



Epi Data Tables

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New York City Department of Health and Mental Hygiene

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Unintentional Drug Poisoning (Overdose) Deaths in New York City, 2010-2012

Data Tables

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Data Sources

Bureau of Vital Stastics/Office of the Chief Medical Examiner: Mortality data were collected through an in-depth review of data and charts from the Health Department's Bureau of Vital Statistics and the Office of the Chief Medical Examiner for 2000-2012. Methadone is reported separately and not included in opioid analgesic analyses.

Population Rates: Calculated using NYC DOHMH population estimates, modified from US Census Bureau intercensal population estimates 2000-2012, updated July 22, 2013. 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, except those for specific age groups.

[To access the related Epi Data Brief, go to \[www.nyc.gov/html/doh/downloads/pdf/epi/databrief33.pdf\]\(http://www.nyc.gov/html/doh/downloads/pdf/epi/databrief33.pdf\)](http://www.nyc.gov/html/doh/downloads/pdf/epi/databrief33.pdf)

Table 1. Number and rate of unintentional drug poisoning (overdose) deaths, NYC, 2010-2012

Source: Bureau of Vital Statistics/Office of the Chief Medical Examiner, New York City; analysis by Health Department's Bureau of Alcohol and Drug Use Prevention, Care and Treatment

Rates per 100,000 New Yorkers are age adjusted, except those for specific age groups.

	2010			2011			2012		
	Number	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate
Total Unintentional Poisoning Deaths	541	100%	8.2	630	100%	9.4	730	100%	10.9
Gender									
Male	386	71%	12.4	455	72%	14.2	534	73%	16.7
Female	155	29%	4.4	175	28%	5.0	196	27%	5.7
Race/Ethnicity									
Black	128	24%	8.0	158	26%	9.9	180	25%	11.6
Hispanic	150	28%	8.6	157	26%	8.7	192	27%	10.4
White	250	47%	11.5	300	49%	13.6	336	47%	15.7
Age (years)									
15-24	30	6%	2.5	37	6%	3.2	48	7%	4.2
25-34	85	16%	6.0	125	20%	8.8	140	19%	9.6
35-44	121	22%	10.4	133	21%	11.5	158	22%	13.6
45-54	194	36%	17.4	206	33%	18.5	245	34%	22.1
55-64	93	17%	10.3	122	19%	13.2	122	17%	13.0
65-84	17	3%	2.0	7	1%	0.8	17	2%	1.9
Borough of Residence									
Bronx	128	27%	12.3	140	25%	13.2	171	26%	16.1
Brooklyn	145	30%	7.3	158	28%	7.8	179	27%	8.9
Manhattan	69	14%	5.2	103	18%	7.7	131	20%	9.8
Queens	91	19%	5.0	97	17%	5.2	105	16%	5.6
Staten Island	46	10%	12.2	69	12%	18.4	74	11%	19.9
Borough of Death									
Bronx	132	24%	12.7	147	23%	13.8	175	24%	16.5
Brooklyn	166	31%	8.4	172	27%	8.5	188	26%	9.4
Manhattan	102	19%	7.6	134	21%	9.9	172	24%	12.9
Queens	96	18%	5.3	100	16%	5.4	120	16%	6.4
Staten Island	45	8%	12.0	77	12%	20.7	75	10%	20.1
Neighborhood Poverty*									
Low (wealthiest)	33	7%	4.5	67	12%	8.8	68	10%	9.0
Medium	181	38%	6.3	182	32%	6.2	211	32%	7.2
High	84	18%	6.3	103	18%	7.8	124	19%	9.6
Very High	175	37%	10.8	215	38%	13.0	256	39%	15.6
Drug Type**									
Alcohol	243	45%	3.7	273	43%	4.1	316	43%	4.7
Benzodiazepines	227	42%	3.5	210	33%	3.2	278	38%	4.2
Cocaine	289	53%	4.4	319	51%	4.7	348	48%	5.2
Heroin	209	39%	3.1	284	45%	4.2	382	52%	5.7
Methadone	142	26%	2.2	146	23%	2.2	184	25%	2.7
Opioid Analgesics	173	32%	2.6	220	35%	3.3	201	28%	3.0
Top 5 NYC Neighborhoods^								2011-2012 Rate	
Hunts Point-Mott Haven									23.5
Willowbrook									23.4
South Beach-Tottenville									21.2
Stapleton-St George									20.2
Highbridge-Morrisania									17.4

*The United Hospital Fund (UHF) classifies New York City into 42 neighborhoods, comprised of contiguous zip codes. **Neighborhood poverty** was defined as percent of residents in each UHF neighborhood with incomes below 100% of the federal poverty level (Census 2000), separated into four groups: low (<10%), medium (10%-<20%), high (20%-<30%) and very high (>30%) neighborhood poverty.

