

Burden of Health Conditions Attributable to Smoking and Alcohol by Public Health Unit in Ontario

Appendix A: Estimates

FEBRUARY 2023

The full report can be found at: ontariohealth.ca/smoking-alcohol

COVID-19 Pandemic

- An examination of the impact of COVID-19 on smoking and alcohol attributable harms was not possible in this report because data were only available up to 2019 at the time of analysis.
- When data become available, future research is warranted on the substantial impact of the COVID-19 pandemic on chronic disease prevention and health outcomes.

Smoking

Population attributable fractions were calculated for each outcome and disease site using the following estimates:

- prevalence of smoking (current and former smoking)
- the disease-specific relative risk (for current versus never smoking and former versus never smoking)
- and the total number of each health condition outcome

The calculation uses age- and sex-specific prevalence estimates and relative risks to calculate estimates that are age- and sex-specific.

Notes for the smoking estimates

Data sources: Smoking prevalence from Canadian Community Health Survey cycles 2015 to 2017 (Statistics Canada). Deaths from Vital Statistics – Death, 2014 to 2018, Office of the Registrar General. Hospitalizations from Discharge Abstract Database 2015 to 2019, Ontario Ministry of Health, IntelliHEALTH ONTARIO, Extracted November 2021. Emergency department visits from National Ambulatory Care Reporting System 2015 to 2019, Ontario Ministry of Health, IntelliHEALTH ONTARIO, Extracted November 2021.

Data notes: The most recent five years of data available were used to calculate the average annual total number of deaths, hospitalizations and emergency department visits for each health outcome.

Cause of death based on primary cause. Hospitalizations based on main diagnosis code.

Emergency department visits based on primary diagnosis.

Due to rounding, the total count may differ slightly from the sum of all the individual categories.

Harms from all causes are calculated using a denominator of all harms in Ontario (i.e., includes harms due to diseases, conditions and causes not included in the report).

Smoking population attributable fractions and data presented by sex are in the supplementary tables.

Alcohol

Population attributable fractions were calculated for each outcome and disease site using the following estimates:

- prevalence of current drinking, former drinking and lifetime abstinence
- prevalence of binge drinking
- relative average alcoholic drinks per week (for different age and sex subgroups compared to a reference subgroup)
- per capita consumption from sales data, tourist consumption and unrecorded consumption
- and the total number of each health condition outcome

The calculation uses age- and sex-specific prevalence estimates and relative risks to calculate estimates that are age- and sex-specific.

Notes for the alcohol estimates

Data sources: Alcohol consumption from Canadian Community Health Survey cycles 2015 to 2017 (Statistics Canada), Statistics Canada's alcohol sales data (2014 to 2020) and World Health Organization data on tourist and unrecorded consumption (2019). Deaths from Vital Statistics – Death, 2014 to 2018, Office of the Registrar General. Hospitalizations from Discharge Abstract Database 2015 to 2019, Ontario Ministry of Health, IntelliHEALTH ONTARIO, Extracted November 2021 and Ontario Mental Health Reporting System 2014 to 2018, Ontario Ministry of Health, IntelliHEALTH ONTARIO, Extracted November 2021. Emergency department visits from National Ambulatory Care Reporting System 2015 to 2019, Ontario Ministry of Health, IntelliHEALTH ONTARIO, Extracted November 2021.

Data notes: The most recent five years of data available were used to calculate the average annual total number of deaths, hospitalizations and emergency department visits for each health outcome. Cause of death based on primary cause. Hospitalizations for all non-injury diagnoses based on main diagnosis code. Hospitalizations for injury diagnoses based on prioritization scheme outlined in technical appendix. Emergency department visits for all non-injury diagnoses based on primary diagnosis. Emergency department visits for injury diagnoses based on prioritization scheme outlined in technical appendix.

Due to rounding, the total count may differ slightly from the sum of all the individual categories.

Negative numbers indicate protective effects and therefore represent the estimated number of deaths or hospitalizations or emergency department visits that were prevented in an average year over the five-year timespan shown.

Harms from all causes are calculated using a denominator of all harms in Ontario (i.e., includes harms due to diseases, conditions and causes not included in the report).

Alcohol population attributable fractions and data presented by sex are in the supplementary tables.

Ontario: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Ontario

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	16,673	7,583	5,122	158	3,810
Hospitalizations	68,046	8,469	30,811	661	28,105
Emergency department visits	125,384	3,718	33,395	1,384	86,887

Ontario: Smoking Summary

In an average year, an estimated:

- **16,673 deaths**
- **68,046 hospitalizations**
- **125,384 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **17.0% of deaths**
- **8.7% of hospitalizations**
- **3.4% of emergency department visits**

from all causes in people age 35 and older in Ontario

Ontario: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Ontario

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	4,330	1,204	934	126	865	-67	329	306	87	545
Hospitalizations	22,009	2,071	-2,263	1,282	4,709	-285	8,379	1,250	672	6,194
Emergency department visits	194,692	613	2,528	5,559	5,435	-927	57,536	9,112	9,391	105,446

Ontario: Alcohol Summary

In an average year, an estimated:

- **4,330 deaths**
- **22,009 hospitalizations**
- **194,692 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.3% of deaths**
- **2.1% of hospitalizations**
- **3.7% of emergency department visits**

from all causes in people age 15 and older in Ontario

Smoking and alcohol estimates

Public health units
<u>Algoma</u>
<u>Brant County</u>
<u>Chatham-Kent</u>
<u>Durham Region</u>
<u>Eastern Ontario</u>
<u>Grey Bruce</u>
<u>Haldimand-Norfolk</u>
<u>Haliburton, Kawartha, Pine Ridge District</u>

