

The Network Screening List is based upon a programmatic analysis of statewide locations utilizing data supplied by third party sources. Because of limitations in the data supplied and the method used to develop the list, users should be aware that the rankings of locations and data for locations may be incorrect and/or incomplete. Analysis and engineering judgement should be used when applying insights and assessing network locations. The New Jersey Department of Transportation makes no guarantees as to the accuracy, completeness, or content of the information. This list is subject to update as more information becomes available.

The New Jersey Department of Transportation, its officers, employees or agents shall not be liable for damages or losses of any kind arising out of or in connection with the use or performance of information, including but not limited to, damages or losses caused by reliance upon the accuracy or timeliness of any such information, or damages incurred from the viewing, distributing, or copying of these materials.

The materials and information provided herein are provided "as is." No warranty of any kind, implied, expressed, or statutory, including but not limited to the warranties of non-infringement of third party rights, title, merchantability, fitness for a particular purpose, and freedom from computer virus, is given with respect to the contents of this Networks Screening List or its hyperlinks to other Internet resources.

# New Jersey Network Screening Lists, 2019

## Essex - Pedestrian/Bicycle Corridor List (2012-2016 Crashes)

Developed by GPI, Jacobs, and MBO Engineering for the New Jersey Department of Transportation (NJDOT) Submitted Wednesday, May 1, 2019

Printed: Friday, May 31, 2019

**Crash Filtering Criteria:**

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
AND Road_Sys_Code	IN [5,6,7,8]	5 - County; 6 - County Authority; 7 - Municipal; 8 - Mun Authority
Intersection	NOT 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 Injury	A	\$655,000	55.0420	5.2150
Non-incapacitating Injury	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	SRI	Mile Post From	Mile Post To	Corridor Length	Route	Crashes by Severity (2012-2016)						Weighted Score (ePDO)	Weighted Score (eC)	Lane Count	Roadway System	Functional Class	Divided By
										Total Crashes	K	A	B	C	No Injury						
1	2	NJTPA	ESSEX	NEWARK CITY	07141865	0.40	1.40	1.00	BROAD ST	28	0	2	5	19	2	396.02	37.33	6	Municipal	Principal Arterial & Other	Painted Median
2	3	NJTPA	ESSEX	NEWARK CITY	00000510	26.06	27.06	1.00	ROUTE 510	19	0	3	6	10	0	370.76	35.13	4	County	Principal Arterial & Other	None
3	4	NJTPA	ESSEX	MONTCLAIR TWP	00000506	6.00	7.00	1.00	ROUTE 506	20	1	1	7	11	0	342.95	32.49	4	County	Principal Arterial & Other	None
4	6	NJTPA	ESSEX	EAST ORANGE CITY	00000508	7.75	8.75	1.00	ROUTE 508	24	0	2	2	17	3	325.87	30.59	2	County	Principal Arterial & Other	None
5	8	NJTPA	ESSEX	NEWARK CITY	00000508	9.13	10.13	1.00	ROUTE 508	19	1	1	4	11	2	294.91	27.75	4	County	Principal Arterial & Other	Painted Median
6	18	NJTPA	ESSEX	MILLBURN TWP	00000577	0.53	1.53	1.00	ROUTE 577	12	1	1	5	5	0	246.26	23.33	3	County	Principal Arterial & Other	None
7	20	NJTPA	ESSEX	IRVINGTON TWP	07000602	0.67	1.28	0.61	ESSEX COUNTY 602	13	1	1	2	7	2	219.33	20.59	2	County	Minor Arterial	None
8	26	NJTPA	ESSEX	NEWARK CITY	000005065	2.87	3.87	1.00	ROUTE 506 SPUR	20	0	0	6	9	5	200.08	18.48	4	County	Principal Arterial & Other	Painted Median
9	28	NJTPA	ESSEX	ORANGE CITY	07171203	0.08	1.08	1.00	MAIN ST	19	1	0	1	11	6	193.82	17.80	2	Municipal	Principal Arterial & Other	None
10	30	NJTPA	ESSEX	IRVINGTON TWP	07091881	0.10	1.10	1.00	CLINTON AVE	12	0	1	6	3	2	188.79	17.70	2	Municipal	Minor Arterial	None
11	33	NJTPA	ESSEX	NEWARK CITY	07141895	2.14	3.14	1.00	BERGEN ST	12	1	0	4	6	1	186.09	17.54	4	Municipal	Minor Arterial	None
12	35	NJTPA	ESSEX	IRVINGTON TWP	07000603	0.50	1.50	1.00	ESSEX COUNTY 603	18	0	0	3	12	3	179.70	16.74	4	County	Principal Arterial & Other	Painted Median
13	39	NJTPA	ESSEX	IRVINGTON TWP	07000601	0.75	1.75	1.00	ESSEX COUNTY 601	11	1	1	0	6	3	176.41	16.43	2	County	Minor Arterial	Painted Median
14	41	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	14.12	15.12	1.00	ROUTE 509	7	1	1	2	3	0	175.11	16.59	2	Municipal	Minor Arterial	Painted Median
15	42	NJTPA	ESSEX	NEWARK CITY	07091881	1.65	2.65	1.00	CLINTON AVE	9	1	1	1	4	2	170.98	16.01	5	Municipal	Minor Arterial	None
16	44	NJTPA	ESSEX	NEWARK CITY	00000510	27.12	28.12	1.00	ROUTE 510	11	0	1	3	6	1	169.41	15.96	2	County	Principal Arterial & Other	Painted Median
17	52	NJTPA	ESSEX	NEWARK CITY	07000667	1.05	2.05	1.00	ESSEX COUNTY 667	7	1	1	2	1	2	156.00	14.59	4	County	Minor Arterial	Painted Median
18	53	NJTPA	ESSEX	CALDWELL BORO	00000506	1.79	2.79	1.00	ROUTE 506	9	0	1	4	3	1	154.43	14.54	4	County	Principal Arterial & Other	None
19	61	NJTPA	ESSEX	MILLBURN TWP	00000527	70.32	71.32	1.00	ROUTE 527	11	0	1	2	5	3	144.18	13.38	2	County	Principal Arterial & Other	None
