

Data Brief 384: Increase in Drug Overdose Deaths Involving Cocaine: United States, 2009–2018

Data table for Figure 1. Age-adjusted rates of drug overdose deaths involving cocaine, by sex: United States, 2009–2018

Year	Total		Male		Female	
	Number	Deaths per 100,000	Number	Deaths per 100,000	Number	Deaths per 100,000
2009	4,350	1.4	3,209	2.1	1,141	0.7
2010	4,183	1.3	3,051	2.0	1,132	0.7
2011	4,681	1.5	3,367	2.2	1,314	0.8
2012	4,404	1.4	3,142	2.0	1,262	0.8
2013	4,944	1.6	3,568	2.3	1,376	0.9
2014	5,415	1.7	3,880	2.4	1,535	1.0
2015	6,784	2.1	4,885	3.1	1,899	1.2
2016	10,375	3.2	7,493	4.7	2,882	1.8
2017	13,942	4.3	10,021	6.2	3,921	2.5
2018	14,666	4.5	10,438	6.4	4,228	2.6

NOTES: Drug overdose deaths involving cocaine are identified using the *International Classification of Diseases, 10th Revision* (ICD-10) underlying cause-of-death codes X40–X44, X60–X64, X85, and Y10–Y14 with a multiple cause-of-death code T40.5. Age-adjusted death rates were calculated using the direct method and the 2000 U.S. standard population. Deaths may involve other drugs in addition to cocaine. In 2018, there were 14,666 drug overdose deaths involving cocaine.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality File.

Data Brief 384: Increase in Drug Overdose Deaths Involving Cocaine: United States, 2009–2018

Data table for Figure 2. Rates of drug overdose deaths involving cocaine, by age group: United States, 2009–2018

Year	Age groups (years)											
	15–24		25–34		35–44		45–54		55–64		65 and over	
	Number	Deaths per 100,000	Number	Deaths per 100,000	Number	Deaths per 100,000	Number	Deaths per 100,000	Number	Deaths per 100,000	Number	Deaths per 100,000
2009	269	0.6	813	2.0	1,141	2.8	1,524	3.4	543	1.5	56	0.1
2010	265	0.6	755	1.8	1,032	2.5	1,452	3.2	598	1.6	77	0.2
2011	310	0.7	959	2.3	1,108	2.7	1,505	3.4	718	1.9	75	0.2
2012	270	0.6	827	2.0	960	2.4	1,529	3.5	720	1.9	93	0.2
2013	273	0.6	965	2.3	1,080	2.7	1,621	3.7	860	2.2	143	0.3
2014	334	0.8	1,165	2.7	1,219	3.0	1,621	3.7	912	2.3	161	0.3
2015	442	1.0	1,571	3.6	1,549	3.8	1,861	4.3	1,166	2.9	194	0.4
2016	757	1.7	2,525	5.7	2,431	6.0	2,629	6.1	1,721	4.2	303	0.6
2017	924	2.1	3,463	7.6	3,282	8.0	3,497	8.3	2,335	5.6	432	0.8
2018	859	2.0	3,571	7.8	3,561	8.6	3,431	8.2	2,676	6.3	553	1.1

NOTES: Drug overdose deaths involving cocaine are identified using the *International Classification of Diseases, 10th Revision* (ICD–10) underlying cause-of-death codes X40–X44, X60–X64, X85, and Y10–Y14 with a multiple cause-of-death code T40.5. Deaths may involve other drugs in addition to cocaine.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality File.

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Data table for Figure 3. Age-adjusted rates of drug overdose deaths involving cocaine, by race and Hispanic origin: United States, 2009–2018

Year	Non-Hispanic black		Non-Hispanic white		Hispanic	
	Number	Deaths per 100,000	Number	Deaths per 100,000	Number	Deaths per 100,000
2009	1,255	3.2	2,488	1.3	490	1.1
2010	1,204	3.1	2,432	1.2	432	0.9
2011	1,264	3.1	2,765	1.4	526	1.1
2012	1,223	3.0	2,558	1.3	499	1.0
2013	1,398	3.4	2,879	1.5	561	1.1
2014	1,409	3.4	3,351	1.7	525	1.0
2015	1,690	4.0	4,225	2.2	697	1.3
2016	2,599	6.1	6,443	3.4	1,097	2.0
2017	3,554	8.3	8,614	4.6	1,438	2.5
2018	3,961	9.0	8,666	4.6	1,712	3.0

NOTES: Drug overdose deaths involving cocaine are identified using the *International Classification of Diseases, 10th Revision* (ICD-10) underlying cause-of-death codes X40–X44, X60–X64, X85, and Y10–Y14 with a multiple cause-of-death code T40.5. Age-adjusted death rates were calculated using the direct method and the 2000 U.S. standard population. Deaths may involve other drugs in addition to cocaine.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality File.

Data Brief 384: Increase in Drug Overdose Deaths Involving Cocaine: United States, 2009–2018

Data table for Figure 4. Age-adjusted rates of drug overdose deaths involving cocaine, by concurrent involvement of opioids: United States, 2009–2018

Year	All deaths involving cocaine		Deaths with cocaine and any opioid		Deaths with cocaine and no opioid	
	Number	Deaths per 100,000	Number	Deaths per 100,000	Number	Deaths per 100,000
2009	4,350	1.4	2,210	0.7	2,140	0.7
2010	4,183	1.3	2,086	0.7	2,097	0.7
2011	4,681	1.5	2,505	0.8	2,176	0.7
2012	4,404	1.4	2,448	0.8	1,956	0.6
2013	4,944	1.6	2,831	0.9	2,113	0.7
2014	5,415	1.7	3,414	1.1	2,001	0.6
2015	6,784	2.1	4,506	1.4	2,278	0.7
2016	10,375	3.2	7,263	2.3	3,112	0.9
2017	13,942	4.3	10,131	3.2	3,811	1.1
2018	14,666	4.5	10,887	3.4	3,779	1.1

NOTES: Drug overdose deaths involving cocaine are identified using the *International Classification of Diseases, 10th Revision* (ICD-10) underlying cause-of-death codes X40–X44, X60–X64, X85, and Y10–Y14 with a multiple cause-of-death code T40.5. Deaths with concurrent involvement of opioids also have a multiple cause-of-death code of T40.0–T40.4 or T40.6. Age-adjusted death rates were calculated using the direct method and the 2000 U.S. standard population. Deaths may involve other drugs in addition to cocaine and opioids.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality File.

Data Brief 384: Increase in Drug Overdose Deaths Involving Cocaine: United States, 2009–2018

Data table for Figure 5. Age-adjusted rates of drug overdose deaths involving cocaine, by urbanicity and census region: United States, 2018

Census region	Urban		Rural	
	Number of deaths	Deaths per 100,000	Number of deaths	Deaths per 100,000
Northeast	4,349	8.5	211	5.4
Midwest	3,145	6.0	271	2.1
South	4,992	4.7	426	2.3
West	1,208	1.6	64	1.0

NOTES: Drug overdose deaths involving cocaine are identified using the *International Classification of Diseases, 10th Revision* (ICD-10) underlying cause-of-death codes X40–X44, X60–X64, X85, and Y10–Y14 with a multiple cause-of-death code T40.5. Age-adjusted death rates were calculated using the direct method and the 2000 U.S. standard population. Deaths may involve other drugs in addition to cocaine. The decedent's county of residence was classified as urban or rural based on the 2013 NCHS Urban-Rural Classification Scheme for Counties.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality File.