

## Quick Stats Overview

The Suicide Surveillance Indicator Framework (SSIF) provides information on suicide and self-inflicted injury outcomes and its associated risk and protective factors. The SSIF contains a core set of indicators grouped by suicide and self-inflicted injury outcomes and four key domains as listed below. Each indicator has a corresponding measure. For each measure in the SSIF, pan-Canadian estimates are available, along with breakdowns by key demographic and socioeconomic variables.

Indicator Group	Indicator Measure(s)	Latest Data	Source (Year)
<b>Suicide and Self-inflicted Injury Outcomes</b>			
Suicide mortality	Mortality rate due to suicide, total population	12.3 per 100,000	CVSD (2015)
Self-inflicted injuries — hospitalizations	Hospitalization rate associated with self-inflicted injuries (excluding Quebec)	50.2 per 100,000	DAD (2016/2017)
Self-inflicted injuries — emergency department	Emergency department (ED) presentation rate for self-inflicted injuries, Ontario	126.8 per 100,000	NACRS (2016/2017, ON)
	Emergency department (ED) presentation rate for self-inflicted injuries, Alberta	174.1 per 100,000	NACRS (2016/2017, AB)
	Proportion of emergency department (ED) presentations for self-inflicted injuries of total eCHIRPP cases among 10- to 24-year-olds	1,564.4 per 100,000	eCHIRPP (1.4.2011-1.3.2018)
Suicidal thoughts	Percentage (%) of the population aged 15+ who report ever having serious thoughts of suicide or taking their own life (lifetime)	11.8%	CCHS (2016)
	Percentage (%) of the population aged 15+ who report having serious thoughts of suicide or taking their own life in past 12 months	2.5%	CCHS (2016)
Suicidal plans	Percentage (%) of the population aged 15+ who report ever making a suicide plan (lifetime)	4.0%	CCHS (2016)
	Percentage (%) of the population aged 15+ who report making a suicide plan in past 12 months	0.7%	CCHS (2016)
Suicidal attempts	Percentage (%) of the population aged 15+ who report ever attempting suicide or to take their own life (lifetime)	3.1%	CCHS (2016)
	Percentage (%) of the population aged 15+ who report attempting suicide or to take their own life in past 12 months	0.4%	CCHS (2016)

Indicator Group	Indicator Measure(s)	Latest Data	Source (Year)
<b>Individual-level Risk and Protective Factors</b>			
Health status	Percentage (%) of the population aged 12+ who self-rate their health as "fair" or "poor"	11.2%	CCHS (2017)
	Percentage (%) of the population aged 12+ who self-rate their mental health as "fair" or "poor"	7.1%	CCHS (2017)
	Percentage (%) of the population aged 12+ with moderate or severe disability, as per the Health Utilities Index (HUI)	21.4%	CCHS (2015)
	Percentage (%) of population aged 12+ with one or more of these major chronic diseases: cancer, diabetes, cardiovascular, and/or respiratory	24.0%	CCHS (2017)
Chronic pain	Percentage (%) of the population aged 12+ who report having pain that prevents "some" or "most" activities	8.3%	CCHS (2015)
Sleep disturbances	Percentage (%) of the population aged 15+ who report having trouble going to sleep or staying asleep "most" or "all" of the time	14.5%	CCHS (2012)
Stress	Percentage (%) of the population aged 12+ who perceive most days as being "quite a bit" or "extremely" stressful	21.7%	CCHS (2017)
Mental illness	Percentage (%) of the population aged 15+ who report symptoms consistent with mood and/or generalized anxiety disorder (GAD) in past 12 months	6.5%	CCHS (2012)
	Percentage (%) of the population aged 15+ who report having been diagnosed with schizophrenia and/or psychosis by a health professional	1.3%	CCHS (2012)
	Percentage (%) of the population aged 15+ who report having been diagnosed with an eating disorder by a health professional	0.4%	CCHS (2012)
	Percentage (%) of the population aged 15+ who report having been diagnosed with posttraumatic stress disorder (PTSD) by a health professional	1.7%	CCHS (2012)
Violence	Percentage (%) of the population aged 15+ who report experiencing, before age 15, at least once: physical and/or sexual abuse by someone 18+ and/or exposure to violence exhibited by parents or guardians	34.1%	GSS (2014)
	Percentage (%) of the population 15+ who report being victim of physical and/or sexual assault in past 12 months	4.1%	GSS (2014)
	Percentage (%) of Grade 6–12 students who report being bullied by other students in past 30 days	25.1%	CSTADS (2014–2015)
Substance use	Percentage (%) of the population aged 15+ whose reported alcohol consumption exceeds Canada's Low-Risk Alcohol-Drinking Guidelines in past 12 months	15.2%	CTADS (2013)
	Percentage (%) of the population aged 15+ who report experiencing at least one harm in past year due to illicit drug use	2.9%	CTADS (2013)
School environment	Percentage (%) of Grade 6-10 students who "agree" or "strongly agree" that they feel they belong at their school	63.2%	HBSC (2013-2014)
Personality	In development		

