

New Jersey Network Screening Lists, 2023

SJTPO - Pedestrian/Bicycle Corridor List (2016-2020 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. It details filters for Safety Voyager Accidents Table, including AND/OR logic for year, county, road system, intersection, crash type, and pedestrian/cyclist involvement.

Table titled 'Equivalent Property Damage Only (ePDO) Score Weights'. Columns include Crash Severity (Fatal, Incapacitating Injury, etc.), KABCO Scale, 2023 Dollars, ePDO Value (K=A), and eC Value (K=A).

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]*[eC PDO]

Table titled 'EJ Area Thresholds'. Columns include Minority % and Low-Income %, with threshold values (e.g., >= 45%, >= 22%).

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.

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Main data table titled 'Crashes by Severity (2016-2020)'. It contains 25 columns including Rank (ePDO), County Rank, MPO, County, Municipality, SRI, Mile Post - From, Mile Post - To, Corridor Length, Route, Total Crashes, K, A, B, C, O, Weighted Score (ePDO), Weighted Score (eC), Is EJ Area?, Is Census Block Group Pop. < 1,000?, NJDOT SLD - Lane Count, NJDOT SLD - Roadway Jurisdiction, NJDOT SLD - Functional Class, ARD - Divided By, EIScreen - Census Block Group Population (Lowest Value), EIScreen - Minority % (Highest Value), and EIScreen - Low-Income % (Highest Value). Rows list various locations and crash statistics.