

**DRUG-INDUCED DEATHS DATA SUMMARY**

**IDAHO**

**Drug-Induced Deaths to Idaho Residents and  
Drug-Induced Deaths to Idaho Residents Occurring in Idaho**

**2005-2007**

**Bureau of Vital Records and Health Statistics  
Division of Health  
Idaho Department of Health and Welfare**

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## **DRUG-INDUCED DEATHS 2005-2007**

### **Definition**

Drug-Induced deaths to Idaho residents include all deaths where drug use/abuse was listed as an underlying cause of death, regardless of where the death occurred. Drug-induced deaths include illicit, prescription, and over-the-counter drugs.

Drug-induced deaths include deaths due to drug psychosis; drug dependence including 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; 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, accidents such as falls and motor vehicle crashes, homicides, and other causes indirectly related to drug use.

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, (Ill-defined and unknown causes of mortality). 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, mental and behavioral disorders due to use of tobacco. Beginning in 2007, a death certificate can only be coded to F17.9 if the resultant physical condition is unknown.

Death certificates with the verbiage 'abuse' or 'usage' will be 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' will be coded to an accidental (unintentional), suicide, homicide, or undetermined manner of death depending on the manner of death reported by the coroner.

In Idaho, if a death was due to other than natural causes, a coroner must complete and sign the death certificate.

## **IDAHO RESIDENT DRUG-INDUCED DEATHS 2005-2007**

### **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 are not provided to Idaho Vital Records. For this reason, the table containing data by cause of death is analyzed from the ICD-10 code only.

### **Summary**

There were 389 drug-induced deaths to Idaho residents from 2005 to 2007. Table 1 shows that a total of 365 deaths (93.8 percent) occurred in Idaho. The number of drug-induced deaths for Idaho residents increased 5.0 percent from 119 deaths in 2005 to 125 deaths in 2007.

From 2005 through 2007 the average-annual drug-induced death rate for Idaho was 8.8 deaths per 100,000 population (see Table 2A). The 2005 through 2007 average-annual drug-induced death rate for District 3 (6.9 deaths per 100,000 population) was 33.6 percent lower than the rest of the state. The 2005 through 2007 average-annual drug-induced death rate for District 6 (10.8 deaths per 100,000 population) was 25.7 percent higher than the rest of the state.

Table 3 contains drug-induced deaths for Idaho residents from 2005 through 2007 and for the U.S. for 2005 (latest year available). The drug-induced death rate for the U.S. (11.3 deaths per 100,000 population) was significantly higher than the rate observed in Idaho (8.8 deaths per 100,000 population). Much of the difference can be attributed to the higher rate of accidental (unintentional injury) drug-induced deaths in the United States. The accidental (unintentional injury) drug-induced death rate for the U.S. was 43.4 percent higher than the Idaho rate. The intentional self-harm (suicide) drug-induced death rate was 1.4 deaths per 100,000 population in the U.S. and 1.5 deaths per 100,000 population in Idaho. Coroners were unable to determine the intent for 14.4 percent of all drug-induced deaths for Idaho residents and 9.1 percent for the United States.

**TABLE 1**  
**Idaho Resident Drug-Induced Deaths**  
**by Place of Death (In Idaho and Out of State)**  
**2005-2007**

	TOTAL		2005		2006		2007	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>IDAHO RESIDENT DRUG-INDUCED DEATHS</b>								
<b>Total Drug-Induced Deaths to Idaho Residents</b>	<b>389</b>	<b>100.0</b>	<b>119</b>	<b>100.0</b>	<b>145</b>	<b>100.0</b>	<b>125</b>	<b>100.0</b>
Deaths Occurring Out of State	24	6.2	8	6.7	11	7.6	5	4.0
Deaths Occurring In Idaho	365	93.8	111	93.3	134	92.4	120	96.0

**TABLE 2A**  
**Idaho Resident Drug-Induced Deaths**  
**Number and Average-Annual Rate by District of Residence**  
**2005-2007**