Smoking and alcohol estimates

Public health units
<u>Halton Region</u>
<u>Hamilton</u>
<u>Hastings Prince Edward</u>
<u>Huron Perth</u>
<u>Kingston, Frontenac and Lennox & Addington</u>
<u>Lambton</u>
<u>Leeds, Grenville and Lanark District</u>
<u>Middlesex-London</u>

Smoking and alcohol estimates

Public health units
<u>Niagara Region</u>
<u>North Bay Parry Sound District</u>
<u>Northwestern</u>
<u>Ottawa</u>
<u>Peel</u>
<u>Peterborough</u>
<u>Porcupine</u>
<u>Renfrew County and District</u>
<u>Simcoe Muskoka District</u>

Smoking and alcohol estimates

Public health units
<u>Southwestern</u>
<u>Sudbury and Districts</u>
<u>Thunder Bay District</u>
<u>Timiskaming</u>
<u>Toronto</u>
<u>Waterloo Region</u>
<u>Wellington-Dufferin-Guelph</u>
<u>Windsor-Essex County</u>
<u>York Region</u>

Algoma: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Algoma

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	251	106	78	2	64
Hospitalizations	1,050	128	487	11	424
Emergency department visits	2,567	87	532	29	1,919

Algoma: Smoking Summary

In an average year, an estimated:

- **251 deaths**
- **1,050 hospitalizations**
- **2,567 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **18.6% of deaths**
- **10.3% of hospitalizations**
- **4.1% of emergency department visits**

from all causes in people age 35 and older in Algoma

Algoma: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Algoma

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	57	15	13	2	11	-1	6	3	1	6
Hospitalizations	310	25	-49	13	54	-4	159	20	7	84
Emergency department visits	2,306	10	38	88	63	-22	491	126	97	1,415

Algoma: Alcohol Summary

In an average year, an estimated:

- **57 deaths**
- **310 hospitalizations**
- **2,306 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.1% of deaths**
- **2.4% of hospitalizations**
- **2.7% of emergency department visits**

from all causes in people age 15 and older in Algoma

Brant County: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Brant County

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	232	101	65	2	63
Hospitalizations	1,074	96	435	8	536
Emergency department visits	2,136	42	451	17	1,625

Brant County: Smoking Summary

In an average year, an estimated:

- **232 deaths**
- **1,074 hospitalizations**
- **2,136 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **18.5% of deaths**
- **10.9% of hospitalizations**
- **4.7% of emergency department visits**

from all causes in people age 35 and older in Brant County

Brant County: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Brant County

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	55	15	10	2	14	-1	5	3	1	6
Hospitalizations	289	22	-31	17	58	-6	125	15	11	78
Emergency department visits	2,402	5	26	72	62	-16	584	130	129	1,410

Brant County: Alcohol Summary

In an average year, an estimated:

- **55 deaths**
- **289 hospitalizations**
- **2,402 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.3% of deaths**
- **2.2% of hospitalizations**
- **3.6% of emergency department visits**

from all causes in people age 15 and older in Brant County

Chatham-Kent: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Chatham-Kent

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	220	92	62	2	63
Hospitalizations	766	92	341	6	328
Emergency department visits	1,723	43	381	15	1,283

Chatham-Kent: Smoking Summary

In an average year, an estimated:

- **220 deaths**
- **766 hospitalizations**
- **1,723 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **19.4% of deaths**
- **9.4% of hospitalizations**
- **4.4% of emergency department visits**

from all causes in people age 35 and older in Chatham-Kent

Chatham-Kent: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Chatham-Kent

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	47	13	11	1	10	-1	4	2	1	4
Hospitalizations	168	23	-37	11	42	-2	47	12	10	63
Emergency department visits	1,664	6	14	63	46	-11	255	70	88	1,133

Chatham-Kent: Alcohol Summary

In an average year, an estimated:

- **47 deaths**
- **168 hospitalizations**
- **1,664 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.0% of deaths**
- **1.7% of hospitalizations**
- **3.0% of emergency department visits**

from all causes in people age 15 and older in Chatham-Kent

Durham Region: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Durham Region

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	694	327	197	7	163
Hospitalizations	2,780	333	1,327	26	1,094
Emergency department visits	4,550	157	1,395	58	2,940

Durham Region: Smoking Summary

In an average year, an estimated:

- **694 deaths**
- **2,780 hospitalizations**
- **4,550 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **16.9% of deaths**
- **8.5% of hospitalizations**
- **3.1% of emergency department visits**

from all causes in people age 35 and older in Durham Region

Durham Region: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Durham Region

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	191	52	36	5	44	-3	16	12	4	26
Hospitalizations	800	84	-106	47	201	-11	266	47	27	244
Emergency department visits	7,875	25	126	182	238	-41	1,877	405	509	4,554

Durham Region: Alcohol Summary

In an average year, an estimated:

- **191 deaths**
- **800 hospitalizations**
- **7,875 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.5% of deaths**
- **1.8% of hospitalizations**
- **3.7% of emergency department visits**

from all causes in people age 15 and older in Durham Region

Eastern Ontario: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Eastern Ontario

