



**Department
of Health**

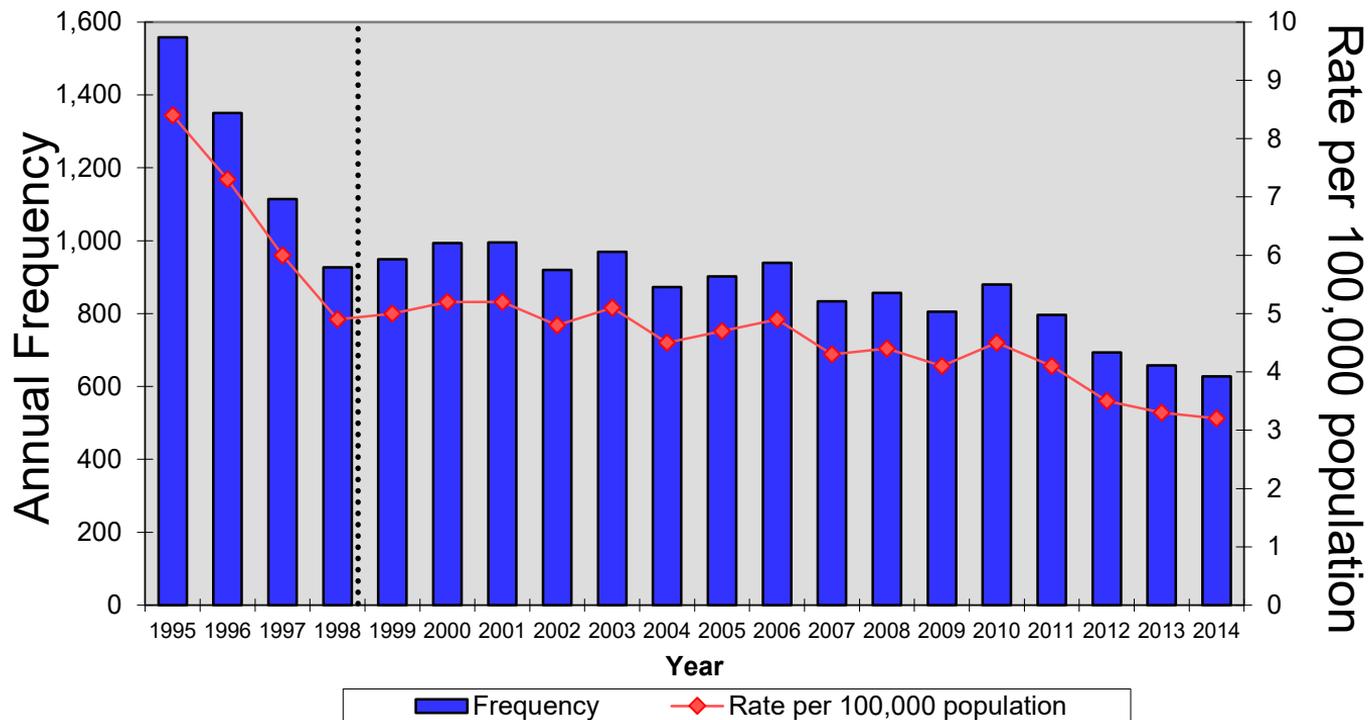
Violence Prevention Data

**PHHPC Public Health Committee
October 18, 2019**

**Michael Bauer, MS
Director, Bureau of Occupational Health and Injury Prevention
Center for Environmental Health**

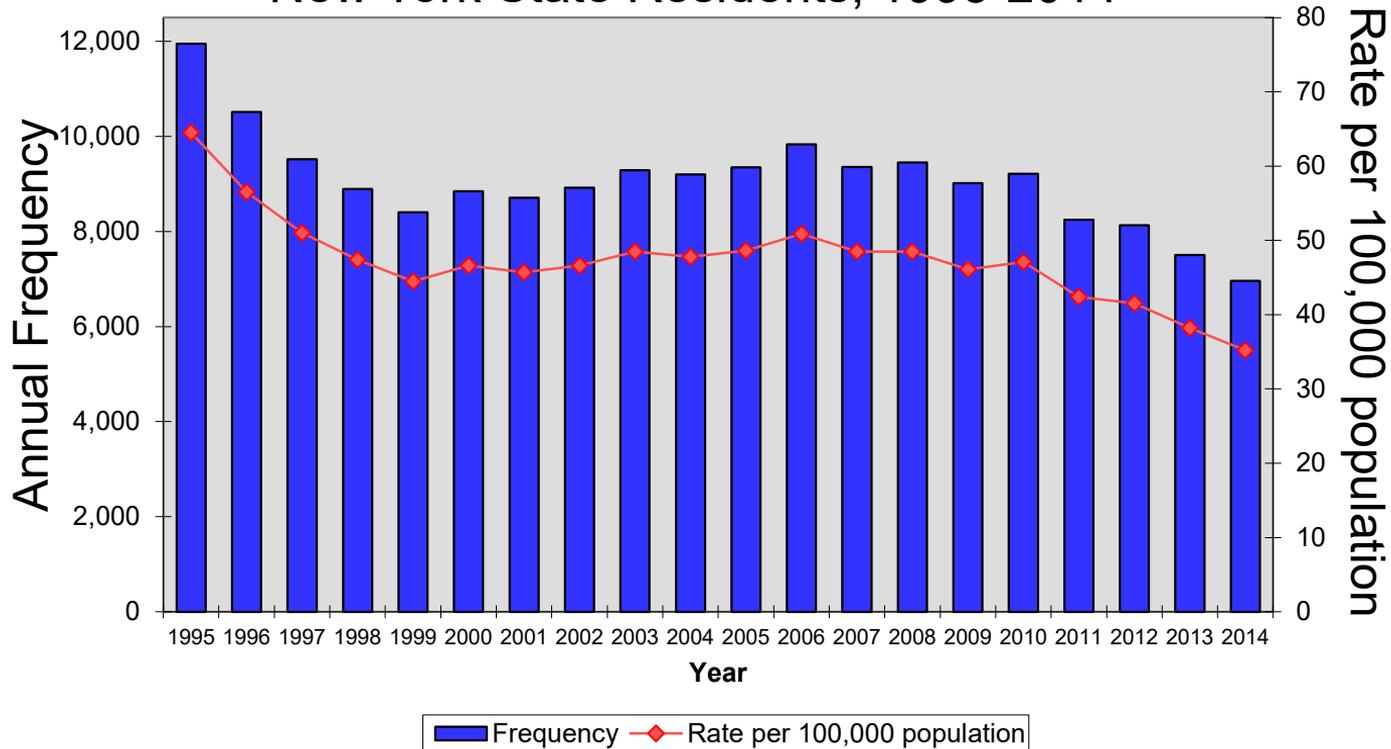
Incidence of Homicide

New York State Residents, 1995-2014



