

National Drug Overdose

Source: CDC WONDER, Multiple Ca

For information about this data go to

Table of Contents

TABLES
All Ages
Number Drug OD Deaths
Rate Drug OD Deaths
Ages 15-24 Years
Number Drug OD, 15-24 Years
Rate Drug OD, 15-24 Years
Demographics
Rate OD Deaths, by Demographic

Overdose (OD) Deaths, 1999-2020

Multiple Cause of Death (Detailed Mortality)

<https://wonder.cdc.gov/mcd.html>

Number of National Drug Overdose Deaths Involving Select Prescription and Illicit Drugs

Rate of National Overdose Deaths Involving Select Prescription and Illicit Drugs, Rates are Age-Adjusted per 100,000 population

Number of National Drug Overdose Deaths Involving Select Prescription and Illicit Drugs, Ages 15-24 Years Old

Rate of National Drug Overdose Deaths Involving Select Prescription and Illicit Drugs, Ages 15-24 Years Old, Rates are per 100,000 population

Rate of National Drug Overdose Deaths, by Demographic, Rates are Age-Adjusted per 100,000 population

Number of National Drug Overdose Deaths Involving Select Prescription and Illicit Drugs

All underlying causes of death*
Source: National Center on Health Statistics, CDC WONDER

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2015-2020 Fold Change
Total Overdose Deaths	16,649	17,415	19,394	25,518	25,795	27,424	29,813	34,425	36,010	36,450	37,004	38,329	41,340	45,502	43,982	47,055	52,404	63,632	70,237	67,367	70,630	91,799	1.8
Female	5,591	5,852	6,736	8,490	8,386	10,304	11,089	12,532	13,712	13,982	14,411	15,323	16,352	16,390	17,183	18,243	19,447	22,074	23,685	22,426	22,749	28,071	1.4
Male	11,758	11,563	12,658	15,028	16,399	17,120	18,724	21,893	22,298	22,468	22,593	23,006	24,988	25,112	26,799	28,812	32,957	41,558	46,552	44,941	47,881	63,728	1.9
Any Opioid¹	8,950	8,407	9,496	11,520	12,640	13,756	14,918	16,516	15,982	20,422	21,089	22,784	23,166	25,052	26,647	33,091	42,249	47,600	46,802	49,860	48,630	66,630	2.1
Female	2,057	2,204	2,767	3,760	4,138	4,643	5,161	5,945	6,581	6,819	7,287	7,734	8,325	8,432	9,055	10,217	11,420	13,751	15,263	14,724	15,225	19,970	1.7
Male	5,993	6,143	6,729	8,160	8,502	9,113	9,757	11,600	11,935	12,763	13,185	13,955	14,459	14,724	15,997	18,420	21,829	23,849	23,317	22,078	23,605	48,660	2.2
Select Opioids² AND Synthetic Opioids other than Methadone	1,677	205	225	358	383	428	485	781	642	703	923	1,002	961	944	1,219	2,493	4,806	9,299	12,556	13,491	13,596	16,465	3.4
Female	3,442	3,785	4,770	6,483	7,461	8,577	9,612	11,589	12,796	13,149	13,523	14,583	15,140	14,240	14,145	14,838	15,281	17,087	17,029	14,975	14,139	16,416	1.1
Male	1,022	1,236	1,608	2,304	2,681	3,144	3,572	4,274	4,863	4,959	5,212	5,644	6,082	5,995	6,049	6,506	6,664	7,109	7,156	6,252	5,755	6,441	1.0
Prescription Opioids AND Synthetic Opioids other than Methadone	142	167	199	322	344	384	426	573	601	655	872	939	889	861	1,015	1,489	2,263	4,055	5,444	5,417	5,876	8,626	3.8
Female	162	79	86	157	151	184	207	246	286	309	464	453	426	441	488	661	898	1,394	1,859	1,872	1,949	2,798	3.1
Male	77	301	113	165	193	200	219	327	315	346	428	486	463	416	527	828	1,366	2,661	3,585	3,545	3,927	5,828	4.3
Prescription Opioids WITHOUT Synthetic Opioids other than Methadone	3,300	3,618	4,571	6,161	7,117	8,193	9,186	11,016	12,195	12,494	12,651	13,644	14,251	13,739	13,130	13,349	13,018	13,032	13,585	9,558	8,263	7,790	0.6
Female	957	1,160	1,522	2,147	2,530	2,960	3,365	4,028	4,577	4,650	4,768	5,191	5,656	5,550	5,561	5,845	5,796	5,715	5,297	4,380	3,806	3,643	0.6
Male	2,343	2,458	3,049	4,014	4,587	5,233	5,821	6,988	7,618	7,844	7,883	8,453	8,595	7,839	7,569	7,504	7,252	7,317	8,288	5,178	4,457	4,147	0.6
Synthetic Opioids other than Methadone (primarily fentanyl)³	730	782	957	1,205	1,400	1,664	2,102	2,707	2,213	2,306	2,946	3,544	5,980	10,413	28,466	31,335	36,398	56,516	59,139	63,335	66,338	91,799	13.8
Female	330	374	447	614	643	798	823	1,030	1,053	1,083	1,445	1,440	1,247	1,195	1,431	2,079	3,020	5,578	7,942	8,807	10,076	15,250	5.0
Male	400	408	510	681	757	866	919	1,677	1,160	1,223	1,501	1,567	1,419	1,433	1,674	3,465	6,560	13,835	20,524	22,528	26,283	41,266	6.3
Heroin⁴	1,960	1,842	1,779	2,089	2,080	1,878	2,009	2,088	2,399	3,041	3,278	3,036	4,397	5,925	8,257	10,574	12,989	15,469	15,482	14,996	14,019	13,165	1.0
Female	306	279	313	359	358	341	389	344	399	551	577	584	878	1,213	1,732	2,414	3,108	3,717	3,886	3,705	3,520	3,284	1.1
Male	1,654	1,563	1,466	1,730	1,722	1,537	1,620	1,744	2,600	2,490	2,701	2,452	3,519	4,712	6,525	8,160	9,881	11,752	11,596	11,291	10,699	9,881	1.0
Heroin AND Synthetic Opioids other than Methadone	15	18	15	15	16	13	14	11	13	28	29	45	64	69	209	1,027	2,685	5,781	8,091	9,068	8,746	8,990	3.3
Female	4	7	4	5	3	6	9	25	3	13	10	8	11	19	58	275	670	1,430	2,035	2,267	2,256	2,294	3.4
Male	11	11	11	10	13	7	25	88	10	15	19	37	33	50	151	752	2,015	4,351	6,056	6,801	6,490	6,696	3.3
Heroin WITHOUT Synthetic Opioids other than Methadone	1,945	1,824	1,764	2,074	2,064	1,865	1,975	1,975	2,386	3,017	3,249	2,991	4,353	5,856	8,048	9,547	10,304	9,688	7,991	5,928	5,743	4,175	0.4
Female	302	272	309	354	353	341	389	349	399	551	577	584	878	1,213	1,732	2,414	3,108	3,717	3,886	3,705	3,520	3,284	1.1
Male	1,643	1,552	1,455	1,720	1,709	1,530	1,595	1,656	1,990	2,475	2,682	2,415	3,486	4,662	6,324	7,408	7,866	7,401	5,540	4,490	4,009	3,185	0.4
Cocaine⁵	3,622	3,544	3,833	4,599	5,199	5,443	6,028	6,512	3,229	4,350	4,183	4,681	4,404	4,944	5,415	6,784	10,375	13,942	14,666	15,883	19,447	23,817	4.2
Female	850	843	957	1,143	1,322	1,405	1,620	1,860	1,665	1,322	1,141	1,132	1,314	1,262	1,376	1,535	1,899	2,882	3,921	4,228	4,336	5,245	2.8
Male	2,772	2,701	2,876	3,456	3,877	4,038	4,588	5,588	4,847	3,807	3,042	3,051	3,367	3,142	3,568	3,880	4,885	7,493	10,021	10,438	11,547	14,202	2.9
Cocaine AND Any Opioid	1,964	1,834	1,896	2,318	2,456	2,522	2,842	3,027	3,027	2,656	2,210	2,086	2,505	2,448	2,831	3,414	4,506	7,463	10,131	10,887	11,998	15,338	3.4
Female	398	387	453	603	634	737	845	784	695	574	572	746	720	803	973	1,201	1,608	2,898	3,188	3,308	3,493	4,193	3.3
Male	1,565	1,447	1,443	1,758	1,853	1,888	2,105	2,527	2,243	1,961	1,636	1,514	1,759	1,728	2,028	2,441	3,245	5,215	7,233	7,698	8,690	11,145	3.4
Cocaine WITHOUT Any Opioid	1,858	1,710	1,947	2,281	2,743	2,921	3,366	3,765	3,485	2,473	2,140	2,097	2,176	1,956	2,113	2,001	2,278	3,112	3,811	3,779	3,885	4,109	1.8
Female	451	456	504	583	719	771	883	1,015	881	627	567	560	568	542	573	562	638	834	1,023	1,039	1,028	1,052	1.6
Male	1,407	1,254	1,443	1,698	2,024	2,150	2,483	3,061	2,604	1,846	1,573	1,537	1,608	1,414	1,540	1,439	1,640	2,278	2,788	2,740	2,857	3,057	1.9
Cocaine AND Synthetic Opioids other than Methadone	47	46	75	109	130	174	432	219	182	176	167	189	182	245	628	1,542	4,184	7,241	8,659	10,139	13,903	9.0	
Female	13	13	25	19	44	41	62	109	63	59	61	63	87	59	87	187	425	1,171	2,023	2,496	2,738	3,752	8.8
Male	34	33	50	66	65	89	112	156	123	115	104	102	123	158	441	1,117	3,013	5,168	6,163	7,401	10,151	9.1	
Cocaine WITHOUT Synthetic Opioids other than Methadone	3,775	3,498	3,758	4,534	5,090	5,313	6,034	7,016	6,233	4,947	4,174	4,016	4,492	4,222	4,699	4,787	5,242	6,191	6,701	6,007	5,744	5,544	1.1
Female	302	272	309	354	353	341	389	349	399	551	577	584	878	1,213	1,732	2,414	3,108	3,717	3,886	3,705	3,520	3,284	1.1