Indicator Group	Indicator Measure(s)	Latest Data	Source (Year)
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### Family-level Risk and Protective Factors

Family relationship	Percentage (%) of Grade 6-10 students who "agree" or "strongly agree" that they get the emotional help and support they need from own family	64.8%	HBSC (2013-2014)
	Percentage (%) of Grade 6-10 students who "agree" or "strongly agree" having a lot of arguments with their parents	21.7%	HBSC (2013-2014)
	Percentage (%) of Grade 6-10 students who report it is "easy" or "very easy" to talk to their parents about things that really bother them	83.2%	HBSC (2013-2014)
Family mental illness and substance use	a. Percentage (%) of the population aged 15+ with one or more family members who have problems with their emotions, mental health, or use of alcohol or drugs	39.3%	CCHS (2012)
	b. Among those with one or more family members who have problems with their emotions, mental health, or use of alcohol or drugs, percentage (%) who report that their life is affected "some" or "a lot" by their family member's problems	35.2%	CCHS (2012)
Family history of suicide-related behaviour	In development		

### Community-level Risk and Protective Factors

Social support	Percentage (%) of the population aged 15+ who report having no family or close friends to talk to about what is on their mind, feel at ease with, or call on for help	0.6%	GSS (2013)
	Percentage (%) of the population aged 15+ who report being "satisfied" or "very satisfied" with the communication frequency with friends and relatives not living with them	91.2%	GSS (2013)
Sense of community belonging	Percentage (%) of the population aged 12+ who report a "somewhat strong" or "very strong" belonging to their local community	69.3%	CCHS (2017)
Suicide contagion/clusters	In development		

Indicator Group	Indicator Measure(s)	Latest Data	Source (Year)
<b>Societal-level Risk and Protective Factors</b>			
Mental health service access	a. Percentage (%) of the population aged 15+ who perceived a need for mental care in past 12 months	17.7%	CCHS (2012)
	b. Among those who perceived a need for mental care in past 12 months, percentage (%) who reported such need was "not met" or only "partially met"	33.2%	CCHS (2012)
Firearm possession	Percentage (%) of the population aged 18+ possessing an individual firearm license as of December 2016	7.3%	RCMP (2016)
Mental health literacy	In development		
Media reporting guidelines (adherence to)	In development		
Stigma	In development		
Poisoning control	In development		

## Notes

- **Abbreviations:**
  - **Sources:** CCHS, Canadian Community Health Survey; CSTADS, Canadian Student Tobacco, Alcohol and Drugs Survey; CTADS, Canadian Tobacco, Alcohol and Drugs Survey; CVSD, Canadian Vital Statistics–Death Database; DAD, Discharge Abstract Database; eCHIRPP, electronic Canadian Hospitals Injury Reporting and Prevention Program; GSS, General Social Survey; HBSC, Health Behaviour in School-Aged Children; NACRS, National Ambulatory Care Reporting System; RCMP, Royal Canadian Mounted Police.
  - **Other:** HUI, Health Utilities Index.
  - **"In development":** measures whose data source is currently not available or for which more research is needed to identify a promising measure and data source.
- **Suggested Citation:** Public Health Agency of Canada, Centre for Surveillance and Applied Research (2019). Suicide Surveillance Indicator Framework Quick Statistics, Canada, 2019 Edition. Ottawa (ON): Public Health Agency of Canada.
- **For questions or comments, please contact us at:** [phac.infobase.aspc@canada.ca](mailto:phac.infobase.aspc@canada.ca)