*In 1999 the United States began using the World Health Organization's revised International Classification of Diseases coding book (ICD 10) for mortality data. Differences seen between data coded using the 9th revision (ICD 9) and ICD 10 may be due to coding changes and not actual differences in injury causes.

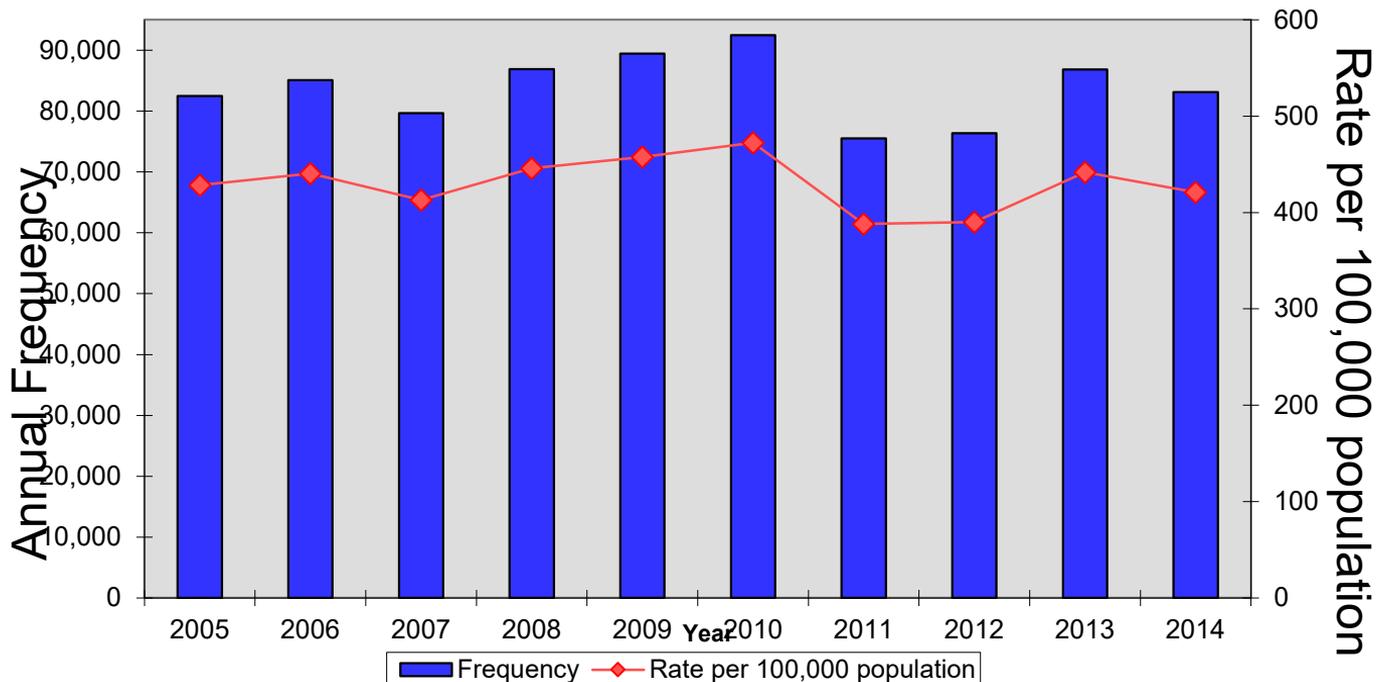
Incidence of Assault Injury Hospitalizations New York State Residents, 1995-2014



