

Apparent Opioid and Stimulant Toxicity Deaths

Surveillance of Opioid- and
Stimulant-Related Harms in Canada



January 2016 to December 2021



Public Health
Agency of Canada

Agence de la santé
publique du Canada

Canada

**TO PROMOTE AND PROTECT THE HEALTH OF CANADIANS THROUGH LEADERSHIP,
PARTNERSHIP, INNOVATION AND ACTION IN PUBLIC HEALTH.**

—Public Health Agency of Canada

Prepared by the Substance-related Overdose and Mortality Surveillance Task Group (SOMS-TG)
of the Special Advisory Committee on the Epidemic of Opioid Overdoses (SAC)

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*Décès apparemment liés à une intoxication aux opioïdes et aux stimulants
Surveillance des méfaits associés aux opioïdes et aux stimulants au Canada
Janvier 2016 à décembre 2021*

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Key Findings

Context

There is evidence the COVID-19 pandemic is contributing to the already deadly and ongoing national public health overdose crisis. This crisis is having a tragic impact on people who use substances, their families, and communities across Canada. People who use substances, such as opioids, cocaine, and methamphetamine, are experiencing a number of increased risks, with several jurisdictions reporting higher rates of fatal overdoses and other harms.

These updates include available data on overdoses and deaths involving opioids and/or stimulants from January 2016 to December 2021, where available. Recognizing that harms related to opioids, stimulants, and other substances extend beyond overdoses (poisonings) and deaths, we continue to work with federal, provincial and territorial partners to build a broad understanding of harms and substances involved to better respond to this public health crisis. [Additional studies](#) can also help us plan and tailor actions to achieve better possible outcomes. Dr. Theresa Tam, Canada's Chief Public Health Officer, and Dr. Jennifer Russell, the Chief Medical Officer of Health of New Brunswick, share their perspectives on these data, the overdose crisis and actions needed to prevent further substance-related harms in Canada in this [joint statement](#).

What: There was a total of 29,052 apparent opioid toxicity deaths between January 2016 and December 2021^{1,2}

- During the first year of the pandemic, there was a 96% increase in apparent opioid toxicity deaths (April 2020 – March 2021, 7,362 deaths), compared to the year before (April 2019 – March 2020, 3,747 deaths). Since then, deaths have remained high.
- A total of 7,560 apparent opioid toxicity deaths occurred in 2021 (January – December). This is approximately 21 deaths per day. In the years prior to the pandemic, there were between 8 (in 2016) and 12 (in 2018) deaths per day.
- A number of factors may have contributed to a worsening of the overdose crisis over the course of the pandemic, including the increasingly toxic drug supply, increased feelings of isolation, stress and anxiety, and changes in the availability or accessibility of services for people who use drugs.

¹ Manitoba data from January to December 2021 were not available at the time of this update.

² National overall count from January 2016 to December 2021 includes deaths from British Columbia (2018 to 2021) and Quebec (2020 to 2021) related to all illicit drugs including, but not limited to opioids.



Where: A majority of deaths occurred in British Columbia, Alberta, and Ontario; increases observed in other regions

- Several jurisdictions have observed record-breaking numbers and rates in relation to the wider impacts of the COVID-19 pandemic.
- In 2021 (January – December), 88% of all accidental apparent opioid toxicity deaths occurred in British Columbia, Alberta, or Ontario.
- Elevated rates have also been observed in other areas, including Yukon and Saskatchewan.

Who: Most apparent opioid toxicity deaths among young- to middle-aged males

- Males accounted for the majority of accidental apparent opioid toxicity deaths (74%) so far in 2021 (January – December).
- For males and for females, the majority of accidental apparent opioid toxicity deaths were among individuals aged 20 to 59 years.

Why: Toxicity of supply continues to be a major driver of the crisis

- Of all accidental apparent opioid toxicity deaths in 2021 (January – December), 86% involved fentanyl.
- Of all accidental apparent opioid toxicity deaths in 2021 (January – December), 81% involved opioids that were only non-pharmaceutical.^{3,4}

³ Based on 2021 data on origin of opioids from deaths with completed investigations from eight provinces.

⁴ Opioids with a pharmaceutical origin refer to opioids that were manufactured by a pharmaceutical company and approved for medical purposes in humans. Pharmaceutical origin does not indicate how the opioids were obtained (e.g. through personal prescription or by other means).



Data on the polysubstance nature of the overdose crisis

- Available information from six provinces and territories indicates the number of apparent stimulant toxicity deaths in 2021 (January – December) was high. Almost all (98%) of those deaths were accidental.
- More than half (59%) of accidental apparent opioid toxicity deaths in 2021 (January – December) also involved a stimulant, reflecting the polysubstance nature of this crisis.
- Of the accidental apparent stimulant toxicity deaths in 2021 (January – December), 62% involved cocaine, while 55% involved methamphetamines.
- Of the accidental apparent stimulant toxicity deaths in 2021 (January – December), 86% involved an opioid.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



This update is based on data submitted to the Public Health Agency of Canada on or before May 10, 2022. Due to differences in identifying and reporting cases, comparisons over time and between provinces and territories should be interpreted with caution. Refer to the [Technical Notes](#) for more information.



Technical Notes

Definitions

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Apparent stimulant toxicity death (ASTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is a stimulant, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Ongoing investigation: Coroners and medical examiners continue to collect information on how and why the death occurred. Data for ongoing investigations are considered preliminary and subject to change.

Completed investigation: Coroners and medical examiners have collected all available information on how and why a death occurred. The time required to complete an investigation and related administrative processes is case-dependent and can range from approximately three to twenty-four months.

Manner of death – Accident: Deaths with completed investigations where the coroner or medical examiner determined that the death was unintentional. This category also includes deaths with ongoing investigations where the manner of death was believed to be unintentional or had not been assigned at the time of reporting.

Manner of death – Suicide: Deaths with completed investigations where the coroner or medical examiner determined that the opioids were consumed with the intent to die. This category also includes deaths with ongoing investigations where suicide was believed to be the manner of death at the time of reporting.

Manner of death – Undetermined: Deaths with completed investigations where a specific manner of death (e.g. accident, suicide) could not be assigned based on available or competing information. For this manner of death category, provinces and territories report only completed investigations with the exception of British Columbia which also includes data from ongoing investigations.

Opioid origin – Pharmaceutical: Deaths with completed investigations where all opioids that directly contributed to death were manufactured by a pharmaceutical company and approved for medical purposes in humans. Pharmaceutical origin does not indicate how the opioids were obtained (e.g. through personal prescription or by other means).



Opioid origin – Non-pharmaceutical: Deaths with completed investigations where all opioids that directly contributed to the death were not manufactured by a pharmaceutical company or not approved for medical purposes in humans.

Opioid origin – Both pharmaceutical and non-pharmaceutical: Deaths with completed investigations where the opioids that directly contributed to the death were a combination of pharmaceutical and non-pharmaceutical opioids, without any opioids of undetermined origin.

Opioid origin – Undetermined: Deaths with completed investigations where, for one or more opioids that directly contributed to the death, it was not possible to determine whether the opioid was pharmaceutical or non-pharmaceutical.



How apparent opioid and stimulant toxicity deaths are counted

Counts or record-level information are provided by the provinces and territories that collect data from their respective offices of Chief Coroners or Chief Medical Examiners. Crude and age-adjusted rates are calculated using the most current population data from Statistics Canada. Age-adjusted rates used the 2016 Canadian population as a reference and direct standardization was applied.

Crude rates: summarize the situation within a region at a certain time period and have not been adjusted for existing differences by provincial and territorial age distributions (e.g. (number of deaths / population) x 100,000).

Age-adjusted rates: have been adjusted for existing differences by provincial and territorial age distributions using the 2016 Canadian population as a reference. These rates assume that all regions have the same age distributions and are useful when comparing between regions and over time.

The data provided by the provinces and territories can include deaths:

- with completed or ongoing investigations
- where manner of death is classified as accident, suicide, or undetermined

These data **do not** include deaths due to:

- the medical consequences of long-term substance use or overuse (for example, alcoholic cirrhosis)
- medical assistance in dying
- trauma where use of the substance(s) contributed to the circumstances of the injury that lead to the death, but was not directly involved in the death
- homicide

However, some provincial and territorial differences remain in the type of data reported and in the time periods for which data are available (refer to [Table A](#)).



Limitations of the data on apparent opioid and/or stimulant toxicity deaths

Data presented in this update should be interpreted with caution.

- This update is based on data submitted to the Public Health Agency of Canada on or before May 10, 2022. New or revised data reported after this date will be reflected in future updates.
- Data released by provinces and territories may differ due to the availability of updated data, differences in the type of data reported (e.g. manners of death), the use of alternate age groupings, differences in time periods presented and/or population estimates used for calculations, etc.
- As some data are based on ongoing investigations by coroners and medical examiners, they are considered preliminary and subject to change. The time required to complete an investigation and related administrative processes is case-dependent and can range from approximately three to twenty-four months.
- This update is based on data that do not specify how the opioids or stimulant were obtained (e.g. illegally or through personal prescription); the level of toxicity may differ depending on the opioid or stimulant (substance(s) involved, concentration, and dosage).
- Provincial and territorial differences in the death investigation process, death classification method, toxicology testing, and the manners of death reported may impact the interpretation and comparability of the data presented in this update over time and between provinces and territories.
- Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.
- National rates of apparent opioid toxicity deaths for 2021 exclude Manitoba.
- Quarterly totals for Canada may not equal the annual totals due to suppressed data for some provinces and territories with low number of deaths.
- Data on apparent stimulant toxicity deaths were only available from five to seven provinces and territories depending on the year. Therefore, national numbers and rates are not provided in this update. Refer to [Table A](#) for more details.



Notes on provincial and territorial data

Due to differences in identifying and reporting cases, comparisons over time and between provinces and territories should be interpreted with caution.

General notes

1. Data reported by some provinces and territories do not include all manners of death (accident, suicide, undetermined) or stages of investigation (ongoing, completed); refer to [Table A](#) for more details.
2. Data presented will be updated quarterly, based on results of completed investigations.
3. Rates for provinces and territories with relatively smaller populations may change substantially with even slight changes in the number of deaths.
4. British Columbia data for 2016 and 2017 include deaths with completed investigations only. Overall numbers for British Columbia from 2018 to 2021 include deaths with ongoing investigations related to all illicit drugs, including but not limited to opioids and stimulants, used alone or in combination with prescribed/diverted medication. However, stratified data (e.g. by sex, age group, etc.) are based only on opioid toxicity deaths for which investigations are completed.
5. Quebec data from 2016 to 2019 include deaths with completed investigations only; death investigations were underway for 3% in 2019. Available 2020 and 2021 data from Quebec include unintentional deaths with ongoing investigations related to all illicit drugs including, but not limited to, opioids and stimulants. Preliminary data for drug-related poisonings, for which toxicology information was available, indicate that 50% of deaths between January 2020 and December 2021 involved an opioid.
6. Data from Yukon include deaths with completed investigations only. In 2018, one apparent opioid toxicity death occurred in a different province following an overdose in Yukon. This death is included in the data from the jurisdiction where the death occurred and is not reported in the data from Yukon.
7. Data from Prince Edward Island include accidental deaths with completed investigations only. Only annual totals were available for 2016 data from Prince Edward Island; quarterly data for 2016 were not available at the time of this update.
8. In Ontario, apparent opioid toxicity death data were captured using an enhanced data collection tool by the Office of the Chief Coroner as of May 1, 2017. Prior to this time period, retrospective case information was collected using a different tool.
9. For Newfoundland and Labrador, data on apparent opioid toxicity deaths between January 2016 and December 2019 were based on the detection of opioids as indicated on the toxicological report. As of 2020, data include deaths where opioids directly contributed to the death.
10. Data from Nunavut were not included in national counts or percentages.
11. Manitoba data from January to December 2021 were not available at the time of this update.



Manner of death

12. Manner of death is assigned by the coroner or medical examiner during, or following an investigation. The data in this update include accidental, suicide and undetermined deaths.
13. Suicide data were unavailable from Alberta (2018 to 2021), Prince Edward Island and Nunavut.