Rate of Nation

Rates are Age-Adju

All underlying caus

Source: National Cent

	1999	2000	2001
Total Overdose Deaths	6.1	6.2	6.8
Female	3.9	4.1	4.6
Male	8.2	8.3	9.0
Any Opioid¹	2.9	3.0	3.3
Female	1.4	1.6	1.9
Male	4.3	4.4	4.8
Prescription Opioids²	1.2	1.3	1.7
Female	0.7	0.9	1.1
Male	1.7	1.8	2.2
Prescription Opioids AND Synthetic Opioids other than Methadone	0.0	0.0	0.1
Female			
Male	0.1	0.1	0.1
Prescription Opioids WITHOUT Synthetic Opioids other than Methadone	1.2	1.3	1.6
Female			
Male	1.6	1.7	2.1
Synthetic Opioids other than Methadone (primarily fentanyl)³	0.3	0.3	0.3
Female	0.2	0.3	0.3
Male	0.3	0.3	0.4
Heroin⁴	0.7	0.7	0.6
Female	0.2	0.2	0.2
Male	1.2	1.1	1.0
Heroin AND Synthetic Opioids other than Methadone			
Female			
Male			
Heroin WITHOUT Synthetic Opioids other than Methadone			
Female			
Male			
Cocaine⁵	1.4	1.3	1.3
Female	0.6	0.6	0.7
Male	2.1	1.9	2.0
Cocaine AND Any Opioid	0.7	0.6	0.6
Female	0.3	0.3	0.3
Male	1.1	1.0	1.0
Cocaine WITHOUT Any Opioid	0.7	0.7	0.7
Female	0.3	0.3	0.4
Male	1.0	0.9	1.0
Cocaine AND Synthetic Opioids other than Methadone			
Female			

Male			
Cocaine WITHOUT Synthetic Opioids other than Methadone			
Female			
Male			
Psychostimulants With Abuse Potential (primarily methamphetamine)⁶	0.2	0.2	0.2
Female	0.1	0.1	0.1
Male	0.3	0.3	0.3
Psychostimulants With Abuse Potential AND Any Opioid	0.1	0.1	0.1
Female			
Male	0.1	0.1	0.1
Psychostimulants With Abuse Potential WITHOUT Any Opioid	0.1	0.1	0.1
Female	0.1	0.1	0.1
Male	0.2	0.2	0.2
Psychostimulants With Abuse Potential AND Synthetic Opioids other than Methadone			
Female			
Male			
Psychostimulants With Abuse Potential WITHOUT Synthetic Opioids other than Methadone			
Female			
Male			
Benzodiazepines⁷	0.4	0.5	0.6
Female	0.3	0.3	0.4
Male	0.5	0.6	0.7
Benzodiazepines AND Any Opioid	0.2	0.3	0.4
Female	0.2	0.2	0.3
Male	0.3	0.4	0.5
Benzodiazepines WITHOUT Any Opioid	0.2	0.2	0.2
Female	0.1	0.1	0.1
Male	0.2	0.2	0.2
Benzodiazepines AND Synthetic Opioids other than Methadone			0.1
Female			
Male			0.1
Benzodiazepines WITHOUT Synthetic Opioids other than Methadone			0.5
Female			
Male			0.6
Antidepressants⁸	0.6	0.6	0.7
Female	0.6	0.7	0.7
Male	0.6	0.6	0.7
Antidepressants AND Any Opioid	0.2	0.3	0.3
Female	0.2	0.3	0.3
Male	0.2	0.2	0.3
Antidepressants WITHOUT Any Opioid	0.4	0.3	0.4
Female	0.4	0.4	0.4
Male	0.4	0.4	0.4
Antidepressants AND Synthetic Opioids other than Methadone			0.1
Female		0.1	0.1
Male		0.0	0.0

Antidepressants WITHOUT Synthetic Opioids other than Methadone

0.6

Female	0.6	0.6
Male	0.6	0.7

*Includes deaths with underlying causes of unintentional drug poisoning (X40–X44), suicide drug poisoning (Y10–Y14), as coded in the International Classification of Diseases, 10th Revision. Blank fields designated by unreliable or suppressed data. For more information visit CDC WONDER.

¹ Any Opioid ICD-10 codes (T40.0-T40.4, T40.6)

² Prescription Opioids ICD-10 codes (T40.2-T40.3)

³ Other Synthetic Narcotics (other than methadone) ICD-10 code (T40.4) This category is dominated by

⁴ Heroin ICD-10 codes (T40.1)

⁵ Cocaine ICD-10 codes (T40.5)

⁶ Psychostimulants With Abuse Potential ICD-10 code (T43.6) This category is dominated by methamphetamine

⁷ Benzodiazepines ICD-10 code (T42.4)

⁸ Antidepressants ICD-10 code (T43.0-T43.2)



National Drug Overdose Deaths Involving Select Prescription and Illicit Drugs

Age-Adjusted per 100,000 population

Rate of death*

National Center on Health Statistics, CDC WONDER

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
8.2	8.9	9.4	10.1	11.5	11.9	11.9	11.9	12.3	13.2	13.1	13.8	14.7	16.3
5.8	6.4	6.9	7.3	8.2	8.8	8.9	9.1	9.6	10.2	10.2	10.6	11.1	11.8
10.6	11.5	11.8	12.8	14.8	14.9	14.9	14.8	15.0	16.1	16.1	17.0	18.3	20.8
4.1	4.5	4.7	5.1	5.9	6.1	6.4	6.6	6.8	7.3	7.4	7.9	9.0	10.4
2.6	2.8	3.1	3.4	3.9	4.3	4.4	4.6	4.9	5.2	5.3	5.6	6.3	7.1
5.7	6.1	6.3	6.6	7.8	8.0	8.4	8.7	8.7	9.4	9.5	10.2	11.7	13.7
2.3	2.6	2.9	3.2	3.9	4.2	4.3	4.4	4.7	4.9	4.5	4.4	4.6	4.7
1.6	1.8	2.1	2.4	2.8	3.2	3.2	3.3	3.6	3.8	3.7	3.7	3.9	4.0
2.9	3.3	3.7	4.1	4.9	5.3	5.4	5.5	5.8	5.9	5.3	5.1	5.2	5.4
0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.5	0.7
0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.6
0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.5	0.8
2.2	2.5	2.8	3.0	3.7	4.0	4.1	4.1	4.4	4.6	4.2	4.1	4.1	4.0
1.5	1.7	2.0	2.3	2.6	3.0	3.0	3.0	3.3	3.5	3.4	3.4	3.5	3.4
2.8	3.2	3.6	4.0	4.7	5.1	5.2	5.2	5.5	5.6	5.0	4.8	4.7	4.6
0.4	0.5	0.6	0.6	0.9	0.7	0.8	1.0	1.0	0.8	0.8	1.0	1.8	3.1
0.4	0.4	0.5	0.5	0.7	0.7	0.7	0.9	0.9	0.8	0.7	0.9	1.3	1.9
0.5	0.5	0.6	0.6	1.1	0.8	0.8	1.0	1.0	0.9	0.9	1.1	2.2	4.2
0.7	0.7	0.6	0.7	0.7	0.8	1.0	1.1	1.0	1.4	1.9	2.7	3.4	4.1
0.2	0.2	0.2	0.3	0.2	0.3	0.4	0.4	0.4	0.6	0.8	1.2	1.6	2.0
1.2	1.2	1.1	1.1	1.2	1.3	1.6	1.8	1.6	2.3	3.1	4.2	5.2	6.3
											0.1	0.3	0.9
												0.2	0.4
											0.1	0.5	1.3
											2.6	3.1	3.2
											1.2	1.4	1.6
											4.1	4.7	5.0
1.6	1.8	1.9	2.1	2.5	2.2	1.7	1.4	1.3	1.5	1.4	1.6	1.7	2.1
0.8	0.9	1.0	1.1	1.3	1.1	0.9	0.7	0.7	0.8	0.8	0.9	1.0	1.2
2.4	2.7	2.8	3.1	3.8	3.2	2.5	2.1	2.0	2.2	2.0	2.3	2.4	3.1
0.8	0.8	0.9	1.0	1.1	1.0	0.9	0.7	0.7	0.8	0.8	0.9	1.1	1.4
0.4	0.4	0.4	0.5	0.6	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.8
1.2	1.3	1.3	1.4	1.7	1.5	1.3	1.1	1.0	1.2	1.1	1.3	1.6	2.1
0.8	1.0	1.0	1.1	1.4	1.2	0.8	0.7	0.6	0.7	0.6	0.7	0.6	0.7
0.4	0.5	0.6	0.6	0.7	0.6	0.5	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1.2	1.4	1.5	1.7	2.1	1.7	1.2	1.0	1.0	1.0	0.9	1.0	0.8	1.0
				0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.5
				0.1							0.1	0.1	0.3

