

APPENDIX

Source Notes: Drug-Related Deaths – International

Country	Mortality type	Over-dose/ drug-related deaths	Total population*	Deaths per 1,000,000 total population (unadjusted)	Over-dose/ drug-related deaths	Total population*	Deaths per 1,000,000 total population (unadjusted)	Over-dose/ drug-related deaths	Total population*	Deaths per 1,000,000 total population (unadjusted)	Over-dose/ drug-related deaths	Deaths per 1,000,000 total population (unadjusted)	Over-dose/ drug-related deaths	Deaths per 1,000,000 total population (unadjusted)	Over-dose/ drug-related deaths	Deaths per 1,000,000 total population (unadjusted)	Percent change in mortality <i>total</i>	Percent change in mortality <i>total</i>	Deaths (any age) per 1,000,000 population ages 15–64 (unadjusted)
		2024	2024	2024	2023	2023	2023	2022	2022	2022	2021	2021	2020	2020	2019	2019	2023 to 2024	2019 to 2024	2024
Argentina	Drug overdose deaths	177	46,301,743	3.8	134	46,214,462	2.9	135	46,234,830	2.9	97	2.1	85	1.9	59	1.3	32%	200%	5.8
Sources: Mortality — Ministerio de Salud de la Nacion, Argentina (received Mar. 25, 2026). Population — <i>Estimated population as of July 1 of each calendar year by sex. Years 2010–2040</i> (National projections, Instituto Nacional de Estadística y Censos).																			
Australia	Drug overdose deaths	1,939	27,194,286	71.3	1,767	26,659,922	66.3	1,838	26,014,399	70.7	1,803	70.2	1,919	74.8	1,921	75.8	10%	1%	109.5
Sources: Mortality — <i>Trends in Overdose and Other Drug-Induced Deaths in Australia, 2005–2024</i> (National Illicit Drug Indicators Project, July 2026). Population — <i>Population — states and territories</i> (Australian Bureau of Statistics, Dec. 2025).																			
Austria***	Drug-induced death	257	9,177,915	28.0	256	9,130,730	28.0	248	9,052,870	27.4	235	26.3	191	21.4	196	22.1	0%	31%	42.7
Sources: Mortality — <i>Total number of deaths, national definition</i> (European Union Drugs Agency, June 2026). Population — <i>Annual average population</i> (Statistics Austria, May 2025).																			
Brazil	Drug overdose deaths	2,425	212,583,750	11.4	1,999	211,695,000	9.4	1,882	212,583,750	8.9	1,807	8.5	1,684	8.0	1,454	6.9	21%	67%	16.5
Sources: Mortality — <i>ICD-10 Mortality Monitoring Panel</i> (Department of Epidemiological Analysis and Surveillance of Noncommunicable Diseases, Mortality Information System, Aug. 2025). Population — <i>Population Estimates</i> (IBGE, 2024).																			
Canada**	Apparent opioid toxicity deaths	7,326	41,262,329	177.5	8,040	40,049,088	200.8	7,256	38,939,056	186.3	7,577	198.1	6,183	162.6	3,598	95.6	-9%	104%	269.7
Sources: Mortality — <i>Opioid and Stimulant-Related Harms in Canada</i> (Health Canada, June 2026). Population — <i>Population Estimates on July 1, by age and gender</i> (Statistics Canada, Sept. 2025).																			

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		2024	2024	2024	2023	2023	2023	2022	2022	2022	2021	2021	2020	2020	2019	2019	2023 to 2024	2019 to 2024	2024
Chile	Drug overdose deaths	1,458	48,821,936	29.9	1,574	48,320,520	32.6	1,472	47,781,354	30.8	1,339	28.3	1,333	28.2	1,104	23.4	-7%	32%	45.0
Sources: Mortality — <i>Underlying Cause of Death, National results</i> (Instituto Nacional de Estadística, Dec. 2025). Population — <i>Resident population by date, sex and age (since 1971)</i> (Instituto Nacional de Estadística, Feb. 2025).																			
Colombia	Drug overdose deaths	270	52,613,753	5.1	269	52,117,067	5.2	319	51,874,032	6.1	291	5.7	302	6.0	298	6.0	0%	-9%	7.6
Sources: Mortality — <i>Demography and population</i> (Archivo Nacional de Datos, Feb. 2026). Population — <i>Population Projections</i> (DANE, July 2025).																			
Croatia***	Drug-induced death	71	3,866,233	18.4	93	3,859,686	24.1	102	3,855,641	26.5	77	19.9	99	25.3	97	23.9	-24%	-27%	29.1
Sources: Mortality — <i>Total number of deaths, national definition</i> (European Union Drugs Agency, June 2026). Population — <i>Population Estimate of the Republic of Croatia, 2024</i> (Croatian Bureau of Statistics, Aug. 2025).																			
Czechia***	Drug-induced death	73	10,909,500	6.7	75	10,900,555	6.9	64	10,827,529	Unreliable	64	Unreliable	58	Unreliable	42	Unreliable	-3%	74%	10.5
Sources: Mortality — <i>Total number of deaths, national definition</i> (European Union Drugs Agency, June 2026). Population — <i>Data and time series</i> (Czech Statistical Office, May 2025).																			
Denmark***	Drug-induced death	183	5,961,249	30.7	184	5,932,654	31.0	218	5,873,420	37.1	188	32.2	199	34.2	203	35.0	-1%	-10%	48.3
Sources: Mortality — <i>Total number of deaths, national definition</i> (European Union Drugs Agency, June 2026). Population — <i>Population figures</i> (Statistics Denmark, July 2026)).																			
Ecuador	Drug overdose deaths	37	17,966,573	2.1	51	17,834,831	2.9	38	17,715,301	2.1	45	2.6	38	2.2	49	2.8	-27%	-24%	3.1
Sources: Mortality — Commonwealth Fund analysis of World Health Organization Mortality Database (Feb. 2026). Population — <i>Population Estimates and Projections</i> (INEC, 2026).																			
Estonia	Drug-related deaths	100	1,374,687	72.7	113	1,365,884	82.7	80	1,331,796	60.1	39	29.3	31	23.3	27	20.4	-12%	270%	118.8
Sources: Mortality — Tervise Arengu Instituut, Estonia (received Mar. 25, 2026). Population — <i>Statistical Database</i> (Statistics Estonia, Jan. 2026).																			