Sex and age group

14. For most provinces and territories, data on the sex of the individual was based on biological characteristics or legal documentation.
15. Data on deaths where sex was categorized as “Other” were excluded from analyses by sex, but were included in overall analyses.
16. Due to rounding, percentages may not add to 100%.
17. For Ontario, from January 2016 to April 2017, sex reflected the sex assigned at birth or biological characteristics at the time of death. From May 2017 to December 2017, sex reflected the perceived or projected identity of the individual. As of January 2018, sex reflects the sex assigned at birth or biological characteristics at the time of death.
18. Alberta uses data on the sex of the individual based on the medical examiner’s assessment, which is largely based on biological characteristics. In a small subset of cases where the individual was known to identify with a gender different than their biological sex, the medical examiner may indicate their identified gender.
19. Data on deaths where age group was categorized as “Unknown” were excluded from analyses by age group, but were included in overall analyses.

Fentanyl, fentanyl analogues, and non-fentanyl opioids

20. Refer to [Table B](#) below for details on opioids.
21. Prior to 2018, the percentage of deaths involving fentanyl and/or fentanyl analogues represented a single category. For data reported for 2018 to 2021, some provinces and territories did not report fentanyl analogue information or required additional information to differentiate fentanyl from fentanyl analogues until investigations are completed. Therefore, deaths involving fentanyl analogues may be included in the fentanyl percentages for some jurisdictions.
22. The sum of percentages by type of opioid may not add up to 100% because a death may involve more than one type of opioids.
23. Observed trends of accidental apparent opioid toxicity deaths involving fentanyl or fentanyl analogues should be interpreted with caution until additional data become available. In addition, changes to testing practices during the reporting period may affect observed trends.
24. Given provincial and territorial differences in death classification methods, the term “involving” includes deaths where the substance was either detected and/or directly contributed to the death. Substances can be detected through toxicology testing and may or may not have directly contributed to the death. Direct contribution to the death is based on investigation by coroner or medical examiner.



25. Available 2020 and 2021 data from Quebec on deaths related to drugs where toxicology information was available and fentanyl (or fentanyl analogues) was detected were used to approximate apparent opioid toxicity deaths involving fentanyl (or fentanyl analogues), among deaths where opioids were detected.
26. For Alberta and Ontario, only data on deaths with completed investigations, where relevant toxicology information was available, were included in percentages for fentanyl or fentanyl analogues.

Origin of opioid(s)

27. The origin of opioid(s) refers to whether the opioids that directly contributed to the death were pharmaceutical, non-pharmaceutical, both or undetermined.
28. Data on origin were only available for deaths with completed investigations from 2018 onward from between seven and eight provinces and territories, depending on the year. Completed investigations represented 77% of apparent opioid toxicity death investigations from these provinces and territories over that period; refer to [Table A](#) for more details.
29. Summary data and trends based on origin of opioid(s) should be interpreted with caution until additional data become available.
30. Origin categorization is based on toxicology results and scene evidence and does not indicate how the substances were prepared, their appearance, or how they were 'advertised'; nor should it be used to infer the timing or mode of consumption.
31. Pharmaceutical opioids also include those approved for use in humans in other countries, but not necessarily in Canada.
32. For the purposes of origin categorization, deaths involving fentanyl are categorized as "suspected non-pharmaceutical" when there is: 1) no evidence of a patch, vial, or other pharmaceutical formulation at the scene, or 2) no/unknown evidence of a prescription. These deaths are grouped with deaths involving non-pharmaceutical opioids.
33. Origin categorization represents the best estimate based on the information available and should be interpreted with caution.
34. Origin refers only to the opioid(s) involved in death and should not be used as an indication of prior use of opioids of the same or other origin.
35. British Columbia only reports opioid toxicity deaths involving any illicit opioids, resulting in a high proportion of non-pharmaceutical opioids. For that reason, data on origin of opioid from British Columbia were not included in the national proportions.



Cocaine, methamphetamine and other stimulants

36. Refer to [Table B](#) below for details on stimulants.
37. Amphetamine is a known metabolite of methamphetamine but can also be consumed separately and directly contribute to a toxicity death. Deaths where amphetamine (without methamphetamine) directly contributed to the death are reported under ‘other stimulants’. In situations where both methamphetamine and amphetamine were consumed separately, and both directly contributed to death, the death is reported under both methamphetamine and ‘other stimulants’.
38. Data on apparent stimulant toxicity deaths were available from between five and seven provinces and territories, depending on the year from 2018 to 2021.
39. The sum of percentages by type of stimulant may not add up to 100% because a death may involve more than one type of stimulant.
40. For Ontario, only data on deaths with completed investigations, where relevant toxicology information was available, were included in percentages for cocaine, methamphetamine and other stimulants.
41. Data from Quebec on “other stimulants” include deaths involving methamphetamine.
42. For Alberta, only apparent opioid toxicity deaths with completed investigations are used in the numerator for percentage of deaths involving stimulants. As a result, these values may change when more investigations are completed.

Other psychoactive substances

43. Refer to [Table B](#) below for details on other psychoactive substances.
44. National-level percentages of accidental apparent opioid toxicity deaths involving other non-opioid substances do not include data from Nunavut as these data were not available.
45. For Alberta, only data on deaths with completed investigations and specific substances causing death listed on the death certificate were included in percentages of accidental apparent opioid toxicity deaths involving other non-opioid substances.
46. For Ontario, only data on deaths with completed investigations, where relevant toxicology information was available, were included in percentages of accidental apparent opioid toxicity deaths involving other non-opioid substances. Data for non-opioid substances from Ontario between January 2016 and April 2017 were based on their detection and do not include alcohol; as of May 1, 2017, data on non-opioid substances are based on their direct effects and include alcohol.



Data suppression

The suppression of data in this update is based on the preferences of individual provinces or territories to address concerns around releasing small numbers for their jurisdiction.

- Quebec suppressed counts less than five for deaths with ongoing investigations (2020 to 2021).
- Nova Scotia suppressed all counts for age group 0 to 19 years when stratified by sex.
- Prince Edward Island suppressed counts between one and four for quarterly data, and for any data related to sex or age distribution.
- Newfoundland and Labrador suppressed counts between one and four for quarterly data, and data related to substances involved and sex or age distribution.
- Yukon suppressed counts between one and four for data related to sex or age distribution.
- Nunavut suppressed all counts less than five.

In addition, suppression was applied in some instances where all data for a province or territory fell in a single category of a given table or figure.



Table A. Reporting periods, manners of death, and availability of opioid and stimulant data included in this update by province or territory

		BC	AB	SK	MB	ON	QC	NB	NS	PE	NL	YT	NT	NU
Available data on apparent toxicity deaths involving opioids as of May 10, 2022														
2016-17	January to December	✓ (C)	✓	✓ (C)	✓	✓	✓ (C)	✓	✓	✓ (C)	✓ (C)	✓ (C)	✓	✓
2018	January to December	✓	✓	✓ (C)	✓	✓	✓ (C)	✓	✓	✓ (C)	✓ (C)	✓ (C)	✓	✓
2019	January to December	✓	✓	✓ (C)	✓	✓	✓ (C)	✓	✓	✓ (C)	✓ (C)	✓ (C)	✓	✓
2020	January to December	✓	✓	✓ (C)	✓	✓	✓	✓	✓	✓ (C)	✓ (C)	✓ (C)	✓	✓
2021	January to December	✓	✓	✓ (C)	n/a	✓	✓	✓	✓	✓ (C)	✓ (C)	✓ (C)	✓	✓
Available data on apparent toxicity deaths involving stimulants as of May 10, 2022														
2018	January to December	✓ (C)	n/a	✓ (C)	n/a	✓	✓ (C)	n/a	✓	n/a	n/a	n/a	n/a	n/a
2019	January to December	✓ (C)	n/a	✓ (C)	✓	✓	✓ (C)	n/a	✓	n/a	n/a	n/a	n/a	n/a
2020	January to December	✓ (C)	n/a	✓ (C)	✓	✓	n/a	n/a	✓	n/a	✓ (C)	n/a	✓	n/a
2021	January to December	✓ (C)	n/a	✓ (C)	n/a	✓	n/a	n/a	✓	n/a	✓ (C)	n/a	✓	n/a
Classification of deaths included in the reported data														
Accident	Completed investigations	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Ongoing investigations where manner of death was believed to be unintentional	✓	-	n/a	✓	-	✓	✓	✓	n/a	n/a	n/a	✓	n/a
	Ongoing investigations where manner of death had not been assigned at the time of reporting	-	✓	n/a	✓	✓	n/a	✓	✓	n/a	-	-	✓	n/a
Suicide	Completed investigations	✓	✓ (INC)	✓	✓	✓	✓	✓	✓	n/a	✓	✓	✓	✓
	Ongoing investigations where the manner of death was believed to be suicide	✓	n/a	n/a	✓	-	n/a	✓	✓	n/a	n/a	n/a	✓	n/a
Deaths with completed investigations and an undetermined manner of death		✓	✓	✓	✓	✓	✓	✓	✓	n/a	✓	✓	✓	✓
Available data on origin of the opioid(s)														
2018-20	January to December	✓	✓	✓	✓	✓	n/a	✓	✓	n/a	✓	n/a	n/a	n/a
2021	January to December	✓	✓	✓	n/a	✓	n/a	✓	✓	✓	✓	n/a	n/a	n/a

- ✓ These data have been reported by the province or territory and are reflected in this update, unless otherwise specified
- (C) Data includes deaths with completed investigations only
- (INC) Data was not available for the entire period
- The classification is not used in the province or territory
- n/a Data were not available at the time of this publication



Table B. Types of opioids and stimulants

Category	Includes (but are not limited to):	
Fentanyl and fentanyl analogues	<ul style="list-style-type: none">• 3-methylfentanyl• acetylfentanyl• acrylfentanyl• butyrylfentanyl• carfentanil• crotonyl fentanyl• cyclopropyl fentanyl	<ul style="list-style-type: none">• despropionyl-fentanyl• fentanyl• fluoroisobutyrylfentanyl (FIBF)• furanylfentanyl• methoxyacetylfentanyl• norfentanyl
Non-fentanyl opioids	<ul style="list-style-type: none">• 2-methyl AP-237• AH-7921• AP-237• buprenorphine• buprenorphine metabolites• codeine• desomorphine• dihydrocodeine• etodesnitazene• heroin• hydrocodone• hydromorphone• isopropyl-U-47700• isotonitazene• loperamide	<ul style="list-style-type: none">• meperidine• methadone• metonitazene• mitragynine• monoacetylmorphine• morphine• MT-45• normeperidine• oxycodone• tapentadol• tramadol• U-47700• U-49900• U-50488
Stimulants	<ul style="list-style-type: none">• amphetamine• atomoxetine• catha• cocaine• dexamfetamine• ethylphenidate• lisdexamfetamine• MDA• MDMA	<ul style="list-style-type: none">• mephedrone• methamphetamine• methylphenidate• modafinil• pemoline• phentermine• pseudoephedrine• TFMPP
Other psychoactive substances	<ul style="list-style-type: none">• Alcohol• Benzodiazepines• Gabapentinoids• Ketamine• LSD	<ul style="list-style-type: none">• PCP• Psilocin• W-18• Z-drugs



Appendix

Table 1a. Number and rate (per 100,000 population) of total apparent opioid toxicity deaths by province or territory, 2016 to 2021

Province or territory	2016			2017			2018		
	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population
BC	806	16.6	16.5	1,293	26.2	26.1	1,581	31.6	31.4
AB	602	14.3	13.8	744	17.5	17.0	805	18.7	18.3
SK	83	7.3	7.5	85	7.4	7.6	126	10.8	11.4
MB	88	6.7	6.8	106	7.9	8.1	93	6.9	7.0
ON	867	6.2	6.3	1,265	9.0	9.0	1,479	10.3	10.4
QC	261	3.2	3.2	280	3.4	3.4	211	2.5	2.5
NB	34	4.5	4.4	38	5.0	5.1	30	3.9	3.9
NS	53	5.6	5.7	64	6.7	6.9	54	5.6	5.8
PE	5	3.4	3.2	5	3.3	3.6	8	5.2	5.4
NL	18	3.4	3.6	33	6.2	6.5	12	2.3	2.3
YT	7	18.2	17.5	7	17.7	16.6	5	12.3	12.4
NT	5	11.2	12.2	1	2.2	1.9	2	4.4	3.8
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	2,829	7.8	7.8	3,921	10.7	10.8	4,406	11.9	12.0



Province or territory	2019			2020			2021		
	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population
BC	1,012	19.9	19.8	1,787	34.6	34.6	2,262	43.4	43.3
AB	626	14.3	14.1	1,182	26.7	26.6	1,618	36.4	36.0
SK	117	10.0	10.6	267	22.6	23.7	282	23.9	25.6
MB	62	4.5	4.6	260	18.8	19.2	n/a	n/a	n/a
ON	1,558	10.7	10.8	2,459	16.7	16.8	2,816	19.0	19.1
QC	203	2.4	2.4	547	6.4	6.5	450	5.2	5.3
NB	35	4.5	4.6	45	5.7	5.9	32	4.1	4.1
NS	57	5.9	5.9	50	5.1	5.3	40	4.0	4.2
PE	5	3.2	3.3	8	5.0	4.9	9	5.5	6.2
NL	18	3.4	3.5	24	4.6	4.9	25	4.8	5.2
YT	4	9.7	10.0	6	14.2	14.2	23	53.5	49.9
NT	1	2.2	2.1	3	6.6	5.7	3	6.6	5.9
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	3,698	9.8	9.9	6,638	17.5	17.7	7,560	20.5	20.8

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Includes deaths related to all illicit drugs including, but not limited to, opioids and stimulants.