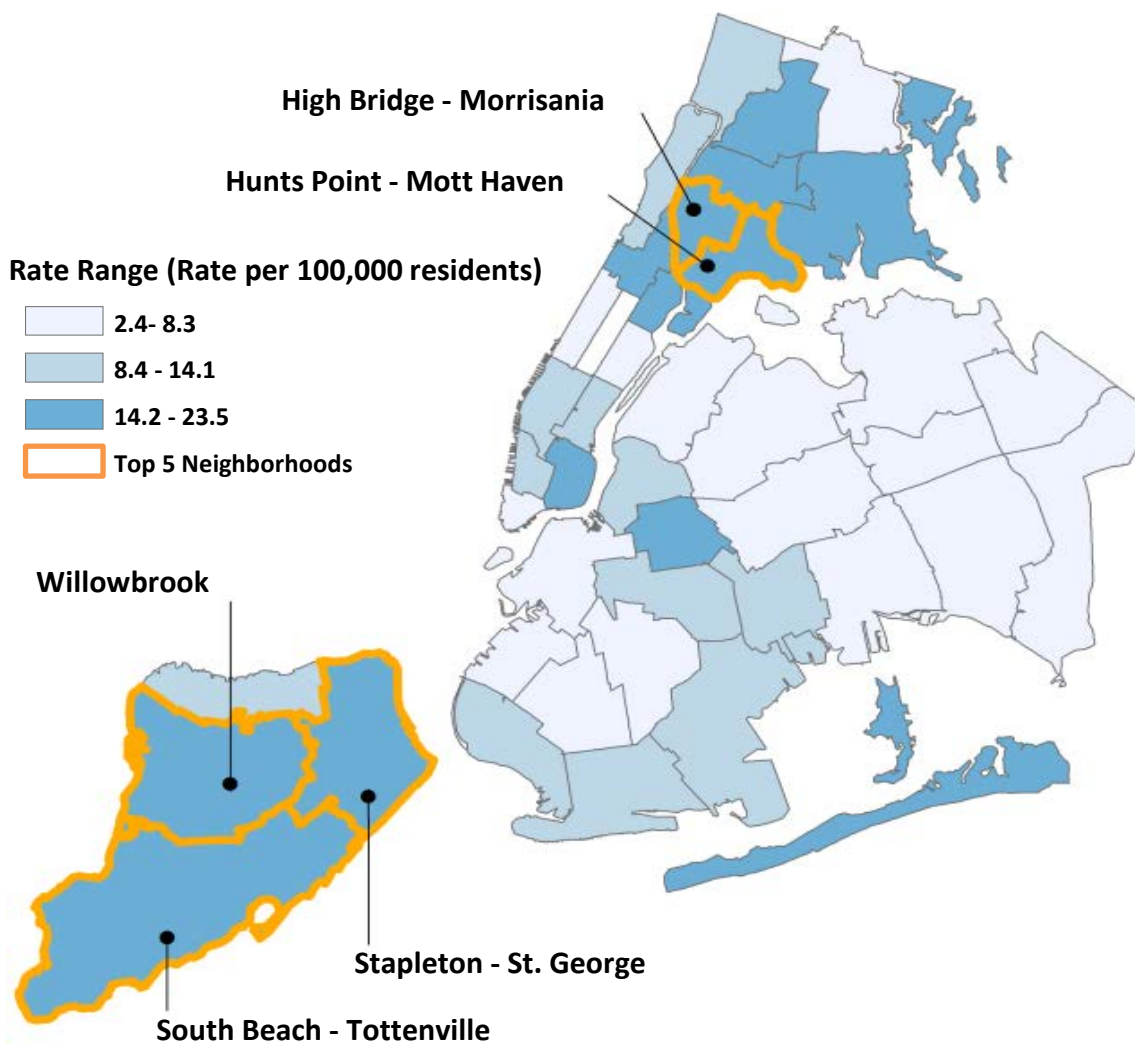
**Drug Type, not mutually exclusive.; percent will not equal 100%.