Country	Mortality type	Over-dose/ drug-related deaths	Total population*	Deaths per 1,000,000 total population (unadjusted)	Over-dose/ drug-related deaths	Total population*	Deaths per 1,000,000 total population (unadjusted)	Over-dose/ drug-related deaths	Total population*	Deaths per 1,000,000 total population (unadjusted)	Over-dose/ drug-related deaths	Deaths per 1,000,000 total population (unadjusted)	Over-dose/ drug-related deaths	Deaths per 1,000,000 total population (unadjusted)	Over-dose/ drug-related deaths	Deaths per 1,000,000 total population (unadjusted)	Percent change in mortality <i>total</i>	Percent change in mortality <i>total</i>	Deaths (any age) per 1,000,000 population ages 15–64 (unadjusted)
		2024	2024	2024	2023	2023	2023	2022	2022	2022	2021	2021	2020	2020	2019	2019	2023 to 2024	2019 to 2024	2024
Finland***	Drug-induced death	247	5,635,971	43.8	310	5,603,851	55.3	250	5,563,970	44.9	287	51.7	258	46.6	234	42.4	-20%	6%	72.0
Sources: Mortality — Total number of deaths, national definition (European Union Drugs Agency, June 2026). Population — 11ra -- Key figures on population by region, 1990–2024 (Statistics Finland, Apr. 2025).																			
France	Drug-induced deaths	659	68,745,187	9.6	732	68,521,610	10.7	638	68,232,525	9.4	627	9.2	567	8.4	503	7.5	-10%	31%	15.6
Sources: Mortality — Deaths Related to Drug and Substance Abuse (Agence nationale de sécurité du médicament et des produits de santé DRAMES Survey, June 2026). Population — Demography – Average population of the year (French National Institute of Statistics and Economic Studies, Jan. 2026).																			
Georgia^	Drug overdose deaths	20	3,694,608	5.4	26	3,736,357	7.0	44	3,712,502	11.9	N/A	N/A	N/A	N/A	N/A	N/A	-23%	-	8.4
Sources: Mortality — Commonwealth Fund analysis of World Health Organization Mortality Database (Feb. 2026). Population — Population (National Statistics Office of Georgia, 2026).																			
Germany	Drug-related deaths	2,137	83,577,140	25.6	2,227	84,482,267	26.4	1,990	84,079,811	23.7	1,826	22.0	1,581	19.0	1,398	16.8	-4%	53%	40.3
Sources: Mortality — Commisioner of the Federal Government for Drug and Addiction Policy (July 2025). Population — Population by nationality and sex (quality figures) (Statistisches Bundesamt, Destatis, 2024).																			
Guam (Guåhan)	Drug overdose deaths	19	167,777	113.2	30	166,506	180.2	Sup-pressed	165,180	Unreliable	Sup-pressed	Unreliable	Sup-pressed	Unreliable	Sup-pressed	Unreliable	-37%	-	184.4
Sources: Mortality — U.S. Territories Mortality Multiple Cause Files (National Center for Health Statistics, Feb. 2026). Population — Population, total – Guam (World Bank Group).																			
Hong Kong	Drug overdose deaths	186	7,498,900	24.8	195	7,524,100	25.9	100	7,346,100	13.6	109	14.7	172	23.2	151	20.1	-5%	23%	37.0
Sources: Mortality — Commonwealth Fund analysis of World Health Organization Mortality Database (Feb. 2026). Population — Table 110-01001: Population by Sex and Age Group (Census and Statistics Department, Feb. 2026).																			
Italy***	Drug-induced death	231	58,971,230	3.9	227	58,997,201	3.8	298	59,030,133	5.0	296	5.0	309	5.2	374	6.3	2%	-38%	6.2
Sources: Mortality — Total number of deaths, national definition (European Union Drugs Agency, June 2026). Population — Population (Istat, 2026).																			

