This report summarizes all unintentional illicit drug overdose deaths in British Columbia (accidental and undetermined) that occurred between January 1, 2007, and January 31, 2018, inclusive. It includes confirmed and suspected illicit overdose deaths. *Please note that data is subject to change as investigations are concluded*.

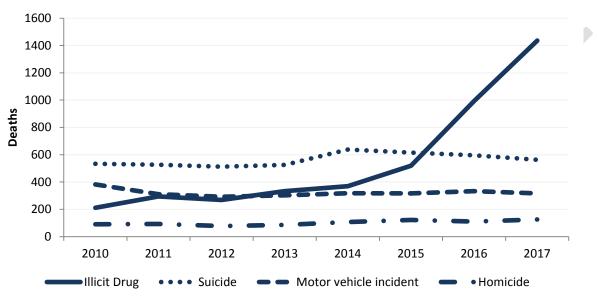
Inclusion Criteria: The illicit drug overdose category includes the following:

- Street drugs (Controlled and illegal drugs: heroin, cocaine, MDMA, methamphetamine, illicit fentanyl etc.).
- Medications not prescribed to the decedent but obtained/purchased on the street, from unknown means or where origin of drug not known.
- Combinations of the above with prescribed medications.

Summary

- There were 125 suspected drug overdose deaths in January 2018. This is a 12% decrease over the number of deaths occurring in January 2017 (142) and a 25% increase over the number of deaths occurring in December 2017 (100).
- The number of illicit drug overdose deaths in January 2018 equates to about 4 deaths per day for the month.
- In January 2018, 50% of those dying were aged 19 to 39; individuals aged 19-59 have accounted 94% of illicit drug overdose deaths. Males accounted for 82% of all suspected illicit drug overdose deaths over the same period.
- The three townships experiencing the highest number of illicit drug overdoses in January 2018 are Vancouver, Surrey, and Victoria.
- Fraser and Vancouver Coastal Health Authority have had the highest *number* of illicit drug overdose deaths (35 and 37 deaths, respectively) in January 2018, making up 58% of all illicit drug overdose deaths during this period.
- Vancouver Coastal Health Authority has the highest *rate* of illicit drug overdose deaths (37 deaths per 100,000 individuals) followed by Interior Health Authority (32 deaths per 100,000 individuals) in 2017. Overall, the rate of illicit drug overdose deaths in BC was 30 deaths per 100,000 individuals in 2017.
- Rates of illicit drug overdose deaths are highest in Vancouver, Okanagan, Fraser East, Central Vancouver Island, and North Vancouver Island Health Services Delivery Areas.
- All health authorities except Northern Health Authority saw an increase in the number of illicit drug overdose deaths in January 2018 compared to December 2017.
- 94% of illicit drug overdose deaths occurred inside (64.8% private residences, 29.6% other inside locations) and 5% occurred outside in vehicles, sidewalks, streets, parks, etc.
- There were no deaths at supervised consumption or drug overdose prevention sites.

• This figure illustrates the comparison of illicit drug overdose deaths to other common causes of unnatural deaths from 2010 to 2017.



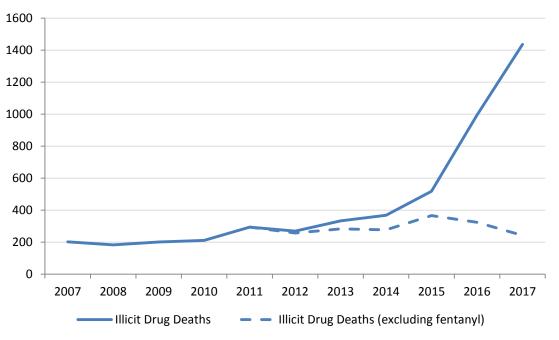
Major Causes of Unnatural Deaths in BC

More fatal overdoses occurred during the days following income assistance payment (Wed-Sun) than all other days in 2017-18. Income assistance payment dates can be found at https://www2.gov.bc.ca/gov/content/family-social-supports/income-assistance/payment-dates.

| Fatal Illicit Drug Overdoses per Day by Income Assistance Payment Week, 2017-18 ^[2] | | | | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Avg |
| Income Assistance Payment Week (Wed-Sun) | 6.8 | 4.0 | 7.6 | 8.6 | 7.0 | 4.8 | 5.6 | 3.6 | 4.6 | 5.6 | 5.0 | 5.2 | 5.7 |
| All other days of the month | 3.8 | 4.3 | 4.4 | 3.7 | 3.4 | 3.5 | 3.6 | 3.0 | 2.8 | 3.1 | 2.9 | 3.8 | 3.5 |
| Total | 4.3 | 4.2 | 5.0 | 4.5 | 4.0 | 3.7 | 3.9 | 3.1 | 3.1 | 3.5 | 3.2 | 4.0 | 4.0 |

Type of Drugs:

