	ESSEX	EAST ORANGE CITY	07051870	0.80	Springdale Avenue	07051828	1.42	Prospect Street	4	0	0	1	3	0	Municipal	48.34	4.58
162	429	NJTPA	ESSEX	IRVINGTON TWP	07000602	0.29	Lyons Avenue	07091101	0.46	Lincoln Place	4	0	0	1	3	0	County	48.34	4.58
162	429	NJTPA	ESSEX	EAST ORANGE CITY	00000508	9.25	Central Avenue	07051691	0.00	South 20th Street	4	0	0	1	3	0	County	48.34	4.58
162	429	NJTPA	ESSEX	NEWARK CITY	07141867	0.23	Raymond Boulevard	07141478	0.17	Alling Street	4	0	0	1	3	0	Municipal	48.34	4.58
162	429	NJTPA	ESSEX	NEWARK CITY	07141844	0.78	Ferry Street	07141403	0.48	Niagara Street	4	0	0	1	3	0	Municipal	48.34	4.58
162	429	NJTPA	ESSEX	IRVINGTON TWP	07000605	0.09	Sanford Avenue	07111829	1.32	Elmwood Avenue	4	0	0	1	3	0	County	48.34	4.58
162	429	NJTPA	ESSEX	MILLBURN TWP	00000577	1.22	Millburn Avenue	07121243	0.16	Parkview Drive	4	0	0	1	3	0	County	48.34	4.58
162	429	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	15.40	Franklin Street	07011212	1.06	Newark Avenue	4	0	0	1	3	0	County	48.34	4.58
162	429	NJTPA	ESSEX	NEWARK CITY	07141844	0.22	Ferry Street	07141370	0.25	Congress Street	4	0	0	1	3	0	Municipal	48.34	4.58
174	461	NJTPA	ESSEX	NEWARK CITY	07000619	2.26	Stuyvesant Avenue	07191766	0.73	Underwood Street	4	0	0	2	1	1	County	44.92	4.16
175	469	NJTPA	ESSEX	IRVINGTON TWP	07000602	0.53	Lyons Avenue	07091827	0.33	Clermont Avenue	6	0	0	0	4	2	County	44.22	4.00
175	469	NJTPA	ESSEX	NEWARK CITY	07000602	1.81	Lyons Avenue	07141890	0.00	Osborne Terrace	6	0	0	0	4	2	County	44.22	4.00
177	474	NJTPA	ESSEX	NEWARK CITY	07141865	0.39	Broad Street	07141331	0.21	Parkhurst Street	3	0	0	2	1	0	Municipal	43.92	4.16
177	474	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	00000510	24.91	South Orange Avenue	07191008	0.62	Riggs Place	3	0	0	2	1	0	County	43.92	4.16
177	474	NJTPA	ESSEX	GLEN RIDGE BORO	00000506S	0.38	Bloomfield Avenue	07081030	0.15	Hillside Avenue	3	0	0	2	1	0	County	43.92	4.16
177	474	NJTPA	ESSEX	IRVINGTON TWP	00000509	10.85	Grove Street	07141885	1.05	18th Avenue	3	0	0	2	1	0	County	43.92	4.16
177	474	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.81	Bloomfield Avenue	07131266	0.00	Hartley Street	3	0	0	2	1	0	County	43.92	4.16
177	474	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.67	Bloomfield Avenue	07000668	0.60	Elm Street	3	0	0	2	1	0	County	43.92	4.16
177	474	NJTPA	ESSEX	ORANGE CITY	07171078	0.41	Essex Avenue	07171145	0.00	Freeway Dr South	3	0	0	2	1	0	Municipal	43.92	4.16
177	474	NJTPA	ESSEX	BLOOMFIELD TWP	07021681	0.21	Bay Avenue	07021680	0.00	Broughton Avenue	3	0	0	2	1	0	Municipal	43.92	4.16
177	474	NJTPA	ESSEX	IRVINGTON TWP	07000665	1.96	Clinton Avenue	07091100	0.17	Smith Street	3	0	0	2	1	0	County	43.92	4.16
177	474	NJTPA	ESSEX	ORANGE CITY	07000638	3.44	Scotland Road	07221877	0.35	Tremont Avenue	3	0	0	2	1	0	County	43.92	4.16
177	474	NJTPA	ESSEX	MONTCLAIR TWP	07000623	3.12	Grove Street	07000642	0.37	Mt Hebron Road	3	0	0	2	1	0	County	43.92	4.16
188	504	NJTPA	ESSEX	NEWARK CITY	00000510	29.18	Market Street	07141317	0.48	Halsey Street	5	0	0	0	4	1	County	43.22	4.00
188	504	NJTPA	ESSEX	NEWARK CITY	00000510	28.84	Springfield Avenue	07141904	0.85	Dr Martin Luther King Jr Boulevard	5	0	0	0	4	1	County	43.22	4.00
188	504	NJTPA	ESSEX	ORANGE CITY	07171141	0.97	Center Street	07171145	0.16	Freeway Dr South	5	0	0	0	4	1	Municipal	43.22	4.00
188	504	NJTPA	ESSEX	NEWARK CITY	00000506S	2.79	Bloomfield Avenue	07051671	0.77	1st Avenue	5	0	0	0	4	1	County	43.22	4.00
188	504	NJTPA	ESSEX	NEWARK CITY	07141917	0.90	Raymond Boulevard	07141317	0.34	Halsey Street	5	0	0	0	4	1	Municipal	43.22	4.00
188	504	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	00000510	24.24	South Orange Avenue	07111787	1.48	North Ridgewood Road	5	0	0	0	4	1	County	43.22	4.00
194	515	NJTPA	ESSEX	NEWARK CITY	07091881	1.30	Clinton Avenue	07141890	0.99	Osborne Terrace	4	0	0	0	4	0	Municipal	42.22	4.00
194	515	NJTPA	ESSEX	NEWARK CITY	00000510	26.17	South Orange Avenue	07051117	0.00	Amherst Street	4	0	0	0	4	0	County	42.22	4.00
194	515	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.21	Bloomfield Avenue	07131358	0.00	Park Street	4	0	0	0	4	0	County	42.22	4.00
194	515	NJTPA	ESSEX	CALDWELL BORO	00000506	2.46	Bloomfield Avenue	07031147	0.00	Park Avenue	4	0	0	0	4	0	County	42.22	4.00
194	515	NJTPA	ESSEX	NEWARK CITY	07000667	1.79	Broadway	07141625	0.00	Montclair Avenue	4	0	0	0	4	0	County	42.22	4.00
194	515	NJTPA	ESSEX	NEWARK CITY	07141885	2.87	Spruce Street	07141904	0.21	Dr Martin Luther King Jr Boulevard	4	0	0	0	4	0	Municipal	42.22	4.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 2019

