

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	2019	2020	2021*	2022*
Age Group																				
All	144115	145793	148634	152325	146565	144632	166594	150199	153894	158395	148823	168347	163068	158540	170207	154964	159873	68044	93582	147384
0-4	32561	30303	32261	30418	28147	25880	30852	29221	30006	28507	27252	29380	28227	25694	26275	24595	22706	2859	15285	26704
5-9	13456	13273	14638	12324	12074	11375	14912	11194	12271	10999	9979	11982	11235	9969	10548	8800	9480	2108	3963	12243
10-14	9442	9191	10225	9225	8500	8526	11555	7613	8134	7296	6038	7593	6603	6173	6616	5464	5988	1813	2788	6029
15-19	8919	8855	10372	10969	10917	11448	14559	10293	10648	10769	8979	10544	9494	9101	9255	7939	8257	3420	5044	7299
20-29	12109	11893	12708	13625	13322	13724	17108	14505	15240	16438	15868	17857	18026	17565	18327	17223	19204	8978	11173	15959
30-39	10616	10822	10551	11355	11240	11048	12842	11798	11887	12346	11773	13020	12770	12383	13957	13001	14809	6959	8464	14033
40-49	10843	11977	11149	12849	12522	12296	13918	12344	12019	12975	11924	12444	12232	11351	12896	11197	12455	6228	6934	9689
50-59	10556	11820	11150	12966	12663	12782	14293	14069	14326	15518	15497	17208	17446	17309	18683	16814	17466	9119	9873	12852
60-69	11894	12661	12037	13259	13311	14073	13745	14379	14595	16133	15475	17830	18094	18725	20343	19042	19088	10261	11377	16707
70+	23719	24998	23543	25335	23869	23480	22810	24783	24768	27414	26038	30489	28941	30270	33307	30889	30420	16299	18681	25869
Sex																				
Female	76193	77936	78605	82153	78641	78715	89828	81832	83724	86755	81639	92776	89799	87686	94335	85908	88686	38587	50940	79698
Male	67922	67857	70029	70172	67924	65917	76766	68367	70170	71640	67184	75571	73269	70854	75872	69056	71187	29457	42642	67686
Material Resources Quintile[†]																				
Q1 (least marginalized)	17594	19323	20475	21282	21169	20622	22712	20408	20721	21493	19811	23834	23830	23116	25206	23036	21526	9504	13320	21315
Q2	22698	23441	24070	24817	24372	23921	28340	25356	26510	26858	24818	29281	28007	27143	29200	26486	27942	11920	17576	28204
Q3	27648	27449	28168	28668	27087	26844	32744	29356	30142	30595	28508	31609	30300	29703	31759	28767	31203	13031	18102	29233
Q4	33363	30913	31194	31768	30531	30446	35147	31714	32040	33394	31696	35004	33872	32967	35472	31995	32935	13459	18305	28991
Q5 (most marginalized)	37000	40977	41109	42274	40013	39464	45113	41130	42316	43659	41963	46173	44645	43349	46098	42427	44339	19497	25359	38026
Income Quintile																				
Q1 (lowest)	37624	39003	39140	40165	37983	37833	42731	38863	39680	40513	38671	46578	45007	43568	46297	42716	44927	20018	25875	38435