	TOTAL	DISTRICT OF RESIDENCE						
		1	2	3	4	5	6	7
<b>IDAHO RESIDENT DRUG-INDUCED DEATHS</b>								
<b>Total Drug-Induced Deaths to Idaho Residents</b>	<b>389</b>	<b>56</b>	<b>26</b>	<b>49</b>	<b>127</b>	<b>40</b>	<b>53</b>	<b>38</b>
Number of Deaths Occurring Out of State	24	7	6	1	6	1	2	1
Number of Deaths Occurring In Idaho	365	49	20	48	121	39	51	37
Average-Annual Idaho Resident Death Rate <sup>1</sup>	8.8	9.1	8.6	6.9	10.5	7.7	10.8	7.0

1. Rate: Average number of drug-induced deaths per 100,000 population. Rates are based on mid-year population.

**TABLE 2B**  
**Idaho Resident Drug-Induced Deaths**  
**Percent by District of Residence**  
**2005-2007**

	TOTAL	DISTRICT OF RESIDENCE						
		1	2	3	4	5	6	7
<b>IDAHO RESIDENT DRUG-INDUCED DEATHS</b>								
Percent of Deaths Occurring Out of State	6.2%	12.5%	23.1%	2.0%	4.7%	2.5%	3.8%	2.6%
Percent of Deaths Occurring In Idaho	93.8%	87.5%	76.9%	98.0%	95.3%	97.5%	96.2%	97.4%

See Technical Notes for additional information.

**TABLE 3**  
**Drug-Induced Deaths**  
**Idaho Residents (2005-2007), United States Residents (2005)**

CAUSE OF DEATH	ICD-10 CODE	IDAHO			UNITED STATES		
		Number	Rate <sup>1</sup>	Percent	Number	Rate <sup>1</sup>	Percent
<b>Total Drug-Induced Deaths</b>	Footnote 2	<b>389</b>	<b>8.8</b>	<b>100.0</b>	<b>33,541</b>	<b>11.3</b>	<b>100.0</b>
<b>Total Psychoactive Substance and Drug Use/Abuse</b>	Footnote 3	<b>30</b>	<b>0.7</b>	<b>7.7</b>	<b>3,714</b>	<b>1.3</b>	<b>11.1</b>
Mental and behavioral disorders due to use of tobacco	Footnote 4	20	0.5	5.1	1,100	0.4	3.3
Mental and behavioral disorders due to other drugs	Footnote 5	10	0.2	2.6	2,614	0.9	7.8
<b>Accidental (Unintentional Injury) Poisoning by Drugs</b>	X40-X44	<b>231</b>	<b>5.3</b>	<b>59.4</b>	<b>22,448</b>	<b>7.6</b>	<b>66.9</b>
Nonopioid analgesics, antipyretics, and antirheumatics	X40	1	**	0.3	226	0.1	0.7
Antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified	X41	29	0.7	7.5	1,496	0.5	4.5
Narcotics and psychodysleptics (hallucinogens), not elsewhere classified	X42	83	1.9	21.3	11,050	3.7	32.9
Other drugs acting on the autonomic nervous system	X43	-	-	-	23	**	0.1
Other and unspecified drugs, medicaments, and biological substances	X44	118	2.7	30.3	9,653	3.3	28.8
<b>Intentional Self-Harm (Suicide) by Drugs</b>	X60-X64	<b>67</b>	<b>1.5</b>	<b>17.2</b>	<b>4,240</b>	<b>1.4</b>	<b>12.6</b>
Nonopioid analgesics, antipyretics, and antirheumatics	X60	2	**	0.5	243	0.1	0.7
Antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified	X61	11	0.3	2.8	930	0.3	2.8
Narcotics and psychodysleptics (hallucinogens), not elsewhere classified	X62	9	0.2	2.3	613	0.2	1.8
Other drugs acting on the autonomic nervous system	X63	-	-	-	16	**	**
Other and unspecified drugs, medicaments, and biological substances	X64	45	1.0	11.6	2,438	0.8	7.3
<b>Assault (Homicide) by Drugs, Medicaments, and Biological Substances</b>	X85	<b>4</b>	<b>0.1</b>	<b>1.0</b>	<b>57</b>	<b>**</b>	<b>0.2</b>
<b>Undetermined Intent Poisoning by Drugs</b>	Y10-Y14	<b>56</b>	<b>1.3</b>	<b>14.4</b>	<b>3,068</b>	<b>1.0</b>	<b>9.1</b>
Nonopioid analgesics, antipyretics, and antirheumatics	Y10	2	**	0.5	71	**	0.2
Antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified	Y11	6	0.1	1.5	290	0.1	0.9
Narcotics and psychodysleptics (hallucinogens), not elsewhere classified	Y12	14	0.3	3.6	1,411	0.5	4.2
Other drugs acting on the autonomic nervous system	Y13	-	-	-	5	**	**
Other and unspecified drugs, medicaments, and biological substances	Y14	34	0.8	8.7	1,291	0.4	3.8
<b>Other Drug-Related Deaths</b>	Footnote 6	<b>1</b>	<b>**</b>	<b>0.3</b>	<b>14</b>	<b>**</b>	<b>**</b>

