

New Jersey Network Screening Lists, 2019

Sussex - 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						
1	86	NJTPA	SUSSEX	NEWTON TOWN	19151082	0.64	0.85	0.21	MADISON ST	3	0	2	0	1	0	120.64	11.43	2	Municipal	Local	None
2	337	NJTPA	SUSSEX	SPARTA TWP	19181254	0.00	0.10	0.10	MARIA DRIVE	1	0	1	0	0	0	55.04	5.22	2	Municipal	Local	None
2	337	NJTPA	SUSSEX	NEWTON TOWN	19151090	0.18	0.28	0.10	SPRING ST	1	0	1	0	0	0	55.04	5.22	2	Municipal	Minor Arterial	None
2	337	NJTPA	SUSSEX	FRANKLIN BORO	19000631	1.32	1.42	0.10	SUSSEX COUNTY 631	1	0	1	0	0	0	55.04	5.22	2	County	Major Collector	None
2	337	NJTPA	SUSSEX	HARDYSTON TWP	19000661	4.90	5.90	1.00	SUSSEX COUNTY 661	1	0	1	0	0	0	55.04	5.22	2	County	Minor Collector	None
2	337	NJTPA	SUSSEX	SPARTA TWP	00000517	33.44	34.44	1.00	ROUTE 517	1	1	0	0	0	0	55.04	5.22	2	County	Minor Arterial	Painted Median
7	614	NJTPA	SUSSEX	SPARTA TWP	00000517	31.53	32.53	1.00	ROUTE 517	2	0	0	2	0	0	33.36	3.16	2	County	Minor Arterial	None
8	955	NJTPA	SUSSEX	NEWTON TOWN	19000616	0.38	0.50	0.12	SUSSEX COUNTY 616	2	0	0	1	0	1	17.68	1.58	2	County	Minor Arterial	None
9	1,015	NJTPA	SUSSEX	HAMPTON TWP	00000519	69.20	70.20	1.00	ROUTE 519	1	0	0	1	0	0	16.68	1.58	2	County	Major Collector	None
9	1,015	NJTPA	SUSSEX	HOPATCONG BORO	19121112	0.37	0.47	0.10	SWARTHMORE TRAIL	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
9	1,015	NJTPA	SUSSEX	SUSSEX BORO	19000643	0.10	0.20	0.10	SUSSEX COUNTY 643	1	0	0	1	0	0	16.68	1.58	2	County	Local	None
9	1,015	NJTPA	SUSSEX	WANTAGE TWP	19241075	0.94	1.04	0.10	HAVENS RD	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
9	1,015	NJTPA	SUSSEX	HARDYSTON TWP	19111010	0.00	0.10	0.10	LACEYTOWN ROAD	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
9	1,015	NJTPA	SUSSEX	SPARTA TWP	19181273	0.34	0.44	0.10	MAIN STREET	1	0	0	1	0	0	16.68	1.58	2	Municipal	Major Collector	None
9	1,015	NJTPA	SUSSEX	HAMBURG BORO	19091017	0.20	0.30	0.10	WOODLAND AVENUE	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
9	1,015	NJTPA	SUSSEX	SPARTA TWP	19000605	6.96	7.06	0.10	SUSSEX COUNTY 605	1	0	0	1	0	0	16.68	1.58	2	County	Minor Arterial	None
9	1,015	NJTPA	SUSSEX	NEWTON TOWN	19151088	0.29	0.39	0.10	CLINTON ST	1	0	0	1	0	0	16.68	1.58	2	Municipal	Local	None
18	1,586	NJTPA	SUSSEX	HOPATCONG BORO	19121208	0.09	0.19	0.10	SAINT LO PL	2	0	0	0	1	1	11.55	1.00	2	Municipal	Local	None
19	1,673	NJTPA	SUSSEX	VERNON TWP	19221100	1.22	1.32	0.10	BREAKNECK ROAD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Major Collector	None
19	1,673	NJTPA	SUSSEX	NEWTON TOWN	19151020	0.00	0.10	0.10	ASHFORD STREET	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
19	1,673	NJTPA	SUSSEX	SPARTA TWP	19181098	0.62	0.72	0.10	WEST MOUNTAIN ROAD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
19	1,673	NJTPA	SUSSEX	NEWTON TOWN	19000622	1.93	2.03	0.10	SUSSEX COUNTY 622	1	0	0	0	1	0	10.55	1.00	2	County	Major Collector	None
19	1,673	NJTPA	SUSSEX	SPARTA TWP	19181127	0.58	0.68	0.10	SENECA LAKE RD	1	0	0	0	1	0	10.55	1.00	2	Municipal	Local	None
19	1,673	NJTPA	SUSSEX	OGDENSBURG BORO	00000517	36.80	37.80	1.00	ROUTE 517	1	0	0	0	1	0	10.55	1.00	2	County	Minor Arterial	None
19	1,673	NJTPA	SUSSEX	HOPATCONG BORO	19121092	1.07	1.17	0.10	LAKESIDE BLVD	1	0	0	0	1	0	10.55	1.00	2	County	Local	None
19	1,673	NJTPA	SUSSEX	BRANCHVILLE BORO	00000519	71.41	72.41	1.00	ROUTE 519	1	0	0	0	1	0	10.55	1.00	2	County	Major Collector	None
19	1,673	NJTPA	SUSSEX	FRANKFORD TWP	19000655	0.80	0.90	0.10	SUSSEX COUNTY 655	1	0	0	0	1	0	10.55	1.00	2	County	Minor Collector	None
28	2609	NJTPA	SUSSEX	FRANKLIN BORO	19061024	0.10	0.20	0.10	WALSH RD	1	0	0	0	0	1	1.00	0	2	Municipal	Local	None
28	2609	NJTPA	SUSSEX	VERNON TWP	00000565	12.93	13.03	0.10	ROUTE 565	1	0	0	0	0	1	1.00	0	2	County	Major Collector	None
28	2609	NJTPA	SUSSEX	HAMPTON TWP	00000521	16.60	17.60	1.00	ROUTE 521	1	0	0	0	0	1	1.00	0	2	County	Major Collector	Painted Median