



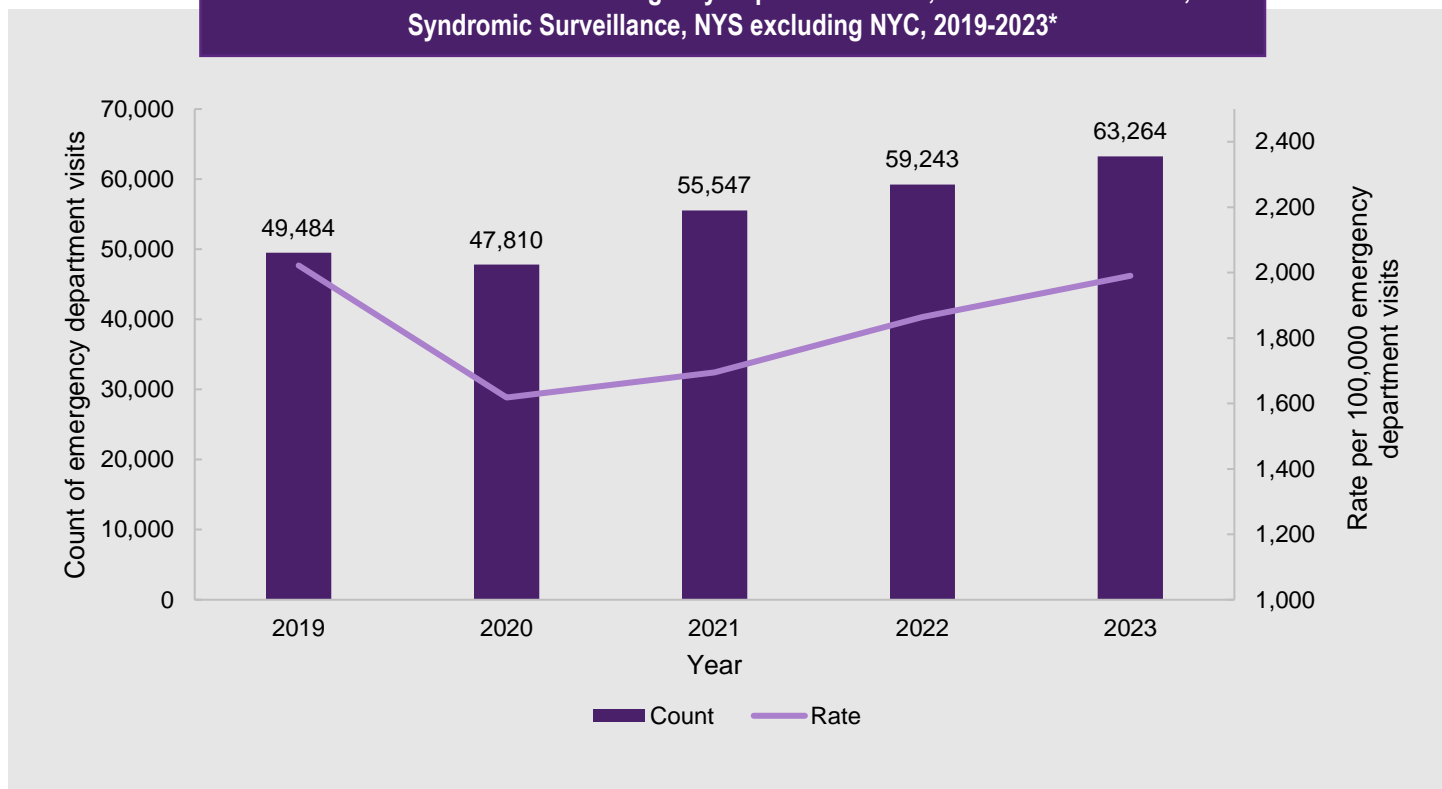
**Department
of Health**

2023

**New York State
(Excluding New York City)
Nonfatal Suicide-Related
Syndromic Surveillance
Annual Data Brief**

The Centers for Disease Control and Prevention funds the Comprehensive Suicide Prevention cooperative agreement to help states expand suicide prevention activities in communities and increase the timeliness of surveillance of nonfatal suicide-related outcomes. The goal is to collect and disseminate high quality timely syndromic surveillance data on nonfatal suicide including nonfatal self-harm, suicide attempt, suicidal ideation, and intentional drug overdose/poisoning. In partnership with the New York State Office of Mental Health, Suicide Prevention Center of New York, the New York State Department of Health aims to track and respond to patterns in suicide-related syndromic surveillance data in New York State (NYS), excluding New York City (NYC) and inform targeted prevention efforts and interventions to disproportionately affected populations.

