

New Jersey Network Screening Lists, 2019

Cumberland County - Pedestrian/Bicycle Corridor List (2012-2016 Crashes)

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

Print Date: Tuesday, July 7, 2020

Delivery Date: Tuesday, June 4, 2019

Crash Filtering Criteria

Crash	AND	Year	IN [2012, 2013, 2014,2015,2016]	Years 2012, 2013, 2014, 2015, 2016
		County	IN [1,5,6,17]	1 - Atlantic; 5 - Cape May; 6 - Cumberland; 17 - Salem
		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)
Fatal	K	\$11,295,400	55.0420
Incapacitating Injury	A	\$655,000	55.0420
Non-incapacitating Injury	B	\$198,500	16.6807
Possible Injury	C	\$125,600	10.5546
Property Damage Only	PDO	\$11,900	1.0000

$$ePDO_{TOTAL} = [K]*[ePDO_K] + [A]*[ePDO_A] + [B]*[ePDO_B] + [C]*[ePDO_C] + [PDO]*[ePDO_{PDO}]$$

$$eC_{TOTAL} = [K]*[eC_K] + [A]*[eC_A] + [B]*[eC_B] + [C]*[eC_C] + [PDO]*[0]$$

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SJTPO Rank (ePDO)	County Rank	MPO	County	Town	SRI	Mile Post From	Mile Post To	Corridor Length	Route	Crashes by Severity (2012-2016)						Weighted Score (ePDO)	Lane Count	Roadway System	Functional Class	Divided By
										Total Crashes	K	A	B	C	No Injury					
3	1	SJTPO	CUMBERLAND	VINELAND CITY	00000540__	33.79	34.79	1.00	ROUTE 540	6	1	1	1	2	1	148.87	2	County	Major Collector	None
4	2	SJTPO	CUMBERLAND	VINELAND CITY	06141029__	0.80	1.81	1.00	CHESTNUT AVE	10	0	1	1	6	2	137.05	4	Municipal	Major Collector	None
5	3	SJTPO	CUMBERLAND	VINELAND CITY	06000681__	1.81	2.81	1.00	CUMBERLAND COUNTY 681	3	1	1	1	0	0	126.76	2	County	Local	None
14	4	SJTPO	CUMBERLAND	VINELAND CITY	06141030__	0.00	1.00	1.00	LANDIS AVE	3	0	1	2	0	0	88.40	2	Municipal	Minor Arterial	None
29	5	SJTPO	CUMBERLAND	BRIDGETON CITY	06000609S__	0.36	0.62	0.26	CUMBERLAND COUNTY 609S	2	1	0	0	1	0	65.60	2	County	Minor Arterial	None
29	5	SJTPO	CUMBERLAND	VINELAND CITY	00000555__	14.01	15.01	1.00	ROUTE 555	2	1	0	0	1	0	65.60	2	County	Minor Arterial	None
29	5	SJTPO	CUMBERLAND	VINELAND CITY	00000540__	31.57	32.57	1.00	ROUTE 540	2	1	0	0	1	0	65.60	2	County	Major Collector	None
36	8	SJTPO	CUMBERLAND	VINELAND CITY	06141247__	0.09	0.19	0.10	VENUS DR	1	1	0	0	0	0	55.04	2	Municipal	Local	None
36	8	SJTPO	CUMBERLAND	STOW CREEK TWP	06000623__	5.60	5.70	0.10	CUMBERLAND COUNTY 623	1	1	0	0	0	0	55.04	2	County	Major Collector	None
36	8	SJTPO	CUMBERLAND	VINELAND CITY	00000555__	17.67	18.67	1.00	ROUTE 555	1	1	0	0	0	0	55.04	2	County	Major Collector	None
36	8	SJTPO	CUMBERLAND	COMMERCIAL TWP	06021058__	0.49	0.59	0.10	QUAIL ROAD	1	0	1	0	0	0	55.04	2	Municipal	Local	None
36	8	SJTPO	CUMBERLAND	VINELAND CITY	06000674__	0.84	0.94	0.10	CUMBERLAND COUNTY 674	1	1	0	0	0	0	55.04	2	County	Minor Arterial	None
36	8	SJTPO	CUMBERLAND	MAURICE RIVER TWP	06000616__	2.81	2.91	0.10	CUMBERLAND COUNTY 616	1	1	0	0	0	0	55.04	2	County	Minor Collector	None
36	8	SJTPO	CUMBERLAND	DOWNE TWP	00000553__	4.70	5.70	1.00	ROUTE 553	1	0	1	0	0	0	55.04	2	County	Minor Arterial	None
36	8	SJTPO	CUMBERLAND	UPPER DEERFIELD TWP	06000687__	2.00	2.10	0.10	CUMBERLAND COUNTY 687	1	0	1	0	0	0	55.04	2	County	Minor Arterial	None
36	8	SJTPO	CUMBERLAND	MILLVILLE CITY	00000552S__	1.17	1.27	0.10	ROUTE 552 SPUR	1	0	1	0	0	0	55.04	2	County	Minor Arterial	None
69	17	SJTPO	CUMBERLAND	MILLVILLE CITY	06101010__	0.53	1.53	1.00	HIGH ST	3	0	0	1	2	0	37.79	2	Municipal	Major Collector	None
69	17	SJTPO	CUMBERLAND	BRIDGETON CITY	00000552__	0.30	1.30	1.00	ROUTE 552	3	0	0	1	2	0	37.79	2	County	Minor Arterial	None
78	19	SJTPO	CUMBERLAND	BRIDGETON CITY	06000697__	0.08	0.59	0.51	CUMBERLAND COUNTY 697	3	0	0	0	3	0	31.66	2	County	Major Collector	None
79	20	SJTPO	CUMBERLAND	VINELAND CITY	06141025__	0.92	1.92	1.00	EAST AVE	3	0	0	1	1	1	28.24	2	Municipal	Major Collector	None
