



IDAHO RESIDENT DRUG-INDUCED DEATHS DATA SUMMARY 2009-2013

Bureau of Vital Records and Health Statistics

January 2016



IDAHO DEPARTMENT OF HEALTH & WELFARE
DIVISION OF PUBLIC HEALTH

ACKNOWLEDGMENTS

CONTACT

For more information on this report or other vital statistics, please contact the Bureau of Vital Records and Health Statistics at (208) 334-6571. This report and other reports from Health Statistics are available electronically at <http://healthstatistics.dhw.idaho.gov>.

CITATION

Suggested citation: *Idaho Resident Drug-Induced Deaths Data Summary 2009-2013*, Idaho Department of Health and Welfare, Division of Public Health, Bureau of Vital Records and Health Statistics, January 2016.

COPYRIGHT

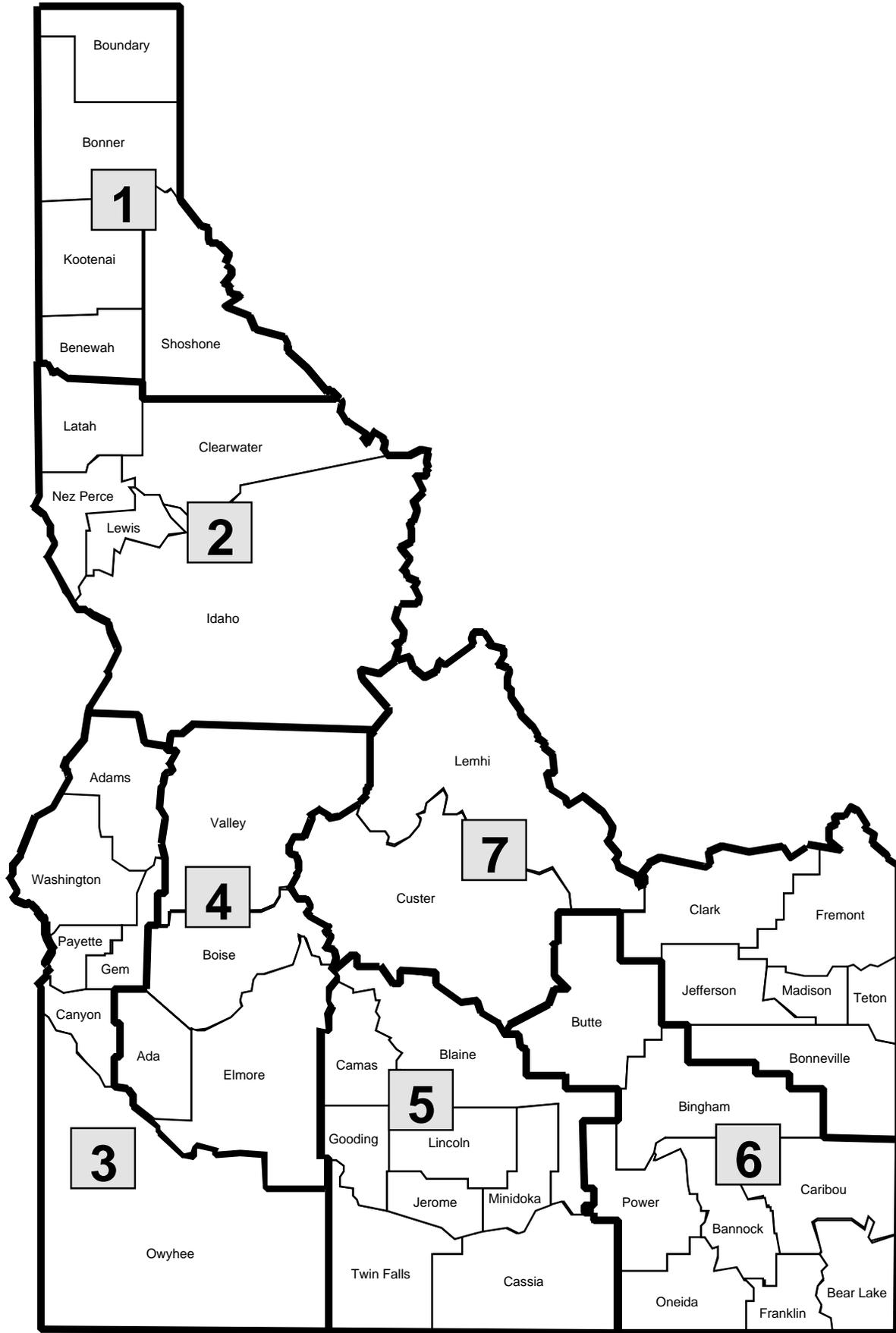
This report is in the public domain and can be reproduced or copied without permission.

TABLE OF CONTENTS

Idaho Resident Drug-Induced Deaths Data Summary, 2009-2013	1
Acknowledgments	2
Table of Contents	3
Map of Idaho Public Health Districts	5
Introduction	6
Definitions	
Where the Information Comes From	
Who Determines the Cause of Death	7
Limitations	
Highlights	8
Summary	9
All Drug-Induced Deaths	11
Ten-Year Trend: Death Rate and Number of Deaths	12
Number of Deaths and Death Rate by Gender	13
Number of Deaths and Death Rate by Age Group	14
Number of Deaths and Death Rate by District	15
Number of Deaths and Death Rate by County	16
Number of Deaths by Residence City and Place of Death	17
Number of Deaths and Death Rate by Race and Ethnicity	18
Years of Potential Life Lost	18
Trend and Number of Deaths by Manner	19
Number of Deaths and Death Rate by Manner Overview	20
Number of Deaths from Prescription and Nonprescription Drugs	21
Type of Drug(s) Mentioned on the Death Certificate by District	22
Type of Drugs Mentioned on the Death Certificate	23
Frequently Listed Type of Drug by Year	24
Number of Deaths from Prescription (RX) Drugs and Drugs Listed by Type of Drug	25
Number of Deaths from Nonprescription Drugs and Drugs Listed by Type of Drug	26
Number of Deaths from Prescription (RX) and Non-Prescription Drugs by District	27

Accidental Drug-Induced Deaths	28
Ten-Year Trend: Death Rate and Number of Deaths	29
Idaho Ranking by Death Rate, Death Rate by Neighboring States	30
Number of Deaths and Death Rate by Gender	31
Number of Deaths and Death Rate by Age Group	32
Number of Deaths and Death Rate by District	33
Number of Deaths and Death Rate by County	34
Type of Drug(s) Mentioned on the Death Certificate by District	35
Accidental Deaths by Mechanism	
Number of Deaths from Prescription (RX) and Non-Prescription Drugs	36
Number of Deaths from Prescription (RX) Drugs and Drugs Listed by Type of Drug	37
Number of Deaths from Nonprescription Drugs and Drugs Listed by Type of Drug	38
Intentional Self-Harm (Suicide) Drug-Induced Deaths	39
Ten-Year Trend: Death Rate and Number of Deaths	40
Number of Deaths and Death Rate by Gender	41
Number of Deaths and Death Rate by Age Group	42
Number of Deaths and Death Rate by District	43
Number of Deaths and Death Rate by County	44
Type of Drug(s) Mentioned on the Death Certificate by District	45
Intentional Self-Harm (Suicide) Deaths by Mechanism	
Number of Deaths from Prescription (RX) and Non-Prescription Drugs	46
Number of Deaths from Prescription (RX) Drugs and Drugs Listed by Type of Drug	47
Number of Deaths from Nonprescription Drugs and Drugs Listed by Type of Drug	48
Undetermined Intent Drug-Induced Deaths	49
Ten-Year Trend: Death Rate and Number of Deaths	50
Number of Deaths and Death Rate by Gender	51
Number of Deaths and Death Rate by Age Group	52
Number of Deaths and Death Rate by District	53
Number of Deaths and Death Rate by County	54
Type of Drug(s) Mentioned on the Death Certificate by District	55
Undetermined Intent Deaths by Mechanism	
Number of Deaths from Prescription (RX) and Non-Prescription Drugs	56
Number of Deaths from Prescription (RX) Drugs and Drugs Listed by Type of Drug	57
Number of Deaths from Nonprescription Drugs and Drugs Listed by Type of Drug	58
Technical Notes	59

COUNTIES COMPRISING IDAHO PUBLIC HEALTH DISTRICTS



INTRODUCTION

This edition of the Drug-induced Deaths Data Summary has been revised to provide additional data and perspectives on drug-induced deaths occurring in Idaho and out of state. This edition includes information on deaths to Idaho residents.

DEFINITIONS:

Drug-induced deaths include deaths caused by illicit, prescription, and over-the-counter drug use. These drug deaths include those due to:

- drug psychosis;
- drug dependence including alcohol and tobacco;
- nondependent use of drugs not including alcohol and tobacco;
- accidental (unintentional) poisoning by drugs, medicaments, and biologicals;
- intentional self-poisoning (suicide) by drugs, medicaments, and biologicals;
- assault (homicide) by poisoning by drugs and medicaments;
- poisoning by drugs, medicaments, and biologicals, undetermined whether accidental or purposely inflicted.
 - Drug-induced deaths do not include newborn deaths associated with mother's drug use, accidents such as falls and motor vehicle crashes, homicides, or other causes indirectly induced to drug use.
- Deaths to Idaho residents: Drug-induced deaths to Idaho residents include all deaths where drug use/abuse was listed as the underlying cause of death, regardless of where the death occurred.

WHERE THE INFORMATION COMES FROM:

Literal information reported on the Idaho death certificate in the cause-of-death section and a check box marked to manner of death are used to assign an International Classification of Diseases (ICD-10) code for the underlying cause of death. The ICD-10 code and the literal information are used to categorize the drug(s) involved in the death. For a full list of these codes, see the Technical Notes section on page 59.

Death certificates with the verbiage 'abuse' or 'usage' were coded to a natural manner of death, F19.1, (Mental and behavioral disorders due to multiple drug use and use of other psychoactive substances). Death certificates with the verbiage 'overdose' were coded to an accidental (unintentional), suicide, homicide, or undetermined manner of death depending on the manner of death reported by the coroner.

WHO DETERMINES THE CAUSE OF DEATH:

Physicians and other Idaho registered certifiers determine the factor(s) that make up the underlying cause of death. If the death was due to an external cause of death, a cause due to something other than a natural cause of death, a coroner must complete and sign the death certificate. This information is submitted to the Bureau of Vital Records and Health Statistics where the literal information is used to determine the ICD-10 code for the underlying cause of death.

The underlying causes of death (and associated ICD-10 codes) were used for analysis for Idaho resident deaths in this report.

LIMITATIONS

Idaho Vital Records receives death records for Idaho resident deaths occurring out of state. These records list the ICD-10 code for underlying cause of death. However, literal information on immediate cause, conditions leading to the immediate cause, underlying cause, other significant contributing conditions, and description of how the injury occurred was not provided to Idaho Vital Records prior to 2011.

The type of drug is highly underreported. From 2009 to 2013, 42.4 percent of drug-induced deaths did not specify the drugs on the death certificate. Multiple-cause of death data files with ICD-10 codes associated with type of drug(s) listed on the certificate were used for analysis; however, the multiple-cause of death file(s) were only available for out-of-state deaths beginning in 2011. Prior to 2011, type of drug is reported as unknown for out-of-state deaths.

HIGHLIGHTS

TREND (2004-2013):

- From 2004 to 2013 there were 1,652 drug-induced Idaho resident deaths. The annual number of drug-induced deaths more than doubled, from 111 deaths in 2004 to 227 deaths in 2013.
- Idaho's death rate for drug-induced death continued to be lower than the U.S. average.
- From 2004 to 2013, Idaho's death rate increased by 76.7 percent, while the national rate increased by 40.0 percent.
- The death rate for accidental poisoning by drugs increased 87.2 percent from 2004 to 2013, and was the leading cause of drug-induced deaths.
- The death rate for drug-induced intentional self-harm (suicide) deaths rose 127.3 percent from 2004 to 2013, and was the second-leading cause of drug-induced deaths from 2004 to 2013.
- From 2004 to 2013, the total number of drug-induced deaths was higher for men than for women but the death rate increased more for females (87.8 percent) than for males (67.4 percent).
- From 2004 to 2013, the number and death rate of drug-induced deaths increased for all age-groups. The death rate more than doubled for Idaho residents aged 45 to 64.

FIVE-YEAR AGGREGATE (2009-2013):

- From 2009 to 2013 there were 998 Idaho resident drug-induced deaths. The rate of drug-induced deaths increased 15.1 percent during this period, from 12.6 deaths per 100,000 population in 2009 (184 deaths) to 14.5 deaths per 100,000 population in 2013 (227 deaths).
- A total of ninety-five percent (95.3 percent) of Idaho resident drug-induced deaths occurred within the state.
- District 6 had the highest drug-induced death rate (14.9 per 100,000 population), which was 18.3 percent higher than the rate for Idaho (12.6 per 100,000 population).
- Ada County had the highest number of residents who died from a drug-induced cause, but not the highest rate (252 deaths, 12.6 per 100,000 population).
- Females had the highest number of drug-induced deaths as well as the highest death rate (505 deaths, 12.8 per 100,000 population, compared to 493 male drug-induced deaths, 12.4 per 100,000 population).
- Individuals aged 45 to 54 had the highest number of drug-induced deaths as well as the highest death rate (295 deaths, 28.8 per 100,000 population).
- Over half of the drug-induced deaths to Idaho residents were the result of an accidental poisoning.

SUMMARY

TREND

From 2004 to 2013, 1,652 Idahoans died from a drug overdose or from long-term drug abuse (substance use disorder). Over this period, the drug-induced death rate for Idaho residents increased by 76.7 percent. Although the death rate for Idaho residents is historically lower than the death rate for the United States, Idaho's death rate is rising more rapidly.

FIVE-YEAR AGGREGATE (2009-2013)

The total number of drug-induced deaths was 998 and the rate was 12.6 deaths per 100,000 Idaho residents. The highest number of deaths (227) and the highest death rate (14.1 per 100,000) of drug-induced deaths in Idaho history was recorded in 2013.

AGE AND GENDER

From 2009 to 2013, the number and rate for drug-induced deaths among women (505 deaths, 12.8 deaths per 100,000) was slightly higher than for men (493 deaths, 12.4 deaths per 100,000). For both genders, the highest rates of death were among those aged 45 to 54. For all age groups the number was higher for women, except for those aged less than 35 years where males were higher, and for the 65+ age-group where the number was even.

CAUSE OF DEATH

Accidental poisoning was the leading cause of death for all drug-induced deaths, from 2009 to 2013 with 583 deaths (58.4 percent). Suicide was the second-leading cause of drug-induced death (19.4 percent), followed by deaths in which the intent could not be determined (16.0 percent), and long-term drug use (6.0 percent of drug-induced deaths). Less than one percent of drug-induced deaths were due to homicide.

GEOGRAPHIC VARIATION

The vast majority (95.3 percent) of drug-induced deaths to Idaho residents occurred in Idaho. The death rates varied by district and county. District 1 recorded the lowest death rate (11.1 drug-induced deaths per 100,000), and District 6 the highest rate (14.9 deaths per 100,000). From 2009 to 2013, Ada County had the most drug-induced deaths (252) at a rate of 12.6 per 100,000, which was the same as Idaho's average.

TYPE OF DRUG

The type of drug is highly underreported on the death certificate. From 2009 to 2013, 575 (57.6 percent) drug-induced death certificates listed specific drugs. While District 4 reported specific drugs on 84.9 percent of the death certificates (highest), District 7 reported specific drugs on only 31.3 percent of the death certificates (lowest). Multiple drugs can be listed on one certificate, and of the 575 certificates that listed specific drugs, there were 1,015 mentions of a specific type of drug. Of the 575 death certificates that listed a specific drug, 491 (85.4 percent) listed prescription drugs, and 144 certificates (25.0 percent) listed nonprescription drugs. In addition, there were 214 certificates that did not specify a specific type of drug, but they did list “prescription” or “pain medication”.

Prescription opioid pain relievers are mentioned most frequently on the death certificate for drug-induced deaths. With 402 mentions on 363 drug-induced death certificates they are listed on 36.4 percent of all drug-induced death certificates and on 63.1 percent of all drug-induced death certificates that list a specific drug. Prescription opioids include oxycodone, morphine, methadone and other opioid pain relievers than can be obtained legally with a prescription or illegally without. Other frequently mentioned drugs include benzodiazepines (126 certificates) and psycho-stimulants with abuse potential, such as methamphetamine (86 certificates).

ACCIDENTAL DRUG-INDUCED DEATHS

Since 2004, the rate of death has increased by 87.2 percent to a high of 8.8 deaths per 100,000 population in 2013. During the five-year period of 2009 to 2013, accidental drug-induced deaths accounted for 58.4 percent (583 deaths) of all drug-related deaths. District 7 had the highest rate of accidental deaths (10.8 deaths per 100,000), while District 5 had the lowest rate (4.1 deaths per 100,000 population). Idaho residents aged 45 to 54 have the highest rate of accidental drug-induced deaths at 16.6 deaths per 100,000 aged 45 to 54; however, the highest number of deaths (172 deaths) was to those aged 34 years or younger. Females accounted for 50.6 percent, of accidental drug-induced deaths from 2009 to 2013.

INTENTIONAL SELF-HARM (SUICIDE) DRUG-INDUCED DEATHS

From 2009 to 2013, there were 194 intentional self-harm (suicide) drug-induced deaths to Idaho residents, which accounted for 19.4 percent of all drug deaths. District 5 had the highest rate of intentional self-harm (suicide) drug-induced deaths (3.6 deaths per 100,000), while District 2 had the lowest (0.8 deaths per 100,000 population). Idaho residents aged 45 to 54 had both the highest number (69 deaths) and the highest rate of intentional self-harm drug-induced deaths at 6.7 deaths per 100,000. Females accounted for the majority, 55.2 percent, of drug-induced suicide deaths from 2009 to 2013.

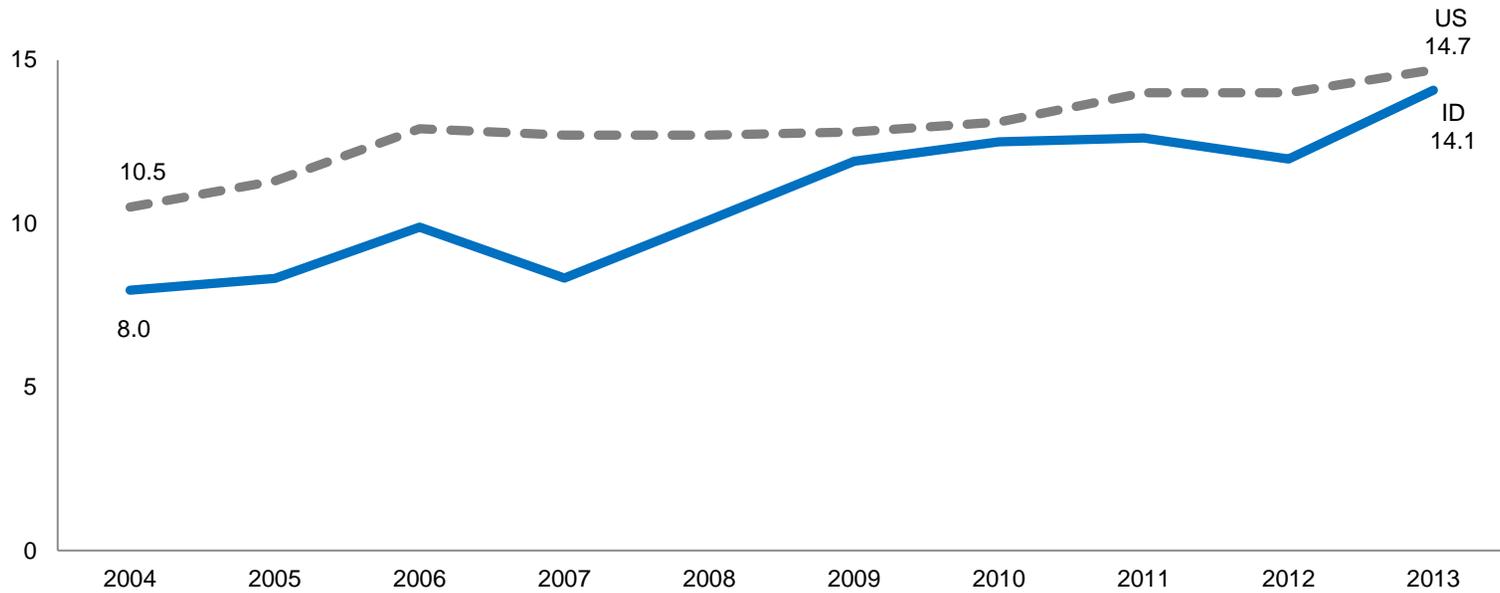
UNDETERMINED INTENT DRUG-INDUCED DEATHS

Drug-induced deaths with undetermined intent accounted for 16.0 percent (160 deaths) of all drug-induced deaths from 2009 to 2013. District 6 had the highest rate of undetermined intent drug-induced deaths (7.3 deaths per 100,000), while District 2 had the lowest (0.4 deaths per 100,000 population). Idaho residents aged 45 to 54 have both the highest number (50 deaths) and the highest rate of undetermined intent drug-induced deaths at 4.9 deaths per 100,000. Males accounted for the majority, 51.9 percent, of undetermined intent drug-induced deaths from 2009 to 2013.