FIGURE 1: Suicide-Related Emergency Department Visits, Total Count and Rate, Syndromic Surveillance, NYS excluding NYC, 2019-2023*



Syndromic surveillance utilizes emergency department patient chief complaints and diagnosis codes submitted to the New York State Department of Health electronically. Custom software reads the chief complaint and diagnosis code fields of every patient record and searches for disease or medical condition related words, phrases, symptoms, and diagnosis codes. When a match occurs, the record is assigned to one or multiple syndromes. A syndrome is defined as a disease or medical condition characterized by a set of symptoms and diagnosis codes. Nonfatal suicide-related is 1 of the 22 syndromes recorded by the New York State Department of Health.

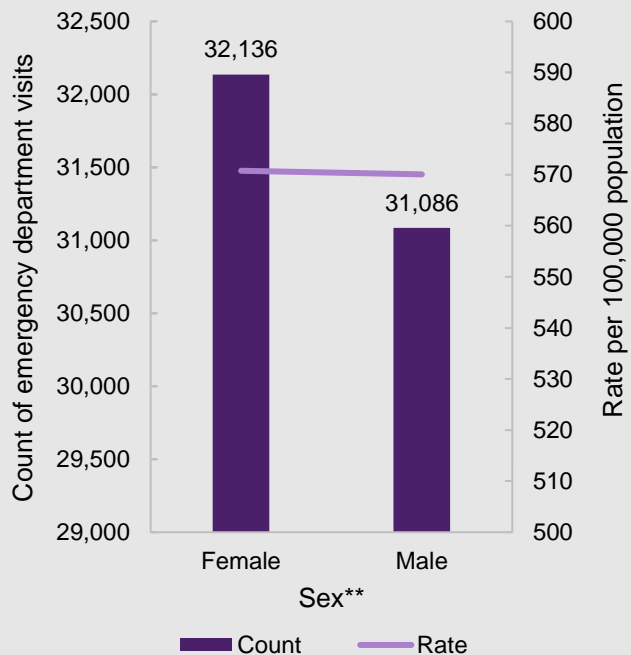
*In 2024, the nonfatal suicide-related definition was refined to remove SNOMED codes and ICD-9-CM codes and include more misclassification terms for all subcategories: suicide attempt, suicide ideation, self-harm, and intentional overdose. All data presented on this report, including data between 2019-2022 has been analyzed based on the 2024 syndrome definition.

For questions or more information on syndromic surveillance data, please contact:
syndsurv@health.ny.gov.

Please visit https://health.ny.gov/prevention/injury_prevention/suicide_selfharm.htm for more suicide and self-harm data, information, and resources.



FIGURE 2: Suicide-Related Emergency Department Visits and Rate by Sex, Syndromic Surveillance, NYS excluding NYC, 2023**



**Sex represents "gender" as reported by emergency departments to the Electronic Syndromic Surveillance System and may be unconfirmed or self-reported by the patient. Categories with >0.5% have been suppressed.

FIGURE 3: Suicide-Related Emergency Department Visits and Rate by Ethnicity, Syndromic Surveillance, NYS excluding NYC, 2023

