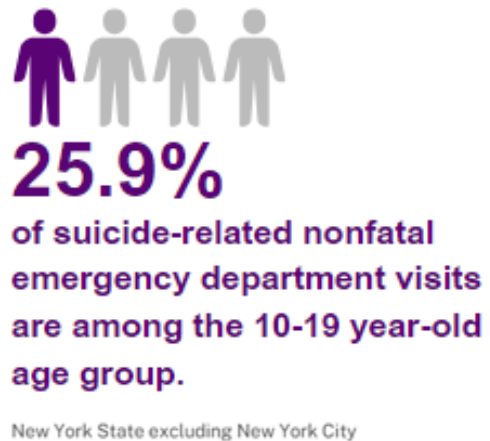

NEW YORK STATE (NYS)
(EXCLUDING NEW YORK CITY (NYC))
NONFATAL SUICIDE-RELATED
SYNDROMIC SURVEILLANCE
ANNUAL DATA BRIEF
2019-2022





NYS (EXCLUDING NYC) NONFATAL SUICIDE-RELATED SYNDROMIC SURVEILLANCE ANNUAL DATA BRIEF 2019-2022

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

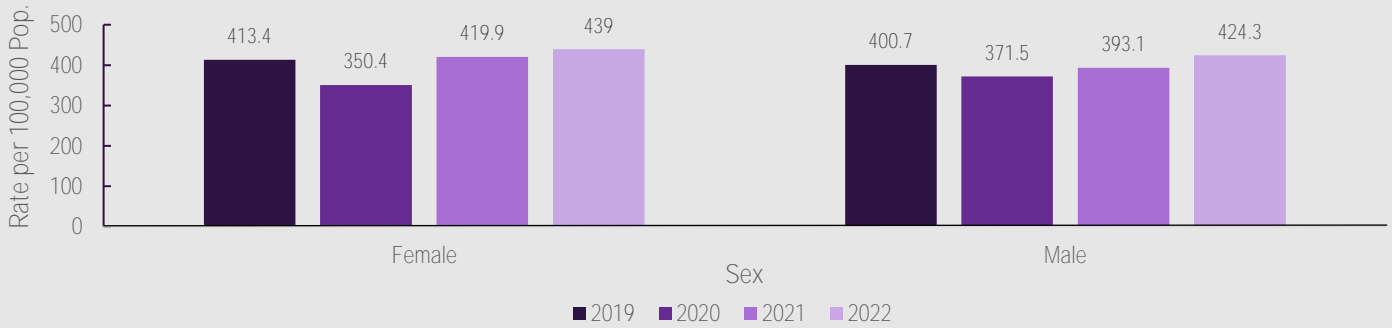


Syndromic surveillance utilizes Emergency Department (ED) patient chief complaints and diagnosis codes submitted to NYSDOH electronically. Custom software reads the chief complaint and diagnosis code fields of every patient record and searches for disease or medical condition related words, phrases, 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 is 1 of the 17 NYSDOH recorded syndromes.

For syndromic surveillance data please contact: syndsurv@health.ny.gov. For suicide prevention, please contact: suicideprevention@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 1: SUICIDE-RELATED RATE BY *SEX, SYNDROMIC SURVEILLANCE, NYS EXCLUDING NYC, 2019-2022



*Sex is captured as "gender" in the Electronic Syndromic Surveillance System (ESSS) and may be unconfirmed or self-reported by the patient

