

Asthma-Related Emergency Department Visits

	Asthma-Related Emergency Department Visits															
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017*	2018*
Age Group																
All	144117	145797	148634	152319	146560	144633	166598	150195	153881	158389	148780	168353	162800	158193	168381	148092
0-4	32567	30303	32262	30420	28146	25881	30851	29219	30006	28506	27242	29363	28195	25668	25656	21129
5-9	13458	13273	14638	12324	12073	11375	14913	11194	12272	10999	9977	11981	11228	9969	10490	8493
10-14	9441	9191	10227	9225	8500	8526	11557	7613	8134	7297	6038	7597	6598	6170	6595	5349
15-19	8920	8856	10372	10971	10915	11449	14561	10295	10649	10769	8979	10578	9513	9110	9242	7837
20-29	12106	11892	12708	13625	13321	13724	17109	14505	15240	16440	15868	17866	18002	17552	18257	16915
30-39	10614	10823	10548	11354	11238	11048	12843	11799	11886	12344	11767	13018	12734	12322	13798	12608
40-49	10843	11977	11147	12849	12523	12297	13917	12343	12012	12975	11926	12436	12190	11299	12731	10808
50-59	10556	11822	11151	12966	12665	12782	14294	14070	14326	15518	15487	17198	17356	17205	18420	16284
60-69	11895	12662	12037	13257	13312	14073	13745	14379	14592	16133	15469	17822	18060	18614	20090	18497
70+	23717	24998	23544	25328	23867	23478	22808	24778	24764	27408	26027	30494	28924	30284	33102	30172
Sex																
Female	76183	77938	78587	82150	78642	78720	89842	81825	83716	86777	81617	92784	89616	87423	93385	82689
Male	67934	67859	70047	70169	67918	65913	76756	68370	70165	71612	67163	75569	73184	70770	74996	65403
Deprivation Quintile[†]																
Q1 (least marginalized)	17614	19348	20533	21199	21103	20609	22592	20266	20731	21535	19735	23841	23617	23097	25030	21710
Q2	22884	23444	24104	24958	24447	23869	28262	25467	26169	26653	25021	29212	28395	27286	28907	25243
Q3	27518	27305	27933	28802	27157	27012	32848	29371	30361	30879	28473	31798	30391	29572	31583	27751
Q4	33066	31038	31262	31606	30407	30378	35321	31735	32182	33228	31438	35216	33822	32866	35395	30872
Q5 (most marginalized)	37173	40944	41161	42250	40044	39409	45067	41184	42292	43662	42102	46201	44554	43371	45446	40729
Income Quintile																
Q1 (lowest)	37568	38913	38916	40013	37871	37589	42870	39017	39843	40721	38602	46592	44948	43733	45818	40973
Q2	31064	31381	31911	32809	31532	30858	34740	31788	32217	32865	31186	36348	35175	34092	36563	31784
Q3	27757	28064	29032	29312	28455	28188	32789	29173	30156	30865	28849	32376	31225	30627	33122	29234
Q4	25864	25502	26277	27036	26540	26325	30264	27283	28124	29286	27370	28927	28066	27522	29287	25793
Q5 (highest)	21010	21083	21654	22363	21386	20841	24845	21915	22497	23379	21698	24107	23378	22211	23586	20295
Rurality[‡]																
Urban	105488	108597	110867	112895	109799	107005	127355	115509	118997	123545	118085	135296	131663	128016	136903	121137
Rural	38629	37200	37767	39424	36761	37628	39243	34686	34884	34844	30695	33057	31137	30177	31478	26955
Local Health Integration Network																
1. Erie St. Clair	10031	9966	9516	9372	9337	8893	10104	8843	8866	9035	8385	9347	8941	8600	8677	7617
2. South West	14801	14774	15988	15708	15896	15385	17444	15428	16241	16321	14737	16795	16139	15970	17290	15150
3. Waterloo Wellington	6288	6036	6145	6102	6085	6109	6915	6432	6535	6576	5857	6921	6743	6346	6836	5737
4. Hamilton Niagara Haldimand Brant	17138	16743	16733	17032	16354	15726	17846	16880	17602	17920	17727	19455	19063	18597	19433	16796
5. Central West	5835	5854	6221	6291	6365	6273	8556	7310	7706	7874	7740	8841	8357	8247	10921	10078
6. Mississauga Halton	6874	7111	7274	7403	7360	7018	9003	8163	8231	8252	8099	9080	8558	8597	9048	7928
7. Toronto Central	8004	8181	8275	8345	8229	7785	9392	8914	9129	9711	9309	10105	9676	10165	10447	9403
8. Central	9525	10907	11020	11182	10993	10872	13732	12421	12303	13535	13440	15211	15737	15141	16163	14218
9. Central East	16467	16728	17016	16980	16001	16242	18295	17084	17655	18029	16976	19666	19112	17915	18977	16806
10. South East	8312	8508	8788	9929	9225	9525	10006	9059	9105	9492	7747	9451	9289	9025	9327	8471
11. Champlain	16566	16765	16919	18382	16124	16744	18878	17109	16619	17014	16000	18763	17060	16291	17137	15188
12. North Simcoe Muskoka	6814	6506	6883	7430	7162	6582	7013	6545	7132	7111	6578	7389	7019	6589	7322	6412
13. North East	12335	12736	12730	12984	12157	12707	13715	11087	11942	12099	11184	12350	11992	11729	12307	10671
14. North West	5127	4982	5126	5179	5272	4772	5699	4920	4815	5420	5001	4979	5114	4981	4496	3617