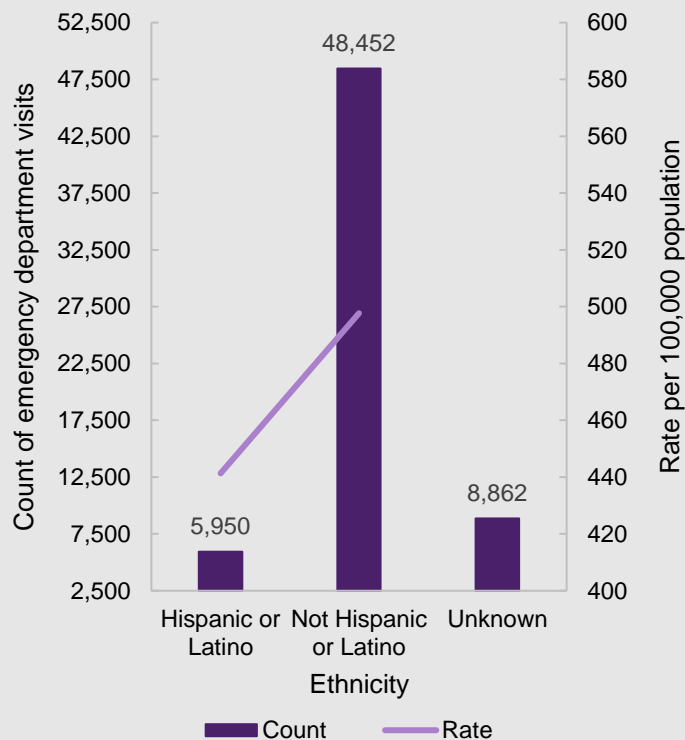


FIGURE 4: Suicide-Related Emergency Department Visits and Rate by Race, Syndromic Surveillance, NYS excluding NYC, 2023

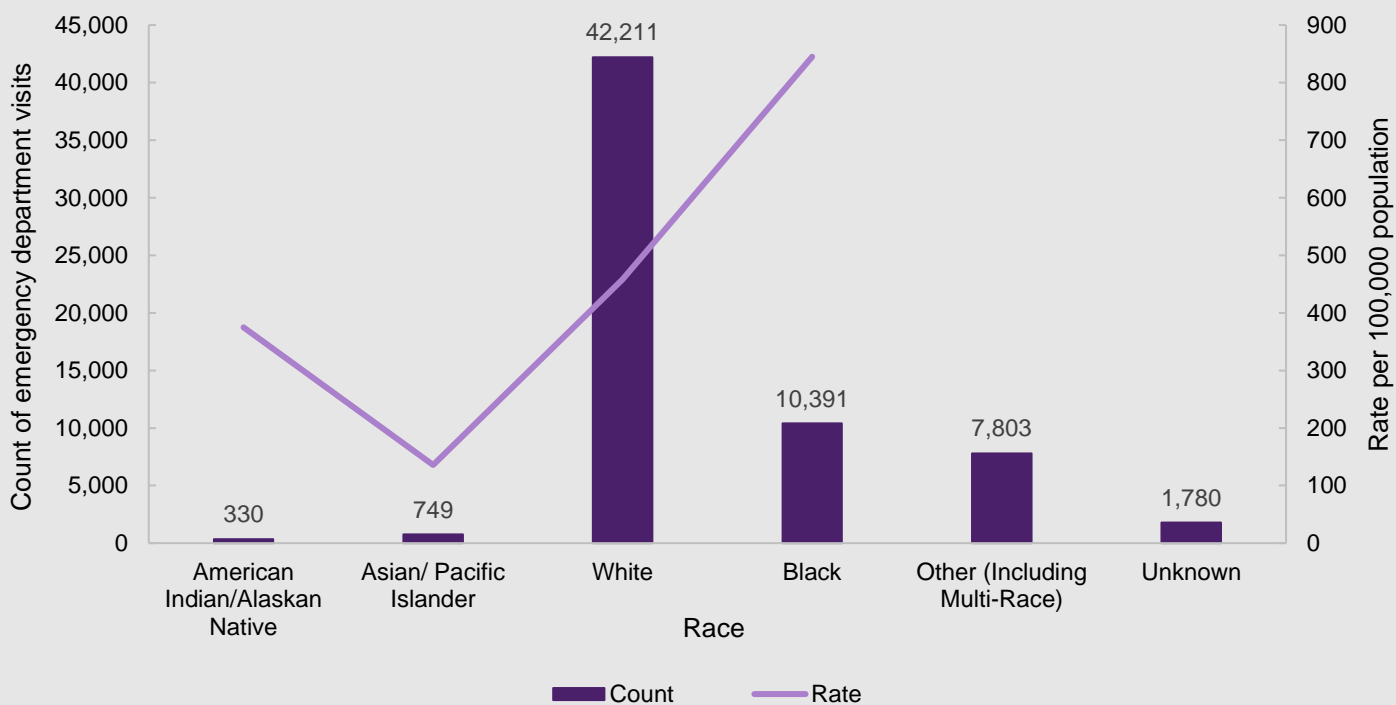


FIGURE 5: Suicide-Related Emergency Department Visits and Rate by Age Group (In Years), Syndromic Surveillance, NYS excluding NYC, 2023

