


Appendix A

Opioid ED Visits by Municipality – Simcoe Muskoka



simcoe muskoka
DISTRICT HEALTH UNIT

Opioid Overdose Emergency Department Visits, Simcoe Muskoka Residents Visiting Any Ontario Hospital, 2019 (January - December)

Geographic Area	Count of Opioid Overdose Visits	Crude Rate (per 100,000)	Significantly Different SMDHU	Significantly Different Ontario
Ontario	10,478	71.9	Lower	N/A
Simcoe Muskoka	609	102.4	N/A	Higher
Muskoka	38	57.3	Lower	
Simcoe County	571	108.1		Higher
Simcoe Muskoka Municipalities				
ORILLIA	71	212.2	Higher	Higher
MIDLAND	33	184.0	Higher	Higher
BARRIE ^A	272	182.2	Higher	Higher
TAY	14	126.5		
PENETANGUISHENE ^{AA}	10	103.2		
CLEARVIEW	14	94.7		
COLLINGWOOD	20	83.4		
GRAVENHURST	11	83.0		
ESSA	18	75.3		
WASAGA BEACH	17	73.9		
SEVERN	11	73.5		
BRACEBRIDGE	12	68.8		
ORO-MEDONTE	16	68.7		
INNISFIL	23	56.5	Lower	
HUNTSVILLE	11	51.1	Lower	
NEW TECUMSETH	16	38.6	Lower	Lower
BRADFORD W GWILLIM.	16	37.2	Lower	Lower
SPRINGWATER	8	NR	N/A	N/A
ADJALA-TOSORONTIO	5	NR	N/A	N/A
GEORGIAN BAY	<5	NR	N/A	N/A
RAMARA	<5	NR	N/A	N/A
MUSKOKA LAKES	<5	NR	N/A	N/A
LAKE OF BAYS	0	N/A	N/A	N/A
TINY	0	N/A	N/A	N/A

NR: Not released; N/A: Not applicable
^AIncludes 55 visits among those identified as homeless but living in Barrie.
^{AA}Includes 7 visits for patients transferred to/from the Central North Correctional Centre

Data Source: Ambulatory Visits [2019], IntelliHealth Ontario, Ministry of Health and Long-Term Care, extracted on October 1, 2020. Population Estimates [2019] Statistics Canada (Table 1 Annual population estimates by age and sex, July 1, 2006 to 2019, Census Subdivisions, Ontario).

Definition: unscheduled emergency department visits where opioid poisoning was recorded as main or other problem. Unconfirmed diagnoses are excluded. Residents of Simcoe Muskoka visiting any hospital in Ontario from January 1st, 2019 up to and including December 31st, 2019. Statistical significance in the rates were based on non-overlapping 95% confidence intervals.

Produced by John Barbaro, Epidemiologist, PHASE (Population Health Assessment Surveillance and Evaluation) Team.
 Updated October 2, 2020.

Opioid ED Visits by Large Municipalities - Ontario



Opioid Overdose Emergency Department Visits, Residents of Large Municipalities (100,000+) Visiting Any Ontario Hospital, 2019 (January – December)

Municipality	2019 Population Estimate	2019 (Jan-Dec) Count of Opioid Overdose Visits	2019 (Jan-Dec) Crude Rate (per 100,000)	95% Confidence Interval for the Crude Rate (per 100,000)
ST. CATHARINES	141,294	280	198.2	175.6 - 222.8
OSHAWA	175,220	322	183.8	164.2 - 205.0
BARRIE	149,302	272	182.2	161.2 - 205.2
GREATER SUDBURY	168,813	298	176.5	157.1 - 197.8
BRANTFORD	104,902	173	164.9	141.3 - 191.4
THUNDER BAY	112,740	155	137.5	116.7 - 160.9
KINGSTON	135,204	176	130.2	111.7 - 150.9
HAMILTON	585,595	761	130	120.9 - 139.5
LONDON	426,139	519	121.8	111.5 - 132.7
CAMBRIDGE	139,996	167	119.3	101.9 - 138.8
GUELPH	143,169	153	106.9	90.6 - 125.2
KITCHENER	263,790	249	94.4	83.0 - 106.9
WINDSOR	234,048	217	92.7	80.8 - 105.9
CHATHAM-KENT	105,666	85	80.4	64.3 - 99.5
TORONTO	2,965,713	2029	68.4	65.5 - 71.5
CLARINGTON	100,562	63	62.6	48.1 - 80.2
MILTON	129,334	68	52.6	40.8 - 66.7
WHITBY	136,594	72	52.7	41.2 - 66.4
WATERLOO	119,869	56	46.7	35.3 - 60.7
OTTAWA	1,028,514	448	43.6	39.6 - 47.8
MISSISSAUGA	769,050	309	40.2	35.8 - 44.9
BRAMPTON	696,975	250	35.9	31.6 - 40.6
BURLINGTON	190,194	70	36.8	28.7 - 46.5
OAKVILLE	212,551	74	34.8	27.3 - 43.7
AJAX	129,490	34	26.3	18.2 - 36.7
VAUGHAN	325,678	67	20.6	15.9 - 26.1
RICHMOND HILL	203,996	41	20.1	14.4 - 27.3
MARKHAM	343,698	41	11.9	8.6 - 16.2
ONTARIO	14,566,547	10,478	71.9	70.6 – 73.3

Data Source: Ambulatory Visits [2019], IntelliHealth Ontario, Ministry of Health and Long-Term Care, extracted on October 1, 2020. Population Estimates [2019] Statistics Canada (Table 1 Annual population estimates by age and sex, July 1, 2006 to 2019, Census Subdivisions, Ontario).