FIGURE 2: SUICIDE-RELATED RATE BY AGE GROUP, SYNDROMIC SURVEILLANCE, NYS EXCLUDING NYC, 2019-2022

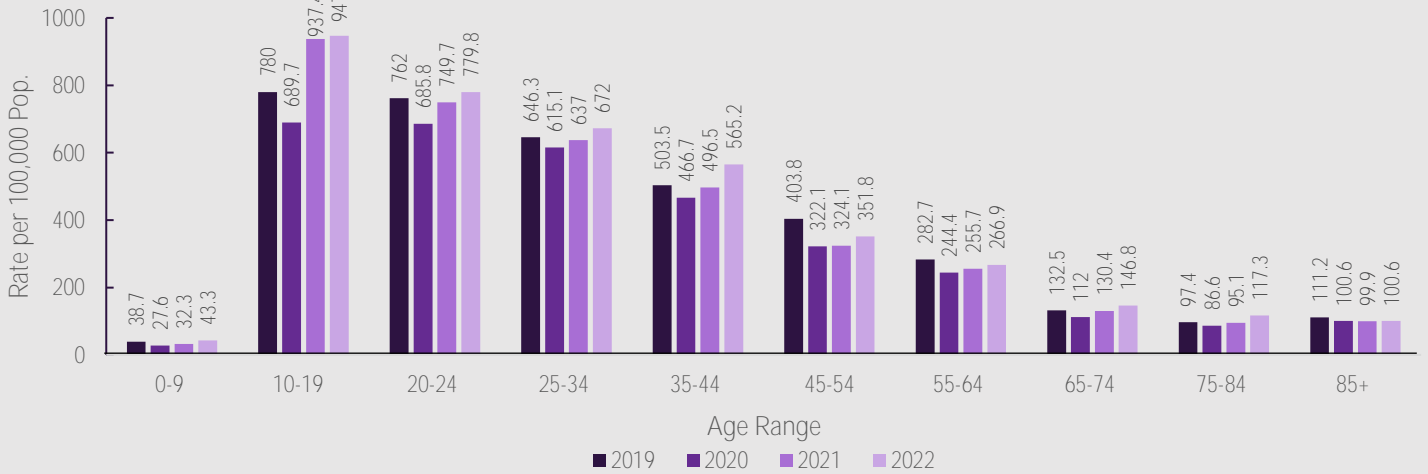


FIGURE 3: SUICIDE-RELATED RATE BY