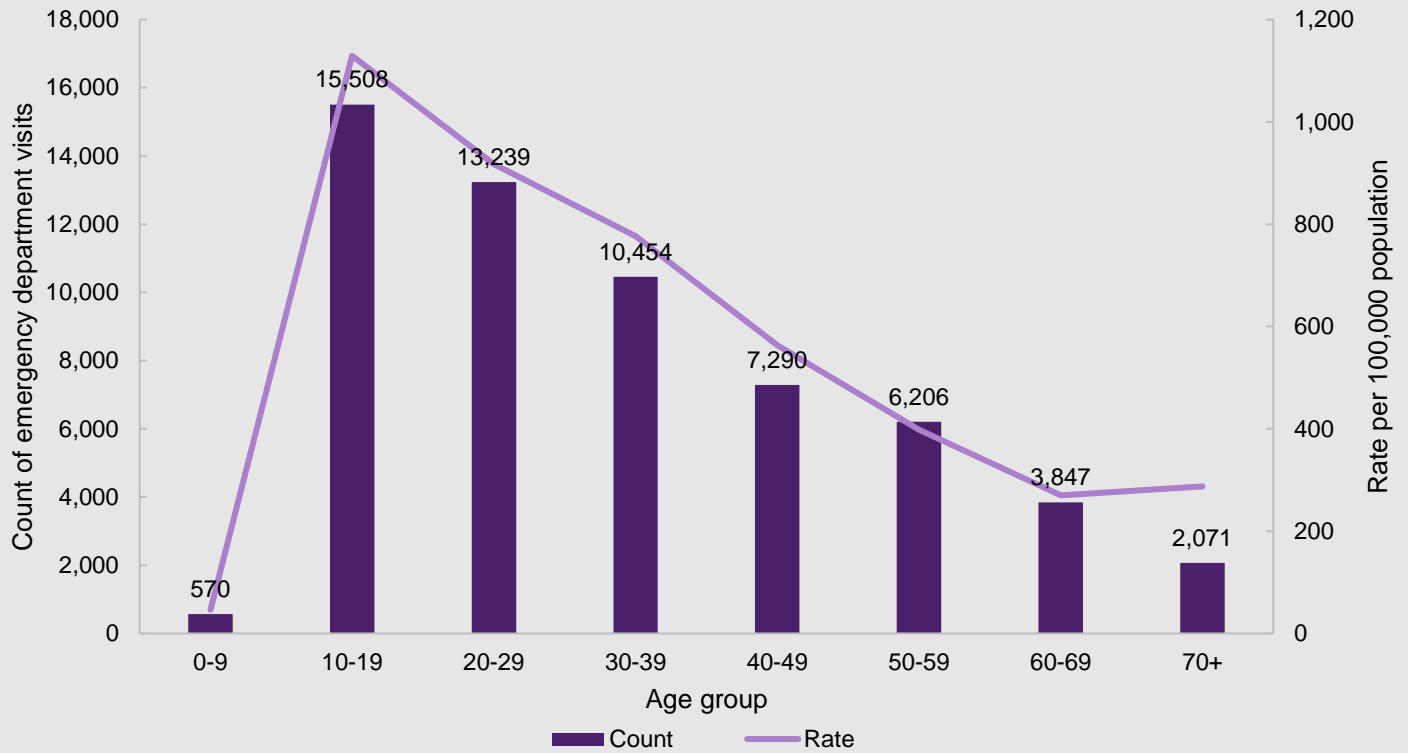


FIGURE 6: Suicide-Related Emergency Department Visit Discharge Disposition by Percentage, Syndromic Surveillance, NYS excluding NYC, 2023