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		2024	2024	2024	2023	2023	2023	2022	2022	2022	2021	2021	2020	2020	2019	2019	2023 to 2024	2019 to 2024	2024
Japan	Drug overdose deaths	844	123,802,000	6.8	831	124,352,000	6.7	771	125,125,000	6.2	762	6.1	670	5.3	706	5.6	2%	20%	11.4
Sources: Mortality — <i>Deaths by causes</i> (the list of three-character categories), sex and age (5-year age groups):Japan, 2024 (Statistics of Japan, Sep. 2025). Population — <i>Population Estimates, Annual Report, Yearly</i> (Statistics of Japan, Apr. 2025).																			
Kazakhstan^	Drug overdose deaths	120	20,033,842	6.0	122	19,766,807	6.2	142	19,503,159	7.3	120	6.4	115	6.2	164	8.9	-2%	-27%	9.7
Sources: Mortality — Commonwealth Fund analysis of World Health Organization Mortality Database (Feb. 2026). Population — <i>Dynamic tables</i> (Bureau of National Statistics, Mar. 2026).																			
Latvia***	Drug-induced death	77	1,878,575	41.0	154	1,895,239	81.3	Sup-pressed	1,875,757	Unreliable	N/A	N/A	N/A	N/A	N/A	N/A	-50%	-	64.8
Sources: Mortality — <i>Total number of deaths, national definition</i> (European Union Drugs Agency, June 2026). Population — <i>Population and population change</i> (Official Statistics Portal).																			
Lithuania***	Drug overdose deaths	80	2,889,601	27.7	74	2,867,148	25.8	87	2,834,340	30.7	Sup-pressed	Unreliable	Sup-pressed	Unreliable	Sup-pressed	Unreliable	8%	-	43.8
Sources: Mortality — <i>Total number of deaths, national definition</i> (European Union Drugs Agency, June 2026). Population — <i>Resident population as of July 1</i> (Official Statistics Portal, May 2026).																			
Mexico	Drug overdose deaths	367	132,274,416	2.8	440	131,135,337	3.4	406	129,960,600	3.1	405	3.1	369	2.9	343	2.7	-17%	7%	4.1
Sources: Mortality — <i>13. Registered deaths by habitual residence of the deceased and cause of death (LIST 1, ICD-10) according to month of occurrence</i> (INEGI, Aug. 2026). Population — <i>Population Projections for Mexico and its Federal Entities, 2020–2070</i> (Gobierno de Mexico, Oct. 2023).																			
Netherlands	Drug overdose deaths	378	17,942,942	21.1	338	17,811,291	19.0	332	17,811,291	18.6	298	16.9	295	16.9	252	14.5	12%	50%	32.7
Sources: Mortality — <i>5.7.3 Mortality in the Netherlands</i> (National Drug Monitor, Feb. 2026). Population — <i>Population dynamics; month and year</i> (CBS Netherlands, Feb. 2026).																			
New Zealand	Drug overdose deaths	148	5,307,800	27.9	177	5,263,100	33.6	163	5,124,100	31.8	171	33.5	150	29.5	124	24.9	-16%	19%	43.0
Sources: Mortality — <i>Drug Overdoses in Aotearoa 2025</i> (NZ Drug Foundation, Aug. 2025). Population — <i>Population</i> (Stats NZ, Tatauranga Aotearoa, Feb. 2026).																			

Country	Mortality type	Over-dose/ drug-related deaths	Total population*	Deaths per 1,000,000 total population (unadjusted)	Over-dose/ drug-related deaths	Total population*	Deaths per 1,000,000 total population (unadjusted)	Over-dose/ drug-related deaths	Total population*	Deaths per 1,000,000 total population (unadjusted)	Over-dose/ drug-related deaths	Deaths per 1,000,000 total population (unadjusted)	Over-dose/ drug-related deaths	Deaths per 1,000,000 total population (unadjusted)	Over-dose/ drug-related deaths	Deaths per 1,000,000 total population (unadjusted)	Percent change in mortality <i>total</i>	Percent change in mortality <i>total</i>	Deaths (any age) per 1,000,000 population ages 15–64 (unadjusted)
		2024	2024	2024	2023	2023	2023	2022	2022	2022	2021	2021	2020	2020	2019	2019	2023 to 2024	2019 to 2024	2024
Norway	Drug-induced deaths	342	5,550,203	61.6	388	5,488,984	70.7	321	5,425,270	59.2	247	45.8	331	61.7	275	51.6	-12%	24%	94.9
Sources: Mortality — <i>Drug-induced deaths in Norway</i> (Norwegian Institute of Public Health, Oct. 2025). Population — <i>Population</i> (Statistics Norway, Feb. 2026).																			
Panama	Drug overdose deaths	Sup-pressed	4,548,681	Unreliable	Sup-pressed	4,452,823	Unreliable	Sup-pressed	4,395,414	Sup-pressed	Sup-pressed	Sup-pressed	Sup-pressed	Sup-pressed	Sup-pressed	Sup-pressed	-	-	Sup-pressed
Sources: Mortality — Instituto Nacional de Estadística y Censo, Estadísticas Vitales, Panama (received Apr. 8, 2026). Population — <i>Vital Statistics – Volume III – Deaths</i> (Instituto Nacional de Estadística y Censo, Mar. 2026).																			
Philippines	Drug overdose deaths	143	112,884,800	1.3	111	111,912,400	1.0	134	110,939,849	1.2	131	1.2	67	0.6	102	1.0	29%	40%	1.9
Sources: Mortality — <i>Vital Statistics</i> (Philippine Statistics Authority, Mar. 2026). Population — <i>Population Projection Statistics</i> (Philippine Statistics Authority, Jan. 2026).																			
Portugal	Drug overdose deaths	66	11,387,222	5.8	80	10,639,726	7.5	69	10,467,366	6.6	74	7.1	51	4.9	63	6.1	-18%	5%	9.0
Sources: Mortality — <i>Yearly Report 2024: The Situation of the Country in Matters of Drugs and Drug Addictions</i> (ICAD, Feb. 2026). Population — <i>Population Statistics</i> (Instituto Nacional de Estatística, Statistcs Portugal, June 2025).																			
Puerto Rico	Drug overdose deaths	608	3,202,521	189.9	769	3,203,794	240.0	792	3,220,148	246.0	639	195.8	156	47.9	175	54.8	-21%	247%	300.0
Sources: Mortality — <i>U.S. Territories Mortality Multiple Cause Files</i> (National Center for Health Statistics, Feb. 2026). Population — <i>Annual Estimates of the Resident Population for the United States, Regions, States, District of Columbia and Puerto Rico: April 1, 2020, to July 1, 2025 (NST-EST2025-POP)</i> (U.S. Census Bureau, Jan. 2026).																			
Saudi Arabia	Drug overdose deaths	99	35,300,280	2.8	111	33,702,731	3.3	105	32,175,224	3.3	63	2.0	N/A	N/A	N/A	N/A	-11%	-	3.8
Sources: Mortality — Commonwealth Fund analysis of World Health Organization Mortality Database (Feb. 2026). Population — <i>Population Estimates Statistics</i> (GASTAT, 2024).																			
Serbia***	Drug-induced deaths	75	6,605,168	11.4	Sup-pressed	6,641,197	Unreliable	Sup-pressed	6,797,105	Unreliable	75	10.9	80	11.5	86	12.3	-	-13%	18.1
Sources: Mortality — <i>Total number of deaths, national definition</i> (European Union Drugs Agency, June 2026). Population — <i>Estimates of population</i> (Statistical Office of the Republic of Serbia, July 2025).																			