[^Top five of 42 NYC Neighborhoods](#)

Map 1. Top five New York City neighborhoods: Rates of unintentional drug poisoning (overdose) by neighborhood* of residence, 2011-2012

Source: Bureau of Vital Statistics/Office of the Chief Medical Examiner, New York City; analysis by Health Department's Bureau of Alcohol and Drug Use Prevention, Care and Treatment

Unintentional Poisoning Deaths by NYC Neighborhood of Residence, 2011-2012



[*The United Hospital Fund \(UHF\) classifies New York City into 42 neighborhoods, comprised of contiguous zip codes.](#)

Table 2. Number and rate of unintentional drug poisoning (overdose) deaths involving heroin, New York City, 2010-2012

Source: Bureau of Vital Statistics/Office of the Chief Medical Examiner, New York City; analysis by Health Department's Bureau of Alcohol and Drug Use Prevention, Care and Treatment

Rates per 100,000 New Yorkers are age adjusted, except those for specific age groups.

	2010			2011			2012		
	Number	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate
Total Unintentional Poisoning Deaths	541	100%	8.2	630	100%	9.4	730	100%	10.9
Total Unintentional Heroin Involved Poisoning Deaths	209	39%	3.1	284	45%	4.2	382	52%	5.7
Gender									
Male	168	80%	5.3	222	78%	7.0	297	78%	9.3
Female	41	20%	1.1	62	22%	1.8	85	22%	2.5
Race/Ethnicity									
Black	36	18%	2.2	61	22%	3.8	70	19%	4.6
Hispanic	64	31%	3.6	79	28%	4.4	114	30%	6.2
White	105	51%	4.7	140	50%	6.4	191	51%	8.9
Age (years)									
15-24	12	6%	1.0	17	6%	1.5	27	7%	2.4
25-34	43	21%	3.1	63	22%	4.4	88	23%	6.1
35-44	36	17%	3.1	64	23%	5.5	80	21%	6.9
45-54	76	36%	6.8	88	31%	7.9	130	34%	11.7
55-64	39	19%	4.3	49	17%	5.3	50	13%	5.3
65-84	3	1%	0.3	3	1%	0.3	7	2%	0.8
Age (years-collapsed)									
15-34	55	26%	2.1	80	28%	3.1	115	30%	4.4
35-54	112	54%	4.9	152	54%	6.7	210	55%	9.3
55-84	42	20%	2.4	52	18%	2.9	57	15%	3.1
Borough of Residence									
Bronx	60	33%	5.7	75	30%	7.2	93	27%	8.8
Brooklyn	55	30%	2.7	58	23%	2.9	84	25%	4.2
Manhattan	20	11%	1.5	51	20%	3.8	73	22%	5.4
Queens	35	19%	1.9	47	19%	2.6	53	16%	2.8
Staten Island	14	8%	3.5	22	9%	6.2	36	11%	10.2
Borough of Death									
Bronx	58	28%	5.6	80	28%	7.6	98	26%	9.3
Brooklyn	69	33%	3.4	66	23%	3.3	96	25%	4.8
Manhattan	37	18%	2.7	68	24%	5.0	96	25%	7.2
Queens	33	16%	1.7	47	17%	2.6	59	15%	3.2
Staten Island	12	6%	3.0	23	8%	6.5	33	9%	9.3
Neighborhood Poverty*									
Low (wealthiest)	9	5%	1.2	27	11%	3.6	37	11%	4.8
Medium	61	34%	2.1	74	29%	2.6	98	29%	3.3
High	41	23%	3.1	51	20%	3.9	72	21%	5.6
Very High	69	38%	4.2	101	40%	6.0	131	39%	7.9
Top 5 NYC Neighborhoods[^]								2011-2012 Rate	
Hunts Point-Mott Haven									12.0
'Union Square'									10.8
'South Beach-Tottenville'									9.9
Highbridge-Morrisania									9.8
Fordham-Bronx Pk									9.4