ALL DRUG-INDUCED DEATHS

Idaho Resident Drug-Induced Deaths Death Rate* by Year Ten-Year Trend 2004-2013



Idaho Resident Drug-Induced Deaths Number of Deaths and Death Rate* by Year Ten-Year Trend 2004-2013

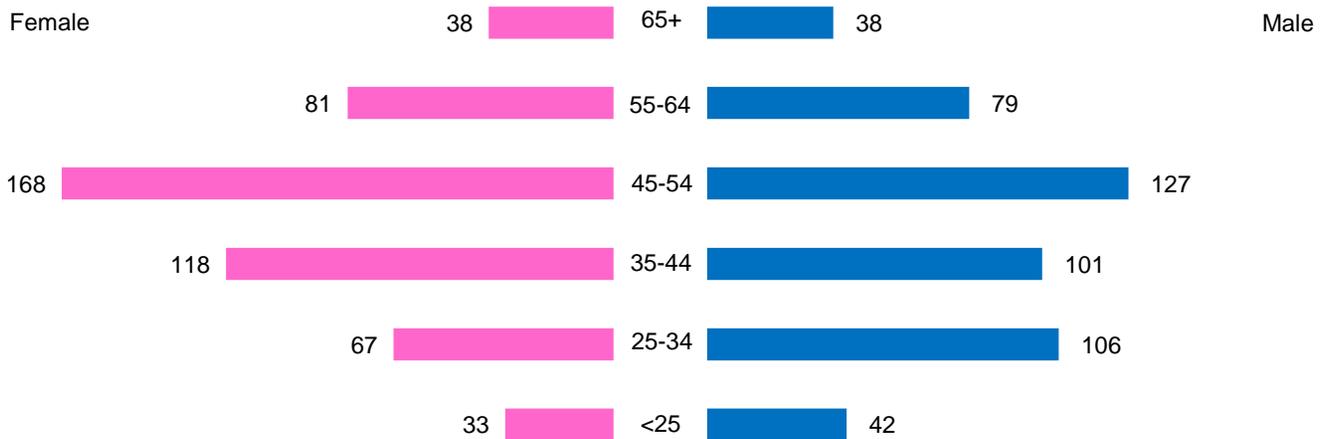
		Total	Year									
			2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Idaho	Number	1,652	111	119	145	125	154	184	196	200	191	227
	Rate	10.0	8.0	8.3	9.9	8.3	10.1	11.9	12.5	12.6	12.0	14.1
US	Number	393,042	30,711	33,541	38,396	38,371	38,649	39,147	40,393	43,544	43,819	46,471
	Rate	12.9	10.5	11.3	12.9	12.7	12.7	12.8	13.1	14.0	14.0	14.7

*Crude rate per 100,000 population

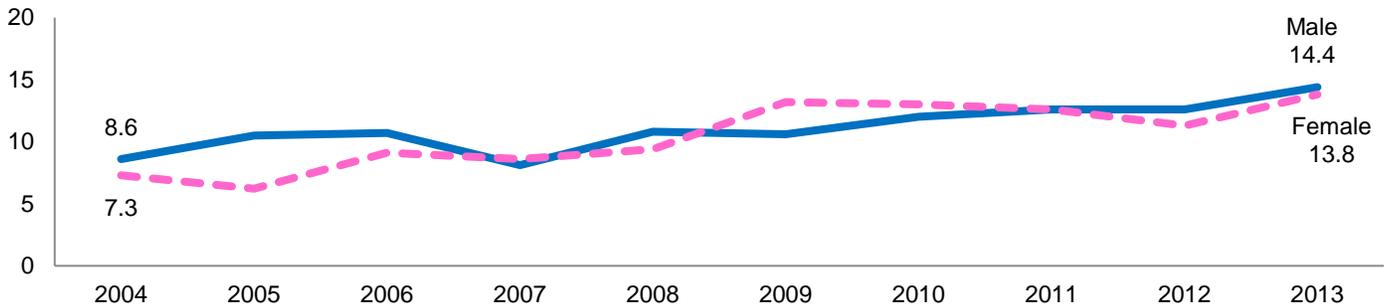
**Idaho Resident Drug-Induced Deaths
Number of Deaths and Death Rate* by Gender
Five-Year Aggregate 2009-2013**

Drug Induced Deaths	Total			Year				
	Number	Rate	Percent	2009	2010	2011	2012	2013
Total	998	12.6	100.0	184	196	200	191	227
Female	505	12.8	50.6	102	102	100	90	111
Male	493	12.4	49.4	82	94	100	101	116

**Idaho Resident Drug-Induced Deaths
Number of Deaths by Gender and Age Group
Five-Year Aggregate 2009-2013**



**Idaho Resident Drug-Induced Deaths
Death Rate* by Gender
Ten-Year Trend 2004-2013**

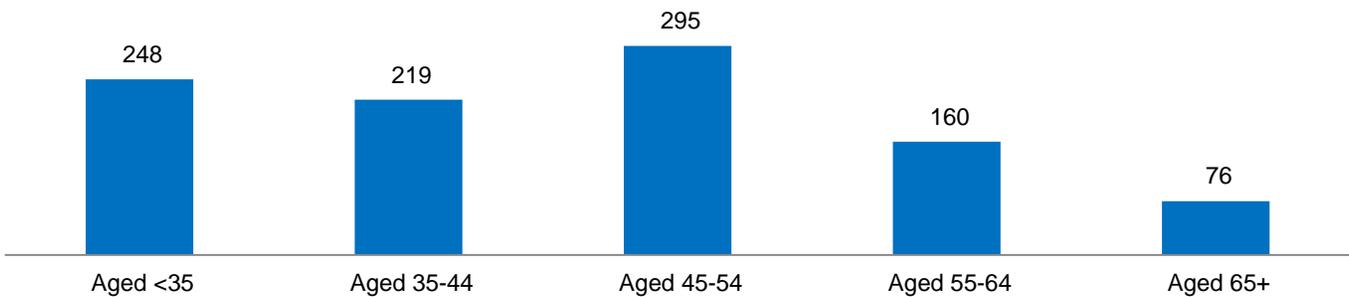


*Crude rate per 100,000 population.

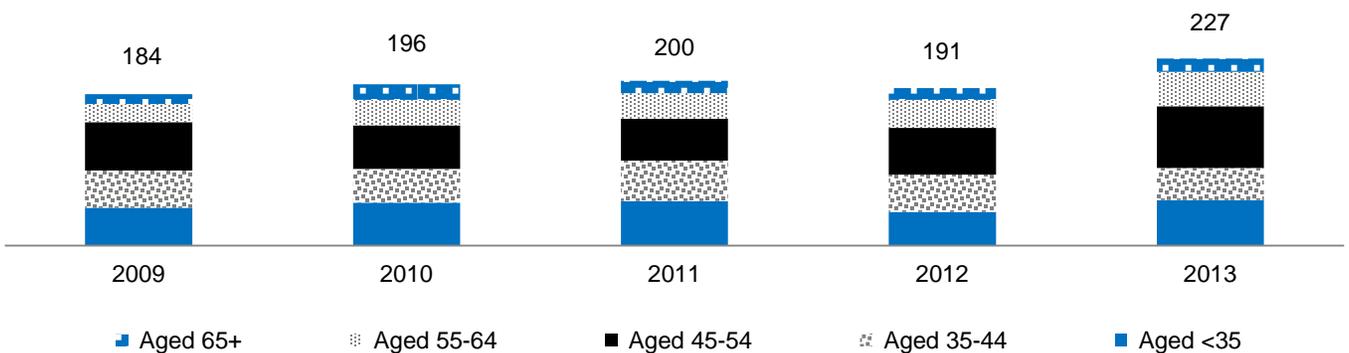
**Idaho Resident Drug-Induced Deaths
Number of Deaths and Death Rate* by Age Group
Five-Year Aggregate 2009-2013**

Drug-induced deaths	Total			Year				
	Number	Rate	Percent	2009	2010	2011	2012	2013
By Age Group	998	12.6	100.0	184	196	200	191	227
Aged <35	248	9.0	24.8	46	52	54	41	55
Aged 35-44	219	22.7	21.9	45	41	49	45	39
Aged 45-54	295	28.8	29.6	59	53	51	57	75
Aged 55-64	160	17.2	16.0	22	31	31	34	42
Aged 65+	76	7.4	7.6	12	19	15	14	16

**Idaho Resident Drug-Induced Deaths
Number of Deaths by Age Group
Five-Year Aggregate 2009-2013**



**Idaho Resident Drug-Induced Deaths
Number of Deaths by Year and Age Group
Five-Year Aggregate 2009-2013**

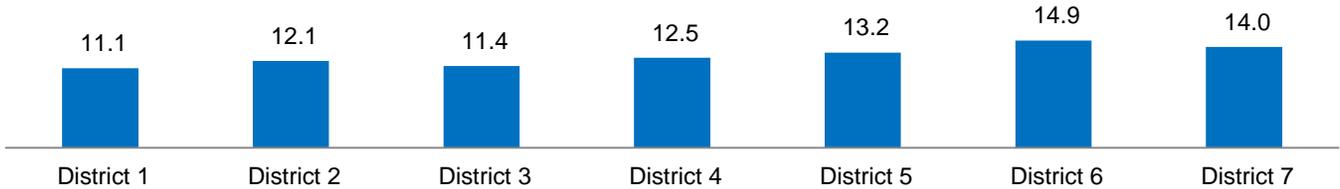


*Crude Rate per 100,000 population

**Idaho Resident Drug-Induced Deaths
Number of Deaths and Death Rate* by District of Residence
Five-Year Aggregate 2009-2013**

	Total		Year									
			2009		2010		2011		2012		2013	
	Number	Rate										
District 1	119	11.1	28	13.1	23	10.8	22	10.3	25	11.6	21	9.7
District 2	64	12.1	12	11.5	14	13.3	15	14.1	14	13.1	9	8.4
District 3	144	11.4	26	10.5	29	11.6	30	11.9	25	9.8	34	13.1
District 4	278	12.5	51	11.9	54	12.4	59	13.3	47	10.4	67	14.6
District 5	123	13.2	27	15.0	29	15.6	22	11.8	22	11.8	23	12.2
District 6	126	14.9	22	13.2	19	11.2	25	14.7	31	18.3	29	17.2
District 7	144	14.0	18	9.0	28	13.7	27	13.1	27	13.1	44	21.2

**Idaho Resident Drug-Induced Deaths
Death Rate* by District of Residence
Five-Year Aggregate 2009-2013**



**Idaho Resident Drug-Induced Deaths
Occurrence of Death by District of Residence
Five-Year Aggregate 2009-2013**

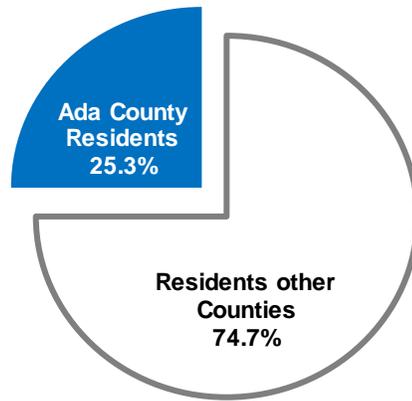
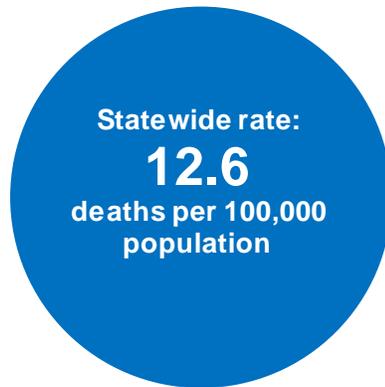
	Occurrence of Death			
	In Idaho		Out of State	
	Number	Percent	Number	Percent
Total	951	95.3	47	4.7
District 1	104	87.4	15	12.6
District 2	57	89.1	7	10.9
District 3	141	97.9	3	2.1
District 4	268	96.4	10	3.6
District 5	121	98.4	2	1.6
District 6	122	96.8	4	3.2
District 7	138	95.8	6	4.2

*Crude rate per 100,000 population.

**Idaho Resident Drug-Induced Deaths
Number of Deaths and Death Rate* by County of Residence
Five-Year Aggregate 2009-2013**

	County	Deaths	Rate
District 1	Benewah	5	10.9
	Bonner	18	8.8
	Boundary	12	22.1
	Kootenai	72	10.2
	Shoshone	12	18.9
District 2	Clearwater	4	9.4
	Idaho	7	8.7
	Latah	16	8.5
	Lewis	4	20.9
	Nez Perce	33	16.7
District 3	Adams	-	-
	Canyon	99	10.3
	Gem	16	19.2
	Owyhee	7	12.3
	Payette	18	15.8
	Washington	4	7.9
District 4	Ada	252	12.6
	Boise	5	14.2
	Elmore	15	11.1
	Valley	6	12.7
District 5	Blaine	15	14.0
	Camas	2	36.6
	Cassia	5	4.4
	Gooding	7	9.2
	Jerome	14	12.6
	Lincoln	3	11.7
	Minidoka	12	12.0
	Twin Falls	65	16.7
	District 6	Bannock	90
Bear Lake		7	23.6
Bingham		18	7.9
Butte		-	-
Caribou		4	11.7
Franklin		4	6.3
Oneida		2	9.4
Power		1	2.6
District 7		Bonneville	106
	Clark	-	-
	Custer	3	13.9
	Fremont	6	9.2
	Jefferson	14	10.7
	Lemhi	6	15.3
	Madison	7	3.7
	Teton	2	4.0

District 1 → Lowest death rate (11.1)



Number of Deaths

District 6 → Highest death rate (14.9)

*Crude rate per 100,000 population.

**Idaho Resident Drug-Induced Deaths
Number of Deaths by Residence City
Five-Year Aggregate 2009-2013**

Residence City	Number of Deaths	Residence City	Number of Deaths	Residence City	Number of Deaths	Residence City	Number of Deaths
Boise	187	Post Falls	16	Eagle	9	Parma	6
Idaho Falls	91	Garden City	15	Kuna	9	Payette	6
Pocatello	66	Blackfoot	14	Rigby	9	Rathdrum	6
Nampa	55	Moscow	14	Bonnars Ferry	8	Burley	5
Twin Falls	51	Ammon	13	Hayden	7	Inkom	5
Coeur D'Alene	38	Jerome	13	Rexburg	7	Montpelier	5
Caldwell	34	Mountain Home	12	Filer	6	New Plymouth	5
Meridian	30	Chubbuck	11	Fruitland	6	Salmon	5
Lewiston	28	Rupert	11	Hailey	6	St. Anthony	5
Emmett	16	Sandpoint	10	All other cities with less than 5 drug-induced deaths			158

**Idaho Resident Drug-Induced Deaths
Number of Deaths by Residence City and Place of Death
Five-Year Aggregate 2009-2013**

Residence City	Total	Hospital Inpatient		Hospital Outpatient/ER		Nursing Home		Decedents home		Other	
	Number	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Idaho Total	998	97	9.7	80	8.0	20	2.0	646	64.7	155	15.5
Boise	187	17	9.1	11	5.9	3	1.6	118	63.1	38	20.3
Idaho Falls	91	6	6.6	7	7.7	1	1.1	61	67.0	16	17.6
Pocatello	66	9	13.6	9	13.6	-	-	41	62.1	7	10.6
Nampa	55	5	9.1	3	5.5	-	-	41	74.5	6	10.9
Twin Falls	51	1	2.0	2	3.9	1	2.0	43	84.3	4	7.8
Coeur D'Alene	38	7	18.4	2	5.3	2	5.3	17	44.7	10	26.3
Caldwell	34	2	5.9	4	11.8	-	-	25	73.5	3	8.8
Meridian	30	4	13.3	1	3.3	1	3.3	21	70.0	3	10.0
Lewiston	28	3	10.7	2	7.1	3	10.7	18	64.3	2	7.1
All Other Cities (< 20 Deaths)	418	43	10.3	39	9.3	9	2.2	261	62.4	67	16.0

**Idaho Resident Drug-Induced Deaths
Number of Deaths by Race and Ethnicity
Five-Year Aggregate 2009-2013**

	Idaho Total	Race						Ethnicity		
		White	Black	American Indian	Asian Pacific Islander	Other race	Not stated	Non-Hispanic	Hispanic	Not stated
Number of Deaths	998	956	4	24	6	7	1	952	41	5
Rate	12.6	12.7	4.6	16.0	4.5	NA	NA	13.6	4.6	NA
Percentage (%)	100.0	95.8	0.4	2.4	0.6	0.7	0.1	95.4	4.1	0.5

**Idaho Resident Drug-Induced Deaths
Years of Potential Life Lost Before Age 75
Five-Year Aggregate 2009-2013**

Cause of death	Persons aged less than 75 years		Years of potential life lost (YPLL) before age 75		
	Number of deaths	Percentage of all Idaho deaths	Average number of YPLL per death	Total number of YPLL	YPLL Rate*
Total drug-induced deaths	956	3.8	31.1	29,730	398.1
Accidental poisoning by drugs	574	2.3	32.5	18,670	250.0
Intentional self-harm by drugs	192	0.8	28.4	5,452	73.0
Undetermined intent poisoning by drugs	157	0.6	31.5	4,947	66.2
Psychoactive drug use/abuse	32	0.1	19.3	616	8.2
Assault by drugs	1	**	45.5	46	0.6

NA: not applicable.

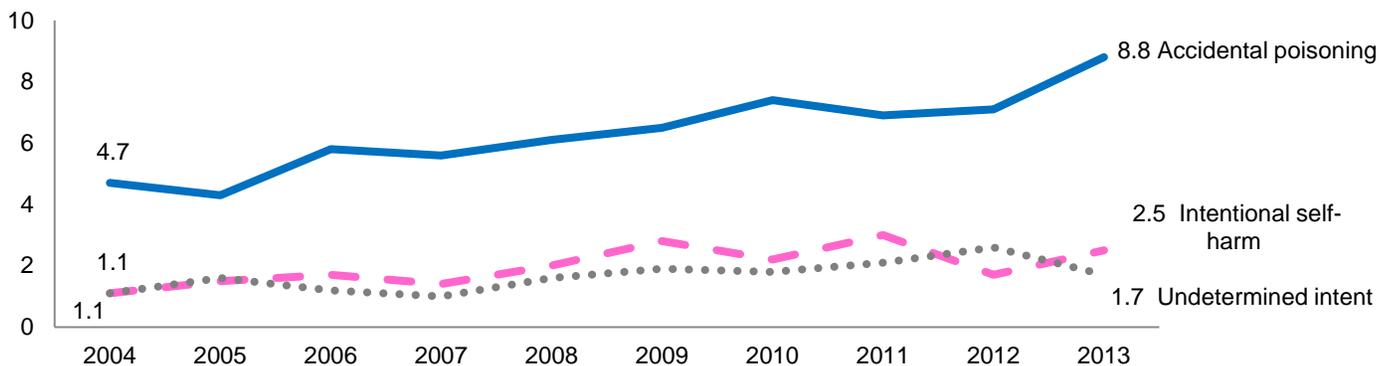
* YPLL Rate: Total number of years of potential life lost per 100,000 aged less than 75 years.

** Represents a percentage that rounds to less than 0.1%.

Note: The reader is cautioned that rates based on small numbers (< 20 events) are considered unstable; caution must be exercised when attempting to draw conclusions from small databases.