1. Rates are per 100,000 population. Idaho rates are based on mid-year population.

2. See Technical Notes for a full list of ICD-10 codes for drug-induced deaths.

3. ICD-10 Codes for total psychoactive substance and drug use/abuse deaths: 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, and F19.7-F19.9.

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

5. 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.

6. 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, L10.5, L27.0, L27.1, M10.2, M32.0, M80.4, M81.4, M83.5, M87.1, R78.1-R78.5.

\*\* 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.

## **IDAHO RESIDENT DRUG-INDUCED DEATHS OCCURRING IN IDAHO 2005-2007**

### **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 are not provided to Idaho Vital Records. For this reason, the tables containing data broken out by substances listed on the death certificate are limited to Idaho resident deaths occurring in Idaho only.

### **Summary**

There were 365 drug-induced deaths to Idaho residents occurring in Idaho from 2005 to 2007. The number of Idaho resident drug-induced deaths occurring in Idaho to residents increased 8.1 percent from 111 deaths in 2005 to 120 deaths in 2007.

The literal section of the death certificate allows the coroner/physician to list the substance(s) taken by the decedent. Table 4 shows that the most common substance listed on the death certificate among Idaho residents who died in Idaho was Methadone (17.5 percent) followed by Benzodiazepine (11.8 percent) and Hydrocodone (11.8 percent). A total of 31.8 percent of all drug-induced deaths occurring in Idaho to Idaho residents did not mention a specific drug. Of the 365 drug-induced deaths, 57 (15.6 percent) also listed alcohol.

Table 6 indicates that individuals aged 35-54 accounted for 59.2 percent of the drug-induced deaths to Idaho residents occurring in Idaho. Only 6.0 percent of all deaths were to Idahoans 65 and older. Males accounted for 54.0 percent of all the drug-induced deaths to Idaho residents occurring in Idaho.

The manner of death for drug-induced deaths to Idaho residents occurring in Idaho is shown in Table 7. The majority (58.4 percent) of the drug-induced deaths to Idaho residents occurring in Idaho were the result of unintentional or accidental poisoning. An additional 0.8 percent were assault (homicides), 8.8 percent natural, 17.3 percent intentional self-harm (suicides), and 14.8 percent were undetermined. Of the natural deaths, Mental and behavioral disorders due to use of tobacco accounted for 62.5 percent, an additional 25.0 percent were caused by Mental and behavioral disorders due to multiple drug use and use of other psychoactive substances.

**TABLE 4**  
**Idaho Resident Drug-Induced Deaths Occurring in Idaho**  
**Substances Mentioned on Death Certificate by Year**  
**2005-2007**

