

New Jersey Network Screening Lists, 2019

Morris - Pedestrian Intersection List (2012-2016 Crashes)

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

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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	A	\$655,000	55.0420	5.2150
Non-incapacitating	B	\$198,500	16.6807	1.5804
Possible Injury	C	\$125,600	10.5546	1.0000
Property Damage Only	PDO	\$11,900	1.0000	-

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

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

Crash Filtering Criteria

Category	Filter	Value	Description
Crash	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	IN [1]	1 - At Intersection
Pedestrian	Crash_Type	IN [13]	13 - Pedestrian
	Total_Peds_Involved	>0	At least one pedestrian/bicyclist involved
	Is_Bicyclist	NOT IN [Y]	At least one pedestrian involved is not a bicyclist

County Rank	Rank (Weighted Score)	MPO	County	Town	Major Route			Minor Route			Crashes by Severity (2012-2016)						Roadway System	Weighted Score (ePDO)	Weighted Score (eC)
					SRI	Milepost	Route Name	SRI	MP	Route Name	Total Crashes	K	A	B	C	No Injury			
98	3,748	NJTPA	MORRIS	DOVER TOWN	00000046	38.31	Mcfarland Street	14091146	0.30	North Sussex Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
98	3,748	NJTPA	MORRIS	PARSIPPANY-TROY HILLS	14211564	1.63	Vail Road	14291434	0.96	Roosevelt Avenue	1	0	0	0	0	1	Municipal	1.00	0.00
98	3,748	NJTPA	MORRIS	DENVILLE TWP	14000603	0.00	Diamond Spring Road	14081123	0.25	Broadway	1	0	0	0	0	1	County	1.00	0.00
98	3,748	NJTPA	MORRIS	DOVER TOWN	14000665	1.10	South Salem Street	00000513	41.89	East Blackwell Street	1	0	0	0	0	1	County	1.00	0.00
98	3,748	NJTPA	MORRIS	MORRISTOWN TOWN	14241136	0.00	Ann Street	14241155	0.10	Schuyler Place	1	0	0	0	0	1	Municipal	1.00	0.00
98	3,748	NJTPA	MORRIS	MORRISTOWN TOWN	14241156	0.08	Maple Avenue	14241159	0.11	Dehart Street	1	0	0	0	0	1	County	1.00	0.00
98	3,748	NJTPA	MORRIS	MORRISTOWN TOWN	14241160	0.20	Spring Street	14241086	0.00	Bishop Nazery Way	1	0	0	0	0	1	Municipal	1.00	0.00
98	3,748	NJTPA	MORRIS	ROXBURY TWP	14361293	3.03	Eyland Avenue	14361204	0.00	Eyland Place	1	0	0	0	0	1	Municipal	1.00	0.00