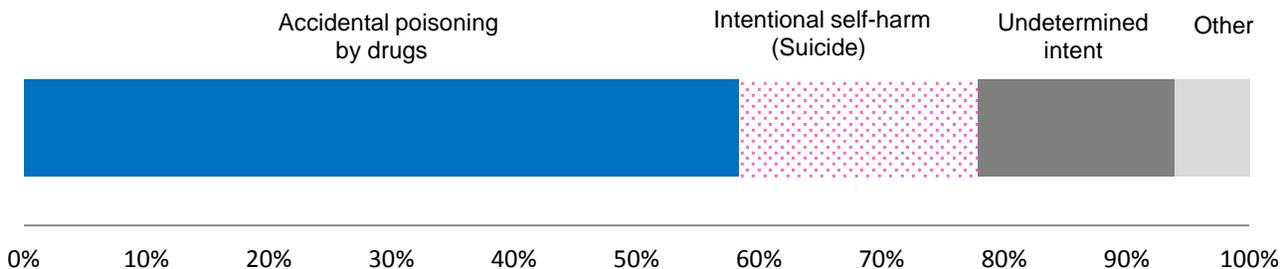
Idaho Resident Drug-Induced Deaths Crude Rate* by Manner Ten-Year Trend 2004-2013

Manner ¹	Year										10 Year Increase (%)
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
Accidental poisoning	4.7	4.3	5.8	5.6	6.1	6.5	7.4	6.9	7.1	8.8	87.2
Intentional self-harm	1.1	1.5	1.7	1.4	2.0	2.8	2.2	3.0	1.7	2.5	127.3
Undetermined intent	1.1	1.6	1.2	1.0	1.6	1.9	1.8	2.1	2.6	1.7	54.5



Idaho Resident Drug-Induced Deaths Percent by Manner Five-Year Aggregate 2009-2013

Manner	Total			Year				
	Number	Rate*	Percent	2009	2010	2011	2012	2013
Total	998	12.6	100.0	184	196	200	191	227
Accidental poisoning by drugs	583	7.4	58.4	101	116	110	114	142
Assault by drugs	1	**	0.1	-	-	-	1	-
Intentional self-harm (suicide) by drugs	194	2.5	19.4	44	35	48	27	40
Undetermined intent poisoning by drugs	160	2.0	16.0	29	29	34	41	27
Other drug-related deaths	60	0.8	6.0	10	16	8	8	18



*Crude rate per 100,000 population.

**Represents a rate that rounds to less than 0.1 per 100,000 population. Dash (-) represents zero.

¹Assault by drugs and 'Other' drug-related deaths are not included in this table/graph.

**Idaho Resident Drug-Induced Deaths
Number of Deaths and Death Rate* by Manner
Five-Year Aggregate 2009-2013**

Cause of death	ICD-10 Code	Idaho			United States		
		Number	Rate	Percent	Number	Rate	Percent
Total drug-induced deaths		998	12.6	100.0	213,374	13.7	100.0
Accidental poisoning by drugs	X40-X44	583	7.4	58.4	160,669	10.3	75.3
Nonopioid analgesics, antipyretics, and antirheumatics	X40	4	0.1	0.4	1,139	0.1	0.5
Antiepileptic, sedative-hypnotic, antiparkonism and psychotropic drugs NEC	X41	68	0.9	6.8	10,878	0.7	5.1
Narcotics and psychodysleptics (hallucinogens) not elsewhere classified	X42	133	1.7	13.3	67,125	4.3	31.5
Other drugs acting on the autonomic nervous system	X43	-	-	-	92	**	**
Other and unspecified drugs, medicaments, and biological substances	X44	378	4.8	37.9	81,435	5.2	38.2
Intentional self-harm by drugs	X60-X64	194	2.5	19.4	26,534	1.7	12.4
Nonopioid analgesics, antipyretics, and antirheumatics	X60	3	**	0.3	821	0.1	0.4
Antiepileptic, sedative-hypnotic, antiparkonism and psychotropic drugs NEC	X61	34	0.4	3.4	4,774	0.3	2.2
Narcotics and psychodysleptics (hallucinogens) NEC	X62	15	0.2	1.5	3,462	0.2	1.6
Other drugs acting on the autonomic nervous system	X63	-	-	-	189	**	0.1
Other and unspecified drugs, medicaments, and biological substances	X64	142	1.8	14.2	17,288	1.1	8.1
Assault by drugs, medicaments, and biological substances	X85	1	**	0.1	378	**	0.2
Undetermined intent poisoning by drugs	Y10-Y14	160	2.0	16.0	14,576	0.9	6.8
Nonopioid analgesics, antipyretics, and antirheumatics	Y10	1	**	0.1	219	**	0.1
Antiepileptic, sedative-hypnotic, antiparkonism and psychotropic drugs NEC	Y11	10	0.1	1.0	1,321	0.1	0.6
Narcotics and psychodysleptics (hallucinogens) not elsewhere classified	Y12	38	0.5	3.8	5,581	0.4	2.6
Other drugs acting on the autonomic nervous system	Y13	-	-	-	21	**	**
Other and unspecified drugs, medicaments, and biological substances	Y14	111	1.4	11.1	7,434	0.5	3.5
Other drug related deaths	Footnote 1-3	60	0.8	6.0	11,217	0.7	5.3
Mental and behavioral disorders due to use of tobacco	Footnote 1	37	0.5	3.7	1,908	0.1	0.9
Mental and behavioral disorders due to other drugs	Footnote 2	22	0.3	2.2	9,238	0.6	4.3
Other drug related deaths	Footnote 3	1	**	0.1	71	**	**

* Crude rate per 100,000 population.

** Represents a percent that rounds to less than 0.1% or a rate that rounds to less than 0.1 per 100,000 population. Dash (-) represents zero.

1. ICD-10 Codes for mental and behavioral disorders due to use of tobacco: F17.0, F17.3-F17.5, and F17.7-F17.9.

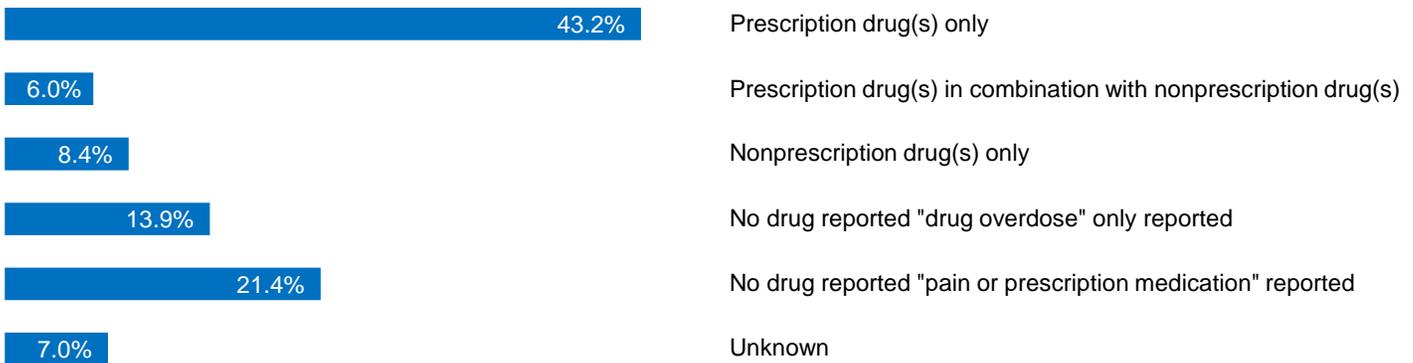
2. ICD-10 Codes for mental and behavioral disorders due to other drugs: F11.0-F11.5, F11.7-F11.9, F12.0-F12.5, F12.7-F12.9, F13.0-F13.5, F13.7-F13.9, F14.0-F14.5, F14.7-F14.9, F15.0-F15.5, F15.7-F15.9, F16.0-F16.5, F16.7-F16.9, F18.0-F18.5, F18.7-F18.9, F19.0-F19.5, and F19.7-F19.9.

3. ICD-10 Codes for other drug-related deaths: D52.1, D59.0, D59.2, D61.1, D64.2, E06.4, E16.0, E23.1, E24.2, E27.3, E66.1, G21.1, G24.0, G25.1, G25.4, G25.6, G44.4, G62.0, G72.0, I95.2, J70.2-J70.4, K85.3, L10.5, L27.0, L27.1, M10.2, M32.0, M80.4, M81.4, M83.5, M87.1, R50.2, R78.1-R78.5.

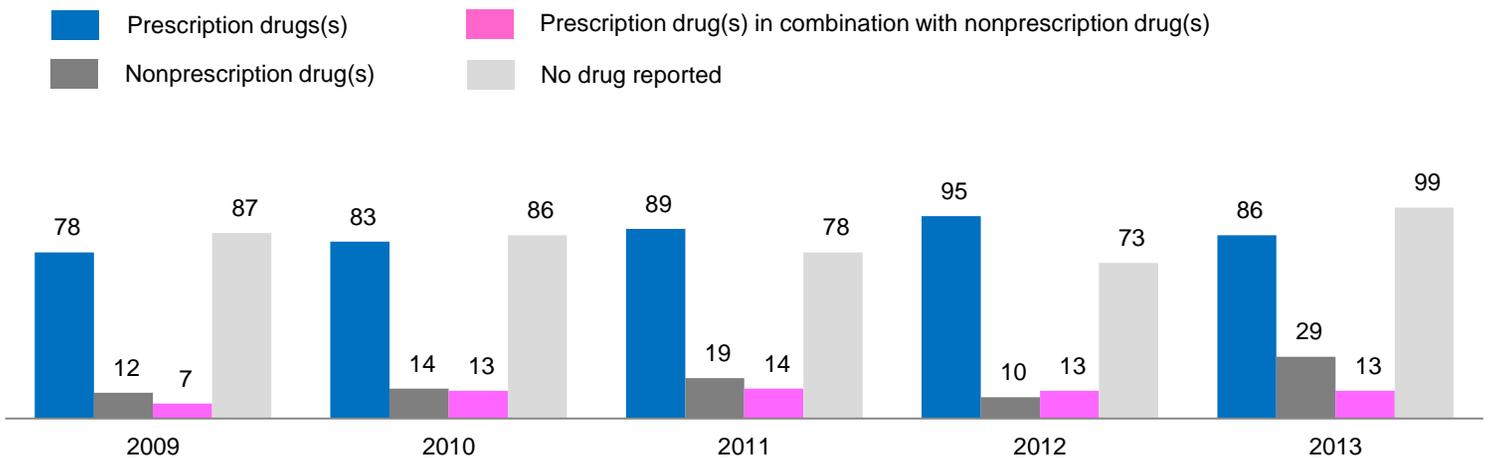
Idaho Resident Drug-Induced Deaths Number of Deaths from Prescription (RX) and Nonprescription Drugs Five-Year Aggregate 2009-2013

Type of drug	Total	Year				
		2009	2010	2011	2012	2013
Total	998	184	196	200	191	227
Prescription drug(s) only	431	78	83	89	95	86
Prescription drug(s) in combination with nonprescription drug(s)	60	7	13	14	13	13
Nonprescription drug(s) only	84	12	14	19	10	29
No Drug Reported "Drug Overdose" Only Reported	139	34	20	33	32	20
No Drug Reported "Pain Medication" or "Prescription Medication" Reported	214	37	44	36	33	64
Unknown	70	16	22	9	8	15

Idaho Resident Drug-Induced Deaths Percentage of Deaths from Prescription (RX) and Nonprescription Drugs Five-Year Aggregate 2009-2013

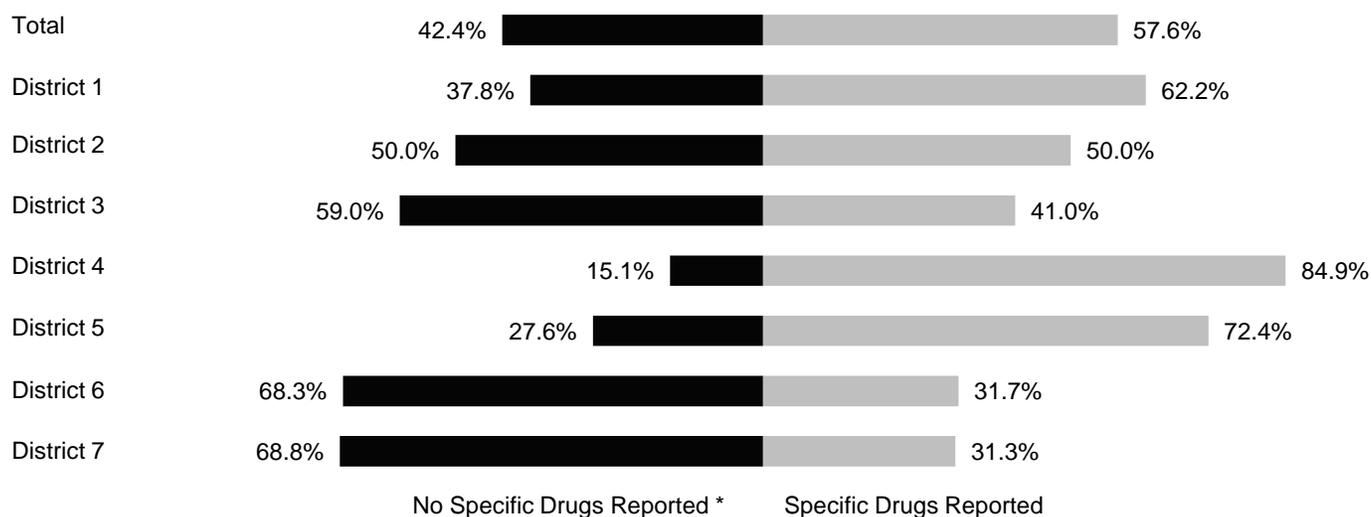


Idaho Resident Drug-Induced Deaths Number of Deaths from Prescription (RX) and Nonprescription Drugs Five-Year Aggregate 2009-2013



Idaho Resident Drug-Induced Deaths
Type of Drug(s) Mentioned on the Death Certificate by District
Five-Year Aggregate 2009-2013

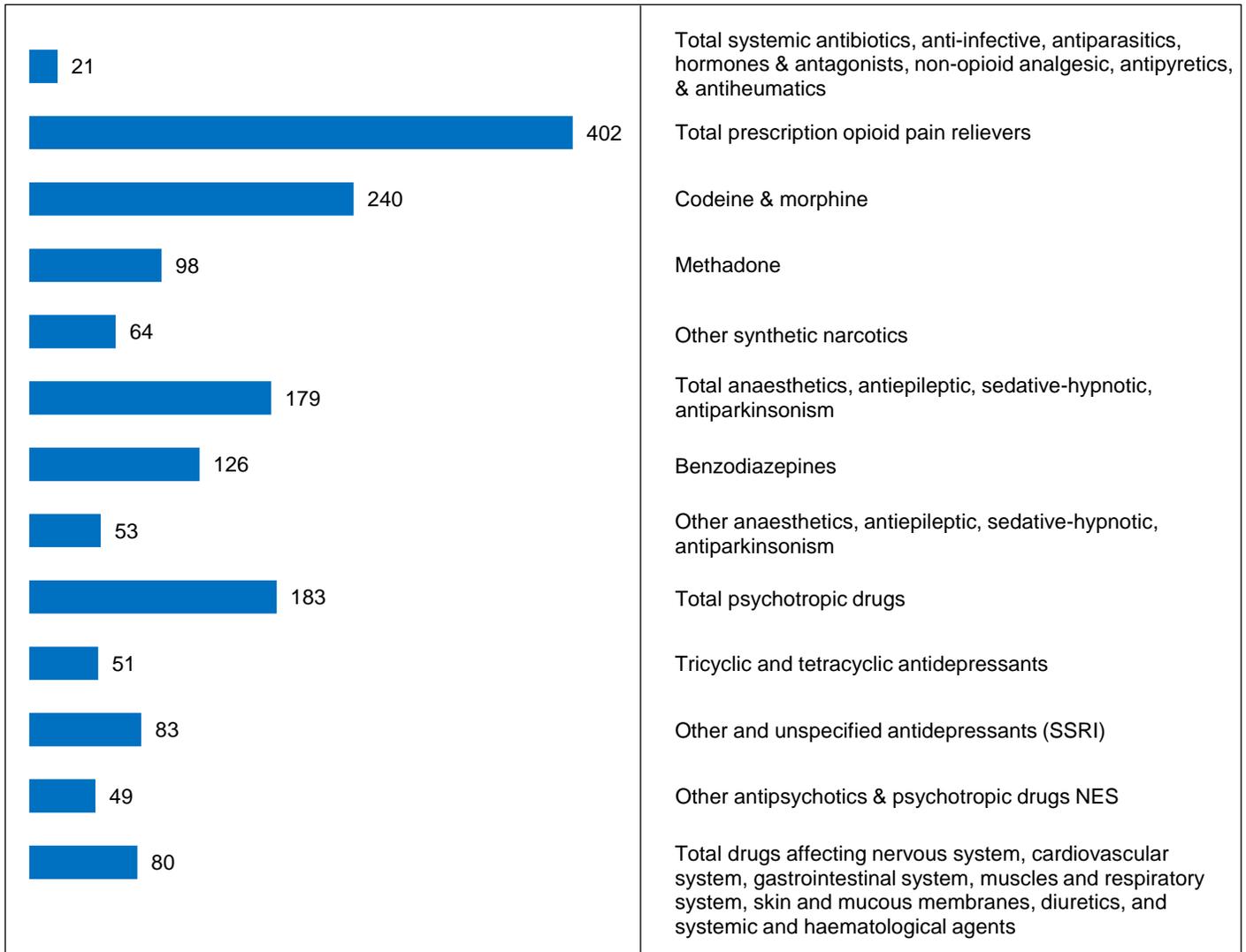
Type of Drug(s) listed	District of Residence							
	Total	1	2	3	4	5	6	7
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Prescription drug(s) listed only	43.2	45.4	26.6	27.1	70.1	51.2	22.2	24.3
Prescription drug(s) with nonprescription	6.0	10.9	10.9	2.1	6.1	9.8	3.2	2.8
Nonprescription drug(s) listed only	8.4	5.9	12.5	11.8	8.6	11.4	6.3	4.2
No specific drug(s) listed	35.4	28.6	29.7	52.1	10.4	19.5	63.5	63.9
Unknown	7.0	9.2	20.3	6.9	4.7	8.1	4.8	4.9



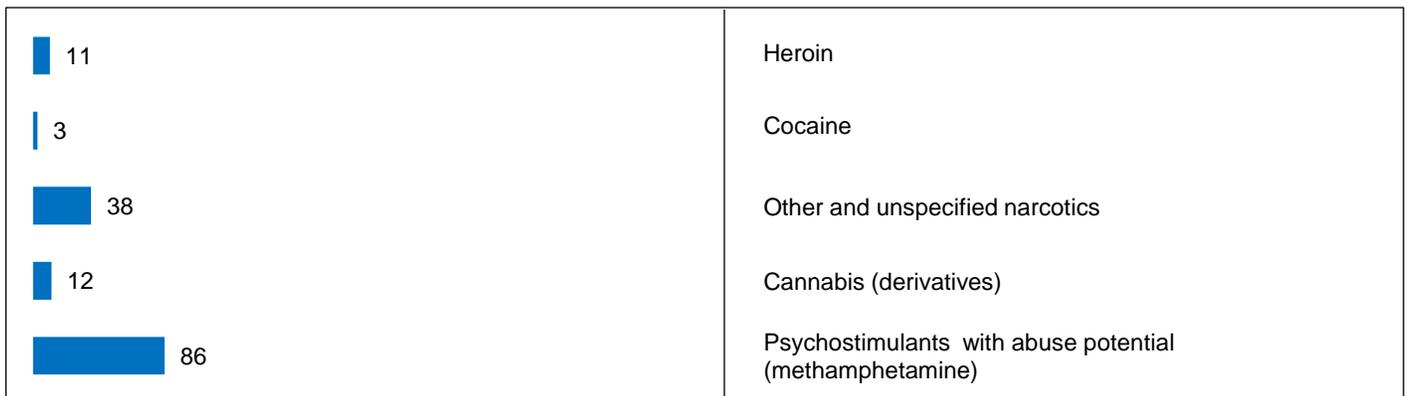
* Unknowns included

Idaho Resident Drug-Induced Deaths
Number of Drug(s) Listed on the Death Certificate by Specific Type of Drug
Five-Year Aggregate 2009-2013