Incidence of Assault Injury

Emergency Department† (ED) Visits

New York State Residents, 2005-2014



†The incidence of ED visits does not include patients who were subsequently admitted into the hospital.

Firearm Injuries and Deaths

United States

- Over 38,658 deaths annually (12.0 per 100,000 total population)¹
 - 22,938 suicides (7.1 per 100,000 total population)
 - 14,415 homicides (4.5 per 100,000 total population)
- An annual societal cost firearm injuries and deaths is over \$45 billion¹

1. Centers for Disease Control and Prevention (CDC). Web-based Injury Statistics Query and Reporting System (WISQARS) [Online]. (2016) National Center for Injury Prevention and Control, CDC (producer). Available from: <https://wisqars.cdc.gov:8443/costT/>



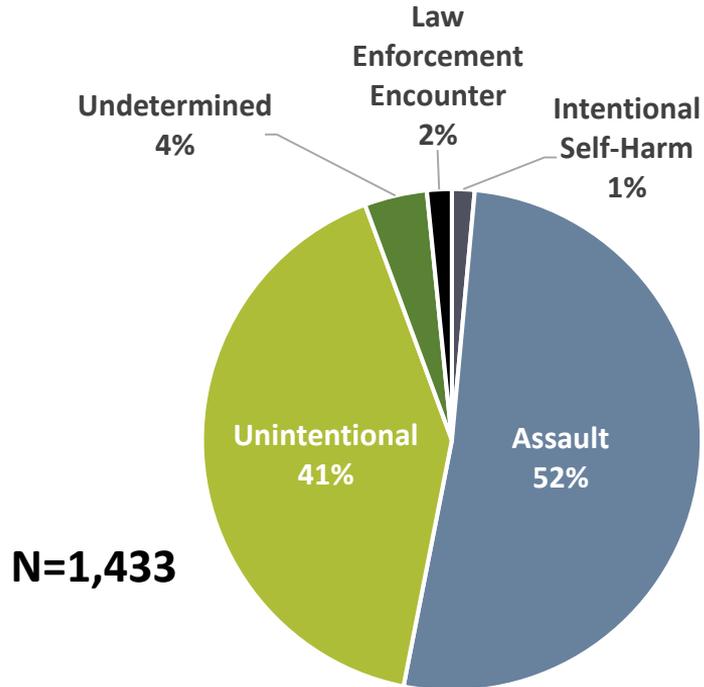
Firearm Injuries and Deaths

New York State

- 1,433 emergency department (ED) visits in 2016
- 1,181 hospitalizations in 2016
- 852 deaths in 2016
- \$88.7 million in hospital (ED visits and hospitalizations) charges in 2016
- Third **lowest** death rate nationally (4.4 per 100,000 total population)²

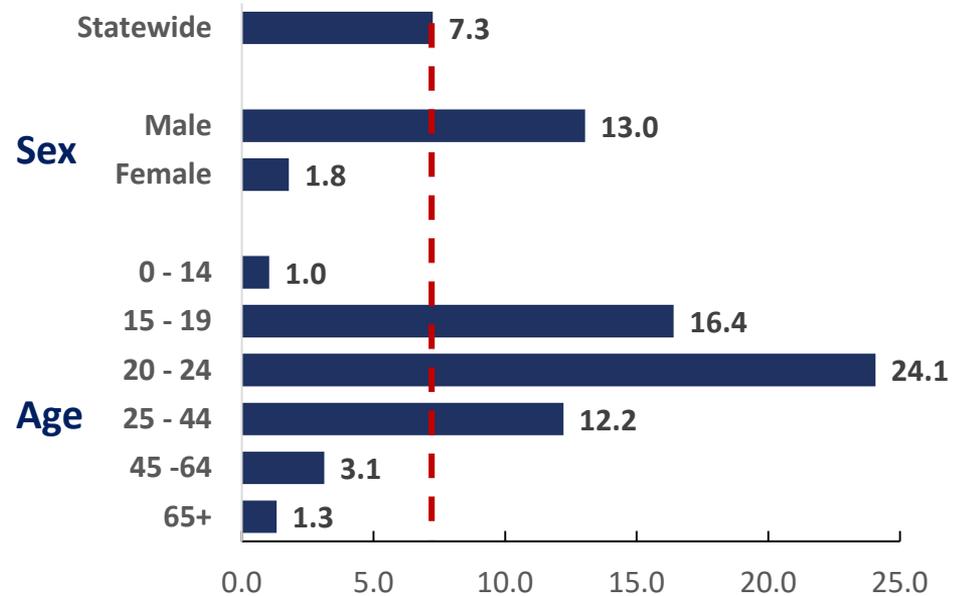
2. Centers for Disease Control and Prevention (CDC). Firearm Mortality by State [Online]. (2016) National Center for Health Statistics. Available from: https://www.cdc.gov/nchs/pressroom/sosmap/firearm_mortality/firearm.htm