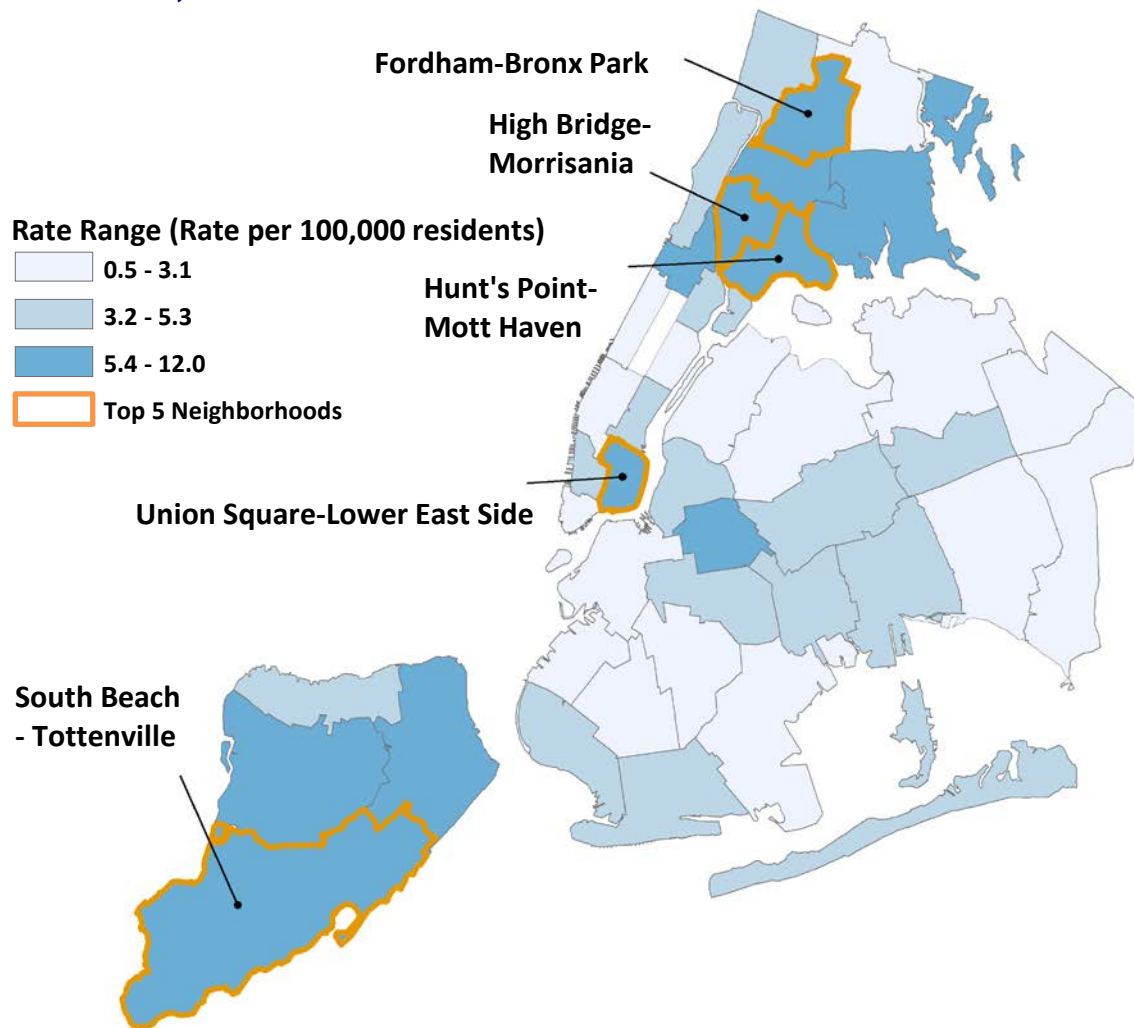
*The United Hospital Fund (UHF) classifies New York City into 42 neighborhoods, comprised of contiguous zip codes. **Neighborhood poverty** was defined as percent of residents in each UHF neighborhood with incomes below 100% of the federal poverty level (Census 2000), separated into four groups: low (<10%), medium (10%-<20%), high (20%-<30%) and very high (>30%) neighborhood poverty.