	TOTAL		YEAR		
	Number	Percent	2005	2006	2007
<b>SUMMARY OF SUBSTANCES MENTIONED ON DEATH CERTIFICATE</b>					
<b>Total Drug-Induced Deaths to Idaho Residents Occurring in Idaho</b>	<b>365</b>	<b>100.0</b>	<b>111</b>	<b>134</b>	<b>120</b>
<b>Substances Listed on Death Certificates*</b>	<b>592</b>	<b>100.0</b>	<b>172</b>	<b>212</b>	<b>208</b>
<b>Total Nonopioid Analgesics, Antipyretics, and Antirheumatics</b>	<b>3</b>	<b>0.8</b>	<b>-</b>	<b>2</b>	<b>1</b>
Salicylates/Acetylsalicylic (aspirin)	1	0.3	-	-	1
Other (inc. 4-aminophenol, NSAID, pyrazolone)	2	0.5	-	2	-
<b>Total Antiepileptic, Sedative-Hypnotic, Antiparkinsonism, and Psychotropic</b>	<b>145</b>	<b>39.7</b>	<b>51</b>	<b>44</b>	<b>50</b>
Amphetamine	4	1.1	3	-	1
Antidepressants	37	10.1	17	9	11
Antipsychotics	9	2.5	3	3	3
Barbiturates	1	0.3	1	-	-
Benzodiazepine	43	11.8	11	19	13
Gamma-hydroxybutyrate (GHB)	-	-	-	-	-
Methamphetamine	29	7.9	13	6	10
Muscle relaxants	13	3.6	3	4	6
Other (inc. anti-anxiety, antitussive, sedatives, tranquilizers, etc.)	9	2.5	-	3	6
<b>Total Narcotics and Psychodysleptics (hallucinogens)</b>	<b>212</b>	<b>58.1</b>	<b>52</b>	<b>81</b>	<b>79</b>
Cannabis (Marijuana)	-	-	-	-	-
Cocaine	1	0.3	1	-	-
Codeine	9	2.5	2	5	2
Heroin	10	2.7	3	4	3
Hydrocodone / Hydrocodone and Acetaminophen combinations	43	11.8	10	14	19
Methadone	64	17.5	11	32	21
Morphine	20	5.5	2	8	10
Oxycodone / Oxycontin	24	6.6	10	7	7
Other (inc. LSD, mescaline, opium/alkaloids)	32	8.8	9	9	14
Drug overdose of narcotic drug(s), narcotic drug(s) not listed	9	2.5	4	2	3
<b>Other Known (named), Medicaments, and Biological Substances</b>	<b>39</b>	<b>10.7</b>	<b>14</b>	<b>14</b>	<b>11</b>
Antihistamines	27	7.4	10	11	6
Other (inc. antiemetics, antihypertensive, insulin, anticonvulsant, etc.)	12	3.3	4	3	5
<b>Alcohol in combination with a drug(s)</b>	<b>57</b>	<b>15.6</b>	<b>16</b>	<b>22</b>	<b>19</b>
<b>Tobacco Use</b>	<b>20</b>	<b>5.5</b>	<b>8</b>	<b>11</b>	<b>1</b>
<b>Specific Drug, Medicament, or Biological Substance Not Listed</b>	<b>116</b>	<b>31.8</b>	<b>31</b>	<b>38</b>	<b>47</b>
Drug use/overdose, no mention of type of drug(s)	54	14.8	15	19	20
Drug use/overdose of pain medication(s), pain medication(s) not listed	1	0.3	-	-	1
Drug use/overdose of prescription drug(s), prescription drug(s) not listed	61	16.7	16	19	26

\* Each death certificate may list one or more specific substance(s) or no specific substance. See Technical Notes for additional information.



**TABLE 5**  
**Idaho Resident Drug-Induced Deaths Occurring in Idaho**  
**Substances Mentioned on Death Certificate by District of Residence**  
**2005-2007**

