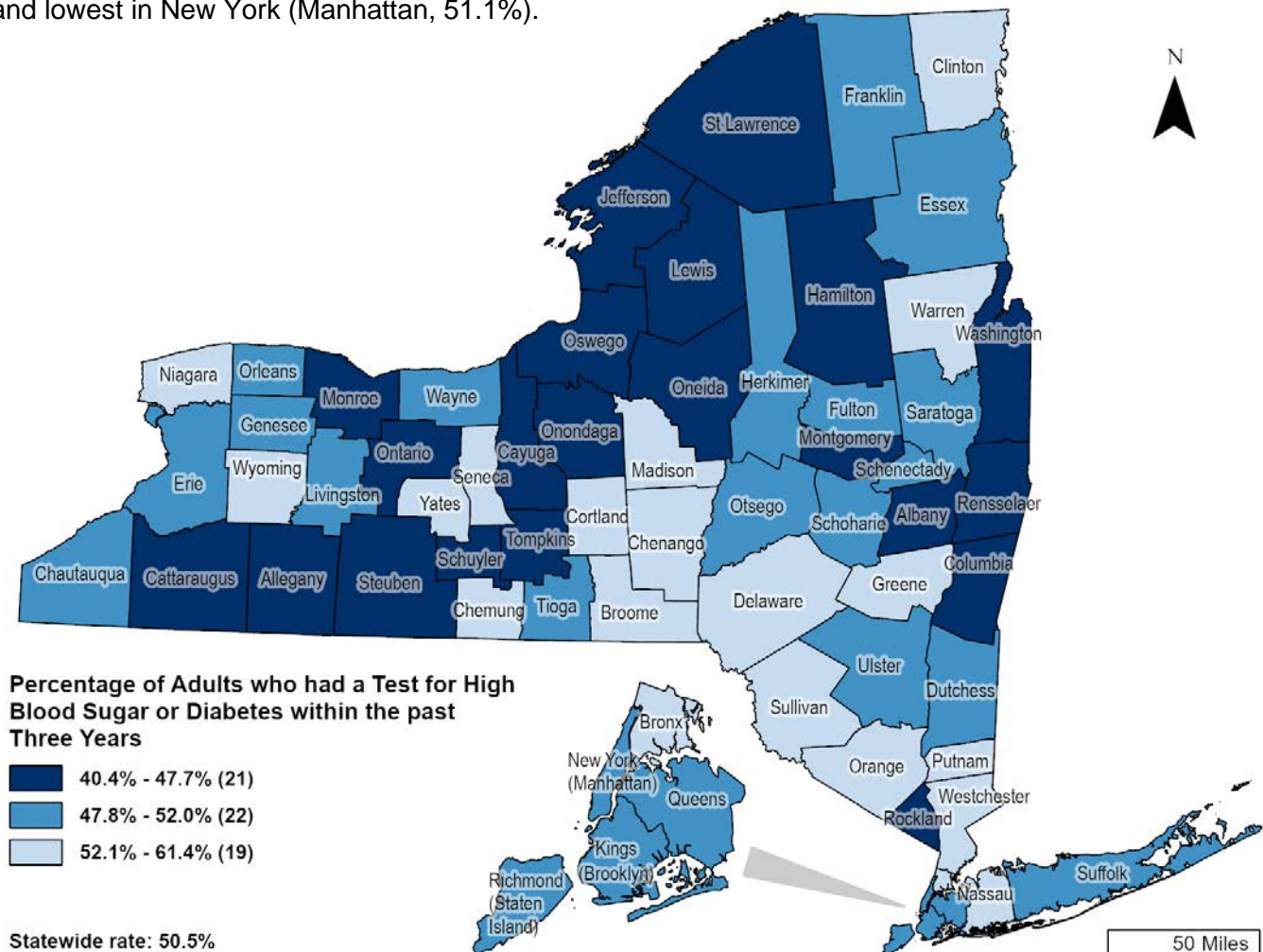


## Percentage of New York State Adults Tested for High Blood Sugar, by County, BRFSS 2021

Promoting routine screening for high blood sugar (or blood glucose testing) is a public health action that can help prevent or delay the onset of diabetes within a community. County-level percentages of adults tested for high blood sugar<sup>1</sup> in the past three years were obtained from the 2021 NYS Behavioral Risk Factor Surveillance System (BRFSS). About one-half (50.5%) of NYS adults had a test for high blood sugar or diabetes in the past three years. The percentage of adults tested for high blood sugar varies by county, from 40.4% in Columbia County to 61.4% in Greene County.

- For counties outside New York City (NYC), the percentage of adults tested for high blood sugar was highest in Greene (61.4%), Niagara (59.8%), and Cortland (59.5%) counties.
- For counties outside NYC, the percentage of adults tested for high blood sugar was lowest in Columbia (40.4%), Allegany (41.5%), and Hamilton (41.7%) counties.
- Among NYC boroughs, the percentage of adults tested for high blood sugar was highest in Bronx (53.5%) and lowest in New York (Manhattan, 51.1%).