Prescription Drugs

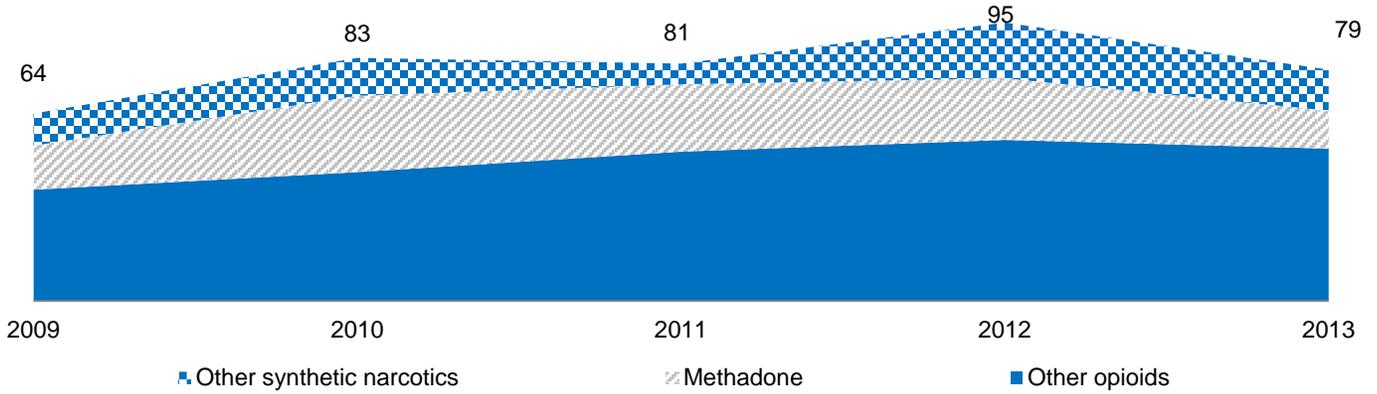


Nonprescription Drugs



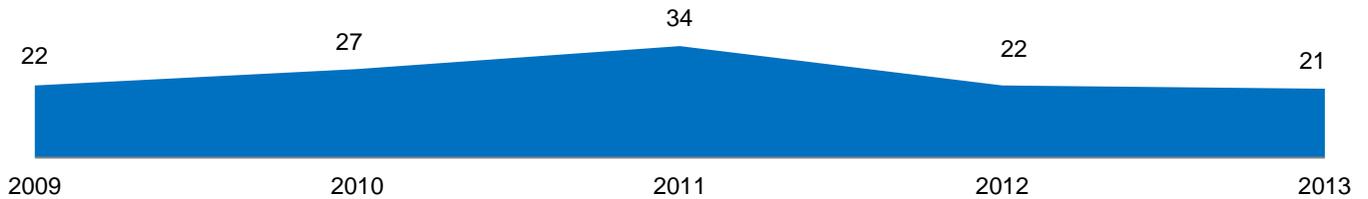
Idaho Resident Drug-Induced Deaths Number of Times a Specific Type of Drug was Listed Five-Year Aggregate 2009-2013

Opioid Pain Relievers



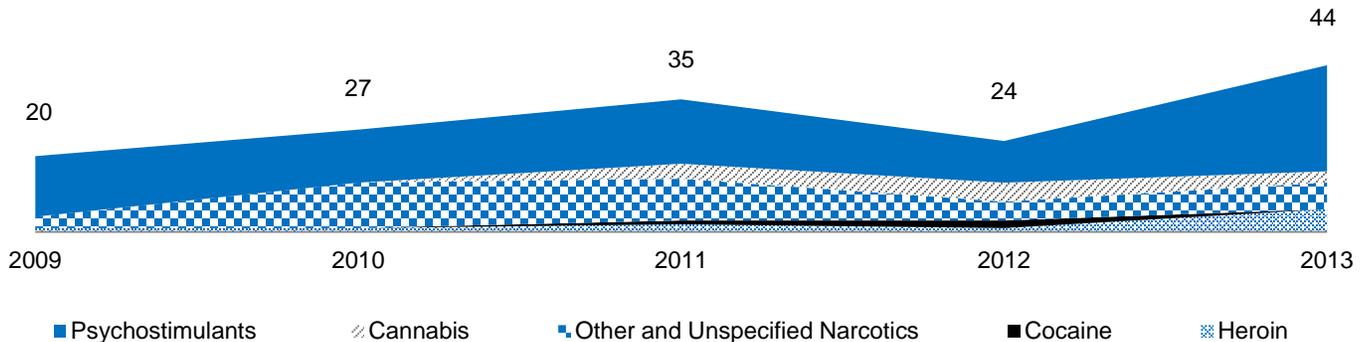
Opioid pain relievers were listed 402 times on a total of 363 drug-induced death certificates. Other opioids include: morphine, codeine, oxycodone, hydrocodone, hydromorphone, etc. This group of drugs was listed most often from 2009 to 2013. (listed on 240 drug-induced death certificates).

Benzodiazepines



Benzodiazepines were listed on 126 drug-induced death certificates.

Nonprescription Drugs



Nonprescription drugs were listed 150 times on a total of 144 drug-induced death certificates. Psychostimulants (including; methamphetamine) were listed most often as a nonprescription drug (listed on 86 drug-induced death certificates).

Idaho Resident Drug-Induced Deaths
Number of Deaths From Prescription (RX) Drugs and Number of Drugs Listed by Type of Drug
Five-Year Aggregate 2009-2013

Prescription Drugs	ICD-10 Code(s) Reported on Death Certificate	TOTAL	2009	2010	2011	2012	2013
Total Drug-induced Deaths From Specified Prescription Drug(s) Alone or in Combination with Non-Prescription Drugs		491	85	96	103	108	99
Number of Prescription Drugs Reported*	ICD-10 codes T36.0-T39.9, T40.2-T40.4, T41.0-T43.5, and / or T43.8-T50.8	865	167	172	184	176	166
Total Systemic antibiotics, anti-infective & antiparasitics, hormones & antagonists, non-opioid analgesic, antipyretics, & antiheumatics	T36.0-T39.9	21	3	6	5	4	3
Total Prescription Opioid Pain Relievers	T40.2-T40.4	402	64	83	81	95	79
Codeine & morphine	T40.2	240	38	44	51	55	52
Methadone	T40.3	98	15	26	23	21	13
Other synthetic narcotics	T40.4	64	11	13	7	19	14
Total Anaesthetics, antiepileptic, sedative-hypnotic, & antiparkinsonism	T41.0-T42.9	179	38	35	45	33	28
Benzodiazepines	T42.2	126	22	27	34	22	21
All other	T41.0-T42.1, T42.3-T42.9	53	16	8	11	11	7
Total Psychotropic Drugs	T43.0-T43.5 and T43.8-T43.9	183	43	33	42	29	36
Tricyclic and tetracyclic antidepressants	T43.0	51	12	12	11	8	8
Monoamine-oxidase-inhibitor antidepressants	T43.1	-	-	-	-	-	-
Other and unspecified antidepressants (SSRI)	T43.2	83	17	14	20	15	17
Other antipsychotics & psychotropic drugs NES	T43.3-T43.5 and T43.8-T43.9	49	14	7	11	6	11
Total drugs affecting nervous system, cardiovascular system, gastrointestinal system, muscles and respiratory system, skin and mucous membranes, diuretics, and systemic and haematological agents	T44.0-T50.8	80	19	15	11	15	20

Drug-induced deaths may include illegal narcotics, prescription medications, and over-the-counter medications. Drug-Induced deaths were defined as those with an underlying cause of death classified using the *International Classification of Diseases, 10th Revision* (ICD-10) codes. See Technical Notes for a full list of ICD-10 codes.

From 2009 to 2013, there were 998 drug-induced deaths among Idaho residents. Of the 998 deaths, 491 deaths (49.2%) were from prescription drug(s) alone or in combination with non-prescription drugs. Of the 491 deaths, there were 865 prescription drugs reported on the death certificates. Deaths with "prescription drug" reported with no mention of type of drug are not included in this table.

See technical notes for additional information.

Idaho Resident Drug-Induced Deaths
Number of Deaths From Non-Prescription Drugs and Number of Drugs Listed by Type of Drug
Five-Year Aggregate 2009-2013

Non-Prescription Drugs	ICD-10 Code(s) Reported on Death Certificate	TOTAL	2009	2010	2011	2012	2013
Total Drug-induced Deaths From Non-Prescription Drugs Alone or in Combination with Prescription Drugs		144	19	27	33	23	42
Number of Non-Prescription Drugs Reported*	ICD-10 codes T40.0-T40.1, T40.5-T40.9 or T43.6	150	20	27	35	24	44
Opium	T40.0	-	-	-	-	-	-
Heroin	T40.1	11	1	1	2	1	6
Cocaine	T40.5	3	-	-	1	2	-
Other and unspecified narcotics	T40.6	38	3	12	11	5	7
Cannabis (marijuana)	T40.7	12	-	-	4	5	3
Lysergide (LSD)	T40.8	-	-	-	-	-	-
Other and unspecified psychodysleptics	T40.9	-	-	-	-	-	-
Psychostimulants with abuse potential	T43.6	86	16	14	17	11	28

Drug-induced deaths may include illegal narcotics, prescription medications, and over-the-counter medications. Drug-Induced deaths were defined as those with an underlying cause of death classified using the *International Classification of Diseases, 10th Revision* (ICD-10) codes. See Technical Notes for a full list of ICD-10 codes.

From 2009 to 2013, there were 998 drug-induced overdose deaths among Idaho residents. Of the 998 deaths, 144 deaths (14.4%) reported non-prescription drug(s) alone or in combination with prescription drug(s). Of the 144 drug deaths from non-prescription drug(s), 150 non-prescription drugs were reported on the death certificates.

See technical notes for additional information.

**Idaho Resident Drug-Induced Deaths
Number of Deaths From Prescription (RX) and Non-Prescription Drugs
Five-Year Aggregate 2009-2013**

Type of Drug	ICD-10 Code(s) Reported on Death Certificate	TOTAL	District 1	District 2	District 3	District 4	District 5	District 6	District 7
Total Deaths From Drugs		998	119	64	144	278	123	126	144
Prescription Drug(s) Only	T36.0-T39.9, T40.2-T40.4, T41.0-T43.5, or T43.8-T50.8	431	54	17	39	195	63	28	35
Prescription Drug(s) in Combination With Non-Prescription Drug(s)	T36.0-T39.9, T40.2-T40.4, T41.0-T43.5, or T43.8-T50.8 and T40.0-T40.1, T40.5-T40.9, or T43.6	60	13	7	3	17	12	4	4
Non-Prescription Drug(s) Only	T40.0-T40.1, T40.5-T40.9, or T43.6	84	7	8	17	24	14	8	6
No Drug Reported "Drug Overdose" Only Reported	T50.9 without "prescription" reported on certificate	139	29	7	7	14	9	63	10
No Drug Reported "Pain Medication" or "Prescription - Medication" Reported	T50.9 with "prescription" or "pain" medication reported on certificate	214	5	12	68	15	15	17	82
Unknown*		70	11	13	10	13	10	6	7

From 2009 to 2013, 423 out of 998 (42.4%) drug-induced deaths did not specify the drug(s) on the death certificate.

Drug-induced deaths may include illegal narcotics, prescription medications, and over-the-counter medications. Drug-Induced deaths were defined as those with an underlying cause of death classified using the *International Classification of Diseases, 10th Revision* (ICD-10) codes. See Technical Notes for a full list of ICD-10 codes.

From 2009 to 2013, there were 998 drug-induced overdose deaths among Idaho residents. Of the 998 deaths, 431 deaths (43.2%) reported prescription drug(s) only; 60 deaths (6.0%) reported prescription drug(s) in combination with non-prescription drug(s); 84 deaths (8.4%) reported non-prescription drug(s) only; 139 deaths (13.9%) reported "drug overdose with no mention of drug(s), and 214 deaths (21.4 %) reported "prescription drug overdose" with no mention of drug(s). An additional 70 deaths (7.0%) had no information on type of drug(s).

This table is based on the number of deaths, not the number of drugs reported on the death certificates.

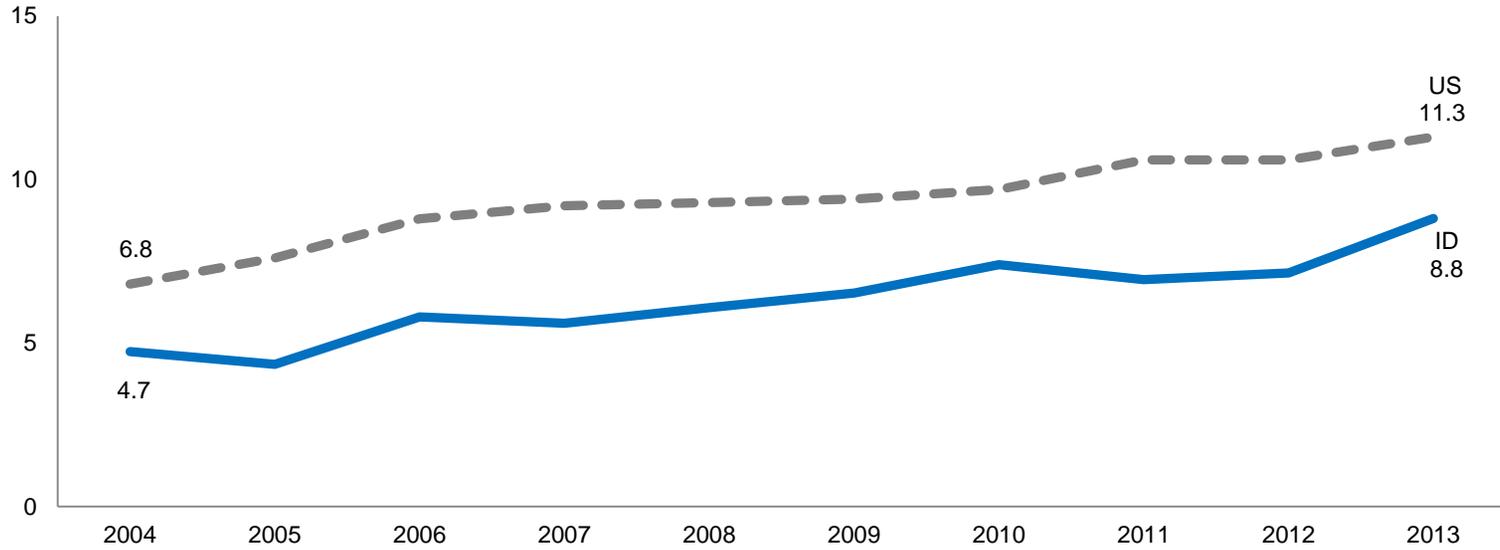
*Prior to 2011, one ICD-10 code for the underlying cause of death was included on the death records for out-of-state deaths. ICD-10 codes for all other information were not provided on the multiple-cause of death data file for out of state deaths. The unknown drug category includes the out-of-state drug-induced death records prior to 2011.

See technical notes for additional information.



ACCIDENTAL DEATHS

Idaho Resident Accidental Drug-Induced Deaths Death Rate* by Year Ten-Year Trend 2004-2013



Idaho Resident Accidental Drug-Induced Deaths Number of Deaths and Death Rate* by Year Ten-Year Trend 2004-2013

		Total	Year									
			2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Idaho	Number	973	66	62	85	84	93	101	116	110	114	142
	Rate	6.4	4.7	4.3	5.8	5.6	6.1	6.5	7.4	6.9	7.1	8.8
US	Number	285,184	19,838	22,448	26,400	27,658	28,171	28,754	30,006	33,071	33,175	35,663
	Rate	9.4	6.8	7.6	8.8	9.2	9.3	9.4	9.7	10.6	10.6	11.3

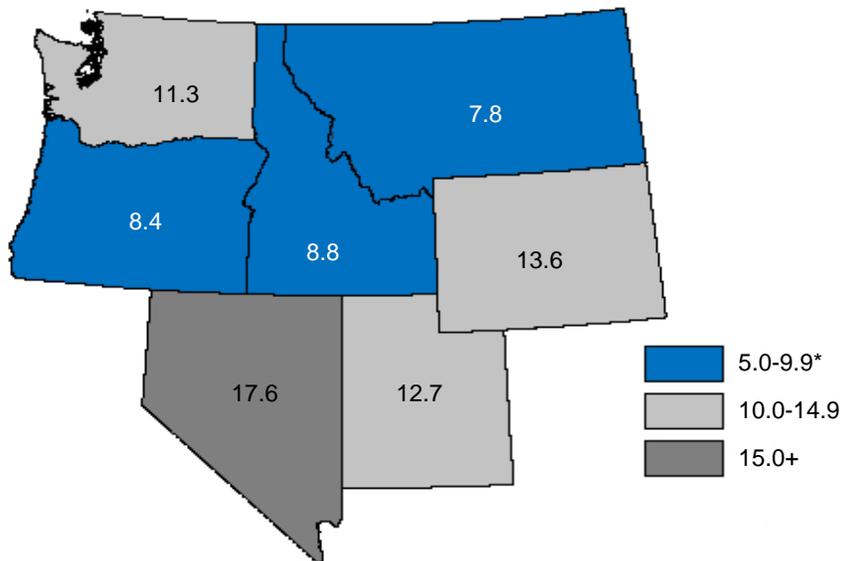
*Crude rate per 100,000 population

**Idaho Resident Accidental Drug-Induced Deaths
Idaho Ranking¹ by Death Rate²
2013**

Ranking	State	Deaths	Death rate
1	West Virginia (highest rate)	524	28.3
6	Nevada	490	17.6
16	Wyoming	79	13.6
19	Utah	367	12.7
26	Washington	790	11.3
	US Total	35,663	11.3
38	Idaho	142	8.8
40	Oregon	331	8.4
43	Montana	79	7.8
51	North Dakota (lowest rate)	15	unreliable



**Idaho Resident Accidental Drug-Induced Deaths
Death Rate² by State
2013**



¹ Ranking based on CDC Wonder data.

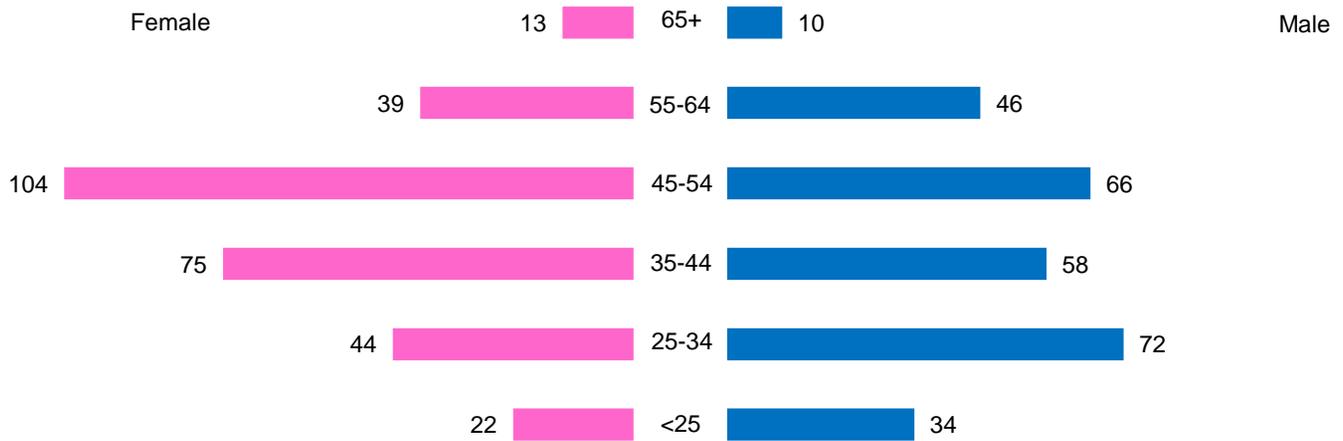
² Number of deaths and death rate based on CDC Wonder data.

* Death rate per 100,000 population

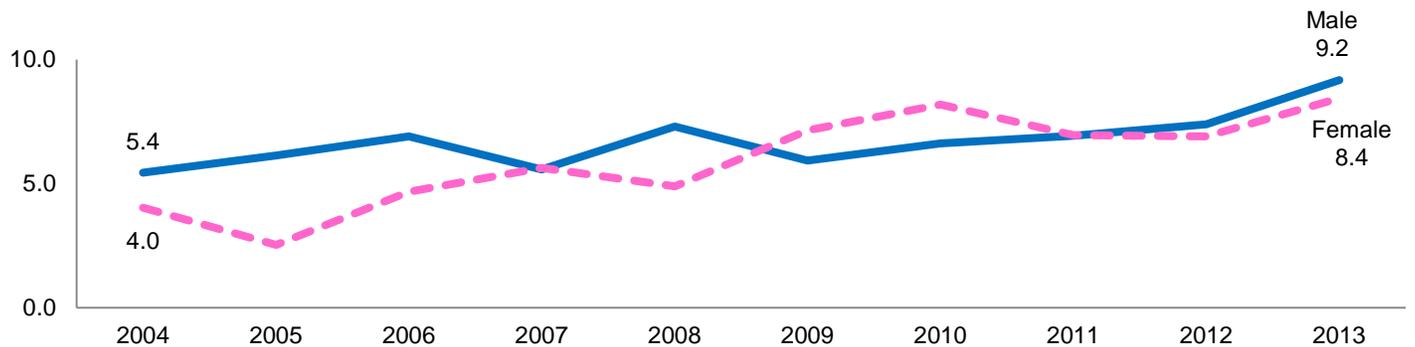
**Idaho Resident Accidental Drug-Induced Deaths
Number of Deaths and Death Rate* by Gender
Five-Year Aggregate 2009-2013**

Drug Induced Deaths	Total			Year				
	Number	Rate	Percent	2009	2010	2011	2012	2013
Total	583	7.4	100.0	101	116	110	114	142
Female	297	7.5	50.6	55	64	55	55	68
Male	286	7.2	49.4	46	52	55	59	74

**Idaho Resident Accidental Drug-Induced Deaths
Number of Deaths by Gender and Age-Group
Five-Year Aggregate 2009-2013**



**Idaho Resident Accidental Drug-Induced Deaths
Death Rate* by Gender
Ten-Year Trend 2004-2013**

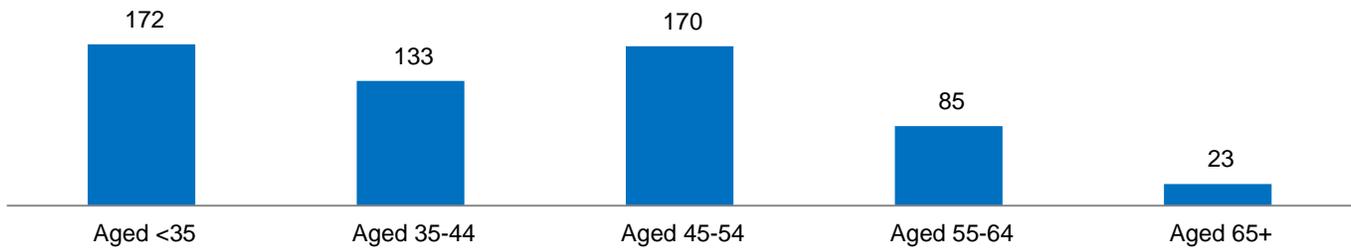


*Crude rate per 100,000 population.