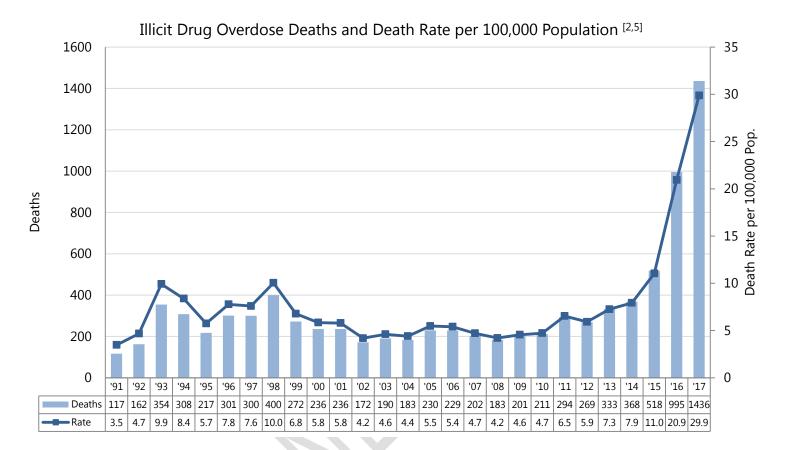
- Preliminary data suggests that the proportion of illicit drug overdose deaths for which illicit fentanyl was detected (alone or in combination with other drugs) was approximately 67% in 2016 and 83% in 2017.
- Illicit fentanyl-detected deaths appear to account for the increase in illicit drug overdose deaths since 2012 as the number of illicit drug overdose deaths excluding fentanyl-detected has remained relatively stable since 2011 (average of 300 deaths per year). *This data is subject to change as further analogue testing results become available.*



Illicit Drug Overdose Deaths including and excluding Fentanyl, 2007-2017

• A review of completed cases from 2016-17 indicates that the top four detected drugs relevant to illicit drug overdose deaths were fentanyl (70%), cocaine (49%), methamphetamine/amphetamine (33%), and heroin (30%).

BC Data and Rates



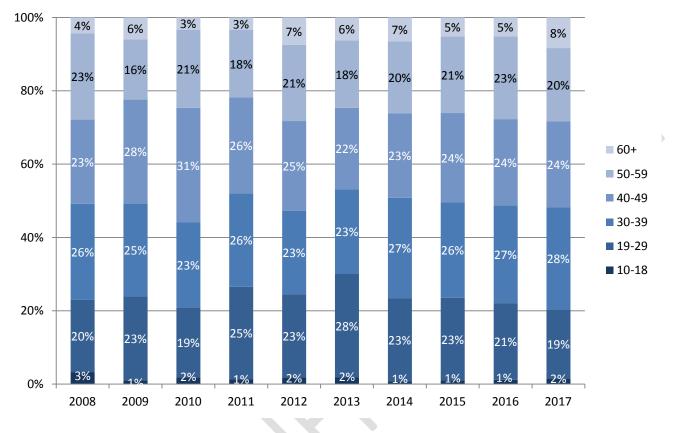
| Illicit Drug (| Overdose | Deaths | by Mor | nth, Brit | ish Colu | ımbia, 2 | 2008-20 | 18 ^[2] | | | |
|----------------|----------|--------|--------|-----------|----------|----------|---------|--------------------------|------|-------|-------|
| Month | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
| Jan | 18 | 23 | 16 | 24 | 20 | 20 | 23 | 42 | 86 | 142 | 125 |
| Subtotal | 18 | 23 | 16 | 24 | 20 | 20 | 23 | 42 | 86 | 142 | 125 |
| Feb | 8 | 15 | 14 | 24 | 17 | 21 | 38 | 31 | 60 | 121 | - |
| Mar | 17 | 10 | 15 | 25 | 25 | 33 | 28 | 31 | 77 | 131 | - |
| Apr | 18 | 8 | 9 | 26 | 31 | 31 | 29 | 34 | 72 | 149 | - |
| May | 18 | 19 | 22 | 22 | 19 | 28 | 40 | 41 | 50 | 140 | - |
| Jun | 18 | 16 | 21 | 22 | 25 | 25 | 29 | 34 | 70 | 121 | - |
| Jul | 24 | 19 | 23 | 33 | 29 | 38 | 25 | 37 | 74 | 116 | - |
| Aug | 16 | 27 | 24 | 22 | 19 | 21 | 37 | 51 | 64 | 122 | - |
| Sep | 12 | 16 | 20 | 22 | 16 | 28 | 31 | 47 | 61 | 92 | - |
| Oct | 10 | 13 | 18 | 23 | 19 | 19 | 35 | 53 | 76 | 97 | - |
| Nov | 9 | 18 | 18 | 27 | 28 | 31 | 28 | 49 | 141 | 105 | - |
| Dec | 15 | 17 | 11 | 24 | 21 | 38 | 25 | 68 | 164 | 100 | - |
| Total | 183 | 201 | 211 | 294 | 269 | 333 | 368 | 518 | 995 | 1,436 | 125 |
| Average | 15.3 | 16.8 | 17.6 | 24.5 | 22.4 | 27.8 | 30.7 | 43.2 | 82.9 | 119.7 | 125.0 |