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.

Table 1b. Number and rate (per 100,000 population) of total apparent stimulant toxicity deaths by province or territory, 2018 to 2021

Province or territory	2018			2019			2020			2021		
	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population
BC	1,046	20.9	20.8	422	8.3	8.3	718	13.9	14.0	278	5.3	5.3
SK	84	7.2	7.5	95	8.1	8.3	184	15.6	16.2	230	19.5	20.6
MB	n/a	n/a	n/a	81	5.9	6.0	249	18.0	18.4	n/a	n/a	n/a
ON	919	6.4	6.5	1,026	7.1	7.1	1,722	11.7	11.8	1,951	13.2	13.3
QC	162	1.9	2.0	139	1.6	1.7	n/a	n/a	n/a	n/a	n/a	n/a
NS	25	2.6	2.8	29	3.0	3.1	35	3.6	3.7	34	3.4	3.6
NL	n/a	n/a	n/a	n/a	n/a	n/a	10	1.9	2.2	16	3.1	3.3
NT	n/a	n/a	n/a	n/a	n/a	n/a	1	2.2	1.9	1	2.2	2.1

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Note(s):

Apparent stimulant toxicity death (ASTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is a stimulant, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 2a. Number and rate (per 100,000 population) of accidental apparent opioid toxicity deaths by province or territory, 2016 to 2021

Province or territory	2016			2017			2018		
	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population
BC	790	16.3	16.1	1,271	25.8	25.6	1,553	31.0	30.9
AB	547	13.0	12.4	683	16.1	15.5	799	18.6	18.2
SK	76	6.7	6.9	74	6.4	6.6	114	9.8	10.3
MB	61	4.6	4.7	87	6.5	6.6	78	5.8	5.8
ON	726	5.2	5.2	1,127	8.0	8.0	1,319	9.2	9.3
QC	176	2.1	2.1	185	2.2	2.2	149	1.8	1.8
NB	27	3.5	3.6	32	4.2	4.4	23	3.0	3.0
NS	40	4.2	4.4	58	6.1	6.3	49	5.1	5.3
PE	5	3.4	3.2	5	3.3	3.6	8	5.2	5.4
NL	13	2.5	2.6	23	4.4	4.7	10	1.9	1.9
YT	5	13.0	11.8	6	15.1	13.4	4	9.9	9.5
NT	4	9.0	10.3	1	2.2	1.9	2	4.4	3.8
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	2,470	6.8	6.8	3,552	9.7	9.8	4,108	11.1	11.2

Province or territory	2019			2020			2021		
	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population
BC	961	18.9	18.8	1,736	33.7	33.6	2,146	41.2	41.0
AB	619	14.2	13.9	1,164	26.3	26.1	1,610	36.2	35.8
SK	109	9.3	9.9	253	21.5	22.4	272	23.1	24.6
MB	54	3.9	4.0	249	18.0	18.5	n/a	n/a	n/a
ON	1,432	9.8	9.9	2,327	15.8	15.9	2,703	18.2	18.4
QC	154	1.8	1.8	547	6.4	6.5	450	5.2	5.3
NB	27	3.5	3.5	38	4.9	4.9	28	3.5	3.7
NS	45	4.6	4.8	42	4.3	4.5	36	3.6	3.8
PE	5	3.2	3.3	8	5.0	4.9	9	5.5	6.2
NL	13	2.5	2.5	18	3.5	3.8	22	4.2	4.6
YT	4	9.7	10.0	6	14.2	14.2	23	53.5	49.9
NT	0	0.0	0.0	3	6.6	5.7	3	6.6	5.9
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	3,423	9.1	9.2	6,391	16.8	17.0	7,302	19.8	20.1

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Includes deaths related to all illicit drugs including, but not limited to, opioids and stimulants.

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 2b. Number and rate (per 100,000 population) of accidental apparent stimulant toxicity deaths by province or territory, 2018 to 2021

Province or territory	2018			2019			2020			2021		
	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population	Number	Crude rate per 100,000 population	Age-adjusted rate per 100,000 population
BC	1,034	20.6	20.5	406	8.0	7.9	709	13.7	13.8	277	5.3	5.3
SK	77	6.6	6.8	93	7.9	8.2	181	15.3	16.0	221	18.7	19.8
MB	n/a	n/a	n/a	73	5.3	5.4	241	17.5	17.8	n/a	n/a	n/a
ON	888	6.2	6.3	991	6.8	6.9	1,681	11.4	11.5	1,909	12.9	13.0
QC	144	1.7	1.7	131	1.5	1.6	n/a	n/a	n/a	n/a	n/a	n/a
NS	23	2.4	2.5	27	2.8	2.8	32	3.3	3.4	32	3.2	3.3
NL	n/a	n/a	n/a	n/a	n/a	n/a	10	1.9	2.2	15	2.9	3.1
NT	n/a	n/a	n/a	n/a	n/a	n/a	1	2.2	1.9	1	2.2	2.1

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Note(s):

Apparent stimulant toxicity death (ASTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is a stimulant, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 3a. Summary of apparent opioid toxicity deaths by manner of death, 2016 to 2021

Manner of death	2016		2017		2018		2019		2020		2021	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Total	2,829	100%	3,921	100%	4,406	100%	3,698	100%	6,638	100%	7,560	100%
Accidental	2,470	87%	3,552	91%	4,108	93%	3,423	93%	6,391	96%	7,302	97%
Suicide	264	9%	277	7%	219	5%	197	5%	124	2%	93	1%
Undetermined	95	3%	92	2%	79	2%	78	2%	123	2%	165	2%

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.

Table 3b. Summary of apparent stimulant toxicity deaths by manner of death, 2018 to 2021

Manner of death	2018	2019	2020	2021
Total	100%	100%	100%	100%
Accidental	97%	96%	98%	98%
Suicide	2%	3%	1%	1%
Undetermined	1%	1%	1%	1%

Note(s):

Apparent stimulant toxicity death (ASTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is a stimulant, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.

Table 4a. Summary of total apparent opioid toxicity deaths in Canada, 2016 to 2021

		2016	2017	2018	2019	2020	2021
Total	Number	2,829	3,921	4,406	3,698	6,638	7,560
	Crude rate	7.8	10.7	11.9	9.8	17.5	20.5
	Age-adjusted rate	7.8	10.8	12.0	9.9	17.7	20.8
Percent by sex	Male	70%	74%	72%	71%	75%	74%
	Female	30%	26%	28%	29%	25%	26%
Percent by age group	0 to 19	2%	2%	2%	2%	2%	2%
	20 to 29	18%	20%	20%	19%	18%	18%
	30 to 39	27%	27%	27%	28%	27%	29%
	40 to 49	21%	21%	21%	20%	23%	23%
	50 to 59	23%	21%	21%	21%	21%	20%
	60 or more	9%	9%	9%	10%	9%	9%
Percent involving (categories not mutually exclusive)	Fentanyl	52%	69%	70%	59%	81%	85%
	Fentanyl analogues	n/a	n/a	9%	21%	12%	15%
	Non fentanyl opioids	59%	39%	46%	44%	31%	25%
	Stimulants	n/a	n/a	56%	55%	62%	58%
	Other psychoactive substances	68%	60%	44%	43%	44%	43%

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 4b. Summary of total apparent stimulant toxicity deaths in Canada (based on available information from five to seven provinces or territories), 2018 to 2021

		2018	2019	2020	2021
Number of reporting provinces or territories		5	6	7	6
Percent by sex	Male	76%	74%	76%	74%
	Female	24%	26%	24%	26%
Percent by age group	0 to 19	1%	2%	2%	1%
	20 to 29	17%	18%	17%	17%
	30 to 39	26%	28%	27%	28%
	40 to 49	23%	22%	24%	24%
	50 to 59	24%	22%	22%	21%
	60 or more	8%	9%	8%	8%
Percent involving (categories not mutually exclusive)	Cocaine	70%	65%	66%	61%
	Methamphetamine	44%	45%	51%	55%
	Other stimulants	7%	7%	12%	4%
	Opioids	74%	69%	83%	86%
	Other psychoactive substances	31%	28%	27%	23%

Note(s):

Apparent stimulant toxicity death (ASTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is a stimulant, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 5a. Number of total apparent opioid toxicity deaths by quarter and province or territory, January 2016 to December 2021

Province or territory	2016				2017				2018			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
BC	175	158	153	320	352	364	315	262	402	372	424	383
AB	137	140	159	166	162	182	183	217	194	206	210	195
SK	25	17	24	17	25	20	22	18	34	28	34	30
MB	18	20	17	33	34	34	19	19	21	17	24	31
ON	214	218	195	240	238	311	414	302	309	325	397	448
QC	68	64	68	61	65	79	69	67	55	51	42	63
NB	12	4	10	8	10	8	8	12	8	4	9	9
NS	17	14	17	5	19	17	13	15	15	18	10	11
PE	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NL	Suppr.	Suppr.	8	5	11	6	9	7	Suppr.	Suppr.	Suppr.	Suppr.
YT	0	2	2	3	4	0	1	2	0	0	3	2
NT	2	0	1	2	0	0	1	0	1	0	1	0
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	668	637	654	860	920	1,021	1,054	921	1,039	1,021	1,154	1,172



Province or territory	2019				2020				2021			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
BC	306	248	228	230	283	501	493	510	538	531	554	639
AB	162	187	152	125	161	318	358	345	360	358	399	501
SK	25	34	23	35	26	73	82	86	67	57	89	69
MB	10	16	11	25	26	56	96	82	n/a	n/a	n/a	n/a
ON	458	479	246	375	472	629	633	725	739	735	693	649
QC	51	53	51	48	116	148	167	116	99	113	127	111
NB	6	7	15	7	5	10	12	18	14	8	7	3
NS	14	18	13	12	9	12	10	19	12	8	6	14
PE	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NL	8	6	Suppr.	Suppr.	Suppr.	9	6	Suppr.	6	5	7	7
YT	1	0	0	3	2	0	3	1	5	5	5	8
NT	1	0	0	0	0	0	0	3	1	1	1	0
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	1,042	1,048	739	860	1,100	1,756	1,860	1,905	1,841	1,821	1,893	2,001

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Includes deaths related to all illicit drugs including, but not limited to, opioids and stimulants.