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		2024	2024	2024	2023	2023	2023	2022	2022	2022	2021	2021	2020	2020	2019	2019	2023 to 2024	2019 to 2024	2024
Slovenia***	Drug-induced deaths	87	2,126,324	40.9	86	2,123,103	40.5	Sup-pressed	Sup-pressed	Unreliable	Sup-pressed	Unreliable	Sup-pressed	Unreliable	70	33.5	1%	24%	64.5
	Sources: Mortality — Total number of deaths, national definition (European Union Drugs Agency, June 2026). Population — Basic population groups by sex, Slovenia, quarterly (Republic of Slovenia Statistical Office, 2026).																		
Spain	Drug overdose deaths	1,458	48,821,936	29.9	1,574	48,320,520	32.6	1,472	48,085,361	30.6	1,339	27.8	1,333	28.1	1,104	23.3	-7%	32%	45.8
	Sources: Mortality — Death statistics according to cause of death. Results (Instituto Nacional de Estadistica, Dec. 2025). Population — Population Continous Statistics. Latest data (Instituto Nacional de Estadistica, Jan. 2026).																		
Sweden	Drug-induced death	424	10,587,710	40.0	474	10,551,707	44.9	535	10,521,556	50.8	462	44.2	533	51.4	555	53.7	-11%	-24%	64.2
	Sources: Mortality — Sweden Statistical Database, Cause of Death (Socialstyrelsen, Nov. 2025). Population — Population by age and sex 1860–2024 (Statistics Sweden, Feb. 2025).																		
Switzerland	Drug-related deaths	192	9,051,029	21.2	188	8,962,258	21.0	160	8,815,385	18.2	147	16.8	142	16.4	141	16.4	2%	36%	32.3
	Sources: Mortality — Drug-related deaths (Federal Office of Public Health, Dec. 2025). Population — Current Situation and Change (Swiss Federal Statistical Office, Dec. 2025).																		
Türkiye***	Drug-induced death	427	85,518,000	5.0	300	85,326,000	3.5	246	84,980,000	2.9	270	3.2	314	3.8	342	4.1	42%	25%	7.3
	Sources: Mortality — Total number of deaths, national definition (European Union Drugs Agency, June 2026). Population — Population Projections and Estimations (TUIK Data Portal).																		
United Kingdom (England)	Drug poisoning deaths	5,129	57,932,500	88.5	5,053	58,620,100	86.2	4,585	57,112,500	80.3	4,538	80.2	4,320	76.7	4,129	73.4	2%	24%	136.5
	Sources: Mortality — Deaths related to drug poisoning in England and Wales: 2024 registrations (Office for National Statistics, Oct. 2025). Population — Population estimates time series dataset (Office for National Statistics, Nov. 2025).																		
United Kingdom (Wales)	Drug poisoning deaths	417	3,186,600	130.9	377	3,167,300	119.0	319	3,132,700	101.8	322	103.7	224	72.2	243	78.7	11%	72%	210.0
	Sources: Mortality — Deaths related to drug poisoning in England and Wales: 2024 registrations (Office for National Statistics, Oct. 2025). Population — Population estimates time series dataset (Office for National Statistics, Nov. 2025).																		

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		2024	2024	2024	2023	2023	2023	2022	2022	2022	2021	2021	2020	2020	2019	2019	2023 to 2024	2019 to 2024	2024
United Kingdom (Northern Ireland)	Drug-related deaths	260	1,927,900	134.9	169	1,920,400	88.0	154	1,910,543	80.6	213	111.8	218	114.7	191	100.6	54%	36%	213.1
	Sources: Mortality — 1. Registrar General Annual Report 2024 Cause of Death (Northern Ireland Statistics and Research Agency, Nov. 2025). Population — Population estimates time series dataset (Office for National Statistics, Nov. 2025).																		
United Kingdom (Scotland)	Drug poisoning deaths	1,156	5,546,900	208.4	1,330	5,506,000	241.6	1,193	5,447,700	219.0	1,444	266.5	1,461	269.9	1,406	259.7	-13%	-18%	323.5
	Sources: Mortality — Drug-related deaths in Scotland in 2024 (National Records of Scotland, Sept. 2025). Population — Population estimates time series dataset (Office for National Statistics, Nov. 2025).																		
United Kingdom (overall)	Drug-related deaths	6,962	68,593,900	101.5	6,929	69,213,800	100.1	6,251	67,603,443	92.5	6,517	97.3	6,223	93.2	5,969	89.6	0%	17%	156.9
	Sources: Mortality — See individual countries above. Population — See individual countries above.																		
U.S. Virgin Islands	Drug overdose deaths	Sup-pressed	104,377	Unreliable	Sup-pressed	104,917	Unreliable	Sup-pressed	105,413	Unreliable	Sup-pressed	Unreliable	Sup-pressed	Unreliable	Sup-pressed	Unreliable	-	-	Unreliable
	Sources: Mortality — U.S. Territories Mortality Multiple Cause Files (National Center for Health Statistics, Feb. 2026). Population — Population, total — Virgin Islands (U.S.) (World Bank Group).																		
United States	Drug overdose deaths	79,384	340,003,797	233.5	105,007	336,755,052	311.8	107,941	333,996,304	323.2	106,699	321.3	91,799	276.9	70,630	215.2	-24%	12%	364.3
	Sources: Mortality — Drug Overdose Deaths in the United States, 2023–2024 (National Center for Health Statistics, Jan. 2026). Population — Annual Estimates of the Resident Population for the United States, Regions, States, District of Columbia and Puerto Rico: April 1, 2020 to July 1, 2025 (NST-EST2025-POP) (U.S. Census Bureau, Jan. 2026).																		
Uzbekistan^	Drug overdose deaths	144	36,799,800	3.9	145	36,024,900	4.0	315	35,271,300	8.9	106	3.1	Sup-pressed	Unreliable	Sup-pressed	Unreliable	-1%	-	6.3
	Sources: Mortality — Commonwealth Fund analysis of World Health Organization Mortality Database (Feb. 2026). Population — Permanent population-Total (National Statistics Committee of the Republic of Uzbekistan, Mar. 2025).																		

