

New Jersey Network Screening Lists, 2019

Ocean - 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

Printed: Friday, May 31, 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
	AND 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

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			
27	1,161	NJTPA	OCEAN	LAKEWOOD TWP	15141490	0.11	Seventh Street	15141492	0.65	Clifton Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
27	1,161	NJTPA	OCEAN	LAKEWOOD TWP	15141490	0.24	Seventh Street	15141046	0.49	Lexington Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
27	1,161	NJTPA	OCEAN	LAKEWOOD TWP	15141052	0.13	Linden Avenue	15141192	0.12	Stirling Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
27	1,161	NJTPA	OCEAN	LAKEWOOD TWP	15141016	0.32	Pine Street	15141517	0.00	Forest Park Cir	1	0	0	1	0	0	County	16.68	1.58
27	1,161	NJTPA	OCEAN	LAKEWOOD TWP	15141024	0.07	4th Street	15141089	0.25	Forest Avenue	1	0	0	1	0	0	Municipal	16.68	1.58
27	1,161	NJTPA	OCEAN	LAKEWOOD TWP	15141046	0.22	Lexington Avenue	15141023	0.11	3rd Street	1	0	0	1	0	0	Municipal	16.68	1.58
27	1,161	NJTPA	OCEAN	LAKEWOOD TWP	15141048	0.88	Park Avenue	15141559	0.00	Yomah Court	1	0	0	1	0	0	Municipal	16.68	1.58
27	1,161	NJTPA	OCEAN	LAKEWOOD TWP	15141046	0.94	Lexington Avenue	15141092	0.11	Courtney Road	1	0	0	1	0	0	Municipal	16.68	1.58
27	1,161	NJTPA	OCEAN	LAKEWOOD TWP	15141186	0.25	Seminole Drive	15141274	0.14	Iroquois Place	1	0	0	1	0	0	Municipal	16.68	1.58
27	1,161	NJTPA	OCEAN	LAKEWOOD TWP	15141083	0.27	Princeton Avenue	15141040	0.19	East 8th Street	1	0	0	1	0	0	Municipal	16.68	1.58
59	2,014	NJTPA	OCEAN	SEASIDE HEIGHTS BORO	15000053	0.43	Ocean Terrace	15261012	0.02	Blaine Avenue	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	SEASIDE HEIGHTS BORO	15000047	0.48	Central Avenue	15261005	0.21	Hancock Avenue	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	BEACH HAVEN BORO	15000607	2.00	Bay Avenue	15031032	0.21	Belvoir Avenue	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	LONG BEACH TWP	15000607	7.64	Long Beach Boulevard	15171133	0.10	47th Street	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	SHIP BOTTOM BORO	15000607	8.43	Long Beach Boulevard	15281038	0.11	Ship Bottom Avenue	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	HARVEY CEDARS BORO	15000607	13.66	Long Beach Boulevard	15091032	0.06	East 75th Street	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	LAKEWOOD TWP	15141231	0.14	Lincoln Street	15141236	0.33	Arlington Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	LAKEWOOD TWP	15141056	0.00	East Fourth Street	15141489	0.49	Ridge Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	LAKEWOOD TWP	15141046	0.36	Lexington Avenue	15141025	0.28	5th Street	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	LAKEWOOD TWP	15140034	0.46	Sunset Road	15141409	0.20	Liberty Drive	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	LAKEWOOD TWP	15140014	0.11	Fourteenth Street	15141089	1.00	Forest Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	LACEY TWP	15121223	0.12	Nautilus Drive	15121262	0.88	Constitution Drive	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	LACEY TWP	15121026	2.08	Lake Barnegat Dr North	15121388	0.26	Haines Street	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	