Emergency Department Visits Firearm Injuries, New York State 2016

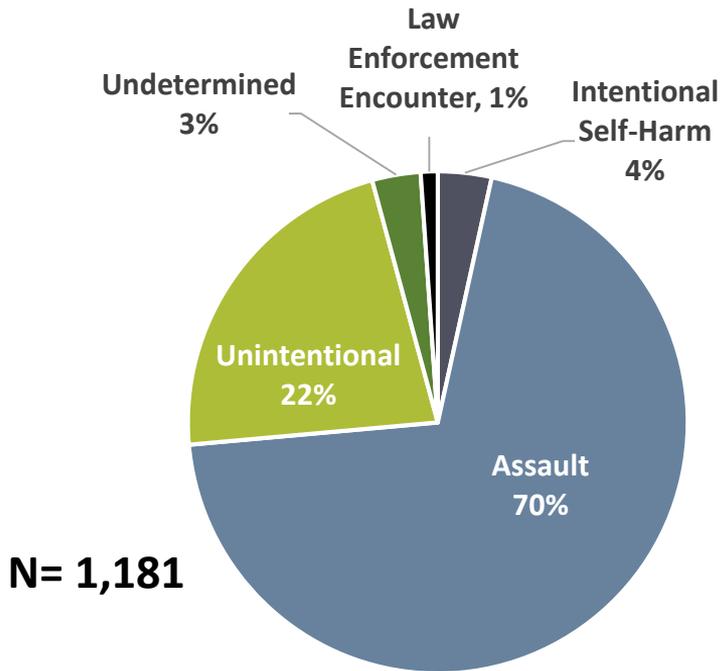


†Emergency department visits do not include those admitted to the hospital

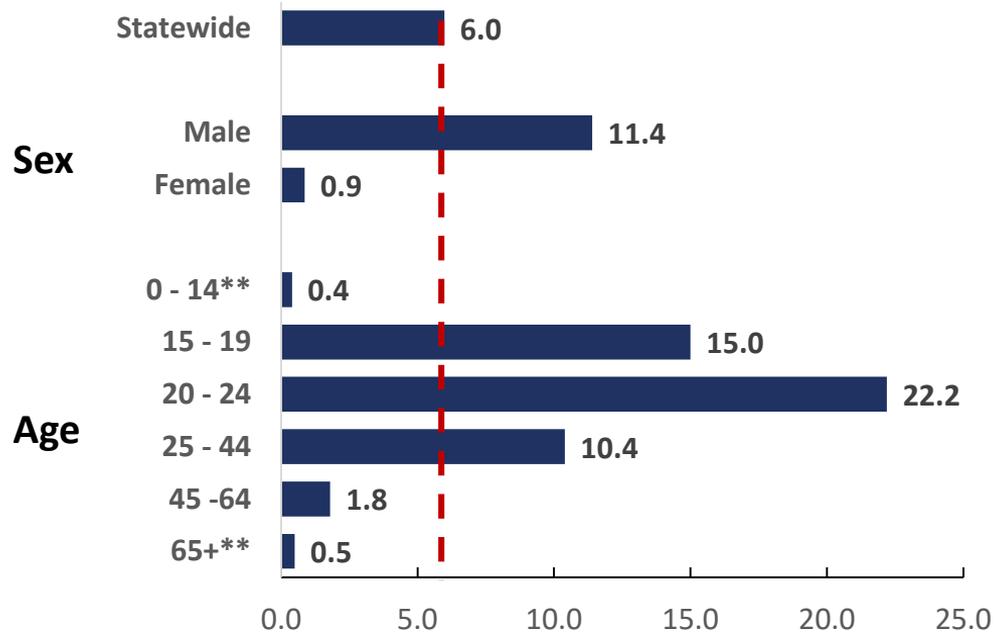
Rate per 100,000 New York Residents



Hospitalizations Firearm Injuries, New York State 2016