Crash Filtering Criteria

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			
194	515	NJTPA	ESSEX	NEWARK CITY	07141908	0.00	Jackson Street	07141912	0.86	Lafayette Street	4	0	0	0	4	0	Municipal	42.22	4.00
194	515	NJTPA	ESSEX	NEWARK CITY	07171203	3.58	Market Street	07141900	1.98	Norfolk Street	4	0	0	0	4	0	Municipal	42.22	4.00
194	515	NJTPA	ESSEX	NEWARK CITY	07141903	1.36	South 12th Street	07141233	0.59	16th Avenue	4	0	0	0	4	0	Municipal	42.22	4.00
194	515	NJTPA	ESSEX	MONTCLAIR TWP	07000621	0.24	Valley Road	07131363	0.45	Claremont Avenue	4	0	0	0	4	0	County	42.22	4.00
194	515	NJTPA	ESSEX	NEWARK CITY	00000508	9.94	Central Avenue	07171203	2.92	Market Street	4	0	0	0	4	0	County	42.22	4.00
205	537	NJTPA	ESSEX	IRVINGTON TWP	07091881	0.11	Clinton Avenue	07091827	0.76	Washington Avenue	5	0	0	1	2	2	Municipal	39.79	3.58
206	543	NJTPA	ESSEX	NEWARK CITY	07000603	2.91	Springfield Avenue	07141895	2.24	Bergen Street	4	0	0	1	2	1	County	38.79	3.58
206	543	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.53	Springfield Avenue	00000509	10.33	Grove Street	4	0	0	1	2	1	County	38.79	3.58
206	543	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.11	Central Avenue	07051160	0.19	Cambridge Street	4	0	0	1	2	1	County	38.79	3.58
206	543	NJTPA	ESSEX	MONTCLAIR TWP	07131363	1.10	Claremont Avenue	07131034	0.20	Greenwood Avenue	4	0	0	1	2	1	Municipal	38.79	3.58
210	560	NJTPA	ESSEX	EAST ORANGE CITY	07171874	0.91	William Street	07051809	1.10	South Oratun Parkway	3	0	0	1	2	0	Municipal	37.79	3.58
210	560	NJTPA	ESSEX	MONTCLAIR TWP	07000655	1.27	Watchung Avenue	07000623	1.53	Grove Street	3	0	0	1	2	0	County	37.79	3.58
210	560	NJTPA	ESSEX	NEWARK CITY	00000508	10.89	Central Avenue	07141919	1.13	Sussex Avenue	3	0	0	1	2	0	County	37.79	3.58
210	560	NJTPA	ESSEX	EAST ORANGE CITY	07171203	1.94	Dr Martin Luther King Jr Boulevard	00000509	12.61	South Grove Street	3	0	0	1	2	0	County	37.79	3.58
210	560	NJTPA	ESSEX	NEWARK CITY	07141923	0.30	8th Avenue	07141900	2.67	Clifton Avenue	3	0	0	1	2	0	Municipal	37.79	3.58
210	560	NJTPA	ESSEX	NEWARK CITY	07141885	2.46	18th Avenue	07141900	1.11	Irvine Turner Boulevard	3	0	0	1	2	0	Municipal	37.79	3.58
210	560	NJTPA	ESSEX	NEWARK CITY	07141895	0.62	Bergen Street	07141073	0.35	Renner Street	3	0	0	1	2	0	Municipal	37.79	3.58
210	560	NJTPA	ESSEX	MILLBURN TWP	00000527	70.53	Millburn Avenue	07121128	0.07	Short Hills Avenue	3	0	0	1	2	0	County	37.79	3.58
210	560	NJTPA	ESSEX	NEWARK CITY	07141900	0.31	Irvine Turner Boulevard	07141098	0.43	East Bigelow Street	3	0	0	1	2	0	Municipal	37.79	3.58
210	560	NJTPA	ESSEX	NEWARK CITY	07141912	0.99	Lafayette Street	07141353	0.61	Pulaski Street	3	0	0	1	2	0	Municipal	37.79	3.58
210	560	NJTPA	ESSEX	IRVINGTON TWP	07000602	0.67	Lyons Avenue	07091176	0.00	Chester Avenue	3	0	0	1	2	0	County	37.79	3.58
210	560	NJTPA	ESSEX	IRVINGTON TWP	07000601	0.45	Chancellor Avenue	07000619	0.77	Stuyvesant Avenue	3	0	0	1	2	0	County	37.79	3.58
210	560	NJTPA	ESSEX	NEWARK CITY	07141925	0.37	7th Avenue	07141591	0.00	Colonnade Place	3	0	0	1	2	0	Municipal	37.79	3.58
210	560	NJTPA	ESSEX	MILLBURN TWP	00000577	0.68	Main Street	07121230	0.28	Ridgewood Road	3	0	0	1	2	0	Municipal	37.79	3.58
210	560	NJTPA	ESSEX	NEWARK CITY	07141929	0.40	2nd Avenue	07141542	1.57	Summer Avenue	3	0	0	1	2	0	Municipal	37.79	3.58
210	560	NJTPA	ESSEX	NEWARK CITY	07141865	0.60	Broad Street	07141365	0.00	Pennington Street	3	0	0	1	2	0	Municipal	37.79	3.58
210	560	NJTPA	ESSEX	NEWARK CITY	07141865	2.21	Broad Street	00000280_W	14.26	I-280	3	0	0	1	2	0	Municipal	37.79	3.58
210	560	NJTPA	ESSEX	MONTCLAIR TWP	00000506	5.81	Bloomfield Avenue	07221445	1.89	South Mountain Avenue	3	0	0	1	2	0	County	37.79	3.58
210	560	NJTPA	ESSEX	NEWARK CITY	000005065	3.25	Bloomfield Avenue	07141559	0.35	Highland Avenue	3	0	0	1	2	0	County	37.79	3.58
210	560	NJTPA	ESSEX	NEWARK CITY	07000667	1.10	Broadway	07141596	0.15	Chester Avenue	3	0	0	1	2	0	County	37.79	3.58
210	560	NJTPA	ESSEX	BELLEVILLE TWP	00000506	9.38	Belleville Avenue	07000645	1.08	Franklin Avenue	3	0	0	1	2	0	County	37.79	3.58
210	560	NJTPA	ESSEX	IRVINGTON TWP	07091822	0.00	Mill Road	07000619	0.31	Stuyvesant Avenue	3	0	0	1	2	0	County	37.79	3.58
210	560	NJTPA	ESSEX	BELLEVILLE TWP	00000506	9.72	Belleville Avenue	07011043	0.00	Garden Avenue	3	0	0	1	2	0	County	37.79	3.58
210	560	NJTPA	ESSEX	NUTLEY TWP	07011283	1.35	Passaic Avenue	07161284	0.30	Chestnut Street	3	0	0	1	2	0	Municipal	37.79	3.58
210	560	NJTPA	ESSEX	NEWARK CITY	07091881	0.81	Clinton Avenue	07141216	1.42	South 17th Street	3	0	0	1	2	0	Municipal	37.79	3.58
210	560	NJTPA	ESSEX	VERONA TWP	00000506	4.34	Bloomfield Avenue	07000636	4.88	Lakeside Avenue	3	0	0	1	2	0	County	37.79	3.58
236	645	NJTPA	ESSEX	NEWARK CITY	07000603	1.99	Springfield Avenue	07141872	1.76	South 18th Street	3	0	0	2	0	1	County	34.36	3.16
236	645	NJTPA	ESSEX	NEWARK CITY	07141868	0.87	Raymond Boulevard	07141441	0.27	Lister Avenue	3	0	0	2	0	1	Municipal	34.36	3.16
238	654	NJTPA	ESSEX	BELLEVILLE TWP	07011283	0.34	Passaic Avenue	07011150	0.00	Greylock Place	2	0	0	2	0	0	Municipal	33.36	3.16
238	654	NJTPA	ESSEX	NEWARK CITY	07000602	1.61	Lyons Avenue	07141998	0.37	Clinton Place	2	0	0	2	0	0	County	33.36	3.16
238	654	NJTPA	ESSEX	NUTLEY TWP	07000645	2.45	Franklin Avenue	07161067	0.42	Harrison Street	2	0	0	2	0	0	County	33.36	3.16
238	654	NJTPA	ESSEX	NEWARK CITY	00000510	26.67	South Orange Avenue	07141736	0.00	Chelsea Avenue	2	0	0	2	0	0	County	33.36	3.16
242	692	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	00000510	25.07	South Orange Avenue	07191018	0.71	Ward Place	4	0	0	3	1	1	County	32.66	3.00
242	692	NJTPA	ESSEX	NEWARK CITY	07141915	0.71	University Avenue	07141310	0.24	Academy Street	4	0	0	0	3	1	Municipal	32.66	3.00
242	692	NJTPA	ESSEX	NEWARK CITY	07000658	3.07	Park Avenue	07141920	1.47	North 6th Street	4	0	0	0	3	1	County	32.66	3.00
242	692	NJTPA	ESSEX	EAST ORANGE CITY	07000605	2.32	Sanford Street	07051832	0.21	Elmwood Avenue	4	0	0	0	3	1	County	32.66	3.00
242	692	NJTPA	ESSEX	NEWARK CITY	07091883	0.50	15th Avenue	07141214	0.25	South 15th Street	4	0	0	0	3	1	Municipal	32.66	3.00
242	692	NJTPA	ESSEX	NEWARK CITY	07141926	0.50	Mount Prospect Avenue	07141929	0.29	2nd Avenue	4	0	0	0	3	1	Municipal	32.66	3.00
242	692	NJTPA	ESSEX	NEWARK CITY	07141844	0.57	Ferry Street	07141354	0.12	Polk Street	4	0	0	0	3	1	Municipal	32.66	3.00
242	692	NJTPA	ESSEX	NEWARK CITY	07141885	0.55	18th Avenue	07141717	0.13	Melrose Avenue	4	0	0	0	3	1	Municipal	32.66	3.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
242	692	NJTPA	ESSEX	ORANGE CITY	07171203	0.31	Main Street	07171141	1.17	Center Street	4	0	0	0	3	1	County	32.66	3.00
242	692	NJTPA	ESSEX	NEWARK CITY	07141865	1.48	Broad Street	07141917	0.99	Raymond Boulevard	4	0	0	0	3	1	Municipal	32.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	07141865	1.98	Broad Street	07141916	1.41	Washington Street	3	0	0	0	3	0	Municipal	31.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	07000602	1.72	Lyons Avenue	07141888	0.43	Maple Avenue	3	0	0	0	3	0	County	31.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	07141844	0.82	Ferry Street	07141941	0.00	Somme Street	3	0	0	0	3	0	Municipal	31.66	3.00
252	713	NJTPA	ESSEX	BELLEVILLE TWP	07000670	0.32	Franklin Street	07011210	0.26	Belmont Avenue	3	0	0	0	3	0	County	31.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	07141865	1.45	Broad Street	07141494	0.29	Commerce Street	3	0	0	0	3	0	Municipal	31.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	000005065	2.86	Bloomfield Avenue	07141648	0.27	4th Street	3	0	0	0	3	0	County	31.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	07000667	1.40	Broadway	07141931	0.54	Elwood Avenue	3	0	0	0	3	0	County	31.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	00000510	27.94	South Orange Avenue	07141227	0.93	North 4th Street	3	0	0	0	3	0	County	31.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	00000510	28.00	South Orange Avenue	07141976	0.00	Fairmount Avenue	3	0	0	0	3	0	County	31.66	3.00
252	713	NJTPA	ESSEX	EAST ORANGE CITY	07051823	1.30	South Clinton Street	07171145	0.99	Freeway Dr South	3	0	0	0	3	0	Municipal	31.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	00000510	26.53	South Orange Avenue	07141705	0.00	West End Avenue	3	0	0	0	3	0	County	31.66	3.00
252	713	NJTPA	ESSEX	MONTCLAIR TWP	07000620	0.90	Upper Mountain Avenue	07000618	0.96	Normal Avenue	3	0	0	0	3	0	County	31.66	3.00
252	713	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.21	Springfield Avenue	07091821	0.73	40th Street	3	0	0	0	3	0	County	31.66	3.00
252	713	NJTPA	ESSEX	ORANGE CITY	07171203	0.10	Main Street	07171068	0.79	Cleveland Street	3	0	0	0	3	0	Municipal	31.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	07141917	0.83	Raymond Boulevard	07141916	0.93	Washington Street	3	0	0	0	3	0	Municipal	31.66	3.00
252	713	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.62	Springfield Avenue	07091010	0.89	Lyons Avenue	3	0	0	0	3	0	County	31.66	3.00
252	713	NJTPA	ESSEX	WEST ORANGE TWP	07000660	0.42	Mt Pleasant Avenue	07221166	0.00	Brennan Drive	3	0	0	0	3	0	County	31.66	3.00
252	713	NJTPA	ESSEX	BELLEVILLE TWP	07000645	2.03	Franklin Avenue	07011065	1.24	Chestnut Street	3	0	0	0	3	0	County	31.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	07141311	0.16	Bank Street	07141317	0.41	Halsey Street	3	0	0	0	3	0	Municipal	31.66	3.00
252	713	NJTPA	ESSEX	IRVINGTON TWP	07091881	0.29	Clinton Avenue	07091006	0.23	Maple Avenue	3	0	0	0	3	0	Municipal	31.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	07141905	1.48	Wilson Avenue	07141451	0.12	Avenue P	3	0	0	0	3	0	Municipal	31.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	07141907	0.54	Van Buren Street	07091883	3.13	Walnut Street	3	0	0	0	3	0	Municipal	31.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	07141925	0.42	7th Avenue	07141558	0.33	Mt Prospect Avenue	3	0	0	0	3	0	Municipal	31.66	3.00
252	713	NJTPA	ESSEX	MONTCLAIR TWP	07131358	1.97	Park Street	07131687	0.57	Bellevue Avenue	3	0	0	0	3	0	Municipal	31.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	07141376	0.66	Elm Street	07141234	0.04	Pacific Street	3	0	0	0	3	0	Municipal	31.66	3.00
252	713	NJTPA	ESSEX	ORANGE CITY	07221877	0.47	Tremont Avenue	07171094	0.19	Lincoln Avenue	3	0	0	0	3	0	Municipal	31.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	07000602	1.29	Lyons Avenue	07141165	0.53	Leslie Street	3	0	0	0	3	0	County	31.66	3.00
252	713	NJTPA	ESSEX	NEWARK CITY	07141921	0.29	Roseville Avenue	07141523	0.00	Freeway Drive	3	0	0	0	3	0	Municipal	31.66	3.00
280	784	NJTPA	ESSEX	IRVINGTON TWP	07000665	1.90	Clinton Avenue	07091101	0.00	Civic Sq	5	0	0	1	1	3	County	30.24	2.58
280	784	NJTPA	ESSEX	NEWARK CITY	000005065	3.70	Bloomfield Avenue	07141542	2.00	Summer Avenue	5	0	0	1	1	3	County	30.24	2.58
282	790	NJTPA	ESSEX	NEWARK CITY	07141926	1.93	Mount Prospect Avenue	07141927	0.26	Verona Avenue	4	0	0	1	1	2	Municipal	29.24	2.58
282	790	NJTPA	ESSEX	ORANGE CITY	07000638	4.81	High Street	07171079	0.20	White Street	4	0	0	1	1	2	County	29.24	2.58
284	798	NJTPA	ESSEX	BELLEVILLE TWP	07000670	0.20	Franklin Street	07011207	0.24	Frederick Street	3	0	0	1	1	1	County	28.24	2.58
284	798	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.37	Central Avenue	07051124	0.26	South Burnet Street	3	0	0	1	1	1	County	28.24	2.58
284	798	NJTPA	ESSEX	NEWARK CITY	07000602	1.52	Lyons Avenue	07141148	0.35	Aldine Street	3	0	0	1	1	1	County	28.24	2.58
284	798	NJTPA	ESSEX	IRVINGTON TWP	07091827	0.18	Cleremont Avenue	07091184	0.23	Fern Avenue	3	0	0	1	1	1	Municipal	28.24	2.58
284	798	NJTPA	ESSEX	NEWARK CITY	07141914	0.38	Park Place	07141402	0.15	Edison Place	3	0	0	1	1	1	Municipal	28.24	2.58
284	798	NJTPA	ESSEX	NEWARK CITY	07000602	1.10	Lyons Avenue	07141166	0.00	Stecher Street	3	0	0	1	1	1	County	28.24	2.58
284	798	NJTPA	ESSEX	BELLEVILLE TWP	07000647	0.90	Union Avenue	07011220	0.57	Division Avenue	3	0	0	1	1	1	County	28.24	2.58
284	798	NJTPA	ESSEX	NEWARK CITY	07141906	0.37	South Street	07141368	0.05	Hermon Street	3	0	0	1	1	1	Municipal	28.24	2.58
284	798	NJTPA	ESSEX	MILLBURN TWP	00000577Z	0.24	Essex Street	07121254	0.09	Lackawanna Place	3	0	0	1	1	1	County	28.24	2.58
284	798	NJTPA	ESSEX	NEWARK CITY	00000510	26.01	South Orange Avenue	07051743	0.71	Crawford Street	3	0	0	1	1	1	County	28.24	2.58
294	836	NJTPA	ESSEX	IRVINGTON TWP	07000601	0.52	Chancellor Avenue	07091109	0.45	Nesbit Ter	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	IRVINGTON TWP	07000601	1.21	Chancellor Avenue	07091824	0.32	Chestnut Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141905	0.21	Wilson Avenue	07091883	3.47	Lang Street	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07000601	1.86	Chancellor Avenue	07141889	0.15	Summit Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	EAST ORANGE CITY	07000658	1.68	Park Avenue	07051823	1.84	North Clinton Street	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	MAPLEWOOD TWP	07111787	0.51	Maplewood Avenue	07111159	0.16	Jefferson Avenue	2	0	0	1	1	0	Municipal	27.24	2.58

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 2019

Crash Filtering Criteria

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			
294	836	NJTPA	ESSEX	EAST ORANGE CITY	07051823	0.32	South Clinton Street	07221877	1.78	Tremont Avenue	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.23	Springfield Avenue	07091821	0.76	Florence Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141890	0.62	Osborne Terrace	07141893	0.62	Hawthorne Avenue	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.78	Springfield Avenue	07091102	0.92	Park Place	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141098	0.37	East Bigelow Street	07141102	0.42	Ridgewood Avenue	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07091881	2.66	Lincoln Pike	07141916	0.00	Washington Street	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141553	0.19	East 3rd Avenue	07141542	1.75	Summer Avenue	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141577	0.36	7th Avenue	07141650	0.41	North 7th Street	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	MAPLEWOOD TWP	07000638	1.23	Valley Street	07111159	0.00	Jefferson Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141844	0.68	Ferry Street	07141357	0.26	Alyea Street	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	MONTCLAIR TWP	07000623	2.24	Grove Street	07131687	0.89	Bellevue Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	MONTCLAIR TWP	07131687	0.08	Bellevue Avenue	07131206	0.88	North Mountain Avenue	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	GLEN RIDGE BORO	07000654	0.23	Bay Avenue	07000653	2.07	Ridgewood Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07091881	1.50	Clinton Avenue	07141077	0.52	Chadwick Avenue	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	BELLEVILLE TWP	07000647	0.22	Union Avenue	00000506	10.11	Belleville Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07091881	1.55	Clinton Avenue	07141895	1.39	Bergen Street	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	NUTLEY TWP	07000648	0.46	Centre Street	07011282	2.57	Bloomfield Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07000665	0.50	Irvington Avenue	07191019	0.19	College Place	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	CEDAR GROVE TWP	07000641	0.77	Ridge Road	07041039	0.45	Cedar Street	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	MONTCLAIR TWP	07000655	1.63	Watchung Avenue	07131116	0.40	North Fullerton Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	IRVINGTON TWP	07091030	0.09	Delmar Place	07091709	0.61	Linden Avenue	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	MONTCLAIR TWP	07081356	0.53	Glenridge Avenue	07131014	0.00	Pine Street	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	MONTCLAIR TWP	07131363	0.85	Claremont Avenue	07131023	1.27	North Fullerton Avenue	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	MONTCLAIR TWP	07131363	0.33	Claremont Avenue	07131206	2.45	North Mountain Avenue	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	EAST ORANGE CITY	07141876	1.26	North Munn Avenue	07051133	0.09	New Street	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	WEST ORANGE TWP	07000658	0.06	Park Avenue	07221459	0.23	Ashland Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141885	0.42	18th Avenue	07141705	0.51	West End Avenue	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07000603	2.21	Springfield Avenue	07141210	0.57	South 14th Street	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	MONTCLAIR TWP	07000621	2.08	Valley Road	07131206	0.71	Lorraine Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	MILLBURN TWP	00000577	0.47	Main Street	07121222	0.22	Willow Street	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07000667	1.24	Broadway	07141605	0.19	Delavan Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141865	1.83	Broad Street	07141318	0.10	Washington Place	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	MONTCLAIR TWP	07131363	1.49	Claremont Avenue	07131362	1.04	Walnut Crescent	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141865	0.68	Broad Street	07141328	0.00	Camp Avenue	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.94	Central Avenue	07051809	0.36	South Oraton Parkway	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.71	Central Avenue	07051737	0.11	Freeman Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.51	Central Avenue	07051139	0.59	Shepard Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141922	1.04	Orange Street	07141923	0.15	Nesbitt Street	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.93	Bloomfield Avenue	07131503	0.46	Maple Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141922	0.33	Orange Street	07141922	0.34	Orange Street	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	VERONA TWP	00000506	5.22	Bloomfield Avenue	00000577	9.96	Mt Prospect Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	CALDWELL BORO	00000506	2.52	Bloomfield Avenue	07031146	0.00	Smull Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141920	1.64	North 6th Street	07141675	0.13	6th Avenue	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141926	1.61	Mount Prospect Avenue	07141932	0.26	Grafton Avenue	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	MAPLEWOOD TWP	00000124	14.08	Springfield Avenue	07111018	0.06	Tuscan Street	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	00000510	26.62	South Orange Avenue	07141708	0.00	Isabella Avenue	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	15.62	Franklin Street	07021869	0.09	Municipal Plaza	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	IRVINGTON TWP	00000509	10.57	Grove Street	07091011	0.05	Berkeley Ter	2	0	0	1	1	0	County	27.24	2.58
294	836	NJTPA	ESSEX	MAPLEWOOD TWP	00000124	13.63	Springfield Avenue	07111797	0.00	Prospect Street	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141928	0.49	Lake Street	07141929	0.00	2nd Avenue	2	0	0	1	1	0	Municipal	27.24	2.58