20	65	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	15.85	16.85	1.00	ROUTE 509	8	1	0	2	5	0	141.18	13.38	2	County	Minor Arterial	Painted Median
21	66	NJTPA	ESSEX	NUTLEY TWP	07000645	2.20	3.20	1.00	ESSEX COUNTY 645	8	1	0	3	3	1	137.75	12.96	2	County	Minor Arterial	None
22	69	NJTPA	ESSEX	IRVINGTON TWP	00000509	10.09	11.09	1.00	ROUTE 509	9	1	0	1	6	1	136.05	12.80	2	County	Minor Arterial	Painted Median
23	70	NJTPA	ESSEX	BLOOMFIELD TWP	000005065	0.49	1.49	1.00	ROUTE 506 SPUR	11	0	0	3	8	0	134.48	12.74	4	County	Principal Arterial & Other	Painted Median
24	71	NJTPA	ESSEX	ORANGE CITY	07000658	0.17	1.17	1.00	ESSEX COUNTY 658	8	0	1	2	4	1	131.62	12.38	4	County	Principal Arterial & Other	Painted Median
25	74	NJTPA	ESSEX	NEWARK CITY	07141891	1.14	2.14	1.00	ELIZABETH AVE	13	0	0	2	9	2	130.35	12.16	4	Municipal	Minor Arterial	Painted Median
26	81	NJTPA	ESSEX	NEWARK CITY	07141844	0.12	0.98	0.86	FERRY ST	13	0	0	1	10	2	124.23	11.58	2	Municipal	Minor Arterial	None
27	92	NJTPA	ESSEX	NEWARK CITY	07141912	0.00	0.70	0.70	LAFAYETTE ST	7	1	0	0	6	0	118.37	11.22	2	Municipal	Major Collector	Painted Median
27	92	NJTPA	ESSEX	EAST ORANGE CITY	00000509	11.47	12.47	1.00	ROUTE 509	7	0	1	0	6	0	118.37	11.22	4	County	Minor Arterial	None
29	100	NJTPA	ESSEX	NEWARK CITY	07141893	0.00	0.79	0.79	HAWTHORNE AVE	6	1	0	1	4	0	113.94	10.80	2	Municipal	Major Collector	None
30	113	NJTPA	ESSEX	NEWARK CITY	07141867	0.22	0.46	0.24	RAYMOND BLVD	7	1	0	0	5	1	108.82	10.22	5	Municipal	Minor Arterial	Painted Median
30	113	NJTPA	ESSEX	NEWARK CITY	07141846	0.00	0.59	0.59	MARKET ST	7	1	0	0	5	1	108.82	10.22	4	Municipal	Principal Arterial & Other	None
32	118	NJTPA	ESSEX	NEWARK CITY	07171203	2.34	3.34	1.00	MAIN ST	6	0	1	0	5	0	107.82	10.22	2	Municipal	Principal Arterial & Other	None
32	118	NJTPA	ESSEX	NEWARK CITY	07000619	1.49	2.49	1.00	ESSEX COUNTY 619	6	1	0	0	5	0	107.82	10.22	2	County	Minor Arterial	None
34	124	NJTPA	ESSEX	NEWARK CITY	07141904	0.05	0.99	0.94	DR ML KING JR BLVD	9	0	0	3	5	1	103.82	9.74	2	Municipal	Major Collector	Painted Median
35	125	NJTPA	ESSEX	VERONA TWP	00000506	3.69	4.69	1.00	ROUTE 506	5	1	0	1	3	0	103.39	9.80	4	County	Principal Arterial & Other	None
36	137	NJTPA	ESSEX	NEWARK CITY	00000510	28.56	29.56	1.00	MARKET ST	11	0	0	0	9	2	96.99	9.00	4	Municipal	Principal Arterial & Other	None
37	141	NJTPA	ESSEX	MONTCLAIR TWP	07000621	1.61	2.61	1.00	ESSEX COUNTY 621	5	0	1	1	2	1	93.83	8.80	2	County	Minor Arterial	None
38	150	NJTPA	ESSEX	NEWARK CITY	07141890	0.10	0.99	0.89	OSBORNE TERR	7	0	0	3	4	0	92.26	8.74	2	Municipal	Major Collector	Painted Median
39	164	NJTPA	ESSEX	ORANGE CITY	07171029	0.06	0.63	0.57	NORTH DAY ST	4	0	1	1	1	1	83.28	7.80	2	Municipal	Major Collector	None
40	168	NJTPA	ESSEX	NEWARK CITY	07141402	0.16	0.26	0.10	EDISON PL	3	0	1	1	1	0	82.28	7.80	2	Municipal	Local	Painted Median
40	168	NJTPA	ESSEX	NUTLEY TWP	07011283	1.14	2.14	1.00	PASSAIC AVE	3	0	1	1	1	0	82.28	7.80	2	Municipal	Minor Arterial	None
40	168	NJTPA	ESSEX	MONTCLAIR TWP	07131267	0.00	0.24	0.24	MISSION STREET	3	0	1	1	1	0	82.28	7.80	2	Municipal	Local	None
40	168	NJTPA	ESSEX	BLOOMFIELD TWP	00000509	17.65	18.65	1.00	ROUTE 509	3	1	0	1	1	0	82.28	7.80	2	County	Minor Arterial	Painted Median
40	168	NJTPA	ESSEX	NEWARK CITY	07141868	1.18	1.67	0.49	RAYMOND BLVD	3	1	0	1	1	0	82.28	7.80	3	Municipal	Principal Arterial & Other	Unknown
45	187	NJTPA	ESSEX	NEWARK CITY	07141900	0.46	1.46	1.00	IRVINE TURNER BLVD	9	0	0	1	6	2	82.01	7.58	4	Municipal	Minor Arterial	Barrier Median
46	189	NJTPA	ESSEX	ORANGE CITY	07171141	0.71	1.51	0.80	SOUTH CENTER ST	7	0	0	1	6	0	80.01	7.58	2	Municipal	Local	Painted Median
47	199	NJTPA	ESSEX	EAST ORANGE CITY	07141876	0.51	1.52	1.00	N MUNN AVE	7	0	0	2	4	1	76.58	7.16	2	Municipal	Minor Arterial	None
48	201	NJTPA	ESSEX	NEWARK CITY	07141915	0.67	1.29	0.62	UNIVERSITY AVE	3	1	0	0	2	0	76.15	7.22	2	Municipal	Major Collector	None
49	211	NJTPA	ESSEX	EAST ORANGE CITY	07171874	0.83	1.63	0.80	WILLIAM ST	6	0	0	2	4	0	75.58	7.16	2	Municipal	Minor Arterial	Painted Median
49	211	NJTPA	ESSEX	MONTCLAIR TWP	07131687	0.04	0.39	0.35	BELLEVEUE AVE	6	0	0	2	4	0	75.58	7.16	2	Municipal	Major Collector	None
51	227	NJTPA	ESSEX	MILLBURN TWP	07000649	0.02	0.24	0.22	ESSEX COUNTY 649	2	0	1	1	0	0	71.72	6.80	3	County	Principal Arterial & Other	Curbed Median
51	227	NJTPA	ESSEX	NEWARK CITY	07141165	0.79	0.89	0.10	LESLIE STREET	2	1	0	1	0	0	71.72	6.80	2	Municipal	Local	None
53	250	NJTPA	ESSEX	NUTLEY TWP	07000648	0.58	1.35	0.77	ESSEX COUNTY 648	8	0	0	1	5	2	71.45	6.58	2	County	Minor Arterial	None
54	253	NJTPA	ESSEX	IRVINGTON TWP	07141885	0.19	1.19	1.00	18TH AVE	6	0	0	1	5	0	69.45	6.58	2	Municipal	Minor Arterial	None
55	262	NJTPA	ESSEX	OUTH ORANGE VILLAGE TWP	07000638	1.81	2.81	1.00	ESSEX COUNTY 638	3	1	0	0	1	1	66.60	6.22	2	County	Minor Arterial	None
56	268	NJTPA	ESSEX	BLOOMFIELD TWP	07171827	0.78	1.78	1.00	DODD ST	6	0	0	2	3	1	66.03	6.16	2	Municipal	Minor Arterial	Painted Median
57	272	NJTPA	ESSEX	NEWARK CITY	07141515	0.18	0.28	0.10	NEW ST	2	1	0	0	1	0	65.60	6.22	2	Municipal	Local	None