Rate per 100,000 New York Residents

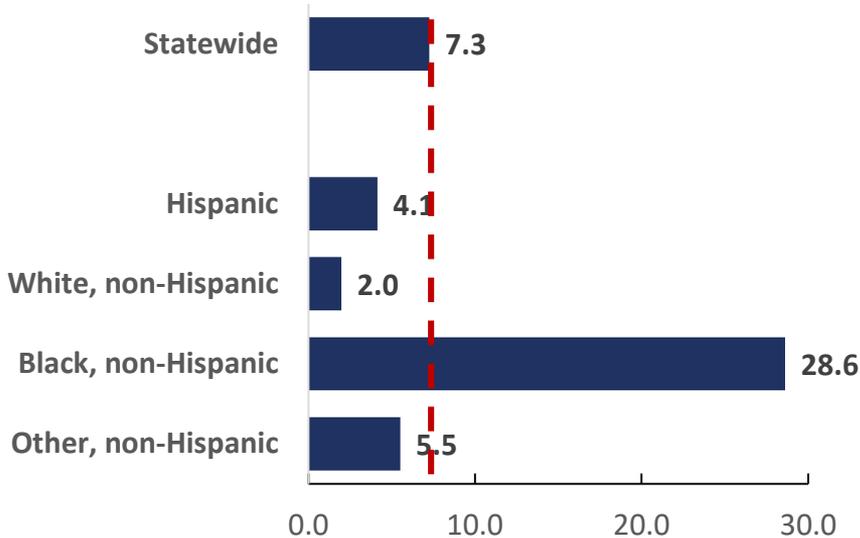


**Rates are based on counts of less than 20, and therefore may be unreliable estimates.

Firearm Injuries by Race and Ethnicity, New York State 2016

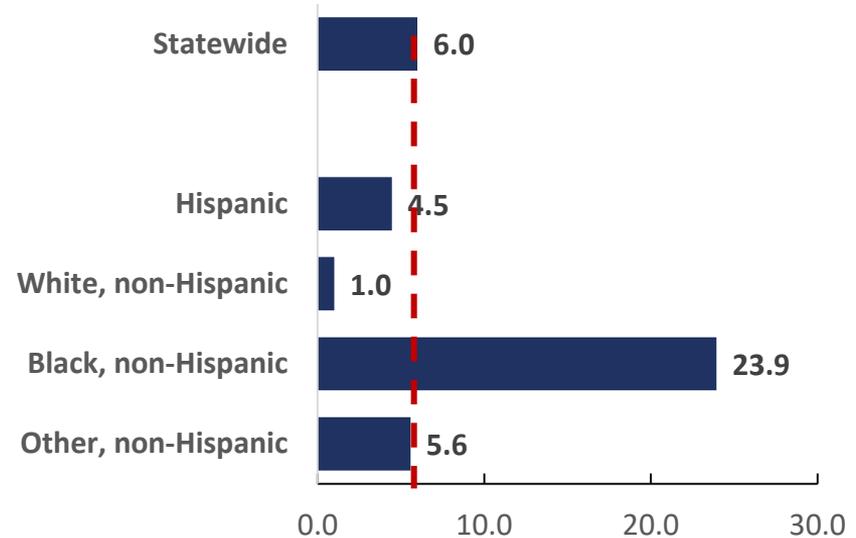
Emergency Department Visit[†]