81	21	SJTPO	CUMBERLAND	MILLVILLE CITY	06000610__	11.17	11.59	0.42	CUMBERLAND COUNTY 610	2	0	0	1	1	0	27.24	2	County	Minor Arterial	Painted Median
81	21	SJTPO	CUMBERLAND	BRIDGETON CITY	06011175__	0.00	0.13	0.13	CEDAR ST	2	0	0	1	1	0	27.24	1	Municipal	Local	None
81	21	SJTPO	CUMBERLAND	BRIDGETON CITY	06011182__	0.43	0.88	0.45	ATLANTIC ST	2	0	0	1	1	0	27.24	2	Municipal	Major Collector	None
81	21	SJTPO	CUMBERLAND	MILLVILLE CITY	06101336__	0.00	0.10	0.10	HIGH ST	2	0	0	1	1	0	27.24	2	Municipal	Minor Arterial	Painted Median
94	25	SJTPO	CUMBERLAND	VINELAND CITY	06000672__	0.76	1.32	0.56	CUMBERLAND COUNTY 672	3	0	0	0	2	1	22.11	2	County	Major Collector	None
94	25	SJTPO	CUMBERLAND	VINELAND CITY	00000540__	38.02	39.02	1.00	ROUTE 540	3	0	0	0	2	1	22.11	2	County	Minor Arterial	Painted Median
97	27	SJTPO	CUMBERLAND	BRIDGETON CITY	06000606__	0.01	1.01	1.00	CUMBERLAND COUNTY 606	2	0	0	0	2	0	21.11	2	County	Minor Arterial	Painted Median
97	27	SJTPO	CUMBERLAND	BRIDGETON CITY	06000638__	2.11	2.63	0.52	CUMBERLAND COUNTY 638	2	0	0	0	2	0	21.11	2	County	Minor Arterial	None
110	29	SJTPO	CUMBERLAND	VINELAND CITY	06141029__	2.67	3.67	1.00	CHESTNUT AVE	3	0	0	1	0	2	18.68	2	Municipal	Major Collector	None
112	30	SJTPO	CUMBERLAND	VINELAND CITY	06141359__	0.37	0.77	0.40	E ALMOND ST	2	0	0	1	0	1	17.68	2	Municipal	Local	None
112	30	SJTPO	CUMBERLAND	VINELAND CITY	06141346__	0.33	0.49	0.16	FOSTER AVE	2	0	0	1	0	1	17.68	2	Municipal	Local	None
112	30	SJTPO	CUMBERLAND	BRIDGETON CITY	06000722__	2.16	2.28	0.12	CUMBERLAND COUNTY 722	2	0	0	1	0	1	17.68	2	County	Major Collector	None
119	33	SJTPO	CUMBERLAND	MILLVILLE CITY	06101251__	0.53	0.63	0.10	OAK STREET	1	0	0	1	0	0	16.68	2	Municipal	Local	None
119	33	SJTPO	CUMBERLAND	VINELAND CITY	06000615S__	3.83	4.83	1.00	CUMBERLAND COUNTY 615 S	1	0	0	1	0	0	16.68	2	County	Minor Arterial	None
119	33	SJTPO	CUMBERLAND	MILLVILLE CITY	06101266__	0.34	0.44	0.10	NORTH STREET	1	0	0	1	0	0	16.68	1	Municipal	Local	None
119	33	SJTPO	CUMBERLAND	BRIDGETON CITY	06011226__	0.00	0.10	0.10	WASHINGTON ST	1	0	0	1	0	0	16.68	2	Municipal	Local	None
119	33	SJTPO	CUMBERLAND	MILLVILLE CITY	06101069__	0.00	0.10	0.10	CITY PARK DRIVE	1	0	0	1	0	0	16.68	2	Mun Auth, Park or Inst	Local	None
119	33	SJTPO	CUMBERLAND	VINELAND CITY	06101332__	0.00	0.10	0.10	OLD UNION ROAD	1	0	0	1	0	0	16.68	2	Municipal	Local	Painted Median
119	33	SJTPO	CUMBERLAND	MILLVILLE CITY	06101255__	0.48	0.58	0.10	MULBERRY STREET	1	0	0	1	0	0	16.68	2	Municipal	Local	None
119	33	SJTPO	CUMBERLAND	BRIDGETON CITY	06011076__	1.31	1.41	0.10	BANK STREET	1	0	0	1	0	0	16.68	1	Municipal	Local	None
119	33	SJTPO	CUMBERLAND	MAURICE RIVER TWP	00000548__	0.53	0.63	0.10	FRANCKLES LN	1	0	0	1	0	0	16.68	2	Municipal	Major Collector	None
119	33	SJTPO	CUMBERLAND	DOWNE TWP	00000553__	5.80	6.80	1.00	ROUTE 553	1	0	0	1	0	0	16.68	2	County	Minor Arterial	None
119	33	SJTPO	CUMBERLAND	VINELAND CITY	06000628__	2.23	3.23	1.00	CUMBERLAND COUNTY 628	1	0	0	1	0	0	16.68	2	County	Major Collector	None
119	33	SJTPO	CUMBERLAND	DEERFIELD TWP	00000056__	4.27	5.27	1.00	LANDIS AV	1	0	0	1	0	0	16.68	2	Municipal	Minor Arterial	Painted Median
119	33	SJTPO	CUMBERLAND	COMMERCIAL TWP	06000649__	1.40	2.40	1.00	CUMBERLAND COUNTY 649	1	0	0	1	0	0	16.68	2	County	Minor Arterial	None
119	33	SJTPO	CUMBERLAND	BRIDGETON CITY	06011156__	0.27	0.37	0.10	EAST AVE	1	0	0	1	0	0	16.68	2	Municipal	Major Collector	None
119	33	SJTPO	CUMBERLAND	MILLVILLE CITY	06101321__	0.00	0.10	0.10	COVENTRY WAY	1	0	0	1	0	0	16.68	2	Municipal	Local	None
119	33	SJTPO	CUMBERLAND	BRIDGETON CITY	06011119__	0.12	0.22	0.10	GILES ST S	1	0	0	1	0	0	16.68	2	Municipal	Local	None
211	49	SJTPO	CUMBERLAND	COMMERCIAL TWP	06000767__	2.00	2.20	0.20	BATTLE LN	2	0	0	0	1	1	11.55	2	County	Local	None