# New Jersey Network Screening Lists, 2019

Essex - Pedestrian/Bicycle Corridor 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	NOT 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 Injury	A	\$655,000	55.0420	5.2150
Non-incapacitating Injury	B	\$198,500	16.6807	1.5804
Possible Injury	C	\$125,600	10.5546	1.0000
Property Damage Only	PDO	\$11,900	1.0000	-

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

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

County Rank	Rank (Weighted Score)	MPO	County	Town	SRI	Mile Post - From	Mile Post - To	Corridor Length	Route	Crashes by Severity (2012-2016)						Weighted Score (ePDO)	Weighted Score (eC)	Lane Count	Roadway System	Functional Class	Divided By
										Total Crashes	K	A	B	C	No Injury						
57	272	NJTPA	ESSEX	BELLEVILLE TWP	07011212	0.10	1.06	0.96	NEWARK	2	0	1	0	1	0	65.60	6.22	2	Municipal	Local	None
57	272	NJTPA	ESSEX	MONTCLAIR TWP	07000623	0.12	0.50	0.38	ESSEX COUNTY 623	2	1	0	0	1	0	65.60	6.22	2	County	Minor Arterial	None
57	272	NJTPA	ESSEX	IRVINGTON TWP	07000605	0.43	1.43	1.00	ESSEX COUNTY 605	2	0	1	0	1	0	65.60	6.22	2	County	Minor Arterial	None
61	297	NJTPA	ESSEX	EAST ORANGE CITY	07051824	0.34	1.05	0.71	S ARLINGTON AVE	8	0	0	0	6	2	65.33	6.00	2	Municipal	Major Collector	Painted Median
62	298	NJTPA	ESSEX	NEWARK CITY	07141270	0.11	0.48	0.37	QUITMAN ST	5	0	0	2	3	0	65.03	6.16	2	Municipal	Local	Painted Median
63	301	NJTPA	ESSEX	IRVINGTON TWP	07000619	0.32	1.32	1.00	ESSEX COUNTY 619	7	0	0	0	6	1	64.33	6.00	2	County	Minor Arterial	None
64	312	NJTPA	ESSEX	ORANGE CITY	07000638	3.43	4.44	1.00	ESSEX COUNTY 638	6	0	0	1	4	1	59.90	5.58	4	County	Minor Arterial	None
64	312	NJTPA	ESSEX	MAPLEWOOD TWP	07111794	0.20	0.79	0.59	W PARKER AVE	6	0	0	1	4	1	59.90	5.58	2	Municipal	Major Collector	None
66	314	NJTPA	ESSEX	IRVINGTON TWP	07091822	0.10	1.10	1.00	MILL ROAD	5	0	0	1	4	0	58.90	5.58	2	Municipal	Minor Arterial	None
66	314	NJTPA	ESSEX	EAST ORANGE CITY	07000658	2.12	3.12	1.00	ESSEX COUNTY 658	5	0	0	1	4	0	58.90	5.58	4	County	Principal Arterial & Other	None
66	314	NJTPA	ESSEX	NEWARK CITY	07141288	0.19	0.31	0.12	BRANFORD PL	5	0	0	1	4	0	58.90	5.58	2	Municipal	Minor Collector	None
69	329	NJTPA	ESSEX	NEWARK CITY	00000508	10.34	11.34	1.00	ROUTE 508	5	0	0	2	2	1	55.47	5.16	4	Municipal	Principal Arterial & Other	None
69	329	NJTPA	ESSEX	NEWARK CITY	07141914	0.18	0.39	0.21	PARK PL	5	0	0	2	2	1	55.47	5.16	5	Municipal	Major Collector	Painted Median
69	329	NJTPA	ESSEX	MAPLEWOOD TWP	00000124	13.03	14.03	1.00	NJ 124	5	0	0	2	2	1	55.47	5.16	3	Municipal	Principal Arterial & Other	None
72	337	NJTPA	ESSEX	MAPLEWOOD TWP	07111795	0.36	0.46	0.10	TUSCAN ST	1	0	1	0	0	0	55.04	5.22	2	Municipal	Minor Arterial	None
72	337	NJTPA	ESSEX	NEWARK CITY	07141260	0.56	1.56	1.00	WEST KINNEY STREET	1	0	1	0	0	0	55.04	5.22	2	Municipal	Local	Painted Median
72	337	NJTPA	ESSEX	MAPLEWOOD TWP	07111087	0.00	0.10	0.10	BOYDEN PKWY SO	1	0	1	0	0	0	55.04	5.22	2	Municipal	Local	None
72	337	NJTPA	ESSEX	NUTLEY TWP	07161285	0.26	0.36	0.10	PARK AVE	1	0	1	0	0	0	55.04	5.22	2	Municipal	Minor Arterial	None
72	337	NJTPA	ESSEX	FAIRFIELD BORO	07000662	0.06	0.16	0.10	ESSEX COUNTY 662	1	0	1	0	0	0	55.04	5.22	2	County	Major Collector	None
72	337	NJTPA	ESSEX	CEDAR GROVE TWP	07041100	0.00	0.10	0.10	MEADOWBROOK LANE	1	0	1	0	0	0	55.04	5.22	2	Municipal	Local	None
72	337	NJTPA	ESSEX	ORANGE CITY	07171001	0.20	0.30	0.10	BERWICK ST	1	0	1	0	0	0	55.04	5.22	2	Municipal	Local	None
72	337	NJTPA	ESSEX	WEST ORANGE TWP	00000577	6.79	7.79	1.00	ROUTE 577	1	0	1	0	0	0	55.04	5.22	3	County	Principal Arterial & Other	Curbed Median
72	337	NJTPA	ESSEX	NEWARK CITY	07141945	0.00	0.10	0.10	CLAY ST	1	0	1	0	0	0	55.04	5.22	2	Municipal	Major Collector	Other
72	337	NJTPA	ESSEX	GLEN RIDGE BORO	07081004	0.00	0.10	0.10	HILLSIDE AVE	1	0	1	0	0	0	55.04	5.22	2	Municipal	Local	None
72	337	NJTPA	ESSEX	MONTCLAIR TWP	07131206	0.48	0.58	0.10	LORRAINE AVENUE	1	0	1	0	0	0	55.04	5.22	2	Municipal	Local	None
72	337	NJTPA	ESSEX	LIVINGSTON TWP	07101390	2.59	2.69	0.10	N HILLSIDE AVE	1	0	1	0	0	0	55.04	5.22	2	Municipal	Major Collector	None
72	337	NJTPA	ESSEX	NEWARK CITY	07141290	0.00	0.10	0.10	MULBERRY ST	1	0	1	0	0	0	55.04	5.22	2	Municipal	Local	Painted Median
72	337	NJTPA	ESSEX	NEWARK CITY	07141618	0.30	0.40	0.10	LINCOLN AVE	1	0	1	0	0	0	55.04	5.22	2	Municipal	Local	None
86	463	NJTPA	ESSEX	NEWARK CITY	07141148	0.35	0.45	0.10	ALDINE ST	4	0	0	2	2	0	54.47	5.16	2	Municipal	Local	None
87	470	NJTPA	ESSEX	NEWARK CITY	07141916	0.22	1.22	1.00	WASHINGTON ST	6	0	0	0	5	1	53.77	5.00	3	Municipal	Major Collector	None
87	470	NJTPA	ESSEX	NEWARK CITY	07000603	1.70	2.70	1.00	ESSEX COUNTY 603	6	0	0	0	5	1	53.77	5.00	4	County	Principal Arterial & Other	Painted Median
89	473	NJTPA	ESSEX	IRVINGTON TWP	07091101	0.21	0.69	0.48	LINCOLN PL	5	0	0	0	5	0	52.77	5.00	2	Municipal	Local	None
90	490	NJTPA	ESSEX	NEWARK CITY	07141905	0.02	1.02	1.00	WILSON AVE	4	0	0	1	3	0	48.34	4.58	2	Municipal	Minor Arterial	Painted Median
90	490	NJTPA	ESSEX	IRVINGTON TWP	07000665	1.15	2.15	1.00	ESSEX COUNTY 665	4	0	0	1	3	0	48.34	4.58	4	County	Minor Arterial	Painted Median
90	490	NJTPA	ESSEX	NEWARK CITY	07141922	0.14	0.88	0.74	ORANGE ST	4	0	0	1	3	0	48.34	4.58	2	Municipal	Minor Arterial	Painted Median
93	501	NJTPA	ESSEX	IRVINGTON TWP	07091006	0.00	0.55	0.55	MAPLE AVE	4	0	0	2	1	1	44.92	4.16	2	Municipal	Local	None
93	501	NJTPA	ESSEX	ORANGE CITY	07000659	0.17	1.17	1.00	ESSEX COUNTY 659	4	0	0	2	1	1	44.92	4.16	4	County	Principal Arterial & Other	Painted Median
95	508	NJTPA	ESSEX	BELLEVILLE TWP	00000506	8.93	9.93	1.00	ROUTE 506	3	0	0	2	1	0	43.92	4.16	2	County	Minor Arterial	Painted Median
95	508	NJTPA	ESSEX	MILLBURN TWP	07000606	0.35	0.90	0.55	ESSEX COUNTY 606	3	0	0	2	1	0	43.92	4.16	2	County	Major Collector	None
95	508	NJTPA	ESSEX	IRVINGTON TWP	07111829	1.05	1.37	0.32	ELMWOOD AVE	3	0	0	2	1	0	43.92	4.16	2	Municipal	Major Collector	None
95	508	NJTPA	ESSEX	WEST ORANGE TWP	07221447	0.06	0.26	0.20	HARRISON AVE	3	0	0	2	1	0	43.92	4.16	2	Municipal	Major Collector	Painted Median
99	531	NJTPA	ESSEX	EAST ORANGE CITY	07171145	0.00	1.00	1.00	FREEWAY DR E	5	0	0	0	4	1	43.22	4.00	3	Municipal	Local	None
100	534	NJTPA	ESSEX	NEWARK CITY	07141926	0.50	1.50	1.00	MOUNT PROSPECT AVE	4	0	0	0	4	0	42.22	4.00	2	Municipal	Minor Arterial	Painted Median
100	534	NJTPA	ESSEX	NEWARK CITY	07141542	0.15	1.15	1.00	SUMMER AVE	4	0	0	0	4	0	42.22	4.00	2	Municipal	Local	None
100	534	NJTPA	ESSEX	NEWARK CITY	07141403	0.35	0.48	0.13	NIAGARA ST	4	0	0	0	4	0	42.22	4.00	2	Municipal	Local	None
100	534	NJTPA	ESSEX	NEWARK CITY	07141900	2.64	3.64	1.00	CLIFTON AVE	4	0	0	0	4	0	42.22	4.00	2	Municipal	Minor Arterial	None
104	548	NJTPA	ESSEX	NEWARK CITY	07141906	0.10	0.94	0.84	SOUTH ST	4	0	0	1	2	1	38.79	3.58	2	Municipal	Minor Arterial	Painted Median
104	548	NJTPA	ESSEX	IRVINGTON TWP	07091802	0.45	0.83	0.38	MYRTLE AVE	4	0	0	1	2	1	38.79	3.58	2	Municipal	Major Collector	None
104	548	NJTPA	ESSEX	NEWARK CITY	07091883	2.12	3.12	1.00	15TH AVE	4	0	0	1	2	1	38.79	3.58	2	Municipal	Major Collector	Painted Median
107	561	NJTPA	ESSEX	NEWARK CITY	07141919	0.34	1.13	0.79	FIRST ST	3	0	0	1	2	0	37.79	3.58	2	Municipal	Major Collector	None
107	561	NJTPA	ESSEX	NEWARK CITY	07091882	0.03	1.03	1.00	AVON AVE	3	0	0	1	2	0	37.79	3.58	2	Municipal	Major Collector	None
107	561	NJTPA	ESSEX	IRVINGTON TWP	07091185	0.00	0.31	0.31	YALE AVE	3	0	0	1	2	0	37.79	3.58	2	Municipal	Local	None
107	561	NJTPA	ESSEX	MONTCLAIR TWP	07000621	0.00	1.00	1.00	ESSEX COUNTY 621	3	0	0	1	2	0	37.79	3.58	2	County	Minor Arterial	None
107	561	NJTPA	ESSEX	EAST ORANGE CITY	07000605	1.72	2.72	1.00	ESSEX COUNTY 605	3	0	0	1	2	0	37.79	3.58	2	County	Minor Arterial	Painted Median
107	561	NJTPA	ESSEX	BELLEVILLE TWP	07000672	0.01	0.60	0.59	ESSEX COUNTY 672	3	0	0	1	2	0	37.79	3.58	2	County	Major Collector	None
107	561	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	00000510	23.98	24.98	1.00	ROUTE 510	3	0	0	1	2	0	37.79	3.58	4	County	Principal Arterial & Other	None
107	561	NJTPA	ESSEX	IRVINGTON TWP	07091827	0.47	0.75	0.28	CLEREMONT AVE	3	0	0	1	2	0	37.79	3.58	2	Municipal	Major Collector	None
107	561	NJTPA	ESSEX	NEWARK CITY	07141913	1.03	1.71	0.68	DELANCEY ST	3	0	0	1	2	0	37.79	3.58	2	Municipal	Major Collector	None