Rates per 100,000 New York Residents



Hospitalizations

Rates per 100,000 New York Residents

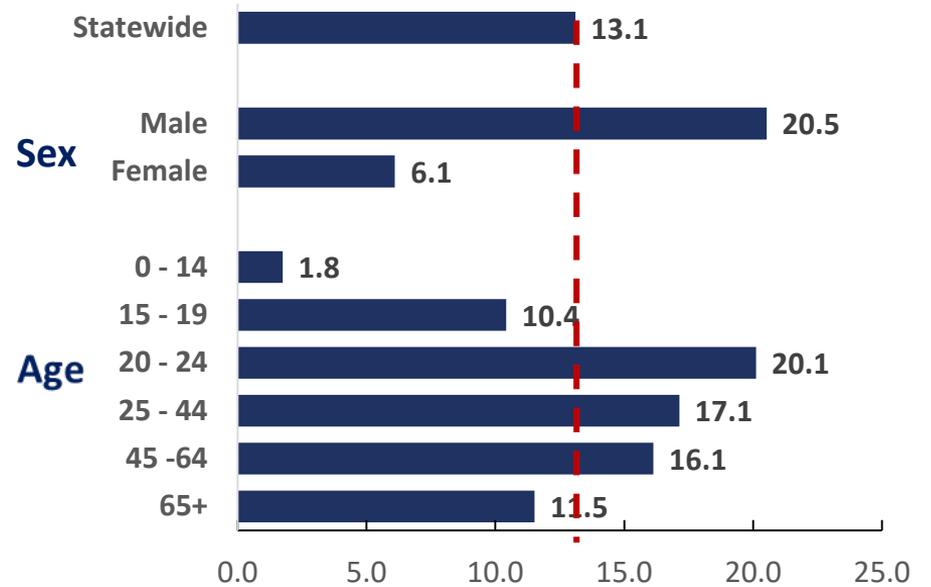
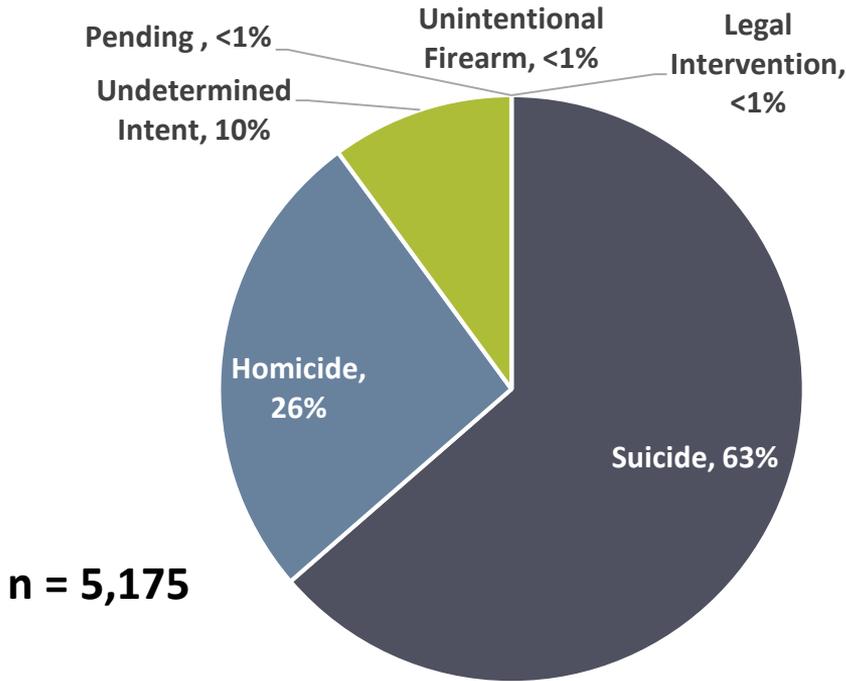


[†]Emergency department visits do not include those admitted to the hospital

Violent Deaths in New York State

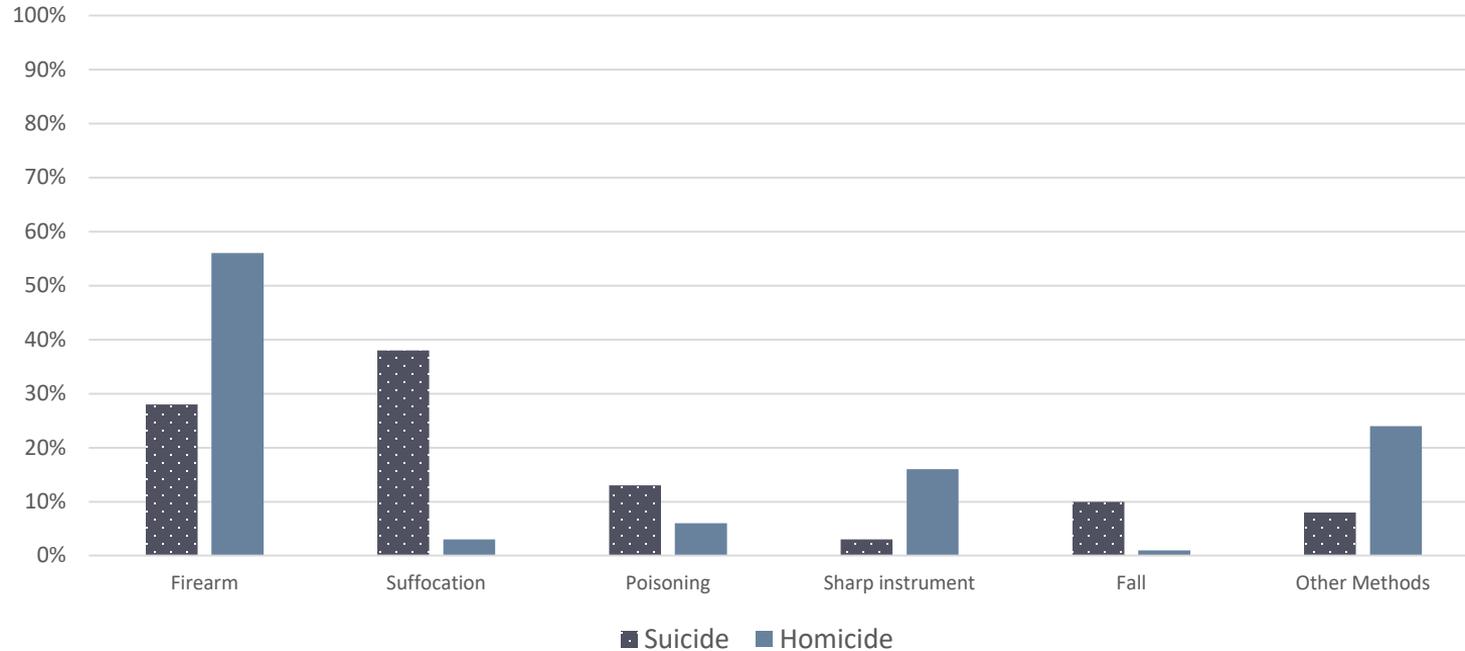
New York Violent Death Reporting System (NYVDRS), 2015-2016