Asthma-Related Emergency Department Visits (cont'd)

Public Health Unit	Asthma-Related Emergency Department Visits															
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017*	2018*
Algoma	2699	2894	2949	2938	2703	2575	2663	2253	2356	2448	2272	2613	2404	2378	2598	2305
Brant	1943	2002	1996	2318	2228	2052	2291	2051	2364	2410	2544	2913	2684	2526	2639	2474
Durham	5237	5390	5495	5486	5398	5586	6512	5789	5988	6327	6059	6947	6578	6085	6619	5686
Elgin-St Thomas	952	999	1075	1012	1117	1086	1374	1307	1337	1492	1454	1749	1675	1595	1652	1564
Grey-Bruce	5515	5612	5348	5390	5404	5506	5870	4906	5300	5194	4470	5112	4741	4683	5021	4378
Haldimand-Norfolk	2065	2191	2102	2184	2087	2198	2313	2281	2453	2484	2326	2686	2411	2258	2454	2027
Haliburton Kawartha, Pine Ridge	4722	4670	4804	4686	4224	4204	4386	4118	4091	4178	3492	4338	4565	4239	4014	3706
Halton	3282	3173	3463	3422	3263	3047	4012	3427	3529	3456	3303	3776	3637	3710	4044	3536
Hamilton	4558	4607	4520	4376	4471	4338	5129	4839	5553	5546	5704	6290	6028	5863	6234	5467
Hastings Prince Edward	3282	3400	3494	3741	3390	3494	3609	3234	3259	3409	2738	3365	3456	3296	3446	3276
Huron	1620	1585	1781	1808	1797	1849	1976	1846	1968	1755	1482	1733	1686	1541	1679	1421
Chatham-Kent	3091	3029	2898	2858	2799	2407	2565	2271	2302	2186	1882	2186	2019	2072	2273	1948
and Lennox and Addington	2474	2383	2463	2972	2938	2975	3262	2974	2990	3083	2572	3212	3168	3006	2999	2862
Lambton	3255	3496	3538	3390	3440	3417	3994	3409	3630	3701	3272	3892	3559	3184	3219	2751
Leeds, Grenville, Lanark	4282	4364	4690	5215	4618	4812	4974	4497	4333	4390	3635	4143	3761	3871	4177	3205
Middlesex-London	3354	3608	4603	4488	4801	4161	5210	4406	4549	4695	4408	4920	4796	5055	5572	4925
Niagara	7745	7025	7160	7267	6700	6399	7175	6870	6470	6676	6438	6703	7089	7054	7158	5950
North Bay Parry Sound	2742	2904	2817	2971	2610	2878	3014	2564	2888	2781	2673	2948	2706	2730	2788	2181
Northwestern	1695	2102	2098	2063	2206	1926	2150	1735	1562	1678	1473	1635	1659	1653	1564	1337
Ottawa	6278	6387	6373	6881	6126	6100	7903	6879	6916	7390	6799	8277	7642	7486	8013	7482
Oxford	2162	2299	2336	2473	2243	2197	2371	2227	2231	2367	2203	2577	2591	2395	2467	2184
Peel	7347	7714	7875	8006	8083	7953	10788	9452	9919	10093	9793	11122	10420	10439	12968	12058
Perth	1524	1012	1195	1098	1130	1125	1153	1145	1214	1130	994	1124	1016	954	1271	976
Peterborough	3213	3172	3046	2999	2626	2626	2638	2538	2690	2442	2187	2785	2575	2330	2617	2433
Porcupine	2747	3121	3014	3017	3048	3367	3587	2680	2773	3078	2611	2984	3094	2881	2946	2567
Renfrew	2852	3129	3392	3687	3349	3665	3612	3408	3134	3142	3078	3584	3286	3055	3300	2891
Eastern Ontario	5603	5451	5145	5689	4791	5092	5319	5031	4944	4893	4806	5413	4824	4398	4350	3790
Simcoe Muskoka	7971	7748	8095	8690	8431	7673	8079	7402	7994	8192	7598	8598	8286	7860	8655	7600
Sudbury	2537	2371	2578	2682	2483	2399	2918	2308	2637	2541	2564	2801	2715	2680	2829	2632
Thunder Bay	3432	2876	3028	3120	3071	2840	3556	3197	3254	3748	3531	3344	3455	3328	2932	2280
Timiskaming	1557	1412	1333	1307	1232	1419	1474	1222	1222	1178	988	968	998	1003	1069	905
Waterloo	3770	3588	3537	3242	3276	3397	3852	3614	3589	3614	3309	3914	3956	3650	3875	3276
Wellington-Dufferin- Guelph	3116	2938	3068	3218	3148	3098	3471	3231	3161	3428	2981	3416	3180	3195	3454	2815
Windsor-Essex	3712	3452	3095	3142	3117	3087	3548	3189	2952	3170	3247	3298	3379	3376	3205	2948
York Region	4669	5376	5719	5684	5709	5604	7367	6589	6788	7341	7161	8215	8639	8433	9228	8192
Toronto	17114	18317	18511	18799	18503	18081	22483	21306	21541	22753	22733	24772	24122	23931	25052	22064

*Reporting period is from April 2003 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 ED were captured from the main problem diagnosis code in NACRS.

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