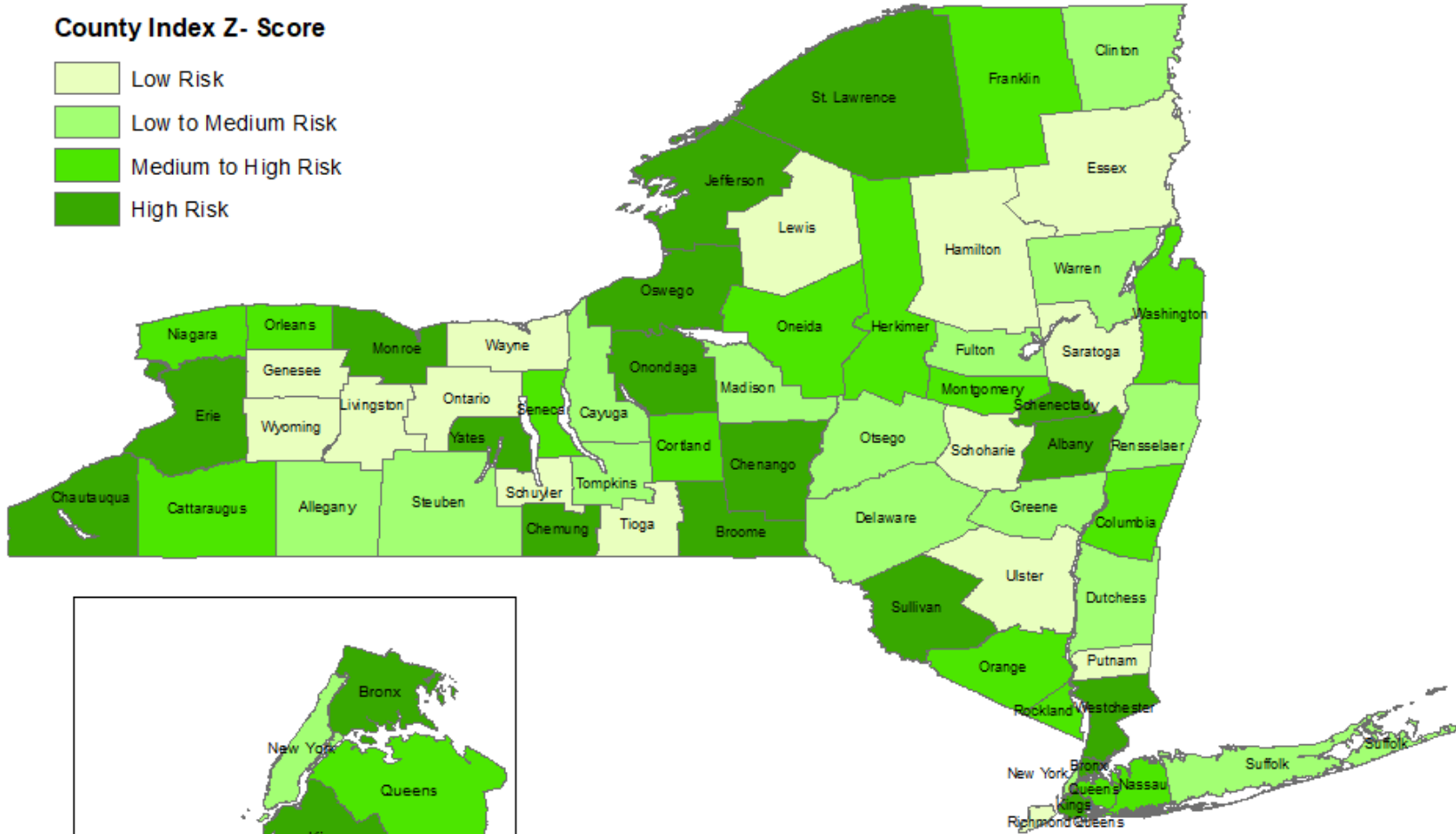


### Sexual Violence Risk Index 2023 Average Z-Scores by County

Scores calculated using 12 sexual violence risk factors

**County Index Z- Score**

- Low Risk
- Low to Medium Risk
- Medium to High Risk
- High Risk



| New York City Region |          |                       |
|----------------------|----------|-----------------------|
| Risk                 | County   | Average Index Z-Score |
| High Risk            | Bronx    | 1.2190                |
|                      | Kings    | 0.0725                |
| Medium to High Risk  | Queens   | -0.2114               |
| Low to Medium Risk   | New York | -0.2831               |
| Low Risk             | Richmond | -0.7814               |