# New Jersey Network Screening Lists, 2019

Essex - Pedestrian/Bicycle Corridor 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	NOT 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 Injury	A	\$655,000	55.0420	5.2150
Non-incapacitating Injury	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	SRI	Mile Post - From	Mile Post - To	Corridor Length	Route	Crashes by Severity (2012-2016)						Weighted Score (ePDO)	Weighted Score (eC)	Lane Count	Roadway System	Functional Class	Divided By
										Total Crashes	K	A	B	C	No Injury						
116	600	NJTPA	ESSEX	EAST ORANGE CITY	07051823	0.90	1.90	1.00	S CLINTON ST	4	0	0	2	0	2	35.36	3.16	2	Municipal	Minor Arterial	Barrier Median
117	610	NJTPA	ESSEX	NEWARK CITY	07141917	0.83	0.93	0.10	LOCK ST	5	0	0	0	3	2	33.66	3.00	4	Municipal	Minor Arterial	Painted Median
118	614	NJTPA	ESSEX	NEWARK CITY	07141705	0.09	0.24	0.15	WEST END	2	0	0	2	0	0	33.36	3.16	2	Municipal	Local	None
118	614	NJTPA	ESSEX	NEWARK CITY	07141889	0.15	0.25	0.10	SUMMIT AVE	2	0	0	2	0	0	33.36	3.16	2	Municipal	Major Collector	None
118	614	NJTPA	ESSEX	MONTCLAIR TWP	07000668	0.36	0.46	0.10	ELM ST	2	0	0	2	0	0	33.36	3.16	2	County	Minor Arterial	None
118	614	NJTPA	ESSEX	NEWARK CITY	00000506SZ	0.00	0.19	0.19	BROAD ST	2	0	0	2	0	0	33.36	3.16	2	Municipal	Principal Arterial & Other	Unknown
118	614	NJTPA	ESSEX	IRVINGTON TWP	07091824	0.58	0.69	0.11	CHESTNUT AVE	2	0	0	2	0	0	33.36	3.16	2	Municipal	Major Collector	None
123	654	NJTPA	ESSEX	NEWARK CITY	07141921	0.00	1.00	1.00	8TH ST	4	0	0	0	3	1	32.66	3.00	2	Municipal	Major Collector	None
123	654	NJTPA	ESSEX	MONTCLAIR TWP	07131023	0.79	1.09	0.30	14 NORTH FULLERTON AVENUE	4	0	0	0	3	1	32.66	3.00	2	Municipal	Local	None
123	654	NJTPA	ESSEX	NEWARK CITY	07141113	0.14	1.03	0.89	MADISON AVE	4	0	0	0	3	1	32.66	3.00	2	Municipal	Local	Painted Median
126	660	NJTPA	ESSEX	NEWARK CITY	07141908	0.12	0.35	0.23	JACKSON ST	3	0	0	0	3	0	31.66	3.00	2	Municipal	Major Collector	None
126	660	NJTPA	ESSEX	MONTCLAIR TWP	07000620	0.14	0.92	0.78	ESSEX COUNTY 620	3	0	0	0	3	0	31.66	3.00	2	County	Minor Arterial	None
126	660	NJTPA	ESSEX	IRVINGTON TWP	07091880	0.32	1.32	1.00	NYE AVE	3	0	0	0	3	0	31.66	3.00	2	Municipal	Minor Arterial	None
126	660	NJTPA	ESSEX	NEWARK CITY	07141231	0.00	0.28	0.28	CAMDEN ST	3	0	0	0	3	0	31.66	3.00	2	Municipal	Local	None
126	660	NJTPA	ESSEX	EAST ORANGE CITY	07051144	0.23	1.14	0.91	FREEWAY DR	3	0	0	0	3	0	31.66	3.00	3	Municipal	Local	None
126	660	NJTPA	ESSEX	NEWARK CITY	07141907	0.08	0.41	0.33	VAN BUREN ST	3	0	0	0	3	0	31.66	3.00	1	Municipal	Major Collector	None
126	660	NJTPA	ESSEX	EAST ORANGE CITY	07051870	0.88	1.23	0.35	SPRINGDALE AVE	3	0	0	0	3	0	31.66	3.00	2	Municipal	Minor Arterial	Painted Median
133	695	NJTPA	ESSEX	NEWARK CITY	07141892	0.29	0.84	0.55	CLINTON PL	3	0	0	1	1	1	28.24	2.58	2	Municipal	Major Collector	Painted Median
133	695	NJTPA	ESSEX	MONTCLAIR TWP	07081356	0.08	0.33	0.25	GLENRIDGE AVE	3	0	0	1	1	1	28.24	2.58	2	Municipal	Major Collector	None
133	695	NJTPA	ESSEX	MAPLEWOOD TWP	07111792	0.68	0.79	0.11	RIDGEWOOD TERR	3	0	0	1	1	1	28.24	2.58	2	Municipal	Major Collector	None
133	695	NJTPA	ESSEX	NEWARK CITY	07141885	2.02	3.02	1.00	18TH AVE	3	0	0	1	1	1	28.24	2.58	2	Municipal	Minor Arterial	Painted Median
133	695	NJTPA	ESSEX	IRVINGTON TWP	07091825	0.00	0.28	0.28	MADISON AVE	3	0	0	1	1	1	28.24	2.58	2	Municipal	Major Collector	None
133	695	NJTPA	ESSEX	NEWARK CITY	07141909	0.27	0.73	0.46	ADAMS ST	3	0	0	1	1	1	28.24	2.58	1	Municipal	Major Collector	None
139	720	NJTPA	ESSEX	CALDWELL BORO	07000632	0.93	1.18	0.25	ESSEX COUNTY 632	2	0	0	1	1	0	27.24	2.58	2	County	Major Collector	None
139	720	NJTPA	ESSEX	BELLEVILLE TWP	07011001	0.00	0.18	0.18	JORALEMON ST	2	0	0	1	1	0	27.24	2.58	2	Municipal	Local	Painted Median
139	720	NJTPA	ESSEX	ROSELAND BORO	00000527	78.66	79.66	1.00	ROUTE 527	2	0	0	1	1	0	27.24	2.58	3	County	Minor Arterial	None
139	720	NJTPA	ESSEX	NEWARK CITY	07141376	0.63	0.73	0.10	ELM ST	2	0	0	1	1	0	27.24	2.58	2	Municipal	Local	None
139	720	NJTPA	ESSEX	NEWARK CITY	07141370	0.10	0.39	0.29	CONGRESS ST	2	0	0	1	1	0	27.24	2.58	2	Municipal	Local	Unknown
139	720	NJTPA	ESSEX	MONTCLAIR TWP	07000618	1.21	1.31	0.10	ESSEX COUNTY 618	2	0	0	1	1	0	27.24	2.58	2	County	Major Collector	None
139	720	NJTPA	ESSEX	ROSELAND BORO	07000609	3.54	4.03	0.49	ESSEX COUNTY 609	2	0	0	1	1	0	27.24	2.58	2	County	Principal Arterial & Other	Curbed Median
139	720	NJTPA	ESSEX	NEWARK CITY	07141089	0.04	0.28	0.24	SCHUYLER AVE	2	0	0	1	1	0	27.24	2.58	2	Municipal	Local	Painted Median
139	720	NJTPA	ESSEX	EAST ORANGE CITY	07021299	0.15	0.25	0.10	LESLIE STREET	2	0	0	1	1	0	27.24	2.58	2	Municipal	Local	Painted Median
139	720	NJTPA	ESSEX	EAST ORANGE CITY	07051142	0.15	0.43	0.28	RHODE ISLAND	2	0	0	1	1	0	27.24	2.58	2	Municipal	Local	None
139	720	NJTPA	ESSEX	NEWARK CITY	07141193	0.62	0.88	0.26	FOURTEENTH AVE	2	0	0	1	1	0	27.24	2.58	2	Municipal	Local	None
139	720	NJTPA	ESSEX	NEWARK CITY	07141927	0.05	0.53	0.48	VERONA AVE	2	0	0	1	1	0	27.24	2.58	2	Municipal	Major Collector	Painted Median
139	720	NJTPA	ESSEX	ROSELAND BORO	07000656	0.76	1.11	0.35	ESSEX COUNTY 656	2	0	0	1	1	0	27.24	2.58	2	County	Major Collector	Painted Median
139	720	NJTPA	ESSEX	CALDWELL BORO	07031147	0.00	0.21	0.21	PARK AVE	2	0	0	1	1	0	27.24	2.58	2	Municipal	Major Collector	None
139	720	NJTPA	ESSEX	LIVINGSTON TWP	00000508	2.66	3.66	1.00	ROUTE 508	2	0	0	1	1	0	27.24	2.58	2	County	Principal Arterial & Other	Curbed Median
139	720	NJTPA	ESSEX	NEWARK CITY	07141099	0.22	0.33	0.11	E PEDDIE ST	2	0	0	1	1	0	27.24	2.58	2	Municipal	Local	Painted Median
155	841	NJTPA	ESSEX	EAST ORANGE CITY	07191831	1.48	2.23	0.75	CENTRE ST	4	0	0	0	2	2	23.11	2.00	2	Municipal	Minor Arterial	None
156	844	NJTPA	ESSEX	MONTCLAIR TWP	07131031	0.12	0.37	0.25	FOREST STREET	3	0	0	0	2	1	22.11	2.00	2	Municipal	Local	None
156	844	NJTPA	ESSEX	NEWARK CITY	07141409	0.14	0.29	0.15	KOSSUTH ST	3	0	0	0	2	1	22.11	2.00	2	Municipal	Local	None
158	857	NJTPA	ESSEX	NEWARK CITY	07141343	0.20	0.33	0.13	MCWHORTER ST	2	0	0	0	2	0	21.11	2.00	2	Municipal	Minor Collector	None
158	857	NJTPA	ESSEX	NEWARK CITY	07141577	0.30	0.51	0.21	7TH AVE	2	0	0	0	2	0	21.11	2.00	2	Municipal	Local	Unknown
158	857	NJTPA	ESSEX	IRVINGTON TWP	07091002	0.33	0.45	0.12	AUGUSTA ST	2	0	0	0	2	0	21.11	2.00	2	Municipal	Local	Painted Median
158	857	NJTPA	ESSEX	MONTCLAIR TWP	07131269	0.00	0.10	0.10	ELMWOOD AVE	2	0	0	0	2	0	21.11	2.00	2	Municipal	Local	None
158	857	NJTPA	ESSEX	NEWARK CITY	07141108	0.00	0.10	0.10	JOHNSON AVE	2	0	0	0	2	0	21.11	2.00	2	Municipal	Local	Painted Median
158	857	NJTPA	ESSEX	NEWARK CITY	07141073	0.07	0.60	0.53	RENNER AVENUE	2	0	0	0	2	0	21.11	2.00	2	Municipal	Local	Painted Median
158	857	NJTPA	ESSEX	NEWARK CITY	07141227	1.01	1.11	0.10	LITTLETON AVE	2	0	0	0	2	0	21.11	2.00	2	Municipal	Local	None
158	857	NJTPA	ESSEX	BLOOMFIELD TWP	07171830	1.05	2.05	1.00	GLENWOOD AVE	2	0	0	0	2	0	21.11	2.00	2	Municipal	Minor Arterial	None
158	857	NJTPA	ESSEX	NEWARK CITY	07141151	0.05	0.26	0.21	SCHLEY ST	2	0	0	0	2	0	21.11	2.00	2	Municipal	Local	None
158	857	NJTPA	ESSEX	NEWARK CITY	07141098	0.21	0.67	0.46	W BIGELOW ST	2	0	0	0	2	0	21.11	2.00	2	Municipal	Local	None
158	857	NJTPA	ESSEX	NEWARK CITY	07141060	0.72	0.82	0.10	LEHIGH AVE	2	0	0	0	2	0	21.11	2.00	2	Municipal	Local	Painted Median
158	857	NJTPA	ESSEX	NEWARK CITY	07141928	0.38	0.48	0.10	LAKE ST	2	0	0	0	2	0	21.11	2.00	2	Municipal	Major Collector	Painted Median
158	857	NJTPA	ESSEX	EAST ORANGE CITY	07221877	0.64	1.64	1.00	TREMONT AVE	2	0	0	0	2	0	21.11	2.00	2	Municipal	Major Collector	Painted Median
158	857	NJTPA	ESSEX	EAST ORANGE CITY	07051828	0.01	1.01	1.00	EVERGREEN PL	2	0	0	0	2	0	21.11	2.00	2	Municipal	Minor Arterial	Painted Median
158	857	NJTPA	ESSEX	IRVINGTON TWP	07091070	0.11	0.21	0.10	TREMONT ST	2	0	0	0	2	0	21.11	2.00	2	Municipal	Local	None
158	857	NJTPA	ESSEX	EAST ORANGE CITY	07051088	0.00	0.35	0.35	WOODLAND AVE	2	0	0	0	2	0	21.11	2.00	2	Municipal	Local	Painted Median

