

Westchester County Department of Health

2025.01

Community Health Data Report

2025.01

Opioid Burden in Westchester County, 2016 – 2023

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In response to the growing public health crisis caused by opioid use, key indicators of the overall opioid burden must be reported both accurately and routinely. Such efforts can allow for comprehensive plans to be developed in order to address this ongoing epidemic, whether through prevention, education, treatment, or recovery.

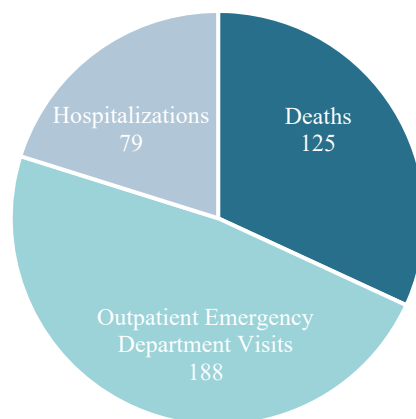
Opioid overdose information for Westchester County is available through the New York State Department of Health (NYSDOH), which provides data on deaths, emergency department (ED) visits, and hospitalizations involving opioid overdose, as well as admissions to substance use disorder treatment programs. Data on deaths with detailed demographics are also available through the Centers for Disease Control and Prevention (CDC)'s National Center for Health Statistics. In this report, data from both sources are used to provide a closer look at the overall opioid burden in Westchester County.

Prepared by WCDH
Planning & Evaluation

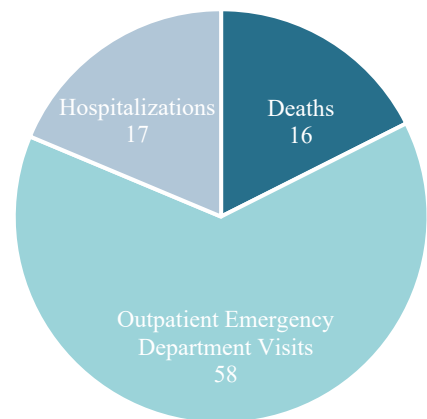
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Evaluation

Overall Opioid Burden, Westchester County, 2023



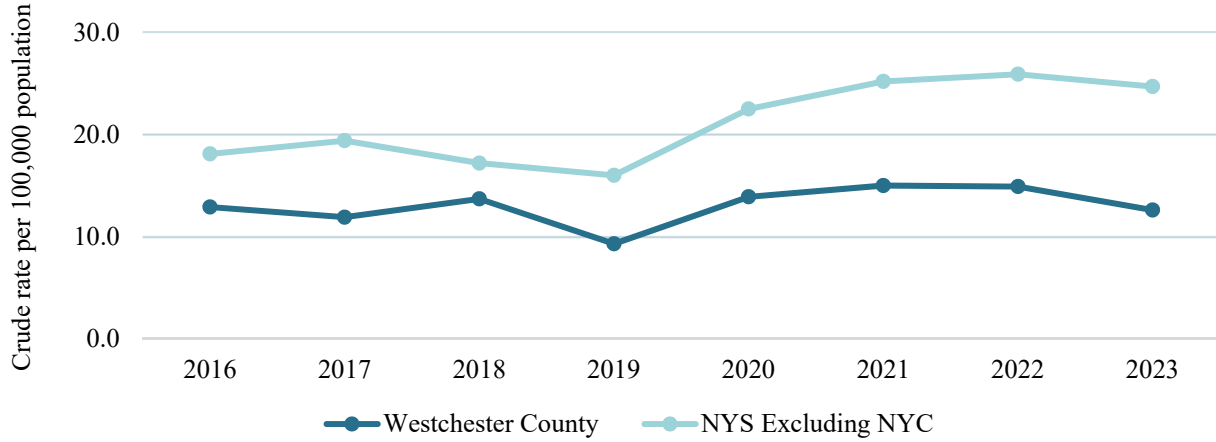
Heroin Burden, Westchester County, 2023



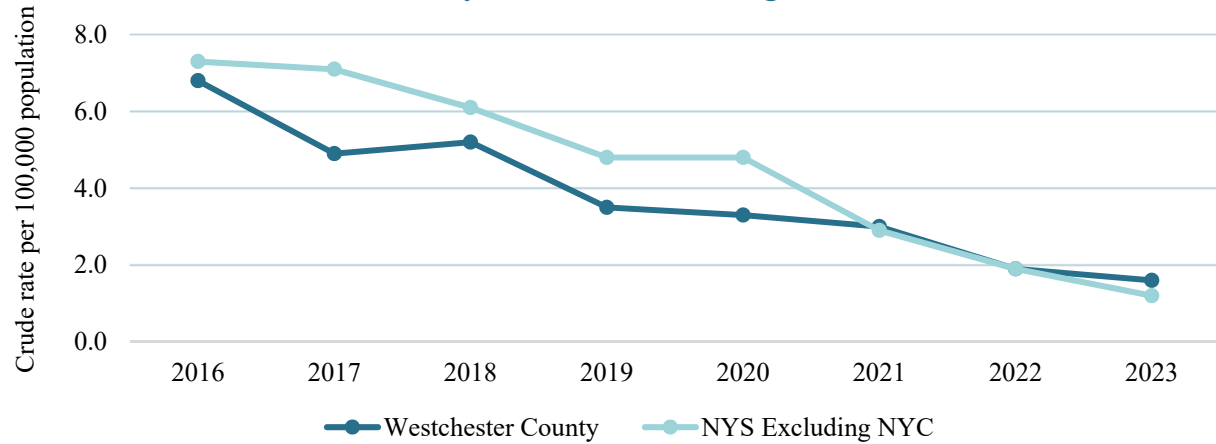
Preliminary data as of July 2024 – subject to change
Source: New York State Department of Health. See Appendix A.

Deaths

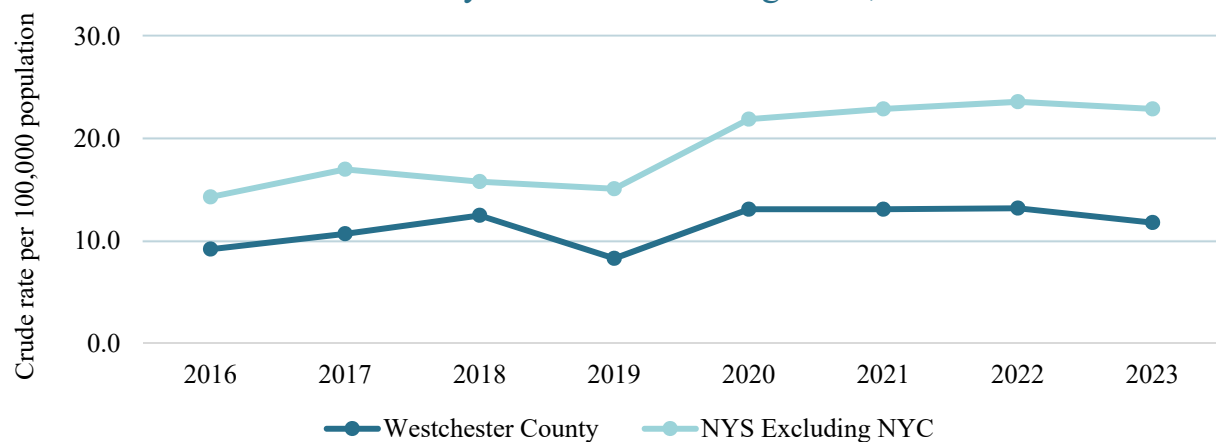
Rate of deaths from all opioid overdoses,
Westchester County vs. NYS Excluding NYC, 2016 - 2023



Rate of deaths from heroin overdoses,
Westchester County vs. NYS Excluding NYC, 2016 - 2023



