

New Jersey Network Screening Lists, 2019

Warren - High Risk Rural Roads (2014-2016 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 [2014,2015,2016]	Years 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 [2,5,6,7,8]	2 - State Highway; 5 - County; 6 - County Authority; 7 - Municipal; 8 - Mun Authority
	Intersection	NOT IN [1]	1 - At Intersection
Road	Road_Func_Class	IN [7,8,9]	7 - Rural Major Collector; 8 - Rural Minor Collector; 9 - Rural Local
	Is_Urban	IN ['N']	Non-urban (i.e., rural) roads only

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	A	\$655,000	55.0420
Non-incapacitating	B	\$198,500	16.6807
Possible Injury	C	\$125,600	10.5546
Property Damage Only	PDO	\$11,900	1.0000

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

Peer Group	Average Severe Crashes per Mile	No. of Locations
Major Collector, County Jurisdiction	0.1241	205
Major Collector, Municipal Jurisdiction	0.0000	18
Major Collector, NJDOT Jurisdiction	NA	0
Minor Collector, County Jurisdiction	0.0432	85
Minor Collector, Municipal Jurisdiction	0.0279	44
Minor Collector, NJDOT Jurisdiction	NA	0
Local, County Jurisdiction	0.0264	50
Local, Municipal Jurisdiction	0.0104	508
Local, NJDOT Jurisdiction	NA	0

County Rank (Weighted Score)	Rank (Weighted Score)	Rank (Weighted Score per Mile)	County Rank (Weighted Score per Mile)	Town	County	MPO	Route	Peer Group	SRI	Mile Post - From	Mile Post - To	Length	Crashes by Severity (2014-2016)						Severe Crashes per Mile	Severe Crashes per Mile (Peer Group + MPO Average)	Under or Over Average	Weighted Score	Weighted Score per Mile	
													Total Crashes	K	A	B	C	No Injury						
173.5	615	528	120	BLAIRSTOWN TWP	WARREN	NJTPA	DOGWOOD ROAD	Local, Municipal Jurisdiction	21041074	0.00	0.26	0.26	1	0	0	0	0	0	1	0.0000	0.0104	Under	1.00	3.85
173.5	615	897	203	HARDWICK TWP	WARREN	NJTPA	OLD MINE RD	Local, Municipal Jurisdiction	21091004	0.00	2.55	2.55	1	0	0	0	0	0	1	0.0000	0.0104	Under	1.00	0.39
173.5	615	715	159	FRANKLIN TWP	WARREN	NJTPA	BUTLER RD	Local, Municipal Jurisdiction	21051017	0.00	0.77	0.77	1	0	0	0	0	0	1	0.0000	0.0104	Under	1.00	1.30
173.5	615	487	109	BLAIRSTOWN TWP	WARREN	NJTPA	WARREN COUNTY 602	Minor Collector, County Jurisdiction	21000602	0.00	0.21	0.21	1	0	0	0	0	0	1	0.0000	0.0432	Under	1.00	4.76
173.5	615	796	178	LIBERTY TWP	WARREN	NJTPA	LAKESIDE DR S	Minor Collector, Municipal Jurisdiction	21141039	0.00	1.19	1.19	1	0	0	0	0	0	1	0.0000	0.0279	Under	1.00	0.84
173.5	615	761	167	HARMONY TWP	WARREN	NJTPA	WARREN COUNTY 622	Local, County Jurisdiction	21000622	2.07	3.03	0.96	1	0	0	0	0	0	1	0.0000	0.0264	Under	1.00	1.04
173.5	615	637	141	HOPE TWP	WARREN	NJTPA	SMITH ST	Local, Municipal Jurisdiction	21111016	0.00	0.51	0.51	1	0	0	0	0	0	1	0.0000	0.0104	Under	1.00	1.96
173.5	615	498	113	FRELINGHUYSEN TWP	WARREN	NJTPA	ROUTE 519	Major Collector, County Jurisdiction	00000519	54.93	55.15	0.22	1	0	0	0	0	0	1	0.0000	0.1241	Under	1.00	4.55
615		464	101	WHITE TWP	WARREN	NJTPA	RESERVOIR LN	Local, Municipal Jurisdiction	21231072	0.00	0.18	0.18	1	0	0	0	0	0	1	0.0000	0.0104	Under	1.00	5.56