

New Jersey Network Screening Lists, 2023

NJTPA - Intersection List (2018-2020 Crashes)

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

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Crash Filtering Criteria

Table with columns: Source Table, Query Logic, Source Table Field, Readable Field, Query Values, Description. Contains filtering criteria for Safety Voyager Accidents Table based on year, county, road system, and intersection type.

Equivalent Property Damage Only (ePDO) Score Weights table. 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]*[ePDO_A]+[A]*[ePDO_B]+[B]*[ePDO_C]+[C]*[ePDO_D]+[PDO]*[ePDO_F]

eC TOTAL = [K]*[eC_A]+[A]*[eC_B]+[B]*[eC_C]+[C]*[eC_D]+[PDO]*[0]

EJ Area Thresholds table. Columns: Metric, Threshold, Value. Rows: Minority %, 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, SRI, Milepost, Major Route, Minor Route, Route Name, Total Crashes, K, A, B, C, O, Weighted Score (ePDO), Is EJ Area?, Is Census Block Group Pop. < 1,000?, NJDOT SLD - Roadway Jurisdiction of Major Route, EJScreen - Census Block Group Population (Lowest Value), EJScreen - Minority % (Highest Value), EJScreen - Low-Income % (Highest Value). Contains 5000+ rows of crash data.