Q2	30883	31200	31853	32804	31557	30715	34844	31693	32232	33085	31152	36227	35120	34480	36762	33163	35108	14723	19787	30876
Q3	28039	28170	28980	29377	28333	28168	32863	29132	30372	30890	28929	32092	31269	30692	33238	30444	30771	12439	17681	28764
Q4	25773	25481	26178	26967	26404	26271	30130	27308	28081	29272	27255	29158	28185	27211	29776	26744	26818	11087	16277	26807
Q5 (highest)	21002	21088	21650	22219	21542	20792	24939	22129	22473	23387	21743	24178	23361	22487	24005	21766	22171	9751	13927	22423
Rurality[‡]																				
Urban	105515	108677	110870	112946	109708	107007	127375	115490	118954	123591	118127	135599	132228	128518	138718	127166	131572	57957	78991	121665
Rural	38600	37116	37764	39379	36857	37625	39219	34709	34940	34804	30696	32748	30840	30022	31489	27798	28301	10087	14591	25719
Local Health Integration Network																				
1. Erie St. Clair	10032	9964	9516	9369	9342	8895	10101	8842	8867	9035	8386	9344	8949	8613	8760	7866	7672	3268	4721	6976
2. South West	14781	14760	15974	15673	15870	15355	17410	15385	16238	16273	14695	16782	16147	15957	17439	15819	16037	6199	9284	15719
3. Waterloo Wellington	6495	6185	6287	6289	6251	6269	7092	6594	6611	6713	5985	7048	6849	6492	6965	6114	6464	2957	4161	6131
4. Hamilton Niagara Haldimand Brant	17119	16728	16725	17029	16362	15735	17843	16879	17627	17945	17745	19457	19104	18659	19641	17416	18373	8034	11814	17452
5. Central West	5520	5584	5958	5987	6061	5974	8261	7060	7511	7658	7574	8702	8286	8179	11047	10600	11057	4203	5130	10497
6. Mississauga Halton	6910	7125	7290	7425	7368	7042	9022	8179	8260	8273	8114	9093	8574	8617	9145	8381	9157	3586	5318	7861
7. Toronto Central	7972	8156	8237	8319	8194	7759	9352	8902	9089	9639	9266	10089	9658	10162	10564	9817	10501	5180	5632	8093
8. Central	9728	11133	11242	11390	11198	11061	13957	12626	12485	13721	13575	15335	15876	15287	16424	15116	15814	7079	10509	16614
9. Central East	16404	16655	16956	16947	15987	16203	18250	17011	17589	17986	16940	19597	19110	17940	19162	17583	18025	7637	10638	15639
10. South East	8423	8599	8898	10001	9281	9609	10058	9133	9182	9532	7818	9500	9354	9110	9486	8876	9047	3919	4993	8025
11. Champlain	16470	16681	16805	18310	16079	16669	18819	17046	16546	16978	15959	18702	17046	16278	17284	15977	15814	7310	9447	13959
12. North Simcoe Muskoka	6804	6516	6899	7434	7177	6612	7051	6554	7182	7160	6589	7402	7050	6523	7361	6644	6751	2938	4088	6643
13. North East	12330	12725	12721	12972	12127	12677	13679	11069	11896	12062	11178	12322	11955	11730	12367	11000	11148	4176	5772	10089
14. North West	5127	4982	5126	5180	5268	4772	5699	4919	4811	5420	4999	4974	5110	4993	4562	3755	4013	1558	2075	3686