# New Jersey Network Screening Lists, 2019

Essex - Pedestrian/Bicycle Corridor 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	NOT 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 Injury	A	\$655,000	55.0420	5.2150
Non-incapacitating Injury	B	\$198,500	16.6807	1.5804
Possible Injury	C	\$125,600	10.5546	1.0000
Property Damage Only	PDO	\$11,900	1.0000	-

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

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

County Rank	Rank (Weighted Score)	MPO	County	Town	SRI	Mile Post - From	Mile Post - To	Corridor Length	Route	Crashes by Severity (2012-2016)						Weighted Score (ePDO)	Weighted Score (eC)	Lane Count	Roadway System	Functional Class	Divided By
										Total Crashes	K	A	B	C	No Injury						
158	857	NJTPA	ESSEX	MONTCLAIR TWP	07131360	0.26	0.79	0.53	CHESTNUT ST	2	0	0	0	2	0	21.11	2.00	2	Municipal	Major Collector	None
158	857	NJTPA	ESSEX	NEWARK CITY	07141676	0.24	0.34	0.10	NINTH AVE	2	0	0	0	2	0	21.11	2.00	2	Municipal	Minor Collector	None
158	857	NJTPA	ESSEX	NEWARK CITY	07141596	0.02	0.21	0.19	CHESTER AVE	2	0	0	0	2	0	21.11	2.00	2	Municipal	Local	Painted Median
158	857	NJTPA	ESSEX	NEWARK CITY	07141624	1.14	1.95	0.81	PARKER ST	2	0	0	0	2	0	21.11	2.00	2	Municipal	Local	None
158	857	NJTPA	ESSEX	NEWARK CITY	07141632	0.07	0.17	0.10	HELLER PARKWAY	2	0	0	0	2	0	21.11	2.00	2	Municipal	Local	Unknown
179	948	NJTPA	ESSEX	WEST CALDWELL TWP	07000613	2.08	3.08	1.00	ESSEX COUNTY 613	3	0	0	1	0	2	18.68	1.58	4	County	Minor Arterial	None
180	955	NJTPA	ESSEX	IRVINGTON TWP	07141233	1.05	1.15	0.10	SIXTEENTH AVE	2	0	0	1	0	1	17.68	1.58	2	Municipal	Major Collector	None
180	955	NJTPA	ESSEX	WEST ORANGE TWP	07221458	0.00	0.10	0.10	FRANKLIN AVE	2	0	0	1	0	1	17.68	1.58	2	Municipal	Major Collector	Barrier Median
180	955	NJTPA	ESSEX	EAST ORANGE CITY	07051832	0.21	0.40	0.19	ELMWOOD AVE	2	0	0	1	0	1	17.68	1.58	2	Municipal	Major Collector	Grass Median
180	955	NJTPA	ESSEX	WEST ORANGE TWP	07221239	0.27	0.78	0.51	SAMUEL ST	2	0	0	1	0	1	17.68	1.58	2	Municipal	Local	None
180	955	NJTPA	ESSEX	BLOOMFIELD TWP	07000622	0.71	0.81	0.10	ESSEX COUNTY 622	2	0	0	1	0	1	17.68	1.58	2	County	Minor Arterial	Painted Median
180	955	NJTPA	ESSEX	NEWARK CITY	07141929	0.20	0.45	0.25	2ND AVE	2	0	0	1	0	1	17.68	1.58	2	Municipal	Major Collector	None
180	955	NJTPA	ESSEX	BELLEVILLE TWP	07000645	0.06	1.06	1.00	ESSEX COUNTY 645	2	0	0	1	0	1	17.68	1.58	2	County	Minor Arterial	None
180	955	NJTPA	ESSEX	ROSELAND BORO	07000613	0.00	1.00	1.00	ESSEX COUNTY 613	2	0	0	1	0	1	17.68	1.58	2	County	Minor Arterial	None
188	1,015	NJTPA	ESSEX	WEST CALDWELL TWP	07031146	0.53	0.63	0.10	SMULL AVE	1	0	0	1	0	0	16.68	1.58	2	Municipal	Minor Arterial	None
188	1,015	NJTPA	ESSEX	FAIRFIELD BORO	07000613	3.60	4.60	1.00	ESSEX COUNTY 613	1	0	0	1	0	0	16.68	1.58	4	County	Principal Arterial & Other	None
188	1,015	NJTPA	ESSEX	ORANGE CITY	07171116	0.00	0.10	0.10	ELLIOT PL	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	WEST ORANGE TWP	07171163	0.25	0.35	0.10	MITCHELL ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	Painted Median
188	1,015	NJTPA	ESSEX	LIVINGSTON TWP	00000510	18.64	19.64	1.00	ROUTE 510	1	0	0	1	0	0	16.68	1.58	4	County	Principal Arterial & Other	Curbed Median
188	1,015	NJTPA	ESSEX	MAPLEWOOD TWP	07111125	0.01	0.11	0.10	2 SOUTH MOUNTAIN RESERVATION	1	0	0	1	0	0	16.68	1.58	2	Co Auth, Park or Inst	Local	None
188	1,015	NJTPA	ESSEX	MONTCLAIR TWP	07131363	0.69	0.79	0.10	CLAREMONT AVE	1	0	0	1	0	0	16.68	1.58	2	Municipal	Major Collector	None
188	1,015	NJTPA	ESSEX	IRVINGTON TWP	07091095	0.22	0.32	0.10	BROSS PL	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	FAIRFIELD BORO	07000625	2.08	2.18	0.10	ESSEX COUNTY 625	1	0	0	1	0	0	16.68	1.58	2	County	Major Collector	None
188	1,015	NJTPA	ESSEX	MILLBURN TWP	07121027	0.93	1.03	0.10	LONG HILL DRIVE	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	00000577	2.92	3.92	1.00	ROUTE 577	1	0	0	1	0	0	16.68	1.58	2	County	Minor Arterial	None
188	1,015	NJTPA	ESSEX	MAPLEWOOD TWP	07111009	0.00	0.10	0.10	EVELYN CT	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	MONTCLAIR TWP	07000669	1.07	1.17	0.10	ESSEX COUNTY 669	1	0	0	1	0	0	16.68	1.58	2	County	Minor Arterial	None
188	1,015	NJTPA	ESSEX	NEWARK CITY	07091780	0.69	0.79	0.10	MT VERNON PL	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	NEWARK CITY	07091728	0.24	0.34	0.10	S MUNN AVE	1	0	0	1	0	0	16.68	1.58	1	Municipal	Minor Arterial	None
188	1,015	NJTPA	ESSEX	NUTLEY TWP	07161039	0.14	0.24	0.10	MYRTLE AVENUE	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	NUTLEY TWP	07011007	0.92	1.02	0.10	PROSPECT STREET	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	IRVINGTON TWP	07091883	0.14	1.14	1.00	15TH AVE	1	0	0	1	0	0	16.68	1.58	2	Municipal	Major Collector	Painted Median
188	1,015	NJTPA	ESSEX	NEWARK CITY	07141404	0.15	0.25	0.10	BARBARA ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	NEWARK CITY	07141592	0.51	0.61	0.10	GARSDIE ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	NORTH CALDWELL BORO	00000527	82.16	83.16	1.00	ROUTE 527	1	0	0	1	0	0	16.68	1.58	2	County	Minor Arterial	None
188	1,015	NJTPA	ESSEX	NEWARK CITY	07141920	0.96	1.96	1.00	N 6TH ST	1	0	0	1	0	0	16.68	1.58	1	Municipal	Minor Arterial	Painted Median
188	1,015	NJTPA	ESSEX	NEWARK CITY	07141092	0.38	0.48	0.10	W RUNYON	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	Painted Median
188	1,015	NJTPA	ESSEX	NEWARK CITY	07141662	0.19	0.29	0.10	THIRD ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	CALDWELL BORO	07031009	0.13	0.23	0.10	BIRKENDENE ROAD	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	NEWARK CITY	07141106	0.22	0.32	0.10	PRINCE STREET	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	BLOOMFIELD TWP	07021869	0.00	0.10	0.10	MUNICIPAL PLAZA	1	0	0	1	0	0	16.68	1.58	2	Municipal	Major Collector	None
188	1,015	NJTPA	ESSEX	BLOOMFIELD TWP	07021847	0.00	0.10	0.10	SUMMIT AVE	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	BLOOMFIELD TWP	07021150	0.13	0.23	0.10	PULASKI STREET	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	ORANGE CITY	07171128	0.20	0.30	0.10	MORRIS ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	ORANGE CITY	07171057	0.06	0.16	0.10	SUMMER ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	ORANGE CITY	07171122	0.19	0.29	0.10	N JEFFERSON ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	Painted Median
188	1,015	NJTPA	ESSEX	MONTCLAIR TWP	07131364	0.89	0.99	0.10	ORANGE RD	1	0	0	1	0	0	16.68	1.58	2	Municipal	Major Collector	None
188	1,015	NJTPA	ESSEX	LIVINGSTON TWP	00000527	76.00	77.00	1.00	ROUTE 527	1	0	0	1	0	0	16.68	1.58	4	County	Principal Arterial & Other	None
188	1,015	NJTPA	ESSEX	EAST ORANGE CITY	070518231	0.89	1.89	1.00	N CLINTON ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Minor Arterial	None
188	1,015	NJTPA	ESSEX	BLOOMFIELD TWP	07021039	0.18	0.28	0.10	WATSESSING AVE	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	IRVINGTON TWP	07091054	0.06	0.16	0.10	NEW ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Minor Collector	None
188	1,015	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07111787	1.80	2.80	1.00	MAPLEWOOD AVE	1	0	0	1	0	0	16.68	1.58	2	Municipal	Minor Arterial	Painted Median
188	1,015	NJTPA	ESSEX	NEWARK CITY	07141441	0.34	0.44	0.10	CHAPEL ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Minor Collector	None
188	1,015	NJTPA	ESSEX	ORANGE CITY	07171123	0.15	0.25	0.10	SOUTH JEFFERSON ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	NEWARK CITY	07141204	0.14	0.24	0.10	KENT STREET	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	LIVINGSTON TWP	07101419	0.05	0.15	0.10	PARK DR	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	NEWARK CITY	07141707	0.00	0.10	0.10	BOYLAN ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	BLOOMFIELD TWP	07021073	0.53	0.63	0.10	SPRUCE ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	Painted Median