SUMMARY OF SUBSTANCES MENTIONED ON DEATH CERTIFICATE	TOTAL	DISTRICT OF RESIDENCE						
		1	2	3	4	5	6	7
<b>Total Drug-Induced Deaths to Idaho Residents Occurring in Idaho</b>	<b>365</b>	<b>49</b>	<b>20</b>	<b>48</b>	<b>121</b>	<b>39</b>	<b>51</b>	<b>37</b>
<b>Substances Listed on Death Certificates*</b>	<b>592</b>	<b>105</b>	<b>28</b>	<b>72</b>	<b>230</b>	<b>52</b>	<b>60</b>	<b>45</b>
<b>Total Nonopioid Analgesics, Antipyretics, and Antirheumatics</b>	<b>3</b>	<b>1</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Salicylates/Acetylsalicylic (aspirin)	1	-	-	1	-	-	-	-
Other (inc. 4-aminophenol, NSAID, pyrazolone)	2	1	-	1	-	-	-	-
<b>Total Antiepileptic, Sedative-Hypnotic, Antiparkinsonism, and Psychotropic</b>	<b>145</b>	<b>25</b>	<b>3</b>	<b>17</b>	<b>76</b>	<b>10</b>	<b>8</b>	<b>6</b>
Amphetamine	4	1	-	1	2	-	-	-
Antidepressants	37	6	1	2	19	3	2	4
Antipsychotics	9	-	1	4	3	1	-	-
Barbiturates	1	-	-	-	-	-	-	1
Benzodiazepine-Not Otherwise Stated	43	12	1	3	24	-	3	-
Gamma-hydroxybutyrate (GHB)	-	-	-	-	-	-	-	-
Methamphetamine	29	3	-	3	17	3	2	1
Muscle relaxants	13	3	-	2	5	3	-	-
Other (inc. antianxiety, antitussive, sedatives, tranquilizers, etc.)	9	-	-	2	6	-	1	-
<b>Total Narcotics and Psychodysleptics (hallucinogens)</b>	<b>212</b>	<b>40</b>	<b>10</b>	<b>16</b>	<b>110</b>	<b>15</b>	<b>11</b>	<b>10</b>
Cannabis (Marijuana)	-	-	-	-	-	-	-	-
Cocaine	1	1	-	-	-	-	-	-
Codeine	9	-	1	2	5	-	1	-
Heroin	10	-	-	3	7	-	-	-
Hydrocodone / Hydrocodone and Acetaminophen combinations	43	6	1	4	27	4	1	-
Methadone	64	13	3	4	30	4	4	6
Morphine	20	4	-	-	11	2	1	2
Oxycodone / Oxycontin	24	8	-	-	11	3	1	1
Other (inc. LSD, mescaline, opium/alkaloids)	32	8	1	3	17	1	1	1
Drug overdose of narcotic drug(s), narcotic drug(s) not listed	9	-	4	-	2	1	2	-
<b>Other Known (named), Medicaments, and Biological Substances</b>	<b>39</b>	<b>14</b>	<b>-</b>	<b>2</b>	<b>15</b>	<b>7</b>	<b>1</b>	<b>-</b>
Antihistamines	27	9	-	-	12	6	-	-
Other (inc. antiemetics, antihypertensive, insulin, anticonvulsant, etc.)	12	5	-	2	3	1	1	-
<b>Alcohol in combination with a drug(s)</b>	<b>57</b>	<b>12</b>	<b>3</b>	<b>7</b>	<b>19</b>	<b>5</b>	<b>4</b>	<b>7</b>
<b>Tobacco Use</b>	<b>20</b>	<b>-</b>	<b>1</b>	<b>7</b>	<b>6</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>Specific Drug, Medicament, or Biological Substance Not Listed</b>	<b>116</b>	<b>13</b>	<b>11</b>	<b>21</b>	<b>4</b>	<b>13</b>	<b>34</b>	<b>20</b>
Drug use/overdose, no mention of type of drug(s)	54	12	6	6	3	5	17	5
Drug use/overdose of pain medication(s), pain medication(s) not listed	1	-	-	-	-	-	1	-
Drug use/overdose of prescription drug(s), prescription drug(s) not listed	61	1	5	15	1	8	16	15

\* Each death certificate may list one or more specific substance(s) or no specific substance. See Technical Notes for additional information.

TABLE 6  
 Idaho Resident Drug-Induced Deaths Occurring in Idaho  
 Substances Mentioned on Death Certificate by Age Group and Gender  
 2005-2007

