

New Jersey Network Screening Lists, 2019

Middlesex - Pedestrian/Bicycle Corridor List (2012-2016 Crashes)

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

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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	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						
181	1,673	NJTPA	MIDDLESEX	PISCATAWAY TWP	12171071	0.30	0.40	0.10	PARK AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
181	1,673	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161186	0.20	0.30	0.10	SHERMAN ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
181	1,673	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161096	0.00	0.10	0.10	ALPINE ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
181	1,673	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161172	0.18	0.28	0.10	JEFFERSON ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
181	1,673	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161179	0.05	0.15	0.10	STOCKTON ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
181	1,673	NJTPA	MIDDLESEX	NORTH BRUNSWICK TWP	12151109	0.32	0.42	0.10	AXEL AV	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
181	1,673	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141207	0.07	0.17	0.10	CLIFFE STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
181	1,673	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141233	0.00	0.10	0.10	RAILROAD AVENUE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
181	1,673	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141032	0.45	0.55	0.10	BALDWIN STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
299	2,584	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161081	0.39	0.75	0.36	HALL AVE	3	0	0	0	0	3	3.00	0.00	2	Municipal	Major Collector	None
300	2,588	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161184	0.05	0.15	0.10	GORDON ST	2	0	0	0	0	2	2.00	0.00	2	Municipal	Local	None
301	2,609	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12251367	0.00	0.10	0.10	NIELSON ST	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
301	2,609	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12251667	0.16	0.26	0.10	CLEVELAND AVE	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
301	2,609	NJTPA	MIDDLESEX	HIGHLAND PARK BORO	12071061	0.10	0.20	0.10	EDEN AV	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
301	2,609	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091262	0.13	0.23	0.10	TEMPLE RD	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
301	2,609	NJTPA	MIDDLESEX	CARTERET BORO	12011116	0.76	0.86	0.10	CHESTNUT STREET	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
301	2,609	NJTPA	MIDDLESEX	EDISON TWP	12051138	0.09	0.19	0.10	WOODING AVE	1	0	0	0	0	1	1.00	0.00	2	Municipal	Minor Collector	None
301	2,609	NJTPA	MIDDLESEX	EDISON TWP	12051237	0.07	0.17	0.10	LEO ST	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
301	2,609	NJTPA	MIDDLESEX	EDISON TWP	12051341	0.03	0.13	0.10	CHERRY ST	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
301	2,609	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161027	0.10	0.20	0.10	HARNED ST	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
301	2,609	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12251255	0.09	0.19	0.10	HUNTER LANE	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
301	2,609	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12251201	0.10	0.20	0.10	HIGHLAND AVE	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
301	2609	NJTPA	MIDDLESEX	PLAINSBORO TWP	12000614	2.13	3.13	1.00	MIDDLESEX COUNTY 614	1	0	0	0	0	1	1.00	0	3	County	Minor Arterial	Curbed Median
301	2609	NJTPA	MIDDLESEX	MILLTOWN BORO	12000606	3.29	3.39	0.10	MIDDLESEX COUNTY 606	1	0	0	0	0	1	1.00	0	4	County	Minor Arterial	None
301	2609	NJTPA	MIDDLESEX	EDISON TWP	12051546	0.26	0.36	0.10	HARDING AVE	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
301	2609	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161124	0.18	0.28	0.10	EAST AVE	1	0	0	0	0	1	1.00	0	2	Municipal	Local	Painted Median
301	2609	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12251457	0.11	0.21	0.10	GEORGE ST	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
301	2609	NJTPA	MIDDLESEX	PISCATAWAY TWP	12000609	4.17	4.27	0.10	MIDDLESEX COUNTY 609	1	0	0	0	0	1	1.00	0	2	County	Minor Arterial	None
301	2609	NJTPA	MIDDLESEX	EDISON TWP	12000676	0.68	0.78	0.10	DUCLON LN	1	0	0	0	0	1	1.00	0	2	Municipal	Major Collector	Painted Median
301	2609	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	12211679	0.93	1.03	0.10	SAND HILLS RD	1	0	0	0	0	1	1.00	0	2	Municipal	Minor Arterial	Painted Median
301	2609	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12251111	0.12	0.22	0.10	HANSON AVE	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
301	2609	NJTPA	MIDDLESEX	SOUTH BRUNSWICK TWP	122110882	2.69	2.79	0.10	FRESH PONDS RD	1	0	0	0	0	1	1.00	0	2	County	Major Collector	None
301	2609	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161190	0.13	0.23	0.10	GOODWIN ST	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
301	2609	NJTPA	MIDDLESEX	PERTH AMBOY CITY	12161127	0.00	0.10	0.10	DIVISION ST	1	0	0	0	0	1	1.00	0	1	Municipal	Local	None
301	2609	NJTPA	MIDDLESEX	NEW BRUNSWICK CITY	12141213	0.01	0.11	0.10	HANDY ST	1	0	0	0	0	1	1.00	0	2	Municipal	Major Collector	Painted Median
301	2609	NJTPA	MIDDLESEX	SPOTSWOOD BORO	12041704	2.31	2.41	0.10	OLD STAGE ROAD	1	0	0	0	0	1	1.00	0	2	Municipal	Minor Arterial	Painted Median
301	2609	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091069	0.00	0.10	0.10	LINCROFT AV	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
301	2609	NJTPA	MIDDLESEX	SPOTSWOOD BORO	12241063	0.00	0.10	0.10	BROOKLYN AV	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
301	2609	NJTPA	MIDDLESEX	SOUTH PLAINFIELD BORO	12221104	0.00	0.10	0.10	CEDARBROOK AV	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
301	2609	NJTPA	MIDDLESEX	OLD BRIDGE TWP	12091001	0.51	0.61	0.10	WASHINGTON AV	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
301	2609	NJTPA	MIDDLESEX	MONROE TWP	12000613	3.20	4.20	1.00	MIDDLESEX COUNTY 613	1	0	0	0	0	1	1.00	0	2	County	Minor Arterial	None
301	2609	NJTPA	MIDDLESEX	SAYREVILLE BORO	12191302	0.00	0.10	0.10	DOLAN AV	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
301	2609	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12251669	0.93	1.03	0.10	ROOSEVELT	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
301	2609	NJTPA	MIDDLESEX	WOODBRIIDGE TWP	12251381	0.34	0.44	0.10	BAMFORD AVE	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None