BC Data by Gender/Age:

| Illicit Dru | ıg Overc | lose De | aths by | Gender, | , 2008-2 | 2018 ^[2] | | | | | |
|-------------|----------|---------|---------|---------|----------|----------------------------|------|------|------|-------|------|
| Gender | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
| Female | 49 | 55 | 49 | 82 | 75 | 79 | 86 | 102 | 199 | 253 | 23 |
| Male | 134 | 146 | 162 | 212 | 194 | 254 | 282 | 416 | 796 | 1,183 | 102 |
| Total | 183 | 201 | 211 | 294 | 269 | 333 | 368 | 518 | 995 | 1,436 | 125 |

| Illicit Drug Overdose Deaths by Age Group, 2008-2018 ^[2] | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|
| Age Group | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
| 10-18 | 6 | 2 | 4 | 4 | 5 | 6 | 3 | 5 | 12 | 23 | 1 |
| 19-29 | 36 | 46 | 40 | 74 | 61 | 94 | 83 | 117 | 208 | 270 | 27 |
| 30-39 | 48 | 51 | 49 | 75 | 61 | 77 | 101 | 135 | 265 | 399 | 36 |
| 40-49 | 42 | 57 | 66 | 77 | 66 | 74 | 85 | 126 | 234 | 338 | 24 |
| 50-59 | 43 | 33 | 45 | 54 | 56 | 61 | 72 | 108 | 225 | 286 | 27 |
| 60-69 | 8 | 12 | 7 | 10 | 19 | 21 | 24 | 26 | 48 | 112 | 10 |
| 70-79 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 3 | 8 | 0 |
| Total | 183 | 201 | 211 | 294 | 269 | 333 | 368 | 518 | 995 | 1436 | 125 |

Note: The age range of decedents of illicit drug overdose between 2007-2017 ranged from 13 to 76 years of age.



Illicit Drug Overdose Deaths by Age Group, 2008-2017

| Age-Specific Illicit Drug Overdose Death Rates per 100,000, 2008-2017 ^[5,7] | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|--|--|
| Age Group | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | | |
| 10-18 | 1.3 | 0.4 | 0.9 | 0.9 | 1.1 | 1.3 | 0.7 | 1.1 | 2.7 | 5.2 | | |
| 19-29 | 5.5 | 6.9 | 5.9 | 10.9 | 8.9 | 13.7 | 11.9 | 16.7 | 29.5 | 37.6 | | |
| 30-39 | 8.2 | 8.6 | 8.3 | 12.6 | 10.1 | 12.6 | 16.2 | 21.4 | 41.3 | 61.0 | | |
| 40-49 | 6.1 | 8.3 | 9.7 | 11.4 | 9.9 | 11.3 | 13.2 | 19.8 | 37.0 | 53.3 | | |
| 50-59 | 6.8 | 5.1 | 6.8 | 8.0 | 8.2 | 8.8 | 10.3 | 15.3 | 32.0 | 40.9 | | |
| 60-69 | 1.8 | 2.6 | 1.5 | 2.0 | 3.7 | 3.9 | 4.3 | 4.5 | 8.0 | 18.4 | | |
| 70-79 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.3 | 0.9 | 2.1 | | |
| Total | 4.2 | 4.6 | 4.7 | 6.5 | 5.9 | 7.3 | 7.9 | 11.0 | 20.9 | 29.9 | | |
| | | | | | | | | | | | | |

| Illicit Drug Overdose Deaths by Top Townships of Injury, 2008-2018* ^[2,4] | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|--|
| Township | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | |
| Vancouver | 38 | 60 | 42 | 69 | 65 | 80 | 101 | 136 | 235 | 365 | 33 | |
| Surrey | 20 | 23 | 33 | 42 | 44 | 36 | 44 | 76 | 122 | 175 | 15 | |
| Victoria | 29 | 13 | 13 | 17 | 17 | 25 | 20 | 22 | 69 | 91 | 14 | |
| Kelowna | 2 | 5 | 9 | 14 | 8 | 12 | 12 | 19 | 47 | 75 | | |
| Nanaimo | 2 | 6 | 4 | 8 | 6 | 20 | 16 | 18 | 29 | 51 | | |
| Abbotsford | 4 | 4 | 10 | 16 | 7 | 10 | 7 | 26 | 38 | 49 | | |
| Burnaby | 12 | 8 | 9 | 10 | 10 | 13 | 11 | 16 | 39 | 41 | | |
| Kamloops | 7 | 7 | 10 | 2 | 5 | 8 | 7 | 7 | 44 | 39 | | |
| Langley | 6 | 2 | 3 | 10 | 5 | 10 | 10 | 10 | 30 | 36 | | |
| Maple Ridge | 2 | 6 | 4 | 4 | 5 | 10 | 14 | 29 | 27 | 33 | | |
| Coquitlam | 2 | 5 | 2 | 3 | 6 | 1 | 10 | 11 | 14 | 29 | | |
| Richmond | 1 | 3 | 4 | 4 | 1 | 3 | 3 | 6 | 14 | 26 | | |
| Chilliwack | 4 | 2 | 2 | 8 | 8 | 6 | 6 | 10 | 12 | 23 | | |
| New Westminster | 4 | 2 | 6 | 6 | 3 | 5 | 9 | 12 | 10 | 23 | | |
| Prince George | 2 | 4 | 1 | 6 | 10 | 7 | 10 | 12 | 19 | 21 | | |
| Other Township | 48 | 51 | 59 | 75 | 69 | 87 | 88 | 108 | 246 | 359 | | |
| Total | 183 | 201 | 211 | 294 | 269 | 333 | 368 | 518 | 995 | 1436 | 125 | |