Q1 = January to March; Q2 = April to June; Q3 = July to September; Q4 = October to December

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 5b. Number of total apparent stimulant toxicity deaths by quarter and province or territory, January 2018 to December 2021

Province or territory	2018				2019				2020				2021			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
BC	277	247	283	239	44	52	154	172	179	253	139	147	149	53	38	38
SK	23	24	18	19	23	31	18	23	21	51	50	62	50	49	70	61
MB	n/a	n/a	n/a	n/a	15	23	16	27	29	53	84	83	n/a	n/a	n/a	n/a
ON	187	207	240	285	279	302	174	271	309	479	448	486	500	475	503	473
QC	36	47	49	30	37	33	30	39	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
NS	4	8	7	6	9	8	7	5	7	10	7	11	8	10	6	10
NL	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Suppr.	6	0	Suppr.	Suppr.	Suppr.	6	Suppr.
NT	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1	0	0	0	0	0	1	0

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Q1 = January to March; Q2 = April to June; Q3 = July to September; Q4 = October to December

Note(s):

Apparent stimulant toxicity death (ASTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is a stimulant, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.

Table 6a. Number of accidental apparent opioid toxicity deaths by quarter and province or territory, January 2016 to December 2021

Province or territory	2016				2017				2018			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
BC	169	158	147	316	348	359	306	258	400	365	413	375
AB	118	130	144	155	152	161	171	199	193	206	207	193
SK	25	14	22	15	22	17	19	16	31	25	30	28
MB	11	14	13	23	26	27	18	16	15	14	22	27
ON	174	180	174	198	191	276	380	280	262	293	362	402
QC	52	44	43	37	44	52	48	41	36	39	27	47
NB	11	3	6	7	8	6	7	11	7	4	5	7
NS	14	8	15	3	17	16	12	13	14	16	8	11
PE	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NL	Suppr.	Suppr.	Suppr.	Suppr.	7	Suppr.	7	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
YT	0	2	0	3	3	0	1	2	0	0	2	2
NT	1	0	1	2	0	0	1	0	1	0	1	0
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	575	553	565	759	818	914	970	836	959	962	1,077	1,092



Province or territory	2019				2020				2021			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
BC	292	237	212	220	276	485	478	497	521	506	520	599
AB	161	183	151	124	153	313	357	341	356	356	397	501
SK	23	33	22	31	24	68	80	81	63	54	88	67
MB	7	13	10	24	24	52	92	81	n/a	n/a	n/a	n/a
ON	422	452	219	339	444	599	596	688	704	701	671	627
QC	37	45	36	36	116	148	167	116	99	113	127	111
NB	5	6	11	5	4	9	9	16	12	8	5	3
NS	10	14	10	11	5	12	10	15	11	8	5	12
PE	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	5	Suppr.
NL	5	Suppr.	Suppr.	Suppr.	Suppr.	8	Suppr.	Suppr.	5	5	5	7
YT	1	0	0	3	2	0	3	1	5	5	5	8
NT	0	0	0	0	0	0	0	3	1	1	1	0
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	963	983	671	793	1,048	1,694	1,792	1,839	1,777	1,757	1,829	1,935

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Includes deaths related to all illicit drugs including, but not limited to, opioids and stimulants.

Q1 = January to March; Q2 = April to June; Q3 = July to September; Q4 = October to December

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.

Table 6b. Number of accidental apparent stimulant toxicity deaths by quarter and province or territory, January 2018 to December 2021

Province or territory	2018				2019				2020				2021			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
BC	276	245	276	237	39	50	150	167	177	250	138	144	149	53	37	38
SK	23	20	15	19	22	30	18	23	19	50	50	62	46	49	67	59
MB	n/a	n/a	n/a	n/a	12	21	14	26	27	50	82	82	n/a	n/a	n/a	n/a
ON	184	202	230	272	265	293	167	266	301	466	436	478	488	460	497	464
QC	31	43	43	27	34	33	28	36	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
NS	4	7	6	6	9	8	6	4	5	10	7	10	8	10	5	9
NL	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Suppr.	6	0	Suppr.	Suppr.	Suppr.	5	Suppr.
NT	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1	0	0	0	0	0	1	0

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Q1 = January to March; Q2 = April to June; Q3 = July to September; Q4 = October to December

Note(s):

Apparent stimulant toxicity death (ASTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is a stimulant, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid.



Table 7a. Percentage of accidental apparent opioid toxicity deaths by sex and province or territory, 2016 to 2021

Province or territory	2016		2017		2018		2019		2020		2021	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
BC	80%	20%	82%	18%	80%	20%	75%	25%	82%	18%	82%	18%
AB	73%	27%	76%	24%	74%	26%	74%	26%	77%	23%	73%	27%
SK	59%	41%	57%	43%	59%	41%	64%	36%	66%	34%	66%	34%
MB	61%	39%	67%	33%	55%	45%	69%	31%	63%	37%	n/a	n/a
ON	71%	29%	75%	25%	73%	27%	72%	28%	77%	23%	74%	26%
QC	68%	32%	69%	31%	63%	37%	69%	31%	75%	25%	78%	22%
NB	63%	37%	59%	41%	43%	57%	48%	52%	55%	45%	64%	36%
NS	78%	23%	71%	29%	67%	33%	71%	29%	69%	31%	72%	28%
PE	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NL	62%	38%	70%	30%	50%	50%	Suppr.	Suppr.	Suppr.	Suppr.	68%	32%
YT	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	61%	39%
NT	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	74%	26%	77%	23%	74%	26%	72%	28%	76%	24%	74%	26%

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Includes deaths related to all illicit drugs including, but not limited to, opioids and stimulants.

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 7b. Percentage of accidental apparent stimulant toxicity deaths by sex and province or territory, 2018 to 2021

Province or territory	2018		2019		2020		2021	
	Male	Female	Male	Female	Male	Female	Male	Female
BC	79%	21%	74%	26%	81%	19%	78%	22%
SK	58%	42%	65%	35%	67%	33%	68%	32%
MB	n/a	n/a	75%	25%	63%	37%	n/a	n/a
ON	74%	26%	74%	26%	76%	24%	75%	25%
QC	78%	22%	76%	24%	n/a	n/a	n/a	n/a
NS	74%	26%	85%	15%	81%	19%	72%	28%
NL	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
NT	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
Canada	76%	24%	74%	26%	76%	24%	74%	26%

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Note(s):

Apparent stimulant toxicity death (ASTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is a stimulant, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.

Total may not add up due to unavailable data, suppressed values, deaths where the sex was defined as 'other' and/or where the age was unknown.



Table 8a. Crude rate (per 100,000 population) of accidental apparent opioid toxicity deaths by sex and province or territory, 2016 to 2021

Province or territory	2016		2017		2018		2019		2020		2021	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
BC	26.4	6.4	43.0	9.0	42.3	10.2	14.4	4.7	28.0	6.1	10.2	2.2
AB	18.9	7.1	24.3	7.8	27.3	9.8	20.8	7.5	40.2	12.3	52.8	19.5
SK	7.9	5.5	7.2	5.6	11.4	8.2	11.8	6.7	28.1	14.7	30.3	15.7
MB	5.6	3.6	8.7	4.3	6.4	5.2	5.4	2.5	22.8	13.3	n/a	n/a
ON	7.5	3.0	12.1	4.0	13.6	5.0	14.4	5.4	24.5	7.3	27.4	9.3
QC	2.9	1.4	3.1	1.4	2.2	1.3	2.5	1.1	9.5	3.2	8.2	2.3
NB	4.5	2.6	5.0	3.4	2.6	3.3	3.4	3.6	5.4	4.3	4.6	2.5
NS	6.7	1.9	8.8	3.5	7.0	3.3	6.7	2.6	6.0	2.6	5.4	2.0
PE	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NL	3.0	1.9	6.1	2.6	1.9	1.9	Suppr.	Suppr.	Suppr.	Suppr.	5.8	2.7
YT	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	64.0	42.7
NT	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	10.1	3.6	15.0	4.5	15.5	5.4	11.4	4.3	22.2	7.0	22.2	7.6

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Includes deaths related to all illicit drugs including, but not limited to, opioids and stimulants.

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 8b. Crude rate (per 100,000 population) of accidental apparent stimulant toxicity deaths by sex and province or territory, 2018 to 2021

Province or territory	2018		2019		2020		2021	
	Male	Female	Male	Female	Male	Female	Male	Female
BC	33.1	8.4	12.0	4.0	22.6	5.1	8.4	2.3
SK	7.7	5.6	10.2	5.7	20.4	10.3	25.3	12.1
MB	n/a	n/a	8.0	2.6	21.9	13.0	n/a	n/a
ON	9.3	3.2	10.3	3.4	17.6	5.3	19.4	6.5
QC	2.7	0.7	2.3	0.8	n/a	n/a	n/a	n/a
NS	3.6	1.2	4.8	0.8	5.4	1.2	4.7	1.8
NL	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
NT	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Note(s):

Apparent stimulant toxicity death (ASTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is a stimulant, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.

Table 9a. Percentage of accidental apparent opioid toxicity deaths by age group and province or territory, 2016 to 2021

2016

Province or territory	Age group					
	0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	3%	21%	28%	23%	21%	5%
AB	2%	21%	37%	18%	17%	5%
SK	0%	12%	45%	13%	21%	9%
MB	5%	30%	26%	16%	15%	8%
ON	2%	19%	24%	22%	25%	8%
QC	2%	14%	19%	26%	28%	12%
NB	0%	11%	22%	30%	26%	11%
NS	3%	20%	30%	13%	23%	13%
PE	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NL	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
YT	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NT	0%	50%	0%	0%	25%	25%
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	2%	20%	28%	21%	22%	7%

2017

Province or territory	Age group					
	0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	2%	19%	28%	23%	21%	7%
AB	3%	24%	32%	19%	17%	5%
SK	4%	28%	23%	20%	16%	8%
MB	0%	31%	32%	22%	7%	8%
ON	2%	21%	27%	22%	20%	8%
QC	2%	15%	24%	19%	27%	14%
NB	3%	22%	28%	19%	19%	9%
NS	5%	10%	26%	24%	29%	5%
PE	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NL	Suppr.	22%	39%	35%	Suppr.	0%
YT	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NT	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	2%	21%	28%	22%	20%	7%



2018

Province or territory	Age group					
	0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	2%	19%	27%	22%	23%	8%
AB	2%	25%	30%	20%	18%	7%
SK	0%	24%	25%	20%	20%	11%
MB	0%	26%	28%	20%	20%	7%
ON	2%	20%	29%	22%	20%	7%
QC	1%	13%	28%	22%	23%	13%
NB	0%	9%	22%	22%	35%	13%
NS	2%	22%	24%	20%	18%	12%
PE	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NL	0%	0%	Suppr.	80%	Suppr.	0%
YT	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NT	50%	50%	0%	0%	0%	0%
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	2%	20%	28%	21%	21%	8%

2019

Province or territory	Age group					
	0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	3%	19%	30%	21%	20%	8%
AB	2%	23%	31%	21%	18%	5%
SK	1%	19%	23%	24%	28%	6%
MB	2%	28%	31%	17%	19%	4%
ON	1%	20%	29%	19%	22%	8%
QC	2%	12%	17%	27%	25%	18%
NB	0%	7%	30%	19%	22%	22%
NS	2%	16%	22%	27%	18%	16%
PE	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NL	0%	Suppr.	Suppr.	38%	0%	Suppr.
YT	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NT	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	2%	20%	28%	21%	21%	8%



2020


Province or territory	Age group					
	0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	2%	17%	23%	26%	23%	10%
AB	2%	20%	29%	23%	19%	7%
SK	3%	20%	29%	21%	19%	9%
MB	1%	19%	31%	28%	14%	6%
ON	1%	19%	29%	23%	20%	8%
QC	2%	13%	20%	22%	25%	17%
NB	0%	13%	16%	29%	24%	18%
NS	0%	24%	21%	36%	12%	7%
PE	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NL	Suppr.	Suppr.	44%	Suppr.	28%	0%
YT	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NT	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	2%	18%	27%	23%	21%	9%

2021

Province or territory	Age group					
	0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	2%	16%	24%	20%	25%	13%
AB	2%	19%	32%	22%	17%	7%
SK	1%	22%	22%	26%	21%	8%
MB	n/a	n/a	n/a	n/a	n/a	n/a
ON	2%	18%	29%	23%	20%	9%
QC	2%	11%	25%	24%	22%	16%
NB	0%	14%	11%	46%	18%	11%
NS	0%	25%	25%	17%	22%	11%
PE	0%	0%	56%	Suppr.	Suppr.	0%
NL	0%	Suppr.	41%	27%	Suppr.	Suppr.
YT	0%	Suppr.	35%	35%	Suppr.	Suppr.
NT	0%	0%	67%	33%	0%	0%
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	2%	18%	29%	23%	19%	9%

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

 Includes deaths related to all illicit drugs including, but not limited to, opioids and stimulants.