* Population reflects the total population in the country for the mortality data year used (end of year if available, otherwise population measured from midyear point).

** Deaths in Canada include only those related to opioids (see notes below).

DRUG MORTALITY COUNTRY NOTES

Unless otherwise indicated, “Drug overdose deaths” under the “Mortality type” column are matched to the U.S. Centers for Disease Control and Prevention’s ICD-10 definition of overdose. In line with the CDC, death rates and counts are not shown in tables and figures when the death counts are below 16; for countries in or associated with the European Union Drugs Agency (EUDA), death rates and counts are not shown in tables and figures when death counts are below 70.

European Union Drugs Agency (EUDA)

*** Reflects EUDA definition of “drug-induced deaths”; EUDA generally defines drug-induced deaths as “people who die directly due to use of illegal substances, although these often occur in combination with other substances such as alcohol or psychoactive medicines. The deaths generally occur shortly after the consumption of the substance and are commonly referred to as overdoses or poisonings.”

Importantly, this definition/number may not include overdose deaths from certain drugs that contribute to totals reported by individual countries.

EUDA methodology counts mortality cases with underlying cause of death ICD-10 codes of F11-F12, F14-F16, and F19; X42, X62, and Y12 in combination with T codes T40.0-T40.9; and X41, X61, and Y11 in combination with T code T43.6; and X44, X64, and Y14 in combination with T codes T40.0-T40.9 or T43.6. In this analysis, national drug death estimates reported to EUDA were used.

For a full EUDA methodology description with further details, see: https://www.euda.europa.eu/data/stats2026/methods/drd_en; also see EUDA notes by country indicating potential small differences between national definitions: https://www.euda.europa.eu/data/stats2026_en.

^ Countries without EUDA reported 2024 data that fall under EUDA’s Reitox network; are candidates and potential candidates to the European Union; fall within the European Policy Neighborhood Policy area; or are other non-EU partners OR country reports its own definition of drug-related deaths publicly (e.g., Estonia, France, Germany, Netherlands, Norway, Portugal, Sweden). The more narrow U.S. drug overdose death definition is applied when there is a lack of EUDA-aligned data so as not to overestimate drug death.

Individual Countries

Australia: The National Drug and Alcohol research center defines drug overdose deaths as “all deaths where the acute toxic effect of a drug was determined by the coroner, forensic pathologist, or forensic toxicologist to be the UCOD (i.e., ICD-10 codes for accidental poisoning X40-X44, intentional poisoning X60-X64, undetermined intent of poisoning Y10-Y14, and assault by drugs X85). Note that drug overdose death numbers have been revised for 2022–2024.

Canada: An “apparent drug toxicity death” as defined by the Public Health Agency of Canda is caused by “intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid or a stimulant, regardless of how it was obtained (e.g., illegally or through personal prescription).” ** Because Canada does not report a total mortality number for deaths related to opioids or stimulants (i.e., one that is mutually exclusive), in this figure we only use the PHAC estimate for “apparent opioid toxicity deaths.” Thus, while “apparent drug toxicity deaths” likely capture the majority of all drug-related deaths, the full mortality estimate for Canada is higher. For more detail, see: <https://health-infobase.canada.ca/substance-related-harms/opioids-stimulants/technical-notes.html>. Note that estimates for Canada may appear differently in this edition compared to previous editions due to final mortality and population estimate revisions.

France: DRAMES Survey data use drug and substance abuse–related deaths that meet the EUDA definition of direct drug-induced deaths. Suicide deaths are excluded. DRAMES aims to identify and quantify the substances involved by means of blood tests, though the register is not exhaustive as deaths must be reported to DRAMES in order to be counted. Note that population has been revised.

New Zealand: Drug overdose deaths are made up of both active and closed cases from the New Zealand coroner’s office. There is a large backlog of cases dating back a number of years, so overall numbers are underestimates and only show the number of deaths processed by the coroner’s office at the most recent release of data. Suicides are excluded from New Zealand’s reporting though overdose death counts include those attributed to alcohol. For more details on definitions, see: <https://drugfoundation.org.nz/assets/PageBlocks/Downloads/DrugOverdosesInAotearoa2025.pdf>.

Portugal: Drug overdose deaths are composed of deaths where drug use is the direct cause of mortality and medicolegal etiology; for more detail, see: <https://www.icad.pt/DocumentList/GetFile?id=1293&languageId=1>.

Sweden: As defined by the Public Health Agency of Sweden, drug-related deaths are for age 15 and up and include “deaths due to poisoning of specific drugs, narcotics or biological substances, as the underlying cause of death (ICD-10: X40-X44, X60-X64, Y10-Y14 in combination with T36-T50.9).”