BC Data by Township of Injury:

*sorted by 2017 totals. For variability in small numbers (cases still under investigation) and in some areas for protection of privacy reasons, only the townships currently reporting over 5 suspected cases are shown in this table. .

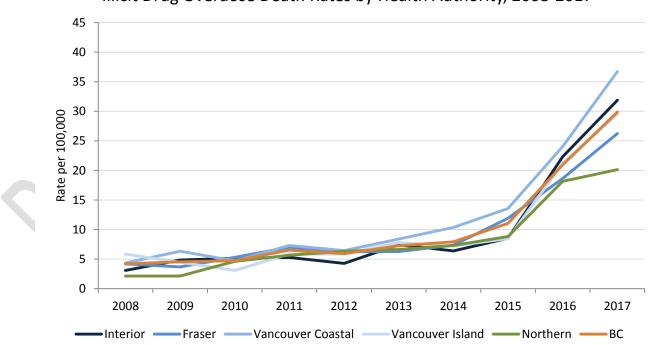
BC Data by Day of Week:

| Illicit Drug Overdose Deaths by Day of Week of Injury, British Columbia, 2008-2018 ^[2,3] | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|-------|------|--|--|
| Day | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | | |
| Monday | 21 | 15 | 29 | 39 | 32 | 33 | 38 | 67 | 103 | 176 | 17 | | |
| Tuesday | 24 | 24 | 26 | 27 | 35 | 42 | 37 | 63 | 119 | 165 | 22 | | |
| Wednesday | 25 | 31 | 30 | 35 | 37 | 36 | 49 | 68 | 134 | 190 | 22 | | |
| Thursday | 25 | 27 | 33 | 51 | 34 | 41 | 60 | 73 | 153 | 205 | 11 | | |
| Friday | 31 | 28 | 33 | 42 | 32 | 57 | 59 | 77 | 138 | 249 | 12 | | |
| Saturday | 34 | 34 | 35 | 53 | 46 | 72 | 72 | 88 | 184 | 231 | 26 | | |
| Sunday | 23 | 42 | 25 | 47 | 53 | 52 | 53 | 82 | 164 | 220 | 15 | | |
| Total | 183 | 201 | 211 | 294 | 269 | 333 | 368 | 518 | 995 | 1,436 | 125 | | |

Health Authority Data:

| Illicit Drug Overdose Deaths by Health Authority, 2008-2018 ^[2,4,6] | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|-------|------|--|
| НА | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | |
| Interior | 22 | 35 | 37 | 38 | 31 | 54 | 47 | 63 | 166 | 239 | 19 | |
| Fraser | 65 | 58 | 86 | 115 | 104 | 106 | 126 | 208 | 332 | 475 | 35 | |
| Vancouver Coastal | 47 | 69 | 52 | 81 | 72 | 95 | 119 | 157 | 281 | 433 | 37 | |
| Vancouver Island | 43 | 33 | 23 | 44 | 44 | 59 | 55 | 65 | 165 | 232 | 29 | |
| Northern | 6 | 6 | 13 | 16 | 18 | 19 | 21 | 25 | 51 | 57 | 5 | |
| BC | 183 | 201 | 211 | 294 | 269 | 333 | 368 | 518 | 995 | 1,436 | 125 | |
| | | | | | | | | | | | | |

| Illicit Drug Overdose Death Rates by Health Authority per 100,000, 2008-2017 ^[4-7] | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|--|--|
| НА | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | | |
| Interior | 3.1 | 4.9 | 5.2 | 5.3 | 4.3 | 7.5 | 6.4 | 8.5 | 22.3 | 31.9 | | |
| Fraser | 4.2 | 3.7 | 5.3 | 7.0 | 6.2 | 6.3 | 7.4 | 11.9 | 18.6 | 26.2 | | |
| Vancouver Coastal | 4.4 | 6.3 | 4.7 | 7.3 | 6.4 | 8.4 | 10.4 | 13.6 | 24.1 | 36.7 | | |
| Vancouver Island | 5.9 | 4.5 | 3.1 | 5.9 | 5.8 | 7.8 | 7.2 | 8.5 | 21.2 | 29.5 | | |
| Northern | 2.1 | 2.1 | 4.6 | 5.7 | 6.3 | 6.6 | 7.3 | 8.8 | 18.2 | 20.1 | | |
| BC | 4.2 | 4.6 | 4.7 | 6.5 | 5.9 | 7.3 | 7.9 | 11.0 | 20.9 | 29.9 | | |