	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.7
				2.3	2.1	1.7	1.4	1.2	1.4	1.3	1.5	1.5	1.6
				1.2	1.1	0.9	0.7	0.7	0.8	0.8	0.8	0.9	0.9
	2.6	2.7	3.0	3.6	3.1	2.4	2.0	1.9	2.1	1.9	2.2	2.1	2.4
0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.5	0.6	0.7	0.8	1.2	1.4	1.8
0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.4	0.5	0.7	0.8	1.1
0.5	0.6	0.6	0.8	0.7	0.7	0.6	0.8	0.8	1.0	1.2	1.6	1.9	2.5
0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.6	0.7
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.5
0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.4	0.4	0.6	0.8	1.0
0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.5	0.8	0.8	1.1
0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.3	0.4	0.4	0.6
0.4	0.4	0.4	0.6	0.5	0.5	0.4	0.5	0.6	0.6	0.8	1.0	1.1	1.5
											0.1	0.1	0.2
											0.0	0.1	0.1
											0.1	0.1	0.2
											1.1	1.3	1.6
											0.7	0.7	1.0
											1.5	1.8	2.3
0.7	0.8	0.9	1.1	1.3	1.5	1.6	1.8	2.1	2.2	2.1	2.2	2.5	2.7
0.5	0.6	0.7	0.8	1.0	1.2	1.3	1.5	1.6	1.8	1.7	1.9	2.1	2.3
0.9	0.9	1.1	1.3	1.6	1.7	2.0	2.2	2.6	2.6	2.4	2.5	2.8	3.2
0.5	0.6	0.7	0.8	1.0	1.2	1.3	1.5	1.8	1.9	1.8	1.8	2.1	2.3
0.4	0.4	0.5	0.6	0.7	1.0	1.0	1.2	1.3	1.5	1.4	1.5	1.8	1.9
0.7	0.7	0.9	1.0	1.3	1.4	1.6	1.8	2.2	2.2	2.1	2.2	2.5	2.7
0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
0.1	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.4
0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.5
0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.6
0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.5
0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.3	0.2	0.2	0.3	0.4	0.7
0.6	0.7	0.8	1.0	1.2	1.4	1.4	1.6	1.9	2.0	1.9	2.0	2.1	2.1
0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.3	1.4	1.6	1.5	1.7	1.8	1.8
0.8	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.3	2.4	2.2	2.2	2.4	2.5
0.8	0.9	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5
0.9	0.9	1.0	1.0	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7	1.7
0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2
0.4	0.4	0.5	0.5	0.5	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.9
0.4	0.5	0.5	0.5	0.6	0.7	0.8	0.8	0.8	0.9	0.9	1.0	1.1	1.1
0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
0.4	0.5	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.5	0.5	0.6	0.6	0.6
0.5	0.4	0.5	0.5	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
0.3	0.4	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.3
0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2

0.7	0.8	0.8	0.8	0.9	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.3	1.2
0.8	0.8	0.9	0.9	1.1	1.1	1.1	1.1	1.2	1.3	1.3	1.4	1.4	1.4
0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.0	0.9	1.0	1.0

soning (X60–X64), homicide drug poisoning (X85), or drug poisoning of
n.

by fentanyl related overdoses.

phetamine related overdoses.

licit Drugs

2016	2017	2018	2019	2020	2015-2020 Fold Change
19.8	21.7	20.7	21.6	28.3	1.7
13.4	14.4	13.6	13.7	17.1	1.4
26.2	29.1	27.9	29.6	39.5	1.9
13.3	14.9	14.6	15.5	21.4	2.1
8.5	9.4	9.0	9.3	12.3	1.7
18.1	20.4	20.1	21.7	30.4	2.2
5.2	5.2	4.5	4.2	4.9	1.0
4.3	4.2	3.7	3.4	3.8	1.0
6.2	6.1	5.3	5.1	6.1	1.1
1.3	1.7	1.7	1.8	2.7	3.9
0.9	1.2	1.2	1.2	1.7	2.8
1.7	2.3	2.2	2.4	3.6	4.5
3.9	3.5	2.8	2.4	2.2	0.6
3.4	3.0	2.5	2.2	2.1	0.6
4.5	3.8	3.1	2.7	2.5	0.5
6.2	9.0	9.9	11.4	17.8	5.7
3.5	5.0	5.5	6.3	9.6	5.1
8.9	13.0	14.2	16.6	25.9	6.2
4.9	4.9	4.7	4.4	4.1	1.0
2.4	2.5	2.3	2.2	2.0	1.0
7.5	7.3	7.1	6.6	6.1	1.0
1.8	2.6	2.9	2.7	2.8	3.1
0.9	1.3	1.4	1.4	1.5	3.8
2.8	3.8	4.3	4.1	4.1	3.2
3.1	2.3	1.8	1.7	1.3	0.4
1.5	1.2	0.9	0.8	0.5	0.3
4.7	3.5	2.8	2.5	2.0	0.4
3.2	4.3	4.5	4.9	6.0	2.9
1.8	2.5	2.6	2.7	3.2	2.7
4.7	6.2	6.4	7.1	8.7	2.8
2.3	3.2	3.4	3.8	4.8	3.4
1.3	1.8	2.0	2.1	2.6	3.3
3.3	4.5	4.8	5.5	7.0	3.3
0.9	1.1	1.1	1.1	1.2	1.7
0.5	0.7	0.6	0.6	0.6	1.5
1.4	1.7	1.6	1.6	1.7	1.7
1.3	2.3	2.8	3.2	4.3	8.6
0.8	1.3	1.6	1.7	2.4	8.0

2.0	3.3	3.9	4.7	6.3	9.0
1.9	2.0	1.7	1.7	1.7	1.1
1.0	1.2	1.0	1.0	0.8	0.9
2.7	2.9	2.5	2.4	2.4	1.0
2.4	3.2	3.9	5.0	7.5	4.2
1.4	1.9	2.4	2.9	4.3	3.9
3.4	4.5	5.5	7.1	10.6	4.2
1.1	1.7	2.1	2.8	4.7	6.7
0.7	1.1	1.3	1.7	2.8	5.6
1.5	2.2	2.8	3.8	6.6	6.6
1.3	1.5	1.8	2.2	2.8	2.5
0.7	0.8	1.1	1.2	1.5	2.5
1.9	2.3	2.7	3.3	4.0	2.7
0.3	0.8	1.2	1.8	3.8	19.0
0.2	0.5	0.8	1.1	2.2	22.0
0.5	1.2	1.6	2.5	5.3	26.5
2.1	2.4	2.7	3.2	3.7	2.3
1.2	1.4	1.6	1.8	2.1	2.1
2.9	3.3	3.9	4.6	5.3	2.3
3.3	3.6	3.3	3.0	3.7	1.4
2.7	2.9	2.7	2.4	2.9	1.3
4.0	4.2	3.9	3.6	4.7	1.5
2.9	3.1	2.8	2.6	3.4	1.5
2.3	2.4	2.2	2.0	2.5	1.3
3.5	3.7	3.4	3.1	4.2	1.6
0.4	0.5	0.5	0.4	0.3	0.8
0.4	0.5	0.5	0.4	0.4	1.0
0.5	0.5	0.5	0.5	0.5	1.0
1.1	1.5	1.6	1.6	2.5	4.2
0.7	1.1	1.1	1.1	1.7	3.4
1.4	2.0	2.1	2.1	3.3	4.7
2.2	2.1	1.7	1.4	1.2	0.6
2.0	1.8	1.6	1.3	1.2	0.7
2.6	2.2	1.8	1.5	1.4	0.6
1.4	1.6	1.5	1.5	1.7	1.1
1.7	1.8	1.7	1.7	1.8	1.1
1.2	1.3	1.2	1.3	1.5	1.3
0.9	1.0	0.9	0.9	1.1	1.2
1.0	1.1	1.0	1.0	1.2	1.1
0.8	0.9	0.8	0.8	1.0	1.3
0.5	0.6	0.6	0.6	0.6	1.0
0.7	0.7	0.7	0.7	0.6	1.0
0.4	0.4	0.4	0.5	0.5	1.3
0.3	0.4	0.4	0.5	0.7	2.3
0.3	0.4	0.4	0.5	0.7	2.3
0.3	0.5	0.4	0.5	0.8	4.0