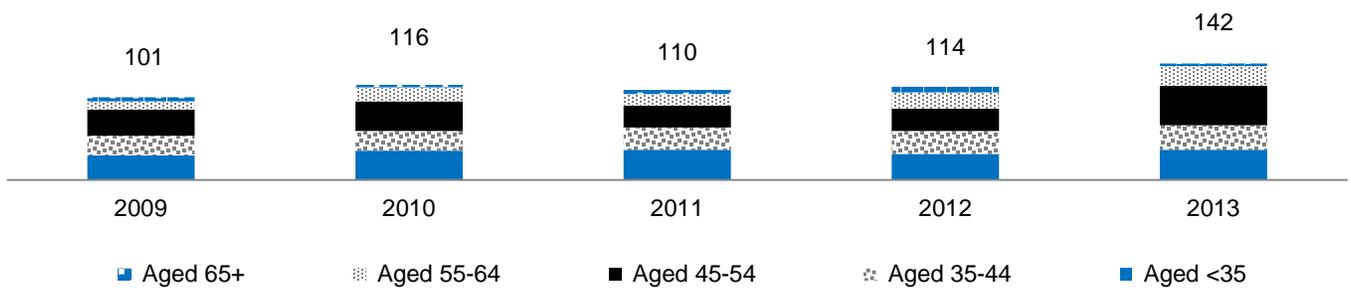
**Idaho Resident Accidental Drug-Induced Deaths
Number of Deaths and Death Rate* by Age Group
Five-Year Aggregate 2009-2013**

Drug-induced deaths	Total			Year				
	Number	Rate	Percent	2009	2010	2011	2012	2013
By Age Group	583	7.4	100%	101	116	110	114	142
Aged <35	172	4.3	17%	30	36	37	32	37
Aged 35-44	133	13.8	13%	24	24	27	28	30
Aged 45-54	170	16.6	17%	32	36	27	27	48
Aged 55-64	85	9.2	9%	10	17	14	20	24
Aged 65+	23	2.3	2%	5	3	5	7	3

**Idaho Resident Accidental Drug-Induced Deaths
Number of Deaths by Age Group
Five-Year Aggregate 2009-2013**



**Idaho Resident Accidental Drug-Induced Deaths
Number of Deaths by Year and Age Group
Five-Year Aggregate 2009-2013**

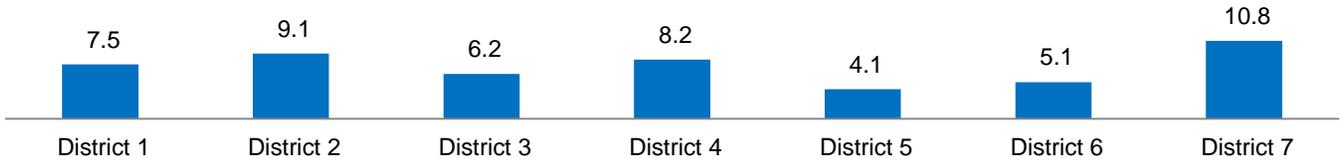


*Crude Rate per 100,000 population

**Idaho Resident Accidental Drug-Induced Deaths
Number of Deaths and Death Rate* by District of Residence
Five-Year Aggregate 2009-2013**

	Total		Year									
			2009		2010		2011		2012		2013	
	Number	Rate										
District 1	81	7.5	18	8.4	16	7.5	16	7.5	17	7.9	14	6.4
District 2	48	9.1	9	8.6	12	11.4	11	10.4	9	8.5	7	6.6
District 3	79	6.2	12	4.8	18	7.2	15	5.9	17	6.7	17	6.5
District 4	183	8.2	36	8.4	36	8.3	37	8.3	29	6.4	45	9.8
District 5	38	4.1	5	2.8	10	5.4	6	3.2	10	5.3	7	3.7
District 6	43	5.1	5	3.0	5	3.0	8	4.7	14	8.3	11	6.5
District 7	111	10.8	16	8.0	19	9.3	17	8.2	18	8.7	41	19.7

**Idaho Resident Accidental Drug-Induced Deaths
Death Rate* by District of Residence
Five-Year Aggregate 2009-2013**



**Idaho Resident Accidental Drug-Induced Deaths
Occurrence of Death by District of Residence
Five-Year Aggregate 2009-2013**

	Occurrence of Death			
	In Idaho		Out of State	
	Number	Percent	Number	Percent
Total	547	93.8	36	6.2
District 1	69	85.2	12	14.8
District 2	43	89.6	5	10.4
District 3	77	97.5	2	2.5
District 4	175	95.6	8	4.4
District 5	36	94.7	2	5.3
District 6	41	95.3	2	4.7
District 7	106	95.5	5	4.5

*Crude rate per 100,000 population.

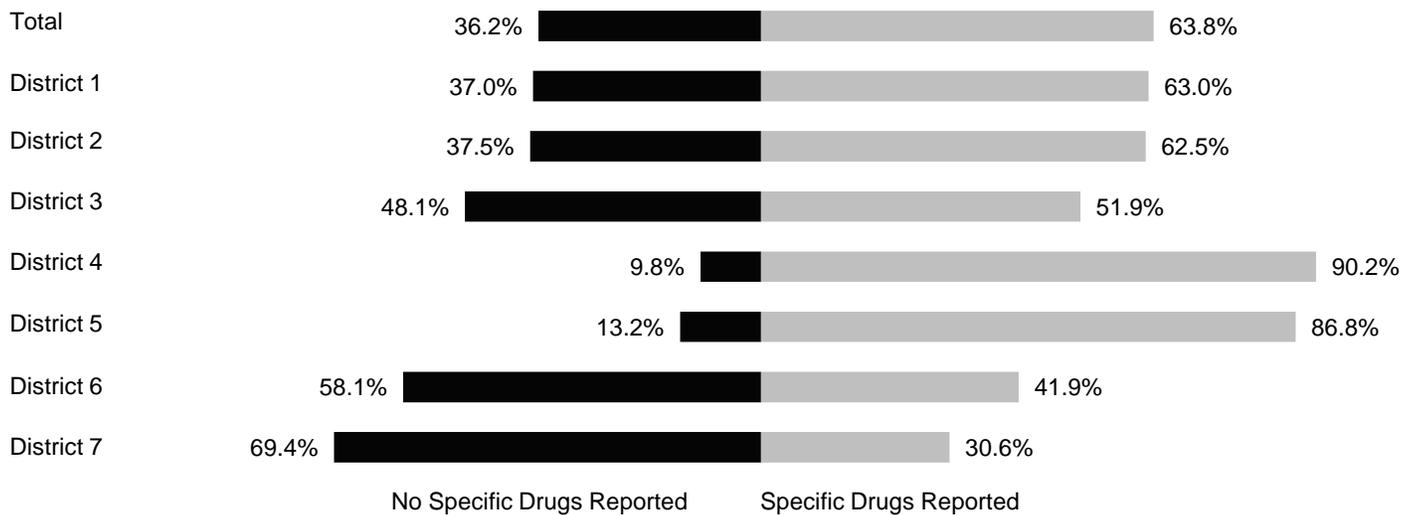
**Idaho Resident Accidental Drug-Induced Deaths
Number of Deaths and Death Rate* by County of Residence
Five-Year Aggregate 2009-2013**

	County	Number	Rate
	Idaho Total	583	7.4
District 1	Benewah	5	10.9
	Bonner	11	5.4
	Boundary	6	11.0
	Kootenai	50	7.1
	Shoshone	9	14.2
District 2	Clearwater	3	7.0
	Idaho	4	5.0
	Latah	13	6.9
	Lewis	2	10.4
	Nez Perce	26	13.2
District 3	Adams	-	-
	Canyon	53	5.5
	Gem	9	10.8
	Owyhee	5	8.8
	Payette	9	7.9
	Washington	3	5.9
District 4	Ada	173	8.6
	Boise	1	2.8
	Elmore	6	4.5
	Valley	3	6.3
District 5	Blaine	7	6.5
	Camas	1	18.3
	Cassia	4	3.5
	Gooding	3	4.0
	Jerome	6	5.4
	Lincoln	-	-
	Minidoka	2	2.0
	Twin Falls	15	3.9
District 6	Bannock	17	4.1
	Bear Lake	6	20.3
	Bingham	13	5.7
	Butte	-	-
	Caribou	2	5.8
	Franklin	4	6.3
	Oneida	1	4.7
	Power	-	-
District 7	Bonneville	89	16.9
	Clark	-	-
	Custer	3	13.9
	Fremont	1	1.5
	Jefferson	7	5.4
	Lemhi	3	7.6
	Madison	6	3.2
	Teton	2	4.0

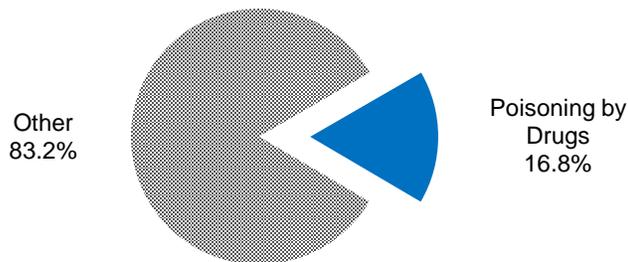
*Crude rate per 100,000 population.

Idaho Resident Accidental Drug-Induced Deaths Type of Drug(s) Mentioned on the Death Certificate by District Five-Year Aggregate 2009-2013

Type of Drug(s) listed	District of Residence							
	Total	1	2	3	4	5	6	7
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Prescription drug(s) listed only	45.6	42.0	31.3	32.9	72.1	57.9	25.6	23.4
Prescription drug(s) with nonprescription	7.2	13.6	14.6	2.5	7.1	10.5	4.7	2.7
Nonprescription drug(s) listed only	11.0	7.4	16.7	16.5	10.9	18.4	11.6	4.5
No specific drug(s) listed	34.5	33.3	31.3	48.1	8.7	13.2	58.1	67.6
Unknown	1.7	3.7	6.3	-	1.1	-	-	1.8



Idaho Resident Deaths Accidental Deaths by Mechanism Five-Year Aggregate 2009-2013



Poisoning by drugs ranking*



For 16.8% of all accidental deaths to Idaho residents, poisoning with drugs was the mechanism.

*Motor vehicle accidents (1st) and falls (2nd) were the leading causes of accidental death for males and females.

**Idaho Resident Accidental Drug-Induced Deaths
Number of Deaths From Prescription (RX) and Non-Prescription Drugs
Five-Year Aggregate 2009-2013**

Type of Drug	ICD-10 Code(s) Reported on Death Certificate	TOTAL	2009	2010	2011	2012	2013
Total Accidental Poisoning Deaths From Drugs		583	101	116	110	114	142
Prescription Drug(s) Only	T36.0-T39.9, T40.2-T40.4, T41.0-T43.5, or T43.8-T50.8	266	50	56	55	57	48
Prescription Drug(s) in Combination With Non-Prescription Drug(s)	T36.0-T39.9, T40.2-T40.4, T41.0-T43.5, or T43.8-T50.8 and T40.0-T40.1, T40.5-T40.9, or T43.6	42	4	8	6	11	13
Non-Prescription Drug(s) Only	T40.0-T40.1, T40.5-T40.9, or T43.6	64	11	11	12	8	22
No Drug Reported "Drug Overdose" Only Reported	T50.9 without "prescription" reported on certificate	62	17	7	15	15	8
No Drug Reported "Pain Medication" or "Prescription Medication" Reported	T50.9 with "prescription" or "pain" medication reported on certificate	139	16	27	22	23	51
Unknown*		10	3	7	-	-	-

From 2009 to 2013, 211 out of 583 (36.2%) accidental drug death did not specify the drug(s) on the death certificate.

Accidental (unintentional) poisoning deaths by drugs include accidental poisoning by and exposure to drugs, medicaments, and biological substances. These may include illegal narcotics, prescription medications, and over-the-counter medications. Drug poisoning deaths were defined as those with an underlying cause of death classified using the *International Classification of Diseases, 10th Revision* (ICD-10) codes as X40-X44.9.

From 2009 to 2013, there were 583 accidental drug overdose deaths among Idaho residents. Of the 583 deaths, 266 deaths (45.6%) reported prescription drug(s) only; 42 deaths (7.2%) reported prescription drug(s) in combination with non-prescription drug(s); 64 deaths (11.0%) reported non-prescription drug(s) only; 62 deaths (10.6%) reported "drug overdose with no mention of drug(s), and 139 deaths (23.8 %) reported "prescription drug overdose" with no mention of drug(s). An additional 10 deaths (1.7%) had no information on type of drug(s).

This table is based on the number of deaths, not the number of drugs reported on the death certificates.

*Prior to 2011, one ICD-10 code for the underlying cause of death was included on the death records for out-of-state deaths. ICD-10 codes for all other information were not provided on the multiple-cause of death data file for out of state deaths. The unknown drug category includes the out-of-state drug-induced death records prior to 2011.

See technical notes for additional information.

**Idaho Resident Accidental Drug-Induced Deaths
Number of Deaths From Prescription (RX) Drugs and Number of Drugs Listed by Type of Drug
Five-Year Aggregate 2009-2013**

Prescription Drugs	ICD-10 Code(s) Reported on Death Certificate	TOTAL	2009	2010	2011	2012	2013
Total Accidental Drug Deaths From Specified Prescription Drug(s) Alone or in Combination with Non-Prescription Drugs		308	54	64	61	68	61
Number of Prescription Drugs Reported*	ICD-10 codes T36.0-T39.9, T40.2-T40.4, T41.0-T43.5, and / or T43.8-T50.8	522	101	108	108	103	102
Total Systemic antibiotics, anti-infective & antiparasitics, hormones & antagonists, non-opioid analgesic, antipyretics, & antiheumatics	T36.0-T39.9	13	2	4	2	3	2
Total Prescription Opioid Pain Relievers	T40.2-T40.4	285	42	60	58	65	60
Codeine & morphine	T40.2	156	23	28	33	35	37
Methadone	T40.3	81	13	22	19	16	11
Other synthetic narcotics	T40.4	48	6	10	6	14	12
Total Anaesthetics, antiepileptic, sedative-hypnotic, & antiparkinsonism	T41.0-T42.9	94	22	20	23	14	15
Benzodiazepines	T42.2	70	14	17	17	9	13
All other	T41.0-T42.1, T42.3-T42.9	24	8	3	6	5	2
Total Psychotropic Drugs	T43.0-T43.5 and T43.8-T43.9	92	25	17	20	11	19
Tricyclic and tetracyclic antidepressants	T43.0	26	9	7	4	2	4
Monoamine-oxidase-inhibitor antidepressants	T43.1	-	-	-	-	-	-
Other and unspecified antidepressants (SSRI)	T43.2	39	7	5	11	7	9
Other antipsychotics & psychotropic drugs NES	T43.3-T43.5 and T43.8-T43.9	27	9	5	5	2	6
Total drugs affecting nervous system, cardiovascular system, gastrointestinal system, muscles and respiratory system, skin and mucous membranes, diuretics, and systemic and haematological agents	T44.0-T50.8	38	10	7	5	10	6

Accidental (unintentional) poisoning deaths by drugs include accidental poisoning by and exposure to drugs, medicaments, and biological substances. These may include illegal narcotics, prescription medications, and over-the-counter medications. Drug poisoning deaths were defined as those with an underlying cause of death classified using the *International Classification of Diseases, 10th Revision* (ICD-10) codes as X40-X44.9.

From 2009 to 2013, there were 583 accidental drug overdose deaths among Idaho residents. Of the 583 deaths, 308 deaths (52.8%) were from prescription drug(s) alone or in combination with non-prescription drugs. Of the 308 deaths, there were 522 prescription drugs reported on the death certificates. Deaths with "prescription drug" reported with no mention of type of drug are not included in this table.

See technical notes for additional information.

Idaho Resident Accidental Drug-Induced Deaths
Number of Deaths From Non-Prescription Drugs and Number of Drugs Listed by Type of Drug
Five-Year Aggregate 2009-2013

Non-Prescription Drugs	ICD-10 Code(s) Reported on Death Certificate	TOTAL	2009	2010	2011	2012	2013
Total Accidental Drug Deaths From Non-Prescription Drugs Alone or in Combination with Prescription Drugs		106	15	19	18	19	35
Number of Non-Prescription Drugs Reported*	ICD-10 codes T40.0-T40.1, T40.5-T40.9 or T43.6	111	16	19	19	20	37
Opium	T40.0	-	-	-	-	-	-
Heroin	T40.1	7	1	-	-	1	5
Cocaine	T40.5	2	-	-	-	2	-
Other and unspecified narcotics	T40.6	24	3	8	3	4	6
Cannabis (marijuana)	T40.7	11	-	-	3	5	3
Lysergide (LSD)	T40.8	-	-	-	-	-	-
Other and unspecified psychodysleptics	T40.9	-	-	-	-	-	-
Psychostimulants with abuse potential	T43.6	67	12	11	13	8	23

Accidental (unintentional) poisoning deaths by drugs include accidental poisoning by and exposure to drugs, medicaments, and biological substances. These may include illegal narcotics, prescription medications, and over-the-counter medications. Drug poisoning deaths were defined as those with an underlying cause of death classified using the *International Classification of Diseases, 10th Revision* (ICD-10) codes as X40-X44.9.

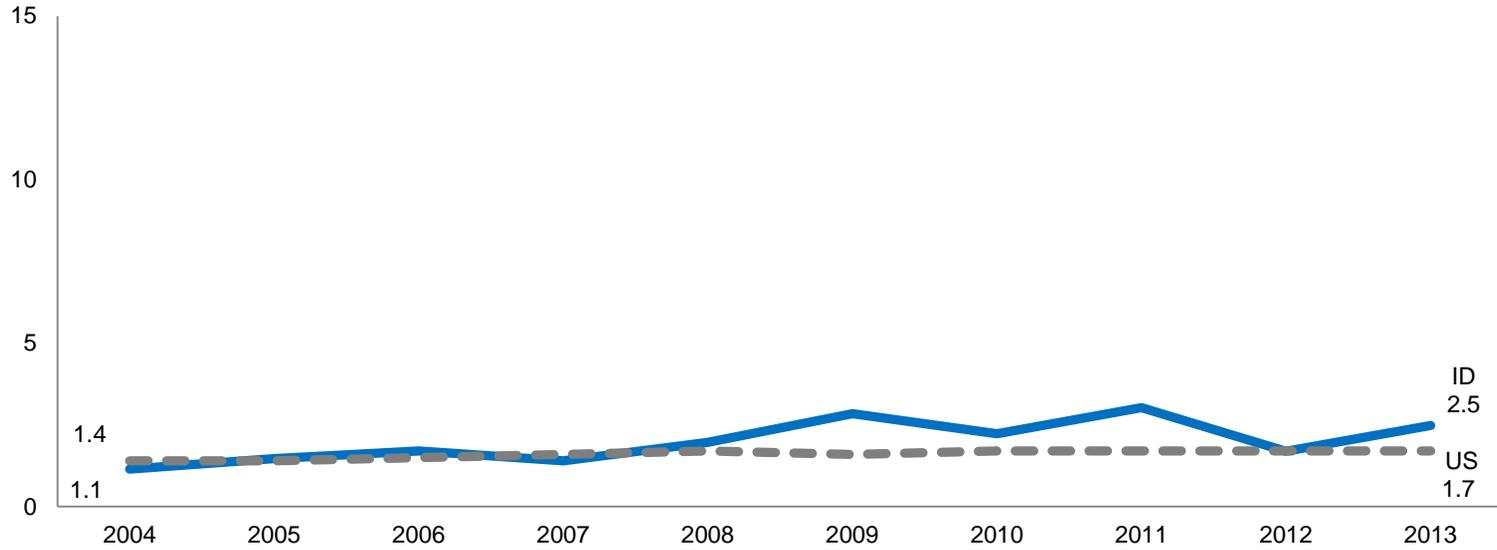
From 2009 to 2013, there were 583 accidental drug overdose deaths among Idaho residents. Of the 583 deaths, 106 deaths (18.2%) reported non-prescription drug(s) alone or in combination with prescription drug(s). Of the 106 drug deaths from non-prescription drug(s), 111 non-prescription drugs were reported on the death certificates.