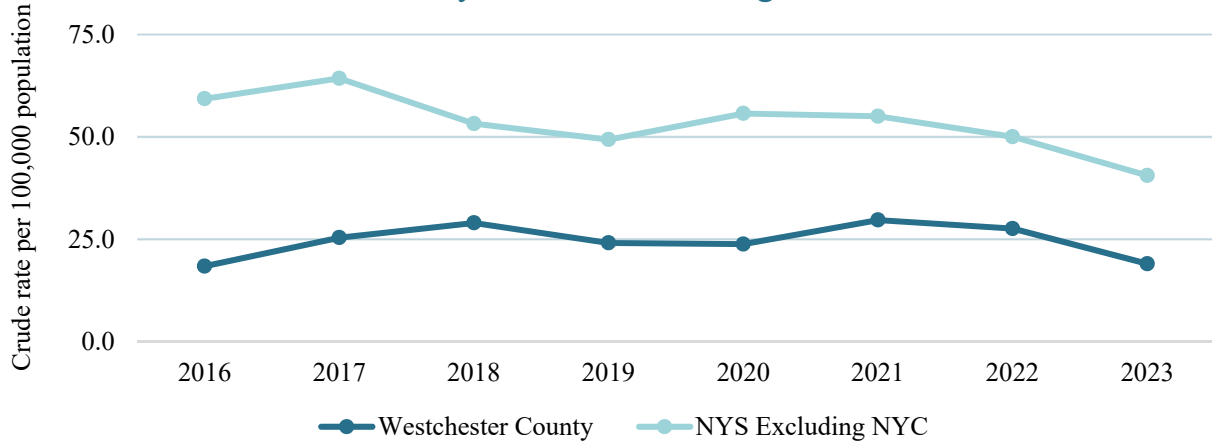
Rate of deaths from overdoses involving opioid pain relievers,
Westchester County vs. NYS Excluding NYC, 2016 - 2023



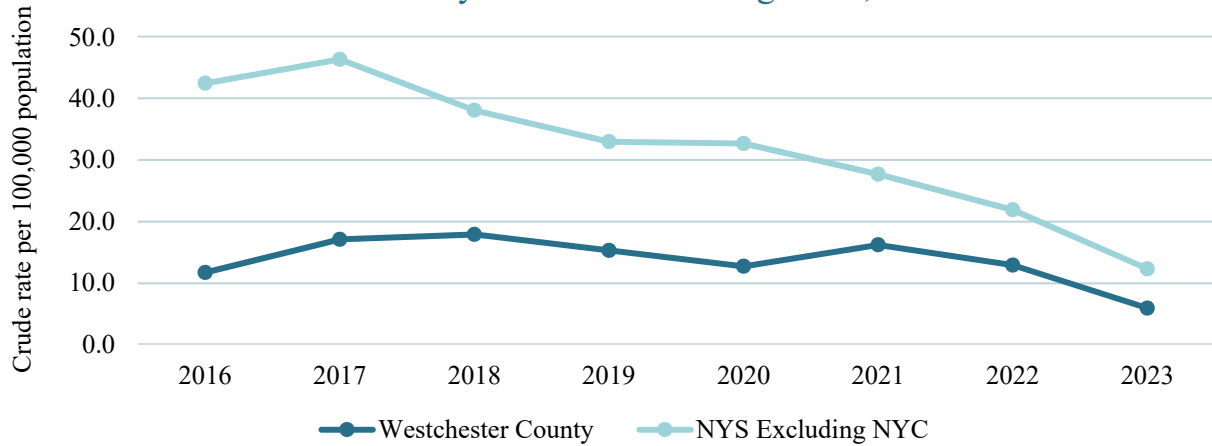
¹ This indicator includes illicitly produced opioids such as fentanyl.
Source: New York State Department of Health. See Appendix A.

Emergency Department Visits

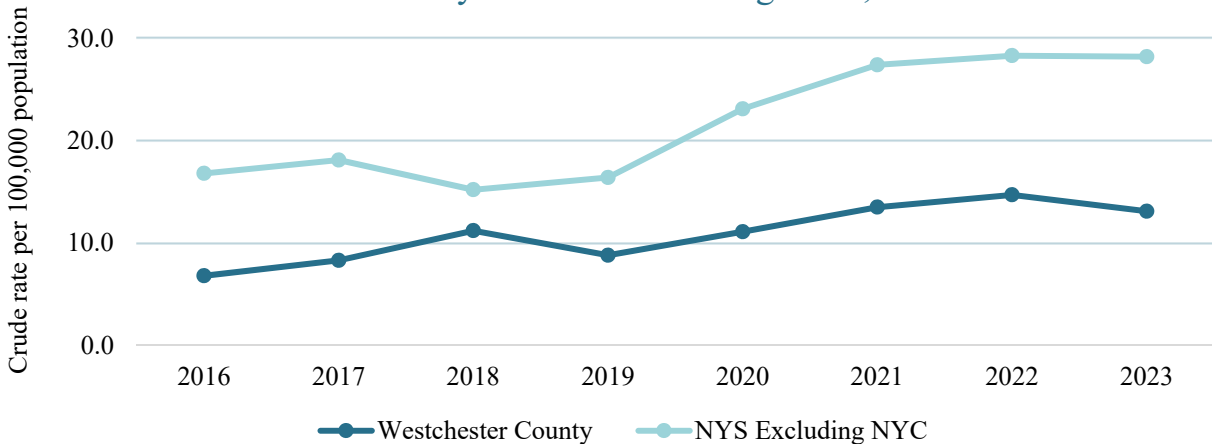
Rate of ED visits from all opioid overdoses,
Westchester County vs. NYS Excluding NYC, 2016 - 2023



Rate of ED visits from heroin overdoses,
Westchester County vs. NYS Excluding NYC, 2016 - 2023



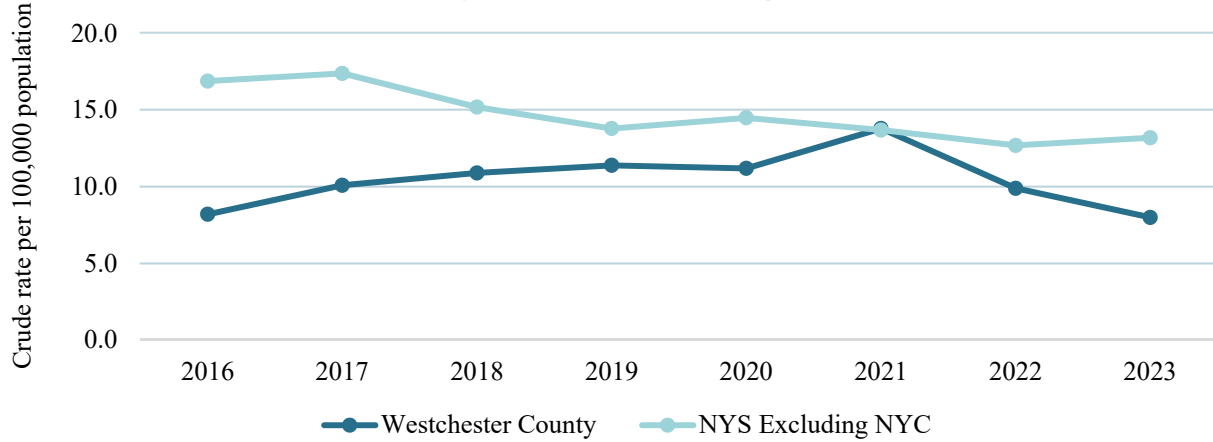
Rate of ED visits from opioid overdoses excluding heroin,
Westchester County vs. NYS Excluding NYC, 2016 - 2023



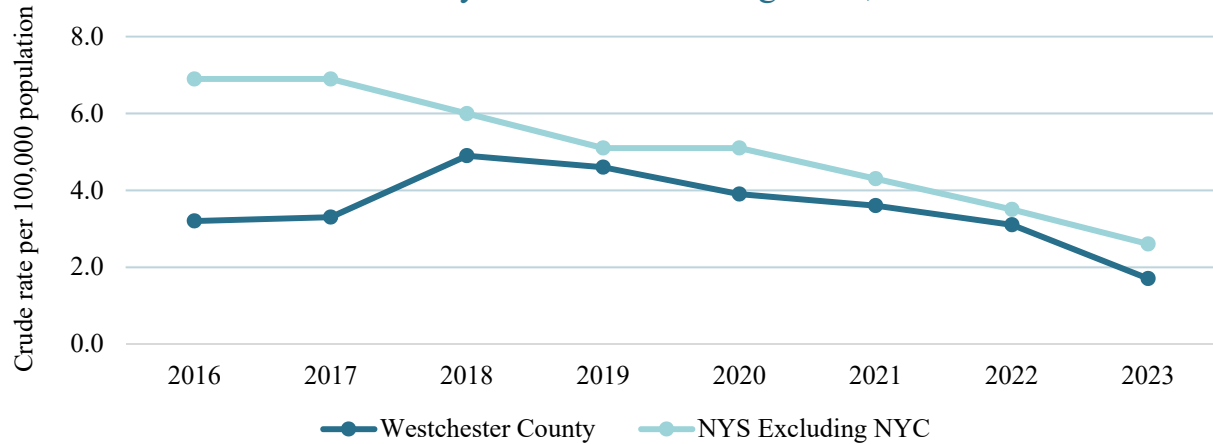
¹ This indicator includes illicitly produced opioids such as fentanyl.
Source: New York State Department of Health. See Appendix A.

