



# Epi Data Tables

New York City Department of Health and Mental Hygiene

August 2011

## Drugs in New York City: Misuse, Morbidity and Mortality Update

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### Data Sources

**NSDUH:** The National Survey on Drug Use and Health (NSDUH) conducted annually by Substance Abuse and Mental Health Services Administration [SAMHSA] includes a representative sample of NYC residents aged 12 years and older. Two-year averages are presented.

**YDS:** The Youth Development Survey (YDS) conducted by the NYS Office of Alcohol Substance Abuse Services assesses risk (including substance use) and protective factors for academic success among public and private school students in grades seven through 12. Only 2008 data are presented.

**YRBS:** The Youth Risk Behavior Survey (YRBS), conducted in collaboration by the Health Department and the NYC Department of Education, is an anonymous, biennial study of NYC public high school students. Only 2009 data are presented. **YRBSS:** The Youth Risk Behavior Surveillance System 2009 is a self-administered survey of approximately 17,000 public and private school students in grades 9-12, conducted in odd years by the CDC.

**DAWN:** The Drug Abuse Warning Network (DAWN), managed by SAMHSA, is a database of drug-related visits to hospital emergency departments (EDs), including 61 NYC EDs. Data were weighted to produce citywide estimates of drug-related ED visits for 2004-2009.

**OVS/OCME:** 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 2005-2009. Rates are age adjusted to the year 2000 standard population, except those for specific age groups.

[To access the related Epi Data Brief, go to \[www.nyc.gov/html/doh/downloads/pdf/epi/databrief10.pdf\]\(http://www.nyc.gov/html/doh/downloads/pdf/epi/databrief10.pdf\)](http://www.nyc.gov/html/doh/downloads/pdf/epi/databrief10.pdf)

**Table 1. Any self-reported drug use in the past year, NYC and US, 2008-2009**

Source: NSDUH; analysis by SAMHSA

NYC Data presented as two-year average of 2008-2009

National (US) data presented for the year 2009

	NYC 2008-2009		US 2009	
	N	%	N	%
<b>Any Drug</b>	1,034,000	16.4	37,954,000	15.1
<b>Marijuana</b>	849,000	13.5	28,521,000	11.3
<b>Cocaine</b>	180,000	2.9	4,797,000	1.9
<b>Heroin</b>	6,000	0.1	605,000	0.2
<b>Opioid Analgesics</b>	263,000	4.2	12,405,000	4.9
<b>Benzodiazepines</b>	90,000	1.4	5,460,000	2.2
<b>Any Drug Except Marijuana</b>	472,000	7.5	21,000,000	8.3

**Table 2. Self-reported lifetime and past 30-day drug use among public and private students, grades seven to 12, NYC and New York State, 2008**

Source: YDS; analysis by OASAS

	NYC		NYS	
	Lifetime Use	Past 30 Day Use	Lifetime Use	Past 30 Day Use
<b>Any Drug*</b>	26.8%	14.1%	33.1%	18.0%
<b>Cocaine</b>	1.1%	0.4%	1.8%	0.5%
<b>Heroin</b>	0.5%	0.3%	1.0%	0.3%
<b>Marijuana</b>	11.1%	5.5%	19.1%	10.5%
<b>Benzodiazepines</b>	1.6%	0.6%	2.3%	0.8%
<b>Opioid Analgesics</b>	10.1%	4.7%	12.8%	5.4%

\*Not including tobacco or alcohol.

**Table 3. Self-reported lifetime and past 30-day drug use among students, grades nine to 12, NYC and US, 2009**

Sources: NYC YRBS; YRBSS - CDC

	NYC*				US**			
	Lifetime Use Percent	95% Confidence Interval	Past 30 Day Use Percent	95% Confidence Interval	Lifetime Use Percent	95% Confidence Interval	Past 30 Day Use Percent	95% Confidence Interval
<b>Cocaine</b>	4.2%	(3.7-4.9)	--	--	6.4%	(5.7-7.1)	2.8%	(2.4-3.2)
<b>Heroin</b>	2.6%	(2.1-3.2)	--	--	2.5%	(2.2-2.9)	--	--
<b>Marijuana</b>	27.1%	(24.7-29.7)	15.0%	(13.4-16.8)	36.8%	(34.8-38.8)	20.8%	(19.4-22.3)

\*NYC YRBS is administered to public schools only

\*\*US YRBSS is administered to both public and private schools

-- Data not available (questions not asked on survey).

