

New Jersey Network Screening Lists, 2019

Ocean - 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						
227	2,609	NJTPA	OCEAN	SHIP BOTTOM BORO	15000089	1.08	1.18	0.10	CENTRAL AVENUE	1	0	0	0	0	1	1.00	0.00	3	County	Local	None
227	2,609	NJTPA	OCEAN	STAFFORD TWP	15301259	0.00	0.10	0.10	NEPTUNE DRIVE	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	LAKEWOOD TWP	15141092	0.24	0.34	0.10	COURTNEY RD	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	LAKEWOOD TWP	15141273	0.08	0.18	0.10	CLIFTON AVE	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	LAKEWOOD TWP	15141067	0.55	0.65	0.10	ALBERT AVE	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	LAKEWOOD TWP	15141164	0.00	0.10	0.10	SYLVAN CT	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	LONG BEACH TWP	15171090	1.58	1.68	0.10	EAST SIXTY-NINTH STREET	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	LAKEWOOD TWP	15141029	0.00	0.10	0.10	NINTH ST	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	JACKSON TWP	15111404	0.87	0.97	0.10	BREWERS BRIDGE ROAD	1	0	0	0	0	1	1.00	0.00	2	County	Major Collector	None
227	2,609	NJTPA	OCEAN	LAKEWOOD TWP	15141621	0.12	0.22	0.10	MELVILLE AVE	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	LAKEWOOD TWP	15141350	0.45	0.55	0.10	MANOR DR	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	LAKEWOOD TWP	15140054	0.83	0.93	0.10	SHORROCK ST	1	0	0	0	0	1	1.00	0.00	2	Municipal	Major Collector	Grass Median
227	2,609	NJTPA	OCEAN	LAKEWOOD TWP	15141023	0.24	0.34	0.10	THIRD STREET	1	0	0	0	0	1	1.00	0.00	1	Municipal	Local	None
227	2,609	NJTPA	OCEAN	LAKEWOOD TWP	15141033	0.00	0.10	0.10	TWELFTH STREET6	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	MANCHESTER TWP	15180022	0.00	0.10	0.10	SCHOOLHOUSE ROAD	1	0	0	0	0	1	1.00	0.00	2	Municipal	Minor Collector	Painted Median
227	2,609	NJTPA	OCEAN	MANCHESTER TWP	15181036	0.00	0.10	0.10	STATION ROAD	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	Curbed Median
227	2,609	NJTPA	OCEAN	BRICK TWP	15061568	0.25	0.35	0.10	POPLAR WAY	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	POINT PLEASANT BORO	15241142	0.00	0.10	0.10	CENTRAL AVE	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	POINT PLEASANT BORO	15241112	0.00	0.10	0.10	BERT AVE	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	LAKEWOOD TWP	15141122	0.28	0.38	0.10	EAST END AVE	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	Painted Median
227	2,609	NJTPA	OCEAN	LAKEWOOD TWP	15141025	0.77	0.87	0.10	FIFTH STREET	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	JACKSON TWP	15000636	2.19	2.29	0.10	OCEAN COUNTY 636	1	0	0	0	0	1	1.00	0	2	County	Major Collector	Painted Median
227	2,609	NJTPA	OCEAN	TOMS RIVER TWP	00000527	7.08	8.08	1.00	ROUTE 527	1	0	0	0	0	1	1.00	0	3	County	Minor Arterial	None
227	2,609	NJTPA	OCEAN	BRICK TWP	15060042	0.00	0.10	0.10	VAN ZILE RD	1	0	0	0	0	1	1.00	0	2	County	Major Collector	None
227	2,609	NJTPA	OCEAN	BRICK TWP	15061037	1.12	1.22	0.10	ESSEX DR	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	BARNEGAT TWP	00000554	3.51	4.51	1.00	ROUTE 554	1	0	0	0	0	1	1.00	0	3	County	Minor Arterial	None
227	2,609	NJTPA	OCEAN	TOMS RIVER TWP	15071441	0.00	0.10	0.10	MARC DR	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	LAKEWOOD TWP	15141537	0.00	0.10	0.10	ENGLEBERG TERR	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
227	2,609	NJTPA	OCEAN	LAKEWOOD TWP	15141026	0.67	0.77	0.10	SIXTH STREET	1	0	0	0	0	1	1.00	0	2	County	Local	None
227	2,609	NJTPA	OCEAN	MANCHESTER TWP	00000539	27.43	27.53	0.10	ROUTE 539	1	0	0	0	0	1	1.00	0	2	County	Major Collector	None