Hospitalizations

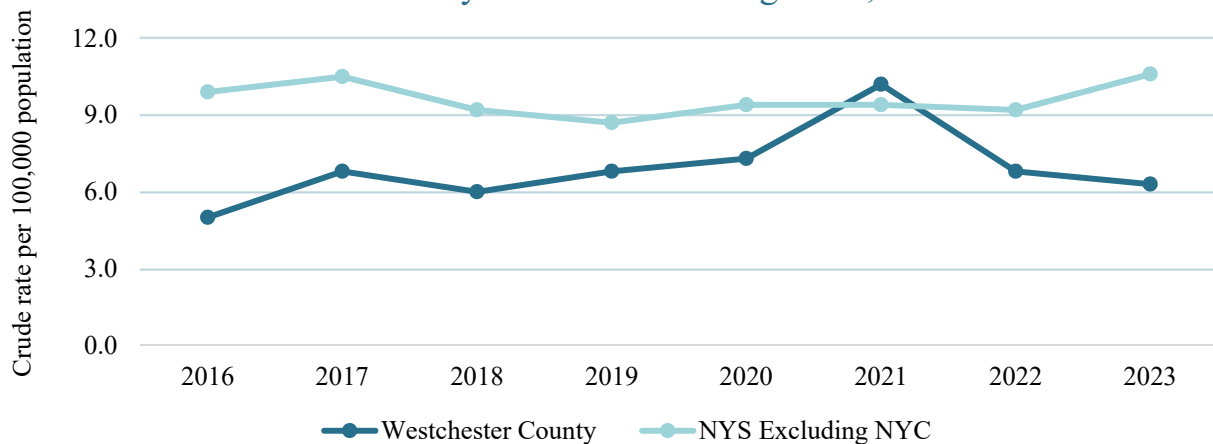
Rate of hospitalizations from all opioid overdoses,
Westchester County vs. NYS Excluding NYC, 2016 - 2023



Rate of hospitalizations from heroin overdoses,
Westchester County vs. NYS Excluding NYC, 2016 - 2023



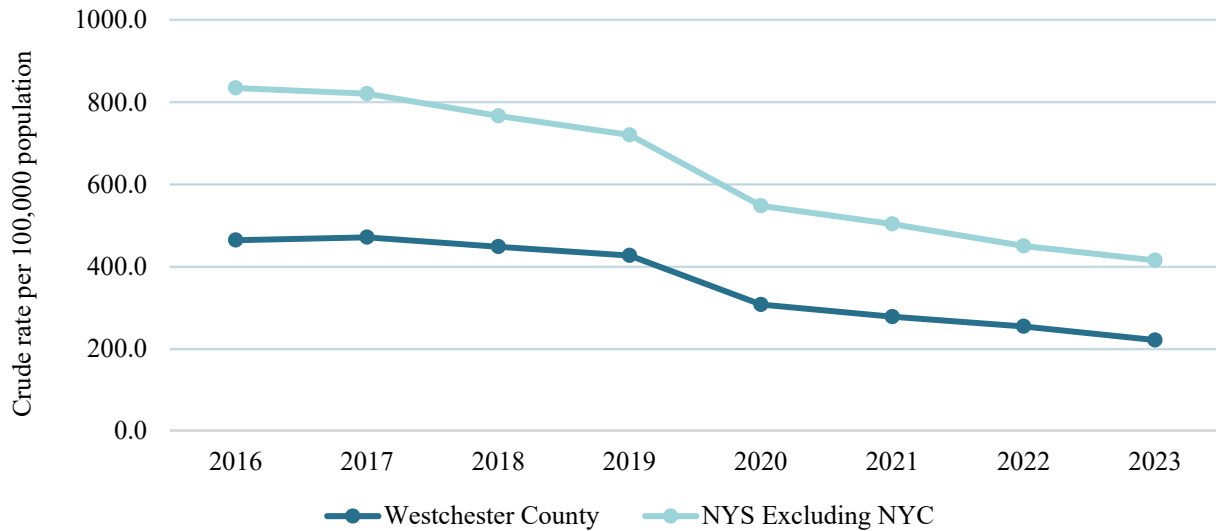
Rate of hospitalizations from opioid overdoses excluding heroin,
Westchester County vs. NYS Excluding NYC, 2016 - 2023



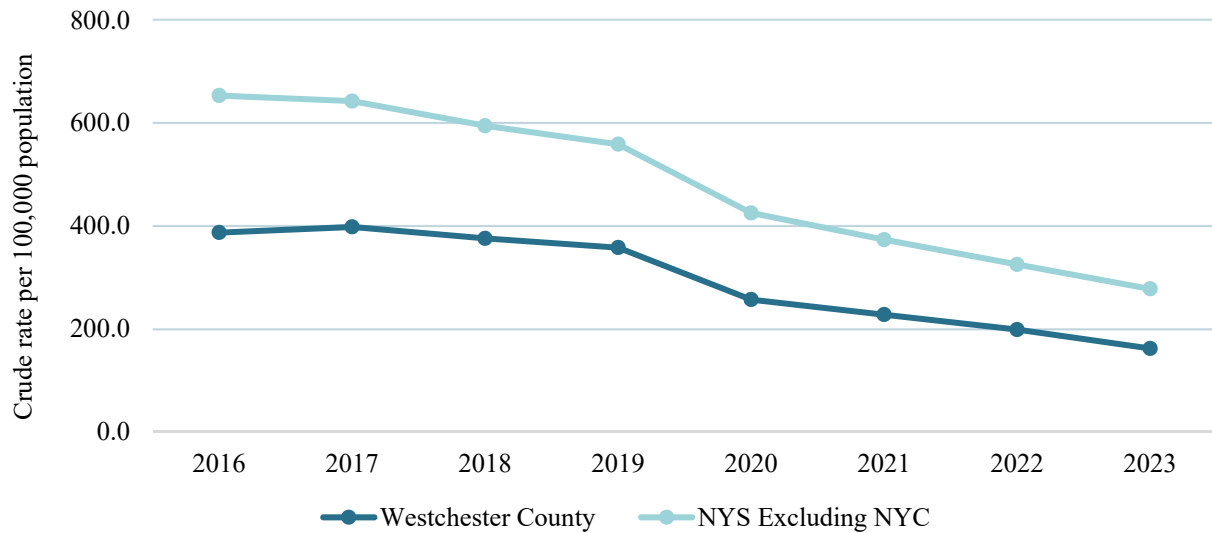
¹ This indicator includes illicitly produced opioids such as fentanyl.
Source: New York State Department of Health. See Appendix A.