Rate per 100,000 New York Residents



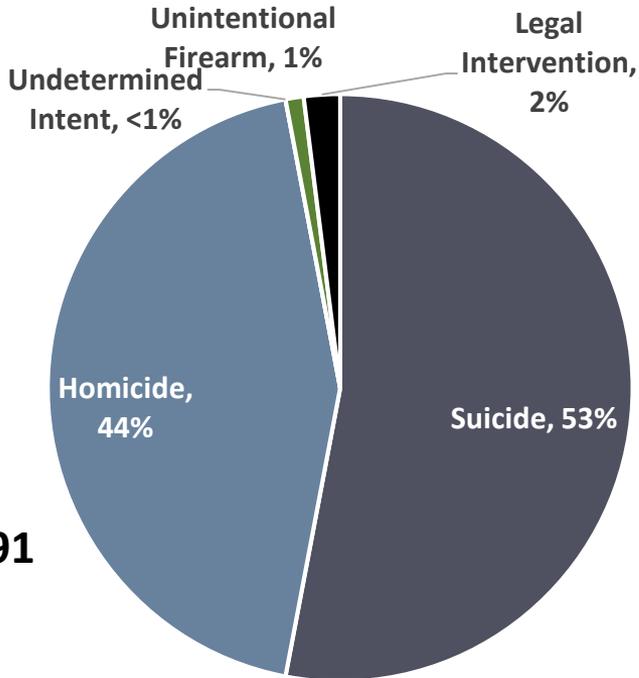
Violent Death Mechanisms by Death Manner

NYVDRS, 2015-2016



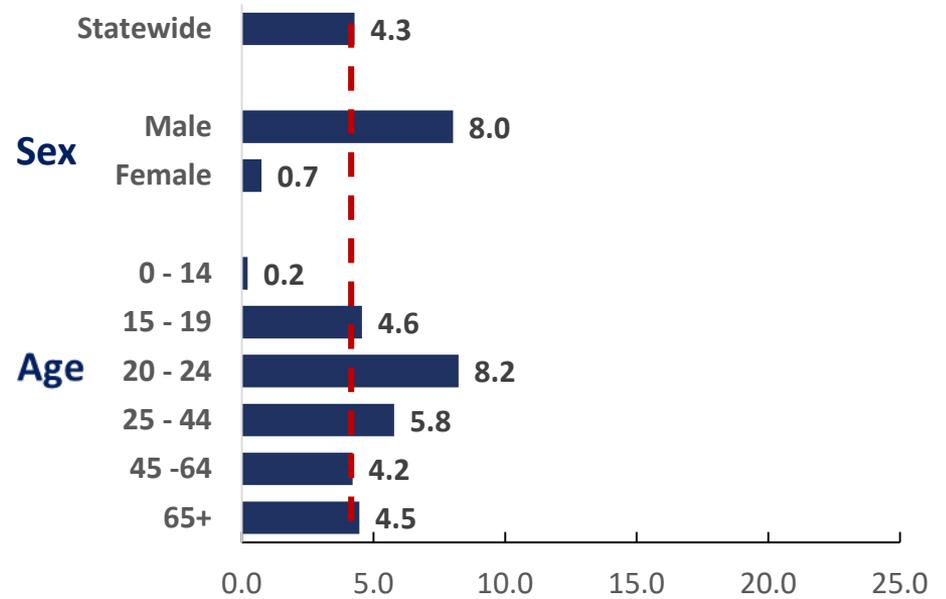
Firearm-Related Violent Deaths in New York State