Switzerland: As defined by the Federal Office of Public Health, drug-related deaths are “the number of directly drug-related deaths due to intoxication or overdose;” defined by ICD-10 codes (WHO version): F11/F12/F14/F15/F16/F19; X42; X62; Y12; for more detail, see: <https://ind.obsan.admin.ch/en/indicator/monam/drug-related-deaths>.

United Kingdom (England & Wales): As defined by the Office for National Statistics, drug poisoning deaths “involve a broad spectrum of substances, including controlled and non-controlled drugs, prescription medicines (either prescribed to the individual or obtained by other means), and over-the-counter medications. As well as deaths from drug abuse and dependence, figures include accidents and suicides involving drug poisonings, and complications of drug abuse such as deep vein thrombosis or septicaemia from intravenous drug use.” Drug poisoning deaths include the following ICD-10 codes: F11–F16, F18–F19, X40–X44, X60–X64, Y10–Y14, X85. More details of the definition, including ICD codes used, can be found at: <https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/bulletins/deathsrelatedtodrugpoisoninginenglandandwales/2024registrations>. Of note, the ONS reports based on year of death registration and indicates that “because of registration delays, around half of these deaths will have occurred in previous years.”

United Kingdom (Northern Ireland): As defined by the Northern Ireland Statistics and Research Agency, drug-related deaths are defined as “when the underlying cause of death recorded on the death certificate is drug poisoning, drug abuse or drug dependence.” It includes the following ICD-10 codes: F11–F16, F18–F19, X40–X44, X60–X64, Y10–Y14, X85. More details of the definition can be found at: <https://www.nisra.gov.uk/statistics/cause-death/drug-related-deaths>. Northern Ireland statistics are also based on death registration year.

United Kingdom (Scotland): The Office for National Statistics and National Records of Scotland use the following ICD-10 codes to create the “drug poisoning death” total: F11–F16, F18–F19, X40–X44, X60–X64, Y10–Y14, X85. More details of the definition can be found at: <https://www.nrscotland.gov.uk/media/lfzm3pbu/drug-related-deaths-methodology-annex.pdf>. Scotland statistics are also based on registration year.

United Kingdom (overall): In all UK countries, while the term for drug deaths varies, the codes used to denote such deaths are the same. As such, the author of this analysis combined deaths across the four countries (England, Northern Ireland, Scotland, and Wales) to estimate how the overall United Kingdom compares to peer countries, using the term “drug-related deaths” as the umbrella term.

United States: As defined by the Centers for Disease Control and Prevention, drug poisoning (overdose) deaths include “deaths resulting from unintentional or intentional overdose of a drug, being given the wrong drug, taking a drug in error, or taking a drug inadvertently;” drug overdose deaths are identified using the ICD–10 underlying cause of-death codes X40–X44, X60–X64, X85, and Y10–Y14. Northern Mariana Islands not shown due to no reported deaths. Population figures revised in this edition. <https://www.cdc.gov/nchs/products/databriefs/db549.htm>.