Illicit Drug Overdose Death Rates by Health Authority, 2008-2017

| Illicit Dru | ig Overdo | se Deaths l | by Month | of Death and | l Health Auth | ority and To | ownship, 2017 | -2018 ^[4,6,8] |
|-------------|-----------|-------------|----------|----------------------|---------------------|--------------|---------------|--------------------------|
| | | | | Health Autho | | | Town | |
| Year | Month | Interior | Fraser | Vancouver Coastal | Vancouver Island | Northern | Vancouver | Surrey |
| 2017 | Jan | 18 | 45 | 56 | 20 | 3 | 51 | 13 |
| | Feb | 19 | 36 | 36 | 25 | 5 | 32 | 15 |
| | Mar | 22 | 43 | 36 | 24 | 6 | 27 | 14 |
| | Apr | 18 | 48 | 56 | 21 | 6 | 45 | 12 |
| | May | 26 | 55 | 39 | 13 | 7 | 33 | 21 |
| | Jun | 21 | 36 | 37 | 23 | 4 | 30 | 13 |
| | Jul | 28 | 39 | 29 | 16 | 4 | 24 | 20 |
| | Aug | 28 | 37 | 29 | 20 | 8 | 23 | 18 |
| | Sep | 12 | 33 | 26 | 18 | 3 | 24 | 13 |
| | Oct | 14 | 37 | 23 | 21 | 2 | 18 | 12 |
| | Nov | 18 | 39 | 33 | 12 | 3 | 29 | 15 |
| | Dec | 15 | 27 | 33 | 19 | 6 | 29 | 9 |
| 2018 | Jan | 19 | 35 | 37 | 29 | 5 | 33 | 15 |
| Total | | 258 | 510 | 470 | 261 | 62 | 398 | 190 |
| Average | | 19.8 | 39.2 | 36.2 | 20.1 | 4.8 | 30.6 | 14.6 |

| Illicit Drug Overdose De | Illicit Drug Overdose Deaths by Health Services Delivery Area, 2008-2018 ^[2,4,6] | | | | | | | | | | | | |
|-----------------------------|---|------|------|------|------|------|------|------|------|-------|------|--|--|
| HSDA | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | | |
| East Kootenay | 2 | 1 | 0 | 1 | 2 | 4 | 4 | 2 | 13 | 6 | 0 | | |
| Kootenay Boundary | 0 | 2 | 3 | 4 | 4 | 2 | 3 | 6 | 10 | 19 | 1 | | |
| Okanagan | 9 | 15 | 18 | 28 | 16 | 33 | 27 | 42 | 77 | 151 | 12 | | |
| Thompson Cariboo | 11 | 17 | 16 | 5 | 9 | 15 | 13 | 13 | 66 | 63 | 6 | | |
| Fraser East | 14 | 9 | 22 | 31 | 20 | 20 | 16 | 41 | 66 | 103 | 4 | | |
| Fraser North | 22 | 23 | 26 | 25 | 30 | 35 | 51 | 74 | 102 | 141 | 10 | | |
| Fraser South | 29 | 26 | 38 | 59 | 54 | 51 | 59 | 93 | 164 | 231 | 21 | | |
| Richmond | 1 | 3 | 4 | 4 | 1 | 3 | 3 | 6 | 14 | 26 | 3 | | |
| Vancouver | 38 | 60 | 42 | 69 | 65 | 80 | 101 | 136 | 235 | 365 | 33 | | |
| North Shore/Coast Garibaldi | 8 | 6 | 6 | 8 | 6 | 12 | 15 | 15 | 32 | 42 | 1 | | |
| South Vancouver Island | 31 | 15 | 13 | 17 | 20 | 26 | 23 | 25 | 79 | 103 | 17 | | |
| Central Vancouver Island | 6 | 13 | 6 | 17 | 20 | 24 | 25 | 29 | 58 | 92 | 9 | | |
| North Vancouver Island | 6 | 5 | 4 | 10 | 4 | 9 | 7 | 11 | 28 | 37 | 3 | | |
| Northwest | 2 | 0 | 3 | 1 | 0 | 6 | 2 | 6 | 10 | 8 | 0 | | |
| Northern Interior | 3 | 5 | 7 | 8 | 12 | 8 | 11 | 15 | 24 | 31 | 4 | | |
| Northeast | 1 | 1 | 3 | 7 | 6 | 5 | 8 | 4 | 17 | 18 | 1 | | |
| Total | 183 | 201 | 211 | 294 | 269 | 333 | 368 | 518 | 995 | 1,436 | 125 | | |