Substance Use Disorder Treatment Program Admissions

Rate of admissions to OASAS-certified¹ SUD treatment programs for any opioid (including heroin), aged 12+ years, Westchester County vs. NYS Excluding NYC, 2016 - 2023



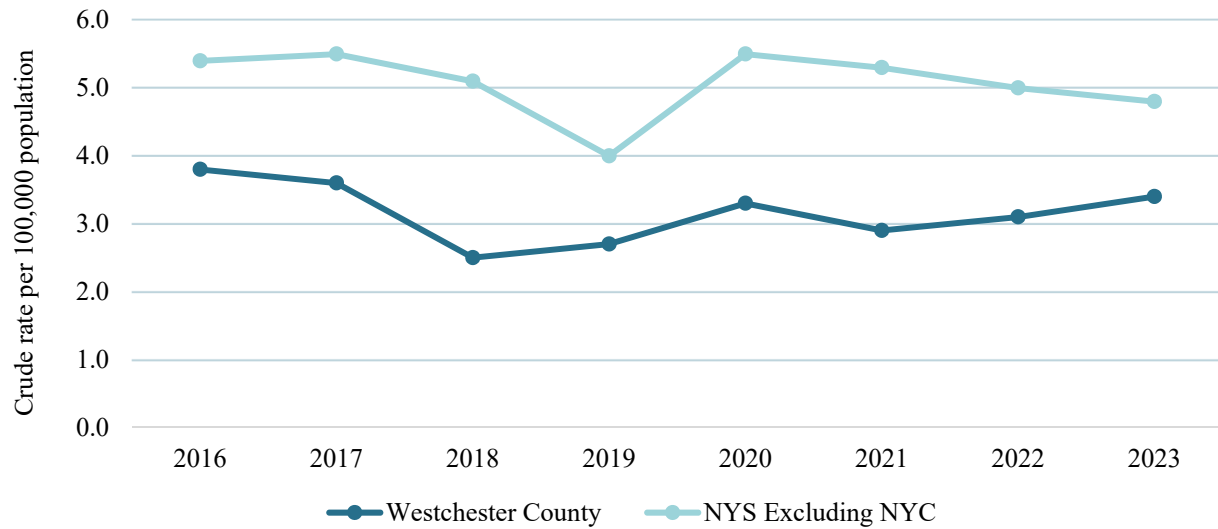
Rate of admissions to OASAS-certified¹ SUD treatment programs for heroin, aged 12+ years, Westchester County vs. NYS Excluding NYC, 2016 - 2023



¹ OASAS: Office of Addiction Services and Supports
Sources: New York State Department of Health and OASAS. See Appendix B.

Naloxone Administrations by Emergency Medical Services

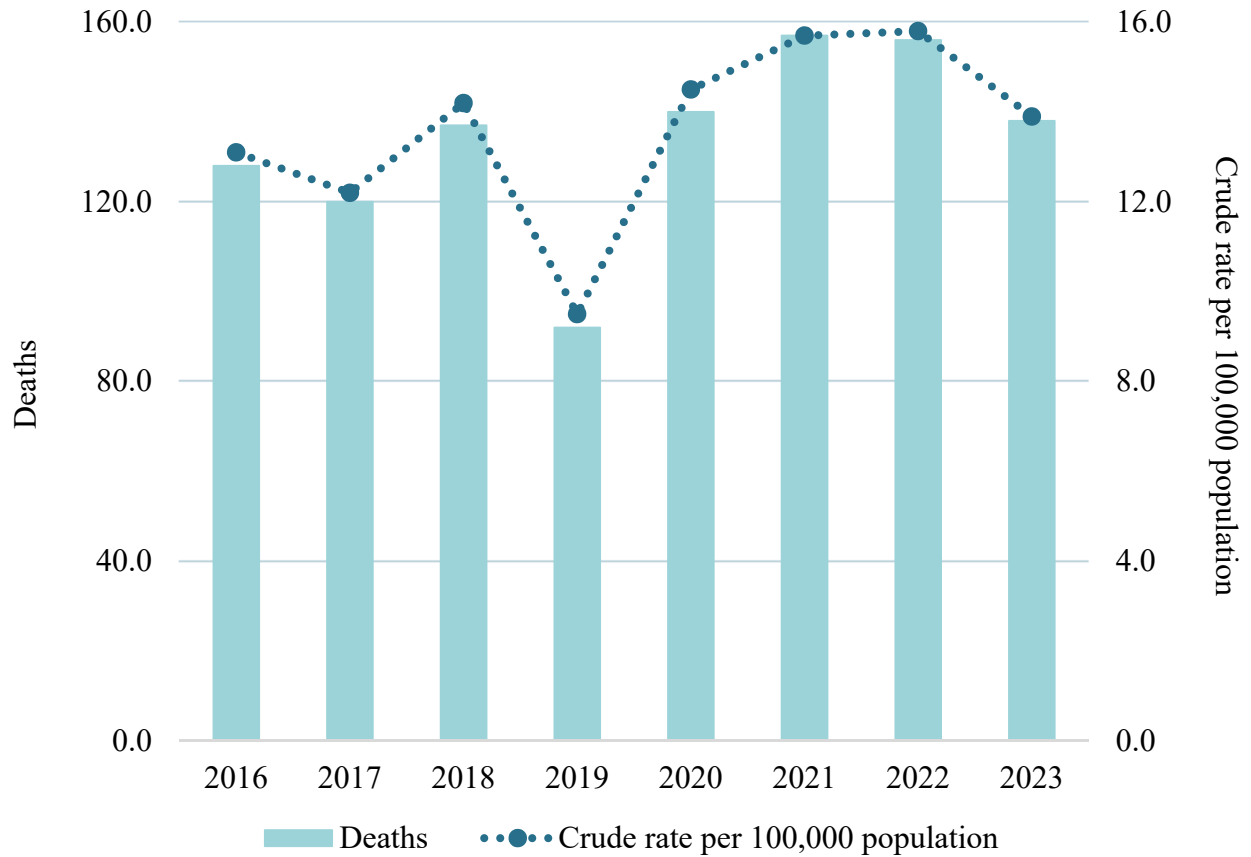
Rate of naloxone administrations¹ by emergency medical services (EMS), crude rates per 1,000 911 EMS dispatches, Westchester County vs. NYS Excluding NYC, 2016 - 2023



¹ This rate is based on unique EMS encounters in which naloxone was administered during the course of patient care.
Source: New York State Department of Health. See Appendix C.

Opioid Overdose Death Demographics

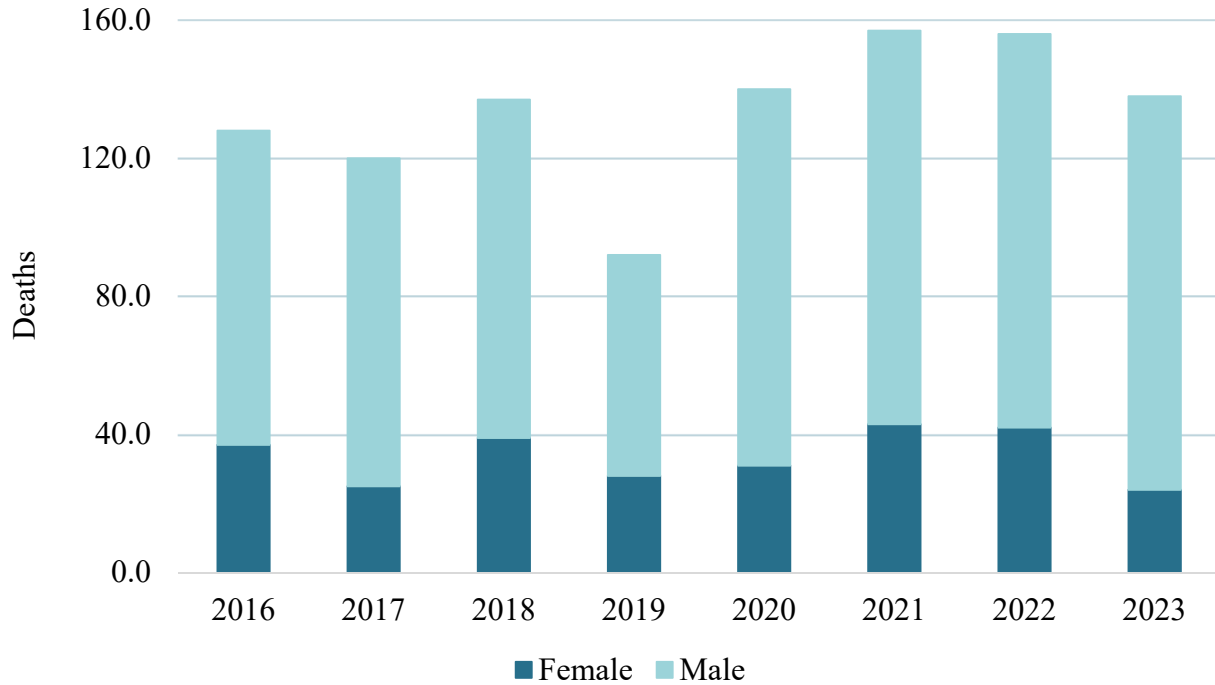
Opioid overdose deaths and rates,
Westchester County, 2016 - 2023