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
294	836	NJTPA	ESSEX	NEWARK CITY	07141912	0.56	Lafayette Street	07141371	0.28	Prospect Street	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141912	0.50	Lafayette Street	07141342	0.11	Union Street	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141911	0.37	William Street	07141904	0.75	Dr Martin Luther King Jr Boulevard	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141907	0.78	Van Buren Street	07141383	0.75	Oliver Street	2	0	0	1	1	0	Municipal	27.24	2.58
294	836	NJTPA	ESSEX	NEWARK CITY	07141915	0.26	University Avenue	07141924	0.11	James Street	2	0	0	1	1	0	Municipal	27.24	2.58
355	1,060	NJTPA	ESSEX	NEWARK CITY	07141865	1.27	Broad Street	07141288	0.36	Branford Place	4	0	0	0	2	2	Municipal	23.11	2.00
355	1,060	NJTPA	ESSEX	ORANGE CITY	07000658	0.43	Park Avenue	07000638	4.95	High Street	4	0	0	0	2	2	County	23.11	2.00
355	1,060	NJTPA	ESSEX	NEWARK CITY	00000510	28.43	South Orange Avenue	07141900	1.73	Norfolk Street	4	0	0	0	2	2	County	23.11	2.00
358	1,075	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07000665	0.10	Irvington Avenue	07111797	1.88	Prospect Street	3	0	0	0	2	1	County	22.11	2.00
358	1,075	NJTPA	ESSEX	BLOOMFIELD TWP	07000652	0.00	Kennedy Drive	00000506	8.19	Belleville Avenue	3	0	0	0	2	1	County	22.11	2.00
358	1,075	NJTPA	ESSEX	EAST ORANGE CITY	07000658	2.14	Park Avenue	00000509	13.11	North Grove Street	3	0	0	0	2	1	County	22.11	2.00
358	1,075	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	00000510	24.56	South Orange Avenue	07000638	2.22	Scotland Road	3	0	0	0	2	1	County	22.11	2.00
358	1,075	NJTPA	ESSEX	NEWARK CITY	07000602	1.57	Lyons Avenue	07141892	0.00	Clinton Place	3	0	0	0	2	1	County	22.11	2.00
358	1,075	NJTPA	ESSEX	EAST ORANGE CITY	07051824	0.26	South Arlington Avenue	07051122	0.34	Chestnut Street	3	0	0	0	2	1	Municipal	22.11	2.00
358	1,075	NJTPA	ESSEX	CALDWELL BORO	00000506	2.24	Bloomfield Avenue	07000631	0.00	Central Avenue	3	0	0	0	2	1	County	22.11	2.00
358	1,075	NJTPA	ESSEX	NEWARK CITY	07000667	0.57	Broadway	07141929	0.50	2nd Avenue	3	0	0	0	2	1	County	22.11	2.00
358	1,075	NJTPA	ESSEX	NEWARK CITY	07141906	0.57	South Street	07141910	0.00	Pacific Street	3	0	0	0	2	1	Municipal	22.11	2.00
358	1,075	NJTPA	ESSEX	NEWARK CITY	07141922	0.19	Orange Street	07141655	0.00	Bathgate Place	3	0	0	0	2	1	Municipal	22.11	2.00
368	1,131	NJTPA	ESSEX	BELLEVILLE TWP	07011111	0.86	Cortland Street	07011001	0.15	Joralemon Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	BELLEVILLE TWP	07000670	0.52	Franklin Street	07141650	2.23	North 7th Street	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	BELLEVILLE TWP	07011283	0.00	Passaic Avenue	07011282	1.01	Joralemon Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141920	0.66	North 6th Street	07141662	0.04	Abington Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	BLOOMFIELD TWP	00000506S	1.39	Bloomfield Avenue	07021051	0.29	Ella Street	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07051798	2.07	Parkway Dr West	07141746	0.11	Tremont Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	BLOOMFIELD TWP	00000506S	2.20	Bloomfield Avenue	07021358	0.00	North 15th Street	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	EAST ORANGE CITY	07051832	0.41	Elmwood Avenue	07051129	1.56	Hulsted Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	EAST ORANGE CITY	07051870	0.46	Springdale Avenue	07081023	1.28	Midland Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	00000506S	3.98	Broadway	07141544	0.00	Clark Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141920	1.13	North 6th Street	07141666	0.13	3rd Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141921	1.34	Roseville Avenue	07051871	0.52	2nd Avenue West	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	EAST ORANGE CITY	07000658	2.08	Park Avenue	07000658	2.07	Park Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07000658	3.52	Park Avenue	07141624	1.93	Parker Street	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07000658	3.67	Park Avenue	07141926	0.00	Mount Prospect Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07000658	3.77	Park Avenue	07141579	0.00	Cutler Street	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07000658	3.84	Park Avenue	07141542	2.07	Summer Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	ORANGE CITY	07000659	0.19	Main Street	07171053	0.00	Manor Ter	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	07000665	1.65	Clinton Avenue	07141794	0.51	Hillside Ter	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141895	0.75	Bergen Street	07141079	0.04	Hawthorn Place	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141894	0.00	Hawthorne Avenue	07141974	0.19	Johnson Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	MONTCLAIR TWP	07000669	1.02	Orange Road	07131234	0.25	Irving Street	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141886	0.36	Meecker Avenue	07141038	0.31	Empire Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07091882	1.13	Avon Avenue	07141100	0.42	Jeliff Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07091883	2.64	Walnut Street	07141343	0.37	Mcwhorter Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	MAPLEWOOD TWP	07111794	0.45	Parker Avenue	07111797	1.06	Prospect Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07111797	1.68	Prospect Street	07191013	0.28	Village Road	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	ORANGE CITY	00000508	7.10	Central Avenue	07171094	0.80	Lincoln Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.30	Central Avenue	07051823	0.92	South Clinton Street	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	07141885	0.69	18th Avenue	07091709	0.83	Columbia Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	07141885	0.64	18th Avenue	07141708	0.53	Isabella Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.61	Central Avenue	07141739	0.70	Arsdale Place	2	0	0	0	2	0	County	21.11	2.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
368	1,131	NJTPA	ESSEX	MONTCLAIR TWP	07131252	0.37	Hillside Avenue	07131506	0.12	Church Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	MONTCLAIR TWP	07131254	0.00	The Crescent	07131023	0.96	North Fullerton Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	VERONA TWP	00000506	4.90	Bloomfield Avenue	07201052	0.15	Brookdale Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	MONTCLAIR TWP	00000506	5.59	Bloomfield Avenue	07131211	0.00	Lloyd Road	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141885	3.02	Spruce Street	07141916	0.06	Washington Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	07091822	1.64	Union Avenue	07091880	0.36	Nye Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	07091880	0.35	Nye Avenue	07091054	0.00	New Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141922	1.47	Orange Street	07141915	0.12	University Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07091881	2.60	Clinton Avenue	07141966	0.09	Thomas Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	07141885	1.18	18th Avenue	07091806	0.00	21st Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07091882	0.58	Avon Avenue	07141189	1.77	South 10th Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141895	1.09	Bergen Street	07141092	0.33	West Runyan Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141910	0.44	Pacific Street	07141391	0.30	Cottage Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141905	0.28	Wilson Avenue	07141417	0.00	Darcy Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07000603	3.13	Springfield Avenue	07141247	0.00	Sayre Street	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	07000605	0.35	Sanford Avenue	07000665	1.56	Clinton Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07000605	0.78	Sandford Avenue	07091780	0.18	Mt Vernon Place	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.90	Springfield Avenue	07091100	0.00	Smith Street	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	07000601	0.26	Chancellor Avenue	07091821	0.47	40th Street	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141906	0.46	South Street	07141363	0.09	Dawson Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	07000602	0.03	Lyons Avenue	07091096	0.00	Wilson Place	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	07000602	0.16	Lyons Avenue	07091109	0.91	Nesbit Ter	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141912	0.61	Lafayette Street	07141370	0.09	Congress Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141913	1.24	Chestnut Street	07141353	0.20	Pulaski Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141916	0.48	Washington Street	07141290	0.31	Franklin Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	BELLEVILLE TWP	07000647	0.00	Union Avenue	07141926	2.14	Mount Prospect Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	LIVINGSTON TWP	07000649	4.00	South Livingston Avenue	00000508	1.73	East Northfield Road	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	MONTCLAIR TWP	07000655	1.51	Watchung Avenue	07131044	0.00	Waterbury Road	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141895	2.43	Bergen Street	07091883	1.15	15th Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141916	1.01	Washington Street	07141514	0.46	Warren Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141895	1.91	Bergen Street	07141199	0.00	Muhammad Ali Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	ORANGE CITY	07000658	0.64	Park Avenue	07171029	0.29	South Day Street	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	EAST ORANGE CITY	07000658	1.44	Park Avenue	07051828	1.08	Prospect Street	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	MONTCLAIR TWP	07000621	2.95	Valley Road	07000642	0.00	Mt Hebron Road	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	07000619	1.98	Stuyvesant Avenue	07091825	0.00	Madison Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141900	2.79	Clifton Avenue	07141925	0.47	7th Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141912	0.70	Lafayette Street	07141373	0.00	Madison Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	MONTCLAIR TWP	07000621	0.30	Valley Road	07131362	0.00	Walnut Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	07141885	0.86	18th Avenue	07141878	0.68	Washington Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	00000509	11.11	Grove Street	07141233	1.14	16th Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	14.07	Grove Street	07021288	0.00	Chester Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	00000509	10.21	Grove Street	07141217	0.39	Hopkins Place	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	EAST ORANGE CITY	07171874	1.41	William Street	07171874	1.40	William Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	00000510	27.30	South Orange Avenue	07141872	2.66	South 18th Street	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	ORANGE CITY	07171203	0.16	Main Street	07171078	0.21	Essex Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	00000510	25.90	South Orange Avenue	07141733	0.19	Hazelwood Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141221	0.00	South 8th Street	07141235	0.62	14th Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141222	0.78	South 7th Street	07141235	0.57	14th Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141362	0.69	Jefferson Street	07141383	0.49	Oliver Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07221877	2.16	Tremont Avenue	07051737	0.57	Freeman Avenue	2	0	0	0	2	0	Municipal	21.11	2.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141844	0.62	Ferry Street	07141358	0.11	Merchant Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	00000508	10.53	Central Avenue	07141535	0.20	Newark Street	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141928	1.32	Lake Street	07141931	0.00	Elwood Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141353	0.56	Pulaski Street	07141376	0.18	Elm Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141865	2.38	Broad Street	00000506SZ	0.00	Broad Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	00000510	27.19	South Orange Avenue	07051691	0.59	South 20th Street	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	EAST ORANGE CITY	07171203	1.60	Dr Martin Luther King Jr Boulevard	07141876	1.14	North Munn Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141334	0.20	Astor Street	07141119	0.25	Pennsylvania Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141931	0.39	Elwood Avenue	07141542	0.75	Summer Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141872	2.51	South 18th Street	07141235	1.12	14th Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	MILLBURN TWP	00000577	1.57	Wyoming Avenue	07121256	1.14	Glen Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141362	0.40	Jefferson Street	07141376	0.53	Elm Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141876	0.22	North Munn Avenue	07221877	2.26	Tremont Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	07141878	0.45	Washington Avenue	07091802	1.04	Myrtle Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141885	0.36	18th Avenue	07141712	0.14	Alexander Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141844	1.41	Ferry Street	07141457	0.16	Richards Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141706	0.34	Brookdale Avenue	07141719	0.08	Abinger Place	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	00000510	25.71	South Orange Avenue	07141757	0.00	Longfellow Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141514	0.23	Warren Street	07141904	1.18	Dr Martin Luther King Jr Boulevard	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	EAST ORANGE CITY	07171874	0.94	William Street	07051798	0.89	Oraton Parkway	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	EAST ORANGE CITY	07171874	1.50	William Street	07051129	0.64	Lincoln Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07171203	3.53	Market Street	07141241	0.77	12th Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141444	0.02	Fleming Avenue	07141434	0.00	Providence Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	MONTCLAIR TWP	07131359	0.11	Upper Mountain Avenue	07131363	0.22	Claremont Avenue	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	IRVINGTON TWP	00000509	11.24	Grove Street	07091883	0.14	15th Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	00000510	25.77	South Orange Avenue	07141758	0.22	Monticello Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	EAST ORANGE CITY	07171203	1.43	Dr Martin Luther King Jr Boulevard	07051132	0.00	Winnans Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	EAST ORANGE CITY	07171830	0.62	Glenwood Avenue	07051087	0.40	Eastwood Street	2	0	0	0	2	0	Municipal	21.11	2.00
368	1,131	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	16.19	Broad Street	00000506	7.93	Belleville Avenue	2	0	0	0	2	0	County	21.11	2.00
368	1,131	NJTPA	ESSEX	NEWARK CITY	07141235	0.92	14th Avenue	07141215	0.24	South 14th Street	2	0	0	0	2	0	Municipal	21.11	2.00
480	1,463	NJTPA	ESSEX	LIVINGSTON TWP	07000649	5.16	South Livingston Avenue	07101074	0.00	Brookside Avenue	2	0	0	1	0	1	County	17.68	1.58
480	1,463	NJTPA	ESSEX	NEWARK CITY	07141241	0.34	12th Avenue	07141227	0.62	North 4th Street	2	0	0	1	0	1	Municipal	17.68	1.58
480	1,463	NJTPA	ESSEX	NUTLEY TWP	07011283	1.89	Passaic Avenue	07161048	0.48	Rutgers Place	2	0	0	1	0	1	Municipal	17.68	1.58
480	1,463	NJTPA	ESSEX	BLOOMFIELD TWP	070518231	0.64	John F Kennedy Drive	00000509	15.51	Franklin Street	2	0	0	1	0	1	County	17.68	1.58
480	1,463	NJTPA	ESSEX	NEWARK CITY	07141891	1.36	Elizabeth Avenue	07141099	0.33	West Peddie Avenue	2	0	0	1	0	1	Municipal	17.68	1.58
480	1,463	NJTPA	ESSEX	ORANGE CITY	07191831	2.89	Washington Street	07171029	0.00	South Day Street	2	0	0	1	0	1	Municipal	17.68	1.58
480	1,463	NJTPA	ESSEX	NUTLEY TWP	07000645	3.02	Franklin Avenue	07161284	0.00	Chestnut Street	2	0	0	1	0	1	County	17.68	1.58
480	1,463	NJTPA	ESSEX	MAPLEWOOD TWP	00000124	14.24	Springfield Avenue	07111796	0.89	Tuscan Road	2	0	0	1	0	1	Municipal	17.68	1.58
480	1,463	NJTPA	ESSEX	GLEN RIDGE BORO	07000653	1.79	Ridgewood Avenue	07081040	0.68	Highland Avenue	2	0	0	1	0	1	County	17.68	1.58
480	1,463	NJTPA	ESSEX	MAPLEWOOD TWP	07111127	0.19	Dunnell Road	07111132	0.36	Oakland Road	2	0	0	1	0	1	Municipal	17.68	1.58
480	1,463	NJTPA	ESSEX	NEWARK CITY	07091880	1.09	Nye Avenue	07141872	0.97	Fabyan Place	2	0	0	1	0	1	Municipal	17.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141912	0.76	Lafayette Street	07141372	0.34	Monroe Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	BELLEVILLE TWP	07000647	0.57	Union Avenue	07011129	0.59	Holmes Street	1	0	0	0	1	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141537	0.14	Morris Avenue	07141515	0.41	New Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	BLOOMFIELD TWP	07171830	1.61	Glenwood Avenue	07021313	0.00	Llewellyn Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	EAST ORANGE CITY	07141739	0.36	Nassau Place	07051142	0.20	Rhode Island Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NUTLEY TWP	07000648	1.14	Centre Street	07161079	0.00	Brookline Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	VERONA TWP	07000639	0.36	Grove Avenue	07201109	0.00	Midwood Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	ORANGE CITY	07000638	3.73	Scotland Road	07171008	0.00	Mountain View Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141719	0.00	Abinger Place	07141711	0.24	Sunset Avenue	1	0	0	1	0	0	Municipal	16.68	1.58