1.1	1.2	1.1	1.0	1.0	0.8
1.4	1.4	1.3	1.2	1.1	0.8
0.9	0.8	0.8	0.8	0.7	0.7



Number of N

All underlying cau

Source: National Cen

	1999	2000	2001
Total Overdose Deaths	1,240	1,435	1,700
Female	346	369	438
Male	894	1,066	1,262
Any Opioid¹	621	728	944
Female	141	140	203
Male	480	588	741
Prescription Opioids²	228	288	489
Female	61	69	101
Male	167	219	388
Prescription Opioids AND Synthetic Opioids other than Methadone (primarily fentanyl)		11	12
Female			
Male			10
Synthetic Opioids other than Methadone (primarily fentanyl)³	33	40	54
Female		13	15
Male	28	27	39
Heroin⁴	198	216	212
Female	38	36	42
Male	160	180	170
Heroin AND Synthetic Opioids other than Methadone (primarily fentanyl)			
Female			
Male			
Cocaine⁵	267	276	280
Female	60	72	68
Male	207	204	212
Cocaine AND Any Opioid	147	164	167
Female	34	39	42
Male	113	125	125
Cocaine AND Synthetic Opioids other than Methadone (primarily fentanyl)			
Female			
Male			
Psychostimulants With Abuse Potential (primarily methamphetamine)⁶	67	97	101
Female	26	31	36
Male	41	66	65
Psychostimulants With Abuse Potential AND Any Opioid	22	32	30

Female			
Male			
Psychostimulants With Abuse Potential AND Synthetic Opioids other than Methadone (primarily fentanyl)			
Female			
Male			
Benzodiazepines⁷	53	90	133
Female	12	22	26
Male	41	68	107
Benzodiazepines AND Any Opioid			
Female		17	19
Male	31	57	85
Benzodiazepines AND Synthetic Opioids other than Methadone (primarily fentanyl)			
		10	
Female			
Male			
Antidepressants⁸	59	68	88
Female	27	36	30
Male	32	32	58
Antidepressants AND Any Opioid			
Female			
Male			26
Antidepressants AND Synthetic Opioids other than Methadone (primarily fentanyl)			
Female			
Male			

*Includes deaths with underlying causes of unintentional drug poisoning (X40–X44), suicide drug poisoning (Y10–Y14), as coded in the International Classification of Diseases, 10th Revision. Years for which data are not provided include unreliable data. Blank fields designated by unreliable or suppressed data. For more information visit CDC WONDER.

¹ Any Opioid ICD-10 codes (T40.0-T40.4, T40.6)

² Prescription Opioids ICD-10 codes (T40.2-T40.3)

³ Synthetic Opioids other than Methadone (primarily fentanyl) ICD-10 code (T40.4) This category is dominated by methamphetamine

⁴ Heroin ICD-10 codes (T40.1)

⁵ Cocaine ICD-10 codes (T40.5)

⁶ Psychostimulants With Abuse Potential ICD-10 code (T43.6) This category is dominated by methamphetamine

⁷ Benzodiazepines ICD-10 code (T42.4)

⁸ Antidepressants ICD-10 code (T43.0-T43.2)

National Drug Overdose Deaths Involving Select Prescription and Illi

Primary causes of death*

National Center on Health Statistics, CDC WONDER

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
2,095	2,491	2,751	2,918	3,460	3,550	3,487	3,377	3,571	3,762	3,518	3,664	3,798	4,235	5,376
560	632	683	733	820	883	848	862	988	990	945	1,028	1,075	1,258	1,483
1,535	1,859	2,068	2,185	2,640	2,667	2,639	2,515	2,583	2,772	2,573	2,636	2,723	2,977	3,893
1,179	1,399	1,596	1,685	2,096	2,176	2,294	2,229	2,387	2,545	2,344	2,486	2,706	3,082	4,027
269	306	333	371	444	491	482	521	603	624	574	640	711	871	1,041
910	1,093	1,263	1,314	1,652	1,685	1,812	1,708	1,784	1,921	1,769	1,846	1,995	2,211	2,986
641	833	1,031	1,058	1,388	1,536	1,449	1,406	1,530	1,427	1,120	988	931	886	1,146
152	175	202	225	290	353	299	338	389	363	289	241	252	267	294
489	658	829	833	1,098	1,183	1,150	1,068	1,141	1,064	831	747	679	619	852
21	31	28	31	52	41	55	58	65	62	42	62	81	171	289
				14	12	11	21	26	23	10	19	27	58	88
12	23	19	27	38	29	44	37	39	39	32	43	54	113	201
84	107	121	130	278	175	190	203	229	220	172	237	514	999	1,958
22	34	26	25	66	47	48	53	77	60	35	68	138	281	524
62	73	95	105	212	128	142	150	152	160	137	169	376	718	1,434
241	259	263	279	313	359	497	510	537	809	963	1,263	1,452	1,649	1,728
56	55	57	65	57	61	96	115	118	183	241	322	373	477	453
185	204	206	214	256	298	401	395	419	626	722	941	1,079	1,172	1,275
				14							20	131	305	535
											7	42	96	160
											13	89	209	375
388	475	507	546	676	563	384	269	265	310	270	273	334	442	757
109	118	121	132	168	119	89	58	80	82	70	78	84	139	204
279	357	386	414	508	444	295	211	185	228	200	195	250	303	553
223	266	312	345	424	365	280	208	209	242	227	222	280	385	641
56	57	76	91	94	81	62	42	63	63	56	64	69	122	171
167	209	236	254	330	284	218	166	146	179	171	158	211	263	470
	14	12	19	54	23	18	14	10	12	12	12	45	121	354
													40	114
				37								32	81	240
124	165	142	196	153	142	127	147	179	199	197	303	340	416	571
34	51	43	47	46	51	31	46	73	63	63	100	103	157	183
90	114	99	149	107	91	96	101	106	136	134	203	237	259	388
39	52	39	77	72	67	59	79	91	123	94	148	204	227	334

								21	36	32	34	48	57	85	98	
								58	55	91	60	100	147	142	236	
														24	46	97
																23
														30		74
178	212	271	322	442	515	550	571	658	614	511	507	572	665	1,046		
42	53	60	83	95	145	133	147	172	158	137	133	167	189	247		
136	159	211	239	347	370	417	424	486	456	374	374	405	476	799		
146	170	237	281	387	452	486	517	605	569	479	452	514	602	931		
32	37	52	68	78	128	114	130	157	149	128	117	147	164	217		
114	133	185	213	309	324	372	387	448	420	351	335	367	438	714		
	22	14	30	40	38	40	58	59	57	51	56	89	152	377		
													25	43		92
			22	36	25	32	40	43	44	37	39	64	109	285		
102	115	147	152	126	150	157	177	198	183	159	173	206	203	200		
52	56	65	77	69	66	74	76	78	83	68	75	98	105	94		
50	59	82	75	57	84	83	101	120	100	91	98	108	98	106		
44	57	69	79	52	88	94	103	126	114	90	101	121	104	102		
	28	28	33	24	33	37	41	51	48	36	40	49	49	40		
29	29	41	46	28	55	57	62	75	66	54	61	72	55	62		
												23	30	38	35	
															21	
																20

soning (X60–X64), homicide drug poisoning (X85), or drug poisoning of n.

ominated by fentanyl related overdoses.

phetamine related overdoses.

cit Drugs, Ages 15-24 Years Old

2017	2018	2019	2020	Fold Change 2015 to 2020
5,455	4,633	4,777	7,095	1.7
1,663	1,481	1,459	1,990	1.6
3,792	3,152	3,318	5,105	1.7
4,094	3,618	3,725	5,986	1.9
1,209	1,091	1,058	1,584	1.8
2,885	2,527	2,667	4,402	2.0
1,050	790	672	812	0.9
322	242	198	220	0.8
728	548	474	592	1.0
364	352	332	480	2.8
122	117	100	139	2.4
242	235	232	341	3.0
2,655	2,640	3,040	5,393	5.4
778	799	865	1,428	5.1
1,877	1,841	2,175	3,965	5.5
1,454	1,160	876	711	0.4
423	339	280	230	0.5
1,031	821	596	481	0.4
701	623	525	474	1.6
199	178	179	160	1.7
502	445	346	314	1.5
924	859	850	1,089	2.5
291	265	236	299	2.2
633	594	614	790	2.6
792	751	743	988	2.6
259	223	203	277	2.3
533	528	540	711	2.7
564	590	646	901	7.4
188	182	179	251	6.3
376	408	467	650	8.0
780	749	909	1,316	3.2
281	294	313	444	2.8
499	455	596	872	3.4
516	513	613	1,022	4.5

198	215	210	351	4.1
318	298	403	671	4.7
266	319	428	856	18.6
97	128	148	293	#DIV/0!
169	191	280	563	18.8
1,031	899	727	1,267	1.9
298	263	208	330	1.7
733	636	519	937	2.0
942	812	662	1,156	1.9
275	236	190	292	1.8
667	576	472	864	2.0
509	522	486	1,007	6.6
153	162	140	257	6.0
356	360	346	750	6.9
231	237	239	263	1.3
111	119	127	119	1.1
120	118	112	144	1.5
125	123	128	149	1.4
51	52	55	53	1.1
74	71	73	96	1.7
71	81	86	122	3.2
26	34	35	44	2.1
45	47	51	78	#DIV/0!



