



Epi Data Brief

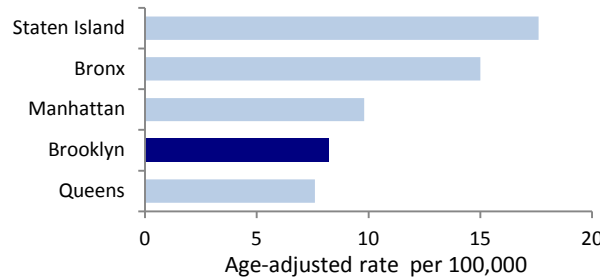
New York City Department of Health and Mental Hygiene

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Unintentional Drug Poisoning (Overdose) Deaths in New York City: Brooklyn, New York

- In 2013, among residents of the five boroughs of New York City (NYC), those in the borough of Brooklyn had the second-lowest rate of unintentional drug poisoning (overdose) deaths (8.2 per 100,000 residents).¹
- The rate of unintentional overdose deaths in Brooklyn decreased by 35% from 11.2 per 100,000 in 2006 to 7.3 per 100,000 residents in 2010. Since 2010, rates increased to 8.2 per 100,000 residents in 2013.

Unintentional overdose deaths by borough of residence, New York City, 2013



Source: NYC Office of the Chief Medical Examiner and NYC DOHMH Bureau of Vital Statistics, 2000-2013

Data Source

¹NYC Office of the Chief Medical Examiner and NYC DOHMH Bureau of Vital Statistics:

Mortality data were collected through an in-depth review of data and charts from DOHMH's Bureau of Vital Statistics and the Office of the Chief Medical Examiner for 2000-2013.

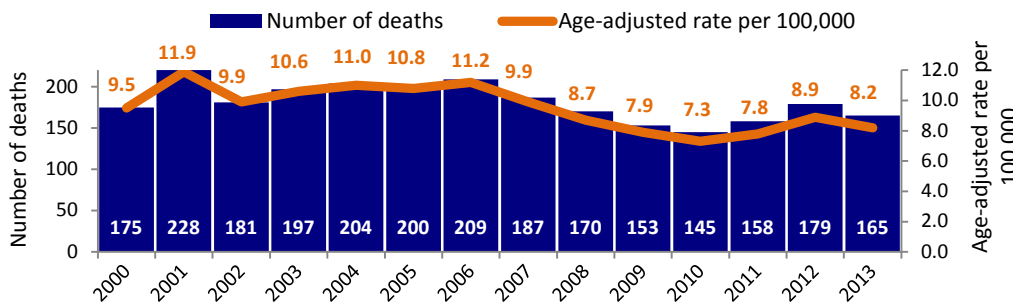
Definitions:

Rate calculation: NYC DOHMH population estimates, modified from US Census Bureau intercensal population estimates 2000-2013, updated October 8, 2014. These rates will differ from previously reported rates based on Census counts or previous versions of population estimates. Rates are age-adjusted to Census 2000 US standard population, except those for specific age groups.

Unintentional drug poisoning deaths referred to as overdose deaths:

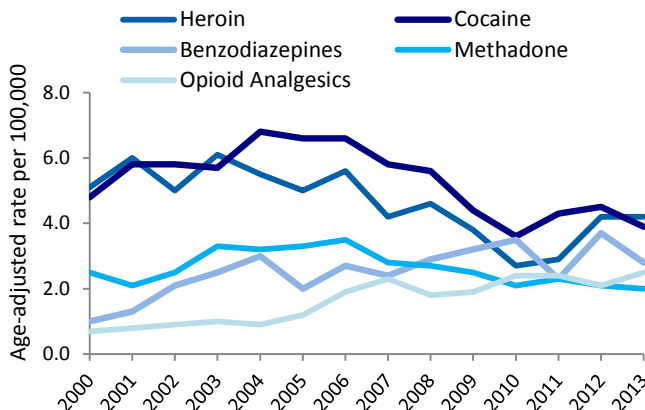
Derived from death certificates and includes deaths from both illicit drugs and licit drugs. Excludes drug poisonings where the manner of death was intentional (suicide), undetermined, or homicide. Toxicology findings were abstracted from OCME files. Drugs are not mutually exclusive.

Unintentional overdose deaths among Brooklyn residents, 2000-2013



Source: NYC Office of the Chief Medical Examiner and NYC DOHMH Bureau of Vital Statistics, 2000-2013

Unintentional overdose deaths among Brooklyn residents, by drug involved, 2000-2013



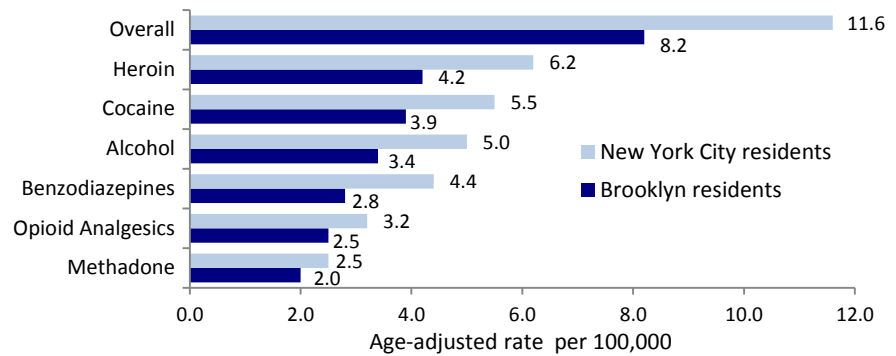
Source: NYC Office of the Chief Medical Examiner and NYC DOHMH Bureau of Vital Statistics, 2000-2013