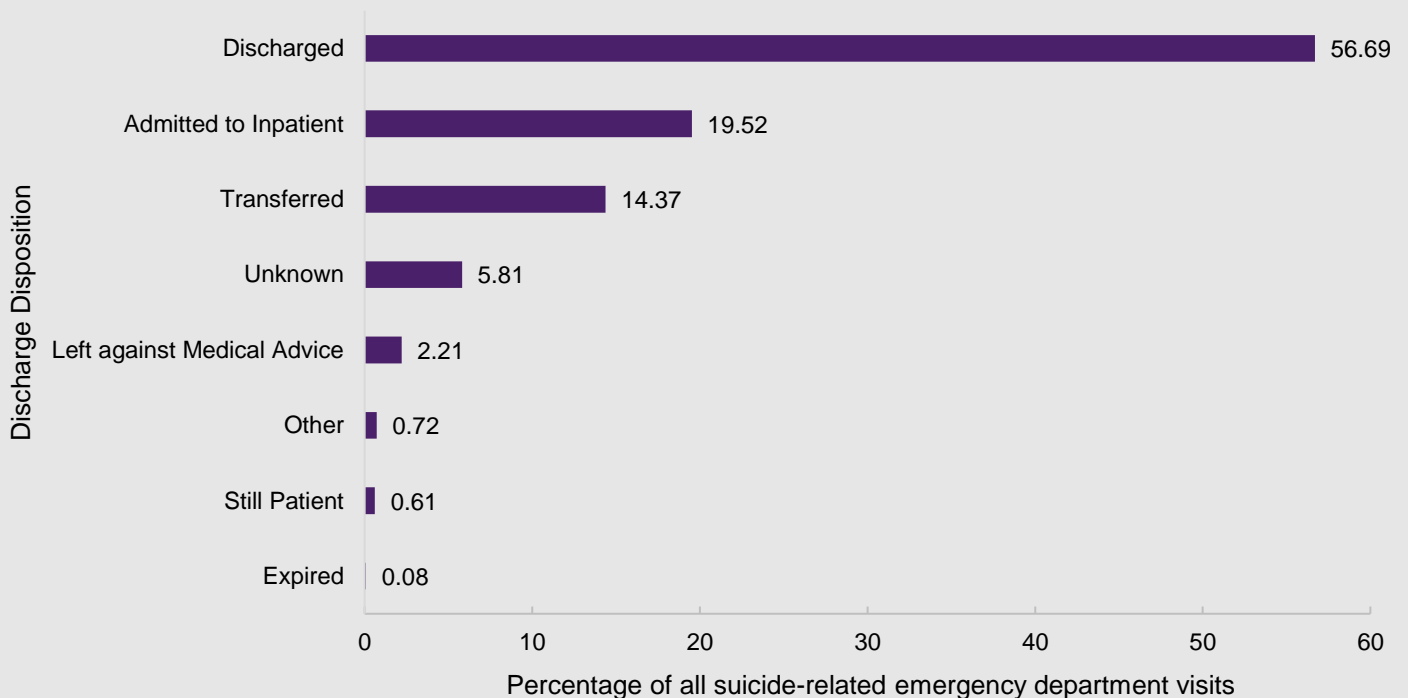
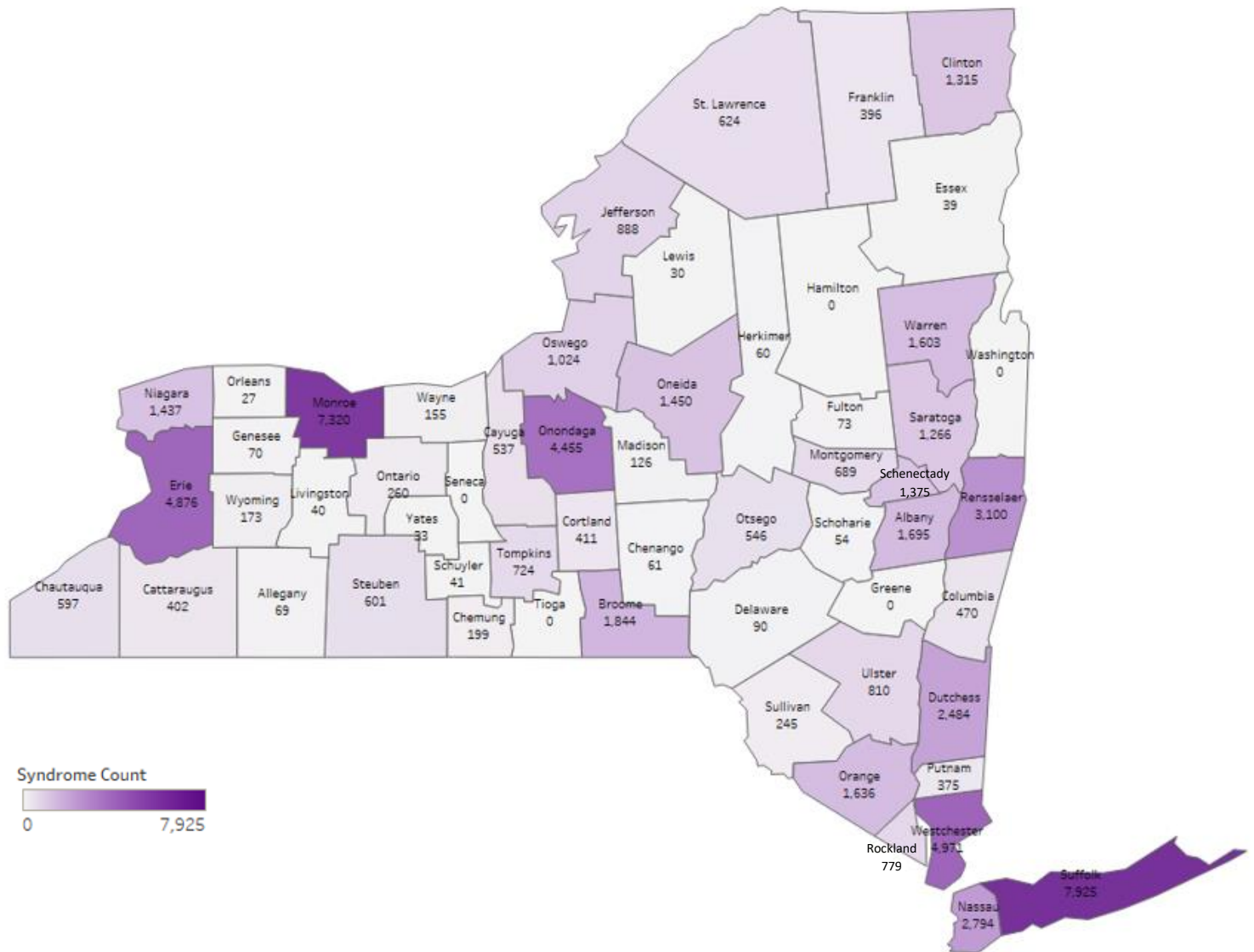