SUMMARY OF SUBSTANCES MENTIONED ON DEATH CERTIFICATE	TOTAL	AGE GROUP					GENDER	
		<35	35-44	45-54	55-64	65+	Female	Male
<b>Total Drug-Induced Deaths to Idaho Residents Occurring in Idaho</b>	<b>365</b>	<b>81</b>	<b>97</b>	<b>119</b>	<b>46</b>	<b>22</b>	<b>168</b>	<b>197</b>
<b>Substances Listed on Death Certificates*</b>	<b>592</b>	<b>137</b>	<b>174</b>	<b>186</b>	<b>69</b>	<b>26</b>	<b>278</b>	<b>314</b>
<b>Total Nonopioid Analgesics, Antipyretics, and Antirheumatics</b>	<b>3</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>5</b>	<b>1</b>
Salicylates/Acetylsalicylic (aspirin)	1	1	-	-	-	-	1	-
Other (inc. 4-aminophenol, NSAID, pyrazolone)	2	-	-	1	1	-	2	-
<b>Total Antiepileptic, Sedative-Hypnotic, Antiparkinsonism, and Psychotropic</b>	<b>145</b>	<b>33</b>	<b>50</b>	<b>49</b>	<b>12</b>	<b>1</b>	<b>72</b>	<b>73</b>
Amphetamine	4	1	2	-	1	-	3	1
Antidepressants	37	6	13	13	5	-	22	15
Antipsychotics	9	2	1	6	-	-	5	4
Barbiturates	1	1	-	-	-	-	-	1
Benzodiazepine-Not Otherwise Stated	43	10	12	16	4	1	22	21
Gamma-hydroxybutyrate (GHB)	-	-	-	-	-	-	-	-
Methamphetamine	29	9	12	7	1	-	8	21
Muscle relaxants	13	2	6	4	1	-	7	6
Other (inc. antianxiety, antitussive, sedatives, tranquilizers, etc.)	9	2	4	3	-	-	5	4
<b>Total Narcotics and Psychodysleptics (hallucinogens)</b>	<b>212</b>	<b>57</b>	<b>61</b>	<b>59</b>	<b>25</b>	<b>10</b>	<b>86</b>	<b>123</b>
Cannabis (Marijuana)	-	-	-	-	-	-	-	-
Cocaine	1	-	1	-	-	-	-	1
Codeine	9	2	2	4	1	-	5	4
Heroin	10	3	2	4	1	-	-	10
Hydrocodone / Hydrocodone and Acetaminophen combinations	43	8	15	11	5	4	22	21
Methadone	64	25	14	17	6	2	22	42
Morphine	20	3	8	5	4	-	10	10
Oxycodone / Oxycontin	24	6	9	7	2	-	9	15
Other (inc. LSD, mescaline, opium/alkaloids)	32	7	9	8	5	3	16	16
Drug overdose of narcotic drug(s), narcotic drug(s) not listed	9	3	1	3	1	1	4	5
<b>Other Known (named), Medicaments, and Biological Substances</b>	<b>39</b>	<b>14</b>	<b>12</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>25</b>	<b>14</b>
Antihistamines	27	12	9	3	2	1	18	9
Other (inc. antiemetics, antihypertensive, insulin, anticonvulsant, etc.)	12	2	3	1	3	3	7	5
<b>Alcohol in combination with a drug(s)</b>	<b>57</b>	<b>11</b>	<b>15</b>	<b>23</b>	<b>6</b>	<b>2</b>	<b>19</b>	<b>38</b>
<b>Tobacco Use</b>	<b>20</b>	<b>-</b>	<b>2</b>	<b>2</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>12</b>
<b>Specific Drug, Medicament, or Biological Substance Not Listed</b>	<b>116</b>	<b>21</b>	<b>34</b>	<b>48</b>	<b>12</b>	<b>1</b>	<b>63</b>	<b>53</b>
Drug use/overdose, no mention of type of drug(s)	54	10	18	22	4	-	28	26
Drug use/overdose of pain medication(s), pain medication(s) not listed	1	-	-	1	-	-	1	-
Drug use/overdose of prescription drug(s), prescription drug(s) not listed	61	11	16	25	8	1	34	27

\* Each death certificate may list one or more specific substance(s) or no specific substance. See Technical Notes for additional information.

**TABLE 7**  
**Idaho Resident Drug-Induced Deaths Occurring in Idaho**  
**Substances Mentioned on Death Certificate by Manner of Death**  
**2005-2007**