See technical notes for additional information.



INTENTIONAL SELF-HARM (SUICIDE) DEATHS

Idaho Resident Intentional Self-Harm (Suicide) Drug-Induced Deaths Death Rate* by Year Ten-Year Trend 2004-2013



Idaho Resident Intentional Self-Harm (Suicide) Drug-Induced Deaths Number of Deaths and Death Rate* by Year Ten-Year Trend 2004-2013

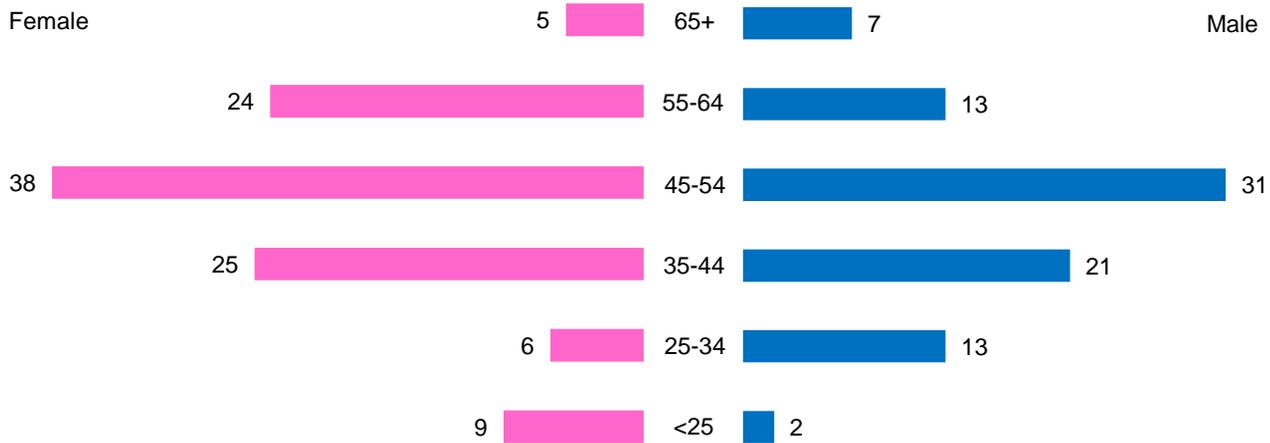
		Total	Year									
			2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Idaho	Number	307	16	21	25	21	30	44	35	48	27	40
	Rate	2.0	1.1	1.5	1.7	1.4	2.0	2.8	2.2	3.0	1.7	2.5
US	Number	49,352	4,208	4,240	4,571	4,772	5,027	5,041	5,298	5,298	5,465	5,432
	Rate	1.6	1.4	1.4	1.5	1.6	1.7	1.6	1.7	1.7	1.7	1.7

*Crude rate per 100,000 population

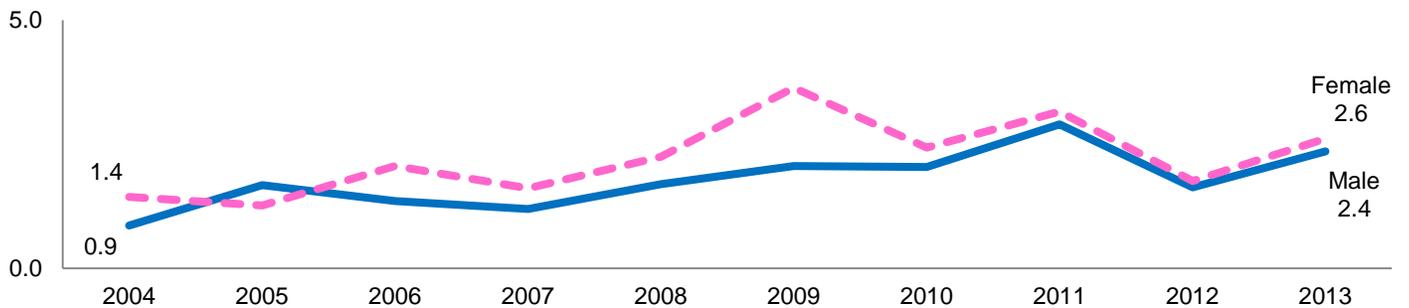
**Idaho Resident Intentional Self-Harm (Suicide) Drug-Induced Deaths
Number of Deaths and Death Rate* by Gender
Five-Year Aggregate 2009-2013**

Drug Induced Deaths	Total			Year				
	Number	Rate	Percent	2009	2010	2011	2012	2013
Total	194	2.5	100.0	44	35	48	27	40
Female	107	2.7	55.2	28	19	25	14	21
Male	87	2.2	44.8	16	16	23	13	19

**Idaho Resident Intentional Self-Harm (Suicide) Drug-Induced Deaths
Number of Deaths by Gender and Age-Group
Five-Year Aggregate 2009-2013**



**Idaho Resident Intentional Self-Harm (Suicide) Drug-Induced Deaths
Death Rate* by Gender
Ten-Year Trend 2004-2013**

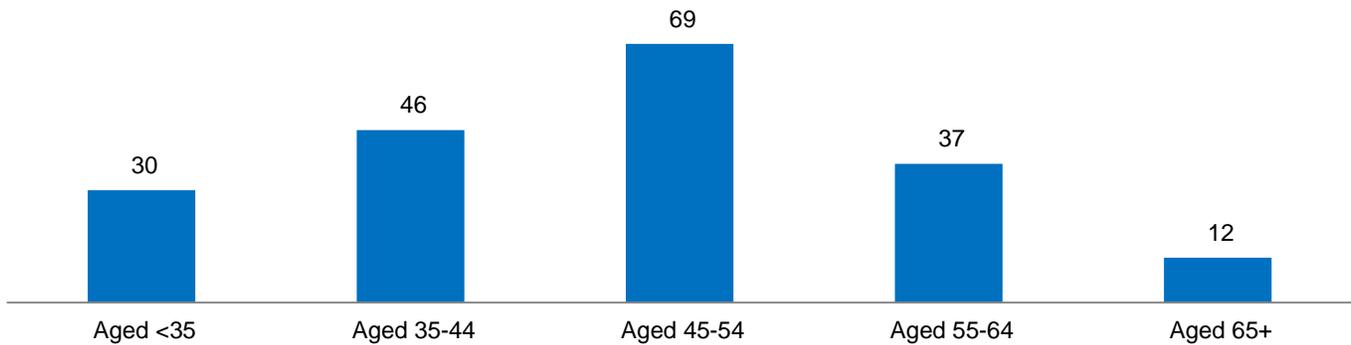


*Crude rate per 100,000 population.

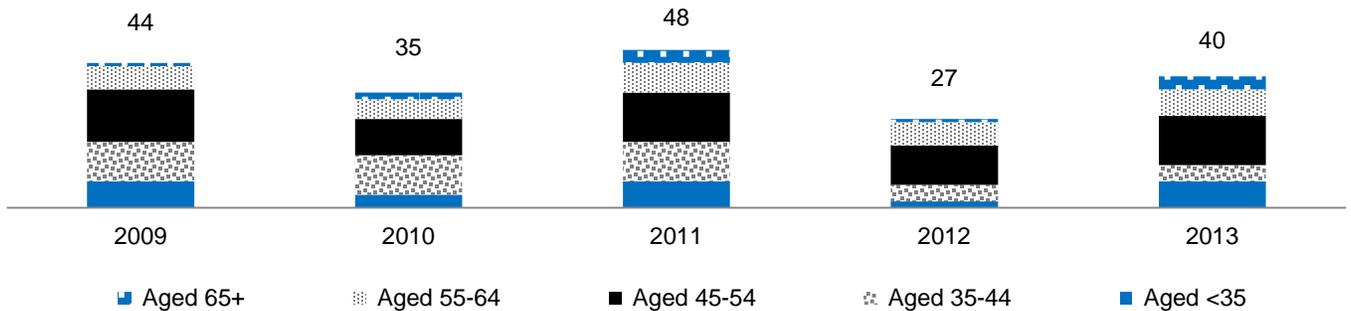
**Idaho Resident Intentional Self-Harm (Suicide) Drug-Induced Deaths
Number of Deaths and Death Rate* by Age Group
Five-Year Aggregate 2009-2013**

Drug-induced deaths	Total			Year				
	Number	Rate	Percent	2009	2010	2011	2012	2013
By Age Group	194	2.5	100%	44	35	48	27	40
Aged <35	30	0.8	15%	8	4	8	2	8
Aged 35-44	46	4.8	24%	12	12	12	5	5
Aged 45-54	69	6.7	36%	16	11	15	12	15
Aged 55-64	37	4.0	19%	7	6	9	7	8
Aged 65+	12	1.2	6%	1	2	4	1	4

**Idaho Resident Intentional Self-Harm (Suicide) Drug-Induced Deaths
Number of Deaths by Age Group
Five-Year Aggregate 2009-2013**



**Idaho Resident Intentional Self-Harm (Suicide) Drug-Induced Deaths
Number of Deaths by Year and Age Group
Five-Year Aggregate 2009-2013**

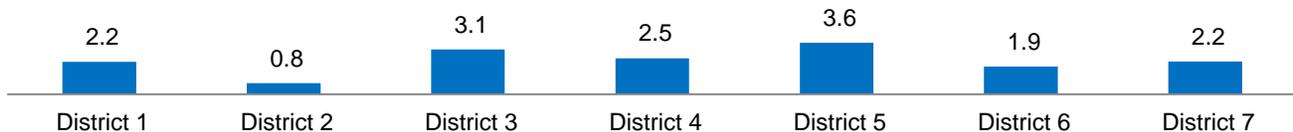


*Crude Rate per 100,000 population

**Idaho Resident Intentional Self-Harm (Suicide) Drug-Induced Deaths
Number of Deaths and Death Rate* by District of Residence
Five-Year Aggregate 2009-2013**

	Total		Year									
			2009		2010		2011		2012		2013	
	Number	Rate										
District 1	24	2.2	7	3.3	6	2.8	3	1.4	5	2.3	3	1.4
District 2	4	0.8	-	-	-	-	1	0.9	3	2.8	-	-
District 3	39	3.1	11	4.4	4	1.6	12	4.7	2	0.8	10	3.9
District 4	55	2.5	11	2.6	8	1.8	15	3.4	9	2.0	12	2.6
District 5	33	3.6	7	3.9	8	4.3	5	2.7	4	2.1	9	4.8
District 6	16	1.9	6	3.6	2	1.2	4	2.4	-	-	4	2.4
District 7	23	2.2	2	1.0	7	3.4	8	3.9	4	1.9	2	1.0

**Idaho Resident Intentional Self-Harm (Suicide) Drug-Induced Deaths
Death Rate* by District of Residence
Five-Year Aggregate 2009-2013**



**Idaho Resident Intentional Self-Harm (Suicide) Drug-Induced Deaths
Occurrence of Death by District of Residence
Five-Year Aggregate 2009-2013**

	Occurrence of Death			
	In Idaho		Out of State	
	Number	Percent	Number	Percent
Total	187	93.8	7	6.2
District 1	22	91.7	2	8.3
District 2	4	100.0	-	-
District 3	38	97.4	1	2.6
District 4	53	96.4	2	3.6
District 5	33	100.0	-	-
District 6	15	93.8	1	6.3
District 7	22	95.7	1	4.3

*Crude rate per 100,000 population.

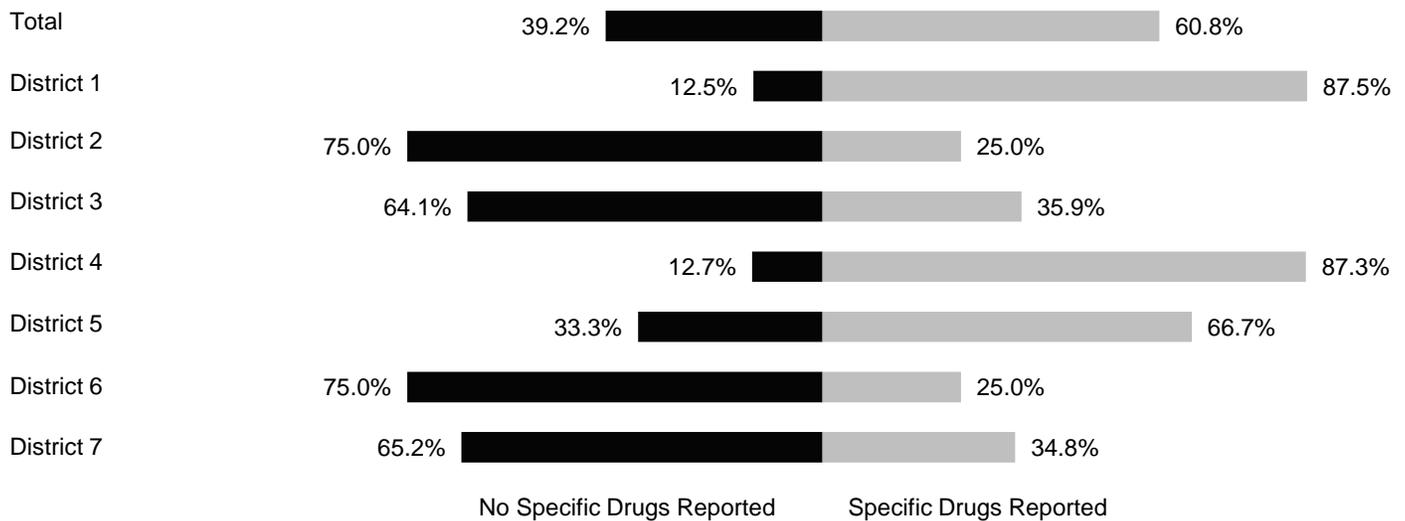
**Idaho Resident Intentional Self-Harm (Suicide) Drug-Induced Deaths
Number of Deaths and Death Rate* by County of Residence
Five-Year Aggregate 2009-2013**

	County	Number	Rate
	Idaho Total	194	2.5
District 1	Benewah	-	-
	Bonner	3	1.5
	Boundary	4	7.4
	Kootenai	14	2.0
	Shoshone	3	4.7
District 2	Clearwater	-	-
	Idaho	-	-
	Latah	-	-
	Lewis	1	5.2
	Nez Perce	3	1.5
District 3	Adams	-	-
	Canyon	30	3.1
	Gem	3	3.6
	Owyhee	1	1.8
	Payette	5	4.4
	Washington	-	-
District 4	Ada	50	2.5
	Boise	1	2.8
	Elmore	2	1.5
	Valley	2	4.2
District 5	Blaine	4	3.7
	Camas	-	-
	Cassia	-	-
	Gooding	3	4.0
	Jerome	7	6.3
	Lincoln	1	3.9
	Minidoka	3	3.0
	Twin Falls	15	3.9
District 6	Bannock	12	2.9
	Bear Lake	1	3.4
	Bingham	3	1.3
	Butte	-	-
	Caribou	-	-
	Franklin	-	-
	Oneida	-	-
	Power	-	-
District 7	Bonneville	14	2.7
	Clark	-	-
	Custer	-	-
	Fremont	2	3.1
	Jefferson	5	3.8
	Lemhi	1	2.5
	Madison	1	0.5
	Teton	-	-

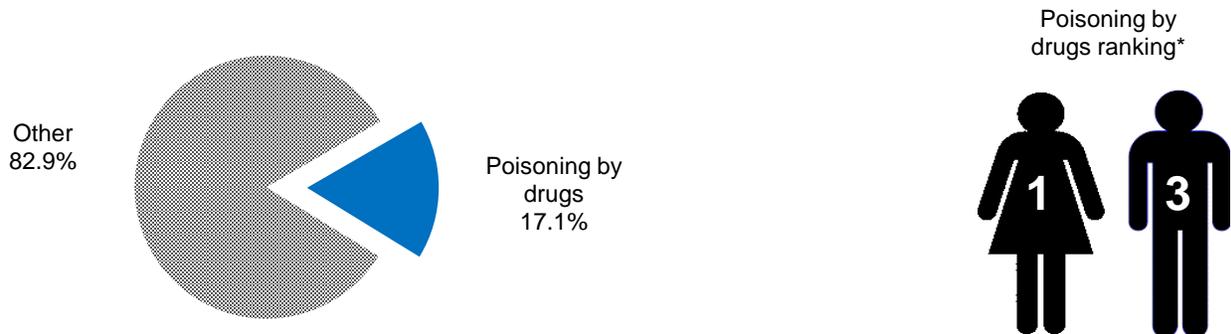
*Crude rate per 100,000 population.

Idaho Resident Intentional Self-Harm (Suicide) Drug-Induced Deaths Type of Drug(s) Mentioned on the Death Certificate by District Five-Year Aggregate 2009-2013

Type of Drug(s) listed	District of Residence							
	Total	1	2	3	4	5	6	7
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Prescription drug(s) listed only	53.1	79.2	25.0	33.3	81.8	45.5	18.8	30.4
Prescription drug(s) with nonprescription	5.7	8.3	-	-	3.6	18.2	6.3	-
Nonprescription drug(s) listed only	2.1	-	-	2.6	1.8	3.0	-	4.3
No specific drug(s) listed	37.1	12.5	75.0	59.0	10.9	33.3	68.8	65.2
Unknown	2.1	-	-	5.1	1.8	-	6.3	-



Idaho Resident Deaths Intentional Self-Harm (Suicide) Deaths by Mechanism Five-Year Aggregate 2009-2013



For 17.1% of all deaths to Idaho residents who completed suicide, poisoning with drugs was the mechanism.

*Poisoning by drugs was the mechanism used most often for Idaho females to complete suicide.

(Firearm was used most often by males, followed by hanging /strangulation.)

**Idaho Resident Intentional Self-Harm (Suicide) Drug-Induced Deaths
Number of Deaths From Prescription (RX) and Non-Prescription Drugs
Five-Year Aggregate 2009-2013**

Type of Drug	ICD-10 Code(s) Reported on Death Certificate	TOTAL	2009	2010	2011	2012	2013
Total Intentional Self-Harm (Suicide) Poisoning Deaths From Drugs		194	44	35	48	27	40
Prescription Drug(s) Only	T36.0-T39.9, T40.2-T40.4, T41.0-T43.5, or T43.8-T50.8	103	17	16	24	20	26
Prescription Drug(s) in Combination With Non-Prescription Drug(s)	T36.0-T39.9, T40.2-T40.4, T41.0-T43.5, or T43.8-T50.8 and T40.0-T40.1, T40.5-T40.9, or T43.6	11	3	3	5	-	-
Non-Prescription Drug(s) Only	T40.0-T40.1, T40.5-T40.9, or T43.6	4	-	-	1	1	2
No Drug Reported "Drug Overdose" Only Reported	T50.9 without "prescription" reported on certificate	19	4	1	7	2	5
No Drug Reported "Pain Medication" or "Prescription Medication" Reported	T50.9 with "prescription" or "pain" medication reported on certificate	53	17	15	10	4	7
Unknown*		4	3	-	1	-	-

From 2009 to 2013, 76 out of 194 (39.2%) suicide drug deaths did not specify the drug(s) on the death certificate.

Intentional Self-Harm (Suicide) deaths by drugs include poisoning by and exposure to drugs, medicaments, and biological substances. These may include illegal narcotics, prescription medications, and over-the-counter medications. Drug poisoning deaths were defined as those with an underlying cause of death classified using the *International Classification of Diseases, 10th Revision (ICD-10)* codes as X60-X64.9.

From 2009 to 2013, there were 194 Intentional Self-Harm (suicide) drug overdose deaths among Idaho residents. Of the 194 deaths, 103 deaths (53.1%) reported prescription drug(s) only; 11 deaths (5.7%) reported prescription drug(s) in combination with non-prescription drug(s); 4 deaths (2.1%) reported non-prescription drug(s) only; 19 deaths (9.8%) reported "drug overdose with no mention of drug(s), and 53 deaths (27.3 %) reported "prescription drug overdose" with no mention of drug(s). An additional 4 deaths (2.1%) had no information on type of drug(s).

This table is based on the number of deaths, not the number of drugs reported on the death certificates.