[^Top five of 42 NYC Neighborhoods](#)

Map 2. Top five New York City neighborhoods: Rates of unintentional drug poisoning (overdose) deaths involving heroin by neighborhood* of residence, 2011-2012

Source: Bureau of Vital Statistics/Office of the Chief Medical Examiner, New York City; analysis by Health Department's Bureau of Alcohol and Drug Use Prevention, Care and Treatment

Unintentional Poisoning Deaths Involving Heroin by NYC Neighborhood of Residence, 2011-2012



[*The United Hospital Fund \(UHF\) classifies New York City into 42 neighborhoods, comprised of contiguous zip codes.](#)

Table 3. Number and rate of unintentional drug poisoning (overdose) deaths involving opioid analgesics, NYC, 2010-2012

Source: Bureau of Vital Statistics/Office of the Chief Medical Examiner, New York City; analysis by Health Department's Bureau of Alcohol and Drug Use Prevention, Care and Treatment

Rates per 100,000 New Yorkers are age adjusted, except those for specific age groups.

	2010			2011			2012		
	Number	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate
Total Unintentional Poisoning Deaths	541	100%	8.2	630	100%	9.4	730	100%	10.9
Total Unintentional Opioid analgesic Involved Poisoning Deaths	173	32%	2.6	220	35%	3.3	201	28%	3.0
Gender									
Male	109	63%	3.5	160	73%	5.0	141	70%	4.4
Female	64	37%	1.8	60	27%	1.7	60	30%	1.8
Race/Ethnicity									
Black	21	13%	1.3	24	11%	1.5	40	20%	2.7
Hispanic	32	19%	1.8	40	19%	2.2	42	21%	2.3
White	115	68%	5.4	152	70%	7.0	115	58%	5.4
Age (years)									
15-24	13	8%	1.1	24	11%	2.1	23	11%	2.0
25-34	33	19%	2.3	50	23%	3.5	39	19%	2.7
35-44	47	27%	4.0	49	22%	4.2	49	24%	4.2
45-54	52	30%	4.7	59	27%	5.3	56	28%	5.1
55-64	27	16%	3.0	35	16%	3.8	32	16%	3.4
65-84	1	1%	0.1	3	1%	0.3	2	1%	0.2
Age (years-collapsed)									
15-34	46	27%	1.8	74	34%	2.9	62	31%	2.4
35-54	99	57%	4.3	108	49%	4.8	105	52%	4.6
55-84	28	16%	1.6	38	17%	2.1	34	17%	1.9
Borough of Residence									
Bronx	25	17%	2.4	40	20%	3.7	38	21%	3.5
Brooklyn	46	30%	2.3	48	24%	2.4	40	22%	2.1
Manhattan	15	10%	1.2	31	15%	2.4	33	18%	2.5
Queens	34	23%	1.9	42	21%	2.3	33	18%	1.8
Staten Island	31	21%	8.4	40	20%	10.8	37	20%	10.0
Borough of Death									
Bronx	27	16%	2.6	41	19%	3.8	39	19%	3.6
Brooklyn	50	29%	2.6	52	24%	2.6	41	20%	2.2
Manhattan	25	14%	1.9	38	17%	2.9	45	22%	3.4
Queens	40	23%	2.2	45	20%	2.4	38	19%	2.0
Staten Island	31	18%	8.6	44	20%	12.0	38	19%	10.2
Neighborhood Poverty*									
Low (wealthiest)	17	11%	2.4	32	16%	4.4	32	18%	4.2
Medium	75	50%	2.6	80	40%	2.7	64	35%	2.2
High	20	13%	1.6	35	17%	2.7	38	21%	3.0
Very High	39	26%	2.4	54	27%	3.3	47	26%	2.9
Top 5 NYC Neighborhoods^								2011-2012 Rate	
'Willowbrook'									12.7
'South Beach-Tottenville'									12.6
'Stapleton-St George'									10.0
'Rockaway'									7.1
Crotona-Tremont									5.6