SUMMARY OF SUBSTANCES MENTIONED ON DEATH CERTIFICATE	TOTAL	MANNER OF DEATH <sup>1</sup>				
		Accident	Homicide	Natural	Suicide	Undetermined
<b>Total Drug-Induced Deaths to Idaho Residents Occurring in Idaho</b>	<b>365</b>	<b>213</b>	<b>3</b>	<b>32</b>	<b>63</b>	<b>54</b>
<b>Substances Listed on Death Certificates<sup>2</sup></b>	<b>592</b>	<b>353</b>	<b>3</b>	<b>36</b>	<b>121</b>	<b>79</b>
<b>Total Nonopioid Analgesics, Antipyretics, and Antirheumatics</b>	<b>3</b>	-	-	<b>1</b>	<b>2</b>	-
Salicylates/Acetylsalicylic (aspirin)	1	-	-	-	1	-
Other (inc. 4-aminophenol, NSAID, pyrazolone)	2	-	-	1	1	-
<b>Total Antiepileptic, Sedative-Hypnotic, Antiparkinsonism, and Psychotropic</b>	<b>145</b>	<b>85</b>	-	-	<b>38</b>	<b>22</b>
Amphetamine	4	-	-	-	3	1
Antidepressants	37	17	-	-	10	10
Antipsychotics	9	4	-	-	4	1
Barbiturates	1	1	-	-	-	-
Benzodiazepine-Not Otherwise Stated	43	29	-	-	9	5
Gamma-hydroxybutyrate (GHB)	-	-	-	-	-	-
Methamphetamine	29	24	-	-	3	2
Muscle relaxants	13	7	-	-	4	2
Other (inc. antianxiety, antitussive, sedatives, tranquilizers, etc.)	9	3	-	-	5	1
<b>Total Narcotics and Psychodysleptics (hallucinogens)</b>	<b>212</b>	<b>154</b>	-	<b>2</b>	<b>28</b>	<b>28</b>
Cannabis (Marijuana)	-	-	-	-	-	-
Cocaine	1	-	-	-	-	1
Codeine	9	7	-	-	1	1
Heroin	10	10	-	-	-	-
Hydrocodone / Hydrocodone and Acetaminophen combinations	43	31	-	-	10	2
Methadone	64	48	-	-	5	11
Morphine	20	16	-	-	1	3
Oxycodone / Oxycodone	24	17	-	-	3	4
Other (inc. LSD, mescaline, opium/alkaloids)	32	20	-	1	7	4
Drug overdose of narcotic drug(s), narcotic drug(s) not listed	9	5	-	1	1	2
<b>Other Known (named), Medicaments, and Biological Substances</b>	<b>39</b>	<b>16</b>	<b>3</b>	<b>2</b>	<b>14</b>	<b>4</b>
Antihistamines	27	13	3	-	9	2
Other (inc. antiemetics, antihypertensive, insulin, anticonvulsant, etc.)	12	3	-	2	5	2
<b>Alcohol in combination with a drug(s)</b>	<b>57</b>	<b>34</b>	-	<b>4</b>	<b>15</b>	<b>4</b>
<b>Tobacco Use</b>	<b>20</b>	-	-	<b>20</b>	-	-
<b>Specific Drug, Medicament, or Biological Substance Not Listed</b>	<b>116</b>	<b>64</b>	-	<b>7</b>	<b>24</b>	<b>21</b>
Drug use/overdose, no mention of type of drug(s)	54	28	-	7	8	11
Drug use/overdose of pain medication(s), pain medication(s) not listed	1	-	-	-	-	1
Drug use/overdose of prescription drug(s), prescription drug(s) not listed	61	36	-	-	16	9

1. Accident (unintentional injury), assault (homicide), and intentional self-harm (suicide).  
2. Each death certificate may list one or more specific substance(s) or no specific substance.  
See Technical Notes for additional information.

**NATURAL EXAMPLE**

According to The National Association of Medical Examiners, a drug overdose is determined natural when it is “due solely or nearly totally to disease/and or the aging process.”

Death certificates with the verbiage ‘abuse’ or ‘usage’ will be coded to a natural manner of death, ICD-10 code F19.1, Mental and behavioral disorders due to multiple drug use and use of other psychoactive substances. Death certificates with the verbiage ‘overdose’ will not be classified as natural deaths.