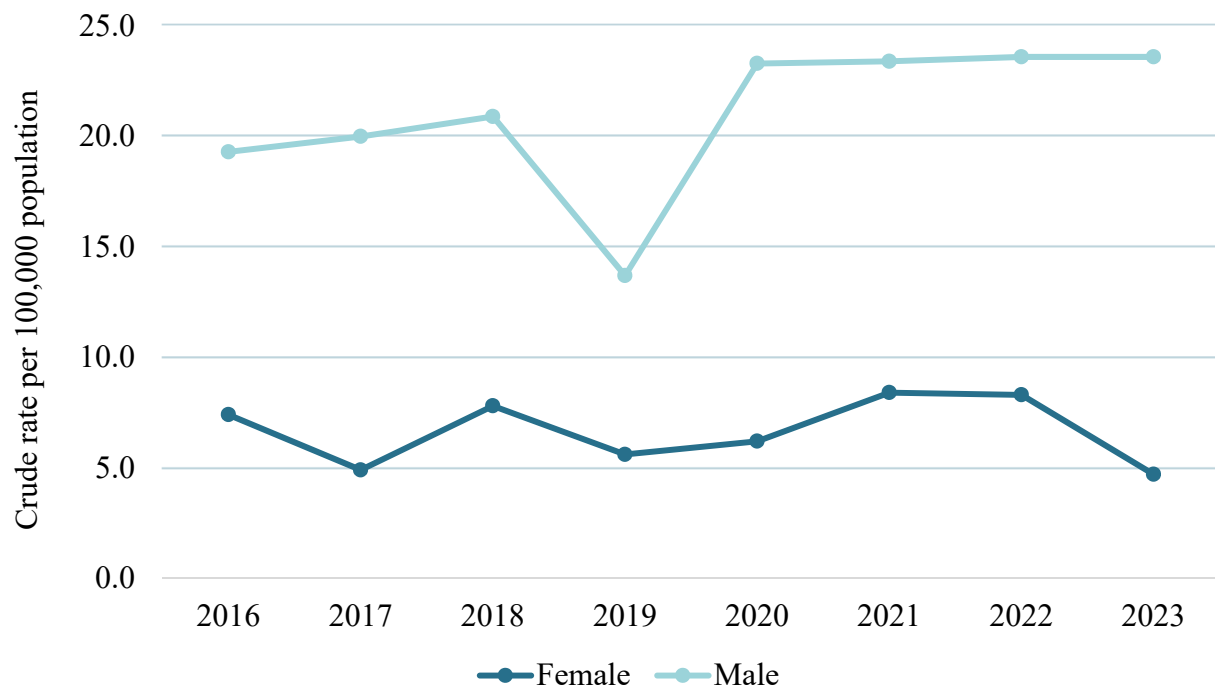
Source: National Center for Health Statistics. See Appendices D and E.

Opioid Overdose Death Demographics

Deaths involving opioid overdose by sex, Westchester County, 2016 - 2023



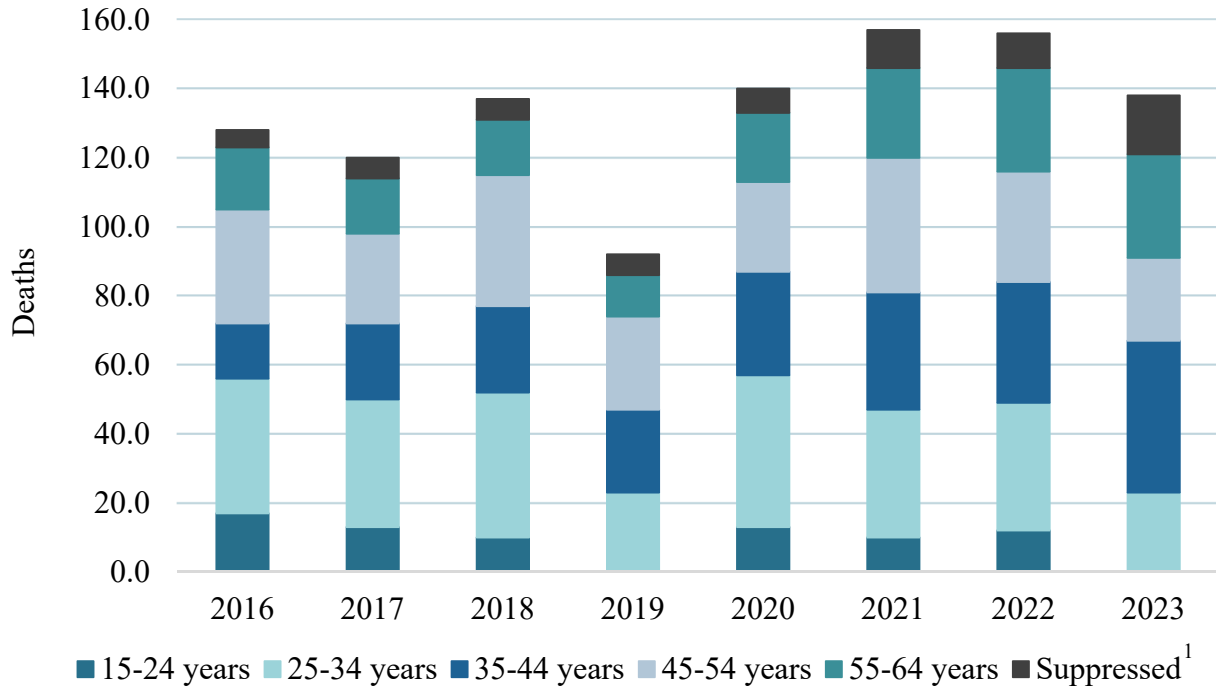
Rate of deaths involving opioid overdose by sex, Westchester County, 2016 - 2023



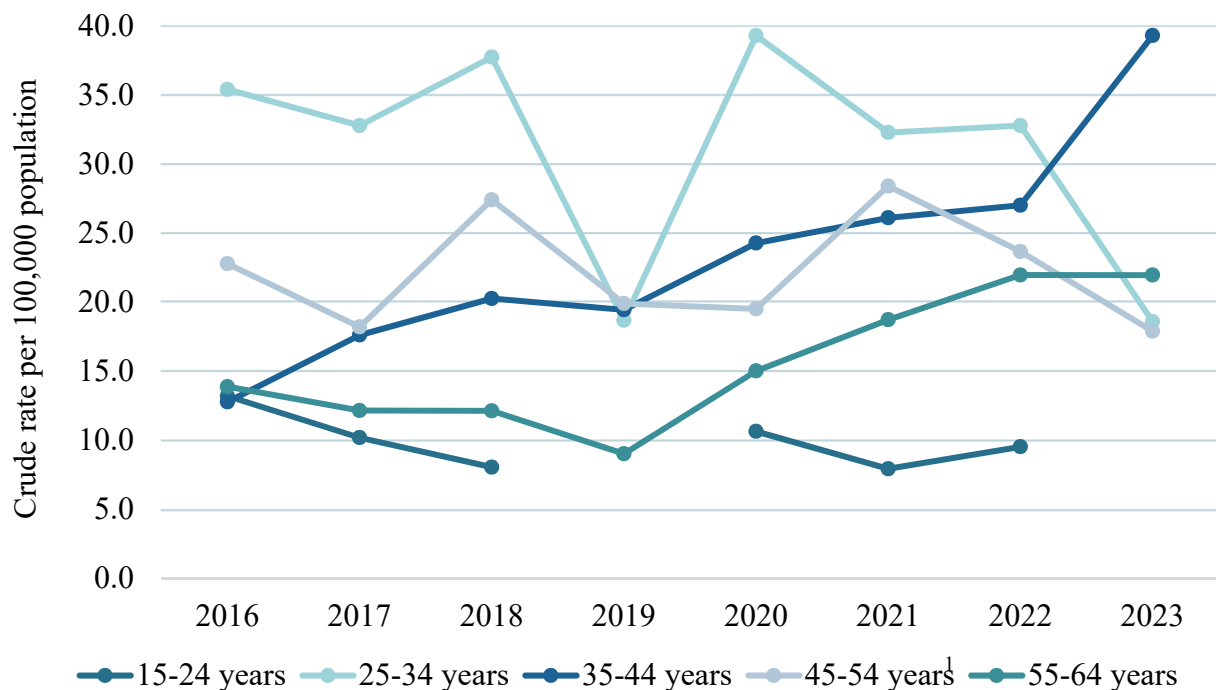
Source: National Center for Health Statistics. See Appendices D and E.