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141513	0.06	Linden Street	07141317	0.22	Halsey Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	BELLEVILLE TWP	07000647	0.15	Union Avenue	07011082	0.12	Williams Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	BELLEVILLE TWP	07000645	1.63	Franklin Avenue	07011025	0.30	Continental Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	MAPLEWOOD TWP	07000638	0.71	Valley Street	07111792	0.86	Baker Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	MAPLEWOOD TWP	07000638	0.63	Valley Street	07111796	0.00	Tuscan Road	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NUTLEY TWP	07161026	0.00	Weston Avenue	07161019	0.51	Grant Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	WEST ORANGE TWP	07000636	3.82	Pleasant Valley Way	07221266	0.00	Mayfair Drive	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	WEST ORANGE TWP	07000636	3.19	Pleasant Valley Way	07000611	2.16	Eagle Rock Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07000638	2.41	Scotland Road	07191040	0.27	Ralston Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	EAST ORANGE CITY	07171827	1.05	Dodd Street	07051828	1.94	Prospect Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	BELLEVILLE TWP	07000647	0.05	Union Avenue	07011085	0.04	Union Ter	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	ESSEX FELS BORO	07000633	0.43	Runnymede Road	07061148	0.00	Brookside Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	FAIRFIELD BORO	07000626	0.83	Horseneck Road	07071023	0.00	Big Peice Road	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.70	Springfield Avenue	07091109	1.09	Nesbit Ter	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NUTLEY TWP	07161192	0.12	Chestnut Street	07161191	0.58	Hillside Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141865	2.29	Broad Street	07141569	0.00	8th Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141910	0.39	Pacific Street	07141390	0.28	Warwick Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.21	Springfield Avenue	07091045	0.00	Brookside Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	ORANGE CITY	07171108	0.17	Olcott Street	07171104	0.09	Parkview Ter	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NUTLEY TWP	07161137	0.33	Ackerman Street	07161067	0.71	Harrison Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141905	0.00	Wilson Avenue	07141358	0.10	Merchant Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07000602	1.34	Lyons Avenue	07141066	0.00	Hobson Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141865	1.79	Broad Street	07141498	0.00	Fulton Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	ORANGE CITY	07171030	0.00	Henry Street	07171141	0.83	South Center Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	IRVINGTON TWP	07000601	0.97	Chancellor Avenue	07091163	0.16	Osborne Place	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	ORANGE CITY	07171031	0.00	Jackson Street	07171078	0.68	Essex Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141865	1.44	Broad Street	07141310	0.00	Academy Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NUTLEY TWP	07161285	0.33	Park Avenue	07161039	0.00	Myrtle Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07000601	2.19	Chancellor Avenue	07141888	0.16	Maple Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141865	2.06	Broad Street	07141922	1.56	Orange Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141865	1.15	Broad Street	07141911	0.00	William Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NUTLEY TWP	07161284	0.10	Chestnut Street	07161182	0.35	Vincent Place	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	ORANGE CITY	07171047	0.16	Snyder Street	07171141	1.44	Center Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NUTLEY TWP	07161284	0.06	Chestnut Street	07161185	0.00	Warren Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NUTLEY TWP	07000624	0.53	River Road	07161019	0.00	Grant Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	IRVINGTON TWP	07000619	0.68	Stuyvesant Avenue	07091133	0.00	Glorieux Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141900	5.07	Clifton Avenue	07141927	0.20	Verona Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07171203	2.82	Market Street	07141650	0.00	North 7th Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07171203	2.89	Market Street	07141920	2.27	North 6th Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141844	0.73	Ferry Street	07141356	0.00	Wall Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MONTCLAIR TWP	07000621	1.89	Valley Road	07131143	0.00	Cooper Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	MONTCLAIR TWP	07000621	2.24	Valley Road	07131112	0.00	Jerome Place	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	MONTCLAIR TWP	07000623	1.72	Grove Street	07131046	0.14	Gordonhurst Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141844	0.08	Ferry Street	07141343	0.00	Mcwhorter Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	IRVINGTON TWP	07000619	0.19	Stuyvesant Avenue	07091828	0.00	Boyden Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141846	0.41	Market Street	07141362	0.00	Jefferson Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	ORANGE CITY	07171203	0.38	Main Street	07171045	0.00	Canfield Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NUTLEY TWP	07161067	0.13	Harrison Street	07011146	0.10	Newark Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07000605	1.04	Sandford Avenue	07191766	0.54	Underwood Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07000605	1.89	Sandford Avenue	07141749	0.00	Lanark Avenue	1	0	0	1	0	0	County	16.68	1.58

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
491	1,551	NJTPA	ESSEX	EAST ORANGE CITY	07000605	2.04	Sanford Street	07221877	1.48	Tremont Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	ROSELAND BORO	07000611	4.66	Eagle Rock Avenue	07181051	0.00	Conover Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	FAIRFIELD BORO	07000613	6.12	Two Bridges Road	07071090	0.00	Lane Road	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	FAIRFIELD BORO	07000615	1.78	Fairfield Road	07071118	0.00	Daniel Rd West	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	IRVINGTON TWP	07091879	1.09	Eastern Parkway	07091883	0.00	15th Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MONTCLAIR TWP	07221446	1.72	Gates Avenue	07131270	0.07	Hawthorne Place	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07091880	2.08	Watson Avenue	07141055	0.19	Peshine Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	IRVINGTON TWP	07091881	0.19	Clinton Avenue	07091003	0.00	Howard Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	IRVINGTON TWP	07091881	0.56	Clinton Avenue	07141218	0.33	Montgomery Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	IRVINGTON TWP	07091881	0.63	Clinton Avenue	07091808	0.23	South 20th Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07091881	0.91	Clinton Avenue	07141211	0.71	South 15th Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07091881	1.06	Clinton Avenue	07141903	2.30	South 12th Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141922	0.94	Orange Street	07141900	2.60	Norfolk Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141098	0.26	East Bigelow Street	07141100	0.00	Jeliff Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07091882	0.48	Avon Avenue	07141903	2.01	South 12th Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07091882	0.52	Avon Avenue	07141901	0.28	South 11th Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	BLOOMFIELD TWP	07000651	0.06	Hoover Avenue	07021116	0.00	Valentine Road	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07091780	0.35	Mt Vernon Place	07091786	0.45	Florence Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	IRVINGTON TWP	07091802	0.60	Myrtle Avenue	07091030	0.00	Delmar Place	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	ORANGE CITY	07191831	3.16	Washington Street	07000638	5.38	High Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	WEST ORANGE TWP	07221192	0.09	Chestnut Street	07221186	0.37	Watson Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141886	0.26	Meeker Avenue	07141041	0.00	Noble Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	WEST ORANGE TWP	07221445	0.31	Valley Way	07221224	0.00	Moore Ter	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	IRVINGTON TWP	07091822	0.24	Mill Road	07091129	0.00	Arsdale Ter	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141884	0.08	Valley Street	07141706	0.00	Brookdale Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	IRVINGTON TWP	07091822	1.03	Union Avenue	07091164	0.26	Campfield Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MONTCLAIR TWP	07221446	1.50	Gates Avenue	07131023	0.50	North Fullerton Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	EAST ORANGE CITY	07221877	1.89	Tremont Avenue	07051095	0.31	Eppirt Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	GLEN RIDGE BORO	07131686	0.78	Washington Avenue	07021327	0.00	Washington Place	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MILLBURN TWP	07121052	0.35	Falmouth Street	07121038	0.14	Hartshorn Drive	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MONTCLAIR TWP	07131363	1.52	Claremont Avenue	07000654	0.00	Bay Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MILLBURN TWP	07121128	0.49	Short Hills Avenue	07121129	0.71	Crescent Place	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MONTCLAIR TWP	07131033	0.05	Friendship Place	07131031	0.32	Forest Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MONTCLAIR TWP	07131037	0.20	Montclair Avenue	07131117	0.32	Fairfield Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MONTCLAIR TWP	07131213	0.43	Plymouth Street	07131023	0.89	North Fullerton Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MONTCLAIR TWP	07131358	0.34	Park Street	07131362	0.31	Walnut Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141074	0.05	Eckert Avenue	07141089	0.38	Schuyler Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07091883	0.35	15th Avenue	07141872	2.39	South 18th Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MAPLEWOOD TWP	07111794	1.15	Parker Avenue	07111793	0.30	Boyden Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141021	0.34	Evergreen Place	07141015	0.27	Dayton Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07091883	3.03	Walnut Street	07141909	0.50	Adams Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	LIVINGSTON TWP	07101010	0.00	Ross Road	07101006	0.40	Fordham Road	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MAPLEWOOD TWP	07111051	0.14	Manley Ter	07111048	0.15	Broadview Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MAPLEWOOD TWP	07111139	0.15	Prospect Street	07111018	0.66	Indiana Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141925	0.32	7th Avenue	07141958	0.00	Amity Place	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141890	0.09	Osborne Terrace	07141060	0.49	Lehigh Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MONTCLAIR TWP	07131289	0.22	Draper Avenue	07131279	0.35	Willowdale Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	WEST ORANGE TWP	07000659	0.93	Main Street	07221080	0.00	Lakeside Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	WEST ORANGE TWP	07000659	1.23	Main Street	07000671	0.40	Washington Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07000665	1.14	Irvington Avenue	07141775	0.22	Putnam Street	1	0	0	1	0	0	County	16.68	1.58

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141895	0.66	Bergen Street	07141076	0.35	Custer Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141919	0.25	Sussex Avenue	07141227	0.08	North 4th Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141895	0.37	Bergen Street	07141062	0.14	Harding Ter	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141920	0.29	North 6th Street	07141652	0.00	Delavan Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MONTCLAIR TWP	07000668	0.51	Elm Street	07131215	0.17	Washington Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141891	2.14	Elizabeth Avenue	07091881	2.28	Clinton Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141895	1.52	Bergen Street	07141113	0.78	Madison Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NUTLEY TWP	07000652	1.53	East Passaic Avenue	07161067	1.24	Harrison Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	GLEN RIDGE BORO	07000653	2.97	Ridgewood Avenue	07081053	0.00	Gray Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141431	0.05	Chambers Street	07141360	0.00	Clover Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141426	0.04	Hensler Street	07141356	0.14	Wall Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MONTCLAIR TWP	07000655	1.19	Watchung Avenue	07131041	0.45	Morningside Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	MONTCLAIR TWP	07000655	1.42	Watchung Avenue	07000655	1.43	Watchung Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141360	0.13	Clover Street	07141354	0.26	Polk Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	EAST ORANGE CITY	07000658	1.00	Park Avenue	07191831	2.43	Washington Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07000658	3.42	Park Avenue	07141928	0.00	Lake Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141362	0.08	Jefferson Street	07141361	0.19	Downing Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141891	2.00	Elizabeth Avenue	07141965	0.37	Miller Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	BELLEVILLE TWP	07000670	0.41	Franklin Street	07011651	0.00	Lake Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141233	0.84	16th Avenue	07141216	0.40	South 17th Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141929	0.35	2nd Avenue	07141592	0.68	Garside Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	EAST ORANGE CITY	07051832	0.46	Elmwood Avenue	07051117	0.65	Norwood Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	ORANGE CITY	07171025	0.17	Elm Street	07081023	1.88	Park Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	EAST ORANGE CITY	07051870	1.16	Springdale Avenue	07051353	0.12	Parkway Drive	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07051870	2.09	Springdale Avenue	07141652	1.17	North 11th Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07051870	2.24	Springdale Avenue	07141921	1.08	Roseville Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	EAST ORANGE CITY	07051875	0.21	Freeway Drive East	07051809	0.73	South Oraton Parkway	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	GLEN RIDGE BORO	07081067	0.15	Clark Street	07081001	0.22	Clark Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	CALDWELL BORO	07031145	0.28	Forest Avenue	07031032	0.37	Hatfield Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	BELLEVILLE TWP	07011282	1.26	Joralemon Street	07011073	0.24	Melwex Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	07141920	0.96	North 6th Street	07051871	0.64	2nd Avenue West	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	BELLEVILLE TWP	07011130	0.42	Overlook Avenue	07011174	0.39	Linden Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	BELLEVILLE TWP	07011137	0.29	Tappan Avenue	07011163	0.20	Floyd Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	BELLEVILLE TWP	07011203	0.00	Watchung Avenue	07011212	0.00	Newark Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	BELLEVILLE TWP	07011282	0.26	Joralemon Street	07011086	0.00	Dewitt Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	ORANGE CITY	07191831	0.69	South Center Street	07221877	1.10	Tremont Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NUTLEY TWP	07011282	2.46	Bloomfield Avenue	07161140	0.00	Taft Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	EAST ORANGE CITY	07191831	1.29	South Harrison Street	07051168	0.00	Clay Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NUTLEY TWP	07011283	1.76	Passaic Avenue	07161215	0.17	Brookfield Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	BLOOMFIELD TWP	07021049	0.00	Cross Street	07021684	0.10	Orange Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	BLOOMFIELD TWP	07021155	0.06	Lakewood Ter	07021157	0.26	Mill Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	BLOOMFIELD TWP	07021680	0.21	Broughton Avenue	07021149	0.14	Howard Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	CALDWELL BORO	00000527	80.77	Roseland Avenue	07000632	1.46	Westville Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	LIVINGSTON TWP	00000527	77.67	North Livingston Avenue	07101146	0.42	Ashwood Drive	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	MILLBURN TWP	00000527	71.49	Old Short Hills Road	07121137	0.00	Haddonfield Road	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	MILLBURN TWP	00000527	70.40	Millburn Avenue	07121116	0.00	Glenwood Drive	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	MILLBURN TWP	00000527Z	0.18	Essex Street	07121229	0.43	Spring Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	WEST ORANGE TWP	00000577	7.18	Prospect Avenue	07221272	0.00	Rooney Cir	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	MILLBURN TWP	00000577	1.64	Wyoming Avenue	07121273	0.12	Chestnut Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NUTLEY TWP	00000007	8.44	Washington Avenue	07161019	0.23	Grant Avenue	1	0	0	1	0	0	Municipal	16.68	1.58