All underlying c
Source: National

	1999	2000
Total Overdose Deaths	3.2	3.7
Female	1.8	1.9
Male	4.5	5.3
Any Opioid¹	1.6	1.9
Female	0.7	0.7
Male	2.4	2.9
Prescription Opioids²	0.6	0.7
Female	0.3	0.4
Male	0.8	1.1
Prescription Opioids AND Synthetic Opioids other than Methadone		
Female		
Male		
Synthetic Opioids other than Methadone (primarily fentanyl)³	0.1	0.1
Female		
Male	0.1	0.1
Heroin⁴	0.5	0.6
Female	0.2	0.2
Male	0.8	0.9
Heroin AND Synthetic Opioids other than Methadone		
Female		
Male		
Cocaine⁵	0.7	0.7
Female	0.3	0.4
Male	1.0	1.0
Cocaine AND Any Opioid	0.4	0.4
Female	0.2	0.2
Male	0.6	0.6
Cocaine AND Synthetic Opioids other than Methadone		
Female		
Male		
Psychostimulants With Abuse Potential (primarily methamphetamine)⁶	0.2	0.2
Female	0.1	0.2
Male	0.2	0.3
Psychostimulants With Abuse Potential AND Any Opioid	0.1	0.1
Female		
Male		0.1

Psychostimulants With Abuse Potential AND Synthetic Opioids other than Methadone

Female		
Male		
Benzodiazepines⁷	0.1	0.2
Female		0.1
Male	0.2	0.3
Benzodiazepines AND Any Opioid	0.1	0.2
Female		
Male	0.2	0.3
Benzodiazepines AND Synthetic Opioids other than Methadone		
Female		
Male		
Antidepressants⁸	0.2	0.2
Female	0.1	0.2
Male	0.2	0.2
Antidepressants AND Any Opioid		0.1
Female		
Male		
Antidepressants AND Synthetic Opioids other than Methadone		
Female		
Male		

*Includes deaths with underlying causes of unintentional drug poisoning (X40–X44), suicide drug poisoning (Y10–Y14), as coded in the International Classification of Diseases, 10th Revision.

Years for which data are not provided include unreliable data

Blank fields designated by unreliable or suppressed data. For more information visit CDC WONDER.

¹ Any Opioid ICD-10 codes (T40.0-T40.4, T40.6)

² Prescription Opioids ICD-10 codes (T40.2-T40.3)

³ Other Synthetic Narcotics (other than methadone) ICD-10 code (T40.4) This category is dominated

⁴ Heroin ICD-10 codes (T40.1)

⁵ Cocaine ICD-10 codes (T40.5)

⁶ Psychostimulants With Abuse Potential ICD-10 code (T43.6) This category is dominated by metha

⁷ Benzodiazepines ICD-10 code(T42.4)

⁸ Antidepressants ICD-10 code(T43.0-T43.2)

Additional Drug Overdose Deaths Involving Select Prescription and Illicit

Underlying causes of death*

Source: National Center on Health Statistics, CDC WONDER

2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
4.2	5.1	6.0	6.6	6.9	8.1	8.2	8.0	7.7	8.2	8.6	8.0
2.2	2.8	3.1	3.3	3.5	3.9	4.2	4.0	4.1	4.6	4.6	4.4
6.1	7.3	8.8	9.6	10.0	12.0	12.0	11.9	11.3	11.6	12.4	11.4
2.3	2.9	3.4	3.8	4.0	4.9	5.0	5.3	5.1	5.5	5.8	5.3
1.0	1.4	1.5	1.6	1.8	2.1	2.3	2.3	2.5	2.8	2.9	2.7
3.6	4.3	5.2	5.9	6.0	7.5	7.6	8.1	7.7	8.0	8.6	7.9
1.2	1.6	2.0	2.5	2.5	3.2	3.6	3.3	3.2	3.5	3.3	2.5
0.5	0.8	0.9	1.0	1.1	1.4	1.7	1.4	1.6	1.8	1.7	1.3
1.9	2.3	3.1	3.9	3.8	5.0	5.3	5.2	4.8	5.1	4.7	3.7
	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
								0.1	0.1	0.1	
		0.1		0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.1
0.1	0.2	0.3	0.3	0.3	0.6	0.4	0.4	0.5	0.5	0.5	0.4
	0.1	0.2	0.1	0.1	0.3	0.2	0.2	0.2	0.4	0.3	0.2
0.2	0.3	0.3	0.4	0.5	1.0	0.6	0.6	0.7	0.7	0.7	0.6
0.5	0.6	0.6	0.6	0.7	0.7	0.8	1.1	1.2	1.2	1.8	2.2
0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.6	0.9	1.1
0.8	0.9	1.0	1.0	1.0	1.2	1.3	1.8	1.8	1.9	2.8	3.2
0.7	0.9	1.1	1.2	1.3	1.6	1.3	0.9	0.6	0.6	0.7	0.6
0.3	0.5	0.6	0.6	0.6	0.8	0.6	0.4	0.3	0.4	0.4	0.3
1.0	1.3	1.7	1.8	1.9	2.3	2.0	1.3	0.9	0.8	1.0	0.9
0.4	0.5	0.6	0.7	0.8	1.0	0.8	0.6	0.5	0.5	0.6	0.5
0.2	0.3	0.3	0.4	0.4	0.5	0.4	0.3	0.2	0.3	0.3	0.3
0.6	0.8	1.0	1.1	1.2	1.5	1.3	1.0	0.7	0.7	0.8	0.8
					0.1	0.1					
					0.2						
0.3	0.3	0.4	0.3	0.5	0.4	0.3	0.3	0.3	0.4	0.5	0.4
0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.3	0.3	0.3
0.3	0.4	0.5	0.5	0.7	0.5	0.4	0.4	0.5	0.5	0.6	0.6
0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.3	0.2
								0.1	0.2	0.1	0.2
0.1	0.1	0.2	0.1	0.3	0.2	0.2	0.2	0.3	0.2	0.4	0.3

0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.3	1.3	1.5	1.4	1.2
0.1	0.2	0.3	0.3	0.4	0.5	0.7	0.6	0.7	0.8	0.7	0.6
0.5	0.6	0.7	1.0	1.1	1.6	1.7	1.9	1.9	2.2	2.0	1.7
0.3	0.4	0.4	0.6	0.7	0.9	1.0	1.1	1.2	1.4	1.3	1.1
	0.2	0.2	0.3	0.3	0.4	0.6	0.5	0.6	0.7	0.7	0.6
0.4	0.5	0.6	0.9	1.0	1.4	1.5	1.7	1.7	2.0	1.9	1.6
		0.1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
				0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2
0.2	0.2	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.5	0.4	0.4
0.2	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.3
0.3	0.2	0.3	0.4	0.3	0.3	0.4	0.4	0.5	0.5	0.4	0.4
0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.3	0.3	0.2
		0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2
0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.3	0.3	0.3	0.3	0.2

poisoning (X60–X64), homicide drug poisoning (X85), or drug poisoning of undetermined intent

ed by fentanyl related overdoses.

amphetamine related overdoses.

Drugs, Ages 15-24 Years Old

2013	2014	2015	2016	2017	2018	2019	2020	Fold Change 2010 to 2019
8.3	8.6	9.7	12.4	12.6	10.8	11.2	16.7	1.7
4.8	5.0	5.9	7.0	7.9	7.1	7.0	9.6	1.6
11.7	12.1	13.3	17.5	17.1	14.3	15.2	23.5	1.8
5.7	6.2	7.0	9.3	9.5	8.4	8.7	14.1	2.0
3.0	3.3	4.1	4.9	5.7	5.2	5.1	7.6	1.9
8.2	8.9	9.8	13.4	13.0	11.5	12.2	20.3	2.1
2.2	2.1	2.0	2.6	2.4	1.8	1.6	1.9	1.0
1.1	1.2	1.2	1.4	1.5	1.2	0.9	1.1	0.9
3.3	3.0	2.8	3.8	3.3	2.5	2.2	2.7	1.0
0.1	0.2	0.4	0.7	0.8	0.8	0.8	1.1	2.8
	0.1	0.3	0.4	0.6	0.6	0.5	0.7	2.3
0.2	0.2	0.5	0.9	1.1	1.1	1.1	1.6	3.2
0.5	1.2	2.3	4.5	6.1	6.1	7.1	12.7	5.5
0.3	0.6	1.3	2.5	3.7	3.8	4.1	6.9	5.3
0.8	1.7	3.2	6.4	8.5	8.4	10.0	18.2	5.7
2.9	3.3	3.8	4.0	3.4	2.7	2.1	1.7	0.4
1.5	1.7	2.2	2.1	2.0	1.6	1.3	1.1	0.5
4.2	4.8	5.2	5.7	4.7	3.7	2.7	2.2	0.4
0.0	0.3	0.7	1.2	1.6	1.5	1.2	1.1	1.6
	0.2	0.4	0.8	0.9	0.8	0.9	0.8	2.0
	0.4	0.9	1.7	2.3	2.0	1.6	1.4	1.6
0.6	0.8	1.0	1.7	2.1	2.0	2.0	2.6	2.6
0.4	0.4	0.7	1.0	1.4	1.3	1.1	1.4	2.0
0.9	1.1	1.3	2.5	2.9	2.7	2.8	3.6	2.8
0.5	0.6	0.9	1.5	1.8	1.7	1.7	2.3	2.6
0.3	0.3	0.6	0.8	1.2	1.1	1.0	1.3	2.2
0.7	0.9	1.2	2.1	2.4	2.4	2.5	3.3	2.8
	0.1	0.3	0.8	1.3	1.4	1.5	2.1	7.0
		0.2	0.5	0.9	0.9	0.9	1.2	6.0
	0.1	0.4	1.1	1.7	1.9	2.1	3.0	7.5
0.7	0.8	0.9	1.3	1.8	1.7	2.1	3.1	3.4
0.5	0.5	0.7	0.9	1.3	1.4	1.5	2.1	3.0
0.9	1.1	1.2	1.7	2.3	2.1	2.7	4.0	3.3
0.3	0.5	0.5	0.8	1.2	1.2	1.4	2.4	4.8
0.2	0.3	0.4	0.5	0.9	1.0	1.0	1.7	4.3
0.4	0.7	0.6	1.1	1.4	1.4	1.8	3.1	5.2