# New Jersey Network Screening Lists, 2019

Essex - Pedestrian/Bicycle Corridor 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	NOT 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 Injury	A	\$655,000	55.0420	5.2150
Non-incapacitating Injury	B	\$198,500	16.6807	1.5804
Possible Injury	C	\$125,600	10.5546	1.0000
Property Damage Only	PDO	\$11,900	1.0000	-

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

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

County Rank	Rank (Weighted Score)	MPO	County	Town	SRI	Mile Post - From	Mile Post - To	Corridor Length	Route	Crashes by Severity (2012-2016)						Weighted Score (ePDO)	Weighted Score (eC)	Lane Count	Roadway System	Functional Class	Divided By
										Total Crashes	K	A	B	C	No Injury						
188	1,015	NJTPA	ESSEX	BLOOMFIELD TWP	07021014	0.17	0.27	0.10	ROWE ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	Painted Median
188	1,015	NJTPA	ESSEX	BLOOMFIELD TWP	070216841	0.18	0.28	0.10	ORANGE ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	NEWARK CITY	07141469	0.69	0.79	0.10	FOUNDRY ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	NEWARK CITY	07141361	0.09	0.19	0.10	DOWING ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	MONTCLAIR TWP	07131106	0.15	0.25	0.10	SOUTH PARK STREET	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	MAPLEWOOD TWP	07000630	0.92	1.02	0.10	ESSEX COUNTY 630	1	0	0	1	0	0	16.68	1.58	2	County	Principal Arterial & Other	None
188	1,015	NJTPA	ESSEX	WEST ORANGE TWP	07131238	0.46	0.56	0.10	WATCHUNG AV	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07111798	0.20	0.30	0.10	ACADEMY ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Major Collector	None
188	1,015	NJTPA	ESSEX	ORANGE CITY	07081023	2.08	2.18	0.10	ESSEX COUNTY 659	1	0	0	1	0	0	16.68	1.58	2	County	Local	None
188	1,015	NJTPA	ESSEX	VERONA TWP	07201108	0.00	0.10	0.10	REID PL	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
188	1,015	NJTPA	ESSEX	GLEN RIDGE BORO	07021336	0.21	0.31	0.10	ESSEX AVENUE	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
243	1,570	NJTPA	ESSEX	NEWARK CITY	07141898	0.14	0.46	0.32	HILLSIDE AVE	3	0	0	0	1	2	12.55	1.00	2	Municipal	Major Collector	None
243	1,570	NJTPA	ESSEX	NUTLEY TWP	07000646	0.22	0.32	0.10	ESSEX COUNTY 646	3	0	0	0	1	2	12.55	1.00	2	County	Minor Arterial	Unknown
245	1,586	NJTPA	ESSEX	ORANGE CITY	07171079	0.00	0.22	0.22	WHITE ST	2	0	0	0	1	1	11.55	1.00	2	Municipal	Local	Curbed Median
245	1,586	NJTPA	ESSEX	NEWARK CITY	07141930	0.00	0.60	0.60	HELLER PARKWAY	2	0	0	0	1	1	11.55	1.00	2	Municipal	Minor Arterial	Painted Median
245	1,586	NJTPA	ESSEX	NEWARK CITY	07141120	0.01	0.11	0.10	LINCOLN PARK	2	0	0	0	1	1	11.55	1.00	3	Municipal	Local	Unknown
245	1,586	NJTPA	ESSEX	VERONA TWP	00000577	8.95	9.95	1.00	ROUTE 577	2	0	0	0	1	1	11.55	1.00	2	County	Principal Arterial & Other	None
245	1,586	NJTPA	ESSEX	NEWARK CITY	07141317	0.05	0.34	0.29	HALSEY ST	2	0	0	0	1	1	11.55	1.00	2	Municipal	Local	Painted Median
245	1,586	NJTPA	ESSEX	NEWARK CITY	07141077	0.65	0.79	0.14	CHADWICK AVE	2	0	0	0	1	1	11.55	1.00	2	Municipal	Local	None
245	1,586	NJTPA	ESSEX	LIVINGSTON TWP	00000527	74.02	75.02	1.00	ROUTE 527	2	0	0	0	1	1	11.55	1.00	2	County	Minor Arterial	None
245	1,586	NJTPA	ESSEX	NEWARK CITY	07141005	0.14	0.27	0.13	PESHINE AVE	2	0	0	0	1	1	11.55	1.00	2	Municipal	Local	Painted Median
245	1,586	NJTPA	ESSEX	ORANGE CITY	07171126	0.00	0.21	0.21	ARGYLE AVE	2	0	0	0	1	1	11.55	1.00	2	Municipal	Local	None
245	1,586	NJTPA	ESSEX	VERONA TWP	07201069	0.00	0.10	0.10	PARK PL	2	0	0	0	1	1	11.55	1.00	2	Municipal	Local	None
245	1,586	NJTPA	ESSEX	MONTCLAIR TWP	07131115	0.00	0.30	0.30	MIDLAND AVE	2	0	0	0	1	1	11.55	1.00	2	Municipal	Major Collector	None
245	1,586	NJTPA	ESSEX	NEWARK CITY	07141102	0.13	0.23	0.10	RIDGEWOOD AVE	2	0	0	0	1	1	11.55	1.00	2	Municipal	Local	Painted Median
245	1,586	NJTPA	ESSEX	BLOOMFIELD TWP	07021019	0.42	0.52	0.10	BERKELEY AVE	2	0	0	0	1	1	11.55	1.00	2	Municipal	Local	Painted Median
258	1,673	NJTPA	ESSEX	MILLBURN TWP	07121228	0.09	0.19	0.10	CHURCH STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Painted Median
258	1,673	NJTPA	ESSEX	MAPLEWOOD TWP	07111797	0.69	0.79	0.10	PROSPECT ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	None
258	1,673	NJTPA	ESSEX	ORANGE CITY	07171049	0.00	0.10	0.10	ELIZABETH ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	IRVINGTON TWP	07091107	0.00	0.10	0.10	WALKER AVE	1	0	0	0	1	0	10.55	1.00	2	County	Local	Painted Median
258	1,673	NJTPA	ESSEX	CALDWELL BORO	07031069	0.12	0.22	0.10	ACADEMY RD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	BLOOMFIELD TWP	07021287	0.09	0.19	0.10	JEFFERSON AVENUE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141110	0.26	0.36	0.10	MUHAMMAD ALI AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141119	0.05	0.15	0.10	PENNSYLVANIA AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Painted Median
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141236	0.24	0.34	0.10	NINETEENTH AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Painted Median
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141389	0.28	0.38	0.10	NICHOLS ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141360	0.22	0.32	0.10	CLOVER ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141336	0.11	0.21	0.10	VANDERPOOL AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Unknown
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141483	0.08	0.18	0.10	PARK PL	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141627	0.00	0.10	0.10	ABINGTON AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141412	0.15	0.25	0.10	MARNE ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141901	1.11	1.21	0.10	S 11TH ST	1	0	0	0	1	0	10.55	1.00	1	Municipal	Major Collector	None
258	1,673	NJTPA	ESSEX	ORANGE CITY	07171099	0.00	0.10	0.10	ESSEX COUNTY 659	1	0	0	0	1	0	10.55	1.00	2	County	Local	Grass Median
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141494	0.22	0.32	0.10	COMMERCE ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Unknown
258	1,673	NJTPA	ESSEX	NEWARK CITY	07142018	0.12	0.22	0.10	SEVENTEENTH AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Painted Median
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141362	0.69	0.79	0.10	JEFFERSON ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Unknown
258	1,673	NJTPA	ESSEX	IRVINGTON TWP	07091709	0.46	0.56	0.10	LINDEN AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	IRVINGTON TWP	07091030	0.09	0.19	0.10	DELMAR PL	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	IRVINGTON TWP	07141779	0.30	0.40	0.10	MOUNTAIN VIEW PLACE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Painted Median
258	1,673	NJTPA	ESSEX	IRVINGTON TWP	07091169	0.21	0.31	0.10	ROSEHILL PL	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	GLEN RIDGE BORO	07021332	0.13	0.23	0.10	EDGEWOOD RD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141200	0.10	0.20	0.10	ASHLAND STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141884	0.00	0.10	0.10	VALLEY ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Minor Arterial	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141791	0.38	0.48	0.10	NORMAN RD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141544	0.06	0.16	0.10	CLARK STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141070	0.67	0.77	0.10	SHEPHARD AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141572	0.05	0.15	0.10	GRAFTON AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Painted Median
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141390	0.16	0.26	0.10	WARWICK ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None