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 9b. Percentage of accidental apparent stimulant toxicity deaths by age group and province or territory, 2016 to 2021

2018

Province or territory	Age group					
	0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	1%	16%	25%	23%	25%	9%
SK	1%	21%	32%	27%	13%	5%
MB	n/a	n/a	n/a	n/a	n/a	n/a
ON	1%	17%	29%	24%	22%	7%
QC	2%	17%	15%	22%	30%	15%
NS	4%	35%	22%	13%	22%	4%
NL	n/a	n/a	n/a	n/a	n/a	n/a
NT	n/a	n/a	n/a	n/a	n/a	n/a
Canada	1%	17%	26%	23%	24%	8%

2019

Province or territory	Age group					
	0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	2%	17%	26%	23%	22%	9%
SK	1%	22%	37%	19%	16%	5%
MB	1%	25%	32%	29%	12%	1%
ON	1%	17%	28%	21%	22%	9%
QC	3%	15%	19%	19%	27%	16%
NS	4%	15%	26%	19%	19%	19%
NL	n/a	n/a	n/a	n/a	n/a	n/a
NT	n/a	n/a	n/a	n/a	n/a	n/a
Canada	2%	18%	28%	22%	22%	9%



2020

Province or territory	Age group					
	0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	1%	15%	23%	26%	24%	10%
SK	2%	18%	34%	21%	19%	6%
MB	3%	21%	33%	27%	13%	5%
ON	1%	16%	29%	23%	22%	8%
QC	n/a	n/a	n/a	n/a	n/a	n/a
NS	3%	22%	19%	22%	22%	13%
NL	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NT	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	2%	17%	28%	24%	22%	8%

2021

Province or territory	Age group					
	0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	2%	14%	22%	21%	26%	15%
SK	1%	23%	29%	23%	19%	5%
MB	n/a	n/a	n/a	n/a	n/a	n/a
ON	1%	17%	29%	24%	20%	8%
QC	n/a	n/a	n/a	n/a	n/a	n/a
NS	0%	34%	28%	9%	19%	9%
NL	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NT	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	1%	17%	29%	24%	21%	8%

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Note(s):

Apparent stimulant toxicity death (ASTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is a stimulant, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.

Table 10a. Percentage of accidental apparent opioid toxicity deaths by type of opioids and province or territory, 2016 to 2021

Province or territory	2016			2017			2018		
	Fentanyl	Analogues	Non-fentanyl	Fentanyl	Analogues	Non-fentanyl	Fentanyl	Analogues	Non-fentanyl
BC	80%	3%	55%	91%	11%	29%	94%	5%	39%
AB	63%	n/a	37%	81%	n/a	19%	72%	20%	28%
SK	11%	n/a	89%	20%	n/a	80%	41%	4%	68%
MB	46%	n/a	54%	51%	n/a	49%	38%	n/a	62%
ON	45%	n/a	55%	69%	n/a	31%	70%	9%	44%
QC	24%	n/a	88%	29%	n/a	92%	18%	6%	93%
NB	15%	n/a	93%	22%	n/a	91%	4%	n/a	100%
NS	18%	n/a	83%	10%	n/a	90%	16%	8%	96%
PE	20%	n/a	80%	0%	n/a	100%	13%	n/a	88%
NL	Suppr.	n/a	92%	26%	n/a	74%	0%	n/a	100%
YT	80%	n/a	20%	83%	n/a	17%	100%	n/a	0%
NT	25%	n/a	75%	0%	n/a	100%	0%	n/a	100%
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	57%	n/a	55%	74%	n/a	35%	74%	10%	43%

Province or territory	2019			2020			2021		
	Fentanyl	Analogues	Non-fentanyl	Fentanyl	Analogues	Non-fentanyl	Fentanyl	Analogues	Non-fentanyl
BC	89%	11%	33%	92%	33%	23%	91%	28%	19%
AB	77%	10%	30%	86%	10%	20%	88%	22%	15%
SK	37%	11%	71%	63%	57%	50%	84%	67%	31%
MB	59%	11%	54%	81%	5%	50%	n/a	n/a	n/a
ON	56%	35%	37%	88%	2%	24%	91%	4%	20%
QC	17%	1%	93%	30%	3%	84%	45%	7%	75%
NB	19%	n/a	89%	11%	n/a	89%	15%	n/a	85%
NS	9%	2%	96%	24%	7%	86%	17%	8%	78%
PE	0%	n/a	100%	50%	0%	50%	0%	0%	100%
NL	Suppr.	n/a	85%	Suppr.	Suppr.	78%	27%	0%	77%
YT	75%	n/a	25%	67%	0%	17%	100%	48%	4%
NT	0%	0%	0%	100%	0%	0%	67%	0%	67%
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	62%	22%	41%	83%	12%	30%	86%	15%	24%

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Includes deaths related to all illicit drugs including, but not limited to, opioids and stimulants.

Analogue = Fentanyl analogues; Non-fentanyl = Non-fentanyl opioids

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Until investigations are completed, some provinces and territories report fentanyl information only or report data on fentanyl and fentanyl analogues together. Therefore, some deaths involving fentanyl analogues may be included in the fentanyl percentages.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 10b. Percentage of accidental stimulant toxicity deaths by type of stimulants and province or territory, 2018 to 2021

Province or territory	2018			2019			2020			2021		
	Cocaine	Meth	Other stimulants	Cocaine	Meth	Other stimulants	Cocaine	Meth	Other stimulants	Cocaine	Meth	Other stimulants
BC	68%	51%	3%	62%	52%	3%	59%	59%	5%	65%	50%	4%
SK	51%	55%	14%	25%	77%	9%	31%	72%	5%	19%	85%	5%
MB	n/a	n/a	n/a	55%	59%	5%	68%	68%	81%	n/a	n/a	n/a
ON	75%	36%	5%	73%	39%	4%	73%	44%	4%	66%	52%	3%
QC	62%	n/a	38%	62%	n/a	38%	n/a	n/a	n/a	n/a	n/a	n/a
NS	91%	13%	9%	67%	33%	15%	84%	0%	22%	94%	28%	3%
NL	n/a	n/a	n/a	n/a	n/a	n/a	Suppr.	Suppr.	60%	60%	33%	67%
NT	n/a	n/a	n/a	n/a	n/a	n/a	0%	0%	0%	100%	0%	0%
Canada	70%	44%	7%	66%	45%	7%	66%	51%	11%	62%	55%	4%

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Meth: methamphetamine

Note(s):

Apparent stimulant toxicity death (ASTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is a stimulant, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 11a. Percentage of accidental apparent opioid toxicity deaths involving stimulants, by province or territory, 2018 to 2021

Province or territory	Year			
	2018	2019	2020	2021
BC	72%	74%	71%	74%
AB	57%	60%	65%	49%
SK	44%	50%	60%	64%
MB	n/a	59%	81%	n/a
ON	48%	51%	58%	63%
QC	n/a	n/a	n/a	n/a
NS	31%	38%	38%	47%
NL	n/a	n/a	44%	36%
YT	n/a	n/a	n/a	26%
NT	n/a	n/a	0%	33%
Canada	58%	57%	63%	59%

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 11b. Percentage of accidental apparent stimulant toxicity deaths involving opioids, by province or territory, 2018 to 2021

Province or territory	Year			
	2018	2019	2020	2021
BC	91%	88%	88%	86%
SK	65%	58%	84%	79%
MB	n/a	44%	83%	n/a
ON	71%	74%	81%	88%
QC	n/a	n/a	n/a	n/a
NS	65%	63%	50%	53%
NL	n/a	n/a	80%	53%
NT	n/a	n/a	0%	100%
Canada	75%	69%	83%	86%

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Note(s):

Apparent stimulant toxicity death (ASTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is a stimulant, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.


Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.

Table 12a. Percentage of accidental apparent opioid toxicity death involving other psychoactive substances, by province or territory, 2016 to 2021

Province or territory	Year					
	2016	2017	2018	2019	2020	2021
BC	31%	33%	36%	41%	42%	48%
AB	65%	72%	73%	77%	81%	83%
SK	95%	91%	43%	52%	50%	78%
MB	95%	99%	51%	34%	69%	n/a
ON	93%	66%	23%	20%	17%	16%
QC	80%	83%	88%	85%	49%	51%
NB	93%	100%	100%	100%	97%	100%
NS	90%	83%	84%	84%	81%	78%
PE	100%	100%	88%	100%	88%	56%
NL	100%	91%	100%	100%	44%	59%
YT	100%	100%	100%	75%	0%	4%
NT	75%	100%	100%	0%	33%	33%
NU	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	66%	59%	43%	43%	40%	40%

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

 Includes deaths related to all illicit drugs including, but not limited to, opioids and stimulants.

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 12b. Percentage of accidental apparent stimulant toxicity death involving other psychoactive substances, by province or territory, 2018 to 2021

Province or territory	Year			
	2018	2019	2020	2021
BC	33%	38%	38%	43%
SK	43%	39%	41%	67%
MB	n/a	27%	66%	n/a
ON	16%	15%	14%	13%
QC	86%	80%	n/a	n/a
NS	65%	59%	56%	47%
NL	n/a	n/a	Suppr.	53%
NT	n/a	n/a	0%	100%
Canada	30%	28%	27%	23%

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Note(s):

Apparent stimulant toxicity death (ASTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is a stimulant, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 13. Percentage of accidental opioid toxicity deaths by origin of opioid(s), by province or territory, 2018 to 2021

2018

Province or territory	Origin			
	Pharmaceutical only	Non-pharmaceutical only*	Both	Undetermined
BC	0%	62%	0%	38%
AB	16%	78%	1%	5%
SK	58%	35%	4%	3%
MB	n/a	n/a	n/a	n/a
ON	23%	65%	9%	3%
QC	n/a	n/a	n/a	n/a
NB	96%	0%	4%	0%
NS	85%	6%	8%	0%
PE	n/a	n/a	n/a	n/a
NL	100%	0%	0%	0%
YT	n/a	n/a	n/a	n/a
NT	n/a	n/a	n/a	n/a
NU	Suppr.	Suppr.	Suppr.	Suppr.
Canada	25%	66%	6%	3%

2019

Province or territory	Origin			
	Pharmaceutical only	Non-pharmaceutical only*	Both	Undetermined
BC	0%	67%	0%	33%
AB	16%	77%	0%	6%
SK	60%	30%	5%	6%
MB	39%	52%	4%	6%
ON	18%	68%	11%	2%
QC	n/a	n/a	n/a	n/a
NB	81%	11%	4%	4%
NS	93%	5%	2%	0%
PE	n/a	n/a	n/a	n/a
NL	77%	23%	0%	0%
YT	n/a	n/a	n/a	n/a
NT	n/a	n/a	n/a	n/a
NU	Suppr.	Suppr.	Suppr.	Suppr.
Canada	23%	66%	7%	4%



2020

Province or territory	Origin			
	Pharmaceutical only	Non-pharmaceutical only*	Both	Undetermined
BC	0%	77%	0%	23%
AB	10%	84%	1%	6%
SK	32%	53%	9%	7%
MB	7%	43%	2%	48%
ON	10%	78%	10%	2%
QC	n/a	n/a	n/a	n/a
NB	81%	11%	0%	8%
NS	79%	13%	8%	0%
PE	n/a	n/a	n/a	n/a
NL	83%	17%	0%	0%
YT	n/a	n/a	n/a	n/a
NT	n/a	n/a	n/a	n/a
NU	Suppr.	Suppr.	Suppr.	Suppr.
Canada	13%	74%	7%	6%



2021

Province or territory	Origin			
	Pharmaceutical only	Non-pharmaceutical only*	Both	Undetermined
BC	0%	81%	0%	19%
AB	5%	87%	0%	7%
SK	15%	70%	12%	3%
MB	n/a	n/a	n/a	n/a
ON	7%	81%	11%	1%
QC	n/a	n/a	n/a	n/a
NB	82%	12%	0%	6%
NS	78%	22%	0%	0%
PE	56%	0%	0%	44%
NL	10%	5%	0%	86%
YT	n/a	n/a	n/a	n/a
NT	n/a	n/a	n/a	n/a
NU	Suppr.	Suppr.	Suppr.	Suppr.
Canada	8%	81%	8%	4%

* Includes deaths with suspected non-pharmaceutical fentanyl alone or with any other non-pharmaceutical opioid(s)

Only applies to deaths with completed investigations.