LACEY TWP	15120008	0.57	Beach Boulevard	15121284	0.05	North Shore Drive	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	TOMS RIVER TWP	15071548	0.05	Brandywine Drive	15071543	0.13	Hunt Drive	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	TOMS RIVER TWP	15070046	0.08	West Briar Avenue	15072482	0.00	Michael Drive	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	TOMS RIVER TWP	15070024	0.67	Brookside Drive	15070046	0.00	West Briar Avenue	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	TOMS RIVER TWP	15070004	0.23	Washington Street	00000549	0.36	Hooper Avenue	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	BRICK TWP	15060042	0.55	Van Zile Road	15062217	0.18	Kelly Lynn Lane	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	BERKELEY TWP	15051631	1.77	Davenport Road	150000392	1.24	Mule Road	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	LAKEWOOD TWP	15000639	2.54	Hope Chapel Road	00000526	30.60	County Line Road	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	BRICK TWP	15000630	1.23	Princeton Avenue	15061453	0.10	Cherokee Lane	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	LAKEWOOD TWP	15000628	1.29	Prospect Street	15141063	0.18	Williams Street	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	LAKEWOOD TWP	15000628	1.19	Prospect Street	15141299	0.00	Murray Street	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	LAKEWOOD TWP	15000623	5.37	New Hampshire Road	15141205	0.74	Ronald Road	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	LACEY TWP	15000614	11.86	Lacey Road	15121036	0.33	Penn Av North	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	LAKEWOOD TWP	15141489	0.11	Fourth Street	15141492	0.45	Clifton Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	LAKEWOOD TWP	15141489	1.22	Ridge Avenue	15141763	0.17	Vintage Circle	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	LAKEWOOD TWP	15141490	0.45	Seventh Street	15141083	0.21	Princeton Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	LAKEWOOD TWP	15141490	0.65	Seventh Street	15141048	0.52	Park Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	BARNEGAT TWP	15331041	0.21	Georgetown Boulevard	15331071	0.00	Colonial Court	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	STAFFORD TWP	15301450	0.00	Peer's Avenue	15301021	0.25	Newell Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	STAFFORD TWP	15301058	0.49	Mary Jeanne Lane	15301064	0.00	Clarence Drive	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	LAKEWOOD TWP	15141702	0.00	Fern Street	15141238	0.12	Warren Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	BRICK TWP	00000549S1	2.55	Herbertsville Road	15060024	0.00	Maple Avenue	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	SOUTH TOMS RIVER BORO	00000530	30.67	South Main Street	15290004	0.17	South Main Street	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	SOUTH TOMS RIVER BORO	00000530	30.25	Dover Road	15000109	0.87	Railroad Avenue	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	TOMS RIVER TWP	00000549	1.07	Hooper Avenue	15071904	0.40	Terrace Avenue	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	TOMS RIVER TWP	00000549	4.66	Hooper Avenue	00000549S2	4.09	Fischer Boulevard	1	0	0	0	1	0	County	10.55	1.00