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 2019

Crash Filtering Criteria

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			
491	1,551	NJTPA	ESSEX	WEST ORANGE TWP	00000508	5.83	Northfield Avenue	00000577	5.93	Gregory Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	19.18	Broad Street	07131687	1.47	Bellevue Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	19.02	Broad Street	07021203	0.66	Mountain Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	18.26	Broad Street	07021183	0.35	Eaton Place	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	15.46	Franklin Street	07021685	0.69	John F Kennedy Drive	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	EAST ORANGE CITY	00000509	12.80	North Grove Street	07051001	0.00	Grove Place	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	IRVINGTON TWP	00000509	9.83	Grove Street	07091007	0.00	Taft Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	00000508	11.28	Central Avenue	07141865	1.77	Broad Street	1	0	0	1	0	0	Municipal	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	00000508	9.84	Central Avenue	07141921	0.00	8th Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.91	Central Avenue	07051798	1.63	Whittelsey Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.25	Central Avenue	07051170	0.00	Amherst Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	ORANGE CITY	00000508	7.81	Central Avenue	07171100	0.46	Oakwood Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	LIVINGSTON TWP	00000510	18.96	South Orange Avenue	07000607	1.26	Walnut Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	00000510	27.79	South Orange Avenue	07141224	0.65	South 8th Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	00000510	27.60	South Orange Avenue	07141903	1.01	South 12th Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	00000510	24.71	South Orange Avenue	07111797	1.97	Prospect Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	00000510	24.62	South Orange Avenue	07111798	0.88	Academy Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	LIVINGSTON TWP	00000508	2.11	East Northfield Road	07101391	0.00	Falcon Road	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	GLEN RIDGE BORO	000005065	0.56	Bloomfield Avenue	07081001	0.00	Clark Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	BLOOMFIELD TWP	000005065	2.14	Bloomfield Avenue	07021284	0.00	Edison Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	NEWARK CITY	000005065	2.39	Bloomfield Avenue	07141652	0.52	North 11th Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	BELLEVILLE TWP	00000506	10.15	Belleville Avenue	07011084	0.00	Smith Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.89	Bloomfield Avenue	07131267	0.00	Mission Street	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	VERONA TWP	00000506	4.24	Bloomfield Avenue	07201022	0.00	Montrose Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	CALDWELL BORO	00000506	3.14	Bloomfield Avenue	07031031	0.50	Ryerson Avenue	1	0	0	1	0	0	County	16.68	1.58
491	1,551	NJTPA	ESSEX	WEST CALDWELL TWP	00000506	1.64	Bloomfield Avenue	07211079	0.24	Gray Street	1	0	0	1	0	0	County	16.68	1.58
676	2,565	NJTPA	ESSEX	ORANGE CITY	00000508	6.96	Central Avenue	07000638	4.07	Scotland Road	5	0	0	0	1	4	County	14.55	1.00
677	2,573	NJTPA	ESSEX	EAST ORANGE CITY	07171874	0.76	William Street	00000509	12.86	North Grove Street	3	0	0	0	1	2	County	12.55	1.00
677	2,573	NJTPA	ESSEX	NEWARK CITY	07141916	0.86	Washington Street	07141311	0.09	Bank Street	3	0	0	0	1	2	Municipal	12.55	1.00
677	2,573	NJTPA	ESSEX	NEWARK CITY	07141910	0.32	Pacific Street	07141260	0.29	East Kinney Street	3	0	0	0	1	2	Municipal	12.55	1.00
680	2,613	NJTPA	ESSEX	IRVINGTON TWP	07000664	0.07	Coit Street	07000602	0.89	Lyons Avenue	2	0	0	0	1	1	County	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141885	1.23	18th Avenue	07141220	0.74	South 20th Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141885	1.68	18th Avenue	07141901	0.65	South 11th Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141895	2.55	Bergen Street	07141235	0.31	14th Avenue	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07000603	3.43	Springfield Avenue	07141106	0.12	Prince Street	2	0	0	0	1	1	County	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141904	0.43	Dr Martin Luther King Jr Boulevard	07141260	1.16	West Kinney Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	WEST ORANGE TWP	07000659	0.51	Main Street	07000660	0.66	Mt Pleasant Avenue	2	0	0	0	1	1	County	11.55	1.00
680	2,613	NJTPA	ESSEX	MONTCLAIR TWP	07000655	1.71	Watchung Avenue	07131358	1.30	Park Street	2	0	0	0	1	1	County	11.55	1.00
680	2,613	NJTPA	ESSEX	EAST ORANGE CITY	07171203	1.19	Dr Martin Luther King Jr Boulevard	07051823	1.41	North Clinton Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141926	0.80	Mount Prospect Avenue	07141627	0.00	Abington Avenue	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	ORANGE CITY	07171203	0.50	Main Street	07171109	0.73	Hickory Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	00000510	24.53	South Orange Avenue	07000638S	0.00	Village Plaza	2	0	0	0	1	1	County	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141925	0.16	7th Avenue	07141542	2.37	Summer Avenue	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07000619	2.68	Stuyvesant Avenue	07141719	0.18	Abinger Place	2	0	0	0	1	1	County	11.55	1.00
680	2,613	NJTPA	ESSEX	NUTLEY TWP	07000645	2.77	Franklin Avenue	07161181	0.00	William Street	2	0	0	0	1	1	County	11.55	1.00
680	2,613	NJTPA	ESSEX	GLEN RIDGE BORO	000005065	0.00	Bloomfield Avenue	00000506	7.28	Highland Avenue	2	0	0	0	1	1	County	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141905	0.26	Wilson Avenue	07141416	0.29	Ann Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NUTLEY TWP	07000645	3.32	Franklin Avenue	07161203	0.30	Vreeland Avenue	2	0	0	0	1	1	County	11.55	1.00
680	2,613	NJTPA	ESSEX	BELLEVILLE TWP	07000647	0.76	Union Avenue	07011282	0.34	Joralemon Street	2	0	0	0	1	1	County	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141929	0.20	2nd Avenue	07141900	3.64	Clifton Avenue	2	0	0	0	1	1	Municipal	11.55	1.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141930	0.54	Heller Parkway	07141900	4.60	Clifton Avenue	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NUTLEY TWP	07000647	1.92	Union Avenue	07161286	0.00	Union Avenue	2	0	0	0	1	1	County	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141921	1.17	Roseville Avenue	07141666	0.25	3rd Avenue	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141910	0.27	Pacific Street	07141383	0.36	Oliver Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141907	0.85	Van Buren Street	07141913	1.33	Chestnut Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141906	0.85	South Street	07141909	0.00	Adams Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141905	0.35	Wilson Avenue	07141407	0.31	Houston Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	WEST CALDWELL TWP	00000506	1.22	Bloomfield Avenue	07000613	2.64	Passaic Avenue	2	0	0	0	1	1	County	11.55	1.00
680	2,613	NJTPA	ESSEX	GLEN RIDGE BORO	07000653	1.10	Ridgewood Avenue	07081035	0.15	Snowden Place	2	0	0	0	1	1	County	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141915	0.89	University Avenue	07141288	0.13	Branford Place	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	BELLEVILLE TWP	07011223	0.13	Main Street	07011128	0.00	Little Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	BELLEVILLE TWP	07011231	0.00	Eugene Place	07021672	0.00	Eugene Place	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	BELLEVILLE TWP	07011282	0.73	Joralemon Street	07011043	0.55	Garden Avenue	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	BLOOMFIELD TWP	07021681	0.14	Bay Avenue	07021157	0.00	Mill Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141444	0.22	Fleming Avenue	07141438	0.09	Freeman Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141545	0.39	Broad Street	07141553	0.37	East 3rd Avenue	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	IRVINGTON TWP	07000601	0.68	Chancellor Avenue	07000601	0.69	Chancellor Avenue	2	0	0	0	1	1	County	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07091881	0.86	Clinton Avenue	07141212	0.00	South 16th Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07091883	2.40	Walnut Street	07141914	0.72	Park Place	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	MONTCLAIR TWP	07131358	0.59	Park Street	07131360	0.36	Chestnut Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141846	0.85	Market Street	07141430	0.12	Somme Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07141865	1.71	Broad Street	07141485	0.16	Rector Street	2	0	0	0	1	1	Municipal	11.55	1.00
680	2,613	NJTPA	ESSEX	NEWARK CITY	07000667	1.64	Broadway	07141932	0.60	Grafton Avenue	2	0	0	0	1	1	County	11.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141353	0.46	Pulaski Street	07141410	0.42	New York Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NORTH CALDWELL BORO	00000527	82.35	Mountain Avenue	07151040	0.00	Hickory Drive	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	MAPLEWOOD TWP	00000577	2.64	Wyoming Avenue	07111166	0.31	Durand Road	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	WEST ORANGE TWP	00000577	8.11	Prospect Avenue	07000611	1.24	Eagle Rock Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	ROSELAND BORO	00000527	79.13	Eagle Rock Avenue	07181037	0.00	Roseland Place	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	LIVINGSTON TWP	00000527	77.78	North Livingston Avenue	07101395	0.95	East McClellan Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	LIVINGSTON TWP	00000527	76.90	North Livingston Avenue	00000010	20.14	Mt Pleasant Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	BLOOMFIELD TWP	00000506S	0.69	Bloomfield Avenue	07021870	0.00	State Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	BELLEVILLE TWP	00000007	6.07	Washington Avenue	07000672	0.19	Mill Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	BELLEVILLE TWP	00000007	6.95	Washington Avenue	07011282	0.00	Joralemon Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	BELLEVILLE TWP	00000007	7.82	Washington Avenue	07011178	0.00	King Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	WEST ORANGE TWP	00000010	22.67	Mt Pleasant Avenue	07221340	0.00	Lorelei Road	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000021	1.79	Mccarter Highway	07091883	2.50	Walnut Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	MAPLEWOOD TWP	00000124	13.97	Springfield Avenue	07111017	0.00	Wellesley Road	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	MAPLEWOOD TWP	00000124	14.19	Springfield Avenue	07111026	0.02	Vermont Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	MAPLEWOOD TWP	00000124	14.47	Springfield Avenue	07091828	0.65	Boyden Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000280	13.42	I-280	07141922	0.65	Orange Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	BLOOMFIELD TWP	00000444	149.45	Garden State Parkway	00000506S	1.11	Bloomfield Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	GLEN RIDGE BORO	00000506S	0.33	Bloomfield Avenue	07081031	0.34	High Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	BLOOMFIELD TWP	00000506S	0.70	Bloomfield Avenue	07021329	0.00	Ward Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	BLOOMFIELD TWP	00000506S	0.85	Bloomfield Avenue	07131686	1.21	Washington Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000510	28.05	South Orange Avenue	07141231	0.27	Camden Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000510	25.76	South Orange Avenue	07141759	0.00	St Paul Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000510	26.10	South Orange Avenue	07141740	0.36	Halsted Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000510	26.23	South Orange Avenue	07141706	0.57	Brookdale Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000510	26.38	South Orange Avenue	07051152	0.24	Fairmount Ter	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	00000510	26.49	South Orange Avenue	07091710	0.81	West Grove Ter	1	0	0	0	1	0	County	10.55	1.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000510	26.88	South Orange Avenue	07141878	0.00	Washington Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000510	27.34	South Orange Avenue	07141216	0.00	South 17th Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000510	27.89	South Orange Avenue	07141225	0.50	South 6th Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000510	28.15	South Orange Avenue	07141252	0.00	Hunterdon Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000510	28.30	South Orange Avenue	07141248	0.13	Newton Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000510	28.99	Market Street	07171203	4.10	Market Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	00000510	25.40	South Orange Avenue	07191831	0.00	Centre Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	00000510	24.94	South Orange Avenue	07191037	0.00	Park Place	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	BELLEVILLE TWP	00000506	10.76	Rutgers Street	07011221	0.57	Main Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	BELLEVILLE TWP	00000506	9.96	Belleville Avenue	07011059	0.00	Cedar Hill Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.59	Bloomfield Avenue	07221446	1.98	Gates Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	BLOOMFIELD TWP	00000506S	1.05	Bloomfield Avenue	07021069	0.07	Burroughs Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	BLOOMFIELD TWP	00000506S	1.13	Bloomfield Avenue	07021685	0.61	John F Kennedy Drive	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000506S	2.58	Bloomfield Avenue	07141921	1.62	Roseville Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000506S	2.74	Bloomfield Avenue	07141920	0.77	North 6th Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000506S	3.33	Bloomfield Avenue	07141624	1.62	Parker Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000506S	3.93	Broadway	00000506SZ	0.29	Bloomfield Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000506S	4.01	Broadway	07141556	0.00	Crane Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	WEST CALDWELL TWP	00000506	1.56	Bloomfield Avenue	07211078	0.00	Dodd Road	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	WEST CALDWELL TWP	00000506	1.81	Bloomfield Avenue	07000633	1.69	Lane Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	CALDWELL BORO	00000506	2.41	Bloomfield Avenue	07031057	0.00	Hanford Place	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	CALDWELL BORO	00000506	2.97	Bloomfield Avenue	07031012	0.29	Elm Road	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	VERONA TWP	00000506	4.43	Bloomfield Avenue	07131001	0.95	Claremont Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	VERONA TWP	00000506	4.64	Bloomfield Avenue	07201044	0.07	Park Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	VERONA TWP	00000506	5.35	Bloomfield Avenue	07201041	0.00	Sunset Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.44	Bloomfield Avenue	07131257	0.00	Seymour Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.48	Bloomfield Avenue	07131026	0.16	South Willow Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	IRVINGTON TWP	00000509	9.59	Grove Street	07091009	0.04	Olson Place	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	IRVINGTON TWP	00000509	9.78	Grove Street	07091008	0.07	Herpers Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	IRVINGTON TWP	00000509	10.74	Grove Street	07141236	0.49	19th Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	IRVINGTON TWP	00000509	10.90	Grove Street	07091018	0.00	Breckenridge Ter	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	IRVINGTON TWP	00000509	10.96	Grove Street	07141237	0.31	17th Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	00000509	12.29	Grove Street	07141676	0.62	9th Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	WEST ORANGE TWP	00000508	3.11	Northfield Avenue	07221137	0.00	Glenview Drive	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	00000509	13.24	North Grove Street	07051873	0.79	4th Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	14.18	Grove Street	07021285	0.07	Royalton Place	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	14.84	Franklin Street	07021842	0.00	Harrison Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	15.89	Broad Street	07021683	0.10	Liberty Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	16.30	Broad Street	07021085	0.20	New Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	16.87	Broad Street	07021101	0.19	Warren Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	18.97	Broad Street	07021205	0.00	Overlook Ter	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	WEST ORANGE TWP	00000508	5.99	Northfield Avenue	07221150	0.31	Linden Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	ORANGE CITY	00000508	7.51	Central Avenue	07171141	0.69	South Center Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	00000508	8.67	Central Avenue	07051824	0.00	South Arlington Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	00000508	9.31	Central Avenue	07141163	2.03	Hollywood Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	00000508	9.35	Central Avenue	07141872	3.25	Steuben Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000508	9.50	Central Avenue	07141678	0.00	South 15th Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000508	9.70	Central Avenue	07141901	1.90	South 11th Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000508	9.75	Central Avenue	07141189	0.14	South 10th Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	00000508	10.01	Central Avenue	07141227	0.29	North 4th Street	1	0	0	0	1	0	County	10.55	1.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
723	2,838	NJTPA	ESSEX	NEWARK CITY	0000508	10.11	Central Avenue	07141230	0.26	2nd Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	0000508	10.82	Central Avenue	07141505	0.14	Summit Street	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	0000508	11.03	Central Avenue	07141915	0.39	University Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	ORANGE CITY	07171037	0.14	Chapman Street	07171141	0.77	South Center Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141920	0.44	North 6th Street	07011661	0.35	Davenport Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141920	1.30	North 6th Street	07141665	0.04	4th Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141920	2.09	North 6th Street	07141919	0.16	Sussex Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141920	2.19	North 6th Street	07141518	0.55	Dickerson Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141921	1.49	Roseville Avenue	07051671	0.62	1st Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141922	0.14	Orange Street	07141684	0.00	Gray Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141924	0.25	James Street	07141904	1.52	Dr Martin Luther King Jr Boulevard	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141925	0.28	7th Avenue	07141580	0.00	Ruggiero Plaza	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141926	0.33	Mount Prospect Avenue	07141553	0.05	East 3rd Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141926	1.33	Mount Prospect Avenue	07141931	0.26	Elwood Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141926	1.76	Mount Prospect Avenue	07141625	0.36	Montclair Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141926	2.04	Mount Prospect Avenue	07141606	0.00	Sylvan Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141928	1.17	Lake Street	07141630	0.00	Delavan Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141929	0.45	2nd Avenue	07141594	0.39	Wakeman Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141932	0.39	Grafton Avenue	07141542	0.47	Summer Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07142022	0.09	Felix Lane	07141260	1.78	West Kinney Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NUTLEY TWP	07161186	0.17	Church Street	07161190	0.00	Prospect Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NUTLEY TWP	07161284	0.15	Chestnut Street	07161195	0.36	Park Drive	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	NUTLEY TWP	07161285	0.43	Park Avenue	07161002	0.54	Walnut Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NUTLEY TWP	07161286	0.13	Union Avenue	07161285	0.25	Park Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	ORANGE CITY	07171022	0.00	Highland Ter	07171021	0.04	Highland Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141919	0.56	Sussex Avenue	07141525	0.09	Hecker Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141917	0.74	Raymond Boulevard	07141915	0.68	University Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141915	1.17	University Avenue	07091883	2.02	Court Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141912	0.44	Lafayette Street	07141343	0.20	Mcwhorter Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141905	0.38	Wilson Avenue	07141408	0.00	Komorn Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141905	0.51	Wilson Avenue	07141399	0.00	Jabez Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141906	0.68	South Street	07141362	0.95	Jefferson Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141907	0.50	Van Buren Street	07141376	0.27	Elm Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141909	0.62	Adams Street	07141912	0.81	Lafayette Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141912	0.15	Lafayette Street	07141914	0.52	Park Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141912	0.36	Lafayette Street	07141339	0.99	NJ Railroad Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141912	0.40	Lafayette Street	07141340	0.18	Bruen Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141912	0.66	Lafayette Street	07141912	0.65	Lafayette Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141915	0.74	University Avenue	07141311	0.00	Bank Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141913	1.71	Chestnut Street	07141910	0.22	Pacific Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141913	2.01	Chestnut Street	07141339	0.54	NJ Railroad Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141914	0.23	Park Place	07141494	0.13	Commerce Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141914	0.65	Park Place	07141290	0.00	Hill Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141914	0.77	Park Place	07141391	0.66	New York Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141914	0.86	Park Place	07141260	0.65	East Kinney Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141915	0.07	University Avenue	07141567	0.04	Lackawanna Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141915	0.60	University Avenue	07141514	0.38	Warren Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	ORANGE CITY	07171029	0.12	South Day Street	07171049	0.10	Elizabeth Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	ORANGE CITY	07171044	0.18	William Street	07171141	1.27	Center Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07141904	0.59	Dr Martin Luther King Jr Boulevard	07091883	1.87	Court Street	1	0	0	0	1	0	Municipal	10.55	1.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 2019