APPENDIX

Source Notes: Drug Overdose Deaths – United States

		2024 deaths per 100,000 total population (age- adjusted)		2023 deaths per 100,000 total population (age- adjusted)		2022 deaths per 100,000 total population (age- adjusted)		2021 deaths per 100,000 total population (age- adjusted)		2020 deaths per 100,000 total population (age- adjusted)		2019 deaths per 100,000 total population (age- adjusted)	2023 to 2024 percent change in mortality total	2022 to 2023 percent change in mortality total	2021 to 2022 percent change in mortality total	2020 to 2021 percent change in mortality total	2019 to 2020 percent change in mortality total	2019 to 2024 percent change in mortality total
State	2024 overdose deaths		2023 overdose deaths		2022 overdose deaths		2021 overdose deaths		2020 overdose deaths		2019 overdose deaths							
United States	79,384	21.4	105,007	29.3	107,941	30.7	106,699	30.6	91,799	26.9	70,630	20.5	-27%	-5%	0%	14%	31%	6%
Alabama	1,211	23.2	1,608	31.5	1,492	29.7	1,408	28.4	1,029	21.1	768	15.5	-26%	6%	5%	35%	36%	58%
Alaska	340	42.1	359	46.5	254	32.3	260	34.2	160	21.2	132	17.0	-9%	44%	-6%	61%	25%	158%
Arizona	2,453	30.3	2,624	34.0	2,664	35.2	2,730	37.5	2,550	35.1	1,907	25.9	-11%	-3%	-6%	7%	36%	29%
Arkansas	416	13.0	516	16.6	617	20.2	637	21.5	546	18.0	388	12.9	-22%	-18%	-6%	19%	40%	7%
California	9,028	20.1	11,378	26.2	10,952	25.4	10,901	25.3	8,908	20.9	6,198	14.1	-23%	3%	0%	21%	48%	46%
Colorado	1,610	24.0	1,872	28.6	1,811	28.4	1,887	30.0	1,492	24.0	1,079	17.2	-16%	1%	-5%	25%	40%	49%
Connecticut	995	23.9	1,318	32.4	1,482	37.2	1,552	39.4	1,371	37.0	1,214	32.6	-26%	-13%	-6%	6%	13%	-18%
Delaware	338	30.3	525	49.2	549	51.7	513	50.0	444	44.3	435	46.3	-38%	-5%	3%	13%	-4%	-22%
Dist. Columbia	315	38.4	427	54.6	451	58.1	450	57.0	424	52.3	311	38.8	-30%	-6%	2%	9%	35%	1%
Florida	4,958	19.8	7,010	29.5	7,551	33.0	7,827	35.4	7,231	33.2	5,268	24.1	-33%	-11%	-7%	7%	38%	-6%
Georgia	2,029	16.9	2,570	22.2	2,687	23.6	2,500	22.4	1,916	17.1	1,408	12.3	-24%	-6%	5%	31%	39%	44%
Hawai'i	333	19.2	320	19.5	284	17.0	269	15.5	274	16.5	242	14.3	-2%	15%	10%	-6%	15%	38%
Idaho	338	16.1	386	19.2	385	19.7	354	18.1	287	14.8	265	14.2	-16%	-3%	9%	22%	4%	28%
Illinois	2,531	17.8	3,525	25.5	3,849	28.1	3,762	27.4	3,549	26.5	2,790	20.5	-30%	-9%	3%	3%	29%	-9%
Indiana	1,717	24.0	2,244	32.3	2,682	39.0	2,811	41.2	2,321	35.3	1,699	25.3	-26%	-17%	-5%	17%	40%	1%
Iowa	427	12.8	462	14.2	469	14.4	475	14.7	432	13.6	352	10.8	-10%	-1%	-2%	8%	26%	21%
Kansas	570	18.6	653	21.5	754	25.4	680	23.2	490	16.9	403	13.5	-13%	-15%	9%	37%	25%	41%
Kentucky	1,492	30.8	2,077	44.6	2,271	49.6	2,381	52.4	2,083	46.5	1,380	30.4	-31%	-10%	-5%	13%	53%	8%
Louisiana	1,467	30.7	2,224	47.1	2,376	51.0	2,463	52.6	1,896	40.1	1,267	26.3	-35%	-8%	-3%	31%	52%	16%
Maine	483	32.1	598	41.3	707	50.8	611	44.2	496	37.2	371	28.5	-22%	-19%	15%	19%	31%	30%
Maryland	1,772	25.0	2,550	36.7	2,573	37.8	2,737	40.3	2,771	42.3	2,369	36.1	-32%	-3%	-6%	-5%	17%	-25%
Massachusetts	1,590	19.9	2,387	30.9	2,642	34.5	2,585	34.2	2,302	31.7	2,210	30.4	-36%	-10%	1%	8%	4%	-28%
Michigan	1,944	17.5	2,882	26.9	2,997	28.6	3,089	29.6	2,759	27.0	2,385	23.1	-35%	-6%	-3%	10%	17%	-18%
Minnesota	995	16.5	1,331	22.7	1,384	23.9	1,356	23.9	1,050	18.6	792	13.8	-27%	-5%	0%	28%	35%	26%
Mississippi	525	17.4	702	23.7	758	25.9	787	26.9	586	20.1	394	12.7	-27%	-8%	-4%	34%	58%	33%
Missouri	1,461	22.3	1,986	31.4	2,192	35.3	2,155	35.1	1,875	30.9	1,583	25.6	-29%	-11%	1%	14%	21%	-8%
Montana	170	14.6	188	16.1	208	18.5	199	18.2	162	14.5	143	13.0	-9%	-13%	2%	26%	12%	19%
Nebraska	155	7.5	172	8.5	225	11.5	214	11.0	214	11.0	161	8.1	-12%	-26%	5%	0%	36%	-4%
Nevada	1,237	33.4	1,282	35.6	1,003	28.6	949	27.8	832	25.0	647	18.7	-6%	24%	3%	11%	34%	91%
New Hampshire	293	20.1	440	30.6	486	33.9	441	31.1	393	28.7	407	31.2	-34%	-10%	9%	8%	-8%	-28%
New Jersey	1,992	18.6	2,688	26.3	2,985	29.5	3,056	30.5	2,840	30.5	2,805	30.3	-29%	-11%	-3%	0%	1%	-29%
New Mexico	775	34.6	993	45.9	1,024	47.4	1,052	49.0	784	37.2	599	28.2	-25%	-3%	-3%	32%	32%	29%
New York	4,449	19.5	6,330	28.7	6,358	29.2	5,842	26.9	4,965	24.0	3,617	17.2	-32%	-2%	9%	12%	40%	23%
North Carolina	2,780	24.2	3,520	32.0	4,310	39.9	3,981	37.6	3,146	29.8	2,266	21.5	-24%	-20%	6%	26%	39%	23%
North Dakota	108	14.0	122	16.2	148	19.6	124	16.9	114	15.8	82	10.7	-14%	-17%	16%	7%	48%	32%
Ohio	3,165	25.1	4,745	38.8	5,144	42.9	5,397	45.3	5,204	44.9	4,251	36.4	-35%	-10%	-5%	1%	23%	-26%
Oklahoma	1,019	23.8	1,278	30.5	1,196	29.0	960	22.9	762	18.2	645	15.5	-22%	5%	27%	26%	17%	58%
Oregon	1,500	31.1	1,782	38.6	1,363	29.4	1,171	25.4	803	17.7	615	13.1	-19%	31%	16%	44%	35%	144%