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 14a. Number of accidental apparent opioid toxicity deaths by sex and age group, by province or territory, 2018 to 2021

2018

Province or territory	Sex	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	Female	4	56	74	51	51	22
	Male	19	192	276	234	244	85
AB	Female	9	51	55	46	36	12
	Male	6	146	181	112	105	40
SK	Female	0	11	12	8	13	3
	Male	0	16	16	15	10	10
MB	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a
ON	Female	7	77	105	74	66	31
	Male	14	185	277	216	201	66
QC	Female	0	5	9	13	16	12
	Male	1	15	32	20	19	7
NB	Female	0	2	3	1	5	2
	Male	0	0	2	4	3	1
NS	Female	Suppr.	3	5	4	1	2
	Male	Suppr.	8	7	6	8	4
PE	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a
NL	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a
YT	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a
NT	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a
NU	Female	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Female	20	205	263	197	188	84
	Male	40	562	791	607	590	213



2019

Province or territory	Sex	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	Female	9	21	36	21	27	6
	Male	5	69	107	80	70	33
AB	Female	7	40	45	28	33	10
	Male	6	100	147	100	79	24
SK	Female	0	8	7	12	11	1
	Male	1	13	18	14	19	5
MB	Female	1	4	5	2	4	1
	Male	0	11	12	7	6	1
ON	Female	6	77	116	70	103	25
	Male	15	215	299	207	210	89
QC	Female	1	0	6	10	19	11
	Male	2	19	20	31	19	16
NB	Female	0	1	4	1	5	3
	Male	0	1	4	4	1	3
NS	Female	Suppr.	0	4	3	3	3
	Male	Suppr.	7	6	9	5	4
PE	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a
NL	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a
YT	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a
NT	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a
NU	Female	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Female	24	151	223	147	205	60
	Male	29	435	613	452	409	175



2020

Province or territory	Sex	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	Female	5	29	41	37	31	16
	Male	11	120	162	186	167	68
AB	Female	7	59	69	71	52	13
	Male	16	171	263	202	171	70
SK	Female	4	19	21	16	18	8
	Male	3	32	52	36	30	14
MB	Female	3	21	25	24	12	6
	Male	0	27	53	45	23	9
ON	Female	11	103	165	128	98	41
	Male	22	329	518	398	377	137
QC	Female	Suppr.	20	32	29	30	Suppr.
	Male	Suppr.	52	79	93	107	Suppr.
NB	Female	0	3	4	4	3	3
	Male	0	2	2	7	6	4
NS	Female	Suppr.	2	3	5	1	2
	Male	Suppr.	8	6	10	4	1
PE	Female	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NL	Female	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
YT	Female	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NT	Female	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NU	Female	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Female	30	256	360	314	245	89
	Male	52	741	1,135	977	885	303



Province or territory	Sex	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	Female	3	10	19	8	14	5
	Male	5	40	57	57	67	36
AB	Female	10	101	160	85	55	21
	Male	20	212	362	269	226	89
SK	Female	3	28	24	18	13	6
	Male	0	31	35	54	45	15
MB	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a
ON	Female	12	148	205	145	132	52
	Male	29	343	582	471	399	185
QC	Female	Suppr.	12	24	25	22	Suppr.
	Male	Suppr.	37	89	82	78	Suppr.
NB	Female	0	0	1	7	2	0
	Male	0	4	2	6	3	3
NS	Female	Suppr.	2	3	3	1	1
	Male	Suppr.	7	6	3	7	3
PE	Female	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NL	Female	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
YT	Female	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NT	Female	0	0	0	0	0	0
	Male	0	0	2	1	0	0
NU	Female	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Female	28	301	436	291	239	85
	Male	54	674	1,135	943	825	331

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Includes deaths related to all illicit drugs including, but not limited to, opioids and stimulants.

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 14b. Number of accidental apparent stimulant toxicity deaths by sex and age group, by province or territory, 2018 to 2021

2018

Province or territory	Sex	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	Female	2	38	64	45	47	17
	Male	10	129	197	190	216	79
SK	Female	1	5	11	9	6	0
	Male	0	11	14	12	4	4
MB	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a
ON	Female	4	53	71	49	46	11
	Male	8	100	183	164	151	48
QC	Female	0	9	5	10	6	1
	Male	3	16	16	21	37	20
NS	Female	Suppr.	2	2	1	0	0
	Male	Suppr.	6	3	2	5	1
NL	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a
NT	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a

2019

Province or territory	Sex	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	Female	5	19	27	21	24	8
	Male	3	52	79	72	66	30
SK	Female	0	10	13	5	4	1
	Male	1	10	21	13	11	4
MB	Female	0	7	7	2	2	0
	Male	1	11	16	19	7	1
ON	Female	3	47	81	55	58	9
	Male	10	125	200	158	164	81
QC	Female	0	7	10	6	7	2
	Male	4	13	15	19	29	19
NS	Female	Suppr.	0	3	1	0	0
	Male	Suppr.	4	4	4	5	5
NL	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a
NT	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a



2020

Province or territory	Sex	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	Female	2	25	31	30	26	18
	Male	7	83	129	156	146	56
SK	Female	2	16	17	11	12	2
	Male	2	17	44	27	22	9
MB	Female	3	24	26	27	6	3
	Male	3	27	52	37	24	8
ON	Female	7	65	134	94	73	23
	Male	16	209	351	301	301	107
QC	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a
NS	Female	Suppr.	2	1	1	0	1
	Male	Suppr.	5	5	6	7	3
NL	Female	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NT	Female	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.



2021

Province or territory	Sex	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	Female	2	11	20	8	16	3
	Male	4	28	40	50	56	38
SK	Female	3	24	23	12	7	2
	Male	0	26	41	38	36	9
MB	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a
ON	Female	8	103	159	105	87	23
	Male	12	220	404	360	302	126
QC	Female	n/a	n/a	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a	n/a	n/a
NS	Female	Suppr.	5	2	0	2	0
	Male	Suppr.	6	7	3	4	3
NL	Female	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NT	Female	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Note(s):

Apparent stimulant toxicity death (ASTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is a stimulant, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 15a. Percentage of accidental apparent opioid toxicity deaths by type of opioids and sex, by province or territory, 2018 to 2021

Province or territory	Type of opioids	2018		2019		2020		2021	
		Male	Female	Male	Female	Male	Female	Male	Female
BC	Fentanyl	80%	20%	76%	24%	83%	17%	84%	16%
	Fentanyl analogues	89%	11%	81%	19%	80%	20%	78%	22%
	Non-fentanyl opioids	77%	23%	68%	32%	75%	25%	74%	26%
AB	Fentanyl	78%	22%	77%	23%	79%	21%	74%	26%
	Fentanyl analogues	78%	22%	75%	25%	81%	19%	75%	25%
	Non-fentanyl opioids	61%	39%	65%	35%	67%	33%	66%	34%
SK	Fentanyl	68%	32%	70%	30%	73%	28%	70%	30%
	Fentanyl analogues	Suppr.	Suppr.	67%	33%	75%	25%	69%	31%
	Non-fentanyl opioids	54%	46%	62%	38%	59%	41%	60%	40%
MB	Fentanyl	n/a	n/a	88%	13%	64%	36%	n/a	n/a
	Fentanyl analogues	n/a	n/a	83%	17%	54%	46%	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	52%	48%	54%	46%	n/a	n/a
ON	Fentanyl	75%	25%	75%	25%	78%	22%	75%	25%
	Fentanyl analogues	76%	24%	77%	23%	80%	20%	74%	26%
	Non-fentanyl opioids	70%	30%	63%	37%	67%	33%	69%	31%
QC	Fentanyl	74%	26%	81%	19%	70%	30%	87%	13%
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	63%	37%	67%	33%	67%	33%	73%	27%
NB	Fentanyl	Suppr.	Suppr.	80%	20%	75%	25%	75%	25%
	Fentanyl analogues	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	43%	57%	46%	54%	52%	48%	61%	39%
NS	Fentanyl	75%	25%	75%	25%	80%	20%	Suppr.	Suppr.
	Fentanyl analogues	75%	25%	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	68%	32%	70%	30%	67%	33%	64%	36%



Province or territory	Type of opioids	2018		2019		2020		2021	
		Male	Female	Male	Female	Male	Female	Male	Female
PE	Fentanyl	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
NL	Fentanyl	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	n/a	n/a	n/a	n/a	Suppr.	Suppr.	59%	41%
YT	Fentanyl	n/a	n/a	n/a	n/a	Suppr.	Suppr.	61%	39%
	Fentanyl analogues	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
NT	Fentanyl	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
NU	Fentanyl	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Fentanyl	78%	22%	76%	24%	78%	22%	75%	25%
	Fentanyl analogues	79%	21%	77%	23%	78%	22%	74%	26%
	Non-fentanyl opioids	69%	31%	64%	36%	66%	34%	68%	32%

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Includes deaths related to all illicit drugs including, but not limited to, opioids and stimulants.

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 15b. Percentage of accidental apparent stimulant toxicity deaths by type of stimulants and sex, by province or territory, 2018 to 2021

Province or territory	Type of stimulants	2018		2019		2020		2021	
		Male	Female	Male	Female	Male	Female	Male	Female
BC	Cocaine	79%	21%	74%	26%	82%	18%	79%	21%
	Methamphetamine	77%	23%	76%	24%	80%	20%	77%	23%
	Other stimulants	88%	13%	71%	29%	79%	21%	80%	20%
SK	Cocaine	67%	33%	83%	17%	67%	33%	60%	40%
	Methamphetamine	52%	48%	58%	42%	67%	33%	71%	29%
	Other stimulants	45%	55%	63%	38%	67%	33%	70%	30%
MB	Cocaine	n/a	n/a	75%	25%	62%	38%	n/a	n/a
	Methamphetamine	n/a	n/a	81%	19%	61%	39%	n/a	n/a
	Other stimulants	n/a	n/a	Suppr.	Suppr.	62%	38%	n/a	n/a
ON	Cocaine	73%	27%	75%	25%	76%	24%	73%	27%
	Methamphetamine	72%	28%	71%	29%	75%	25%	75%	25%
	Other stimulants	77%	23%	62%	38%	67%	33%	72%	28%
QC	Cocaine	81%	19%	75%	25%	n/a	n/a	n/a	n/a
	Methamphetamine	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Other stimulants	75%	25%	76%	24%	n/a	n/a	n/a	n/a
NS	Cocaine	71%	29%	89%	11%	81%	19%	70%	30%
	Methamphetamine	67%	33%	89%	11%	0%	0%	67%	33%
	Other stimulants	Suppr.	Suppr.	75%	25%	71%	29%	Suppr.	Suppr.

Province or territory	Type of stimulants	2018		2019		2020		2021	
		Male	Female	Male	Female	Male	Female	Male	Female
NL	Cocaine	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
	Methamphetamine	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
	Other stimulants	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
NT	Cocaine	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
	Methamphetamine	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
	Other stimulants	n/a	n/a	n/a	n/a	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Cocaine	76%	24%	75%	25%	76%	24%	74%	26%
	Methamphetamine	74%	26%	72%	28%	74%	26%	75%	25%
	Other stimulants	76%	24%	70%	30%	65%	35%	73%	27%

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Note(s):

Apparent stimulant toxicity death (ASTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is a stimulant, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.