NYVDRS, 2015-2016



n = 1,691

Rate per 100,000 New York Residents

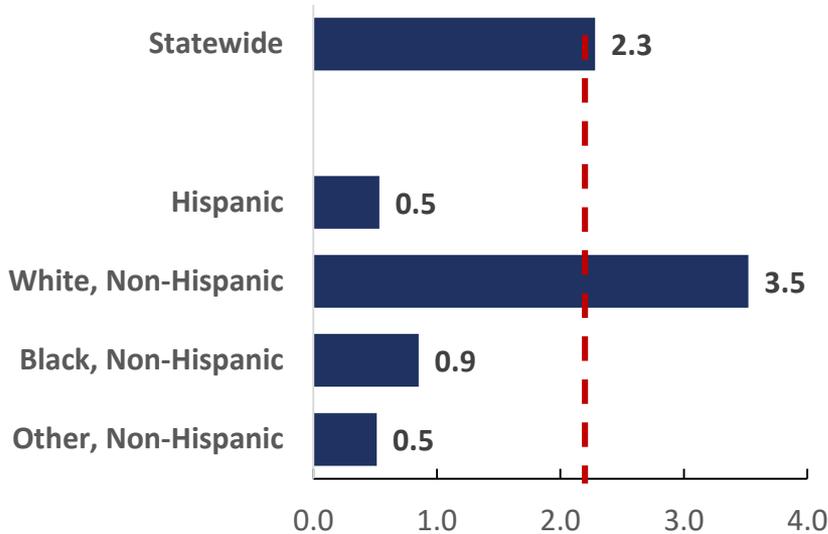


Firearm-Related Violent Deaths: Demographic Information

NYVDRS, 2015-2016

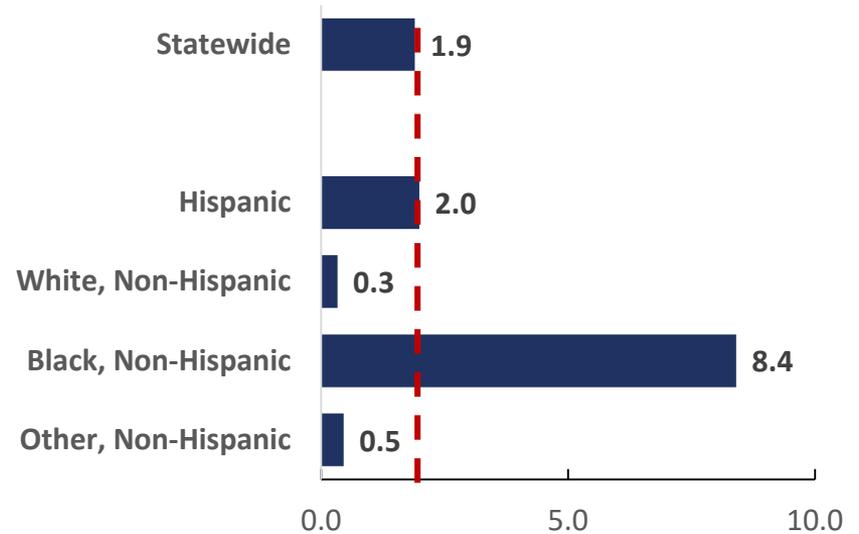
Suicides

Rates per 100,000 New York Residents



Homicides

Rates per 100,000 New York Residents



Goals and Objectives

Goal 1.2:

Reduce Violence by targeting prevention programs particularly to highest risk populations

Objectives:

- Objective 1.2.a. Reduce rate of homicide deaths from 0.35 to 0.32 per 10,000.
- Objective 1.2.b. [Reduce the rate of assault-related hospitalizations](#) from 3.3 to 3.0 per 10,000. (*Dashboard Measure*)
 - Reduce disparity (Ratio=1 means no disparity) by 10%
- Objective 1.2.c. Reduce the rate of ED visits due to assault from 42.3 to 38.1 per 10,000.
- Objective 1.2.d. [Reduce the rate of hospitalization due to assault by firearm](#) from 0.42 to 0.38 per 10,000. (*Dashboard Measure*)

Goals and Objectives (continued)

Objective 1.2.b.:

Reduce the rate of assault-related hospitalizations from 3.3 to 3.0 per 10,000.

- Reduce disparity (Ratio=1 means no disparity) by 10%:
- Ratio of Black non-Hispanic rate of assault-related hospitalizations to White non-Hispanic rate of assault-related hospitalizations
- Ratio of Hispanic rate of assault-related hospitalizations to White non-Hispanic rate of assault-related hospitalizations
- Ratio of assault-related hospitalization rate in low income ZIP codes to assault-related hospitalization rate in non-low income ZIP codes

Dashboard Measure



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Prevention Agenda Dashboard

- A visual presentation of the most current indicator data to track progress of the nearly 100 tracking indicators at state and county levels.
- Will be updated November 2019 to reflect the 2019-2024 version release.
- State level historical (trend) data can be easily accessed as well as county data (maps, tables and bar and trend charts) for many indicators.
- Data for many state level indicators are also available by socio-economic status.
- Each county in the state has its own dashboard that includes the most current data available for 68 tracking indicators and with several indicators that have data at the sub-county level.

<https://health.ny.gov/preventionagendadashboard>

Demonstration

Suicide and Self-Harm Dashboard

The New York Suicide and Self-Harm Dashboard has statewide and county level data available for deaths, hospitalizations, and emergency department visits.

<https://nyshc.health.ny.gov/web/nyapd/suicides-in-new-york>

Demonstration

Questions

Contact Information

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