# New Jersey Network Screening Lists, 2019

Essex - Pedestrian/Bicycle Corridor 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	NOT 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 Injury	A	\$655,000	55.0420	5.2150
Non-incapacitating Injury	B	\$198,500	16.6807	1.5804
Possible Injury	C	\$125,600	10.5546	1.0000
Property Damage Only	PDO	\$11,900	1.0000	-

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

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

County Rank	Rank (Weighted Score)	MPO	County	Town	SRI	Mile Post - From	Mile Post - To	Corridor Length	Route	Crashes by Severity (2012-2016)						Weighted Score (ePDO)	Weighted Score (eC)	Lane Count	Roadway System	Functional Class	Divided By
										Total Crashes	K	A	B	C	No Injury						
258	1,673	NJTPA	ESSEX	ESSEX FELS BORO	07061025	0.63	0.73	0.10	RENSELAE RD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	BLOOMFIELD TWP	07021184	0.00	0.10	0.10	WILLIAMS STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	ORANGE CITY	07171078	0.21	0.31	0.10	SOUTH ESSEX AV	1	0	0	0	1	0	10.55	1.00	2	Municipal	Minor Collector	Painted Median
258	1,673	NJTPA	ESSEX	BLOOMFIELD TWP	07021291	0.00	0.10	0.10	BEARDSLEY AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	CEDAR GROVE TWP	07041028	0.39	0.49	0.10	BIRCH RD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	IRVINGTON TWP	07091181	0.00	0.10	0.10	CORDIER ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141139	0.13	0.23	0.10	GRUMMAN AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141134	0.00	0.10	0.10	KEER AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141357	0.26	0.36	0.10	ALYEA ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141720	0.13	0.23	0.10	SILVER ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141116	0.38	0.48	0.10	EMMET ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141428	0.66	0.76	0.10	HAWKINS ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141372	0.41	0.51	0.10	MONROE ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141371	0.28	0.38	0.10	PROSPECT AVENUE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07142003	0.00	0.10	0.10	BROOME ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	MONTCLAIR TWP	07131218	0.29	0.39	0.10	LLEWELLYN RD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	MONTCLAIR TWP	07131254	0.12	0.22	0.10	THE CRESCENT	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	MILLBURN TWP	07121239	0.22	0.32	0.10	WHITTINGHAM TER	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	OUTH ORANGE VILLAGE TW	07000665	0.15	1.15	1.00	ESSEX COUNTY 665	1	0	0	0	1	0	10.55	1.00	2	County	Minor Arterial	Other
258	1,673	NJTPA	ESSEX	IRVINGTON TWP	07091076	0.23	0.33	0.10	ELMWOOD TER	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	MONTCLAIR TWP	07131270	0.00	0.10	0.10	HAWTHORNE PLACE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141222	0.90	1.00	0.10	SOUTH SEVENTH STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141003	0.41	0.51	0.10	HUNTERDON STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Painted Median
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141605	0.20	0.30	0.10	DELANAV	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Painted Median
258	1,673	NJTPA	ESSEX	ORANGE CITY	07171077	0.00	0.10	0.10	NORTH ESSEX AV	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NUTLEY TWP	07161191	0.24	0.34	0.10	HILLSIDE AVENUE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141911	0.05	0.15	0.10	WILLIAM ST	1	0	0	0	1	0	10.55	1.00	1	Municipal	Major Collector	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07000670	0.57	0.67	0.10	ESSEX COUNTY 670	1	0	0	0	1	0	10.55	1.00	2	County	Minor Arterial	None
258	1,673	NJTPA	ESSEX	EAST ORANGE CITY	07051873	0.43	0.53	0.10	4TH AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	Painted Median
258	1,673	NJTPA	ESSEX	WEST ORANGE TWP	07000660	0.32	0.42	0.10	MOUNTAIN VIEW ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Principal Arterial & Other	None
258	1,673	NJTPA	ESSEX	ROSELAND BORO	07000611	5.97	6.07	0.10	ESSEX COUNTY 611	1	0	0	0	1	0	10.55	1.00	4	County	Minor Arterial	None
258	1,673	NJTPA	ESSEX	ORANGE CITY	07171042	0.14	0.24	0.10	OAKWOOD PL	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	ORANGE CITY	07171094	0.74	0.84	0.10	LINCOLN AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Painted Median
258	1,673	NJTPA	ESSEX	NUTLEY TWP	07161182	0.18	0.28	0.10	VINCENT PL	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141931	0.39	0.49	0.10	ELMWOOD AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141358	0.00	0.10	0.10	MERCHANT ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141706	0.57	0.67	0.10	BROOKDALE AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141966	0.09	0.19	0.10	THOMAS STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141292	0.23	0.33	0.10	MULBERRY ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141093	0.26	0.36	0.10	W RUNYON STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Painted Median
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141383	0.37	0.47	0.10	OLIVER ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141311	0.16	0.26	0.10	BANK ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141299	0.00	0.10	0.10	W KINNEY	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141713	0.40	0.50	0.10	NORWOOD ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141388	0.25	0.35	0.10	GARDEN ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141235	0.00	1.00	1.00	FOURTEENTH AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Unknown
258	1,673	NJTPA	ESSEX	MONTCLAIR TWP	07131014	0.00	0.10	0.10	PINE STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	MONTCLAIR TWP	07131234	0.60	0.70	0.10	HIGH STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	BELLEVILLE TWP	07011282	0.29	1.29	1.00	230 JORALEMON ST	1	0	0	0	1	0	10.55	1.00	2	Mun Auth, Park or Inst	Major Collector	None
258	1,673	NJTPA	ESSEX	MILLBURN TWP	07121083	2.19	2.29	0.10	MARION AVENUE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	MILLBURN TWP	07121289	0.41	0.51	0.10	GREAT HILLS RD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	None
258	1,673	NJTPA	ESSEX	MILLBURN TWP	07121249	0.00	0.10	0.10	MYRTLE AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	MILLBURN TWP	07121255	0.00	0.10	0.10	HOLMES STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	MAPLEWOOD TWP	07111076	0.00	0.10	0.10	BROWN ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	MAPLEWOOD TWP	07111064	0.00	0.10	0.10	BERKSHIRE RD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	MAPLEWOOD TWP	07111080	0.12	0.22	0.10	LAUREL AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	MILLBURN TWP	00000527	72.65	73.65	1.00	ROUTE 527	1	0	0	0	1	0	10.55	1.00	2	County	Minor Arterial	None
258	1,673	NJTPA	ESSEX	IRVINGTON TWP	07141807	0.35	0.45	0.10	UNIVERSITY PL	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None

# New Jersey Network Screening Lists, 2019

Essex - Pedestrian/Bicycle Corridor 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	NOT 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 Injury	A	\$655,000	55.0420	5.2150
Non-incapacitating Injury	B	\$198,500	16.6807	1.5804
Possible Injury	C	\$125,600	10.5546	1.0000
Property Damage Only	PDO	\$11,900	1.0000	-