Table 16a. Percentage of accidental apparent opioid toxicity deaths by type of opioids and age group, by province or territory, 2018 to 2021

2018

Province or territory	Type of opioids	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	Fentanyl	2%	19%	27%	22%	22%	8%
	Fentanyl analogues	7%	21%	27%	20%	17%	7%
	Non-fentanyl opioids	1%	16%	24%	21%	26%	11%
AB	Fentanyl	2%	27%	33%	20%	14%	4%
	Fentanyl analogues	3%	27%	32%	19%	15%	4%
	Non-fentanyl opioids	1%	15%	22%	21%	29%	12%
SK	Fentanyl	0%	30%	36%	19%	13%	2%
	Fentanyl analogues	0%	40%	60%	0%	0%	0%
	Non-fentanyl opioids	0%	19%	18%	21%	26%	17%
MB	Fentanyl	n/a	n/a	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a	n/a	n/a
ON	Fentanyl	1%	22%	33%	22%	19%	4%
	Fentanyl analogues	2%	27%	35%	22%	14%	1%
	Non-fentanyl opioids	2%	16%	25%	23%	23%	12%
QC	Fentanyl	0%	11%	33%	19%	22%	15%
	Fentanyl analogues	0%	22%	22%	11%	44%	0%
	Non-fentanyl opioids	1%	14%	27%	23%	23%	13%
NB	Fentanyl	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	n/a	n/a	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	0%	9%	22%	22%	35%	13%
NS	Fentanyl	13%	25%	25%	25%	13%	0%
	Fentanyl analogues	0%	75%	0%	25%	0%	0%
	Non-fentanyl opioids	0%	21%	26%	21%	19%	13%



Province or territory	Type of opioids	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
PE	Fentanyl	n/a	n/a	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a	n/a	n/a
NL	Fentanyl	n/a	n/a	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a	n/a	n/a
YT	Fentanyl	n/a	n/a	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a	n/a	n/a
NT	Fentanyl	n/a	n/a	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a	n/a	n/a
NU	Fentanyl	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Fentanyl	2%	22%	30%	21%	19%	6%
	Fentanyl analogues	3%	26%	32%	20%	15%	4%
	Non-fentanyl opioids	1%	16%	24%	22%	25%	12%



2019

Province or territory	Type of opioids	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	Fentanyl	3%	19%	32%	20%	20%	7%
	Fentanyl analogues	4%	19%	27%	23%	19%	8%
	Non-fentanyl opioids	2%	15%	22%	22%	26%	13%
AB	Fentanyl	2%	25%	34%	19%	15%	3%
	Fentanyl analogues	6%	22%	24%	24%	17%	6%
	Non-fentanyl opioids	2%	15%	24%	23%	26%	10%
SK	Fentanyl	3%	25%	43%	15%	13%	3%
	Fentanyl analogues	0%	33%	42%	8%	17%	0%
	Non-fentanyl opioids	0%	17%	13%	27%	35%	8%
MB	Fentanyl	0%	44%	38%	19%	0%	0%
	Fentanyl analogues	0%	67%	0%	33%	0%	0%
	Non-fentanyl opioids	3%	14%	24%	17%	34%	7%
ON	Fentanyl	1%	25%	32%	20%	17%	5%
	Fentanyl analogues	1%	21%	31%	20%	21%	7%
	Non-fentanyl opioids	2%	15%	23%	19%	30%	13%
QC	Fentanyl	8%	23%	23%	23%	19%	4%
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	1%	11%	17%	27%	25%	19%
NB	Fentanyl	0%	0%	60%	40%	0%	0%
	Fentanyl analogues	n/a	n/a	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	0%	8%	25%	17%	25%	25%
NS	Fentanyl	0%	50%	0%	25%	25%	0%
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	2%	14%	23%	26%	19%	16%



Province or territory	Type of opioids	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
PE	Fentanyl	n/a	n/a	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a	n/a	n/a
NL	Fentanyl	n/a	n/a	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a	n/a	n/a
YT	Fentanyl	n/a	n/a	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a	n/a	n/a
NT	Fentanyl	n/a	n/a	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a	n/a	n/a
NU	Fentanyl	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Fentanyl	2%	24%	33%	20%	17%	5%
	Fentanyl analogues	2%	22%	30%	20%	20%	7%
	Non-fentanyl opioids	2%	14%	22%	21%	28%	13%



2020

Province or territory	Type of opioids	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	Fentanyl	2%	17%	24%	26%	22%	9%
	Fentanyl analogues	2%	14%	27%	27%	21%	9%
	Non-fentanyl opioids	1%	14%	20%	21%	27%	18%
AB	Fentanyl	2%	20%	30%	25%	18%	6%
	Fentanyl analogues	1%	13%	28%	30%	24%	5%
	Non-fentanyl opioids	2%	15%	23%	23%	25%	12%
SK	Fentanyl	3%	24%	34%	21%	14%	3%
	Fentanyl analogues	3%	22%	38%	20%	15%	3%
	Non-fentanyl opioids	2%	16%	21%	20%	27%	13%
MB	Fentanyl	2%	21%	37%	28%	9%	4%
	Fentanyl analogues	0%	8%	50%	25%	17%	0%
	Non-fentanyl opioids	2%	18%	26%	27%	17%	10%
ON	Fentanyl	1%	19%	31%	23%	20%	6%
	Fentanyl analogues	0%	15%	29%	20%	24%	12%
	Non-fentanyl opioids	1%	14%	25%	22%	25%	13%
QC	Fentanyl	Suppr.	16%	27%	29%	17%	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	63%	Suppr.	Suppr.
	Non-fentanyl opioids	3%	16%	23%	19%	22%	18%
NB	Fentanyl	0%	25%	25%	50%	0%	0%
	Fentanyl analogues	n/a	n/a	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	0%	9%	15%	27%	27%	21%
NS	Fentanyl	0%	30%	40%	0%	10%	20%
	Fentanyl analogues	0%	33%	33%	0%	33%	0%
	Non-fentanyl opioids	0%	22%	17%	42%	14%	6%



Province or territory	Type of opioids	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
PE	Fentanyl	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NL	Fentanyl	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	Suppr.	Suppr.	43%	Suppr.	36%	0%
YT	Fentanyl	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NT	Fentanyl	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NU	Fentanyl	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Fentanyl	2%	19%	30%	24%	19%	6%
	Fentanyl analogues	2%	16%	30%	26%	20%	7%
	Non-fentanyl opioids	1%	15%	23%	22%	24%	14%



2021


Province or territory	Type of opioids	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	Fentanyl	2%	16%	24%	21%	25%	13%
	Fentanyl analogues	3%	15%	25%	20%	29%	8%
	Non-fentanyl opioids	2%	18%	21%	21%	26%	13%
AB	Fentanyl	2%	20%	34%	21%	18%	6%
	Fentanyl analogues	0%	16%	32%	23%	22%	6%
	Non-fentanyl opioids	2%	18%	28%	21%	18%	13%
SK	Fentanyl	1%	25%	23%	27%	18%	6%
	Fentanyl analogues	1%	26%	26%	26%	16%	4%
	Non-fentanyl opioids	0%	10%	18%	30%	29%	14%
MB	Fentanyl	n/a	n/a	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a	n/a	n/a
ON	Fentanyl	1%	19%	30%	23%	19%	7%
	Fentanyl analogues	4%	17%	25%	30%	19%	6%
	Non-fentanyl opioids	1%	10%	22%	24%	27%	16%
QC	Fentanyl	Suppr.	14%	34%	22%	18%	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	47%	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	Suppr.	10%	26%	27%	20%	Suppr.
NB	Fentanyl	0%	25%	25%	25%	25%	0%
	Fentanyl analogues	n/a	n/a	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	0%	13%	9%	48%	17%	13%
NS	Fentanyl	0%	67%	17%	0%	17%	0%
	Fentanyl analogues	0%	33%	33%	0%	33%	0%
	Non-fentanyl opioids	0%	18%	25%	21%	21%	14%



Province or territory	Type of opioids	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
PE	Fentanyl	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	0%	0%	56%	Suppr.	Suppr.	0%
NL	Fentanyl	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	0%	Suppr.	35%	35%	Suppr.	Suppr.
YT	Fentanyl	0%	Suppr.	35%	35%	Suppr.	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NT	Fentanyl	0%	0%	50%	50%	0%	0%
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NU	Fentanyl	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Fentanyl	1%	19%	30%	23%	19%	7%
	Fentanyl analogues	1%	19%	29%	24%	21%	6%
	Non-fentanyl opioids	1%	12%	24%	25%	24%	15%

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

 Includes deaths related to all illicit drugs including, but not limited to, opioids and stimulants.

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.

Table 16b. Percentage of accidental apparent stimulant toxicity deaths by type of stimulants and age group, by province or territory, 2018 to 2021

2018

Province or territory	Type of stimulants	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	Cocaine	0%	15%	26%	23%	27%	10%
	Methamphetamine	1%	17%	27%	24%	23%	8%
	Other stimulants	13%	38%	28%	3%	19%	0%
SK	Cocaine	3%	26%	23%	26%	13%	10%
	Methamphetamine	0%	21%	38%	26%	12%	2%
	Other stimulants	0%	18%	9%	45%	27%	0%
MB	Cocaine	n/a	n/a	n/a	n/a	n/a	n/a
	Methamphetamine	n/a	n/a	n/a	n/a	n/a	n/a
	Other stimulants	n/a	n/a	n/a	n/a	n/a	n/a
ON	Cocaine	2%	16%	28%	24%	24%	7%
	Methamphetamine	1%	20%	32%	26%	17%	4%
	Other stimulants	9%	21%	28%	14%	23%	5%
QC	Cocaine	1%	18%	15%	18%	34%	15%
	Methamphetamine	n/a	n/a	n/a	n/a	n/a	n/a
	Other stimulants	4%	16%	15%	27%	24%	15%
NS	Cocaine	5%	33%	19%	14%	24%	5%
	Methamphetamine	33%	33%	33%	0%	0%	0%
	Other stimulants	0%	50%	50%	0%	0%	0%
NL	Cocaine	n/a	n/a	n/a	n/a	n/a	n/a
	Methamphetamine	n/a	n/a	n/a	n/a	n/a	n/a
	Other stimulants	n/a	n/a	n/a	n/a	n/a	n/a
NT	Cocaine	n/a	n/a	n/a	n/a	n/a	n/a
	Methamphetamine	n/a	n/a	n/a	n/a	n/a	n/a
	Other stimulants	n/a	n/a	n/a	n/a	n/a	n/a
Canada	Cocaine	1%	16%	26%	23%	25%	9%
	Methamphetamine	1%	18%	29%	25%	20%	7%
	Other stimulants	7%	23%	22%	19%	22%	7%



2019

Province or territory	Type of stimulants	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	Cocaine	1%	18%	25%	20%	24%	12%
	Methamphetamine	2%	17%	27%	24%	23%	7%
	Other stimulants	0%	50%	21%	21%	7%	0%
SK	Cocaine	0%	13%	48%	22%	13%	4%
	Methamphetamine	1%	24%	36%	18%	15%	6%
	Other stimulants	0%	13%	50%	13%	25%	0%
MB	Cocaine	0%	20%	33%	25%	20%	3%
	Methamphetamine	0%	30%	35%	30%	5%	0%
	Other stimulants	25%	0%	50%	25%	0%	0%
ON	Cocaine	1%	16%	28%	21%	23%	10%
	Methamphetamine	1%	20%	31%	22%	20%	6%
	Other stimulants	3%	38%	18%	18%	13%	10%
QC	Cocaine	1%	16%	19%	20%	28%	16%
	Methamphetamine	n/a	n/a	n/a	n/a	n/a	n/a
	Other stimulants	6%	14%	20%	18%	26%	16%
NS	Cocaine	0%	17%	22%	22%	22%	17%
	Methamphetamine	0%	33%	22%	11%	11%	22%
	Other stimulants	25%	0%	25%	50%	0%	0%
NL	Cocaine	n/a	n/a	n/a	n/a	n/a	n/a
	Methamphetamine	n/a	n/a	n/a	n/a	n/a	n/a
	Other stimulants	n/a	n/a	n/a	n/a	n/a	n/a
NT	Cocaine	n/a	n/a	n/a	n/a	n/a	n/a
	Methamphetamine	n/a	n/a	n/a	n/a	n/a	n/a
	Other stimulants	n/a	n/a	n/a	n/a	n/a	n/a
Canada	Cocaine	1%	17%	27%	21%	23%	11%
	Methamphetamine	2%	20%	30%	23%	19%	6%
	Other stimulants	5%	25%	23%	19%	18%	10%