| Illicit Drug Overdose Death Ra | Illicit Drug Overdose Death Rates by Health Services Delivery Area per 100,000, 2008-2017 ^[4-7] | | | | | | | | | | | | |
|--------------------------------|--|------|------|------|------|------|------|------|------|------|--|--|--|
| HSDA | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | | | |
| East Kootenay | 2.6 | 1.3 | 0.0 | 1.3 | 2.6 | 5.2 | 5.1 | 2.6 | 16.6 | 7.7 | | | |
| Kootenay Boundary | 0.0 | 2.6 | 3.9 | 5.1 | 5.1 | 2.6 | 3.8 | 7.6 | 12.7 | 24.1 | | | |
| Okanagan | 2.6 | 4.3 | 5.2 | 8.1 | 4.6 | 9.4 | 7.6 | 11.7 | 21.2 | 41.1 | | | |
| Thompson Cariboo | 5.1 | 7.8 | 7.4 | 2.3 | 4.1 | 6.8 | 5.9 | 5.8 | 29.5 | 28.0 | | | |
| Fraser East | 5.1 | 3.2 | 7.8 | 10.9 | 7.0 | 7.0 | 5.5 | 13.8 | 21.9 | 33.8 | | | |
| Fraser North | 3.8 | 3.8 | 4.2 | 4.0 | 4.8 | 5.5 | 7.9 | 11.3 | 15.4 | 20.9 | | | |
| Fraser South | 4.2 | 3.7 | 5.3 | 8.0 | 7.2 | 6.7 | 7.6 | 11.7 | 20.1 | 27.8 | | | |
| Richmond | 0.5 | 1.6 | 2.0 | 2.0 | 0.5 | 1.5 | 1.5 | 2.9 | 6.6 | 12.0 | | | |
| Vancouver | 6.1 | 9.6 | 6.6 | 10.9 | 10.1 | 12.3 | 15.3 | 20.4 | 35.0 | 53.8 | | | |
| North Shore/Coast Garibaldi | 3.0 | 2.2 | 2.2 | 2.9 | 2.2 | 4.3 | 5.3 | 5.3 | 11.3 | 14.7 | | | |
| South Vancouver Island | 8.6 | 4.1 | 3.5 | 4.6 | 5.4 | 7.0 | 6.2 | 6.6 | 20.6 | 26.6 | | | |
| Central Vancouver Island | 2.3 | 5.0 | 2.3 | 6.5 | 7.6 | 9.1 | 9.4 | 10.8 | 21.3 | 33.4 | | | |
| North Vancouver Island | 5.1 | 4.2 | 3.4 | 8.3 | 3.3 | 7.5 | 5.8 | 9.1 | 22.9 | 30.0 | | | |
| Northwest | 2.7 | 0.0 | 4.1 | 1.4 | 0.0 | 8.2 | 2.7 | 8.4 | 14.2 | 11.3 | | | |
| Northern Interior | 2.1 | 3.6 | 5.0 | 5.6 | 8.4 | 5.6 | 7.7 | 10.7 | 17.3 | 22.3 | | | |
| Northeast | 1.5 | 1.5 | 4.5 | 10.4 | 8.6 | 7.1 | 11.2 | 5.6 | 23.5 | 24.6 | | | |
| Total | 4.2 | 4.6 | 4.7 | 6.5 | 5.9 | 7.3 | 7.9 | 11.0 | 20.9 | 29.9 | | | |

BC Data by Place of Injury

| Illicit Drug Overdose Deaths by Place of Injury, BC, 2016-2018 ^[2] | | | |
|---|--|---|--|
| 2016 | 2017 | 2018 | |
| | | | |
| 615 (61.8%) | 852 (59.3%) | 81 (64.8%) | |
| 233 (23.4%) | 352 (24.5%) | 31 (24.8%) | |
| 37 (3.7%) | 56 (3.9%) | 6 (4.8%) | |
| 106 (10.7%) | 165 (11.5%) | 6 (4.8%) | |
| 4 (0.4%) | 11 (0.8%) | 1 (0.8%) | |
| 995 | 1436 | 125 | |
| | 2016 615 (61.8%) 233 (23.4%) 37 (3.7%) 106 (10.7%) 4 (0.4%) | 20162017615 (61.8%)852 (59.3%)233 (23.4%)352 (24.5%)37 (3.7%)56 (3.9%)106 (10.7%)165 (11.5%)4 (0.4%)11 (0.8%) | |

Preliminary circumstances suggest that the majority of fatal illicit drug overdoses in 2017-18 occurred in inside locations (88.3%) while 11.0% occurred outside.

<u>Private Residence</u> – includes driveways garages, trailer homes and either decedent's own or another's residence.

<u>Other Residence</u> - includes hotels, motels, rooming houses, shelters, etc.