- Since 2004, the rate of cocaine-involved overdose deaths among Brooklyn residents decreased by 43% from 6.8 per 100,000 to 3.9 per 100,000 residents in 2013.
- Heroin-involved overdose rates increased by 56% from 2.7 per 100,000 in 2010 to 4.2 per 100,000 in 2013.
- The rate of opioid analgesic-involved overdose deaths increased by 257% from 0.7 per 100,000 in 2000 to 2.5 per 100,000 residents in 2013.

Unintentional drug overdose deaths among Brooklyn residents, 2013

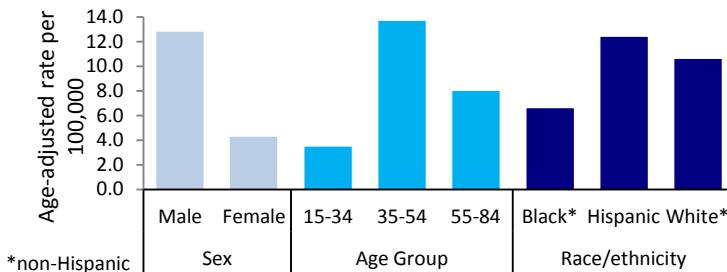
- In 2013, Brooklyn residents had a lower rate of unintentional overdose death compared with NYC overall.
- Heroin was involved in over half (51%) of overdose deaths among Brooklyn residents. Two out of five overdose deaths involved cocaine (45%) or alcohol (41%).
- About one-third of overdose deaths involved a benzodiazepine (35%), or an opioid analgesic (31%).

Unintentional overdose deaths by drug type and residence, 2013



Source: NYC Office of the Chief Medical Examiner and NYC DOHMH Bureau of Vital Statistics, 2013

Unintentional overdose deaths among Brooklyn residents, by demographic characteristics, 2013

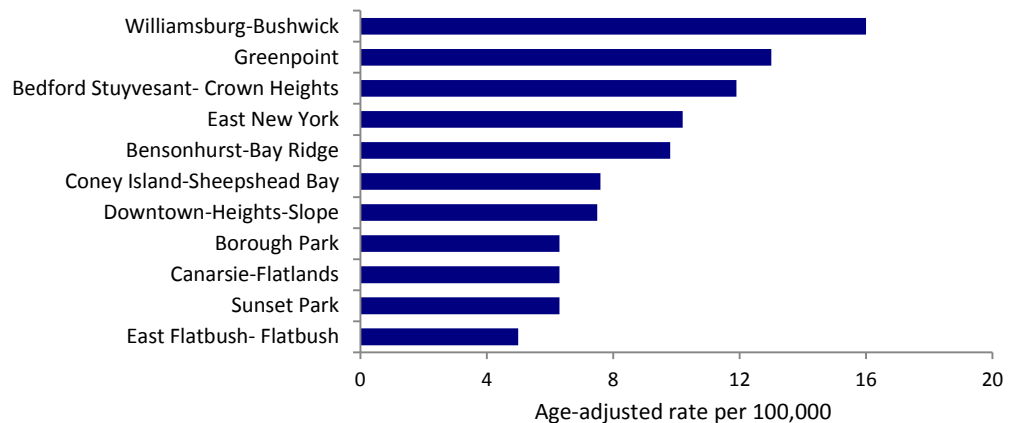


*non-Hispanic
Source: NYC Office of the Chief Medical Examiner and NYC DOHMH Bureau of Vital Statistics, 2013

- Male Brooklyn residents had almost three times the rate of unintentional overdose death as female Brooklyn residents (12.8 in males compared with 4.3 per 100,000 in females).
- Brooklyn residents aged 35-54 years had the highest rate of unintentional drug overdose death (13.7 per 100,000), and account for over half of the overdose deaths (56%).
- While the majority of overdose deaths occurred among White Brooklyn residents (44%), Hispanic Brooklyn residents had the highest rate of unintentional drug overdose death (12.4 per 100,000) in 2013.

- In 2012-2013, residents of Williamsburg-Bushwick had the highest rate of drug overdose in Brooklyn (16.0 per 100,000). Residents of four Brooklyn neighborhoods had a higher rate of drug overdose than NYC residents overall (9.9 per 100,000 residents in 2012-2013).

Unintentional overdose deaths among Brooklyn residents by UHF-42* neighborhood, 2012-2013



*The United Hospital Fund (UHF) classifies New York City into 42 neighborhoods comprised of contiguous ZIP codes.
Source: NYC Office of the Chief Medical Examiner and NYC DOHMH Bureau of Vital Statistics, 2012-2013

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- For complete tables of data prepared for this Brief, visit nyc.gov/html/doh/downloads/pdf/epi/datatable62.pdf
- Visit EpiQuery – the Health Department’s online, interactive health data system at nyc.gov/health/EpiQuery

Data & Statistics at nyc.gov/health/data