*Prior to 2011, one ICD-10 code for the underlying cause of death was included on the death records for out-of-state deaths. ICD-10 codes for all other information were not provided on the multiple-cause of death data file for out of state deaths. The unknown drug category includes the out-of-state drug-induced death records prior to 2011.

See technical notes for additional information.

**Idaho Resident Intentional Self-Harm (Suicide) Drug-Induced Deaths
Number of Deaths From Prescription (RX) Drugs and Number of Drugs Listed by Type of Drug
Five-Year Aggregate 2009-2013**

Prescription Drugs	ICD-10 Code(s) Reported on Death Certificate	TOTAL	2009	2010	2011	2012	2013
Total Intentional Self-Harm (Suicide) Drug Deaths From Specified Prescription Drug(s) Alone or in Combination with Non-Prescription Drugs		114	20	19	29	20	26
Number of Prescription Drugs Reported*	ICD-10 codes T36.0-T39.9, T40.2-T40.4, T41.0-T43.5, and / or T43.8-T50.8	228	48	43	51	38	48
Total Systemic antibiotics, anti-infective & antiparasitics, hormones & antagonists, non-opioid analgesic, antipyretics, & antiheumatics	T36.0-T39.9	6	-	2	3	1	-
Total Prescription Opioid Pain Relievers	T40.2-T40.4	56	12	14	10	10	10
Codeine & morphine	T40.2	42	8	8	10	8	8
Methadone	T40.3	4	1	3	-	-	-
Other synthetic narcotics	T40.4	10	3	3	-	2	2
Total Anaesthetics, antiepileptic, sedative-hypnotic, & antiparkinsonism	T41.0-T42.9	64	14	9	17	11	13
Benzodiazepines	T42.2	37	7	4	12	6	8
All other	T41.0-T42.1, T42.3-T42.9	27	7	5	5	5	5
Total Psychotropic Drugs	T43.0-T43.5 and T43.8-T43.9	68	14	11	15	13	15
Tricyclic and tetracyclic antidepressants	T43.0	22	2	5	6	6	3
Monoamine-oxidase-inhibitor antidepressants	T43.1	-	-	-	-	-	-
Other and unspecified antidepressants (SSRI)	T43.2	31	8	4	6	5	8
Other antipsychotics & psychotropic drugs NES	T43.3-T43.5 and T43.8-T43.9	15	4	2	3	2	4
Total drugs affecting nervous system, cardiovascular system, gastrointestinal system, muscles and respiratory system, skin and mucous membranes, diuretics, and systemic and haematological agents	T44.0-T50.8	34	8	7	6	3	10

Intentional Self-Harm (Suicide) deaths by drugs include poisoning by and exposure to drugs, medicaments, and biological substances. These may include illegal narcotics, prescription medications, and over-the-counter medications. Drug poisoning deaths were defined as those with an underlying cause of death classified using the *International Classification of Diseases, 10th Revision* (ICD-10) codes as X60-X64.9.

From 2009 to 2013, there were 194 Intentional Self-Harm (suicide) drug overdose deaths among Idaho residents. Of the 194 deaths, 114 deaths (58.8%) were from prescription drug(s) alone or in combination with non-prescription drugs. Of the 114 deaths, there were 228 prescription drugs reported on the death certificates. Deaths with "prescription drug" reported with no mention of type of drug are not included in this table.

See technical notes for additional information.

**Idaho Resident Intentional Self-Harm (Suicide) Drug-Induced Deaths
Number of Deaths From Non-Prescription Drugs and Number of Drugs Listed by Type of Drug
Five-Year Aggregate 2009-2013**

Non-Prescription Drugs	ICD-10 Code(s) Reported on Death Certificate	TOTAL	2009	2010	2011	2012	2013
Total Intentional Self-Harm (Suicide) Drug Deaths From Non-Prescription Drugs Alone or in Combination with Prescription Drugs		15	3	3	6	1	2
Number of Non-Prescription Drugs Reported*	ICD-10 codes T40.0-T40.1, T40.5-T40.9 or T43.6	16	3	3	7	1	2
Opium	T40.0	-	-	-	-	-	-
Heroin	T40.1	1	-	-	-	-	1
Cocaine	T40.5	1	-	-	1	-	-
Other and unspecified narcotics	T40.6	7	-	2	4	1	-
Cannabis (marijuana)	T40.7	-	-	-	-	-	-
Lysergide (LSD)	T40.8	-	-	-	-	-	-
Other and unspecified psychodysleptics	T40.9	-	-	-	-	-	-
Psychostimulants with abuse potential	T43.6	7	3	1	2	-	1

Intentional Self-Harm (Suicide) deaths by drugs include poisoning by and exposure to drugs, medicaments, and biological substances. These may include illegal narcotics, prescription medications, and over-the-counter medications. Drug poisoning deaths were defined as those with an underlying cause of death classified using the *International Classification of Diseases, 10th Revision* (ICD-10) codes as X60-X64.9.

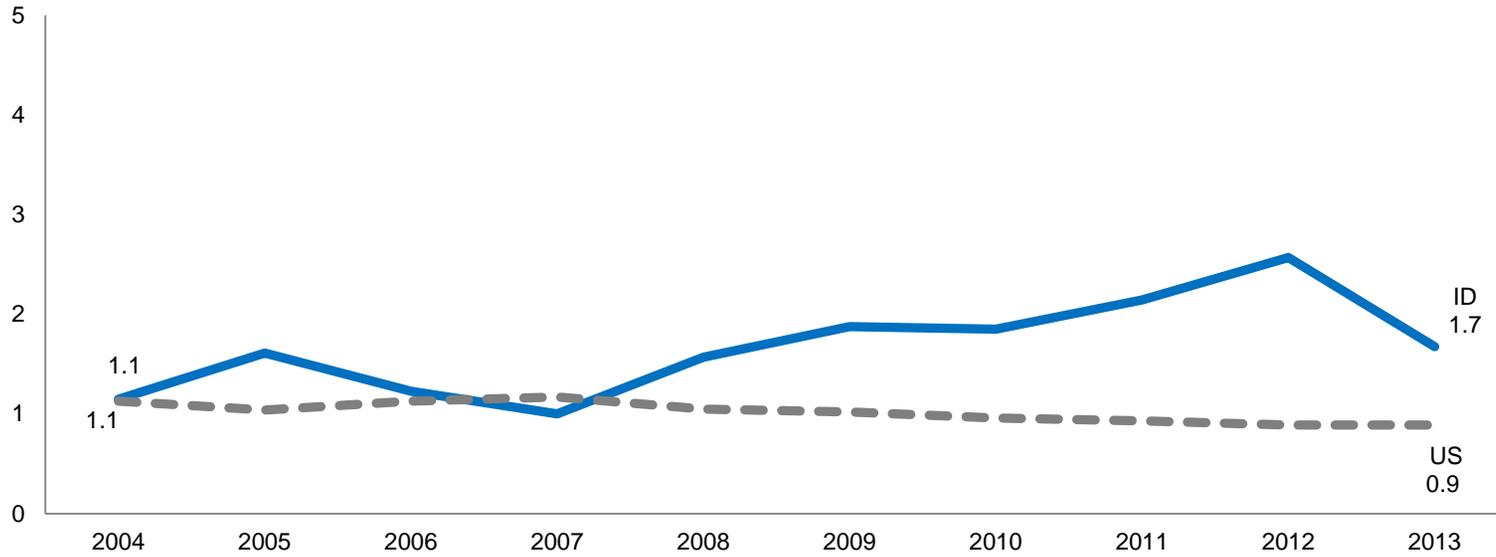
From 2009 to 2013, there were 194 Intentional Self-Harm (suicide) drug overdose deaths among Idaho residents. Of the 194 deaths, 15 deaths (7.7%) reported non-prescription drug(s) alone or in combination with prescription drug(s). Of the 15 drug deaths from non-prescription drug(s), 16 non-prescription drugs were reported on the death certificates.

See technical notes for additional information.



UNDETERMINED INTENT DEATHS

Idaho Resident Undetermined Intent Drug-Induced Deaths Death Rate* by Year Ten-Year Trend 2004-2013



Idaho Resident Undetermined Intent Drug-Induced Deaths Number of Deaths and Death Rate* by Year Ten-Year Trend 2004-2013

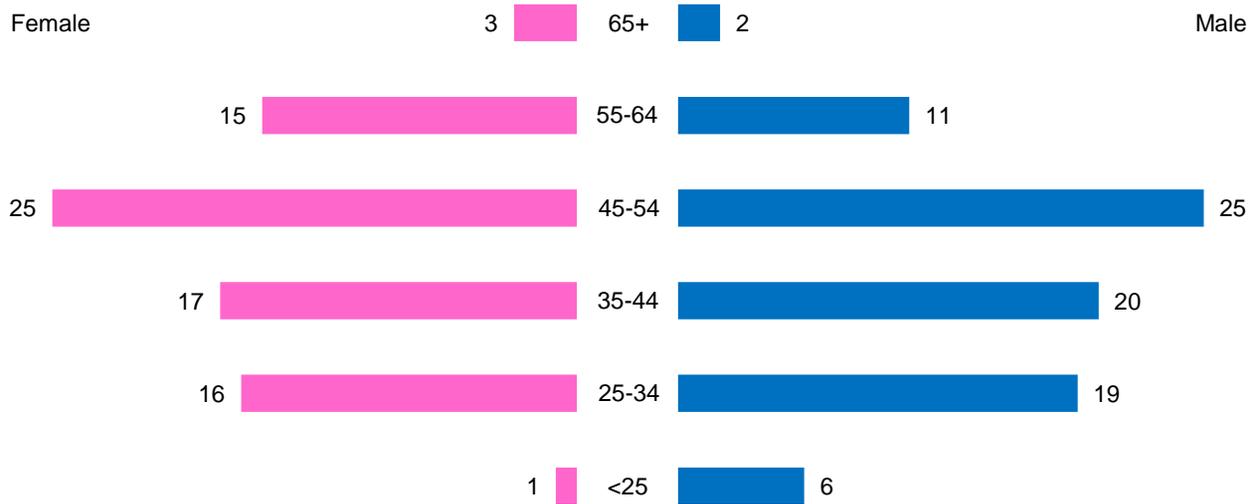
		Total	Year									
			2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Idaho	Number	256	16	23	18	15	24	29	29	34	41	27
	Rate	1.7	1.1	1.6	1.2	1.0	1.6	1.9	1.8	2.1	2.6	1.7
US	Number	31,032	3,306	3,068	3,379	3,519	3,184	3,139	2,963	2,891	2,782	2,801
	Rate	1.0	1.1	1.0	1.1	1.2	1.1	1.0	1.0	0.9	0.9	0.9

*Crude rate per 100,000 population

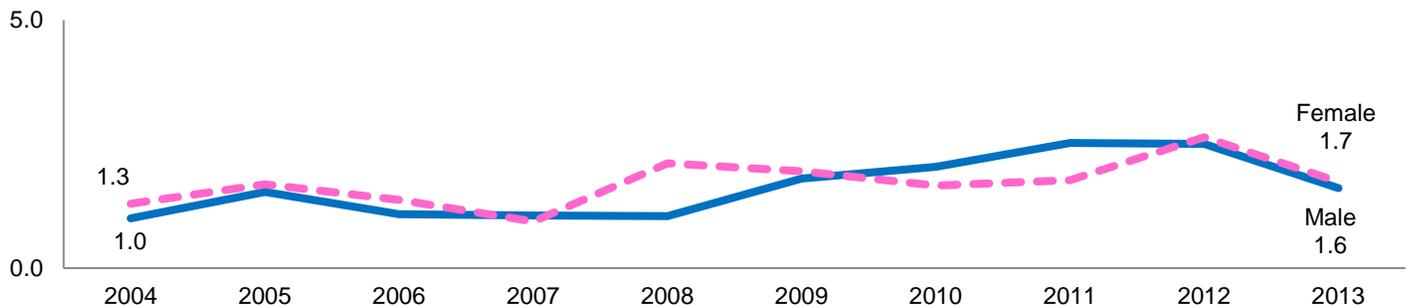
**Idaho Resident Undetermined Intent Drug-Induced Deaths
Number of Deaths and Death Rate* by Gender
Five-Year Aggregate 2009-2013**

Drug Induced Deaths	Total			Year				
	Number	Rate	Percent	2009	2010	2011	2012	2013
Total	160	2.0	100.0	29	29	34	41	27
Female	77	2.0	48.1	15	13	14	21	14
Male	83	4.3	51.9	14	16	20	20	13

**Idaho Resident Undetermined Intent Drug-Induced Deaths
Number of Deaths by Gender and Age-Group
Five-Year Aggregate 2009-2013**



**Idaho Resident Undetermined Intent Drug-Induced Deaths
Death Rate* by Gender
Ten-Year Trend 2004-2013**

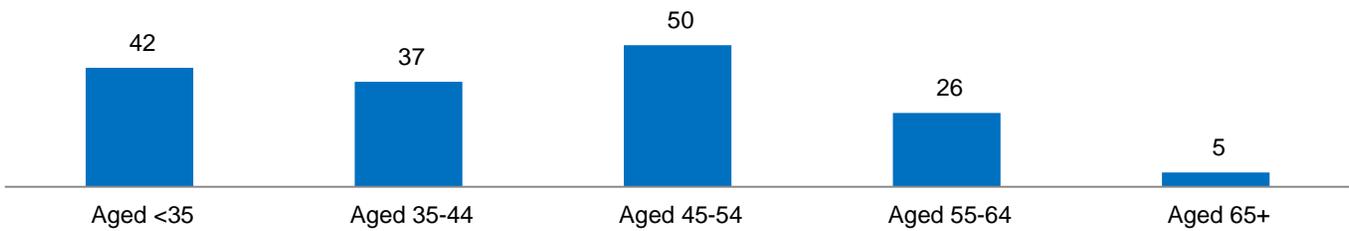


*Crude rate per 100,000 population.

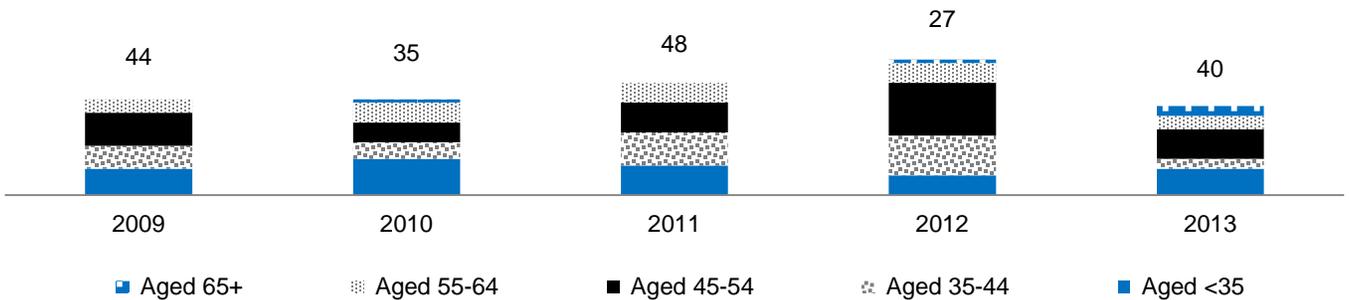
**Idaho Resident Undetermined Intent Drug-Induced Deaths
Number of Deaths and Death Rate* by Age Group
Five-Year Aggregate 2009-2013**

Drug-induced deaths	Total			Year				
	Number	Rate	Percent	2009	2010	2011	2012	2013
By Age Group	160	2.0	100%	29	29	34	41	27
Aged <35	42	1.1	26%	8	11	9	6	8
Aged 35-44	37	3.8	23%	7	5	10	12	3
Aged 45-54	50	4.9	31%	10	6	9	16	9
Aged 55-64	26	2.8	16%	4	6	6	6	4
Aged 65+	5	0.5	3%	-	1	-	1	3

**Idaho Resident Undetermined Intent Drug-Induced Deaths
Number of Deaths by Age Group
Five-Year Aggregate 2009-2013**



**Idaho Resident Undetermined Intent Drug-Induced Deaths
Number of Deaths by Year and Age Group
Five-Year Aggregate 2009-2013**

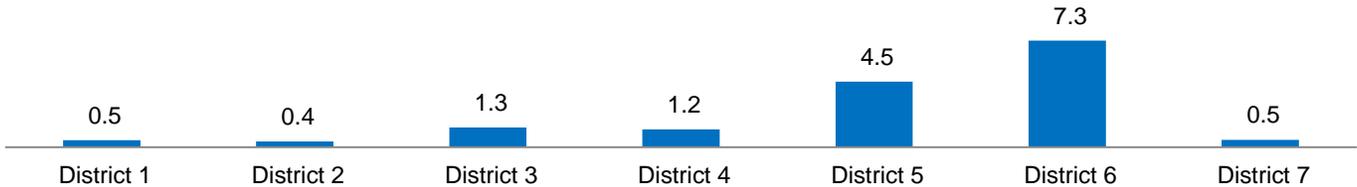


*Crude Rate per 100,000 population

**Idaho Resident Undetermined Intent Drug-Induced Deaths
Number of Deaths and Death Rate* by District of Residence
Five-Year Aggregate 2009-2013**

	Total		Year									
			2009		2010		2011		2012		2013	
	Number	Rate										
District 1	5	0.5	-	-	-	-	2	0.9	1	0.5	2	0.9
District 2	2	0.4	-	-	-	-	-	-	1	0.9	1	0.9
District 3	17	1.3	2	0.8	2	0.8	3	1.2	6	2.4	4	1.5
District 4	27	1.2	3	0.7	6	1.4	6	1.4	8	1.8	4	0.9
District 5	42	4.5	13	7.2	8	4.3	10	5.3	7	3.7	4	2.1
District 6	62	7.3	11	6.6	12	7.1	12	7.1	15	8.9	12	7.1
District 7	5	0.5	-	-	1	0.5	1	0.5	3	1.5	-	-

**Idaho Resident Undetermined Intent Drug-Induced Deaths
Death Rate* by District of Residence
Five-Year Aggregate 2009-2013**



**Idaho Resident Undetermined Intent Drug-Induced Deaths
Occurrence of Death by District of Residence
Five-Year Aggregate 2009-2013**

	Occurrence of Death			
	In Idaho		Out of State	
	Number	Percent	Number	Percent
Total	158	93.8	2	6.2
District 1	4	80.0	1	20.0
District 2	2	100.0	-	-
District 3	17	100.0	-	-
District 4	27	100.0	-	-
District 5	42	100.0	-	-
District 6	61	98.4	1	1.6
District 7	5	100.0	-	-

*Crude rate per 100,000 population.

