

New Jersey Network Screening Lists, 2019

Somerset - 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						
92	1,673	NJTPA	SOMERSET	WARREN TWP	18000616	2.77	2.87	0.10	SOMERSET COUNTY 616	1	0	0	0	1	0	10.55	1.00	2	County	Minor Arterial	None
92	1,673	NJTPA	SOMERSET	SOMERVILLE BORO	18181051	0.45	0.55	0.10	WILLIAM ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
92	1,673	NJTPA	SOMERSET	NORTH PLAINFIELD BORO	18141068	0.25	0.35	0.10	MERCER AVENUE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Painted Median
92	1,673	NJTPA	SOMERSET	MONTGOMERY TWP	18000601	2.36	3.36	1.00	SOMERSET COUNTY 601	1	0	0	0	1	0	10.55	1.00	2	County	Major Collector	None
92	1,673	NJTPA	SOMERSET	MONTGOMERY TWP	18131430	0.07	0.17	0.10	PRIMROSE CT	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
92	1,673	NJTPA	SOMERSET	HILLSBOROUGH TWP	18101109	0.95	1.05	0.10	SUNNYMEAD ROAD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
92	1,673	NJTPA	SOMERSET	BERNARDS TWP	18000651	5.11	6.11	1.00	SOMERSET COUNTY 651	1	0	0	0	1	0	10.55	1.00	2	County	Minor Arterial	None
92	1,673	NJTPA	SOMERSET	GREEN BROOK TWP	18000651	0.83	1.83	1.00	SOMERSET COUNTY 651	1	0	0	0	1	0	10.55	1.00	2	County	Minor Arterial	None
92	1,673	NJTPA	SOMERSET	FRANKLIN TWP	18081289	0.76	0.86	0.10	MARVIN AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
92	1,673	NJTPA	SOMERSET	MONTGOMERY TWP	00000518	13.24	14.24	1.00	ROUTE 518	1	0	0	0	1	0	10.55	1.00	2	County	Minor Arterial	None
92	1,673	NJTPA	SOMERSET	FRANKLIN TWP	18081365	0.13	0.23	0.10	RALPH ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
92	1,673	NJTPA	SOMERSET	BRIDGEWATER TWP	18061260	0.45	0.55	0.10	COMMONS WAY	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	Curbed Median
92	1,673	NJTPA	SOMERSET	BRIDGEWATER TWP	18061548	2.45	2.55	0.10	MILLTOWN RD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	None
92	1,673	NJTPA	SOMERSET	BRIDGEWATER TWP	18000614	1.60	1.70	0.10	SOMERSET COUNTY 614	1	0	0	0	1	0	10.55	1.00	2	County	Minor Arterial	None
92	1,673	NJTPA	SOMERSET	MONTGOMERY TWP	00000533	18.71	19.71	1.00	ROUTE 533	1	0	0	0	1	0	10.55	1.00	2	County	Major Collector	None
92	1,673	NJTPA	SOMERSET	PEAPACK-GLADSTONE BORO	00000512	11.82	12.82	1.00	ROUTE 512	1	0	0	0	1	0	10.55	1.00	2	County	Major Collector	None
92	1,673	NJTPA	SOMERSET	BERNARDS TWP	00000525	9.30	10.30	1.00	ROUTE 525	1	0	0	0	1	0	10.55	1.00	2	County	Minor Arterial	None
92	1,673	NJTPA	SOMERSET	WARREN TWP	00000527	56.20	57.20	1.00	ROUTE 527	1	0	0	0	1	0	10.55	1.00	2	County	Minor Arterial	None
92	1,673	NJTPA	SOMERSET	BRIDGEWATER TWP	00000527	54.69	55.69	1.00	ROUTE 527	1	0	0	0	1	0	10.55	1.00	2	County	Minor Arterial	None
92	1,673	NJTPA	SOMERSET	BRIDGEWATER TWP	18061155	0.31	0.41	0.10	CANDLEWICK LN	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
92	1,673	NJTPA	SOMERSET	BRIDGEWATER TWP	18061551	1.85	2.85	1.00	FOOTHILL RD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	None
92	1,673	NJTPA	SOMERSET	FRANKLIN TWP	18081183	0.00	0.10	0.10	LARSEN RD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
92	1,673	NJTPA	SOMERSET	FRANKLIN TWP	18000623	0.38	1.38	1.00	SOMERSET COUNTY 623	1	0	0	0	1	0	10.55	1.00	2	County	Major Collector	None
92	1,673	NJTPA	SOMERSET	SOUTH BOUND BROOK BORO	18000623	2.42	3.42	1.00	SOMERSET COUNTY 623	1	0	0	0	1	0	10.55	1.00	3	County	Major Collector	None
92	1,673	NJTPA	SOMERSET	FRANKLIN TWP	18081041	1.59	1.69	0.10	SUYDAM RD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
92	1,673	NJTPA	SOMERSET	FRANKLIN TWP	18081007	0.27	0.37	0.10	HIGHLAND AVE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
92	1,673	NJTPA	SOMERSET	MANVILLE BORO	18111040	0.28	0.38	0.10	ROOSEVELT AVENUE	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
92	1,673	NJTPA	SOMERSET	SOMERVILLE BORO	18181050	0.69	0.79	0.10	DAVENPORT ST	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	None
92	1,673	NJTPA	SOMERSET	BRANCHBURG TWP	18051091	0.30	0.40	0.10	WREN WAY	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
145	2,609	NJTPA	SOMERSET	HILLSBOROUGH TWP	18101073	0.21	0.31	0.10	MOUNTAINVIEW RD	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
145	2,609	NJTPA	SOMERSET	HILLSBOROUGH TWP	18101131	0.42	0.52	0.10	ASTOR CLOSE	1	0	0	0	0	1	1.00	0.00	2	Municipal	Local	None
145	2,609	NJTPA	SOMERSET	FRANKLIN TWP	00000514	18.67	19.67	1.00	ROUTE 514	1	0	0	0	0	1	1.00	0.00	2	Municipal	Minor Arterial	None
145	2,609	NJTPA	SOMERSET	FRANKLIN TWP	18081648	0.09	0.19	0.10	HIGHLAND AVE	1	0	0	0	0	1	1.00	0	2	Municipal	Major Collector	None
145	2,609	NJTPA	SOMERSET	PEAPACK-GLADSTONE BORO	18000671	0.01	0.11	0.10	SOMERSET COUNTY 671	1	0	0	0	0	1	1.00	0	2	County	Minor Collector	None
145	2,609	NJTPA	SOMERSET	SOUTH BOUND BROOK BORO	18081654	0.66	0.76	0.10	CEDAR AVE	1	0	0	0	0	1	1.00	0	2	Municipal	Major Collector	Painted Median
145	2,609	NJTPA	SOMERSET	BRANCHBURG TWP	18051073	0.97	1.07	0.10	HOLLAND BROOK RD	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
145	2,609	NJTPA	SOMERSET	BRIDGEWATER TWP	18061210	0.15	0.25	0.10	TALAMINI ROAD	1	0	0	0	0	1	1.00	0	2	Municipal	Local	Painted Median
145	2,609	NJTPA	SOMERSET	FRANKLIN TWP	18081039	0.18	0.28	0.10	VLIET RD	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
145	2,609	NJTPA	SOMERSET	BRIDGEWATER TWP	00000525	2.73	3.73	1.00	ROUTE 525	1	0	0	0	0	1	1.00	0	2	County	Minor Arterial	None
145	2,609	NJTPA	SOMERSET	BRIDGEWATER TWP	18061259	0.08	0.18	0.10	THIRD AVENUE	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None