	0.1	0.1	0.2	0.6	0.7	1.0	2.0	20.0
			0.1	0.5	0.6	0.7	1.4	#DIV/0!
		0.1	0.3	0.8	0.9	1.3	2.6	26.0
1.2	1.3	1.5	2.4	2.4	2.1	1.7	3.0	2.0
0.6	0.8	0.9	1.2	1.4	1.3	1.0	1.6	1.8
1.7	1.8	2.1	3.6	3.3	2.9	2.4	4.3	2.0
1.0	1.2	1.4	2.1	2.2	1.9	1.6	2.7	1.9
0.5	0.7	0.8	1.0	1.3	1.1	0.9	1.4	1.8
1.5	1.6	1.9	3.2	3.0	2.6	2.2	4.0	2.1
0.1	0.2	0.3	0.9	1.2	1.2	1.1	2.4	8.0
	0.1	0.2	0.4	0.7	0.8	0.7	1.2	6.0
0.2	0.3	0.5	1.3	1.6	1.6	1.6	3.5	7.0
0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	1.2
0.3	0.5	0.5	0.4	0.5	0.6	0.6	0.6	1.2
0.4	0.5	0.4	0.5	0.5	0.5	0.5	0.7	1.8
0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.4	2.0
0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	1.5
0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.4	2.0
0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	3.0
		0.1		0.1	0.2	0.2	0.2	2.0
			0.1	0.2	0.2	0.2	0.4	#DIV/0!



Rate of National Drug Overdose Deaths

Rates are Age-Adjusted per 100,000

All underlying causes of death*

Source: National Center on Health Statistics

	1999	2000	2001	2002	2003
Total Overdose Deaths	6.1	6.2	6.8	8.2	8.9
Female	3.9	4.1	4.6	5.8	6.4
Male	8.2	8.3	9.0	10.6	11.5
White (Non-Hispanic)	6.2	6.6	7.4	9.2	10.2
Female	4.3	4.5	5.3	6.8	7.5
Male	8.0	8.6	9.6	11.6	12.9
Black (Non-Hispanic)	7.5	7.3	7.6	8.2	8.2
Female	4.0	4.2	4.4	5.1	5.4
Male	11.5	10.9	11.2	11.7	11.6
Asian or Pacific Islander (Non-Hispanic)	1.2	1.0	1.2	1.4	1.4
Female	1	0.8	0.8	1	1.2
Male	1.4	1.3	1.5	1.8	1.7
Hispanic	5.4	4.6	4.5	5.4	5.6
Female	2.2	2.0	2.2	2.7	2.9
Male	8.6	7.1	6.7	8.0	8.3
American Indian or Alaska Native (Non-Hispanic)	6.0	5.5	6.9	8.5	10.8
Female	5.2	4.3	6.5	7.1	9.4
Male	6.7	6.7	7.5	10.0	12.2
Any Opioid¹	2.9	3.0	3.3	4.1	4.5
Female	1.4	1.6	1.9	2.6	2.8
Male	4.3	4.4	4.8	5.7	6.1
White (Non-Hispanic)	2.8	3.1	3.7	4.7	5.2
Black (Non-Hispanic)	3.5	3.5	3.3	3.6	3.5
Asian or Pacific Islander (Non-Hispanic)	0.3	0.3	0.3	0.5	0.3
Hispanic	3.5	2.7	2.6	3.2	3.2
American Indian or Alaska Native (Non-Hispanic)	2.9	2.7	3.5	4.1	5.3
Prescription Opioids²	1.2	1.3	1.7	2.3	2.6
Female	0.7	0.9	1.1	1.6	1.8
Male	1.7	1.8	2.2	2.9	3.3
White (Non-Hispanic)	1.3	1.6	2.0	2.8	3.2
Black (Non-Hispanic)	0.8	0.8	0.9	1.2	1.1
Asian or Pacific Islander (Non-Hispanic)			0.2	0.3	0.2
Hispanic	1.6	1.1	1.1	1.4	1.5
American Indian or Alaska Native (Non-Hispanic)	1.3	1.3	2.0	2.6	3.3
Synthetic Opioids other than Methadone (primarily fenta)	0.3	0.3	0.3	0.4	0.5
Female	0.2	0.3	0.3	0.4	0.4

Male	0.3	0.3	0.4	0.5	0.5
White (Non-Hispanic)	0.3	0.3	0.4	0.6	0.6
Black (Non-Hispanic)	0.1	0.1	0.2	0.2	0.1
Asian or Pacific Islander (Non-Hispanic)					
Hispanic	0.1	0.1	0.1	0.2	0.1
American Indian or Alaska Native (Non-Hispanic)					
Heroin⁴	0.7	0.7	0.6	0.7	0.7
Female	0.2	0.2	0.2	0.2	0.2
Male	1.2	1.1	1.0	1.2	1.2
White (Non-Hispanic)	0.7	0.6	0.6	0.7	0.7
Black (Non-Hispanic)	0.8	0.9	0.8	0.9	0.8
Asian or Pacific Islander (Non-Hispanic)					
Hispanic	1.1	0.9	0.9	1.0	1.0
American Indian or Alaska Native (Non-Hispanic)					
Cocaine⁵	1.4	1.3	1.3	1.6	1.8
Female	0.6	0.6	0.7	0.8	0.9
Male	2.1	1.9	2.0	2.4	2.7
White (Non-Hispanic)	1.0	1.0	1.0	1.3	1.6
Black (Non-Hispanic)	3.7	3.3	3.6	4.0	4.1
Asian or Pacific Islander (Non-Hispanic)			0.2	0.2	0.2
Hispanic	1.7	1.3	1.3	1.5	1.6
American Indian or Alaska Native (Non-Hispanic)	0.9	1.0	1.0	1.1	1.7
Psychostimulants With Abuse Potential (primarily methamphetamine)⁶	0.2	0.2	0.2	0.3	0.4
Female	0.1	0.1	0.1	0.2	0.2
Male	0.3	0.3	0.3	0.5	0.6
White (Non-Hispanic)	0.2	0.2	0.2	0.4	0.5
Black (Non-Hispanic)	0.1			0.1	0.1
Asian or Pacific Islander (Non-Hispanic)			0.2	0.2	0.3
Hispanic	0.2	0.2	0.2	0.3	0.4
American Indian or Alaska Native (Non-Hispanic)					

¹ Any Opioid ICD-10 codes: T40.0-T40.4, T40.6

² Prescription Opioids ICD-10 codes: T40.2-T40.3

³ Synthetic Opioids other than Methadone (Primarily Fentanyl) ICD-10 Code: T40.4

⁴ Heroin ICD-10 codes: T40.1

⁵ Cocaine ICD-10 codes (T40.5)

⁶ Psychostimulants With Abuse Potential ICD-10 code (T43.6) This category is dominated by methamphetamine