| Rest of State Region |              |                       |
|----------------------|--------------|-----------------------|
|                      | County       | Average Index Z-Score |
| High Risk            | Chenango     | 0.6528                |
|                      | Broome       | 0.4898                |
|                      | Monroe       | 0.4447                |
|                      | Chautauqua   | 0.4266                |
|                      | Schenectady  | 0.4239                |
|                      | Onondaga     | 0.4150                |
|                      | Chemung      | 0.3839                |
|                      | Albany       | 0.3438                |
|                      | St. Lawrence | 0.3261                |
|                      | Yates        | 0.3257                |
|                      | Sullivan     | 0.3252                |
|                      | Westchester  | 0.3110                |
|                      | Erie         | 0.2833                |
|                      | Jefferson    | 0.2220                |
|                      | Oswego       | 0.2174                |
| Medium to High Risk  | Orleans      | 0.2007                |
|                      | Franklin     | 0.1803                |
|                      | Columbia     | 0.1714                |
|                      | Nassau       | 0.1587                |
|                      | Herkimer     | 0.1381                |
|                      | Oneida       | 0.1332                |
|                      | Montgomery   | 0.1282                |
|                      | Niagara      | 0.1133                |
|                      | Cattaraugus  | 0.0802                |
|                      | Washington   | 0.0759                |
|                      | Cortland     | 0.0600                |
|                      | Seneca       | 0.0417                |
|                      | Rockland     | 0.0280                |
|                      | Orange       | 0.0072                |

| Rest of State Region |            |                       |
|----------------------|------------|-----------------------|
|                      | County     | Average Index Z-Score |
| Low to Medium Risk   | Clinton    | 0.0044                |
|                      | Steuben    | -0.0129               |
|                      | Delaware   | -0.0277               |
|                      | Greene     | -0.0286               |
|                      | Warren     | -0.0353               |
|                      | Cayuga     | -0.0431               |
|                      | Tompkins   | -0.0480               |
|                      | Dutchess   | -0.0560               |
|                      | Rensselaer | -0.0748               |
|                      | Madison    | -0.1060               |
|                      | Fulton     | -0.1078               |
|                      | Otsego     | -0.1310               |
|                      | Suffolk    | -0.1470               |
| Low Risk             | Allegany   | -0.1574               |
|                      | Ulster     | -0.1854               |
|                      | Schoharie  | -0.2224               |
|                      | Essex      | -0.2460               |
|                      | Wayne      | -0.2567               |
|                      | Genesee    | -0.2809               |
|                      | Ontario    | -0.2839               |
|                      | Livingston | -0.3553               |
|                      | Schuyler   | -0.3918               |
|                      | Tioga      | -0.4027               |
|                      | Lewis      | -0.4152               |
|                      | Putnam     | -0.7435               |
|                      | Wyoming    | -0.7680               |
| Saratoga             | -0.8434    |                       |
| Hamilton             | -0.9954    |                       |

## Sexual Violence Risk Index - Overview

To create the Sexual Violence Risk Index, a comprehensive literature review of peer-reviewed articles, publicly available tools and resources such as the CDC VetoViolence Indicator database, were sourced to identify several socioeconomic, demographic, environmental, and relationship risk factors for sexual violence victimization and perpetration. Risk factors were grouped into individual, relationship, and community categories. Data sources identified for county-level estimates of these risk factors included federal (e.g., American Community Survey, US Census Bureau) and state (e.g., Statewide Planning and Research Cooperative System emergency department data, Division of Criminal Justice Services) resources. If data were unavailable at the county level, a proxy indicator was identified to estimate risk when possible. Due to the unavailability of data, some direct and/or proxy risk factors could not be included in the panel of factors. Remaining risk factors were assessed for feasibility and connection to the program priorities. Data for each risk factor were normalized (converted into Z-scores) to allow comparison of counties and identify those at highest risk.

A Z-score is a statistical measurement that describes a values relationship to the mean of a group of values. A Z-score of 0 indicates that the data points score is identical to the mean. As scores increase in value, the data points are farther away from the mean and indicate a higher risk than on average. To accommodate for the differences in volume and density of populations, data in counties in New York City were compared to the New York City average, while all other counties were compared to the average of New York State excluding NYC.

**Note:** Counties identified as low risk represent areas with lower proportions of vulnerable populations but *does not* imply no risk. Even in areas of low risk, certain individuals and communities can be at a higher risk than others. Risk factors used are dependent on data availability and therefore result in some uncertainty.