Crash Filtering Criteria

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			
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	07191831	2.23	Washington Street	07171830	0.28	Glenwood Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	VERONA TWP	07201094	0.12	Brookside Ter	07201100	0.25	Franklin Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	VERONA TWP	07201127	0.89	Linden Avenue	07201089	0.33	Otsego Road	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	MONTCLAIR TWP	07221445	1.69	South Mountain Avenue	07131253	0.00	Carriage Way	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	MONTCLAIR TWP	07221446	1.28	Gates Avenue	07221447	1.15	Harrison Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	WEST ORANGE TWP	07221447	0.21	Harrison Avenue	07221202	0.17	Maple Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	WEST ORANGE TWP	07221451	0.41	Rollinson Street	07221102	0.00	Pilot Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	WEST ORANGE TWP	07221454	0.05	Lindsley Avenue	07221455	0.09	Wheeler Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	WEST ORANGE TWP	07221458	0.08	Franklin Avenue	07221190	0.23	Williams Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	WEST ORANGE TWP	07221458	0.28	Franklin Avenue	07221193	0.26	Cherry Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	07191831	2.14	Washington Street	07051105	0.23	Washington Trail	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	07191831	1.75	South Harrison Street	07171165	0.17	Webster Place	1	0	0	0	1	0	County	10.55	1.00
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	07191831	1.12	South Harrison Street	07191831	1.13	South Harrison Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07171203	3.00	Market Street	07141227	0.35	North 4th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	ORANGE CITY	07171079	0.30	White Street	07171052	0.00	Ridge Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	ORANGE CITY	07171098	0.17	William Street	07051113	0.24	Hillyer Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	ORANGE CITY	07171100	0.19	Oakwood Avenue	07171145	0.49	Freeway Dr South	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	ORANGE CITY	07171141	0.87	South Center Street	07171039	0.14	Pierson Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	ORANGE CITY	07171203	0.77	Main Street	07171830	0.00	Glenwood Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	07171203	0.82	Main Street	07051109	0.07	Baldwin Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	07171203	1.13	Dr Martin Luther King Jr Boulevard	07051099	0.00	Summit Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07171203	2.33	Dr Martin Luther King Jr Boulevard	07141680	0.41	South 14th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07171203	2.71	Market Street	07141921	0.15	Roseville Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	07191831	1.09	South Harrison Street	07051128	0.00	Wayne Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	07171827	0.88	Dodd Street	07051076	0.00	Dodd Trail	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	BLOOMFIELD TWP	07171830	2.05	Glenwood Avenue	07021331	0.17	Conger Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	ORANGE CITY	07171833	0.48	Thomas Boulevard	07051058	0.10	Carroll Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	NEWARK CITY	07171874	0.00	William Street	07141675	0.26	6th Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	07171874	0.48	William Street	07051039	0.35	North 18th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	07171874	0.58	William Street	07051162	0.17	Greenwood Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2,838	NJTPA	ESSEX	EAST ORANGE CITY	07171874	1.08	William Street	07051824	0.70	North Arlington Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	ORANGE CITY	07191140	0.65	Berkeley Avenue	07171004	0.18	Fairview Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141904	0.68	Dr Martin Luther King Jr Boulevard	07141277	0.26	Mercer Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141903	0.22	South 12th Street	07141676	0.19	9th Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141868	1.41	Raymond Boulevard	07141433	0.13	Fillmore Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141796	0.41	Ivy Street	07141773	0.37	Ellery Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141844	0.17	Ferry Street	07141371	0.11	Prospect Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141844	0.33	Ferry Street	07141374	0.12	Madison Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141844	0.98	Ferry Street	07141418	0.33	Main Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141844	1.08	Ferry Street	07141445	0.00	St Charles Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141844	1.31	Ferry Street	07141455	0.10	Roanoke Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141844	1.36	Ferry Street	07141456	0.22	Brill Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141844	1.58	Ferry Street	07141459	0.00	Vincent Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141846	0.35	Market Street	07141370	0.39	Congress Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141846	0.46	Market Street	07141374	0.32	Madison Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141846	0.56	Market Street	07141909	0.96	Adams Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141846	0.66	Market Street	07141846	0.65	Market Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141846	0.91	Market Street	07141433	0.00	Fillmore Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141865	0.15	Broad Street	07141337	0.39	Wright Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141865	0.19	Broad Street	07141968	0.08	Emmet Street	1	0	0	0	1	0	Municipal	10.55	1.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
723	2838	NJTPA	ESSEX	NEWARK CITY	07141865	0.56	Broad Street	07141120	0.14	Lincoln Park	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141865	1.09	Broad Street	07141375	0.00	Green Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141865	1.86	Broad Street	07141497	0.11	Lombardy Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141868	1.07	Raymond Boulevard	07141456	0.43	Brill Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141781	0.00	Manor Drive	07091780	0.69	Mt Vernon Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141648	0.16	4th Street	07051871	0.74	2nd Avenue West	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141518	0.05	Dickerson Street	07141536	0.04	Jay Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141410	0.05	New York Avenue	07141940	0.19	Gotthart Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141413	0.30	Napoleon Street	07141400	0.13	Backus Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141417	0.10	Darcy Street	07141356	0.24	Wall Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141461	0.03	Horatio Avenue	07141459	0.13	Vincent Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141478	0.00	Alling Street	07141402	0.36	Edison Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141511	0.09	New Street	07141317	0.16	Halsey Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141514	0.42	Warren Street	07142053	0.00	Warren Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141517	0.10	Bond Street	07142004	0.19	Hudson Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141546	0.41	Mt Pleasant Avenue	07141555	0.09	East 4th Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141647	0.61	North 5th Street	07141665	0.00	4th Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141555	0.34	East 4th Avenue	07141542	1.92	Summer Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141572	0.25	Grafton Avenue	07141635	0.00	Branch Brook Place	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141583	0.09	Kearney Street	07141542	1.87	Summer Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141594	0.00	Wakeman Avenue	07141614	0.07	May Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141595	0.00	Summer Place	07141614	0.10	May Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141605	0.25	Delavan Avenue	07141618	0.15	Lincoln Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141605	1.09	Woodside Avenue	07141621	0.31	Irving Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141606	0.13	Sylvan Avenue	07141542	0.05	Summer Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141609	0.09	Romaine Place	07141605	0.15	Delavan Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141868	1.32	Raymond Boulevard	07141437	0.00	Mott Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141868	1.62	Raymond Boulevard	07141907	0.00	Van Buren Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141901	1.59	South 11th Street	07141241	0.04	12th Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141868	1.69	Raymond Boulevard	07141908	0.42	Jackson Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141891	1.05	Elizabeth Avenue	07091880	2.40	Watson Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141891	1.51	Elizabeth Avenue	07141896	0.20	East Runyon Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141891	1.76	Elizabeth Avenue	07141124	0.19	Hunter Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141892	0.10	Clinton Place	07141060	0.72	Lehigh Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141892	0.74	Clinton Place	07141181	0.00	Van Ness Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141892	0.81	Clinton Place	07141178	0.10	Randolph Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141893	1.01	Hawthorne Avenue	07141973	0.00	Jeliff Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141895	1.24	Bergen Street	07141098	0.11	East Bigelow Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141895	1.65	Bergen Street	07091882	0.97	Avon Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141895	2.30	Bergen Street	07141233	0.09	16th Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141895	3.34	1st Street	07141518	0.31	Dickerson Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141895	3.94	1st Street	07141645	0.29	North 3rd Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141895	4.08	1st Street	07141646	0.00	North 4th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141900	0.74	Irvine Turner Boulevard	07091882	1.29	Avon Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141900	1.21	Irvine Turner Boulevard	07141257	0.00	17th Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141900	1.52	Irvine Turner Boulevard	07091883	1.48	Court Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141900	1.62	Jones Street	07141235	0.00	14th Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141900	2.38	Norfolk Street	07141518	0.00	Dickerson Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141900	4.47	Clifton Avenue	07141931	0.19	Elwood Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141891	0.99	Elizabeth Avenue	07141886	0.55	Meeker Avenue	1	0	0	0	1	0	Municipal	10.55	1.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
723	2838	NJTPA	ESSEX	NEWARK CITY	07141891	0.66	Elizabeth Avenue	07141060	0.00	Lehigh Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141888	0.11	Maple Avenue	07141140	0.44	Hansbury Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07141884	0.47	Orange Avenue	07091036	0.00	Allen Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141872	1.04	Fabyan Place	07141893	0.00	Hawthorne Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141872	1.35	South 18th Street	07141217	0.00	Hopkins Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141872	1.47	South 18th Street	07141113	0.00	Madison Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141872	1.86	South 18th Street	07141236	0.19	19th Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	EAST ORANGE CITY	07141876	0.40	South Munn Avenue	07051141	0.10	Wilcox Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	EAST ORANGE CITY	07141876	0.51	South Munn Avenue	07051832	0.99	Elmwood Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	EAST ORANGE CITY	07141876	0.95	South Munn Avenue	07051122	0.42	Chestnut Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07141884	0.39	Orange Avenue	07091040	0.00	Fuller Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141885	0.06	18th Avenue	07141734	0.44	Smith Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141886	0.67	Meecker Avenue	07141899	0.00	Irvine Turner Boulevard	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141885	0.26	18th Avenue	07141706	0.06	Brookdale Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141885	0.31	18th Avenue	07141711	0.51	Sunset Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141885	0.48	18th Avenue	07091726	0.24	Carolina Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07141885	0.80	18th Avenue	07091802	0.83	Myrtle Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07141885	1.10	18th Avenue	07091202	0.00	Ellis Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141885	1.33	18th Avenue	07141872	1.98	South 18th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141885	1.38	18th Avenue	07141216	0.68	South 17th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141885	1.95	18th Avenue	07141199	0.21	South Jacob Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141885	2.66	Spruce Street	07141265	0.14	Barclay Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141403	0.36	Niagara Street	07141426	0.00	Niagara Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141408	0.33	Komorn Street	07141418	0.09	Main Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141865	0.54	Broad Street	07141364	0.46	Tichenor Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NUTLEY TWP	07011283	2.05	Passaic Avenue	07161050	0.00	Wharton Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07000665	0.35	Irvington Avenue	07191009	0.30	Fairview Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	MAPLEWOOD TWP	07000665	0.93	Irvington Avenue	07111793	0.53	Boyden Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000665	1.37	Clinton Avenue	07091821	1.18	Florence Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000665	1.73	Clinton Avenue	07091060	0.27	Grant Place	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000665	1.84	Clinton Avenue	07091058	0.14	West Civic Sq	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000665	2.16	Clinton Avenue	07091709	0.00	Linden Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000667	0.08	Broadway	07141548	0.20	Gouverneur Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000667	0.29	Broadway	07141583	0.22	Kearney Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000667	1.56	Broadway	07141619	0.00	Elliott Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000667	1.98	Broadway	07141927	0.65	Verona Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000667	2.07	Broadway	07141606	0.39	Sylvan Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07000669	0.41	Orange Road	07131280	0.00	Hitchcock Place	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	BELLEVILLE TWP	07000670	0.26	Franklin Street	07011204	0.00	Magnolia Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	WEST ORANGE TWP	07000671	0.16	Washington Street	07131238	0.67	Watchung Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	BELLEVILLE TWP	07011103	0.26	Acadamy Street	07011111	0.50	Cortland Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BELLEVILLE TWP	07011131	0.25	Floyd Street	07011220	0.86	Division Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BELLEVILLE TWP	07011132	0.15	Malone Avenue	07011174	0.24	Linden Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07000665	0.42	Irvington Avenue	07191018	0.32	Ward Place	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	WEST ORANGE TWP	07000660	0.02	Mt Pleasant Avenue	07221175	0.15	Highland Place	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NUTLEY TWP	07011147	0.03	Memphis Avenue	07161067	0.04	Harrison Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	WEST ORANGE TWP	07000659	0.34	Main Street	000005085	0.31	Northfield Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	BLOOMFIELD TWP	07000651	0.29	Hoover Avenue	07021847	0.00	Summit Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	BLOOMFIELD TWP	07000652	0.54	Kennedy Drive	07021335	0.39	Baldwin Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	GLEN RIDGE BORO	07000653	0.57	Ridgewood Avenue	07021345	0.53	Linden Avenue	1	0	0	0	1	0	County	10.55	1.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
723	2838	NJTPA	ESSEX	GLEN RIDGE BORO	07000653	0.73	Ridgewood Avenue	07131686	0.49	Washington Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	GLEN RIDGE BORO	07000653	1.01	Ridgewood Avenue	07081067	0.00	Clark Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	GLEN RIDGE BORO	07000653	1.54	Ridgewood Avenue	07081040	0.10	Clinton Road	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	GLEN RIDGE BORO	07000653	2.24	Ridgewood Avenue	07021337	0.28	Cambridge Road	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	GLEN RIDGE BORO	07000654	0.33	Bay Avenue	07081044	0.48	Forest Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	BLOOMFIELD TWP	07000655	0.00	Watchung Avenue	07000652	2.36	East Passaic Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	BLOOMFIELD TWP	07000655	0.66	Watchung Avenue	00000509	18.34	Broad Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	BLOOMFIELD TWP	07000655	0.85	Watchung Avenue	07021189	0.00	Lowell Ter	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	ORANGE CITY	07000658	0.53	Park Avenue	07171068	0.44	Cleveland Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	EAST ORANGE CITY	07000658	1.76	Park Avenue	07051092	0.00	North Walnut Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	EAST ORANGE CITY	07000658	1.88	Park Avenue	07051824	0.96	North Arlington Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	EAST ORANGE CITY	07000658	2.51	Park Avenue	07051030	0.53	North 15th Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000658	3.12	Park Avenue	07141647	0.45	North 5th Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000658	3.79	Park Avenue	07141582	0.30	Stone Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	BELLEVILLE TWP	07011140	0.34	Nolton Street	07011065	0.71	Greylock Parkway	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BELLEVILLE TWP	07011158	0.25	Adelaide Street	07011065	0.56	Greylock Parkway	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MILLBURN TWP	07000649	1.88	John F Kennedy Parkway	07000606	1.51	Parsonage Hill Road	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	EAST ORANGE CITY	07051823	0.48	South Clinton Street	07051142	0.47	Rhode Island Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	EAST ORANGE CITY	07051824	0.83	North Arlington Avenue	07051100	0.00	Summit Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	EAST ORANGE CITY	07051824	1.78	North Arlington Avenue	07051021	1.27	North Maple Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	EAST ORANGE CITY	07051828	1.75	Prospect Street	07051064	0.53	Renshaw Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BLOOMFIELD TWP	07051828	2.05	Prospect Street	07021308	0.17	Olive Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	EAST ORANGE CITY	07051832	0.79	Elmwood Avenue	07141739	0.50	Nassau Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07051873	0.00	4th Avenue	07141921	1.00	Roseville Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	FAIRFIELD BORO	07071126	0.00	Fleetwood Avenue	07071121	0.18	Beverly Road	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07081356	0.08	Glenridge Avenue	07131031	0.71	Forest Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07081356	0.15	Glenridge Avenue	07131026	0.24	South Willow Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091040	0.22	Fuller Place	07091709	0.46	Linden Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091093	0.29	Prospect Avenue	07091091	0.07	South Durand Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091203	0.05	May Street	07091002	0.14	Augusta Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091726	0.15	Carolina Avenue	07141807	0.04	Universal Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091728	0.42	Munn Avenue	07091710	0.15	Pinegrove Ter	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091780	0.47	Mt Vernon Place	07141791	0.27	Norman Road	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091822	0.10	Mill Road	07091109	0.00	Nesbit Ter	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091822	0.18	Mill Road	07091125	0.15	Orchard Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091822	0.32	Mill Road	07091131	0.00	Hardgrove Ter	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	EAST ORANGE CITY	07051823	2.16	North Clinton Street	07051870	1.02	Springdale Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07051671	0.42	1st Avenue	07141667	0.65	North 12th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BELLEVILLE TWP	07011163	0.25	Floyd Street	07011132	0.30	Malone Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BELLEVILLE TWP	07011212	0.04	Newark Avenue	07011210	0.00	Belmont Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BELLEVILLE TWP	07011212	0.10	Newark Avenue	07011204	0.26	Magnolia Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BELLEVILLE TWP	07011220	0.76	Division Avenue	07011174	0.14	Linden Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BELLEVILLE TWP	07011282	0.13	Joralemon Street	07011174	0.00	Linden Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BELLEVILLE TWP	07011282	1.67	Joralemon Street	07011002	0.00	Rutan Drive	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NUTLEY TWP	07011282	2.49	Bloomfield Avenue	07161120	0.43	Columbia Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NUTLEY TWP	07011282	3.06	Bloomfield Avenue	07161231	0.28	Cedar Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NUTLEY TWP	07011282	3.10	Bloomfield Avenue	07021270	0.47	Chadwick Drive	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BELLEVILLE TWP	07011283	0.30	Passaic Avenue	07011065	0.91	Greylock Parkway	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NUTLEY TWP	07011283	1.62	Passaic Avenue	07161030	0.47	Satterthwaite Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BLOOMFIELD TWP	07021056	0.00	Fontaine Avenue	07021061	0.00	Fontaine Place	1	0	0	0	1	0	Municipal	10.55	1.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
723	2838	NJTPA	ESSEX	BLOOMFIELD TWP	07021323	0.24	Maolis Avenue	07021321	0.23	Ashland Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BLOOMFIELD TWP	07021680	0.41	Broughton Avenue	07021160	0.00	Barbara Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BLOOMFIELD TWP	07021683	0.02	Liberty Street	07021870	0.03	State Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BLOOMFIELD TWP	07021685	0.88	John F Kennedy Drive	07021869	0.23	Municipal Plaza	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BLOOMFIELD TWP	07021869	0.13	Municipal Plaza	07021070	0.00	Oakland Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	BELLEVILLE TWP	07021869	1.02	Mill Street	07011186	0.00	Harrison Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	EAST ORANGE CITY	07051103	0.15	Carlton Street	07051099	0.20	Summit Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	EAST ORANGE CITY	07051129	0.87	Hulsted Street	07171145	0.86	Freeway Dr South	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	LIVINGSTON TWP	07000649	5.19	South Livingston Avenue	07101275	0.47	Amelia Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NUTLEY TWP	07000648	1.07	Centre Street	07161195	0.00	Park Drive	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091822	1.10	Union Avenue	07091824	0.69	Mt Vernon Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000602	1.67	Lyons Avenue	07141089	0.00	Schuyler Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000602	2.23	Lyons Avenue	07141891	0.51	Elizabeth Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.10	Springfield Avenue	07091086	0.17	42nd Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.39	Springfield Avenue	07000605	0.00	Sanford Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.51	Springfield Avenue	07000602	0.00	Lyons Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.79	Springfield Avenue	07091070	0.00	William S Bull Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.13	Springfield Avenue	07091802	0.00	Myrtle Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.31	Springfield Avenue	07091879	0.00	Eastern Parkway	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.71	Springfield Avenue	07091192	0.36	Ellis Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000603	1.87	Springfield Avenue	07141220	0.43	South 20th Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000603	2.27	Springfield Avenue	07141201	0.63	South 13th Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000603	2.49	Springfield Avenue	07141885	1.76	18th Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000603	2.65	Springfield Avenue	07141199	0.31	South Jacob Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000603	2.67	Springfield Avenue	07141225	0.00	South 6th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000603	2.73	Springfield Avenue	07141227	1.41	North 4th Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000603	2.97	Springfield Avenue	07141252	0.39	Hunterdon Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000603	3.15	Springfield Avenue	07141246	0.18	Bedford Place	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000605	0.83	Sandford Avenue	07141797	0.00	Netherwood Place	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000605	0.88	Sandford Avenue	07141796	0.29	Ivy Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000602	1.90	Lyons Avenue	07141152	0.45	Parkview Ter	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000602	1.39	Lyons Avenue	07141067	0.26	Dewey Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000605	1.44	Sandford Avenue	07141719	0.31	Abinger Place	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000602	1.24	Lyons Avenue	07141872	0.49	Wainwright Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	MAPLEWOOD TWP	07000601	0.06	Chancellor Avenue	07111085	0.00	44th Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000601	0.19	Chancellor Avenue	07091831	0.00	Campdown Road	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000601	0.58	Chancellor Avenue	07091102	0.24	Park Place	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000601	1.30	Chancellor Avenue	07091183	0.10	Norwood Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000601	1.51	Chancellor Avenue	07091181	0.24	Cordier Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000601	1.75	Chancellor Avenue	07141165	0.79	Leslie Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000601	1.99	Chancellor Avenue	07141148	0.61	Aldine Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000601	2.07	Chancellor Avenue	07141998	0.11	Clinton Place	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000601	2.35	Chancellor Avenue	07141152	0.16	Parkview Ter	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000602	0.58	Lyons Avenue	07091002	0.00	Augusta Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000605	1.39	Sandford Avenue	07141720	0.00	Silver Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000605	1.84	Sandford Avenue	07191755	0.42	Finley Place	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NUTLEY TWP	07000646	0.28	Park Avenue	07000624	0.39	River Road	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NORTH CALDWELL BORO	07000631	2.10	Central Avenue	07151115	0.00	East Green Brook Road	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	MAPLEWOOD TWP	07000638	0.31	Valley Street	07111047	0.36	South Pierson Road	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	MAPLEWOOD TWP	07000638	1.34	Valley Street	07111794	0.20	Parker Avenue	1	0	0	0	1	0	County	10.55	1.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 2019

