

New Jersey Network Screening Lists, 2019

Monmouth - High Risk Rural Roads (2014-2016 Crashes)

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

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Crash Filtering Criteria

Crash	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					
70	615	487	49.5	MILLSTONE TWP	MONMOUTH	NJTPA	HAVILAND DR	Local, Municipal Jurisdiction	13321211__	0.00	0.21	0.21	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	4.76
70	615	686	66	MILLSTONE TWP	MONMOUTH	NJTPA	WHITE BIRCH RD	Local, Municipal Jurisdiction	13321148__	0.00	0.68	0.68	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	1.47
70	615	570	59	MILLSTONE TWP	MONMOUTH	NJTPA	BRUERE DR	Local, Municipal Jurisdiction	13321111__	0.00	0.34	0.34	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	2.94
70	615	683	65	MILLSTONE TWP	MONMOUTH	NJTPA	FERN DR	Local, Municipal Jurisdiction	13321110__	0.00	0.67	0.67	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	1.49
70	615	661	64	MILLSTONE TWP	MONMOUTH	NJTPA	CHADWICK RD	Local, Municipal Jurisdiction	13321104__	0.00	0.60	0.60	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	1.67
70	615	652	63	MILLSTONE TWP	MONMOUTH	NJTPA	SADDLEBROOK RD	Local, Municipal Jurisdiction	13321056__	0.00	0.56	0.56	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	1.79
70	615	536	54.5	MILLSTONE TWP	MONMOUTH	NJTPA	RED VALLEY RD	Local, Municipal Jurisdiction	13321029__	0.00	0.27	0.27	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	3.70
70	615	776	74	MILLSTONE TWP	MONMOUTH	NJTPA	SPRING RD	Local, Municipal Jurisdiction	13321028__	0.18	1.22	1.04	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	0.96
70	615	823	80	MILLSTONE TWP	MONMOUTH	NJTPA	CHARLESTON SPRINGS RD	Local, Municipal Jurisdiction	13321021__	0.00	1.35	1.35	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	0.74
70	615	887	82	MILLSTONE TWP	MONMOUTH	NJTPA	NURKO RD	Local, Municipal Jurisdiction	13321011__	0.00	2.28	2.28	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	0.44
70	615	749	70	MILLSTONE TWP	MONMOUTH	NJTPA	PARKSIDE WY	Local, Municipal Jurisdiction	13321003__	0.00	0.89	0.89	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	1.12
70	615	548	57	MANALAPAN TWP	MONMOUTH	NJTPA	SAMARITAN WAY	Local, Municipal Jurisdiction	13261540__	0.00	0.30	0.30	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	3.33
70	615	536	54.5	FREEHOLD TWP	MONMOUTH	NJTPA	TREE TOP CIR	Local, Municipal Jurisdiction	13161409__	0.00	0.27	0.27	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	3.70
70	615	751	71	FREEHOLD TWP	MONMOUTH	NJTPA	HENDRICKSON ROAD	Local, Municipal Jurisdiction	13161002__	0.00	0.90	0.90	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	1.11
70	615	794	76	FREEHOLD TWP	MONMOUTH	NJTPA	FRANCIS MILLS RD	Local, Municipal Jurisdiction	13161001__	0.00	1.18	1.18	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	0.85
70	615	477	48	UPPER FREEHOLD TWP	MONMOUTH	NJTPA	MONMOUTH COUNTY 27 II	Local, County Jurisdiction	130000272__	0.00	0.20	0.20	1	0	0	0	0	1	0.0000	0.0264	Under	1.00	5.00
70	615	839	81	UPPER FREEHOLD TWP	MONMOUTH	NJTPA	EAST BRANCH RD	Local, Municipal Jurisdiction	13511029__	0.00	1.52	1.52	1	0	0	0	0	1	0.0000	0.0104	Under	1.00	0.66