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	420	199	114	4	102
Hospitalizations	1,784	167	617	17	983
Emergency department visits	3,847	119	832	36	2,859

Eastern Ontario: Smoking Summary

In an average year, an estimated:

- **420 deaths**
- **1,784 hospitalizations**
- **3,847 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **20.5% of deaths**
- **11.6% of hospitalizations**
- **4.8% of emergency department visits**

from all causes in people age 35 and older in Eastern Ontario

Eastern Ontario: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Eastern Ontario

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	82	26	22	2	14	-2	5	5	2	7
Hospitalizations	297	36	-54	26	78	-7	80	16	12	112
Emergency department visits	2,968	16	16	158	97	-23	468	126	141	1,968

Eastern Ontario: Alcohol Summary

In an average year, an estimated:

- **82 deaths**
- **297 hospitalizations**
- **2,968 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **3.9% of deaths**
- **1.5% of hospitalizations**
- **2.7% of emergency department visits**

from all causes in people age 15 and older in Eastern Ontario

Grey Bruce: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Grey Bruce

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	334	149	97	4	85
Hospitalizations	1,225	135	516	11	563
Emergency department visits	4,088	84	641	40	3,322

Grey Bruce: Smoking Summary

In an average year, an estimated:

- **334 deaths**
- **1,225 hospitalizations**
- **4,088 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **18.6% of deaths**
- **8.9% of hospitalizations**
- **4.4% of emergency department visits**

from all causes in people age 35 and older in Grey Bruce

Grey Bruce: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Grey-Bruce

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	73	21	16	2	14	-2	7	5	2	8
Hospitalizations	357	33	-52	22	72	-5	142	18	13	114
Emergency department visits	3,501	10	64	175	81	-20	497	106	138	2,450

Grey Bruce: Alcohol Summary

In an average year, an estimated:

- **73 deaths**
- **357 hospitalizations**
- **3,501 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.0% of deaths**
- **2.1% of hospitalizations**
- **2.7% of emergency department visits**

from all causes in people age 15 and older in Grey-Bruce

Haldimand-Norfolk: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Haldimand-Norfolk

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	201	96	62	2	41
Hospitalizations	763	92	350	7	314
Emergency department visits	1,824	34	365	17	1,408

Haldimand-Norfolk: Smoking Summary

In an average year, an estimated:

- **201 deaths**
- **763 hospitalizations**
- **1,824 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **18.1% of deaths**
- **9.3% of hospitalizations**
- **4.2% of emergency department visits**

from all causes in people age 35 and older in Haldimand-Norfolk

Haldimand-Norfolk: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Haldimand-Norfolk

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	50	12	12	1	11	-1	4	3	2	5
Hospitalizations	209	21	-26	12	46	-2	62	9	12	74
Emergency department visits	2,000	5	25	72	55	-10	318	70	106	1,358

Haldimand-Norfolk: Alcohol Summary

In an average year, an estimated:

- **50 deaths**
- **209 hospitalizations**
- **2,000 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.4% of deaths**
- **2.0% of hospitalizations**
- **3.1% of emergency department visits**

from all causes in people age 15 and older in Haldimand-Norfolk

Haliburton, Kawartha, Pine Ridge District: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Haliburton, Kawartha, Pine Ridge District

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	376	171	103	3	99
Hospitalizations	1,472	154	612	16	689
Emergency department visits	3,529	133	656	31	2,709

Haliburton, Kawartha, Pine Ridge District: Smoking Summary

In an average year, an estimated:

- **376 deaths**
- **1,472 hospitalizations**
- **3,529 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **19.0% of deaths**
- **10.1% of hospitalizations**
- **4.4% of emergency department visits**

from all causes in people age 35 and older in Haliburton, Kawartha, Pine Ridge District

Haliburton, Kawartha, Pine Ridge District: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Haliburton, Kawartha, Pine Ridge District

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	81	22	21	2	15	-1	5	5	2	9
Hospitalizations	324	39	-56	25	78	-4	109	12	12	108
Emergency department visits	3,298	20	49	130	107	-14	526	122	152	2,207

Haliburton, Kawartha, Pine Ridge District: Alcohol Summary

In an average year, an estimated:

- **81 deaths**
- **324 hospitalizations**
- **3,298 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.0% of deaths**
- **1.9% of hospitalizations**
- **3.1% of emergency department visits**

from all causes in people age 15 and older in Haliburton, Kawartha, Pine Ridge District

Halton Region: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Halton Region

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	474	239	135	4	96
Hospitalizations	2,132	306	1,089	16	721
Emergency department visits	2,821	106	978	29	1,708

Halton Region: Smoking Summary

In an average year, an estimated:

- **474 deaths**
- **2,132 hospitalizations**
- **2,821 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **15.0% of deaths**
- **7.8% of hospitalizations**
- **2.7% of emergency department visits**

from all causes in people age 35 and older in Halton Region

Halton Region: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Halton Region

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	125	39	22	4	25	-1	10	9	2	15
Hospitalizations	728	77	-64	43	142	-6	293	30	19	194
Emergency department visits	5,546	18	95	135	136	-19	1,378	232	265	3,306

Halton Region: Alcohol Summary

In an average year, an estimated:

- **125 deaths**
- **728 hospitalizations**
- **5,546 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **3.9% of deaths**
- **2.0% of hospitalizations**
- **3.8% of emergency department visits**

from all causes in people age 15 and older in Halton Region

Hamilton: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Hamilton

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	783	352	240	8	182
Hospitalizations	3,113	369	1,339	27	1,377
Emergency department visits	4,972	93	1,349	52	3,478

Hamilton: Smoking Summary

In an average year, an estimated:

- **783 deaths**
- **3,113 hospitalizations**
- **4,972 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **16.8% of deaths**
- **9.0% of hospitalizations**
- **3.2% of emergency department visits**

from all causes in people age 35 and older in Hamilton

Hamilton: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Hamilton

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	208	57	46	7	40	-4	18	14	3	27
Hospitalizations	1,073	85	-82	61	221	-14	399	69	32	302
Emergency department visits	9,123	18	85	226	222	-41	2,710	494	457	4,953

Hamilton: Alcohol Summary

In an average year, an estimated:

- **208 deaths**
- **1,073 hospitalizations**
- **9,123 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.4% of deaths**
- **2.4% of hospitalizations**
- **4.1% of emergency department visits**

from all causes in people age 15 and older in Hamilton

Hastings Prince Edward: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Hastings Prince Edward

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	353	153	100	4	96
Hospitalizations	1,296	118	483	12	683
Emergency department visits	3,146	73	677	32	2,364

Hastings Prince Edward: Smoking Summary

In an average year, an estimated:

- **353 deaths**
- **1,296 hospitalizations**
- **3,146 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **19.8% of deaths**
- **11.3% of hospitalizations**
- **4.7% of emergency department visits**

from all causes in people age 35 and older in Hastings Prince Edward

Hastings Prince Edward: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Hastings Prince Edward

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	72	21	18	2	15	-1	3	5	2	9
Hospitalizations	275	29	-38	16	72	-4	75	15	10	100
Emergency department visits	2,890	10	24	122	93	-16	472	134	125	1,925

Hastings Prince Edward: Alcohol Summary

In an average year, an estimated:

- **72 deaths**
- **275 hospitalizations**
- **2,890 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.0% of deaths**
- **1.9% of hospitalizations**
- **3.1% of emergency department visits**

from all causes in people age 15 and older in Hastings Prince Edward

Huron Perth: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Huron Perth

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	234	97	72	3	63
Hospitalizations	857	106	357	8	385
Emergency department visits	2,361	55	436	20	1,850

Huron Perth: Smoking Summary

In an average year, an estimated:

- **234 deaths**
- **857 hospitalizations**
- **2,361 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **17.4% of deaths**
- **8.8% of hospitalizations**
- **4.4% of emergency department visits**

from all causes in people age 35 and older in Huron Perth

Huron Perth: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Huron Perth

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	51	15	12	2	10	-1	3	3	2	5
Hospitalizations	248	25	-34	17	40	-1	101	14	10	77
Emergency department visits	2,473	9	28	117	46	-5	334	71	107	1,767

Huron Perth: Alcohol Summary

In an average year, an estimated:

- **51 deaths**
- **248 hospitalizations**
- **2,473 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **3.7% of deaths**
- **1.9% of hospitalizations**
- **3.0% of emergency department visits**

from all causes in people age 15 and older in Huron Perth

Kingston, Frontenac and Lennox & Addington: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Kingston, Frontenac and Lennox & Addington

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	314	144	89	2	78
Hospitalizations	1,207	161	466	11	569
Emergency department visits	2,608	60	659	27	1,862

Kingston, Frontenac and Lennox & Addington: Smoking Summary

In an average year, an estimated:

- **314 deaths**
- **1,207 hospitalizations**
- **2,608 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **17.5% of deaths**
- **9.4% of hospitalizations**
- **3.8% of emergency department visits**

from all causes in people age 35 and older in Kingston, Frontenac and Lennox & Addington

Kingston, Frontenac and Lennox & Addington: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Kingston, Frontenac and Lennox & Addington

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	74	21	15	2	14	-1	4	6	2	11
Hospitalizations	321	37	-40	19	73	-4	114	21	10	90
Emergency department visits	3,738	10	21	119	98	-15	933	165	147	2,262

Kingston, Frontenac and Lennox & Addington: Alcohol Summary

In an average year, an estimated:

- **74 deaths**
- **321 hospitalizations**
- **3,738 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.0% of deaths**
- **1.9% of hospitalizations**
- **3.6% of emergency department visits**

from all causes in people age 15 and older in Kingston, Frontenac and Lennox & Addington

Lambton: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Lambton

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	245	108	72	3	62
Hospitalizations	886	128	351	9	398
Emergency department visits	2,014	50	431	16	1,517

Lambton: Smoking Summary

In an average year, an estimated:

- **245 deaths**
- **886 hospitalizations**
- **2,014 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **18.7% of deaths**
- **8.9% of hospitalizations**
- **3.9% of emergency department visits**

from all causes in people age 35 and older in Lambton

Lambton: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Lambton

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	56	14	14	1	13	-1	3	4	1	7
Hospitalizations	250	31	-27	15	53	-4	85	15	8	75
Emergency department visits	2,247	7	14	98	56	-12	506	94	91	1,393

Lambton: Alcohol Summary

In an average year, an estimated:

- **56 deaths**
- **250 hospitalizations**
- **2,247 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.2% of deaths**
- **2.0% of hospitalizations**
- **3.0% of emergency department visits**

from all causes in people age 15 and older in Lambton

Leeds, Grenville and Lanark District: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Leeds, Grenville and Lanark District