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

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

County Rank	Rank (Weighted Score)	MPO	County	Town	SRI	Mile Post - From	Mile Post - To	Corridor Length	Route	Crashes by Severity (2012-2016)						Weighted Score (ePDO)	Weighted Score (eC)	Lane Count	Roadway System	Functional Class	Divided By
										Total Crashes	K	A	B	C	No Injury						
258	1,673	NJTPA	ESSEX	IRVINGTON TWP	07091023	0.09	0.19	0.10	SMALLEY TERR	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	IRVINGTON TWP	07091806	0.32	0.42	0.10	TWENTY-FIRST ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	EAST ORANGE CITY	07051825	0.54	0.64	0.10	HOFFMAN BLVD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	None
258	1,673	NJTPA	ESSEX	EAST ORANGE CITY	07051130	0.55	0.65	0.10	S WALNUT ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Painted Median
258	1,673	NJTPA	ESSEX	BLOOMFIELD TWP	07021040	0.11	0.21	0.10	WILLARD AVENUE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	BLOOMFIELD TWP	07021222	0.00	0.10	0.10	MERKEL DR	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141342	0.00	0.10	0.10	UNION ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Minor Collector	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141918	0.33	0.43	0.10	WARREN ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Minor Arterial	None
258	1,673	NJTPA	ESSEX	MONTCLAIR TWP	07131034	0.35	0.45	0.10	GREENWOOD AVENUE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	MILLBURN TWP	07121444	0.10	0.20	0.10	BROOKSIDE DR	1	0	0	0	1	0	10.55	1.00	2	Municipal	Minor Arterial	None
258	1,673	NJTPA	ESSEX	MILLBURN TWP	07121799	0.22	0.32	0.10	RIDGEWOOD ROAD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	None
258	1,673	NJTPA	ESSEX	WEST ORANGE TWP	07111787	3.06	4.06	1.00	MAPLEWOOD AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Principal Arterial & Other	Painted Median
258	1,673	NJTPA	ESSEX	MAPLEWOOD TWP	07111787	0.09	1.09	1.00	MAPLEWOOD AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	None
258	1,673	NJTPA	ESSEX	LIVINGSTON TWP	07101395	0.27	0.37	0.10	BRYANT DR	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	None
258	1,673	NJTPA	ESSEX	IRVINGTON TWP	07091879	0.00	1.00	1.00	EASTERN PKWY	1	0	0	0	1	0	10.55	1.00	2	Municipal	Minor Arterial	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07051671	0.79	0.89	0.10	FIRST AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	IRVINGTON TWP	07091117	0.00	0.10	0.10	FEINER PL	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	IRVINGTON TWP	07091109	0.73	0.83	0.10	NESBIT TER	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	GLEN RIDGE BORO	07081041	0.41	0.51	0.10	SHERMAN AVENUE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	EAST ORANGE CITY	07051129	0.87	0.97	0.10	HALSTED STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	None
258	1,673	NJTPA	ESSEX	BLOOMFIELD TWP	07021077	0.19	0.29	0.10	PARK AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	BLOOMFIELD TWP	07021047	0.31	0.41	0.10	HILL ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	BELLEVILLE TWP	07011104	0.16	0.26	0.10	RALPH ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	IRVINGTON TWP	07000664	0.07	0.17	0.10	COIT ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Minor Arterial	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141138	0.49	0.59	0.10	VASSAR AVE	1	0	0	0	1	0	10.55	1.00	1	Municipal	Local	Curbed Median
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141454	0.58	0.68	0.10	MAGAZINE ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Minor Collector	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141781	0.00	0.10	0.10	MANOR DRIVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	None
258	1,673	NJTPA	ESSEX	WEST ORANGE TWP	07221202	0.00	0.10	0.10	MAPLE ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	ORANGE CITY	07171039	0.14	0.24	0.10	PIERSON ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NUTLEY TWP	07161067	0.68	0.78	0.10	HARRISON STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141252	0.53	0.63	0.10	HUNTERDON ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141719	0.18	0.28	0.10	ABINGER PLACE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141925	0.32	0.42	0.10	7TH AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141314	0.00	0.10	0.10	CEDAR ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141980	0.31	0.41	0.10	MANCHESTER PL	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141048	0.10	0.20	0.10	DEWEY STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141459	0.13	0.23	0.10	VINCENT ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
258	1,673	NJTPA	ESSEX	NEWARK CITY	07141903	1.84	1.94	0.10	S 12TH ST	1	0	0	0	1	0	10.55	1.00	1	Municipal	Major Collector	None
386	2,588	NJTPA	ESSEX	NEWARK CITY	07141872	0.23	1.23	1.00	FABYAN PL	2	0	0	0	0	2	2.00	0.00	1	Municipal	Major Collector	None
386	2,588	NJTPA	ESSEX	EAST ORANGE CITY	07051095	0.62	0.87	0.25	EPPIRT ST	2	0	0	0	0	2	2.00	0.00	2	Municipal	Local	None
388	2,609	NJTPA	ESSEX	ORANGE CITY	07171002	0.19	0.29	0.10	HILLSIDE AVE	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
388	2,609	NJTPA	ESSEX	NEWARK CITY	07141821	0.00	0.10	0.10	MCCLELLAN ST	1	0	0	0	0	1	1.00	0.00	4	Municipal	Minor Arterial	None
388	2,609	NJTPA	ESSEX	NEWARK CITY	07141001	0.00	0.10	0.10	SEYMOUR AVE	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
388	2,609	NJTPA	ESSEX	NUTLEY TWP	07161203	0.00	0.10	0.10	VREELAND AVENUE	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
388	2,609	NJTPA	ESSEX	ORANGE CITY	07171048	0.00	0.10	0.10	NEW ST	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
388	2,609	NJTPA	ESSEX	NEWARK CITY	07141015	0.13	0.23	0.10	DAYTON ST	1	0	0	0	0	1	1.00	0.00	1	Municipal	Local	None
388	2,609	NJTPA	ESSEX	IRVINGTON TWP	07091102	0.69	0.79	0.10	PARK PL	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
388	2,609	NJTPA	ESSEX	MONTCLAIR TWP	07131362	0.60	0.70	0.10	WALNUT AVE	1	0	0	0	0	1	1.00	0	2	Municipal	Major Collector	None
388	2,609	NJTPA	ESSEX	WEST ORANGE TWP	00000508	4.46	5.46	1.00	ROUTE 508	1	0	0	0	0	1	1.00	0	2	County	Principal Arterial & Other	Painted Median
388	2,609	NJTPA	ESSEX	EAST ORANGE CITY	07141872	3.46	4.46	1.00	WAINWRIGHT ST	1	0	0	0	0	1	1.00	0	2	Municipal	Minor Arterial	None
388	2,609	NJTPA	ESSEX	NEWARK CITY	07141327	0.09	0.19	0.10	MULBERRY ST	1	0	0	0	0	1	1.00	0	2	Municipal	Local	Painted Median
388	2,609	NJTPA	ESSEX	NEWARK CITY	07141976	0.17	0.27	0.10	THIRTEENTH AVE	1	0	0	0	0	1	1.00	0	2	Municipal	Local	Unknown
388	2,609	NJTPA	ESSEX	GLEN RIDGE BORO	07000653	1.22	1.32	0.10	ESSEX COUNTY 653	1	0	0	0	0	1	1.00	0	2	County	Minor Arterial	Painted Median
388	2,609	NJTPA	ESSEX	NEWARK CITY	07141318	0.10	0.20	0.10	WASHINGTON PL	1	0	0	0	0	1	1.00	0	2	Municipal	Local	Curbed Median
388	2,609	NJTPA	ESSEX	NEWARK CITY	07141456	0.43	0.53	0.10	BRILL STREET	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
388	2,609	NJTPA	ESSEX	WEST ORANGE TWP	07221451	0.33	0.43	0.10	ROLLINSON ST	1	0	0	0	0	1	1.00	0	2	Municipal	Minor Arterial	None
388	2,609	NJTPA	ESSEX	ORANGE CITY	07171100	0.63	0.73	0.10	OAKWOOD AV	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
388	2,609	NJTPA	ESSEX	MILLBURN TWP	07121131	0.00	0.10	0.10	GREAT OAK DRIVE	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None

# New Jersey Network Screening Lists, 2019

Essex - Pedestrian/Bicycle Corridor 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	NOT 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 Injury	A	\$655,000	55.0420	5.2150
Non-incapacitating Injury	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	SRI	Mile Post - From	Mile Post - To	Corridor Length	Route	Crashes by Severity (2012-2016)						Weighted Score (ePDO)	Weighted Score (eC)	Lane Count	Roadway System	Functional Class	Divided By
										Total Crashes	K	A	B	C	No Injury						
388	2609	NJTPA	ESSEX	NEWARK CITY	07141161	0.20	0.30	0.10	SCHLEY ST	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
388	2609	NJTPA	ESSEX	NUTLEY TWP	07161207	0.24	0.34	0.10	DODD STREET	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
388	2609	NJTPA	ESSEX	MILLBURN TWP	07121028	0.57	0.67	0.10	WEST VIEW RD	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
388	2609	NJTPA	ESSEX	MILLBURN TWP	07121256	0.05	0.15	0.10	GLEN AVENUE	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
388	2609	NJTPA	ESSEX	CALDWELL BORO	07031057	0.00	0.10	0.10	HANFORD PLACE	1	0	0	0	0	1	1.00	0	1	Municipal	Local	None
388	2609	NJTPA	ESSEX	BLOOMFIELD TWP	07021680	0.96	1.06	0.10	BROUGHTON AVE	1	0	0	0	0	1	1.00	0	2	Municipal	Minor Arterial	None
388	2609	NJTPA	ESSEX	IRVINGTON TWP	07141773	1.04	1.14	0.10	ELLERY AVE	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
388	2609	NJTPA	ESSEX	WEST ORANGE TWP	07000636	3.71	3.81	0.10	ESSEX COUNTY 636	1	0	0	0	0	1	1.00	0	4	County	Principal Arterial & Other	Painted Median
388	2609	NJTPA	ESSEX	NUTLEY TWP	07161019	0.33	0.43	0.10	GRANT AVENUE	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
388	2609	NJTPA	ESSEX	NEWARK CITY	07141896	0.09	0.19	0.10	E RUNYON ST	1	0	0	0	0	1	1.00	0	2	Municipal	Major Collector	Painted Median
388	2609	NJTPA	ESSEX	NEWARK CITY	07141680	0.42	0.52	0.10	ORANGE ST	1	0	0	0	0	1	1.00	0	2	Municipal	Minor Collector	Painted Median
388	2609	NJTPA	ESSEX	NEWARK CITY	07141353	0.21	0.31	0.10	PULASKI STREET	1	0	0	0	0	1	1.00	0	2	Municipal	Minor Collector	None
388	2609	NJTPA	ESSEX	IRVINGTON TWP	07091100	0.00	0.10	0.10	SMITH ST	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
388	2609	NJTPA	ESSEX	BELLEVILLE TWP	07011056	0.32	0.42	0.10	1 BRANCHBROOK PARK	1	0	0	0	0	1	1.00	0	2	Co Auth, Park or Inst	Local	Curbed Median
388	2609	NJTPA	ESSEX	EAST ORANGE CITY	07051132	0.00	0.10	0.10	WINANS ST	1	0	0	0	0	1	1.00	0	2	Municipal	Local	Painted Median
388	2609	NJTPA	ESSEX	MILLBURN TWP	07121230	0.67	0.77	0.10	RIDGEWOOD ROAD	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None