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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	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	

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			
59	2,014	NJTPA	OCEAN	LITTLE EGG HARBOR TWP	00000009	61.99	US 9	15160004	1.18	Stage Road	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	LAKEWOOD TWP	00000009	102.27	Lila W Thompson Memorial Highway	00000547	9.28	Eighth Street	1	0	0	0	1	0	County	10.55	1.00
59	2,014	NJTPA	OCEAN	TOMS RIVER TWP	00000035	6.70	NJ 35	15072116	0.13	Strickland Boulevard	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	SHIP BOTTOM BORO	00000072	28.67	9th Street	15000089	1.02	Central Avenue	1	0	0	0	1	0	Municipal	10.55	1.00
59	2,014	NJTPA	OCEAN	JACKSON TWP	00000526	30.10	County Line Road	15111100	0.00	Brookwood Parkway	1	0	0	0	1	0	County	10.55	1.00
103	3,748	NJTPA	OCEAN	BRICK TWP	00000528	37.19	Mantoloking Road	15061223	0.76	South Vanada Drive	1	0	0	0	0	1	Municipal	1.00	0.00
103	3,748	NJTPA	OCEAN	LAKEWOOD TWP	00000526	34.21	County Line Road	15141597	0.00	Tuscany Terrace	1	0	0	0	0	1	County	1.00	0.00
103	3,748	NJTPA	OCEAN	LAKEWOOD TWP	00000528	30.72	Cedar Bridge Avenue	15141236	0.00	Arlington Avenue	1	0	0	0	0	1	County	1.00	0.00
103	3,748	NJTPA	OCEAN	LAKEWOOD TWP	00000009	100.42	River Avenue	15141005	0.22	Cedar Court	1	0	0	0	0	1	Municipal	1.00	0.00
103	3,748	NJTPA	OCEAN	LAKEWOOD TWP	00000088	0.62	Ocean Avenue	15141050	0.07	Pearl Street	1	0	0	0	0	1	County	1.00	0.00
103	3,748	NJTPA	OCEAN	LAKEWOOD TWP	00000528	31.11	Cedar Bridge Avenue	15140020	0.00	Clover Street	1	0	0	0	0	1	County	1.00	0.00
103	3,748	NJTPA	OCEAN	LAKEWOOD TWP	00000547	10.33	Squankum Road	15141557	0.00	Whispering Pine Lane	1	0	0	0	0	1	County	1.00	0.00
103	3,748	NJTPA	OCEAN	TOMS RIVER TWP	00000549	0.04	Water Street	15071927	0.00	Robbins Street	1	0	0	0	0	1	County	1.00	0.00
103	3,748	NJTPA	OCEAN	TOMS RIVER TWP	00000549	2.32	Hooper Avenue	00000571	4.23	Bay Avenue	1	0	0	0	0	1	County	1.00	0.00
103	3,748	NJTPA	OCEAN	LAKEWOOD TWP	15140006	0.53	Kennedy Boulevard	15141046	1.14	Lexington Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
3,748		NJTPA	OCEAN	LACEY TWP	15000614	11.06	Lacey Road	15120010	0.00	Manchester Avenue	1	0	0	0	0	1	County	1.00	0.00
3,748		NJTPA	OCEAN	TOMS RIVER TWP	15000623	0.45	Old Freehold Road	15000072	0.83	Chestnut Street	1	0	0	0	0	1	County	1.00	0.00
3,748		NJTPA	OCEAN	SEASIDE HEIGHTS BORO	15000629	0.31	Bay Avenue	15260010	0.41	Hamilton Avenue	1	0	0	0	0	1	County	1.00	0.00
3,748		NJTPA	OCEAN	PT PLEASANT BEACH BORO	15000633	0.91	Arnold Avenue	15000604	1.84	Bay Avenue	1	0	0	0	0	1	County	1.00	0.00
3,748		NJTPA	OCEAN	PT PLEASANT BEACH BORO	15000633	1.15	Arnold Avenue	15251024	0.00	Cooks Lane	1	0	0	0	0	1	County	1.00	0.00
3,748		NJTPA	OCEAN	PT PLEASANT BEACH BORO	15000635	0.78	Ocean Avenue	15000069	0.00	Atlantic Avenue	1	0	0	0	0	1	County	1.00	0.00
3,748		NJTPA	OCEAN	PT PLEASANT BEACH BORO	15000635	1.05	Ocean Avenue	15000633	1.66	Arnold Avenue	1	0	0	0	0	1	County	1.00	0.00
3,748		NJTPA	OCEAN	LAKEWOOD TWP	15000639	1.58	Hope Chapel Road	15141157	0.00	Van Buren Av North	1	0	0	0	0	1	County	1.00	0.00
3,748		NJTPA	OCEAN	JACKSON TWP	15000641	4.23	South New Prospect Road	15111107	0.00	Louisiana Pwky	1	0	0	0	0	1	County	1.00	0.00
3,748		NJTPA	OCEAN	BEACHWOOD BORO	15040004	1.48	Beachwood Boulevard	15041080	0.56	Capstan Avenue	1	0	0	0	0	1	County	1.00	0.00
3,748		NJTPA	OCEAN	TOMS RIVER TWP	15070012	0.25	Walnut Street	15071150	0.00	Park Crest Road	1	0	0	0	0	1	Municipal	1.00	0.00
3,748		NJTPA	OCEAN	LAKEWOOD TWP	15140006	0.21	Kennedy Boulevard	15141083	1.22	Princeton Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
3,748		NJTPA	OCEAN	LAKEWOOD TWP	15141089	0.12	Forest Avenue	15141022	0.08	2nd Street	1	0	0	0	0	1	Municipal	1.00	0.00
3,748		NJTPA	OCEAN	POINT PLEASANT BORO	15241270	0.00	Northwest Drive	15241122	0.19	Rue Mirador	1	0	0	0	0	1	Municipal	1.00	0.00