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	331	149	95	4	83
Hospitalizations	1,265	156	543	10	556
Emergency department visits	2,994	81	669	26	2,217

Leeds, Grenville and Lanark District: Smoking Summary

In an average year, an estimated:

- **331 deaths**
- **1,265 hospitalizations**
- **2,994 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **18.7% of deaths**
- **9.5% of hospitalizations**
- **4.1% of emergency department visits**

from all causes in people age 35 and older in Leeds, Grenville and Lanark District

Leeds, Grenville and Lanark District: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Leeds, Grenville and Lanark District

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	72	21	16	2	15	-1	7	4	2	6
Hospitalizations	321	36	-48	17	69	-5	134	13	10	94
Emergency department visits	3,133	12	32	120	71	-12	484	98	122	2,206

Leeds, Grenville and Lanark District: Alcohol Summary

In an average year, an estimated:

- **72 deaths**
- **321 hospitalizations**
- **3,133 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.0% of deaths**
- **2.0% of hospitalizations**
- **3.1% of emergency department visits**

from all causes in people age 15 and older in Leeds, Grenville and Lanark District

Middlesex-London: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Middlesex-London

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	597	267	180	6	143
Hospitalizations	2,082	261	865	23	933
Emergency department visits	3,917	90	1,132	47	2,648

Middlesex-London: Smoking Summary

In an average year, an estimated:

- **597 deaths**
- **2,082 hospitalizations**
- **3,917 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **16.3% of deaths**
- **7.9% of hospitalizations**
- **3.2% of emergency department visits**

from all causes in people age 35 and older in Middlesex-London

Middlesex-London: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Middlesex-London

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	154	42	30	5	33	-2	12	12	3	18
Hospitalizations	842	65	-54	44	167	-9	285	64	30	250
Emergency department visits	6,968	15	68	206	181	-29	1,624	435	392	4,076

Middlesex-London: Alcohol Summary

In an average year, an estimated:

- **154 deaths**
- **842 hospitalizations**
- **6,968 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.1% of deaths**
- **2.4% of hospitalizations**
- **3.8% of emergency department visits**

from all causes in people age 15 and older in Middlesex-London

Niagara Region: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Niagara Region

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	765	346	241	8	170
Hospitalizations	2,867	336	1,381	28	1,122
Emergency department visits	4,990	155	1,354	60	3,422

Niagara Region: Smoking Summary

In an average year, an estimated:

- **765 deaths**
- **2,867 hospitalizations**
- **4,990 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **17.0% of deaths**
- **9.5% of hospitalizations**
- **3.6% of emergency department visits**

from all causes in people age 35 and older in Niagara Region

Niagara Region: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Niagara Region

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	193	52	43	6	43	-3	15	11	2	24
Hospitalizations	788	81	-112	48	212	-10	242	39	27	260
Emergency department visits	7,009	23	95	227	229	-35	1,616	334	328	4,192

Niagara Region: Alcohol Summary

In an average year, an estimated:

- **193 deaths**
- **788 hospitalizations**
- **7,009 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.2% of deaths**
- **2.1% of hospitalizations**
- **3.6% of emergency department visits**

from all causes in people age 15 and older in Niagara Region

North Bay Parry Sound District: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, North Bay Parry Sound District

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	266	122	74	3	68
Hospitalizations	1,170	140	516	11	503
Emergency department visits	2,509	77	529	28	1,874

North Bay Parry Sound District: Smoking Summary

In an average year, an estimated:

- **266 deaths**
- **1,170 hospitalizations**
- **2,509 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **20.2% of deaths**
- **10.0% of hospitalizations**
- **4.3% of emergency department visits**

from all causes in people age 35 and older in North Bay Parry Sound District

North Bay Parry Sound District: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, North Bay Parry Sound District

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	61	15	14	1	14	-1	5	3	1	7
Hospitalizations	326	29	-46	18	72	-5	139	19	7	94
Emergency department visits	2,554	11	45	118	71	-17	558	98	85	1,585

North Bay Parry Sound District: Alcohol Summary

In an average year, an estimated:

- **61 deaths**
- **326 hospitalizations**
- **2,554 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.6% of deaths**
- **2.2% of hospitalizations**
- **3.0% of emergency department visits**

from all causes in people age 15 and older in North Bay Parry Sound District

Northwestern: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Northwestern

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	111	48	34	2	28
Hospitalizations	581	65	260	10	247
Emergency department visits	1,577	33	367	22	1,154

Northwestern: Smoking Summary

In an average year, an estimated:

- **111 deaths**
- **581 hospitalizations**
- **1,577 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **16.9% of deaths**
- **8.6% of hospitalizations**
- **3.5% of emergency department visits**

from all causes in people age 35 and older in Northwestern

Northwestern: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Northwestern

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	37	8	5	1	10	-1	3	2	1	8
Hospitalizations	359	13	-21	15	106	-8	154	35	5	59
Emergency department visits	3,977	5	29	85	159	-28	2,408	253	50	1,017

Northwestern: Alcohol Summary

In an average year, an estimated:

- **37 deaths**
- **359 hospitalizations**
- **3,977 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **5.4% of deaths**
- **3.9% of hospitalizations**
- **5.6% of emergency department visits**

from all causes in people age 15 and older in Northwestern

Ottawa: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Ottawa

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	1,004	472	302	9	222
Hospitalizations	3,573	443	1,561	35	1,534
Emergency department visits	6,234	212	1,977	66	3,979