<b>CAUSE OF DEATH</b>		Approximate Interval: Onset to Death
<p><b>PART I.</b> Enter the chain of events - - diseases, injuries, or complications - - that directly caused the death. DO NOT enter terminal events such as cardiac arrest, respiratory arrest, or ventricular fibrillation without showing the etiology. DO NOT ABBREVIATE. Enter only one cause on a line:</p> <p><b>IMMEDIATE CAUSE</b> (Final disease or condition resulting in death) </p> <p>Sequentially list conditions, if any, leading to the cause listed on line a. Enter the <b>UNDERLYING CAUSE</b> <b>LAST</b> (disease or injury that initiated the events)</p>		Immediate
	a. <u>Ventricular Fibrillation to Asystole</u> DUE TO (or as a consequence of):	Years
	b. <u>Chronic Hepatic Failure</u> DUE TO (or as a consequence of):	Years
	c. <u>Substance Abuse</u> DUE TO (or as a consequence of):	Years
	d. _____ DUE TO (or as a consequence of):	Years
<p><b>PART II.</b> Enter <u>other significant conditions contributing to death</u> but not resulting in the underlying cause given in Part I</p> <p>Alcohol abuse</p>		<p><b>MANNER OF DEATH</b></p> <p><input checked="" type="checkbox"/> Natural      <input type="checkbox"/> Homicide</p> <p><input type="checkbox"/> Accident      <input type="checkbox"/> Pending Investigation</p> <p><input type="checkbox"/> Suicide      <input type="checkbox"/> Could not be determined</p>
<p><b>DID TOBACCO USE CONTRIBUTE TO DEATH?</b></p> <p><input type="checkbox"/> Yes      <input type="checkbox"/> No</p> <p><input type="checkbox"/> Probably      <input checked="" type="checkbox"/> Unknown</p>	<p>DESCRIBE HOW INJURY OCCURRED. IF TRANSPORTATION INJURY, STATE THE TYPE(S) OF VEHICLE(S) INVOLVED (Automobile, pickup, motorcycle, ATV, bicycle, etc.)</p> <p>SPECIFY WHICH VEHICLE DECEDENT OCCUPIED, if applicable</p>	

**UNDETERMINED EXAMPLE**

According to The National Association of Medical Examiners, a drug overdose is undetermined when “the information pointing to one manner of death is no more compelling than one or more other competing manners of death when all information is considered.” In the absence of witnesses, the intent may never be known even after an extensive investigation.

Physicians and coroners can list out each individual substance that contributed to the decedent's cause of death or they can list the drug category. The decedent may have used several types of one category, such as an antidepressant. Therefore, the physician or coroner chooses to write ‘antidepressant’ rather than ‘Prozac’ and ‘Zoloft’. The underlying cause of death for this example is ICD-10 code Y14.

<b>CAUSE OF DEATH</b>		Approximate Interval: Onset to Death
<p><b>PART I.</b> Enter the chain of events - - diseases, injuries, or complications - - that directly caused the death. DO NOT enter terminal events such as cardiac arrest, respiratory arrest, or ventricular fibrillation without showing the etiology. DO NOT ABBREVIATE. Enter only one cause on a line:</p> <p><b>IMMEDIATE CAUSE</b> (Final disease or condition resulting in death) </p> <p>Sequentially list conditions, if any, leading to the cause listed on line a. Enter the <b>UNDERLYING CAUSE</b> <b>LAST</b> (disease or injury that initiated the events)</p>		36 hours
	a. <u>Narcotic overdose</u> DUE TO (or as a consequence of):	36 hours
	b. <u>Benzodiazepine overdose</u> DUE TO (or as a consequence of):	36 hours
	c. <u>Tricyclic antidepressant overdose</u> DUE TO (or as a consequence of):	36 hours
	d. _____ DUE TO (or as a consequence of):	Years
<p><b>PART II.</b> Enter <u>other significant conditions contributing to death</u> but not resulting in the underlying cause given in Part I</p>		<p><b>MANNER OF DEATH</b></p> <p><input type="checkbox"/> Natural      <input type="checkbox"/> Homicide</p> <p><input type="checkbox"/> Accident      <input type="checkbox"/> Pending Investigation</p> <p><input type="checkbox"/> Suicide      <input checked="" type="checkbox"/> Could not be determined</p>
<p><b>DID TOBACCO USE CONTRIBUTE TO DEATH?</b></p> <p><input type="checkbox"/> Yes      <input type="checkbox"/> No</p> <p><input type="checkbox"/> Probably      <input checked="" type="checkbox"/> Unknown</p>	<p>DESCRIBE HOW INJURY OCCURRED. IF TRANSPORTATION INJURY, STATE THE TYPE(S) OF VEHICLE(S) INVOLVED (Automobile, pickup, motorcycle, ATV, bicycle, etc.)</p> <p>SPECIFY WHICH VEHICLE DECEDENT OCCUPIED, if applicable</p> <p>Ingested lethal dosage of prescription drugs</p>	