Opioid Overdose Death Demographics

Deaths involving opioid overdose by age group, Westchester County, 2016 - 2023



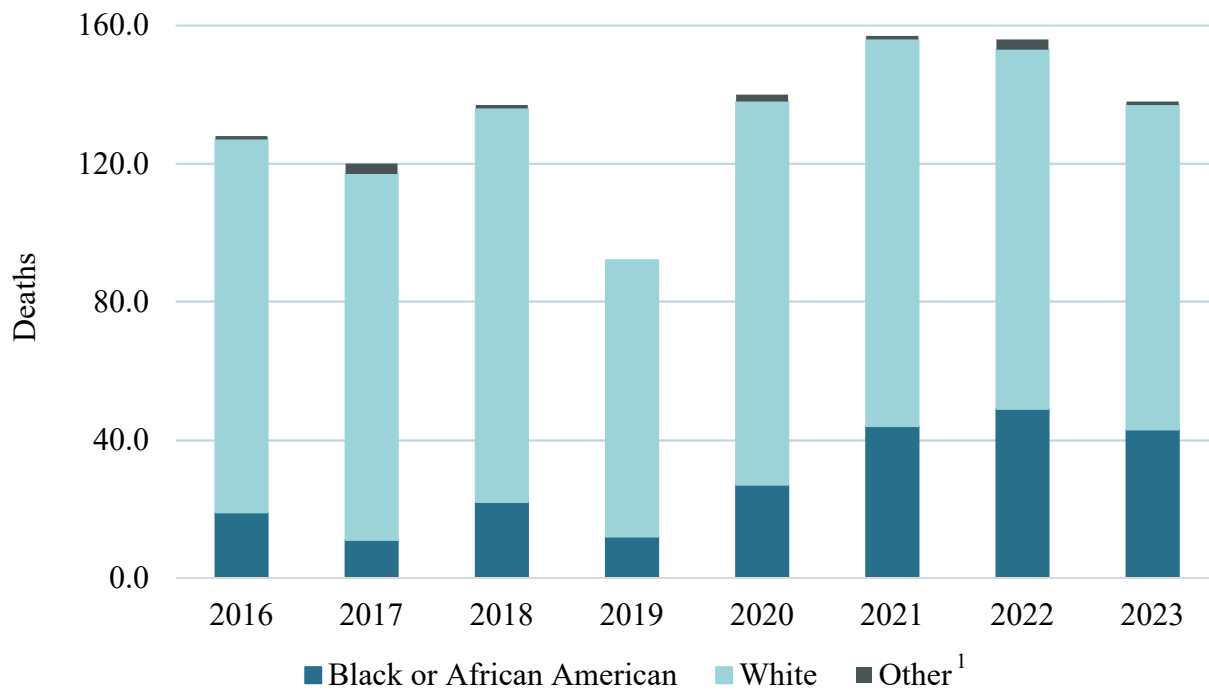
Rate of deaths involving opioid overdose by age group, Westchester County, 2016 - 2023



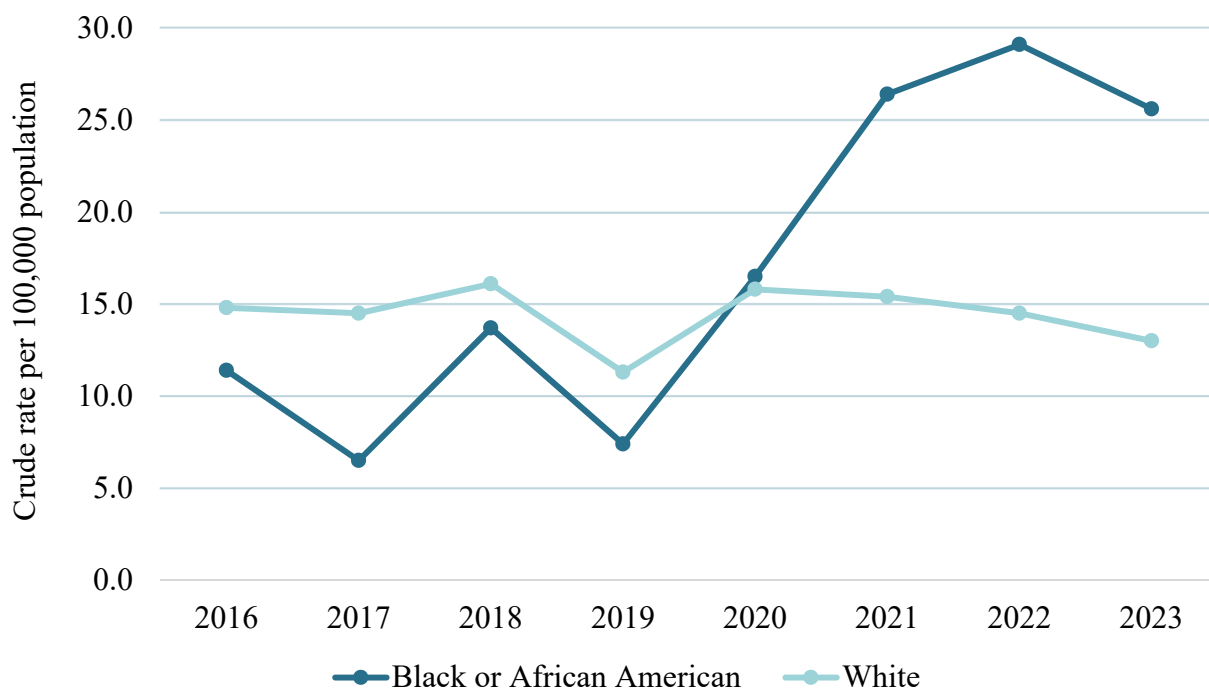
¹ Statistics representing one through nine (1-9) deaths are suppressed. Suppressed values here signify age groups whose non-zero data have been withheld due to small numbers in order to maintain confidentiality. Therefore, rates are not provided for age groups with Suppressed values. Source: National Center for Health Statistics. See Appendices D and E.

Opioid Overdose Death Demographics

Deaths involving opioid overdose by race,
Westchester County, 2016 - 2023



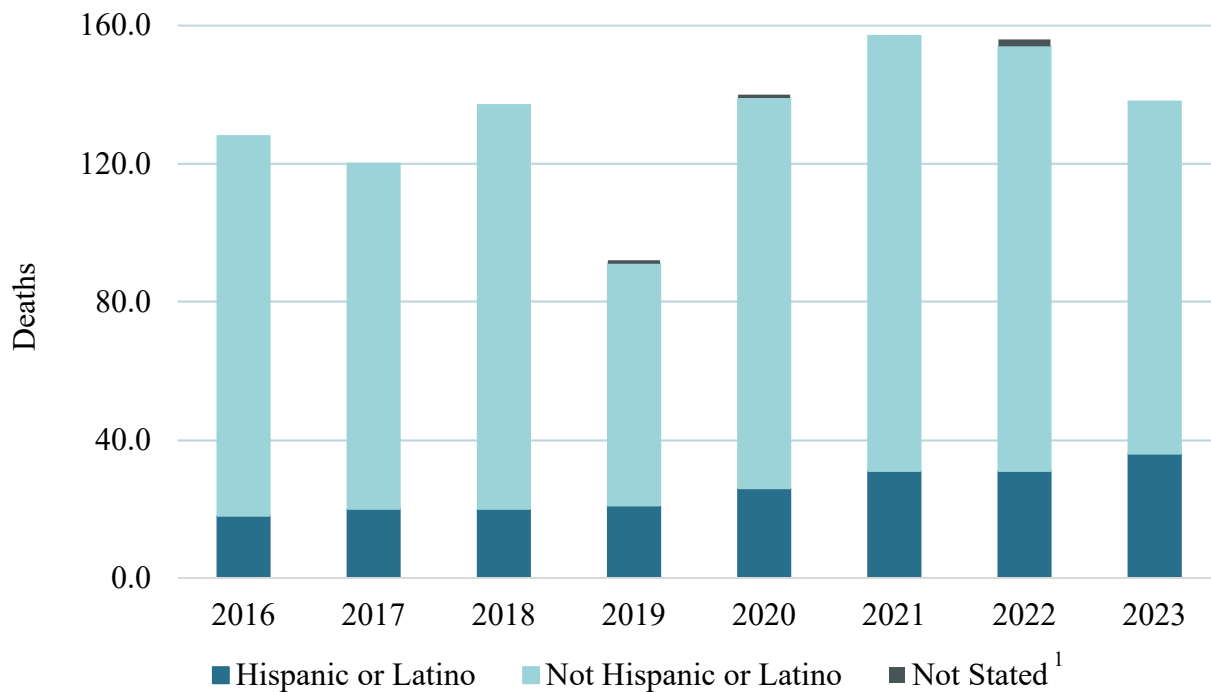
Rate of deaths involving opioid overdose by race,
Westchester County, 2016 - 2023