Ottawa: Smoking Summary

In an average year, an estimated:

- **1,004 deaths**
- **3,573 hospitalizations**
- **6,234 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **16.5% of deaths**
- **7.8% of hospitalizations**
- **3.2% of emergency department visits**

from all causes in people age 35 and older in Ottawa

Ottawa: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Ottawa

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	264	80	59	7	47	-4	22	18	4	29
Hospitalizations	1,267	112	-114	73	230	-11	487	85	34	371
Emergency department visits	11,200	35	169	269	332	-40	3,534	599	488	5,814

Ottawa: Alcohol Summary

In an average year, an estimated:

- **264 deaths**
- **1,267 hospitalizations**
- **11,200 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.2% of deaths**
- **2.1% of hospitalizations**
- **3.9% of emergency department visits**

from all causes in people age 15 and older in Ottawa

Peel: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Peel

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	928	443	313	9	163
Hospitalizations	4,860	617	2,714	54	1,475
Emergency department visits	7,000	260	2,460	90	4,191

Peel: Smoking Summary

In an average year, an estimated:

- **928 deaths**
- **4,860 hospitalizations**
- **7,000 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **15.3% of deaths**
- **7.9% of hospitalizations**
- **2.6% of emergency department visits**

from all causes in people age 35 and older in Peel

Peel: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Peel

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	295	79	62	9	60	-4	19	21	7	40
Hospitalizations	1,730	162	-164	101	419	-24	680	85	57	415
Emergency department visits	14,208	52	275	358	487	-67	4,331	549	997	7,226

Peel: Alcohol Summary

In an average year, an estimated:

- **295 deaths**
- **1,730 hospitalizations**
- **14,208 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.7% of deaths**
- **2.1% of hospitalizations**
- **3.7% of emergency department visits**

from all causes in people age 15 and older in Peel

Peterborough: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Peterborough

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	267	122	73	2	70
Hospitalizations	1,109	100	380	11	619
Emergency department visits	2,123	71	398	20	1,633

Peterborough: Smoking Summary

In an average year, an estimated:

- **267 deaths**
- **1,109 hospitalizations**
- **2,123 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **17.9% of deaths**
- **10.1% of hospitalizations**
- **4.4% of emergency department visits**

from all causes in people age 35 and older in Peterborough

Peterborough: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Peterborough

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	61	17	14	2	13	-1	4	3	1	9
Hospitalizations	310	23	-33	18	68	-3	146	13	8	70
Emergency department visits	2,641	11	35	75	80	-11	725	132	118	1,476

Peterborough: Alcohol Summary

In an average year, an estimated:

- **61 deaths**
- **310 hospitalizations**
- **2,641 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.1% of deaths**
- **2.3% of hospitalizations**
- **3.6% of emergency department visits**

from all causes in people age 15 and older in Peterborough

Porcupine: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Porcupine

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	163	69	48	2	43
Hospitalizations	831	76	378	7	370
Emergency department visits	2,303	45	397	23	1,838

Porcupine: Smoking Summary

In an average year, an estimated:

- **163 deaths**
- **831 hospitalizations**
- **2,303 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **20.4% of deaths**
- **10.7% of hospitalizations**
- **3.7% of emergency department visits**

from all causes in people age 35 and older in Porcupine

Porcupine: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Porcupine

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	34	9	8	1	7	-1	2	3	1	4
Hospitalizations	231	17	-34	11	52	-6	104	17	6	64
Emergency department visits	2,336	7	70	88	65	-26	775	114	67	1,177

Porcupine: Alcohol Summary

In an average year, an estimated:

- **34 deaths**
- **231 hospitalizations**
- **2,336 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.1% of deaths**
- **2.2% of hospitalizations**
- **2.5% of emergency department visits**

from all causes in people age 15 and older in Porcupine

Renfrew County and District: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Renfrew County and District

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	209	96	57	2	53
Hospitalizations	793	98	329	8	359
Emergency department visits	2,137	66	425	20	1,627

Renfrew County and District: Smoking Summary

In an average year, an estimated:

- **209 deaths**
- **793 hospitalizations**
- **2,137 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **19.2% of deaths**
- **9.1% of hospitalizations**
- **3.7% of emergency department visits**

from all causes in people age 35 and older in Renfrew County and District

Renfrew County and District: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Renfrew County and District

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	40	13	9	1	6	-1	3	3	1	4
Hospitalizations	214	21	-30	14	48	-4	83	10	7	65
Emergency department visits	1,928	8	38	98	53	-14	277	49	77	1,342

Renfrew County and District: Alcohol Summary

In an average year, an estimated:

- **40 deaths**
- **214 hospitalizations**
- **1,928 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **3.6% of deaths**
- **1.9% of hospitalizations**
- **2.3% of emergency department visits**

from all causes in people age 15 and older in Renfrew County and District

Simcoe Muskoka District: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Simcoe Muskoka District

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	861	380	251	9	220
Hospitalizations	3,516	383	1,582	32	1,519
Emergency department visits	7,058	201	1,810	66	4,981

Simcoe Muskoka District: Smoking Summary

In an average year, an estimated:

- **861 deaths**
- **3,516 hospitalizations**
- **7,058 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **18.4% of deaths**
- **9.5% of hospitalizations**
- **4.0% of emergency department visits**

from all causes in people age 35 and older in Simcoe Muskoka District

Simcoe Muskoka District: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Simcoe Muskoka District