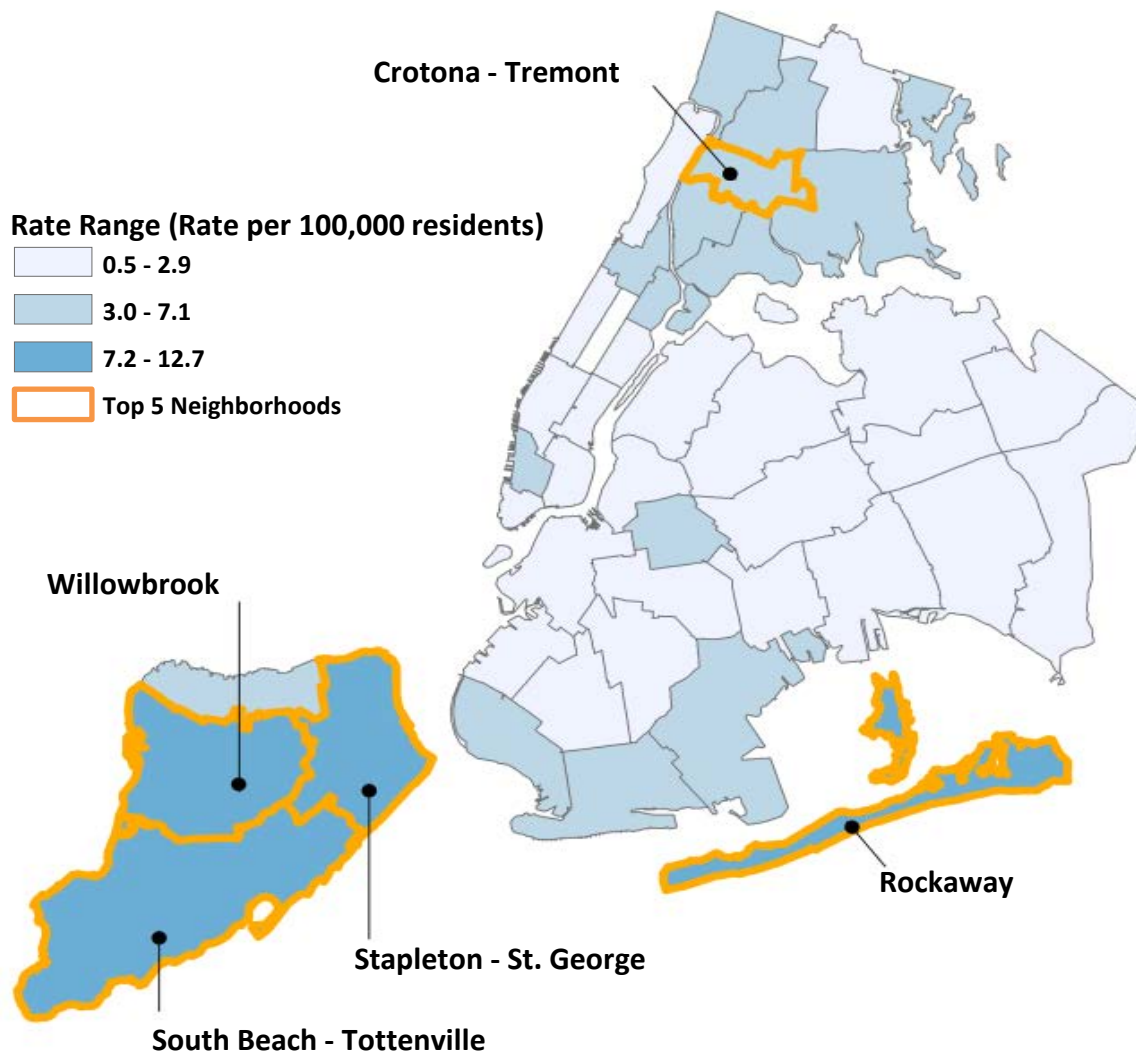
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Map 3. Top five NYC Neighborhoods: Rates of unintentional drug poisoning (overdose) deaths involving opioid analgesics by NYC neighborhood* of residence, 2011-2012

Source: Bureau of Vital Statistics/Office of the Chief Medical Examiner, New York City; analysis by Health Department's Bureau of Alcohol and Drug Use Prevention, Care and Treatment

Unintentional Poisoning Deaths Involving Opioid Analgesics by NYC Neighborhood of Residence, 2011-2012



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