

**Data Brief 190: Drug-poisoning Deaths Involving Heroin: United States, 2000–2013**

**Data table for Figure 1. Age-adjusted rates for drug-poisoning deaths, by type of drug: United States, 2000–2013**

Year	Opioid analgesics		Heroin	
	Number	Deaths per 100,000	Number	Deaths per 100,000
2000	4,400	1.5	1,842	0.7
2001	5,528	1.9	1,779	0.6
2002	7,456	2.6	2,089	0.7
2003	8,517	2.9	2,080	0.7
2004	9,857	3.4	1,878	0.6
2005	10,928	3.7	2,009	0.7
2006	13,723	4.6	2,088	0.7
2007	14,408	4.8	2,399	0.8
2008	14,800	4.8	3,041	1.0
2009	15,597	5.0	3,278	1.1
2010	16,651	5.4	3,036	1.0
2011	16,917	5.4	4,397	1.4
2012	16,007	5.1	5,925	1.9
2013	16,235	5.1	8,257	2.7

NOTES: Deaths are classified using the *International Classification of Diseases, Tenth Revision*. Drug-poisoning deaths are identified using underlying cause-of-death codes X40–X44, X60–X64, X85, and Y10–Y14. Drug-poisoning deaths involving opioid analgesics are drug-poisoning deaths with a multiple cause code of T40.2, T40.3, or T40.4. Drug-poisoning deaths involving heroin are drug-poisoning deaths with a multiple cause code of T40.1. Each year a small subset of drug-poisoning deaths involved both opioid analgesics and heroin. For example, in 2013, 1,342 deaths involved both opioid analgesics and heroin. Deaths involving both opioid analgesics and heroin are included in both the rate of deaths involving opioid analgesics and the rate of deaths involving heroin. Depending on the year, 22% to 25% of drug-poisoning deaths lack information on the specific drugs involved. Some of these deaths may involve opioid analgesics or heroin.

SOURCE: CDC/NCHS, National Vital Statistics System, Mortality.

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**Data table for Figure 2. Number of drug-poisoning deaths involving heroin, by sex: United States, 2000–2013**

Year	Men		Women	
	Number	Age-adjusted rate (deaths per 100,000)	Number	Age-adjusted rate (deaths per 100,000)
2000	1,563	1.1	279	0.2
2001	1,466	1.0	313	0.2
2002	1,730	1.2	359	0.2
2003	1,722	1.2	358	0.2
2004	1,537	1.1	341	0.2
2005	1,620	1.1	389	0.3
2006	1,744	1.2	344	0.2
2007	2,000	1.3	399	0.3
2008	2,490	1.6	551	0.4
2009	2,701	1.8	577	0.4
2010	2,452	1.6	584	0.4
2011	3,519	2.3	878	0.6
2012	4,712	3.1	1,213	0.8
2013	6,525	4.2	1,732	1.2

NOTES: Deaths are classified using the *International Classification of Diseases, Tenth Revision*. Drug-poisoning deaths are identified using underlying cause-of-death codes X40–X44, X60–X64, X85, and Y10–Y14. Drug-poisoning deaths involving heroin are drug-poisoning deaths with a multiple cause code of T40.1. Depending on the year, 22% to 25% of drug-poisoning deaths lack information on the specific drugs involved. Some of these deaths may involve heroin.

SOURCE: CDC/NCHS, National Vital Statistics System, Mortality.

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**Data table for Figure 3. Rates for drug-poisoning deaths involving heroin, by selected age groups: United States, 2000–2013**

Year	18–24		25–44		45–64	
	Number	Deaths per 100,000	Number	Deaths per 100,000	Number	Deaths per 100,000
2000	210	0.8	1,098	1.3	516	0.8
2001	205	0.7	1,034	1.2	520	0.8
2002	230	0.8	1,187	1.4	650	1.0
2003	249	0.9	1,094	1.3	709	1.0
2004	250	0.9	993	1.2	607	0.9
2005	270	0.9	1,009	1.2	707	1.0
2006	302	1.0	1,029	1.2	728	1.0
2007	338	1.1	1,194	1.4	829	1.1
2008	483	1.6	1,529	1.9	989	1.3
2009	489	1.6	1,676	2.0	1,067	1.3
2010	520	1.7	1,583	1.9	897	1.1
2011	791	2.5	2,295	2.8	1,256	1.5
2012	937	3.0	3,183	3.8	1,737	2.1
2013	1,231	3.9	4,457	5.4	2,459	3.0