Crash Filtering Criteria

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			
723	2838	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07000638	2.14	Valley Street	07191081	0.00	First Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07000638	2.16	Valley Street	070006385	0.05	Village Plaza	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07000638	2.31	Scotland Road	07191042	0.00	Connett Place	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	ORANGE CITY	07000638	3.60	Scotland Road	07171002	0.35	Hillside Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	ORANGE CITY	07000638	5.14	High Street	07221080	0.40	Lakeside Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	VERONA TWP	07000639	0.16	Grove Avenue	07201108	0.08	Reid Place	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	VERONA TWP	07000639	0.23	Grove Avenue	07201106	0.41	Personette Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000645	0.06	Franklin Avenue	07141657	0.00	Ropes Place	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000645	0.13	Franklin Avenue	07141658	0.12	Anthony Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000645	0.50	Franklin Avenue	07011205	0.19	Clara Mass Drive	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	BELLEVILLE TWP	07000645	1.56	Franklin Avenue	07011021	0.00	Berkeley Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NUTLEY TWP	07000645	2.56	Franklin Avenue	07161152	0.08	Stager Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NUTLEY TWP	07000645	2.82	Franklin Avenue	07161179	0.15	New Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NUTLEY TWP	07000645	2.90	Franklin Avenue	07161186	0.00	Church Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NUTLEY TWP	07000645	3.12	Franklin Avenue	07161185	0.16	Adams Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NUTLEY TWP	07000645	3.22	Franklin Avenue	07161208	0.00	Warren Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	WEST CALDWELL TWP	07000633	1.40	Lane Avenue	07211048	0.39	Holiday Drive	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MILLBURN TWP	07000630	0.34	Millburn Avenue	07121799	0.00	Ridgewood Road	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	EAST ORANGE CITY	07000605	2.39	Sanford Street	07051154	0.19	Edgar Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	FAIRFIELD BORO	07000627	0.27	Plymouth Street	07071002	0.00	Madison Road	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	LIVINGSTON TWP	07000607	1.81	Walnut Street	07101198	0.00	Iroquois Drive	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	WEST CALDWELL TWP	07000613	1.92	Passaic Avenue	07000632	0.00	Westville Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	WEST CALDWELL TWP	07000613	2.76	Passaic Avenue	07000614	1.17	Clinton Road	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	FAIRFIELD BORO	07000613	5.68	Passaic Avenue	07000615	2.25	Little Falls Road	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	FAIRFIELD BORO	07000615	2.71	Little Falls Road	07000629	0.59	Pier Lane	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07000618	1.17	Normal Avenue	07131104	0.00	College Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000619	0.47	Stuyvesant Avenue	07091126	0.31	Harper Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07000619	2.01	Stuyvesant Avenue	07091780	0.00	West Allen Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07000619	2.38	Stuyvesant Avenue	07141884	0.00	Valley Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07000621	0.14	Valley Road	07131130	0.24	Montague Place	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07000621	0.47	Valley Road	07131004	0.00	Van Vleck Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07000621	0.70	Valley Road	07131007	0.03	Club Street	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07000621	1.52	Valley Road	07131046	0.70	Gordonhurst Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07000621	2.21	Valley Road	07131146	0.69	Inwood Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07000621	3.23	Valley Road	16000621	0.00	Valley Road	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07000623	0.61	Grove Street	07021337	0.65	Cambridge Road	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07000623	3.02	Grove Street	07000643	0.67	Alexander Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091822	0.58	Union Avenue	07091140	0.00	Naden Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MAPLEWOOD TWP	07111137	0.28	Kensington Ter	07111132	0.19	Oakland Road	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141317	0.24	Halsey Street	07141509	0.00	West Park Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141325	0.37	Orchard Street	07141260	0.74	East Kinney Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MAPLEWOOD TWP	07111794	0.33	Parker Avenue	07111798	0.00	Academy Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MAPLEWOOD TWP	07111796	0.39	Tuscan Road	07111058	0.39	Summit Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MAPLEWOOD TWP	07111797	0.26	Prospect Street	07111039	0.23	Harvard Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MAPLEWOOD TWP	07111797	0.48	Prospect Street	07111128	0.28	South Crescent Road	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141318	0.05	Washington Place	07141317	0.00	Halsey Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MAPLEWOOD TWP	07111797	0.79	Prospect Street	07111132	0.00	Oakland Road	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07111797	1.29	Prospect Street	07191002	0.00	Prospect Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MAPLEWOOD TWP	07111794	0.08	West Parker Avenue	07111120	0.13	Dunnell Road	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141115	0.63	Emmet Street	07141336	0.10	Vanderpool Street	1	0	0	0	1	0	Municipal	10.55	1.00