RACE/ETHNICITY, SYNDROMIC SURVEILLANCE, NYS EXCLUDING NYC, 2019-2022

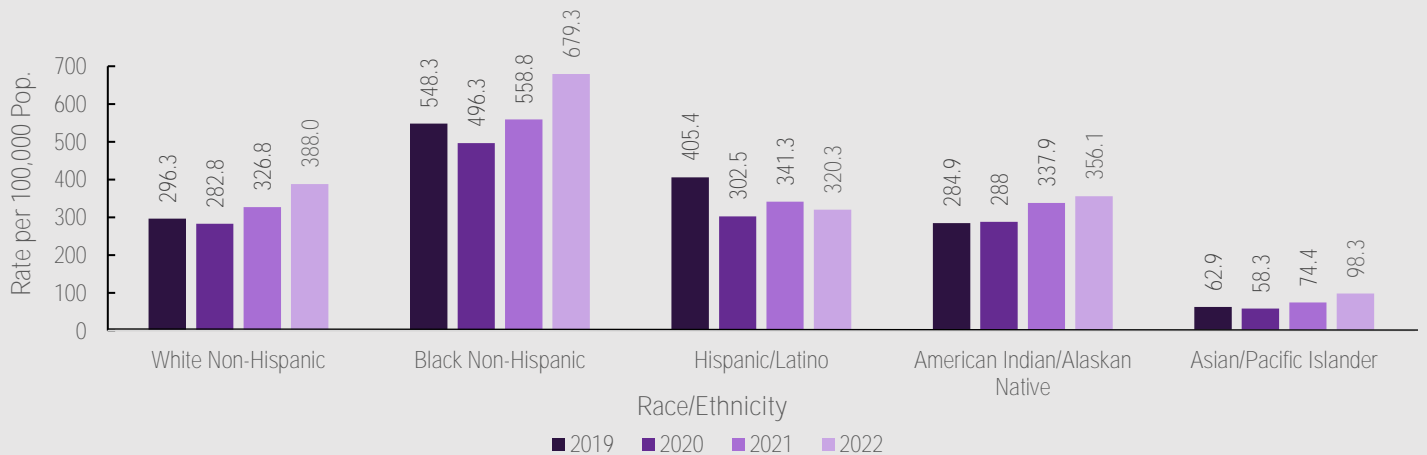
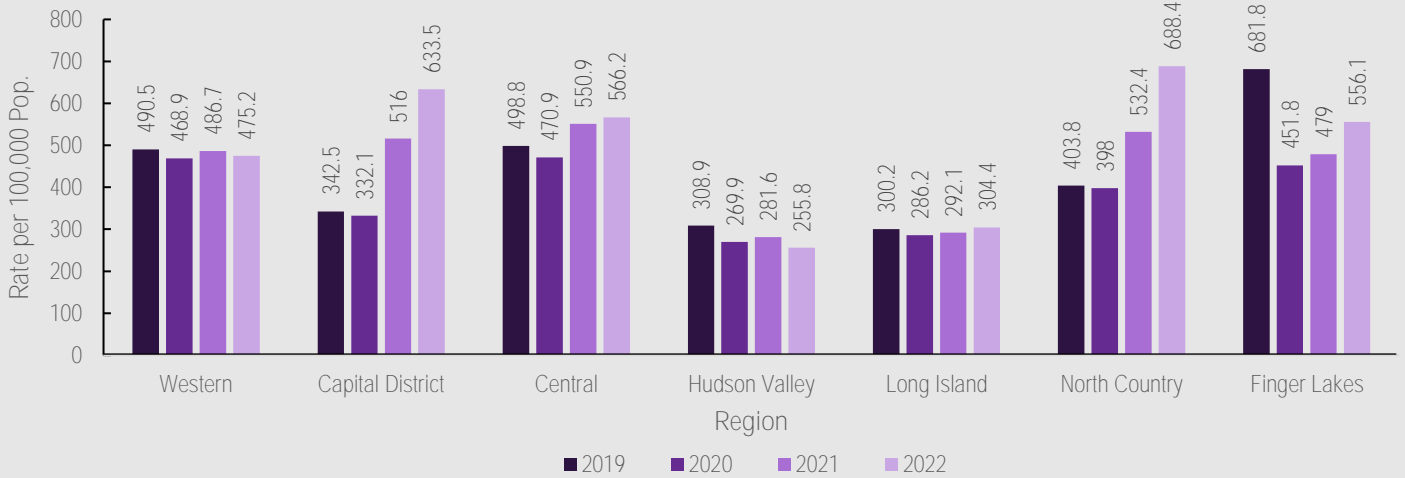
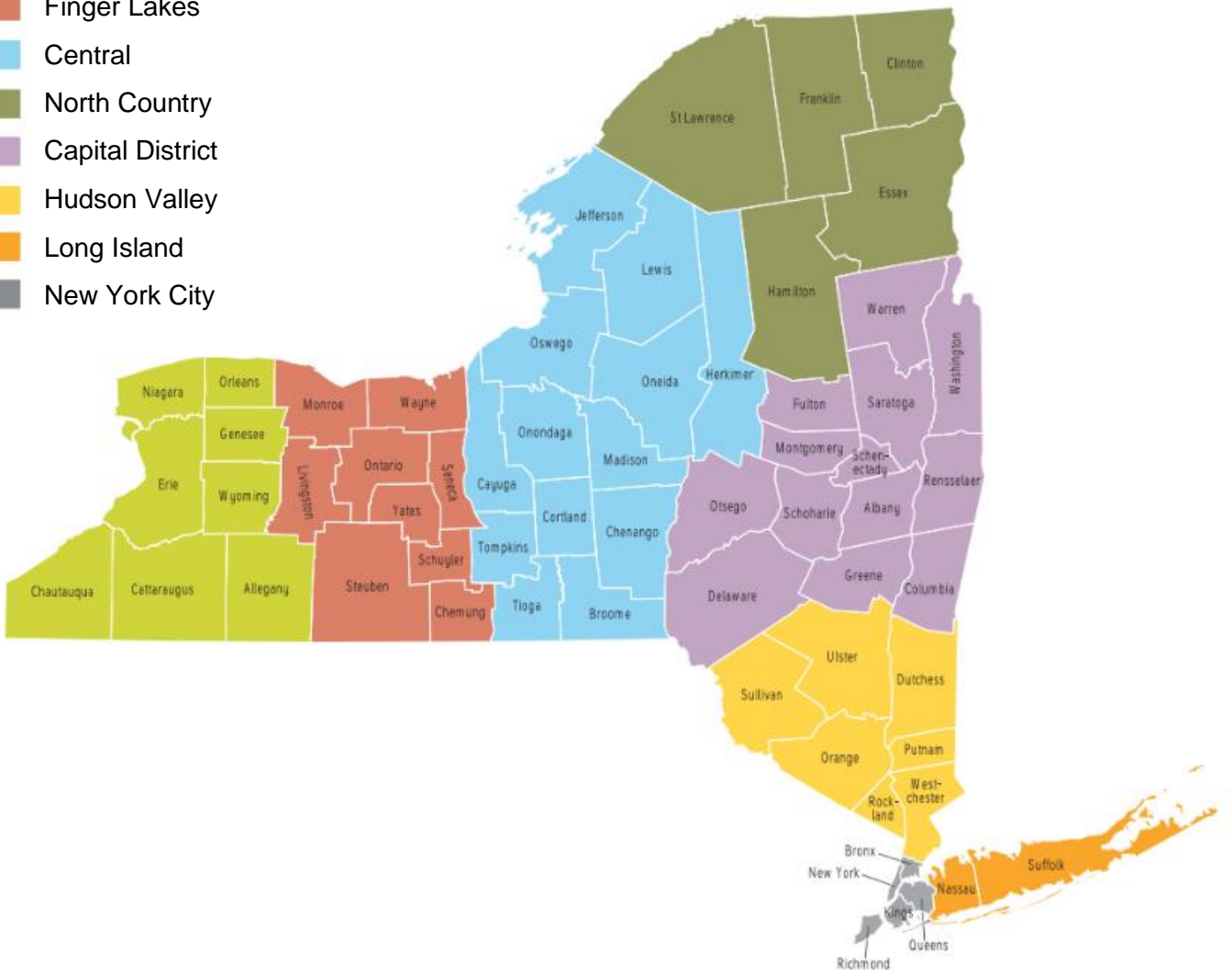