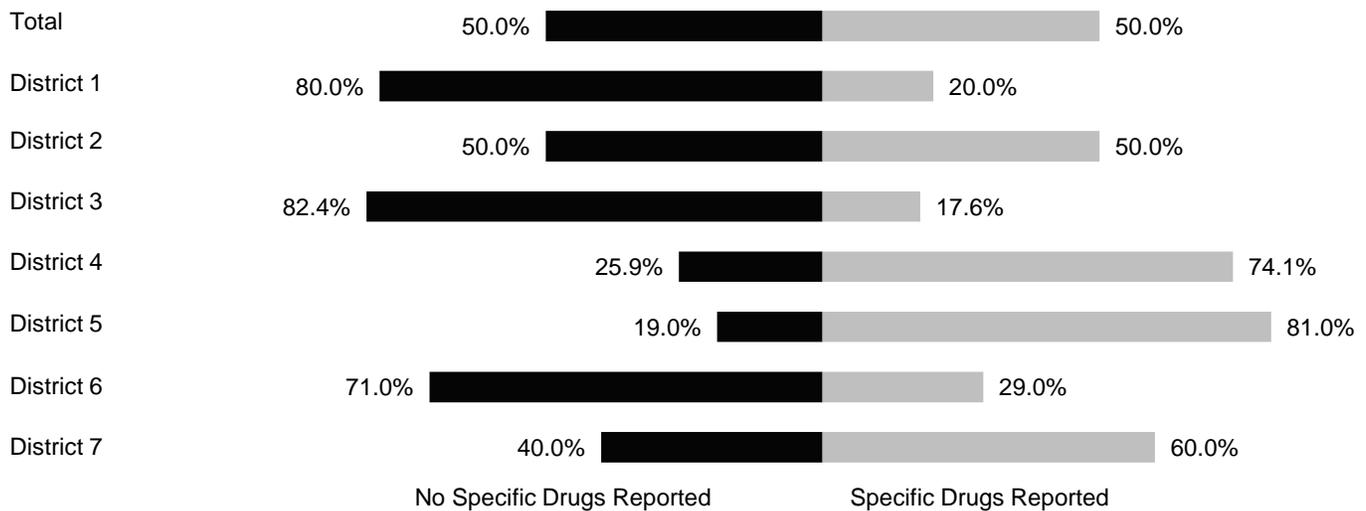
**Idaho Resident Undetermined Intent Drug-Induced Deaths
Number of Deaths and Death Rate* by County of Residence
Five-Year Aggregate 2009-2013**

	County	Number	Rate
	Idaho Total	160	2.0
District 1	Benewah	-	-
	Bonner	4	2.0
	Boundary	1	1.8
	Kootenai	-	-
	Shoshone	-	-
District 2	Clearwater	-	-
	Idaho	2	2.5
	Latah	-	-
	Nez Perce	-	-
District 3	Adams	-	-
	Canyon	13	1.4
	Gem	1	1.2
	Owyhee	1	1.8
	Payette	1	0.9
	Washington	1	2.0
District 4	Ada	20	1.0
	Boise	3	8.5
	Elmore	4	3.0
	Valley	-	-
District 5	Blaine	4	3.7
	Camas	-	-
	Cassia	-	-
	Gooding	-	-
	Jerome	1	0.9
	Lincoln	1	3.9
	Minidoka	6	6.0
	Twin Falls	30	7.7
District 6	Bannock	58	13.9
	Bear Lake	-	-
	Bingham	1	0.4
	Butte	-	-
	Caribou	1	2.9
	Franklin	-	-
	Oneida	1	4.7
	Power	1	2.6
District 7	Bonneville	1	0.2
	Clark	-	-
	Custer	-	-
	Fremont	2	3.1
	Jefferson	1	0.8
	Lemhi	1	2.5
	Madison	-	-
	Teton	-	-

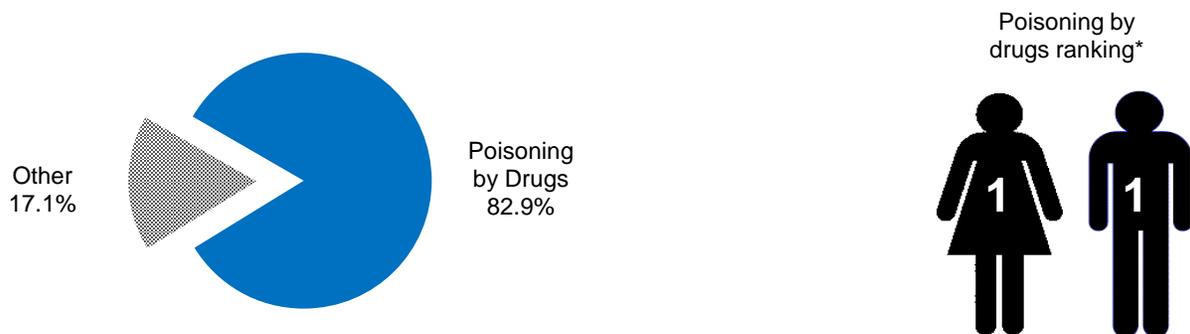
*Crude rate per 100,000 population.

Idaho Resident Undetermined Intent Drug-Induced Deaths Type of Drug(s) Mentioned on the Death Certificate by District Five-Year Aggregate 2009-2013

Type of Drug(s) listed	District of Residence							
	Total	1	2	3	4	5	6	7
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Prescription drug(s) listed only	38.1	-	50.0	-	66.7	61.9	22.6	40.0
Prescription drug(s) with nonprescription	3.8	-	-	5.9	3.7	4.8	1.6	20.0
Nonprescription drug(s) listed only	8.1	20.0	-	11.8	3.7	14.3	4.8	-
No specific drug(s) listed	50.0	80.0	50.0	82.4	25.9	19.0	71.0	40.0
Unknown	-	-	-	-	-	-	-	-



Idaho Resident Deaths Undetermined Intent Deaths by Mechanism Five-Year Aggregate 2009-2013



For 82.9% of all deaths to Idaho residents where the intent was undetermined, poisoning with drugs was the mechanism.

*Poisoning by drugs ranked first as a mechanism for both sexes when the intent was undetermined.

**Idaho Resident Undetermined Intent Drug-Induced Deaths
Number of Deaths From Prescription (RX) and Non-Prescription Drugs
Five-Year Aggregate 2009-2013**

Type of Drug	ICD-10 Code(s) Reported on Death Certificate	TOTAL	2009	2010	2011	2012	2013
Total Undetermined Intent Poisoning Deaths From Drugs		160	29	29	34	41	27
Prescription Drug(s) Only	T36.0-T39.9, T40.2-T40.4, T41.0-T43.5, or T43.8-T50.8	61	11	11	10	18	11
Prescription Drug(s) in Combination With Non-Prescription Drug(s)	T36.0-T39.9, T40.2-T40.4, T41.0-T43.5, or T43.8-T50.8 and T40.0-T40.1, T40.5-T40.9, or T43.6	6	-	2	3	1	-
Non-Prescription Drug(s) Only	T40.0-T40.1, T40.5-T40.9, or T43.6	13	1	2	6	1	3
No Drug Reported "Drug Overdose" Only Reported	T50.9 without "prescription" reported on certificate	60	13	13	11	15	8
No Drug Reported "Pain Medication" or "Prescription Medication" Reported	T50.9 with "prescription" or "pain" medication reported on certificate	20	4	1	4	6	5
Unknown*		-	-	-	-	-	-

From 2009 to 2013, 80 out of 160 (50.0%) undetermined intent drug-induced deaths did not specify the drug(s) on the death certificate.

Undetermined intent deaths by drugs include poisoning by and exposure to drugs, medicaments, and biological substances. These may include illegal narcotics, prescription medications, and over-the-counter medications. Drug poisoning deaths were defined as those with an underlying cause of death classified using the *International Classification of Diseases, 10th Revision* (ICD-10) codes as Y10-Y14.9.

From 2009 to 2013, there were 160 undetermined intent drug-induced deaths among Idaho residents. Of the 160 deaths, 61 deaths (38.1%) reported prescription drug(s) only; 6 deaths (3.8%) reported prescription drug(s) in combination with non-prescription drug(s); 13 deaths (8.1%) reported non-prescription drug(s) only; 60 deaths (37.5%) reported "drug overdose with no mention of drug(s), and 20 deaths (12.5 %) reported "prescription drug overdose" with no mention of drug(s).

This table is based on the number of deaths, not the number of drugs reported on the death certificates.

*Prior to 2011, one ICD-10 code for the underlying cause of death was included on the death records for out-of-state deaths. ICD-10 codes for all other information were not provided on the multiple-cause of death data file for out of state deaths. The unknown drug category includes the out-of-state drug-induced death records prior to 2011.

See technical notes for additional information.

**Idaho Resident Undetermined Intent Drug-Induced Deaths
Number of Deaths From Prescription (RX) Drugs and Number of Drugs Listed by Type of Drug
Five-Year Aggregate 2009-2013**

Prescription Drugs	ICD-10 Code(s) Reported on Death Certificate	TOTAL	2009	2010	2011	2012	2013
Total Undetermined Intent Drug Deaths From Specified Prescription Drug(s) Alone or in Combination with Non-Prescription Drugs		67	11	13	13	19	11
Number of Prescription Drugs Reported*	ICD-10 codes T36.0-T39.9, T40.2-T40.4, T41.0-T43.5, and / or T43.8-T50.8	113	18	21	25	34	15
Total Systemic antibiotics, anti-infective & antiparasitics, hormones & antagonists, non-opioid analgesic, antipyretics, & antiheumatics	T36.0-T39.9	2	1	-	-	-	1
Total Prescription Opioid Pain Relievers	T40.2-T40.4	61	10	9	13	20	9
Codeine & morphine	T40.2	42	7	8	8	12	7
Methadone	T40.3	13	1	1	4	5	2
Other synthetic narcotics	T40.4	6	2	-	1	3	-
Total Anaesthetics, antiepileptic, sedative-hypnotic, & antiparkinsonism	T41.0-T42.9	21	2	6	5	8	-
Benzodiazepines	T42.2	19	1	6	5	7	-
All other	T41.0-T42.1, T42.3-T42.9	2	1	-	-	1	-
Total Psychotropic Drugs	T43.0-T43.5 and T43.8-T43.9	23	4	5	7	5	2
Tricyclic and tetracyclic antidepressants	T43.0	3	1	-	1	-	1
Monoamine-oxidase-inhibitor antidepressants	T43.1	-	-	-	-	-	-
Other and unspecified antidepressants (SSRI)	T43.2	13	2	5	3	3	-
Other antipsychotics & psychotropic drugs NES	T43.3-T43.5 and T43.8-T43.9	7	1	-	3	2	1
Total drugs affecting nervous system, cardiovascular system, gastrointestinal system, muscles and respiratory system, skin and mucous membranes, diuretics, and systemic and haematological agents	T44.0-T50.8	6	1	1	-	1	3

Undetermined intent deaths by drugs include poisoning by and exposure to drugs, medicaments, and biological substances. These may include illegal narcotics, prescription medications, and over-the-counter medications. Drug poisoning deaths were defined as those with an underlying cause of death classified using the *International Classification of Diseases, 10th Revision* (ICD-10) codes as Y10-Y14.9.

From 2009 to 2013, there were 160 undetermined intent drug-induced deaths among Idaho residents. Of the 160 deaths, 67 deaths (41.9%) were from prescription drug(s) alone or in combination with non-prescription drugs. Of the 67 deaths, there were 113 prescription drugs reported on the death certificates. Deaths with "prescription drug" reported with no mention of type of drug are not included in this table.

See technical notes for additional information.

**Idaho Resident Undetermined Intent Drug-Induced Deaths
Number of Deaths From Non-Prescription Drugs and Number of Drugs Listed by Type of Drug
Five-Year Aggregate 2009-2013**

Non-Prescription Drugs	ICD-10 Code(s) Reported on Death Certificate	TOTAL	2009	2010	2011	2012	2013
Total Undetermined Intent Drug Deaths From Non-Prescription Drugs Alone or in Combination with Prescription Drugs		19	1	4	9	2	3
Number of Non-Prescription Drugs Reported*	ICD-10 codes T40.0-T40.1, T40.5-T40.9 or T43.6	19	1	4	9	2	3
Opium	T40.0	-	-	-	-	-	-
Heroin	T40.1	3	-	1	2	-	-
Cocaine	T40.5	-	-	-	-	-	-
Other and unspecified narcotics	T40.6	7	-	2	4	-	1
Cannabis (marijuana)	T40.7	1	-	-	1	-	-
Lysergide (LSD)	T40.8	-	-	-	-	-	-
Other and unspecified psychodysleptics	T40.9	-	-	-	-	-	-
Psychostimulants with abuse potential	T43.6	8	1	1	2	2	2

Undetermined intent deaths by drugs include poisoning by and exposure to drugs, medicaments, and biological substances. These may include illegal narcotics, prescription medications, and over-the-counter medications. Drug poisoning deaths were defined as those with an underlying cause of death classified using the *International Classification of Diseases, 10th Revision* (ICD-10) codes as Y10-Y14.9.

From 2009 to 2013, there were 160 undetermined intent drug-induced deaths among Idaho residents. Of the 160 deaths, 19 deaths (11.9%) reported non-prescription drug(s) alone or in combination with prescription drug(s). Of the 19 drug deaths from non-prescription drug(s), 19 non-prescription drugs were reported on the death certificates.

See technical notes for additional information.

TECHNICAL NOTES

DRUG-INDUCED DEATHS

Drug-induced deaths as classified by the National Center for Health Statistics (NCHS). The list of codes included in drug-induced causes was expanded in 2003 and again in 2006 to be more comprehensive. ICD-10 codes:

D52.1, D59.0, D59.2, D61.1, D64.2, E06.4, E16.0, E23.1, E24.2, E27.3, E66.1, F11.0-F11.5, F11.7-F11.9, F12.0-F12.5, F12.7-F12.9, F13.0-F13.5, F13.7-F13.9, F14.0-F14.5, F14.7-F14.9, F15.0-F15.5, F15.7-F15.9, F16.0-F16.5, F16.7-F16.9, F17.0, F17.3-F17.5, F17.7-F17.9, F18.0-F18.5, F18.7-F18.9, F19.0-F19.5, F19.7-F19.9, G21.1, G24.0, G25.1, G25.4, G25.6, G44.4, G62.0, G72.0, I95.2, J70.2-J70.4, K85.3, L10.5, L27.0, L27.1, M10.2, M32.0, M80.4, M81.4, M83.5, M87.1, R50.2, R78.1- R78.5, X40-X44, X60-X64, X85, and Y10-Y14.

Drug-induced deaths include deaths due to drug psychosis; drug dependence; nondependent use of drugs not including alcohol and tobacco; drug-induced pancreatic; accidental poisoning by drugs, medicaments, and biologicals; intentional self-poisoning (suicide) by drugs, medicaments, and biologicals; assault (homicide) by poisoning by drugs and medicaments; and poisoning by drugs, medicaments, and biologicals, undetermined whether accidental or purposely inflicted. Drug-induced deaths do not include newborn deaths associated with mother's drug use or accidents such as falls and motor vehicle crashes, homicides, and other causes indirectly related to drug use.

ICD-10 Code F17.9: unspecified mental and behavioral disorder due to use of tobacco (chain, former, life long, or packs per day). The question 'Did tobacco use contribute to cause of death?' was added to the death certificate in 2003. Prior to 2003, deaths that were ill-defined or had an unknown cause of mortality listed on the death certificate were coded to ICD-10 codes R96-R99.9. Beginning in 2003, deaths that were ill-defined or had an unknown cause of mortality listed on the death certificate were coded to ICD-10 codes R96-R99.9, if the question 'Did tobacco use contribute to cause of death?' was marked no or unknown. If the question 'Did tobacco use contribute to cause of death?' was marked yes or probably, deaths that were ill-defined or had an unknown cause of mortality listed on the death certificate were coded to ICD-10 code F17.9. Beginning in 2007, a death certificate can only be coded to F17.9 if the resultant physical condition is unknown.

Idaho Vital Records receives death records for Idaho resident deaths occurring out of state. These records list the ICD-10 code for underlying cause of death. However, literal information on immediate cause, conditions leading to the immediate cause, underlying cause, other significant contributing conditions, and description of how the injury occurred were not provided to Idaho Vital Records prior to 2011. The number of out-of-state deaths prior to 2011 are shown in the unknown drug category. Beginning in 2011, all ICD-10 codes are included on the multiple-cause of death data file for analysis on out-of-state deaths.

TYPE OF DRUGS LISTED

The type of drug(s) are based on ICD-10 codes reported in the multiple-cause-of-death file. The type of drug(s) reported may have been listed in cause of death, other significant conditions leading to death, and/or cause of injury. No type of drug, one drug, or more than one drug may have been reported on the death certificate.

PRESCRIPTION DRUGS

Prescription: Drug overdose deaths, as defined, that have one or more prescription drugs: (T codes: T36.0-T39.9, T40.2-T40.4, T41.0-T43.5, T43.7-T50.8) as contributing causes.

TOTAL SYSTEMIC ANTIBIOTICS, ANTI-INFECTIVE, ANITPARASITICS, HORMONES & ANTAGONISTS, NON-OPIOID ANALGESIC, ANTIPYRETICS & ANTIHEUMATICS (T36.0-T39.9)

Includes, but not limited to, the following drugs:

<i>Acetaminophen</i>	<i>Levamisole</i>	<i>Salicylate</i>
<i>Ibuprofen</i>	<i>Metformin</i>	<i>Tylenol</i>

OPIOID ANALGESICS (pain relievers) (T40.2-T40.4)

Includes, but not limited to, the following drugs:

<i>Buprenorphine</i>	<i>Hydromorphone</i>	<i>Oxymorphone</i>
<i>Codeine</i>	<i>Meperidine</i>	<i>Percocet</i>
<i>Darvocet</i>	<i>Methadone</i>	<i>Propoxyphene</i>
<i>Fentanyl</i>	<i>Morphine</i>	<i>Tramadol</i>
<i>Hydrocodone</i>	<i>Oxycodone</i>	<i>Vicodin</i>

TOTAL ANAESTHETICS, ANTIEPILEPTIC, SEDATIVE-HYPNOTIC, ANTIPARKINSONISM (T41-T42.9)

Includes, but not limited to, the following drugs:

<i>Alprazolam</i>	<i>Diazepam</i>	<i>Phencyclidine</i>
<i>Ambien</i>	<i>Flurazepam</i>	<i>Phenobarbital</i>
<i>Barbiturate</i>	<i>Gabapentin</i>	<i>Phenytoin</i>
<i>Benzodiazepine</i>	<i>Lidocaine</i>	<i>Propofol</i>
<i>Butalbital</i>	<i>Lorazepam</i>	<i>Temazepam</i>
<i>Carisoprodol</i>	<i>Metaxalone</i>	<i>Topiramate</i>
<i>Chlordiazepoxide</i>	<i>Methocarbamol</i>	<i>Xanax</i>
<i>Clonazepam</i>	<i>Orphenadrine</i>	<i>Zolpidem</i>
<i>Clozapine</i>	<i>Oxazepam</i>	

TOTAL PSYCHOTROPIC DRUGS (T43-T43.5, T43.8-T43.9)

Includes, but not limited to, the following drugs:

<i>Amitriptyline</i>	<i>Escitalopram</i>	<i>Promethazine</i>
<i>Bupropion</i>	<i>Fluoxetine</i>	<i>Propafenone</i>
<i>Chlorpromazine</i>	<i>Hydroxyzine</i>	<i>Quetiapine</i>
<i>Citalopram</i>	<i>Meprobamate</i>	<i>Sertraline</i>
<i>Clomipramine</i>	<i>Mirtazapine</i>	<i>Trazodone</i>
<i>Desipramine</i>	<i>Nortriptyline</i>	<i>Venlafaxine</i>
<i>Doxepin</i>	<i>Olanzapine</i>	<i>Paroxetine</i>
<i>Duloxetine</i>		

TOTAL DRUGS AFFECTING THE NERVOUS SYSTEM, CARDIOVASCULAR SYSTEM, GASTROINTESTINAL SYSTEM, MUSCLES AND RESPIRATORY SYSTEM, SKIN AND MUCOUS MEMBRANES, DIURETICS, AND SYSTEMIC AND HAEMATOLOGICAL AGENTS (T44.0-T50.8)

Includes, but not limited to, the following drugs:

<i>Benadryl</i>	<i>Diltiazem</i>	<i>Metoprolol</i>
<i>Bleomycin</i>	<i>Diphenhydramine</i>	<i>Propafenone</i>
<i>Chlorpheniramine</i>	<i>Doxylamine</i>	<i>Propranolol</i>
<i>Cyclobenzaprine</i>	<i>Methorphan</i>	<i>Pseudoephedrine</i>
<i>Dextromethorphan</i>	<i>Methotrexate</i>	<i>Verapamil</i>
<i>Digoxin</i>	<i>Metoclopramide</i>	<i>Warfarin</i>

NONPRESCRIPTION DRUGS

Non-Prescription: Drug overdose deaths, as defined, that have (T40.0-T40.1, T40.5-T40.9, T43.6) as contributing causes.

OPIUM (T40.0)

HEROIN (T40.1)

COCAINE (T40.5)

OTHER AND UNSPECIFIED NARCOTICS (T40.6)

CANNABIS (T40.7)

LYSERGIDE 'LSD' (T40.8)

OTHER AND UNSPECIFIED PSYCHODYSLEPTICS (T40.9)

PSYCHOSTIMULANTS WITH ABUSE POTENTIAL (T43.6)

Includes, but not limited to, the following drugs:

<i>Amphetamines</i>	<i>Methamphetamine</i>	<i>Methylphenidate</i>
<i>MDMA (Ecstasy)</i>	<i>MDA</i>	

NO DRUGS REPORTED

The ICD-10 code T50.9 is the code for "Other and unspecified drugs, medicaments, and biological substances" and is used when "prescription overdose", "pain medication", or "drug overdose" was reported on the death certificate. A manual review of records with ICD-10 code T50.9 was conducted to categorize the death as either "drug overdose" or "prescription overdose".

SMALL NUMBERS AND RATES

Please note that the smaller the number of events upon which the rate is based, the larger the confidence interval will be. This clearly demonstrates the wider variability (and lesser reliability) of rates based on smaller numbers. As a general rule, rates based on less than 20 events should be considered unstable and are not recommended for comparative use or in determining significance.

CRUDE RATE: The crude rate is calculated by the number of deaths from a specific drug-induced cause per 100,000 population by demographic. I.e.: 100,000 population by gender, age-group, district, race, county, etc.

$$\frac{\text{Deaths from a specific drug-induced cause}}{\text{population by demographic}} \times 100,000$$

FOR MORE INFORMATION

For more information, contact the Bureau of Vital Records and Health Statistics, Idaho Department of Health and Welfare at (208) 334-6571. This publication, other fact sheets, and reports are available on the web at <http://healthstatistics.dhw.idaho.gov>.

Costs associated with this publication are available from the
Idaho Department of Health and Welfare.
HW - 1206 – January 2016