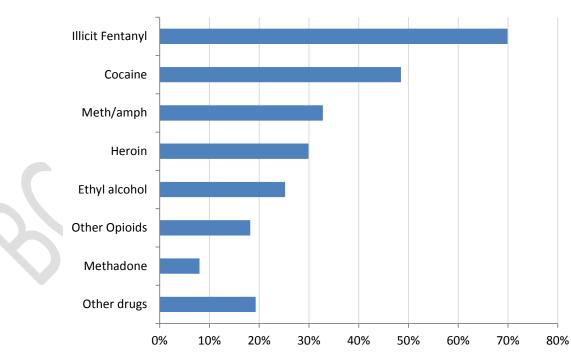
<u>Other Inside</u> – includes facilities, occupational sites, public buildings, and businesses.

<u>Outside</u> – includes vehicles, streets, sidewalks, parking lots, public parks, wooded areas, and campgrounds

BC Data by Relevant Drugs Detected:

| Top Relevant Drugs Detected Among Illicit Drug Overdose Deaths, 2016-17 | | |
|---|------------|--|
| Drug Detected | BC (n=747) | |
| Fentanyl | 69.9% | |
| Cocaine | 48.5% | |
| Meth/amph | 32.8% | |
| Heroin | 29.9% | |
| Ethyl alcohol | 25.2% | |
| Other opioids | 18.2% | |
| Methadone | 8.0% | |
| Other drugs | 19.3% | |

Note: Relevant drugs are drugs noted by the coroner as being relevant to the death (this data is only available for concluded investigations). As deaths could involve multiple drugs, percentages can add up to more than 100%. Meth/amph includes methamphetamine and amphetamine. Other opioids include codeine, oxycodone, morphine, hydromorphine etc but excludes heroin, fentanyl, fentanyl analogues, and methadone. Other drug includes benzodiazepines & Z-drugs, antidepressants, antiepileptics, antipsychotics, MDMA/MDA, cannabinoids, over-the-counter drugs, and other drugs not listed.

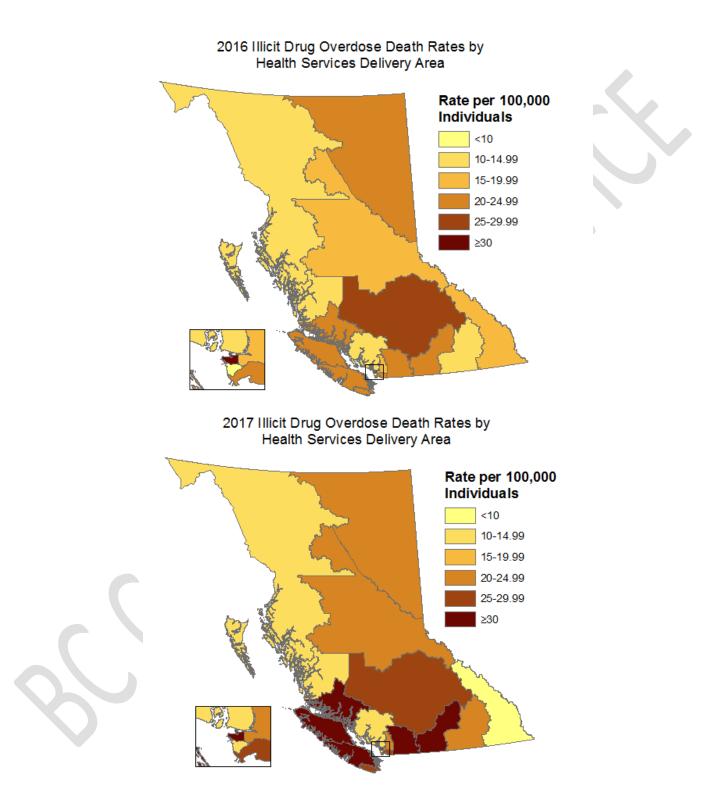


Top Relevant Drugs Detected Among Illicit Drug Overdose Deaths, 2016-2017

Notes:

- 1. The BCCS operates in a live database environment. Some data for more recent years is based on preliminary circumstances and is subject to change as investigations are concluded. Data are not directly comparable to published counts from previous years.
- 2. 2018 data includes January 1, 2018 to January 31, 2018.
- 3. Date of death was used in tables where date of injury was unknown.
- 4. Death township was used in 15 cases of unknown or out of province injury township.
- 5. Population estimates were taken from: <u>http://www.bcstats.gov.bc.ca/StatisticsBySubject/Demography/PopulationEstimates.aspx</u>
- 6. Health Region breakdowns can be found at: <u>http://www2.gov.bc.ca/gov/content/data/geographic-data-services/land-use/administrative-boundaries/health-boundaries</u>
- 7. 2018 population estimates were taken from: <u>http://www2.gov.bc.ca/gov/content/data/statistics/people-population-community/population-projections</u>.
- 8. Due to variability in small numbers for cases still under investigation, and in some areas, for protection of privacy reasons, only the townships currently reporting over 5 suspected cases are shown on p. 7.

