

New Jersey Network Screening Lists, 2023

NJTPA - Intersection List (2018-2020 Crashes)

Developed by GPI for the New Jersey Department of Transportation (NJDOT)

Print Date: Friday, November 3, 2023
Delivery Date: August 10, 2023

Crash Filtering Criteria

Table with columns: Source Table, Query Logic, Source Table Field, Readable Field, Query Values, Description. Includes filters for year, county, and road system.

Table: Equivalent Property Damage Only (ePDO) Score Weights. Columns: Crash Severity, KABCO Scale, 2022 Dollars, ePDO Value (K=A), eC Value (K=A). Rows include Fatal, Incapacitating Injury, Non-Incapacitating Injury, Possible Injury, Property Damage Only.

$$ePDO_{TOTAL} = [K]^2[ePDO_x] + [A]^2[ePDO_a] + [B]^2[ePDO_b] + [C]^2[ePDO_c] + [PDO] * [ePDO_{PDO}]$$

$$eC_{TOTAL} = [K]^2[eC_x] + [A]^2[eC_a] + [B]^2[eC_b] + [C]^2[eC_c] + [PDO] * [0]$$

Table: EJ Area Thresholds. Columns: Threshold Type, Value, Percentage. Includes Minority % and Low-Income %.

The Network Screening List is based upon a programmatic analysis of statewide locations utilizing data supplied by third party sources. Because of limitations in the data supplied and the method used to develop the list, users should be aware that the rankings of locations and data for locations may be incorrect and/or incomplete. Analysis and engineering judgement should be used when applying insights and assessing network locations. The New Jersey Department of Transportation makes no guarantees as to the accuracy, completeness, or content of the information. This list is subject to update as more information becomes available.

Main data table with columns: Rank (ePDO), County Rank (ePDO), MPO, County, Municipality, Major Route (SRI, Milepost, Route Name), Minor Route (SRI, Milepost, Route Name), Crashes by Severity (2017-2020), Weighted Score (ePDO), Is EJ Area?, Is Census Block Group Pop. < 1,000?, NJDOT SLD - Roadway Jurisdiction of Major Route, EIScreen - Census Block Group Population (Lowest Value), EIScreen - Minority % (Highest Value), EIScreen - Low-Income % (Highest Value).