Definition: unscheduled emergency department visits where opioid poisoning was recorded as main or other problem. Unconfirmed diagnoses are excluded. Residents of the respective Municipalities visiting any hospital in Ontario.

Produced by John Barbaro, Epidemiologist, PHASE (Population Health Assessment Surveillance and Evaluation) Team. October 2, 2020

Opioid Deaths by Municipalities - Simcoe Muskoka

Number of opioid-related deaths by census subdivision in Simcoe Muskoka Region, 2017 -2020 Jan to May

Geography	2017		2018		2019		2017-2019		2020 ^A Deaths (Jan-May)
	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate	
Ontario	1265	9.0 (8.5 - 9.5)	1473	10.3 (9.8 - 10.8)	1509	10.4 (9.8 - 10.9)	4247	9.9 (9.6 - 10.2)	Not Available
SMDHU	80	14.0 (11.1 - 17.5)	76	13.0 (10.3 - 16.3)	88	14.8 (11.9 - 18.2)	244	14.0 (12.3 - 15.8)	40
Simcoe	73	14.4 (11.3 - 18.1)	64	12.4 (9.5 - 15.8)	69	13.1 (10.2 - 16.5)	206	13.5 (11.5 - 15.2)	35
Muskoka	7	11.0 (4.4 - 22.6)	12	18.4 (9.5 - 32.2)	19	28.7 (17.3 - 44.8)	38	19.5 (13.8 - 26.7)	4
Barrie	37	25.4 (17.9 - 35.0)	30	20.5 (13.8 - 29.2)	26	17.4 (11.4 - 25.5)	93	21.1 (17.0 - 25.8)	19
Orillia	9	27.7 (12.7 - 52.6)	11	33.4 (16.7 - 59.8)	10	29.9 (14.3 - 55.0)	30	30.3 (20.5 - 43.3)	2
Collingwood	4	N/A	3	N/A	7	29.2 (11.7 - 60.1)	14	19.9 (10.9 - 33.4)	0
Huntsville	2	N/A	2	N/A	8	37.1 (16.0 - 73.2)	12	19.0 (9.8 - 33.1)	1
Innisfil	2	N/A	6	15.2 (5.6 - 33.2)	3	N/A	11	9.3 (4.6 - 16.6)	1
Gravenhurst	2	N/A	4	N/A	5	37.7 (12.3 - 88.1)	11	27.8 (13.9 - 49.8)	1
Bracebridge	1	N/A	4	N/A	4	N/A	9	17.5 (8.0 - 33.2)	2
Midland	2	N/A	3	N/A	3	N/A	8	14.9 (6.4 - 29.4)	2
New Tecumseth	6	15.9 (5.8 - 34.6)	0	N/A	2	N/A	8	6.7 (2.9 - 13.2)	1
Essa	1	N/A	2	N/A	3	N/A	6	8.6 (3.2 - 18.7)	0
Penetanguishene	2	N/A	1	N/A	3	N/A	6	20.9 (7.7 - 45.4)	1
Wasaga Beach	2	N/A	1	N/A	3	N/A	6	8.9 (3.3 - 19.3)	5
Bradford West Gwillimbury	1	N/A	2	N/A	2	N/A	5	4.0 (1.3 - 9.4)	1
Oro-Medonte	3	N/A	1	N/A	1	N/A	5	7.3 (2.4 - 17.1)	1
Springwater	2	N/A	0	N/A	3	N/A	5	8.1 (2.6 - 18.9)	0
Tiny	1	N/A	2	N/A	1	N/A	4	N/A	0
Lake of Bays	0	N/A	1	N/A	1	N/A	2	N/A	0
Muskoka Lakes	1	N/A	1	N/A	0	N/A	2	N/A	0
Clearview	1	N/A	1	N/A	0	N/A	2	N/A	0
Severn	0	N/A	1	N/A	1	N/A	2	N/A	0
Georgian Bay	1	N/A	0	N/A	1	N/A	2	N/A	0
Adjala-Tosorontio	0	N/A	0	N/A	1	N/A	1	N/A	0
Ramara	0	N/A	0	N/A	0	N/A	0	N/A	2
Tay	0	N/A	0	N/A	0	N/A	0	N/A	1

N/A – Not applicable as rates with small counts are unreliable with very wide confidence intervals.

Source: Office of the Chief Coroner - Data effective Aug 17, 2020

Data notes: -Categorisation of cases to census subdivision was prioritised by the postal code of location of incident, followed by location of death and then location of residence. In situations where there was no specific postal code for incident location (ex. died outdoors), the postal code where the individual died may have been used to categorise the case. Note this is different than the allocation to geographic regions on the Public Health Ontario Interactive Opioid Tool.

-2019 is preliminary and there may be small updates to the 2019 totals in some regions

-2020 includes only confirmed opioid-related acute toxicity deaths from Jan to May and does not include probable cases. There were 44 confirmed and probable opioid deaths in Simcoe Muskoka from January to May, 2020 according to the Office of the Chief Coroner for Ontario as of Aug 17, 2020.