### Public Health Opportunity

To help identify, prevent, and manage diabetes in NYS, the Prevention Agenda focuses on creating clinical and community environments that support the prevention, early detection, and management of diabetes, especially for populations at greatest risk due to social determinants of health. Relevant goals include promoting routine testing, reducing obesity, supporting evidence-based care in health care systems to prevent and manage diabetes, and increasing referrals to evidence-based community programs to support individuals with and at risk for developing diabetes. County-level estimates can be used to identify areas of concern, track progress for program interventions, and evaluate the effectiveness of blood sugar testing activities. Monitoring county-level rates can be helpful towards the development of future program interventions in clinical and community settings. Local health departments and their partners can use this information to educate local decision-makers and support NYS Prevention Agenda reporting.



**Percentage of New York State Adults Tested for High Blood Sugar, by County, BRFSS 2021**

County	Percentage of adults tested for high blood sugar	95% CI	County	Percentage of adults tested for high blood sugar	95% CI
Albany	45.8	[40.4 - 51.1]	Niagara	59.8	[50.0 - 69.6]
Allegany	41.5	[31.1 - 52.0]	Oneida	47.2	[39.4 - 55.0]
Bronx	53.5	[48.9 - 58.1]	Onondaga	46.3	[40.4 - 52.1]
Broome	55.4	[48.2 - 62.6]	Ontario	44.4	[35.9 - 52.9]
Cattaraugus	44.5	[34.9 - 54.1]	Orange	54.9	[47.1 - 62.7]
Cayuga	44.0	[35.7 - 52.3]	Orleans	47.8	[36.8 - 58.9]
Chautauqua	49.7	[39.9 - 59.4]	Oswego	47.4	[39.0 - 55.8]
Chemung	54.8	[46.5 - 63.2]	Otsego	49.2	[39.9 - 58.4]
Chenango	54.2	[43.6 - 64.8]	Putnam	56.0	[46.2 - 65.7]
Clinton	55.0	[44.8 - 65.1]	Queens	51.6	[47.9 - 55.3]
Columbia	40.4	[29.9 - 50.8]	Rensselaer	46.4	[36.3 - 56.4]
Cortland	59.5	[43.0 - 76.1]	Richmond	51.3	[44.0 - 58.7]
Delaware	56.1	[45.6 - 66.7]	Rockland	45.0	[36.4 - 53.6]
Dutchess	50.8	[41.5 - 60.1]	St Lawrence	44.8	[35.2 - 54.4]
Erie	50.1	[45.5 - 54.8]	Saratoga	51.1	[41.9 - 60.3]
Essex	49.2	[40.3 - 58.1]	Schenectady	49.7	[39.6 - 59.7]
Franklin	51.9	[43.2 - 60.7]	Schoharie	49.7	[39.8 - 59.5]
Fulton	52.0	[44.2 - 59.8]	Schuyler	46.3	[33.0 - 59.6]
Genesee	48.1	[39.6 - 56.6]	Seneca	58.5	[45.6 - 71.4]
Greene	61.4	[47.2 - 75.6]	Steuben	47.0	[39.0 - 55.1]
Hamilton	41.7	[23.3 - 60.1]	Suffolk	49.0	[44.9 - 53.2]
Herkimer	52.0	[42.8 - 61.2]	Sullivan	58.7	[48.4 - 69.0]
Jefferson	44.1	[38.3 - 50.0]	Tioga	49.4	[37.7 - 61.1]
Kings	51.9	[48.2 - 55.5]	Tompkins	46.6	[36.0 - 57.1]
Lewis	46.6	[36.5 - 56.8]	Ulster	48.5	[39.1 - 58.0]
Livingston	49.5	[37.1 - 62.0]	Warren	58.8	[51.5 - 66.1]
Madison	52.3	[43.1 - 61.5]	Washington	42.2	[33.8 - 50.6]
Monroe	47.7	[43.2 - 52.2]	Wayne	49.0	[41.1 - 56.8]
Montgomery	47.1	[38.7 - 55.4]	Westchester	53.9	[48.3 - 59.4]
Nassau	58.1	[53.7 - 62.5]	Wyoming	54.8	[43.9 - 65.7]
New York	51.1	[46.8 - 55.3]	Yates	52.7	[41.4 - 64.1]

\*When comparing rates, the 95% confidence interval (95% CI) provides the statistical range containing the true population rate with a 95% probability.

<sup>1</sup>Based on a 'Yes' response to the question: "Have you had a test for high blood sugar or diabetes within the past three years?"

**Note:** County estimates are not age-adjusted. Age-adjusted estimates can be accessed [here](https://www.health.ny.gov/statistics/prevention/injury_prevention/information_for_action/index.htm) on Health Data NY. Map categories (shading) reflect tertiles and do not represent a statistically significant difference.

**Contact:** For more information, please send an e-mail to [BCDER@health.ny.gov](mailto:BCDER@health.ny.gov) with IFA # 2023-11 in the subject line. To access other Information for Action reports, visit the NYSDOH public website: [https://www.health.ny.gov/statistics/prevention/injury\\_prevention/information\\_for\\_action/index.htm](https://www.health.ny.gov/statistics/prevention/injury_prevention/information_for_action/index.htm). For more information about prediabetes and diabetes visit: <https://www.health.ny.gov/diseases/conditions/diabetes/>