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	211	58	48	5	44	-3	15	13	5	27
Hospitalizations	1,010	92	-137	57	214	-12	388	69	36	303
Emergency department visits	8,675	32	84	308	236	-41	1,909	426	447	5,273

Simcoe Muskoka District: Alcohol Summary

In an average year, an estimated:

- **211 deaths**
- **1,010 hospitalizations**
- **8,675 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.4% of deaths**
- **2.1% of hospitalizations**
- **3.4% of emergency department visits**

from all causes in people age 15 and older in Simcoe Muskoka District

Southwestern: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Southwestern

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	334	144	106	3	80
Hospitalizations	1,415	168	577	13	656
Emergency department visits	3,181	53	647	27	2,454

Southwestern: Smoking Summary

In an average year, an estimated:

- **334 deaths**
- **1,415 hospitalizations**
- **3,181 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **18.3% of deaths**
- **9.3% of hospitalizations**
- **4.1% of emergency department visits**

from all causes in people age 35 and older in Southwestern

Southwestern: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Southwestern

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	76	21	21	2	13	-2	4	6	2	7
Hospitalizations	388	41	-45	26	95	-6	111	26	16	125
Emergency department visits	3,707	8	34	160	103	-18	549	141	185	2,545

Southwestern: Alcohol Summary

In an average year, an estimated:

- **76 deaths**
- **388 hospitalizations**
- **3,707 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.1% of deaths**
- **2.0% of hospitalizations**
- **3.2% of emergency department visits**

from all causes in people age 15 and older in Southwestern

Sudbury and Districts: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Sudbury and Districts

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	368	165	108	4	91
Hospitalizations	1,540	175	672	11	681
Emergency department visits	2,610	57	644	24	1,885

Sudbury and Districts: Smoking Summary

In an average year, an estimated:

- **368 deaths**
- **1,540 hospitalizations**
- **2,610 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **19.3% of deaths**
- **10.1% of hospitalizations**
- **3.8% of emergency department visits**

from all causes in people age 35 and older in Sudbury and Districts

Sudbury and Districts: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Sudbury and Districts

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	88	22	20	2	18	-2	7	6	2	12
Hospitalizations	454	33	-65	20	88	-6	224	35	11	114
Emergency department visits	3,218	8	31	93	105	-25	950	176	142	1,739

Sudbury and Districts: Alcohol Summary

In an average year, an estimated:

- **88 deaths**
- **454 hospitalizations**
- **3,218 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.5% of deaths**
- **2.3% of hospitalizations**
- **3.3% of emergency department visits**

from all causes in people age 15 and older in Sudbury and Districts

Thunder Bay District: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Thunder Bay District

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	278	114	91	3	70
Hospitalizations	1,295	147	523	12	614
Emergency department visits	2,686	65	626	32	1,963

Thunder Bay District: Smoking Summary

In an average year, an estimated:

- **278 deaths**
- **1,295 hospitalizations**
- **2,686 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **17.5% of deaths**
- **9.4% of hospitalizations**
- **3.6% of emergency department visits**

from all causes in people age 35 and older in Thunder Bay District

Thunder Bay District: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Thunder Bay District

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	85	18	15	2	22	-2	6	7	2	15
Hospitalizations	568	35	-38	28	160	-13	247	39	9	101
Emergency department visits	5,827	10	53	119	219	-41	3,150	316	121	1,881

Thunder Bay District: Alcohol Summary

In an average year, an estimated:

- **85 deaths**
- **568 hospitalizations**
- **5,827 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **5.2% of deaths**
- **3.2% of hospitalizations**
- **5.2% of emergency department visits**

from all causes in people age 15 and older in Thunder Bay District

Timiskaming: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Timiskaming

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	80	36	22	1	22
Hospitalizations	367	42	161	4	160
Emergency department visits	912	21	160	9	721

Timiskaming: Smoking Summary

In an average year, an estimated:

- **80 deaths**
- **367 hospitalizations**
- **912 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **20.8% of deaths**
- **9.5% of hospitalizations**
- **4.1% of emergency department visits**

from all causes in people age 35 and older in Timiskaming

Timiskaming: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Timiskaming

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	15	4	4	0	2	0	1	1	1	2
Hospitalizations	90	7	-14	5	19	-2	35	6	3	30
Emergency department visits	620	2	17	30	18	-5	88	20	23	427

Timiskaming: Alcohol Summary

In an average year, an estimated:

- **15 deaths**
- **90 hospitalizations**
- **620 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **3.9% of deaths**
- **1.9% of hospitalizations**
- **2.0% of emergency department visits**

from all causes in people age 15 and older in Timiskaming

Toronto: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Toronto

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	2,564	1,184	862	20	499
Hospitalizations	11,160	1,588	5,283	127	4,162
Emergency department visits	15,840	578	5,365	233	9,664

Toronto: Smoking Summary

In an average year, an estimated:

- **2,564 deaths**
- **11,160 hospitalizations**
- **15,840 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **14.9% of deaths**
- **7.7% of hospitalizations**
- **2.6% of emergency department visits**

from all causes in people age 35 and older in Toronto

Toronto: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Toronto

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	803	220	171	28	148	-10	62	63	11	112
Hospitalizations	4,469	406	-312	274	826	-61	1,814	225	113	1,183
Emergency department visits	39,419	120	390	817	923	-156	16,928	1,869	1,718	16,809