		2024 deaths per 100,000 total population (age- adjusted)	2023 overdose deaths	2023 deaths per 100,000 total population (age- adjusted)	2022 overdose deaths	2022 deaths per 100,000 total population (age- adjusted)	2021 overdose deaths	2021 deaths per 100,000 total population (age- adjusted)	2020 overdose deaths	2020 deaths per 100,000 total population (age- adjusted)	2019 overdose deaths	2019 deaths per 100,000 total population (age- adjusted)	2023 to 2024 percent change in mortality <i>total</i>	2022 to 2023 percent change in mortality <i>total</i>	2021 to 2022 percent change in mortality <i>total</i>	2020 to 2021 percent change in mortality <i>total</i>	2019 to 2020 percent change in mortality <i>total</i>	2019 to 2024 percent change in mortality <i>total</i>
State	2024 overdose deaths																	
Pennsylvania	3,341	23.3	4,757	34.5	5,169	38.2	5,449	40.8	5,168	40.2	4,377	33.9	-32%	-10%	-6%	1%	19%	-24%
Rhode Island	323	25.3	413	34.2	424	35.5	455	39.1	397	35.9	307	27.7	-26%	-4%	-9%	9%	30%	5%
South Carolina	1,467	25.4	2,177	38.6	2,279	42.3	2,138	40.7	1,739	33.2	1,127	21.5	-34%	-9%	4%	23%	54%	30%
South Dakota	98	11.1	95	10.7	95	11.2	105	11.8	83	9.8	86	10.4	4%	-4%	-5%	20%	-6%	14%
Tennessee	2,499	32.7	3,616	49.0	3,825	52.6	3,813	53.4	3,034	43.3	2,089	29.6	-33%	-7%	-1%	23%	46%	20%
Texas	4,980	14.7	5,687	17.5	5,489	17.3	4,984	15.9	4,172	13.5	3,136	10.1	-16%	1%	9%	18%	34%	59%
Utah	674	18.6	693	19.7	627	18.3	662	19.5	622	18.9	571	17.6	-6%	8%	-6%	3%	7%	18%
Vermont	208	30.8	259	38.9	276	43.1	252	39.9	190	31.3	133	22.8	-21%	-10%	8%	27%	37%	56%
Virginia	1,552	16.3	2,480	27.0	2,496	27.4	2,626	29.2	2,240	25.4	1,547	17.5	-40%	-1%	-6%	15%	45%	0%
Washington	3,145	34.8	3,477	39.5	2,725	31.9	2,264	26.6	1,733	21.0	1,259	15.0	-12%	24%	20%	27%	40%	150%
West Virginia	821	44.5	1,377	76.8	1,335	75.0	1,501	85.3	1,330	76.5	870	50.2	-42%	2%	-12%	12%	52%	-6%
Wisconsin	1,175	18.2	1,767	28.5	1,792	30.0	1,775	29.9	1,531	26.5	1,201	20.1	-36%	-5%	0%	13%	32%	-2%
Wyoming	120	18.6	135	22.1	126	20.6	109	17.9	99	16.0	79	13.1	-16%	7%	15%	12%	22%	52%

Notes: As defined by the Centers for Disease Control and Prevention, drug poisoning (overdose) deaths include “deaths resulting from unintentional or intentional overdose of a drug, being given the wrong drug, taking a drug in error, or taking a drug inadvertently;” drug overdose deaths are identified using the ICD–10 underlying cause of-death codes X40–X44, X60–X64, X85, and Y10–Y14. Northern Mariana Islands not shown due to no reported deaths. Population figures revised in this edition. In line with the CDC, death rates and counts are not shown in tables and figures when the death counts are below 16.

Source: *Drug Overdose Deaths in the United States, 2023–2024* (National Center for Health Statistics, Jan. 2026).

APPENDIX

Source Notes: Drug Overdose Deaths – United States, by Race/Ethnicity

Race/Ethnicity	2024 overdose deaths	2024 deaths per 100,000 total population (age-adjusted)	2023 overdose deaths	2023 deaths per 100,000 total population (age-adjusted)	2022 overdose deaths	2022 deaths per 100,000 total population (age-adjusted)	2021 overdose deaths	2021 deaths per 100,000 total population (age-adjusted)	2020 overdose deaths	2020 deaths per 100,000 total population (age-adjusted)	2019 overdose deaths	2019 deaths per 100,000 total population (age-adjusted)	2023 to 2024 percent change in mortality total	2019 to 2024 percent change in mortality total
American Indian or Alaska Native	1,237	48.3	1,548	61.6	1,543	62.1	1,358	53.7	1,009	40.9	723	29.1	-22%	71%
Asian	1,044	4.2	1,110	4.8	1,142	5.1	971	4.5	935	4.5	679	3.3	-13%	54%
Black or African American	15,228	31.0	21,547	45.1	20,725	44.0	19,212	31.1	15,256	33.3	10,517	22.8	-31%	45%
Hispanic	11,239	16.0	14,520	21.6	14,131	21.6	12,986	20.3	10,606	17.0	7,473	12.2	-26%	50%
Native Hawaiian or Other Pacific Islander	142	19.6	174	24.8	125	17.7	127	19.0	86	13.1	58	8.8	-21%	145%
White	48,436	22.9	63,659	31.0	67,974	33.6	70,121	34.9	62,312	31.5	50,044	24.9	-26%	-3%
Breakdown of Asian American and Native Hawaiian or Other Pacific Islander overdose deaths														
Asian Indian	197		214		214		166		152		116			
Chinese	118		121		116		104		83		84			
Filipino	160		182		198		147		162		117			
Japanese	38		35		54		41		45		37			
Korean	109		113		132		118		118		91			
Vietnamese	151		174		158		146		133		82			
Other Asian	271		271		270		249		242		152			
Hawaiian	30		42		38		39		24		Suppressed			
Guamanian	19		21		18		Suppressed		-		Suppressed			
Samoaan	38		50		20		31		20		17			
Other Pacific Islander	55		61		49		43		34		21			

Notes: As defined by the Centers for Disease Control and Prevention, drug poisoning (overdose) deaths include “deaths resulting from unintentional or intentional overdose of a drug, being given the wrong drug, taking a drug in error, or taking a drug inadvertently;” drug overdose deaths are identified using the ICD–10 underlying cause of-death codes X40–X44, X60–X64, X85, and Y10–Y14. Northern Mariana Islands not shown due to no reported deaths. Population figures revised in this edition. In line with the CDC, death rates and counts are not shown in tables and figures when the death counts are below 16. Mortality rates not calculated for disaggregated Asian American and Native Hawaiian or Other Pacific Islander deaths as annual population figures are not available.

Source: *Drug Overdose Deaths in the United States, 2023–2024* (National Center for Health Statistics, Jan. 2026).