Overdose Deaths, by Demographic

per 100 population

Health Statistics, CDC WONDER

2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
9.4	10.1	11.5	11.9	11.9	11.9	12.3	13.2	13.1	13.8	14.7	16.3	19.8
6.9	7.3	8.2	8.8	8.9	9.1	9.6	10.2	10.2	10.6	11.1	11.8	13.4
11.8	12.8	14.8	14.9	14.9	14.8	15.0	16.1	16.1	17.0	18.3	20.8	26.2
11.0	11.8	13.6	14.5	14.8	15.0	15.7	16.9	16.8	17.6	19.0	21.1	25.3
8.3	8.8	10.0	11.0	11.4	11.6	12.5	13.3	13.2	13.8	14.6	15.8	17.7
13.7	14.7	17.2	18.0	18.3	18.3	19.0	20.5	20.4	21.4	23.2	26.2	32.7
8.3	9.3	10.8	9.7	8.4	8.3	8.0	8.5	8.7	9.7	10.5	12.2	17.1
5.6	6.2	6.5	6.5	5.6	5.8	5.9	6.2	6.2	6.5	7.3	7.7	10.4
11.4	13.0	15.7	13.3	11.6	11.1	10.5	11.3	11.6	13.3	14.2	17.3	24.7
1.5	1.7	1.8	1.8	1.7	1.9	1.9	2.3	2.2	2.3	2.4	2.7	3.1
1.1	1.3	1.5	1.5	1.3	1.3	1.4	1.6	1.4	1.5	1.6	1.5	1.7
1.9	2.2	2.2	2.1	2.1	2.6	2.4	3.0	3.1	3.2	3.2	4.0	4.6
5.2	5.8	6.3	5.9	5.8	5.8	5.6	6.1	6.3	6.7	6.7	7.7	9.5
2.9	3.0	3.4	3.1	3.2	3.5	3.6	4.0	4.0	4.1	4.1	4.4	5.0
7.5	8.4	9.1	8.7	8.4	8.2	7.6	8.1	8.5	9.2	9.3	10.9	13.9
12.5	13.1	14.1	14.2	15.8	17.7	16.8	18.2	18.9	18.7	20.9	21.2	24.2
10.4	11.3	10.6	13.8	12.2	14.0	14.8	15.9	17.6	17.5	16.9	16.8	20.2
14.7	14.9	17.6	14.5	19.6	21.5	19.0	20.5	20.1	19.9	25.0	25.8	28.3
4.7	5.1	5.9	6.1	6.4	6.6	6.8	7.3	7.4	7.9	9.0	10.4	13.3
3.1	3.4	3.9	4.3	4.4	4.6	4.9	5.2	5.3	5.6	6.3	7.1	8.5
6.3	6.6	7.8	8.0	8.4	8.7	8.7	9.4	9.5	10.2	11.7	13.7	18.1
5.7	6.2	7.3	7.8	8.2	8.6	9.1	9.7	9.8	10.5	12.0	13.9	17.5
3.2	3.4	4.2	3.6	3.4	3.6	3.4	3.8	4.0	4.7	5.6	6.6	10.3
0.4	0.6	0.5	0.5	0.6	0.6	0.7	0.8	0.9	0.8	0.9	1.1	1.5
2.9	3.0	3.3	3.2	3.4	3.2	2.9	3.3	3.5	3.8	4.0	4.6	6.1
6.2	6.9	7.1	7.8	9.3	11.3	9.4	10.3	11.0	10.6	12.0	12.1	13.9
2.9	3.2	3.9	4.2	4.3	4.4	4.7	4.9	4.5	4.4	4.6	4.7	5.2
2.1	2.4	2.8	3.2	3.2	3.3	3.6	3.8	3.7	3.7	3.9	4.0	4.3
3.7	4.1	4.9	5.3	5.4	5.5	5.8	5.9	5.3	5.1	5.2	5.4	6.2
3.7	4.1	5.0	5.6	5.7	5.8	6.4	6.6	6.0	5.9	6.2	6.4	7.0
1.4	1.6	1.8	1.8	1.8	1.9	2.0	2.0	2.0	2.2	2.5	2.6	3.3
0.3	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.6	0.5	0.5	0.5	0.7
1.4	1.5	1.8	1.9	1.9	1.7	1.7	1.8	1.8	1.9	1.8	1.8	2.1
4.2	4.7	4.7	5.2	6.1	7.8	7.2	7.1	7.5	7.1	7.2	7.0	6.5
0.6	0.6	0.9	0.7	0.8	1.0	1.0	0.8	0.8	1.0	1.8	3.1	6.2
0.5	0.5	0.7	0.7	0.7	0.9	0.9	0.8	0.7	0.9	1.3	1.9	3.5

0.6	0.6	1.1	0.8	0.8	1.0	1.0	0.9	0.9	1.1	2.2	4.2	8.9
0.7	0.8	1.1	1.0	1.0	1.2	1.3	1.2	1.1	1.3	2.4	4.2	8.2
0.2	0.2	1.0	0.2	0.2	0.3	0.4	0.3	0.3	0.5	1.1	2.1	5.6
							0.1		0.1	0.2	0.2	0.6
0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.6	0.9	2.7
0.9	1.1	1.2	0.9	1.8	2.4	1.2	1.4	1.6	1.2	1.7	2.0	4.1
0.6	0.7	0.7	0.8	1.0	1.1	1.0	1.4	1.9	2.7	3.4	4.1	4.9
0.2	0.3	0.2	0.3	0.4	0.4	0.4	0.6	0.8	1.2	1.6	2.0	2.4
1.1	1.1	1.2	1.3	1.6	1.8	1.6	2.3	3.1	4.2	5.2	6.3	7.5
0.7	0.7	0.8	0.9	1.2	1.3	1.2	1.8	2.5	3.4	4.4	5.4	6.3
0.6	0.8	0.7	0.8	0.8	0.9	0.8	1.0	1.3	2.0	2.5	3.1	4.5
							0.2	0.2	0.3	0.3	0.5	0.5
0.7	0.8	0.8	0.8	1.0	1.0	0.8	1.0	1.3	1.6	1.9	2.3	2.8
			0.9		1.3	1.1	1.8	1.7	2.7	3.7	4.4	5.0
1.9	2.1	2.5	2.2	1.7	1.4	1.3	1.5	1.4	1.6	1.7	2.1	3.2
1.0	1.1	1.3	1.1	0.9	0.7	0.7	0.8	0.8	0.9	1.0	1.2	1.8
2.8	3.1	3.8	3.2	2.5	2.1	2.0	2.2	2.0	2.3	2.4	3.1	4.7
1.7	1.9	2.3	2.0	1.6	1.3	1.2	1.4	1.3	1.5	1.7	2.2	3.4
4.3	4.9	5.6	4.7	3.4	3.2	3.1	3.1	3.0	3.4	3.4	4.0	6.1
0.2	0.2	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4
1.4	1.7	1.9	1.6	1.3	1.1	0.9	1.1	1.0	1.1	1.0	1.3	2.0
1.6	2.3	1.6	2.1	1.5	1.8	1.9	1.6	1.5	1.3	1.4	1.6	2.1
0.4	0.5	0.5	0.4	0.4	0.5	0.6	0.7	0.8	1.2	1.4	1.8	2.4
0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.4	0.5	0.7	0.8	1.1	1.4
0.6	0.8	0.7	0.7	0.6	0.8	0.8	1.0	1.2	1.6	1.9	2.5	3.4
0.5	0.6	0.6	0.6	0.5	0.6	0.7	0.9	1.0	1.4	1.7	2.2	3.0
0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.3	0.4	0.5	0.8	1.2
0.2	0.3	0.3	0.2	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.7	0.8
0.4	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.6	0.9	1.0	1.4	1.5
1.3	1.5	1.2	0.9	1.1	1.2	1.5	2.4	2.6	3.5	4.5	5.4	6.9

amphetamine related overdoses.

2017	2018	2019	2020	Fold Change 2015 to 2020
21.7	20.7	21.6	28.3	1.7
14.4	13.6	13.7	17.1	1.4
29.1	27.9	29.6	39.5	1.9
27.5	25.7	25.9	32.8	1.6
19.1	17.8	17.5	21.3	1.3
35.8	33.5	34.2	44.2	1.7
20.6	21.1	24.5	35.4	2.9
11.7	11.6	13.4	18.8	2.4
30.8	32.0	37.2	54.1	3.1
3.5	3.7	3.9	5.5	2.0
1.9	2.1	1.9	2.7	1.8
5.3	5.4	6.1	8.5	2.1
10.6	11.0	12.7	17.6	2.3
5.1	5.2	5.7	7.5	1.7
15.9	16.6	19.5	27.3	2.5
25.7	27.0	30.0	41.9	2.0
20.1	20.2	23.2	32.0	1.9
31.5	34.0	36.9	52.1	2.0
14.9	14.6	15.5	21.4	2.1
9.4	9.0	9.3	12.3	1.7
20.4	20.1	21.7	30.4	2.2
19.4	18.6	19.0	25.2	1.8
12.9	14.0	17.1	26.3	4.0
1.6	1.5	1.7	3.0	2.7
6.8	7.5	8.8	13.1	2.8
15.7	14.2	17.7	27.4	2.3
5.2	4.5	4.2	4.9	1.0
4.2	3.7	3.4	3.8	1.0
6.1	5.3	5.1	6.1	1.1
6.9	6.0	5.5	6.3	1.0
3.5	3.3	3.5	4.7	1.8
0.6	0.5	0.4	0.6	1.2
2.2	2.0	2.0	2.5	1.4
7.2	4.7	5.4	6.3	0.9
9.0	9.9	11.4	17.8	5.7
5.0	5.5	6.3	9.6	5.1

13.0	14.2	16.6	25.9	6.2
11.9	12.6	13.8	20.7	4.9
9.0	11.0	14.2	23.8	11.3
0.8	1.0	1.2	2.5	12.5
3.7	4.7	6.3	10.7	11.9
6.5	7.3	10.7	20.8	10.4
4.9	4.7	4.4	4.1	1.0
2.5	2.3	2.2	2.0	1.0
7.3	7.1	6.6	6.1	1.0
6.1	5.8	5.2	4.8	0.9
4.9	4.9	5.0	5.0	1.6
0.5	0.4	0.5	0.6	1.2
2.9	3.1	3.1	3.0	1.3
5.2	5.1	5.5	5.3	1.2
4.3	4.5	4.9	6.0	2.9
2.5	2.6	2.7	3.2	2.7
6.2	6.4	7.1	8.7	2.8
4.6	4.6	4.6	5.4	2.5
8.3	9.0	10.7	14.0	3.5
0.6	0.6	0.7	1.0	3.3
2.5	3.0	3.4	4.4	3.4
2.5	3.3	3.7	5.3	3.3
3.2	3.9	5.0	7.5	4.2
1.9	2.4	2.9	4.3	3.9
4.5	5.5	7.1	10.6	4.2
4.2	5.0	6.4	9.4	4.3
1.6	2.2	3.0	5.2	6.5
1.0	1.3	1.5	2.0	2.9
2.0	2.5	3.1	4.7	3.4
8.5	10.8	12.9	17.9	3.3