Toronto: Alcohol Summary

In an average year, an estimated:

- **803 deaths**
- **4,469 hospitalizations**
- **39,419 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.6% of deaths**
- **2.3% of hospitalizations**
- **4.5% of emergency department visits**

from all causes in people age 15 and older in Toronto

Waterloo Region: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Waterloo Region

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	588	262	190	5	131
Hospitalizations	2,117	277	967	19	854
Emergency department visits	3,428	109	1,069	38	2,211

Waterloo Region: Smoking Summary

In an average year, an estimated:

- **588 deaths**
- **2,117 hospitalizations**
- **3,428 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **16.6% of deaths**
- **8.3% of hospitalizations**
- **3.2% of emergency department visits**

from all causes in people age 35 and older in Waterloo Region

Waterloo Region: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Waterloo Region

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	155	42	32	4	28	-3	15	13	3	20
Hospitalizations	786	72	-77	40	161	-8	310	54	26	209
Emergency department visits	6,203	19	78	161	165	-27	1,708	348	319	3,432

Waterloo Region: Alcohol Summary

In an average year, an estimated:

- **155 deaths**
- **786 hospitalizations**
- **6,203 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.3% of deaths**
- **2.2% of hospitalizations**
- **3.9% of emergency department visits**

from all causes in people age 15 and older in Waterloo Region

Wellington-Dufferin-Guelph: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Wellington-Dufferin-Guelph

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	360	160	106	3	91
Hospitalizations	1,580	177	684	14	705
Emergency department visits	2,964	73	690	26	2,176

Wellington-Dufferin-Guelph: Smoking Summary

In an average year, an estimated:

- **360 deaths**
- **1,580 hospitalizations**
- **2,964 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **17.3% of deaths**
- **9.2% of hospitalizations**
- **3.8% of emergency department visits**

from all causes in people age 35 and older in Wellington-Dufferin-Guelph

Wellington-Dufferin-Guelph: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Wellington-Dufferin-Guelph

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	88	26	14	3	19	-2	10	6	3	9
Hospitalizations	540	42	-58	29	91	-4	253	27	17	144
Emergency department visits	4,709	11	51	131	98	-17	1,147	188	219	2,881

Wellington-Dufferin-Guelph: Alcohol Summary

In an average year, an estimated:

- **88 deaths**
- **540 hospitalizations**
- **4,709 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.1% of deaths**
- **2.4% of hospitalizations**
- **4.0% of emergency department visits**

from all causes in people age 15 and older in Wellington-Dufferin-Guelph

Windsor-Essex County: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, Windsor-Essex County

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	646	271	219	5	152
Hospitalizations	2,156	277	933	15	931
Emergency department visits	3,421	138	1,059	43	2,181

Windsor-Essex County: Smoking Summary

In an average year, an estimated:

- **646 deaths**
- **2,156 hospitalizations**
- **3,421 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **19.1% of deaths**
- **9.1% of hospitalizations**
- **3.7% of emergency department visits**

from all causes in people age 35 and older in Windsor-Essex County

Windsor-Essex County: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, Windsor-Essex County

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	142	43	24	4	35	-2	9	9	3	17
Hospitalizations	560	67	-81	32	156	-5	160	30	22	180
Emergency department visits	4,395	21	94	92	157	-24	1,358	249	251	2,197

Windsor-Essex County : Alcohol Summary

In an average year, an estimated:

- **142 deaths**
- **560 hospitalizations**
- **4,395 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.1% of deaths**
- **1.8% of hospitalizations**
- **3.4% of emergency department visits**

from all causes in people age 15 and older in Windsor-Essex County

York Region: Smoking

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to smoking in people age 35 and older, York Region

	Total smoking attributable health conditions	Cancer	Cardiovascular	Diabetes	Respiratory
Deaths	782	383	248	6	145
Hospitalizations	3,365	559	1,733	31	1,043
Emergency department visits	5,314	192	1,836	63	3,223

York Region: Smoking Summary

In an average year, an estimated:

- **782 deaths**
- **3,365 hospitalizations**
- **5,314 emergency department visits**

were attributable to smoking in people age 35 and older

These smoking attributable outcomes made up:

- **15.1% of deaths**
- **7.0% of hospitalizations**
- **2.6% of emergency department visits**

from all causes in people age 35 and older in York Region

York Region: Alcohol

Estimates of average annual deaths, hospitalizations and emergency department visits from health conditions attributable to alcohol in people age 15 and older, York Region

	Total alcohol attributable health conditions	Cancer	Cardio-vascular	Communicable disease	Digestive condition	Endocrine condition	Neuro-psychiatric	Intentional injury	Motor vehicle collision	Unintentional injury
Deaths	210	67	51	7	35	-3	9	15	4	24
Hospitalizations	1,091	151	-82	73	223	-10	305	46	36	348
Emergency department visits	9,968	35	216	253	285	-33	2,068	373	692	6,078

York Region: Alcohol Summary

In an average year, an estimated:

- **210 deaths**
- **1,091 hospitalizations**
- **9,968 emergency department visits**

were attributable to alcohol in people age 15 and older

These alcohol attributable outcomes made up:

- **4.0% of deaths**
- **1.7% of hospitalizations**
- **3.4% of emergency department visits**

from all causes in people age 15 and older in York Region