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		County	IN [1,5,6,17]	1 - Atlantic; 5 - Cape May; 6 - Cumberland; 17 - Salem
		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

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Crash Severity	KABCO Scale	2016 Dollars	ePDO Value (K=A)
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Incapacitating Injury	A	\$655,000	55.0420
Non-incapacitating Injury	B	\$198,500	16.6807
Possible Injury	C	\$125,600	10.5546
Property Damage Only	PDO	\$11,900	1.0000

$$ePDO_{TOTAL} = [K]*[ePDO_K] + [A]*[ePDO_A] + [B]*[ePDO_B] + [C]*[ePDO_C] + [PDO]*[ePDO_{PDO}]$$

$$eC_{TOTAL} = [K]*[eC_K] + [A]*[eC_A] + [B]*[eC_B] + [C]*[eC_C] + [PDO]*[0]$$

SJTPO Rank (ePDO)	County Rank	MPO	County	Town	SRI	Mile Post From	Mile Post To	Corridor Length	Route	Crashes by Severity (2012-2016)						Weighted Score (ePDO)	Lane Count	Roadway System	Functional Class	Divided By
										Total Crashes	K	A	B	C	No Injury					
211	49	SJTPO	CUMBERLAND	VINELAND CITY	06000655__	4.62	5.62	1.00	CUMBERLAND COUNTY 655	2	0	0	0	1	1	11.55	2	County	Minor Arterial	None
211	49	SJTPO	CUMBERLAND	MILLVILLE CITY	06000667__	0.65	1.65	1.00	CUMBERLAND COUNTY 667	2	0	0	0	1	1	11.55	2	County	Minor Arterial	Painted Median
211	49	SJTPO	CUMBERLAND	BRIDGETON CITY	06011181__	0.00	0.10	0.10	LAUREL ST	2	0	0	0	1	1	11.55	2	Municipal	Minor Arterial	None
211	49	SJTPO	CUMBERLAND	VINELAND CITY	06141361__	0.64	0.90	0.26	CHERRY ST	2	0	0	0	1	1	11.55	2	Municipal	Local	None