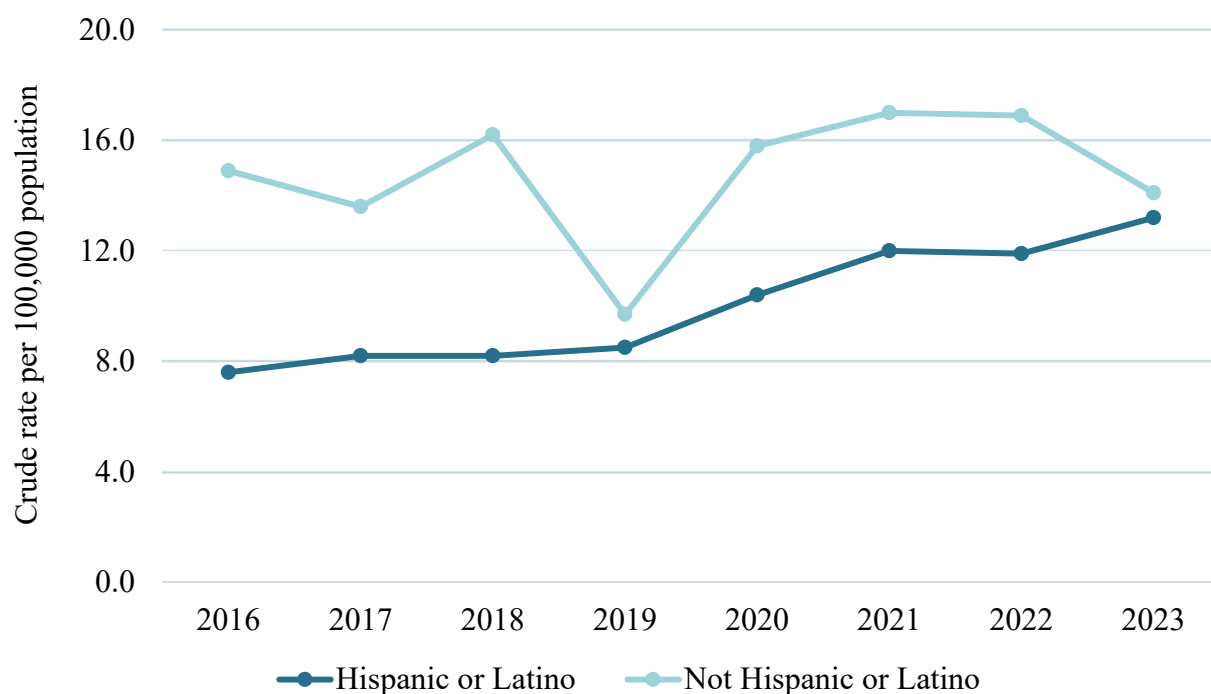
¹ Statistics representing one through nine (1-9) deaths are suppressed. Therefore, rates are not provided for the Other race category.
Source: National Center for Health Statistics. See Appendices D and E.

Opioid Overdose Death Demographics

Deaths involving opioid overdose by ethnicity,
Westchester County, 2016 - 2023



Rate of deaths involving opioid overdose by ethnicity,
Westchester County, 2016 - 2023



¹ Statistics representing one through nine (1-9) deaths are suppressed. Therefore, rates are not provided for the Not Stated ethnicity category. Source: National Center for Health Statistics. See Appendices D and E.

Data Sources

This Community Health Data Report was prepared using sources from the New York State Department of Health (NYSDOH) and the Centers for Disease Control and Prevention (CDC).

The NYSDOH publishes County Opioid Quarterly Reports that routinely report on the overall opioid burden in the state and in each county. This includes information pertaining to deaths, emergency department (ED) visits, and hospitalizations involving opioid use. Mortality data for New York State exclusive of New York City are from the NYSDOH Bureau of Vital Records. ED visit and hospitalization data are from the NYSDOH Statewide Planning and Research Cooperative System (SPARCS). The County Opioid Quarterly Reports also include admissions to substance use disorder treatment programs that are certified by the state's Office of Addiction Services and Supports (OASAS), as well as naloxone administration reports by the state's emergency medical services (EMS) agencies.

It is important to note that data from the County Opioid Quarterly Reports should not be considered as complete, as the confirmation of opioid overdose cases can cause delays in reporting. As a result, death, ED visit, and hospitalization numbers may change in subsequent quarterly reports due to additional confirmations and timing of the data received. Admissions to treatment programs may also change in subsequent quarterly reports due to delays in reporting by OASAS.

The CDC's National Center for Health Statistics (NCHS) maintains a database called the Wide-ranging Online Data for Epidemiological Research (WONDER). This database provides nationwide mortality data extracted from death certificates that are coded by each state and reported to the NCHS. Underlying and multiple causes of death via the tenth revision of the International Classification of Diseases (ICD-10) are available in this database. The ICD-10 code query for this report can be found in Appendix D. CDC WONDER also presents mortality data by various demographics, including sex, age group, race, and ethnicity, which the County Opioid Quarterly Reports do not provide.

Like the County Opioid Quarterly Reports, more recent data from CDC WONDER is considered provisional and therefore may change with routine updating of the database. As a result, mortality data from the NYSDOH and the CDC may differ in this report (see Appendices A and E).

Data Sources

Appendix A. Opioid overdoses and crude rates per 100,000 population, 2016 – 2023

Indicator	Location	2016		2017		2018		2019		2020		2021		2022		2023	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Deaths¹																	
All opioid overdoses	Westchester	126	12.9	116	11.9	133	13.7	91	9.3	135	13.9	150	15.0	148	14.9	125	12.6
	NYS Excl. NYC	2,036	18.1	2,170	19.4	1,922	17.2	1,788	16.0	2,521	22.5	2,867	25.2	2,933	25.9	2,800	24.7
Heroin overdoses	Westchester	66	6.8	48	4.9	50	5.2	34	3.5	32	3.3	30	3.0	19	1.9	16	1.6
	NYS Excl. NYC	820	7.3	793	7.1	675	6.1	541	4.8	541	4.8	327	2.9	218	1.9	133	1.2
Overdoses involving opioid pain relievers ^{2,3}	Westchester	90	9.2	104	10.7	121	12.5	81	8.3	128	13.1	131	13.1	131	13.2	117	11.8
	NYS Excl. NYC	1,608	14.3	1,903	17.0	1,763	15.8	1,688	15.1	2,454	21.9	2,609	22.9	2,679	23.6	2,590	22.9
Outpatient Emergency Department Visits																	
All opioid overdoses	Westchester	180	18.4	248	25.4	281	29.0	235	24.1	232	23.8	297	29.7	274	27.6	188	19.0
	NYS Excl. NYC	6,676	59.4	7,222	64.4	5,938	53.3	5,534	49.4	6,257	55.8	6,286	55.1	5,685	50.1	4,589	40.6
Heroin overdoses	Westchester	114	11.7	167	17.1	173	17.9	149	15.3	124	12.7	162	16.2	128	12.9	58	5.9
	NYS Excl. NYC	4,784	42.5	5,199	46.4	4,243	38.1	3,697	33.0	3,664	32.7	3,158	27.7	2,480	21.9	1,394	12.3
Opioid overdoses excluding heroin ²	Westchester	66	6.8	81	8.3	108	11.2	86	8.8	108	11.1	135	13.5	146	14.7	130	13.1
	NYS Excl. NYC	1,892	16.8	2,023	18.1	1,695	15.2	1,837	16.4	2,593	23.1	3,128	27.4	3,205	28.3	3,195	28.2
Hospitalizations																	
All opioid overdoses	Westchester	80	8.2	98	10.1	105	10.9	111	11.4	109	11.2	138	13.8	98	9.9	79	8.0
	NYS Excl. NYC	1,898	16.9	1,950	17.4	1,694	15.2	1,544	13.8	1,628	14.5	1,562	13.7	1,440	12.7	1,495	13.2
Heroin overdoses	Westchester	31	3.2	32	3.3	47	4.9	45	4.6	38	3.9	36	3.6	31	3.1	17	1.7
	NYS Excl. NYC	781	6.9	777	6.9	669	6.0	570	5.1	572	5.1	494	4.3	402	3.5	298	2.6
Opioid overdoses excluding heroin ²	Westchester	49	5.0	66	6.8	58	6.0	66	6.8	71	7.3	102	10.2	67	6.8	62	6.3
	NYS Excl. NYC	1,117	9.9	1,173	10.5	1,025	9.2	974	8.7	1,056	9.4	1,068	9.4	1,038	9.2	1,197	10.6

¹ Indicators are not mutually exclusive. Decedents and patients may have multiple substances in their system. Thus, overdoses involving heroin and overdoses involving opioid pain relievers will not add up to the overdoses involving all opioids.

