

Asthma-Related Hospitalization Crude Rates (cont'd)

	Asthma-Related Hospitalization Crude Rates (per 100 Asthma Prevalence)																						
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017*	2018*
Public Health Unit																							
Algoma	8.07	8.08	7.95	8.65	8.33	7.93	6.07	4.64	4.41	4.66	4.22	3.54	4.00	4.24	3.81	4.08	4.28	4.71	5.58	4.80	3.86	3.38	3.48
Brant	8.17	7.90	7.52	6.60	5.87	5.76	4.42	4.29	3.70	3.43	3.48	3.09	2.97	3.23	2.97	2.66	3.07	2.71	3.26	3.09	2.97	2.85	2.95
Durham	3.83	3.61	3.59	3.60	3.35	3.44	2.71	2.33	2.32	2.21	2.17	2.15	2.19	2.16	2.00	2.19	2.05	2.08	2.28	2.17	2.14	2.09	1.88
Elgin-St Thomas	9.56	8.00	7.67	7.49	6.75	6.19	4.53	4.23	3.63	3.28	3.00	3.06	2.94	2.92	3.11	2.56	3.06	3.41	3.41	3.55	3.73	4.17	3.71
Grey-Bruce	8.13	7.78	6.89	6.58	6.43	5.87	4.80	4.60	4.36	3.65	3.68	3.17	3.21	3.36	2.98	2.86	3.35	2.98	3.29	3.02	3.53	3.33	3.08
Haldimand-Norfolk	7.18	7.14	7.32	6.86	6.93	6.67	5.59	5.09	4.87	4.73	4.41	4.52	4.09	3.92	4.12	3.96	3.76	4.15	3.90	3.81	3.34	2.93	2.83
Haliburton Kawartha, Pine Ridge	7.29	7.03	6.78	6.83	5.66	5.92	4.86	4.55	4.24	3.92	3.46	3.27	3.05	3.42	3.19	3.36	3.27	3.29	3.54	3.31	3.34	3.03	3.05
Halton	4.18	4.15	4.12	4.02	4.21	3.88	3.18	2.56	2.54	2.50	2.29	2.17	2.15	2.16	2.15	2.05	2.04	2.02	2.21	1.97	2.03	2.06	1.93
Hamilton	5.24	5.34	5.63	6.29	6.38	5.69	4.26	4.11	4.08	4.05	3.70	3.57	3.60	3.57	3.60	3.66	3.48	3.70	3.48	3.23	3.02	3.04	2.72
Hastings Prince Edward	8.80	7.74	6.74	6.76	6.00	5.92	4.43	4.34	3.87	3.54	3.78	3.02	3.48	3.34	3.39	3.51	3.58	3.61	4.16	4.32	4.02	3.94	3.42
Huron	10.09	9.59	8.24	9.62	8.21	8.69	7.12	5.98	4.88	4.60	4.63	4.07	4.41	4.37	4.64	4.16	4.08	3.55	3.89	3.94	3.50	3.81	3.48
Chatham-Kent	7.09	6.63	6.09	6.18	5.36	5.79	4.49	4.35	4.09	3.65	3.31	3.11	3.24	3.31	3.05	3.02	3.18	3.40	3.77	3.77	3.37	3.06	2.91
Kingston Frontenac, and Lennox and Addington	5.28	4.47	4.81	4.92	4.30	3.59	2.67	2.45	2.38	2.33	2.36	2.23	2.05	2.15	2.35	2.51	2.84	2.48	2.69	2.53	2.71	2.61	2.59
Lambton	6.77	5.73	5.69	5.22	5.26	5.40	4.64	4.43	4.13	4.18	3.81	3.36	2.98	3.19	3.53	4.55	4.40	4.73	4.12	4.03	3.45	3.05	2.68
Leeds, Grenville, Lanark	6.24	5.85	5.70	5.73	5.27	5.62	4.53	4.11	3.78	3.67	3.74	3.47	3.40	3.62	3.25	3.76	3.70	3.14	3.07	3.32	3.21	3.26	3.02
Middlesex-London	3.67	3.80	3.79	3.85	3.54	4.10	3.26	2.90	2.64	2.75	2.35	2.11	2.20	2.32	2.40	2.48	2.70	2.80	2.95	2.84	2.72	2.68	2.71
Niagara	6.20	5.85	5.73	5.77	5.56	5.18	4.39	3.86	3.78	3.38	3.28	3.02	2.94	2.89	3.06	2.96	3.10	2.85	3.04	2.84	2.68	2.82	2.53
North Bay Parry Sound	7.12	6.27	7.44	7.50	6.27	6.57	5.51	5.23	5.06	4.12	3.99	3.94	3.88	4.01	3.92	3.82	3.91	4.51	4.14	3.64	3.58	3.70	2.80
Northwestern	11.01	9.19	9.96	9.50	9.04	8.52	7.95	5.67	6.20	5.46	5.23	4.00	4.90	4.09	3.55	3.50	3.93	3.24	3.31	3.43	3.29	3.13	2.78