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	2019	2020	2021*	2022*
Algoma	2689	2883	2948	2941	2698	2584	2648	2222	2349	2429	2251	2638	2406	2387	2661	2426	2274	845	1058	1760
Brant	1941	2010	1979	2317	2232	2073	2305	2077	2339	2380	2524	3153	2957	2725	2991	2773	2890	1315	1735	2529
Durham	5243	5390	5512	5506	5419	5574	6516	5811	6002	6329	6081	6943	6561	6087	6706	5981	6388	3014	4513	5735
Elgin-St Thomas	964	1012	1064																	
Grey-Bruce	5524	5590	5308	5383	5417	5508	5872	4929	5277	5197	4461	5116	4732	4703	5009	4488	4445	1500	2237	3978
Haldimand-Norfolk	2056	2184	2108	2181	2058	2175	2315	2256	2467	2496	2369	2434	2147	2081	2206	1895	2028	646	1101	1898
Haliburton Kawartha, Pine Ridge	4689	4665	4773	4641	4229	4223	4364	4086	4083	4174	3461	4301	4579	4237	4027	3822	3746	1633	2191	3432
Halton	3283	3178	3461	3436	3263	3047	4013	3435	3527	3458	3300	3757	3635	3726	4104	3731	4095	1767	2907	4140
Hamilton	4547	4602	4511	4372	4469	4330	5124	4826	5551	5556	5706	6294	6033	5865	6275	5692	6175	3064	4458	6201
Hastings Prince Edward	3302	3397	3491	3745	3386	3482	3605	3254	3253	3410	2758	3378	3444	3321	3489	3421	3484	1434	1861	2918
Huron	1658	1623	1781																	
Chatham-Kent	3105	3025	2882	2836	2787	2380	2550	2270	2285	2159	1872	2184	2049	2100	2302	2003	1836	718	1029	1636
Kingston Frontenac, and Lennox and Addington	2464	2394	2464	2989	2946	2970	3260	2978	3003	3094	2590	3198	3162	3016	3034	2985	2999	1416	1658	2925
Lambton	3244	3482	3553	3407	3464	3427	4002	3410	3631	3713	3278	3873	3543	3163	3223	2832	2530	972	1560	2703
Leeds, Grenville, Lanark	4269	4378	4689	5202	4643	4822	4978	4488	4325	4382	3607	4167	3794	3906	4236	3394	3530	1385	1958	3003
Middlesex-London	3327	3584	4597	4482	4785	4162	5187	4399	4538	4689	4414	4940	4823	5080	5628	5254	5285	2455	3730	6040
Niagara	7754	7022	7171	7278	6712	6416	7176	6886	6479	6687	6442	6702	7105	7071	7223	6157	6235	2445	3687	5772
North Bay Parry Sound	2740	2913	2825	2977	2609	2890	3010	2556	2879	2801	2693	2933	2719	2716	2814	2269	2415	919	1229	2259
Northwestern	1698	2102	2100	2065	2200	1926	2149	1729	1563	1677	1470	1639	1665	1659	1594	1404	1435	455	640	1376
Ottawa	6285	6384	6381	6882	6113	6092	7911	6874	6905	7380	6803	8254	7652	7507	8111	7939	7909	4086	5024	7089
Oxford	2183	2306	2349																	
Peel	7354	7722	7879	8005	8070	7950	10783	9452	9916	10089	9793	11122	10463	10467	13140	12718	13407	5200	6487	12189
Perth	1515	1015	1223																	
Peterborough	3238	3177	3077	3021	2605	2633	2654	2545	2680	2442	2213	2801	2601	2349	2625	2532	2489	1039	1257	1893
Porcupine	2750	3124	3015	3022	3053	3369	3601	2690	2781	3093	2614	2970	3088	2893	2953	2634	2852	891	1379	2552
Renfrew	2855	3125	3387	3692	3360	3659	3613	3408	3139	3130	3046	3592	3298	3066	3342	3025	2841	852	1264	2323
Eastern Ontario	5605	5435	5140	5692	4775	5095	5301	5036	4949	4918	4836	5409	4829	4382	4382	3941	3893	1953	2552	3562
Simcoe Muskoka	7970	7742	8073	8713	8441	7705	8080	7390	7999	8188	7605	8598	8258	7798	8682	7812	7950	3427	4910	8008
Sudbury	2554	2369	2578	2674	2488	2382	2919	2329	2648	2548	2587	2778	2720	2681	2820	2688	2634	1201	1668	2680
Thunder Bay	3428	2882	3028	3114	3066	2840	3551	3197	3248	3745	3530	3335	3445	3334	2968	2351	2578	1103	1435	2310
Timiskaming	1555	1409	1329	1301	1232	1416	1475	1226	1218	1172	988	969	1001	1003	1072	938	942	303	420	798
Waterloo	3776	3589	3536	3240	3283	3391	3875	3601	3586	3610	3298	3923	3967	3663	3901	3421	3749	1857	2569	3486
Wellington-Dufferin-Guelph	3066	2912	3097	3224	3164	3105	3470	3250	3193	3441	2974	3444	3232	3237	3556	3032	3130	1258	1885	3025
Windsor-Essex	3708	3468	3104	3150	3109	3099	3563	3178	2971	3184	3250	3306	3375	3378	3254	3061	3323	1587	2152	2657
York Region	4659	5387	5711	5649	5692	5589	7373	6584	6779	7331	7149	8229	8666	8463	9366	8688	9079	4352	6583	10509
Toronto	17117	18313	18510	18816	18516	18079	22497	21308	21557	22745	22727	24781	24170	24004	25378	23275	24692	10603	12957	19998
Southwestern				3482	3366	3277	3731	3519	3575	3860	3631	4309	4246	3973	4138	3866	4019	1437	2185	3450
Huron Perth				2890	2915	2962	3123	3000	3199	2888	2502	2877	2703	2499	2997	2516	2596	912	1303	2550

* Reporting period is from April 2003 to March 2023. Data for 2021 and 2022 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.

PHU of Elgin and St. Thomas (2231) and Oxford Health Unit (2252) were merged in 2006 onwards at ICES, Ontario and now the PHU is named Southwestern Public Health (4913).

PHU of Huron (2239) and Perth (2254) were merged in 2006 onwards at ICES, Ontario and now the PHU is named Huron Perth Public Health (5183).

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