2020

Province or territory	Type of stimulants	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	Cocaine	0%	15%	20%	27%	26%	11%
	Methamphetamine	2%	16%	25%	25%	23%	10%
	Other stimulants	9%	52%	12%	15%	12%	0%
SK	Cocaine	0%	18%	28%	21%	26%	7%
	Methamphetamine	3%	19%	37%	20%	15%	5%
	Other stimulants	0%	22%	11%	11%	44%	11%
MB	Cocaine	1%	22%	34%	26%	12%	6%
	Methamphetamine	2%	23%	32%	30%	11%	2%
	Other stimulants	3%	23%	33%	26%	12%	3%
ON	Cocaine	1%	15%	26%	24%	24%	9%
	Methamphetamine	1%	17%	33%	23%	21%	4%
	Other stimulants	11%	23%	27%	22%	12%	4%
QC	Cocaine	n/a	n/a	n/a	n/a	n/a	n/a
	Methamphetamine	n/a	n/a	n/a	n/a	n/a	n/a
	Other stimulants	n/a	n/a	n/a	n/a	n/a	n/a
NS	Cocaine	0%	22%	19%	22%	22%	15%
	Methamphetamine	0%	0%	0%	0%	0%	0%
	Other stimulants	14%	29%	14%	14%	29%	0%
NL	Cocaine	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Methamphetamine	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Other stimulants	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NT	Cocaine	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Methamphetamine	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Other stimulants	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Cocaine	1%	16%	26%	25%	23%	9%
	Methamphetamine	2%	18%	31%	24%	20%	6%
	Other stimulants	5%	26%	29%	23%	13%	3%



2021

Province or territory	Type of stimulants	Age group					
		0 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 or more
BC	Cocaine	2%	13%	17%	22%	29%	18%
	Methamphetamine	2%	13%	28%	22%	22%	13%
	Other stimulants	0%	20%	30%	20%	20%	10%
SK	Cocaine	0%	26%	29%	12%	26%	7%
	Methamphetamine	1%	22%	29%	25%	18%	5%
	Other stimulants	10%	10%	30%	40%	10%	0%
MB	Cocaine	n/a	n/a	n/a	n/a	n/a	n/a
	Methamphetamine	n/a	n/a	n/a	n/a	n/a	n/a
	Other stimulants	n/a	n/a	n/a	n/a	n/a	n/a
ON	Cocaine	1%	15%	28%	24%	23%	8%
	Methamphetamine	1%	18%	31%	26%	18%	6%
	Other stimulants	2%	19%	35%	12%	23%	9%
QC	Cocaine	n/a	n/a	n/a	n/a	n/a	n/a
	Methamphetamine	n/a	n/a	n/a	n/a	n/a	n/a
	Other stimulants	n/a	n/a	n/a	n/a	n/a	n/a
NS	Cocaine	0%	37%	27%	10%	17%	10%
	Methamphetamine	0%	22%	33%	0%	33%	11%
	Other stimulants	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NL	Cocaine	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Methamphetamine	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Other stimulants	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
NT	Cocaine	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Methamphetamine	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
	Other stimulants	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Cocaine	1%	16%	27%	23%	24%	10%
	Methamphetamine	1%	18%	31%	25%	19%	7%
	Other stimulants	3%	18%	34%	17%	21%	8%

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Note(s):

Apparent stimulant toxicity death (ASTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is a stimulant, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.

Table 17. Percentage of accidental opioid toxicity deaths by type of opioids and origin of opioid(s), by province or territory, 2018 to 2021

2018

Province or territory	Type of opioids	Origin			
		Pharmaceutical only	Non-pharmaceutical only	Both	Undetermined
BC	Fentanyl	0%	100%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	0%	0%	0%	100%
AB	Fentanyl	0%	100%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	56%	22%	4%	18%
SK	Fentanyl	13%	87%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	87%	9%	0%	4%
MB	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
ON	Fentanyl	3%	97%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	65%	23%	5%	6%
QC	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
NB	Fentanyl	0%	100%	0%	0%
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	100%	0%	0%	0%
NS	Fentanyl	14%	86%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	94%	2%	4%	0%
PE	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
NL	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
YT	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
NT	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
NU	Fentanyl	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Fentanyl	2%	98%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	67%	20%	4%	8%



2019

Province or territory	Type of opioids	Origin			
		Pharmaceutical only	Non-pharmaceutical only	Both	Undetermined
BC	Fentanyl	0%	100%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	0%	0%	0%	100%
AB	Fentanyl	0%	100%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	53%	24%	2%	21%
SK	Fentanyl	5%	90%	3%	3%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	90%	4%	0%	6%
MB	Fentanyl	3%	97%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	76%	10%	3%	10%
ON	Fentanyl	3%	98%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	74%	16%	4%	6%
QC	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
NB	Fentanyl	20%	80%	0%	0%
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	92%	4%	0%	4%
NS	Fentanyl	33%	67%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	100%	0%	0%	0%
PE	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
NL	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
YT	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
NT	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
NU	Fentanyl	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Fentanyl	2%	98%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	72%	15%	3%	9%



2020

Province or territory	Type of opioids	Origin			
		Pharmaceutical only	Non-pharmaceutical only	Both	Undetermined
BC	Fentanyl	0%	100%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	0%	0%	0%	100%
AB	Fentanyl	0%	100%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	48%	18%	4%	30%
SK	Fentanyl	1%	99%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	80%	5%	2%	13%
MB	Fentanyl	1%	59%	0%	39%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	17%	27%	1%	55%
ON	Fentanyl	1%	99%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	78%	12%	4%	6%
QC	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
NB	Fentanyl	0%	100%	0%	0%
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	91%	0%	0%	9%
NS	Fentanyl	20%	80%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	100%	0%	0%	0%
PE	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
NL	Fentanyl	25%	75%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	100%	0%	0%	0%
YT	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
NT	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
NU	Fentanyl	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Fentanyl	1%	97%	0%	2%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	67%	13%	3%	17%



2021

Province or territory	Type of opioids	Origin			
		Pharmaceutical only	Non-pharmaceutical only	Both	Undetermined
BC	Fentanyl	0%	100%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	0%	0%	0%	100%
AB	Fentanyl	0%	100%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	34%	18%	2%	46%
SK	Fentanyl	0%	100%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	87%	4%	0%	10%
MB	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
ON	Fentanyl	0%	100%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	83%	8%	4%	5%
QC	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
NB	Fentanyl	0%	100%	0%	0%
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	93%	0%	0%	7%
NS	Fentanyl	0%	100%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	100%	0%	0%	0%
PE	Fentanyl	0%	0%	0%	0%
	Fentanyl analogues	0%	0%	0%	0%
	Non-fentanyl opioids	56%	0%	0%	44%



Province or territory	Type of opioids	Origin			
		Pharmaceutical only	Non-pharmaceutical only	Both	Undetermined
NL	Fentanyl	0%	17%	0%	83%
	Fentanyl analogues	0%	0%	0%	0%
	Non-fentanyl opioids	12%	0%	0%	88%
YT	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
NT	Fentanyl	n/a	n/a	n/a	n/a
	Fentanyl analogues	n/a	n/a	n/a	n/a
	Non-fentanyl opioids	n/a	n/a	n/a	n/a
NU	Fentanyl	Suppr.	Suppr.	Suppr.	Suppr.
	Fentanyl analogues	Suppr.	Suppr.	Suppr.	Suppr.
	Non-fentanyl opioids	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Fentanyl	0%	100%	0%	0%
	Fentanyl analogues	0%	100%	0%	0%
	Non-fentanyl opioids	71%	9%	3%	17%

Only applies to deaths with completed investigations.

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.



Table 18. Percentage of accidental opioid toxicity deaths by sex and origin of opioid(s), by province or territory, 2018 to 2021

2018

Province or territory	Sex	Origin			
		Pharmaceutical only	Non-pharmaceutical only	Both	Undetermined
BC	Female	0%	55%	0%	45%
	Male	0%	63%	0%	37%
AB	Female	28%	65%	1%	7%
	Male	11%	83%	1%	4%
SK	Female	77%	17%	4%	2%
	Male	45%	48%	4%	3%
MB	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
ON	Female	31%	59%	6%	3%
	Male	20%	67%	11%	3%
QC	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
NB	Female	100%	0%	0%	0%
	Male	90%	0%	10%	0%
NS	Female	81%	6%	13%	0%
	Male	88%	6%	6%	0%
PE	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
NL	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
YT	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
NT	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
NU	Female	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Female	36%	55%	5%	4%
	Male	20%	70%	7%	3%



2019

Province or territory	Sex	Origin			
		Pharmaceutical only	Non-pharmaceutical only	Both	Undetermined
BC	Female	1%	57%	0%	43%
	Male	0%	71%	0%	29%
AB	Female	24%	66%	0%	10%
	Male	13%	81%	1%	5%
SK	Female	69%	26%	3%	3%
	Male	54%	33%	6%	7%
MB	Female	71%	24%	0%	6%
	Male	24%	65%	5%	5%
ON	Female	29%	57%	10%	4%
	Male	14%	72%	12%	2%
QC	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
NB	Female	100%	0%	0%	0%
	Male	62%	23%	8%	8%
NS	Female	100%	0%	0%	0%
	Male	90%	6%	3%	0%
PE	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
NL	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
YT	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
NT	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
NU	Female	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Female	34%	54%	6%	6%
	Male	18%	71%	8%	3%



2020

Province or territory	Sex	Origin			
		Pharmaceutical only	Non-pharmaceutical only	Both	Undetermined
BC	Female	0%	69%	0%	31%
	Male	0%	79%	0%	21%
AB	Female	17%	74%	1%	7%
	Male	7%	86%	1%	6%
SK	Female	43%	40%	9%	8%
	Male	26%	59%	8%	6%
MB	Female	5%	42%	3%	49%
	Male	8%	44%	1%	47%
ON	Female	18%	68%	13%	2%
	Male	8%	81%	9%	1%
QC	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
NB	Female	76%	6%	0%	18%
	Male	85%	15%	0%	0%
NS	Female	100%	0%	0%	0%
	Male	70%	19%	11%	0%
PE	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
NL	Female	75%	25%	0%	0%
	Male	85%	15%	0%	0%
YT	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
NT	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
NU	Female	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Female	21%	63%	8%	8%
	Male	10%	78%	6%	5%



Province or territory	Sex	Origin			
		Pharmaceutical only	Non-pharmaceutical only	Both	Undetermined
BC	Female	0%	73%	0%	27%
	Male	0%	82%	0%	18%
AB	Female	9%	84%	1%	6%
	Male	4%	89%	0%	8%
SK	Female	27%	63%	10%	0%
	Male	9%	73%	13%	4%
MB	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
ON	Female	10%	76%	12%	2%
	Male	6%	83%	11%	1%
QC	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
NB	Female	71%	14%	0%	14%
	Male	90%	10%	0%	0%
NS	Female	100%	0%	0%	0%
	Male	70%	30%	0%	0%
PE	Female	67%	0%	0%	33%
	Male	50%	0%	0%	50%
NL	Female	14%	0%	0%	86%
	Male	7%	7%	0%	86%
YT	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
NT	Female	n/a	n/a	n/a	n/a
	Male	n/a	n/a	n/a	n/a
NU	Female	Suppr.	Suppr.	Suppr.	Suppr.
	Male	Suppr.	Suppr.	Suppr.	Suppr.
Canada	Female	12%	76%	8%	4%
	Male	6%	83%	7%	3%

Only applies to deaths with completed investigations.

Suppressed (Suppr.) Data may be suppressed in provinces or territories with low numbers of cases.

Not available (n/a) Data were not available at the time of this publication.

Note(s):

Apparent opioid toxicity death (AOTD): A death caused by intoxication/toxicity (poisoning) resulting from substance use, where one or more of the substances is an opioid, regardless of how it was obtained (e.g. illegally or through personal prescription). Other substances may also be involved.

Data on apparent opioid toxicity deaths and stimulant toxicity deaths are not mutually exclusive. A high proportion of deaths involving a stimulant also involved an opioid. Adding up those numbers would result in an overestimation of the burden of opioids and stimulants.