**Table 4. Rates of drug-related misuse/abuse emergency department visits, overall and by age, NYC, 2009**

Source: DAWN; analysis by SAMHSA

2009 rates per 100,000 New Yorkers presented

	All Drugs*	Cocaine	Heroin	Marijuana	Opioid Analgesics**	Benzodiazepines
<b>Total NYC</b>	555.5	309.2	152.5	182.4	110.3	58.9
<b>Age (years)</b>						
<b>18-20</b>	613.4	89.1	57.9	478.8	38.8	43.5
<b>21-24</b>	677.4	172.0	125.0	445.8	80.0	71.1
<b>25-29</b>	713.0	292.9	169.1	355.3	103.7	80.3
<b>30-34</b>	714.1	363.0	198.8	281.4	121.9	74.1
<b>35-44</b>	1118.2	744.1	361.6	254.9	222.2	117.9
<b>45-54</b>	1102.7	767.4	332.7	177.4	250.9	103.9
<b>55-64</b>	312.1	201.0	108.4	47.3	130.1	56.9
<b>≥65</b>	42.7	27.3	13.1	7.8	28.6	16.7

\*Not including alcohol-related visits.

\*\*Methadone-related visits included in Opioid Analgesics estimate.

**Table 5. Rates of unintentional drug poisoning (overdose) deaths, NYC, 2005-2009**

Source: OVS/OCME; analysis by BADUPCT

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

	Total	Cocaine	Benzodiazepines	Heroin	Methadone	Opioid Analgesics
<b>Total</b>	10.9	6.4	3.3	5.1	3.1	2.2
<b>Gender</b>						
Male	16.9	10.0	4.9	8.3	4.5	3.2
Female	5.3	3.1	1.8	2.1	1.8	1.2
<b>Race/Ethnicity</b>						
Black	13.1	9.8	1.6	4.5	3.2	1.5
Hispanic	11.3	6.5	2.6	6.3	3.6	1.7
White	12.7	6.3	6.0	6.3	3.7	3.7
<b>Age (years)</b>						
15-24	3.0	1.5	1.5	1.6	0.6	1.1
25-34	8.1	4.6	3.1	4.8	2.0	1.8
35-44	15.2	9.5	4.7	7.5	4.4	3.0
45-54	22.8	13.7	6.4	9.8	7.1	4.0
55-64	12.7	6.7	2.9	5.2	3.6	2.2
65-84	1.7	1.0	0.2	0.4	0.3	0.3
<b>Borough of Residence</b>						
Bronx	16.2	10.1	3.7	7.7	5.4	2.5
Brooklyn	9.7	3.4	2.3	2.8	1.4	1.5
Manhattan	10.1	6.0	2.8	4.4	2.7	1.8
Queens	6.2	3.4	2.3	2.8	1.4	1.5
Staten Island	12.1	5.9	6.3	4.8	3.3	4.9
<b>Borough of Death</b>						
Bronx	17.6	11.0	4.2	8.8	5.9	2.7
Brooklyn	10.3	6.2	2.8	5.1	2.9	1.9
Manhattan	12.8	7.5	3.6	5.6	3.4	2.3
Queens	6.4	3.6	2.4	2.9	1.4	1.5
Staten Island	11.9	5.7	6.3	4.5	3.6	4.9
<b>Neighborhood Income Level</b>						
Low	15.2	9.9	3.2	7.0	4.9	2.2
Medium	8.2	4.6	2.8	3.9	2.2	1.9
High	6.7	3.4	2.9	2.8	1.5	1.9
<b>Top 5 NYC Neighborhoods*</b>						
Hunt's Point-Mott Haven	22.4	...	...	...	...	...
Fordham-Bronx Park	20.2	...	...	...	...	...
Crotona-Tremont	19.4	...	...	...	...	...
East Harlem	18.1	...	...	...	...	...
Bedford Stuyvesant-Crown Heights	16.6	...	...	...	...	...

\*The 42 United Hospital Fund neighborhoods cover all five boroughs and are aggregations of adjacent zip codes.

**Map 1. Top 5 NYC Neighborhoods: Rates of Unintentional Drug Poisoning (Overdose) by NYC neighborhood, 2005-2009**

Source: OVS/OCME; analysis by BADUPCT

**2005-09 Unintentional Drug Poisoning Death Rate by Neighborhood**

Rate Range (Rate per 100,000 population)

0.9 - 5.6

5.7 - 13.0

13.1 - 22.4

Top Neighborhoods

Borough Boundaries