FIGURE 7: Suicide-Related Emergency Department Visits by County, Syndromic Surveillance, NYS excluding NYC, 2023



The marks and color are labeled by County Hospitals and sum of syndrome count. This map does not depict patient residential zip code. Patients may reside in a different county than the hospital they presented at. Counties with a count of zero (0) do not have emergency departments located within the county.

APPENDIX 1: Suicide-Related Emergency Department Visits and Percentage (%) by County with one or more Emergency Departments, Syndromic Surveillance, NYS excluding NYC, 2023

County	Count	%	County	Count	%	County	Count	%	County	Count	%
Albany	1,695	2.68	Erie	4,876	7.71	Niagara	1,437	2.27	Schoharie	54	0.09
Allegany	69	0.11	Essex	39	0.06	Oneida	1,450	2.29	Schuyler	41	0.06
Broome	1,844	2.91	Franklin	396	0.63	Ontonago	4,455	7.04	St. Lawrence	624	0.99
Cattaraugus	402	0.64	Fulton	73	0.12	Ontario	260	0.41	Steuben	601	0.95
Cayuga	537	0.85	Genesee	70	0.11	Orange	1,636	2.59	Suffolk	7,925	12.53
Chautauque	597	0.94	Herkimer	60	0.09	Orleans	27	0.04	Sullivan	245	0.39
Chemung	199	0.31	Jefferson	888	1.4	Oswego	1,024	1.62	Tompkins	724	1.14
Chenango	61	0.1	Lewis	30	0.05	Otsego	546	0.86	Ulster	810	1.28
Clinton	1,315	2.08	Livingston	40	0.06	Putnam	375	0.59	Warren	1,603	2.53
Columbia	470	0.74	Madison	126	0.2	Rensselaer	3,100	4.9	Wayne	155	0.25
Cortland	411	0.65	Monroe	7,320	11.57	Rockland	779	1.23	Westchester	4,971	7.86
Delaware	90	0.14	Montgomery	689	1.09	Saratoga	1,266	2	Wyoming	173	0.27
Dutchess	2,484	3.93	Nassau	2,794	4.42	Schenectady	1,375	2.17	Yates	33	0.05