Illicit Drug Overdose Death Rate Maps by Health Services Delivery Area



References for health regions can be found at: <u>http://www2.gov.bc.ca/gov/content/data/geographic-data-</u> <u>services/land-use/administrative-boundaries/health-boundaries</u> Posting Date March 6, 2018

Township Name 100 Mile House 108 Mile Ranch 150 Mile House Abbotsford Alert Bay Armstrong Arras Beaslev **Beaver Falls** Blue River **Bowen Island** Bowser **Burnaby Burns Lake** Cache Creek **Campbell River Canal Flats** Castlegar Cawston Cedar **Central Saanich** Charlie Lake Chase Chemainus Chetwynd Chilliwack Christina Lake Clearwater Cobble Hill Coldstream Colwood Comox Coombs Coquitlam **Cortes Island** Courtenay Cowichan Bay Cranbrook **Crescent Valley** Creston Cultus Lake Cumberland

Health Authority Interior Interior Interior Fraser Vancouver Island Interior Northern Interior Interior Interior Vancouver Coastal Vancouver Island Fraser Northern Interior Vancouver Island Interior Interior Interior Vancouver Island Vancouver Island Northern Interior Vancouver Island Northern Fraser Interior Interior Vancouver Island Interior Vancouver Island Vancouver Island Vancouver Island Fraser Vancouver Island Vancouver Island Vancouver Island Interior Interior Interior Fraser Vancouver Island

Health Services Delivery Area Thompson Cariboo Shuswap Thompson Cariboo Shuswap Thompson Cariboo Shuswap Fraser Fast North Vancouver Island Okanagan Northeast Kootenay Boundary **Kootenay Boundary** Thompson Cariboo Shuswap North Shore/Coast Garibaldi Central Vancouver Island Fraser North Northern Interior Thompson Cariboo Shuswap North Vancouver Island East Kootenay Kootenay Boundary Okanagan Central Vancouver Island South Vancouver Island Northeast Thompson Cariboo Shuswap Central Vancouver Island Northeast Fraser East **Kootenay Boundary** Thompson Cariboo Shuswap Central Vancouver Island Okanagan South Vancouver Island North Vancouver Island **Central Vancouver Island** Fraser North North Vancouver Island North Vancouver Island Central Vancouver Island East Kootenay **Kootenay Boundary** East Kootenay Fraser East North Vancouver Island

Township Name Dawson Creek Dease Lake Delta Duncan Edgewood Elkford Enderby Errington Esquimalt **Fairmont Hot Springs** Falkland Fort Nelson Fort St. James Fort St. John Gabriola Island Galiano Island Gibsons Gillies Bay Gold River Golden Grand Forks Harrison Hot Springs Hope Horsefly Houston Invermere Isle Pierre Kamloops Kaslo Kelowna Kent Kimberley Kispiox **Kitamaat Village** Kitimat Kitseguecla (Gitsegukla) Lac La Hache Ladysmith Lake Country, District Of Lake Cowichan Langford Langley Posting Date March 6, 2018 Health Authority Northern Northern Fraser Vancouver Island Interior Interior Interior Vancouver Island Vancouver Island Interior Interior Northern Northern Northern Vancouver Island Vancouver Island Vancouver Coastal Vancouver Coastal Vancouver Island Interior Interior Fraser Fraser Interior Northern Interior Northern Interior Interior Interior Fraser Interior Northern Northern Northern Northern Interior Vancouver Island Interior Vancouver Island Vancouver Island Fraser

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Township Name Lantzville Lee Creek Lillooet Lions Bay Logan Lake Lumby Mabel Lake Mackenzie Madeira Park Malakwa Maple Ridge Mayne Island Merritt Mill Bay Mission Nakusp Nanaimo Nanoose Bay Nelson New Denver New Hazelton New Westminster North Cowichan North Vancouver Oak Bay **Okanagan Falls** Olalla Oliver Osoyoos Parksville Peachland Pemberton Pender Island Penticton **Pink Mountain** Pitt Meadows Port Alberni Port Alice Port Coquitlam Port Hardy Port Mcneill Port Moody

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Township Name Powell River Prince George Prince Rupert Princeton **Prophet River** Quadra Island **Qualicum Beach** Queen Charlotte City Quesnel **Radium Hot Springs** Revelstoke Richmond **Roberts Creek Rock Creek** Saanich Salmo Salmon Arm Salt Spring Island Sayward Sechelt Seton Portage Shawnigan Lake Sicamous Smithers Sointula Sooke South Slocan South Wellington Sparwood Squamish Sullivan Bay Summerland Surrey Terrace Trail **Tumbler Ridge** Ucluelet Vancouver Vanderhoof Vernon Victoria West Kelowna

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Township Name West Vancouver Whisky Creek Whistler White Rock Williams Lake Winlaw Wonowon Yale Ymir Youbou Zeballos Health Authority Vancouver Coastal Vancouver Island Vancouver Coastal Fraser Interior Interior Northern Fraser Interior Vancouver Island Vancouver Island

Health Services Delivery Area North Shore/Coast Garibaldi Central Vancouver Island North Shore/Coast Garibaldi Fraser South Thompson Cariboo Shuswap Kootenay Boundary Northeast Fraser East Kootenay Boundary Central Vancouver Island North Vancouver Island