² This indicator includes illicitly produced opioids such as fentanyl.

³ As of the July 2023 report, this indicator (Overdose deaths involving opioid pain relievers (T40.2, T40.3, T40.4)) was replaced by the modified indicator (Overdoses involving synthetic opioids other than methadone (T40.4)).

Source: New York State County Opioid Quarterly Reports (Preliminary data as of July 2024 - subject to change)

Data Sources

Appendix B. Admissions to OASAS-certified substance use disorder treatment programs involving opioid use¹, crude rates per 100,00 population aged 12+ years, 2016 - 2023

Indicator	Location	2016	2017	2018	2019	2020	2021	2022	2023
Admissions for any opioid (including heroin)	Westchester County	464.2	471.2	448.2	426.8	307.3	277.8	254.2	220.9
	NYS Excluding NYC	834.8	821.0	766.9	720.4	547.8	503.5	450.0	415.1
Admissions for heroin	Westchester County	387.4	398.3	376.1	358.1	257.1	228.0	198.8	162.2
	NYS Excluding NYC	653.5	642.8	594.8	559.0	425.4	373.5	325.3	277.9

¹ Admissions are not counts of unique people admitted to treatment.

Sources: New York State Opioid Data Dashboard and New York State County Opioid Quarterly Reports (Preliminary data as of October 2024 - subject to change)

Appendix C. Unique naloxone administrations by EMS agencies, crude rates per 1,000 unique 911 EMS dispatches, 2016 - 2023

Location	2016	2017	2018	2019	2020	2021	2022	2023
Westchester County	3.8	3.6	2.5	2.7	3.3	2.9	3.1	3.4
NYS Excluding NYC	5.4	5.5	5.1	4.0	5.5	5.3	5.0	4.8

Sources: New York State Opioid Data Dashboard and New York State County Opioid Quarterly Reports (Preliminary data as of October 2024 - subject to change)

Appendix D. ICD-10 codes in CDC WONDER query for underlying and multiple causes of death involving opioid overdose in Westchester County

Query Criteria:

MCD - ICD-10 Codes: T40.0 (Opium); T40.1 (Heroin); T40.2 (Other opioids); T40.3 (Methadone); T40.4 (Other synthetic narcotics); T40.6 (Other and unspecified narcotics)

States: Westchester County, NY (36119)

UCD - ICD-10 Codes: X40 (Accidental poisoning by and exposure to nonopioid analgesics, antipyretics and antirheumatics); X41 (Accidental poisoning by and exposure to antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified); X42 (Accidental poisoning by and exposure to narcotics and psychodysleptics [hallucinogens], not elsewhere classified); X43 (Accidental poisoning by and exposure to other drugs acting on the autonomic nervous system); X44 (Accidental poisoning by and exposure to other and unspecified drugs, medicaments and biological substances); X60 (Intentional self-poisoning by and exposure to nonopioid analgesics, antipyretics and antirheumatics); X61 (Intentional self-poisoning by and exposure to antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified); X62 (Intentional self-poisoning by and exposure to narcotics and psychodysleptics [hallucinogens], not elsewhere classified); X63 (Intentional self-poisoning by and exposure to other drugs acting on the autonomic nervous system); X64 (Intentional self-poisoning by and exposure to other and unspecified drugs, medicaments and biological substances); X85 (Assault by drugs, medicaments and biological substances); Y10 (Poisoning by and exposure to nonopioid analgesics, antipyretics and antirheumatics, undetermined intent); Y11 (Poisoning by and exposure to antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified, undetermined intent); Y12 (Poisoning by and exposure to narcotics and psychodysleptics [hallucinogens], not elsewhere classified, undetermined intent); Y13 (Poisoning by and exposure to other drugs acting on the autonomic nervous system, undetermined intent); Y14 (Poisoning by and exposure to other and unspecified drugs, medicaments and biological substances, undetermined intent)

Data Sources

Appendix E. Deaths involving opioid overdose, Westchester County, 2016 – 2023

	2016	2017	2018	2019	2020	2021	2022	2023
Total	128	120	137	92	140	157	156	138
<i>Crude rate per 100,000 population</i>	13.1	12.2	14.2	9.5	14.5	15.7	15.8	13.9
<i>Sex</i>								
Male	91	95	98	64	109	114	114	114
<i>Crude rate per 100,000 pop.</i>	19.3	20.0	20.9	13.7	23.3	23.4	23.6	23.6
Female	37	25	39	28	31	43	42	24
<i>Crude rate per 100,000 pop.</i>	7.4	4.9	7.8	5.6	6.2	8.4	8.3	4.7
<i>Age Group (years)</i>								
15 - 24 years	17	13	10	... ¹	13	10	12	... ¹
<i>Crude rate per 100,000 pop.</i>	13.2	10.2	8.0	... ¹	10.6	7.9	9.5	... ¹
25 - 34 years	39	37	42	23	44	37	37	23
<i>Crude rate per 100,000 pop.</i>	35.4	32.8	37.7	18.7	39.3	32.3	32.8	18.6
35 - 44 years	16	22	25	24	30	34	35	44
<i>Crude rate per 100,000 pop.</i>	12.8	17.6	20.3	19.4	24.3	26.1	27.0	39.3
45 - 54 years	33	26	38	27	26	39	32	24
<i>Crude rate per 100,000 pop.</i>	22.8	18.2	27.4	19.9	19.5	28.4	23.7	17.9
55 - 64 years	18	16	16	12	20	26	30	30
<i>Crude rate per 100,000 pop.</i>	13.9	12.1	12.1	9.0	15.0	18.7	22.0	22.0
Total Suppressed ²	... ¹	... ¹	... ¹	... ¹	... ¹	11	10	17
<i>Crude rate per 100,000 pop.</i>	... ¹	... ¹	... ¹	... ¹	... ¹	3.1	2.9	4.7
<i>Race</i>								
Black or African American	19	11	22	12	27	44	49	43
<i>Crude rate per 100,000 pop.</i>	11.4	6.5	13.7	7.4	16.5	26.4	29.1	25.6
White	108	106	114	80	111	112	104	94
<i>Crude rate per 100,000 pop.</i>	14.8	14.5	16.1	11.3	15.8	15.4	14.5	13.0
Other ³	... ¹	... ¹	... ¹	0	... ¹	... ¹	... ¹	... ¹
<i>Crude rate per 100,000 pop.</i>	... ¹	... ¹	... ¹	0.0	... ¹	... ¹	... ¹	... ¹
<i>Ethnicity</i>								
Hispanic or Latino	18	20	20	21	26	31	31	36
<i>Crude rate per 100,000 pop.</i>	7.6	8.2	8.2	8.5	10.4	12.0	11.9	13.2
Not Hispanic or Latino	110	100	117	70	113	126	123	102
<i>Crude rate per 100,000 pop.</i>	14.9	13.6	16.2	9.7	15.8	17.0	16.9	14.1
Not Stated	0	0	0	... ¹	... ¹	0	... ¹	0
<i>Crude rate per 100,000 pop.</i>	0.0	0.0	0.0	... ¹	... ¹	0.0	... ¹	0.0

¹ Statistics representing one through nine (1-9) deaths are suppressed in order to maintain confidentiality.

² Total suppressed includes deaths from all age groups including those less than 15 years and those 65 years and up.

³ Other includes all other races whose values were suppressed due to small numbers in order to maintain confidentiality.

Source: CDC WONDER (Preliminary data as of December 2024 - subject to change)