Ottawa	3.38	3.37	3.37	3.32	3.26	3.43	2.67	2.50	2.43	2.25	2.22	1.94	1.96	2.00	2.05	2.06	2.13	2.04	2.23	2.00	1.82	1.86	1.70
Oxford	6.62	6.09	5.57	5.98	4.80	5.96	4.50	3.99	3.44	3.16	3.14	3.18	3.10	3.14	3.37	3.00	3.56	3.90	3.76	4.07	3.63	3.41	2.86
Peel	3.69	3.53	3.29	3.28	2.87	2.77	2.24	2.05	1.95	1.75	1.74	1.62	1.72	1.86	1.78	1.79	1.83	1.84	2.02	1.75	1.77	1.83	1.76
Perth	6.22	5.22	5.88	5.13	4.85	4.68	3.62	3.76	3.21	3.07	2.47	2.44	2.42	2.42	2.60	2.55	2.30	2.55	2.66	2.66	2.62	2.74	2.31
Peterborough	7.05	6.01	6.05	5.74	6.02	5.57	5.11	5.02	4.39	3.84	3.83	3.18	3.50	3.56	3.20	2.98	3.05	3.07	3.15	3.08	2.97	3.24	3.28
Porcupine	8.39	5.54	7.62	8.07	7.66	7.02	8.51	7.14	8.32	6.62	6.82	6.20	6.48	6.04	5.59	5.21	5.12	5.42	6.14	5.47	5.33	4.34	4.65
Renfrew	10.58	9.28	9.37	8.23	7.45	7.64	6.04	5.65	6.06	5.65	5.25	4.65	5.00	4.97	5.18	4.50	4.62	4.80	5.21	4.86	4.19	4.18	3.89
Eastern Ontario	6.79	6.31	6.36	5.77	6.25	4.94	4.62	4.23	4.33	4.10	4.03	3.54	3.69	3.76	3.78	3.94	4.09	3.99	4.30	3.92	3.63	3.56	3.39
Simcoe Muskoka	6.30	5.32	5.67	6.04	5.30	5.19	4.46	3.90	3.67	3.38	3.30	3.01	3.02	2.98	3.11	3.31	3.22	3.02	2.93	2.90	2.57	2.63	2.55
Sudbury	5.98	6.15	5.80	5.15	5.28	5.26	4.68	3.92	3.75	3.27	3.39	2.85	2.80	3.17	2.97	3.92	3.95	4.39	4.39	3.05	3.27	3.24	2.98
Thunder Bay	8.00	6.81	7.21	7.25	6.77	6.11	6.56	4.56	4.29	4.10	4.08	4.06	3.81	4.16	4.45	4.14	3.76	3.88	3.54	3.90	3.95	3.84	3.24
Timiskaming	7.23	6.92	8.43	9.00	9.25	8.81	6.93	6.96	6.50	6.31	6.90	7.06	6.43	5.86	5.30	6.28	6.35	6.14	6.34	4.65	5.59	6.00	5.02
Waterloo	5.90	5.62	5.19	5.22	4.64	4.77	2.83	3.33	3.09	2.95	2.49	2.33	2.28	2.22	2.19	2.23	2.17	2.16	2.36	2.17	2.04	2.16	1.99
Guelph	5.77	5.64	4.98	5.78	5.09	4.57	3.83	3.46	3.30	3.02	3.12	2.71	2.53	2.64	2.51	2.67	2.68	2.70	3.03	2.43	2.32	2.57	2.59
Windsor-Essex	5.90	5.11	5.76	5.23	5.08	5.18	4.24	4.10	3.55	3.28	3.21	2.90	3.30	3.09	3.39	3.15	3.28	3.60	3.27	3.28	3.01	3.02	2.90
York Region	3.20	3.14	3.17	3.09	2.85	2.72	1.96	1.71	1.78	1.72	1.62	1.49	1.55	1.67	1.68	1.71	1.73	1.72	1.89	1.83	1.85	1.86	1.70
Toronto	4.45	4.39	4.11	3.95	3.64	3.60	3.00	2.62	2.59	2.36	2.37	2.41	2.40	2.41	2.55	2.52	2.61	2.64	2.79	2.62	2.58	2.61	2.51

* Reporting period is from April 1996 to March 2019. Data for 2017 and 2018 may be incomplete due to the 2-year algorithm to identify asthma, and numbers are subject to change.

† Ontario Marginalization Index expressed in quintiles used as a proxy measure of socioeconomic status.

‡ Rural communities defined as those with fewer than 10,000 people.

Note: Asthma prevalence with missing LHIN, rurality, or PHU were excluded from the report.

Asthma-related hospitalization were extracted from both CIHI-DAD and CIHI SDS with asthma diagnosis in all diagnosis types.

Source: This table uses statistics reported by the Ontario Asthma Surveillance Information System (OASIS) and data provided by ICES, Ontario.