FIGURE 4: SUICIDE-RELATED RATE BY REGION, SYNDROMIC SURVEILLANCE, NYS EXCLUDING NYC, 2019-2022



- Western
- Finger Lakes
- Central
- North Country
- Capital District
- Hudson Valley
- Long Island
- New York City



APPENDIX 1: SYNDROMIC SURVEILLANCE DATA TABLES BY COUNT

TABLE 1: SUICIDE-RELATED COUNT BY *SEX, SYNDROMIC SURVEILLANCE, NYS EXCLUDING NYC, 2019-2022

*Sex	2019	2020	2021	2022
Female	22,611	19,728	23,645	24,720
Male	22,642	20,256	21,436	23,138

TABLE 2: SUICIDE-RELATED COUNT BY AGE GROUP, SYNDROMIC SURVEILLANCE, NYS EXCLUDING NYC, 2019-2022

Age group	2019	2020	2021	2022
0-9	480	339	397	533
10-19	10,853	9,472	12,874	13,006
20-24	5,728	5,092	5,567	5,790
25-34	8,951	8,497	8,800	9,283
35-44	6,513	6,084	6,472	7,367
45-54	5,830	4,510	4,538	4,925
55-64	4,518	3,892	4,072	4,250
65-74	1,515	1,317	1,534	1,727
75-84	578	524	576	710
85+	312	281	279	281

TABLE 3: SUICIDE-RELATED COUNT BY RACE/ETHNICITY, SYNDROMIC SURVEILLANCE, NYS EXCLUDING NYC, 2019-2022

Race	2019	2020	2021	2022
White Non-Hispanic	24,232	22,908	26,469	31,425
Black Non-Hispanic	5,785	5,271	5,934	7,214
Hispanic/Latino	5,370	4,078	4,602	4,319
American Indian/Alaskan Native	125	127	149	157
Asian/Pacific Islander	327	309	394	521
Multiracial/other	2,755	2,461	2,926	2,997
Not stated	6,684	4,854	4,635	1,239

TABLE 4: SUICIDE-RELATED COUNT BY REGION, SYNDROMIC SURVEILLANCE, NYS EXCLUDING NYC, 2019-2022

Region	2019	2020	2021	2022
Western	7,430	7,078	7,347	7,174
Capital District	4,515	4,364	6,781	8,326
Central	7,915	7,426	8,688	8,929
Hudson Valley	7,184	6,268	6,540	5,941
Long Island	8,509	8,088	8,253	8,600
North Country	1,128	1,107	1,481	1,915
Finger Lakes	8,597	5,677	6,019	6,987