New Jersey Network Screening Lists, 2019

Essex - 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

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Crash Filtering Criteria

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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			
723	2838	NJTPA	ESSEX	NEWARK CITY	07141288	0.28	Branford Place	07141317	0.55	Halsey Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07111797	1.72	Prospect Street	07191083	0.00	Third Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141272	0.05	Lincoln Street	07142005	0.06	Eagles Parkway	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141271	0.00	Montgomery Avenue	07141270	0.40	Quitman Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07111829	1.19	Elmwood Avenue	07091821	0.90	Florence Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141117	0.14	Sherman Avenue	07141118	0.00	Frelinghuysen Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091883	3.22	Walnut Street	07141353	0.51	Pulaski Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MILLBURN TWP	07121128	0.55	Short Hills Avenue	07121129	0.62	Crescent Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091883	0.94	15th Avenue	07141225	0.30	South 6th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141343	0.53	Mcwhorter Street	07141260	0.42	East Kinney Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091882	0.80	Avon Avenue	07141185	0.27	Farley Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091883	0.05	15th Avenue	07091024	0.12	Oak Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091883	0.60	15th Avenue	07141201	0.11	South 13th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091883	0.75	15th Avenue	07141189	0.99	South 10th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141343	0.33	Mcwhorter Street	07141376	0.77	Elm Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141339	0.09	NJ Railroad Avenue	07141292	0.23	Murray Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091883	2.88	Walnut Street	07141362	0.45	Jefferson Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141092	0.17	West Runyan Street	07141973	0.12	Jeliff Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091883	1.79	Court Street	07141272	0.18	Lincoln Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07141217	0.34	Hopkins Place	07091010	0.72	Lyons Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141333	0.04	Gillette Place	07141119	0.35	Pennsylvania Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091883	1.93	Court Street	07141308	0.16	Shipman Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091883	2.53	Walnut Street	07141339	0.79	NJ Railroad Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141331	0.12	Parkhurst Street	07141119	0.40	Pennsylvania Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141260	1.45	West Kinney Street	07141994	0.00	Prince Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MAPLEWOOD TWP	07121799	1.43	Ridgewood Road	07111176	0.17	Hoffman Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141343	0.58	Mcwhorter Street	07141383	0.24	Oliver Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07131362	0.60	Walnut Avenue	07131032	0.00	Erie Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141098	0.05	East Bigelow Street	07141077	0.37	Chadwick Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07131360	0.52	Chestnut Street	07131031	0.12	Forest Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141233	0.89	16th Avenue	07141872	2.26	South 18th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07131362	0.21	Walnut Avenue	07131115	0.32	Midland Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07131362	0.41	Walnut Avenue	07131023	1.42	North Fullerton Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141233	0.55	16th Avenue	07141901	0.92	South 11th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141233	0.43	16th Avenue	07141199	0.53	South Jacob Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141093	0.13	West Runyan Street	07141030	0.10	Reeves Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07131359	1.76	Upper Mountain Avenue	07000640	1.46	Bradford Avenue	1	0	0	0	1	0	County	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07131363	0.95	Claremont Avenue	07131031	0.51	Forest Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07131364	0.70	Orange Road	07131213	0.19	Plymouth Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07131364	0.87	Orange Road	07131252	0.20	Church Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07131687	0.33	Bellevue Avenue	07131142	0.00	Northview Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141034	0.18	Devlin Avenue	07141035	0.00	Garibaldi Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141233	0.34	16th Avenue	07141222	1.03	South 7th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141068	0.08	Edwin Place	07141069	0.25	Willoughby Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07141233	1.08	16th Avenue	07091198	0.27	22nd Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07131358	0.22	Park Street	07131363	0.75	Claremont Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141113	0.73	Madison Avenue	07141077	0.65	Chadwick Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07131028	0.00	Woodland Avenue	07131503	0.20	Pine Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07121799	2.05	South Ridgewood Road	07191094	0.00	West End Road	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141260	1.22	West Kinney Street	07141272	0.00	Lincoln Street	1	0	0	0	1	0	Municipal	10.55	1.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
723	2838	NJTPA	ESSEX	NEWARK CITY	07141257	0.23	17th Avenue	07142016	0.13	Morris Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141252	0.11	Hunterdon Street	07141235	0.27	14th Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141241	0.18	12th Avenue	07141224	0.31	South 8th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07131025	0.21	Lincoln Street	07131503	0.00	Pine Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07131025	0.34	Lincoln Street	07131279	0.20	Willowdale Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07141237	0.20	17th Avenue	07091806	0.13	21st Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141113	0.14	Madison Avenue	07141211	0.50	South 15th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07131206	1.30	North Mountain Avenue	07131185	0.00	Brookfield Road	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141236	0.29	19th Avenue	07141220	0.62	South 20th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07131214	0.00	Roosevelt Place	07131023	0.86	North Fullerton Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091823	0.05	Paine Avenue	07091161	0.24	Kuna Ter	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MONTCLAIR TWP	07131252	0.29	Church Street	07131256	0.00	Valley Road	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141235	0.87	14th Avenue	07141201	0.00	South 13th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141113	0.67	Madison Avenue	07141001	0.13	Seymour Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091882	0.28	Avon Avenue	07141212	0.34	South 16th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091883	1.10	15th Avenue	07141231	0.49	Camden Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141119	0.15	Pennsylvania Avenue	07141337	0.31	Wright Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091879	0.69	Eastern Parkway	07141885	0.90	18th Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141148	0.50	Aldine Street	07141137_W	0.18	Goldsmith Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091879	0.19	Eastern Parkway	07091825	0.66	North Maple Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091880	0.56	Nye Avenue	07091003	0.12	Howard Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091880	0.46	Nye Avenue	07091827	0.64	Ball Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091881	1.39	Clinton Avenue	07141185	0.00	Farley Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141121	0.13	Brunswick Street	07141966	0.04	Thomas Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091881	0.44	Clinton Avenue	07091192	0.00	Ellis Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141142	0.71	Weequahic Avenue	07141148	0.39	Aldine Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141403	0.07	Niagara Street	07141409	0.14	Kossuth Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091881	1.17	Clinton Avenue	07141189	2.04	South 10th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091880	1.44	Nye Avenue	07141892	0.47	Clinton Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091881	0.71	Clinton Avenue	07141163	0.00	South 19th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091881	0.66	Clinton Avenue	07141220	0.00	South 20th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091880	0.17	Nye Avenue	07091101	0.24	Lincoln Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091881	1.44	Clinton Avenue	07141001	0.26	Seymour Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091881	1.84	Clinton Avenue	07141102	0.20	Ridgewood Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141148	0.21	Aldine Street	07141065	0.05	Forest Place	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091881	2.81	Lincoln Pike	07141297	0.15	Halsey Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141349	0.48	Thomas Street	07141362	1.00	Jefferson Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091882	0.23	Avon Avenue	07141216	1.06	South 17th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141358	0.24	Merchant Street	07141360	0.09	Clover Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091882	0.09	Avon Avenue	07141220	0.36	South 20th Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	IRVINGTON TWP	07091827	0.09	Clermont Avenue	07091824	0.62	Mt Vernon Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091880	1.19	Nye Avenue	07141151	0.25	Wainwright Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141365	0.37	Pennington Street	07141368	0.14	Hermon Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091881	2.38	Clinton Avenue	07141270	0.00	Quitman Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	MAPLEWOOD TWP	07091828	0.28	Boyden Avenue	07111010	0.00	Jacoby Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091881	2.00	Clinton Avenue	07141898	0.46	Hillside Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07141119	0.30	Pennsylvania Avenue	07141292	0.53	Murray Street	1	0	0	0	1	0	Municipal	10.55	1.00
723	2838	NJTPA	ESSEX	NEWARK CITY	07091880	2.04	Watson Avenue	07091880	2.03	Watson Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
1248	5009	NJTPA	ESSEX	NEWARK CITY	00000508	11.53	Center Street	00000021_S	2.55	Mccarter Highway	2	0	0	0	0	2	Municipal	2.00	0.00
1248	5009	NJTPA	ESSEX	NEWARK CITY	07141846	0.04	Market Street	07141478	0.07	Alling Street	2	0	0	0	0	2	Municipal	2.00	0.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 2019

Crash Filtering Criteria

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			
1248	5009	NJTPA	ESSEX	NEWARK CITY	0000508	10.17	Central Avenue	07141895	3.26	1st Street	2	0	0	0	0	2	County	2.00	0.00
1248	5009	NJTPA	ESSEX	EAST ORANGE CITY	07051096	0.38	South Burnet Avenue	07171145	1.07	Freeway Dr South	2	0	0	0	0	2	Municipal	2.00	0.00
1248	5009	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07111798	0.66	Academy Street	07191083	0.09	Third Street	2	0	0	0	0	2	Municipal	2.00	0.00
1248	5009	NJTPA	ESSEX	EAST ORANGE CITY	07051823	0.63	South Clinton Street	07051832	0.51	Elmwood Avenue	2	0	0	0	0	2	Municipal	2.00	0.00
1248	5009	NJTPA	ESSEX	NEWARK CITY	00000021	1.41	Mccarter Highway	07141914	1.09	Park Place	2	0	0	0	0	2	Municipal	2.00	0.00
1255	5065	NJTPA	ESSEX	ORANGE CITY	07000658	0.75	Park Avenue	07171028	0.00	Duane Street	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	MONTCLAIR TWP	07000669	0.74	Orange Road	07131357	0.36	Cedar Avenue	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	MONTCLAIR TWP	07000669	0.70	Orange Road	07131686	0.00	Washington Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	MONTCLAIR TWP	07000668	0.08	Elm Street	07131025	0.00	Lincoln Street	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07000667	2.10	Broadway	07141607	0.00	North End Ter	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07000665	1.04	Irvington Avenue	07111782	0.07	Elsman Ter	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	WEST ORANGE TWP	07000659	0.43	Main Street	07221454	0.12	Lindsley Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07000658	3.72	Park Avenue	07141592	0.17	Garside Avenue	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	EAST ORANGE CITY	07000658	1.53	Park Avenue	07051129	0.33	Lincoln Street	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	ORANGE CITY	07000658	0.80	Park Avenue	07051111	0.15	Park Place	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	ORANGE CITY	07000658	0.71	Park Avenue	07171027	0.25	North Center Street	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	IRVINGTON TWP	07000603	1.76	Springfield Avenue	07091197	0.00	22nd Street	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	GLEN RIDGE BORO	07000653	1.47	Ridgewood Avenue	07081036	0.00	Rudd Court	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	NUTLEY TWP	07000650	0.25	High Street	07161245	0.00	Mapes Avenue	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	ORANGE CITY	07000638	4.31	Scotland Road	07171093	0.31	Mechanic Street	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07000638	2.02	Valley Street	07191083	0.17	Third Street	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07000638	1.53	Valley Street	07111206	0.00	Hixon Road	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	MAPLEWOOD TWP	07000638	1.05	Valley Street	07111132	0.29	Oakland Road	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	MAPLEWOOD TWP	07000630	0.85	Millburn Avenue	07000638	0.08	Valley Street	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07000619	2.60	Stuyvesant Avenue	07141720	0.13	Silver Street	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	MILLBURN TWP	07000608	1.29	White Oak Ridge Road	07121204	0.00	Alexander Lane	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	BELLEVILLE TWP	07011130	0.29	Overlook Avenue	07011163	0.41	Floyd Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	BELLEVILLE TWP	07011282	0.65	Joralemon Street	07011051	0.23	Perry Street	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	GLEN RIDGE BORO	07021345	0.25	Linden Avenue	07081023	0.15	Midland Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	BLOOMFIELD TWP	07021842	0.15	Harrison Street	07011186	0.42	Harrison Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141148	0.50	Aldine Street	07141137	0.18	Goldsmith Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141121	0.30	South Street	07141334	0.05	Astor Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141113	0.99	Madison Avenue	07141103	0.13	Jeliff Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141098	0.32	East Bigelow Street	07141103	0.42	Jeliff Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141060	0.67	Lehigh Avenue	07141090	0.00	Goodwin Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	MONTCLAIR TWP	07131360	0.45	Chestnut Street	07131116	1.14	North Fullerton Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	MAPLEWOOD TWP	07111798	0.09	Academy Street	07111209	0.00	Beach Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	MAPLEWOOD TWP	07111024	0.19	Yale Street	07111039	0.36	Harvard Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07091883	0.65	15th Avenue	07141903	1.23	South 12th Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07091883	0.55	15th Avenue	07141215	0.13	South 14th Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07091881	2.16	Clinton Avenue	07141107	0.00	Milford Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07091881	1.24	Clinton Avenue	07141181	0.41	Millington Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07091880	1.58	Nye Avenue	07141090	0.32	Goodwin Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	IRVINGTON TWP	07091880	0.61	Nye Avenue	07091005	0.17	Grace Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	IRVINGTON TWP	07091825	0.54	Madison Avenue	07091802	0.30	Myrtle Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07091780	0.57	Mt Vernon Place	07111782	0.32	Elsman Ter	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	EAST ORANGE CITY	07051875	0.00	Freeway Drive East	07051824	0.40	South Arlington Avenue	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	BLOOMFIELD TWP	07051357	0.49	North 16th Street	07021672	0.80	Abington Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	ORANGE CITY	07051144	1.13	Freeway Drive West	07171141	1.03	Center Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07000605	0.73	Sandford Avenue	07141779	0.12	Mountain View Place	1	0	0	0	0	1	County	1.00	0.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 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 [13,14]	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			
1255	5065	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.96	Springfield Avenue	07091735	0.14	Orange Avenue	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.45	Springfield Avenue	07091075	0.00	Chapman Place	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.03	Springfield Avenue	07091093	0.00	Prospect Avenue	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	IRVINGTON TWP	07000601	1.19	Chancellor Avenue	07091824	0.34	Mt Vernon Avenue	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141235	0.11	14th Avenue	07141248	0.00	Newton Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	WEST CALDWELL TWP	00000506	1.48	Bloomfield Avenue	07211174	0.00	Fairfield Avenue	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	00000506	3.86	Bloomfield Avenue	07141294	0.12	Roland Street	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	BELLEVILLE TWP	00000506	2.26	Bloomfield Avenue	07141668	0.00	North 13th Street	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	BLOOMFIELD TWP	00000506	1.65	Bloomfield Avenue	07171827	1.78	Watsessing Avenue	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	VERONA TWP	00000506	3.71	Bloomfield Avenue	07061126	1.96	Fells Road	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	CALDWELL BORO	00000506	2.32	Bloomfield Avenue	07031069	0.29	Academy Road	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	ORANGE CITY	00000508	7.76	Central Avenue	07171042	0.14	Oakwood Place	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	00000510	25.71	South Orange Avenue	07141763	0.24	Dover Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	16.09	Broad Street	07021077	0.00	Park Avenue	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	EAST ORANGE CITY	00000509	12.75	South Grove Street	07051016	0.00	New Street	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	00000509	11.68	Grove Street	07141695	0.00	13th Avenue	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	WEST ORANGE TWP	00000508	6.70	Valley Road	07111787	3.49	Valley Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	MAPLEWOOD TWP	00000124	14.54	Springfield Avenue	07111082	0.37	Jacoby Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	MAPLEWOOD TWP	00000577	2.78	Wyoming Avenue	07111155	0.28	Claremont Avenue	1	0	0	0	0	1	County	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141219	0.00	Westervelt Place	07141220	0.05	South 20th Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141266	0.17	Montgomery Street	07141110	0.16	Muhammad Ali Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141289	0.06	Pearl Street	07141317	0.72	Halsey Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141890	0.19	Osborne Terrace	07141070	0.51	Shephard Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141909	0.45	Adams Street	07141391	0.00	Cottage Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141909	0.31	Adams Street	07141260	0.00	East Kinney Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141907	0.59	Van Buren Street	07141410	0.51	New York Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141906	1.53	Stockton Street	07141913	0.71	Delancey Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141905	0.33	Wilson Avenue	07141412	0.29	Marne Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141900	2.97	Clifton Avenue	07141578	0.09	Victoria Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141900	0.46	Irvine Turner Boulevard	07141975	0.09	West Alpine Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141895	0.80	Bergen Street	07091880	1.98	Nye Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141891	0.71	Elizabeth Avenue	07141063	0.00	Mapes Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141890	0.14	Osborne Terrace	07141063	0.52	Mapes Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141885	1.28	18th Avenue	07141163	0.74	South 19th Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141872	1.09	Fabyan Place	07141174	0.13	Voorhees Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141865	0.05	Broad Street	07141336	0.37	Vanderpool Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141704	0.00	Howell Street	07141705	0.08	West End Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141542	1.82	Summer Avenue	07141584	0.12	Taylor Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141542	0.71	Summer Avenue	07141616	0.09	Elwood Place	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141419	0.32	St Francis Street	07141409	0.39	Kossuth Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141403	0.02	Niagara Street	07141428	0.14	Hawkins Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141362	0.50	Jefferson Street	07141391	0.17	Cottage Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141911	0.32	William Street	07141308	0.00	Shipman Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141912	0.96	Lafayette Street	07141354	0.00	Polk Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141916	0.71	Washington Street	07141288	0.19	Branford Place	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141920	0.55	North 6th Street	07141663	0.21	Berkeley Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07221877	2.21	Tremont Avenue	07141736	0.25	Chelsea Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	WEST ORANGE TWP	07221450	1.06	Walker Road	07221027	0.00	Lowell Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	EAST ORANGE CITY	07171874	0.39	William Street	07051038	0.16	North 16th Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	EAST ORANGE CITY	07171830	0.31	Glenwood Avenue	07051106	0.00	Chelsea Place	1	0	0	0	0	1	Municipal	1.00	0.00

New Jersey Network Screening Lists, 2019

Essex - 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: Thursday, May 16, 2019

Crash Filtering Criteria

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			
1255	5065	NJTPA	ESSEX	EAST ORANGE CITY	07171827	1.17	Dodd Street	07051073	0.00	Meadow Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07171203	3.06	Market Street	07141229	0.00	Fairmount Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	EAST ORANGE CITY	07171203	2.28	Dr Martin Luther King Jr Boulevard	07051030	0.00	South Ward Place	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	ORANGE CITY	07171203	0.67	Main Street	07171096	0.20	South Main Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	ORANGE CITY	07171203	0.04	Main Street	07171094	1.34	Lincoln Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	ORANGE CITY	07171093	0.21	Glebe Street	07171094	1.07	Lincoln Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	ORANGE CITY	07171029	0.69	North Day Street	07171069	0.00	Tony Gellato Plaza	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NUTLEY TWP	07161002	0.70	Walnut Street	07161019	0.32	Grant Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141922	0.28	Orange Street	07141922	0.29	Orange Street	1	0	0	0	0	1	Municipal	1.00	0.00
1255	5065	NJTPA	ESSEX	NEWARK CITY	07141922	0.04	Orange Street	07141682	0.00	North 13th Street	1	0	0	0	0	1	Municipal	1.00	0.00