NOTES: Deaths are classified using the *International Classification of Diseases, Tenth Revision*. Drug-poisoning deaths are identified using underlying cause-of-death codes X40–X44, X60–X64, X85, and Y10–Y14. Drug-poisoning deaths involving heroin are drug-poisoning deaths with a multiple cause code of T40.1. Depending on the year, 22% to 25% of drug-poisoning deaths lack information on the specific drugs involved. Some of these deaths may involve heroin.  
 SOURCE: CDC/NCHS, National Vital Statistics System, Mortality.

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**Data table for Figure 4. Rates for drug-poisoning deaths involving heroin, by selected age and race and ethnicity groups: United States, 2000 and 2013**

Race and ethnicity	Age group	Year	Number	Deaths per 100,000	95% confidence interval
Non-Hispanic white	18–44	2000	900	1.2	1.1–1.3
Non-Hispanic white	18–44	2013	4,682	7.0	6.8–7.2
Non-Hispanic black	18–44	2000	161	1.1	0.9–1.3
Non-Hispanic black	18–44	2013	322	2.0	1.8–2.3
Hispanic	18–44	2000	221	1.3	1.2–1.5
Hispanic	18–44	2013	563	2.4	2.2–2.6
Non-Hispanic white	45–64	2000	308	0.6	0.6–0.7
Non-Hispanic white	45–64	2013	1,658	2.8	2.7–3.0
Non-Hispanic black	45–64	2000	129	2.0	1.7–2.3
Non-Hispanic black	45–64	2013	482	4.9	4.5–5.3
Hispanic	45–64	2000	65	1.3	1.0–1.7
Hispanic	45–64	2013	261	2.6	2.3–3.0

NOTES: Deaths are classified using the *International Classification of Diseases, Tenth Revision*. Drug-poisoning deaths are identified using underlying cause-of-death codes X40–X44, X60–X64, X85, and Y10–Y14. Drug-poisoning deaths involving heroin are drug-poisoning deaths with a multiple cause code of T40.1. Deaths for Hispanic persons are underreported by about 5%. Depending on the year, 22% to 25% of drug-poisoning deaths lack information on the specific drugs involved. Some of these deaths may involve heroin.

SOURCE: CDC/NCHS, National Vital Statistics System, Mortality.

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**Data table for Figure 5. Age-adjusted rates for drug-poisoning deaths involving heroin, by census region: United States, 2000, 2007, and 2013**

Census region	Year	Number	Deaths per 100,000	95% confidence interval
Northeast	2000	506	0.9	0.9–1.0
Northeast	2007	587	1.1	1.0–1.2
Northeast	2013	2,141	3.9	3.7–4.1
Midwest	2000	285	0.4	0.4–0.5
Midwest	2007	465	0.7	0.6–0.8
Midwest	2013	2,791	4.3	4.1–4.5
South	2000	447	0.5	0.4–0.5
South	2007	646	0.6	0.5–0.6
South	2013	1,957	1.7	1.6–1.8
West	2000	604	0.9	0.9–1.0
West	2007	701	1.0	0.9–1.1
West	2013	1368	1.8	1.7–1.9

NOTES: Deaths are classified using the *International Classification of Diseases, Tenth Revision*. Drug-poisoning deaths are identified using underlying cause-of-death codes X40–X44, X60–X64, X85, and Y10–Y14. Drug-poisoning deaths involving heroin are drug-poisoning deaths with a multiple cause code of T40.1. Depending on the year, 22% to 25% of drug-poisoning deaths lack information on the specific drugs involved. The percentage lacking information on the specific drugs involved is similar across census regions. Some of these deaths may involve heroin.

SOURCE: CDC/NCHS, National Vital Statistics System, Mortality.