Data Brief 81: Drug Poisoning Deaths in the United States, 1980–2008

Data table for Figure 1. drug poisoning death rates: United States, 1980–2008

	Number	Deaths per 100,000 population
1980	6,094	2.7
1981	6,227	2.7
1982	6,299	2.7
1983	6,445	2.8
1984	6,723	2.8
1985	7,082	3.0
1986	7,969	3.3
1987	7,920	3.3
1988	9,031	3.7
1989	9,275	3.8
1990	8,413	3.4
1991	9,392	3.7
1992	10,604	4.1
1993	12,133	4.7
1994	12,714	4.8
1995	12,779	4.8
1996	13,227	4.9
1997	14,445	5.3
1998	15,315	5.5
1999	16,849	6.0
2000	17,415	6.2
2001	19,394	6.8
2002	23,518	8.2
2003	25,785	8.9
2004	27,424	9.3
2005	29,813	10.1
2006	34,425	11.5
2007	36,010	11.9
2008	36,450	12.0
2009	37,004	
2010	38,329	
2011	41,340	
2012	41,502	
2013	43,982	
2014	47,055	
2015	52,404	
2016	63,632	
2017	70,237	
2018	67,367	
2019	70,630	
	852,867	

NOTE: Deaths were classified using the International Classification of Diseases, Tenth Revision (ICD-10) in 1999–2008 and using X85–X90, Y10–Y19, Y35.2, or

*U01(.6-.7) and ICD-9 UCODs are: E850.0–E869.9, E950.0–E952.9, E962(.0-.9), E980.0–E982.9, E972. Drug poisoning ICD–10 UC ICD–10 UCODs are: V30-V39 (.4-.9), V40-V49 (.4-.9), V50-V59 (.4-.9), V60-V69 (.4-.9), V70-V79 (.4-.9), V81.1 V82.1,V83-V86 (.0-. V20-V28 (.3-.9),V29 (.4-.9),V12-V14 (.3-.9),V19 (.4-.6), V02-V04 (.1,.9),V09.2,V80 (.3-. .5),V87(.0-.8),V89.2 and ICD-9 UCODs are: E810.0–E819.9, E958.5, E988.5. When the ICD-10 replaced ICD-9 in 1999, approximately 5% fewer deaths were classified as motor vehicle deaths and 2% more deaths were clas

SOURCE: CDC/NCHS, National Vital Statistics System.

Data Brief 81: Drug Poisoning Deaths in the United States, 1980–2008

Data table for Figure 2. Age-adjusted poisoning death rates: Comparison of state and U.S. rates: United States, 2008

State	Poisoning death Leading cause of injury death
United States	Poisoning
Alabama	Motor Vehicle Traffic
Alaska	Poisoning
Arizona	Poisoning
Arkansas	Motor Vehicle Traffic
California	Poisoning
Colorado	Poisoning
Connecticut	Poisoning
Delaware	Poisoning
District of Columbia	Firearm
Florida	Poisoning
Georgia§	§
Hawaii	Poisoning
Idaho	Motor Vehicle Traffic
Illinois	Poisoning
Indiana	Poisoning
Iowa	Motor Vehicle Traffic
Kansas	Motor Vehicle Traffic
Kentucky	Poisoning
Louisiana	Motor Vehicle Traffic
Maine	Poisoning
Maryland	Poisoning
Massachusetts	Poisoning
Michigan	Poisoning
Minnesota	Poisoning
Mississippi	Motor Vehicle Traffic
Missouri	Motor Vehicle Traffic
Montana	Motor Vehicle Traffic
Nebraska	Motor Vehicle Traffic
Nevada	Poisoning
New Hampshire	Poisoning
New Jersey	Poisoning
New Mexico	Poisoning
New York	Poisoning
North Carolina	Motor Vehicle Traffic
North Dakota	Motor Vehicle Traffic
Ohio	Poisoning
Oklahoma	Motor Vehicle Traffic

Oregon	Poisoning
Pennsylvania	Poisoning
Rhode Island	Poisoning
South Carolina	Motor Vehicle Traffic
South Dakota	Motor Vehicle Traffic
Tennessee	Motor Vehicle Traffic
Texas	Motor Vehicle Traffic
Utah	Poisoning
Vermont	Poisoning
Virginia	Motor Vehicle Traffic
Washington	Poisoning
West Virginia	Poisoning
Wisconsin	Poisoning
Wyoming	Motor Vehicle Traffic

NOTE: § The cause of death was inconclusive for a high percentage of deaths in Georgia at the close of the 2008 final mortality file. The manne investigations, including poisoning deaths, are among causes that remain pending at the close of the file. Thus, the poisoning death rate for Georgia is based on deaths from X90, Y10-Y19, Y35.2, or *U01(.6-.7). Drug poisoning ICD-10 UCODs are: X40-X44, X60-X64, X85, Y10-Y14.

SOURCE: CDC/NCHS, National Vital Statistics System.

Data Brief 81: Drug Poisoning Deaths in the United States, 1980–2008

Data table for Figure 3. Number of drug poisoning deaths involving opioid analgesics and other drugs: United States
 Drugs involved in drug poisoning deaths

Year	Any opioid analgesic
1999	4,030
2000	4,400
2001	5,528
2002	7,456
2003	8,517
2004	9,857
2005	10,928
2006	13,723
2007	14,408
2008	14,800

NOTE: Drug categories are mutual

include natural and semi-synthetic opioid analgesics (e.g. morphine, oxycodone, hydrocodone) and synthetic opioid analgesics.

Drug poisoning ICD–10 underlying cause of death codes are: X40- X44, X60-X64, X85, Y10-Y14. Among deaths with analgesic (any of the codes T40.2- T40.4); specified drug(s) other than opioid analgesic (any of the codes T36–T50.

SOURCE: CDC/NCHS, National Vital Statistics System.

Data Brief 81: Drug Poisoning Deaths in the United States, 1980–2008

Data table for Figure 4. Number of drug poisoning deaths involving opioid analgesic by opioid analgesic category: l

Opioid analgesic involved in drug poisoning deaths	
Year	Natural and semi-synthetic opioid analgesic
1999	2,749
2000	2,917
2001	3,479
2002	4,416
2003	4,867
2004	5,231
2005	5,774
2006	7,017
2007	8,158
2008	9,119

NOTE: Opioid analgesic categories are not mutually exclusive. Deaths involving more than one opioid analgesic category include hydrocodone and synthetic opioid analgesics include fentanyl. Drug poisoning deaths ICD–10 underlying cause of death ICD-10 codes indicate the type of drug(s) involved: natural and semi-synthetic opioid analgesic (T40.2); methadone

SOURCE: CDC/NCHS, National Vital Statistics System.

Data Brief 81: Drug Poisoning Deaths in the United States, 1980–2008

Data table for Figure 5. Drug poisoning death rates by age: United States, 1999–2008

		1999
Age (years)		
	Under 15	0.1
	15-24	3.2
	25-34	8.1
	35-44	14.0
	45-54	11.1
	55-64	4.2
65 and	over	2.7

NOTE: Drug poisoning ICD–10 underlying cause of death codes are X40-X44, X60-X64, X85, Y10-Y14.

SOURCE: CDC/NCHS, National Vital Statistics System.

538	13.8	Similar
2,031	16.4	Higher
212	19.9	Higher
618	13.8	Similar
72	9.6	Lower
1,039	16.4	Higher
2,248	9.4	Lower
526	20.8	Higher
83	12.3	Similar
802	10.1	Lower
1,122	16.4	Higher
492	27.6	Higher
691	12.0	Lower
98	18.6	Higher

er of death was pending for 8.8% of deaths and was assigned an ill-defined cause in 3.5% of deaths for Georgia. Causes of death which require lengthy
 orgia may not be based on the final numbers of poisoning deaths. Poisoning ICD-10 underlying cause of death codes (UCOD) are: X40-X49, X60-X69, X85-

es, 1999-2008

Specified drug(s) other than opioid	Only non- analgesic	specified drug(s)
<hr/>		
Number of deaths		
	9,253	3,566
	9,073	3,942
	9,446	4,420
	10,774	5,288
	11,358	5,910
	11,314	6,253
	12,063	6,822
	12,738	7,964
	12,746	8,856
	12,408	9,242

ally exclusive. Opioid analgesics

id analgesics (e.g. methadone, fentanyl). Some deaths in which the drug was poorly specified or unspecified may involve

1 drug poisoning as the underlying cause, the following ICD-10 codes indicate the type of drug(s) involved: any opioid
 .8 other than T40.2–T40.4); only nonspecified drug(s) (only T50.9).

United States, 1999–2008

	Methadone	Synthetic opioid analgesic, excluding methadone
Number of deaths		
	784	730
	986	782
	1,456	957
	2,358	1,295
	2,972	1,400
	3,845	1,664
	4,460	1,742
	5,406	2,707
	5,518	2,213
	4,924	2,306

category are counted multiple times. Natural and semi-synthetic opioid analgesics include morphine, oxycodone and death codes are: X40-X44, X60-X64, X85, Y10-Y14. Among deaths with drug poisoning as the underlying cause, the following (T40.3); synthetic opioid analgesic, excluding methadone (T40.4).

2000	2001	2002	2003	2004	2005	2006	2007	2008
	Deaths per		100,00	0 population				
0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3.7	4.3	5.2	6.0	6.6	6.9	8.2	8.4	8.2
7.9	8.6	10.3	11.3	11.7	13.3	15.7	16.4	16.5
14.3	15.5	18.0	18.8	19.1	19.4	21.5	21.2	20.9
11.6	13.1	16.1	18.0	19.3	21.1	24.1	25.1	25.3
4.2	4.7	6.0	7.0	7.9	9.1	10.6	12.4	13.0
2.4	2.6	3.0	3.0	3.0	3.3	3.5	3.8	4.1