

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	2023*	2024*
Age Group																						
All	143994	145673	148521	152233	146465	144536	166290	149651	153340	157923	148375	167873	162735	158293	169944	154894	159965	68165	94483	155552	150455	164741
0-4	32544	30288	32249	30409	28143	25873	30651	28811	29550	28188	26917	29076	28218	25688	26270	24602	22765	2863	15732	31730	22196	17880
5-9	13451	13272	14632	12323	12074	11374	14907	11184	12266	10993	9968	11977	11030	9850	10418	8720	9388	2111	4001	13091	12138	11842
10-14	9434	9181	10217	9217	8496	8522	11553	7607	8131	7293	6038	7591	6597	6173	6613	5461	5988	1789	2766	6084	5337	8233
15-19	8908	8844	10368	10965	10906	11440	14548	10282	10645	10765	8975	10538	9490	9092	9251	7933	8260	3416	5054	7403	5968	7226
20-29	12098	11874	12690	13602	13306	13708	17090	14483	15224	16418	15853	17833	18002	17546	18298	17222	19223	8984	11200	16242	15040	15851
30-39	10598	10813	10539	11345	11225	11030	12833	11777	11869	12327	11764	12992	12746	12370	13940	13011	14824	6976	8532	14340	16265	19255
40-49	10818	11956	11132	12833	12501	12286	13898	12314	11999	12940	11905	12424	12217	11335	12873	11181	12466	6231	6988	9914	10833	13738
50-59	10548	11807	11138	12952	12651	12765	14269	14040	14309	15482	15456	17176	17426	17284	18650	16807	17465	9160	9960	13199	13892	15232
60-69	11881	12646	12019	13255	13299	14064	13735	14371	14584	16114	15468	17794	18080	18699	20332	19040	19122	10290	11457	17187	19965	22483
70+	23714	24992	23537	25332	23864	23474	22806	24782	24763	27403	26031	30472	28929	30256	33299	30917	30464	16345	18793	26362	28821	33001
Sex																						
Female	76139	77883	78553	82106	78588	78664	89691	81600	83511	86551	81447	92563	89643	87545	94215	85901	88770	38642	51364	83448	82771	91417
Male	67855	67790	69968	70127	67877	65872	76599	68051	69829	71372	66928	75310	73092	70748	75729	68993	71195	29523	43119	72104	67684	73324
Material Resources Quintile[†]																						
Q1 (least marginalized)	17734	19214	20486	21123	21116	20603	22626	20105	20439	21303	19708	23979	23634	23290	25338	23154	21626	9575	13434	22714	21124	23616
Q2	22725	23657	24156	24982	24429	23797	28105	25207	26286	26809	24966	28834	28229	27143	29194	26347	28144	11917	17748	29731	27833	30312
Q3	27535	27409	28159	28669	27252	27081	33049	29555	30286	30629	28392	31667	30372	29676	31707	28925	30936	12945	18256	30793	30215	32928
Q4	33016	31028	31108	31693	30269	30423	35091	31636	32101	33392	31518	34891	33659	32744	35507	31973	32873	13592	18505	30657	29843	32271
Q5 (most marginalized)	37177	40725	41029	42154	40061	39340	44920	40962	42058	43426	41767	46070	44358	43138	45785	42295	44408	19516	25631	39902	39667	43452
Income Quintile																						
Q1 (lowest)	37532	38605	38914	40057	37775	37730	42609	38592	39642	40367	38453	46236	44749	43381	46097	42678	45066	20050	26119	40368	40365	44550
Q2	30949	31481	31973	32694	31537	30698	34881	31703	32200	33047	31081	36504	35114	34365	36878	33190	34998	14611	19876	32517	32265	34535
Q3	27989	28101	28899	29352	28323	28124	32695	29037	30026	30866	28930	31874	31208	30509	33131	30323	30820	12618	18003	30570	29069	31654
Q4	25651	25608	26244	27231	26646	26355	30176	27490	28071	29230	27341	28973	27880	27299	29641	26831	26861	11259	16449	28238	26643	29364
Q5 (highest)	21009	21047	21692	22105	21457	20789	24818	21780	22345	23171	21527	24122	23639	22618	24002	21743	22134	9602	13995	23771	22046	24531
Rurality[‡]																						
Urban	105348	108582	110669	112793	109573	106886	127126	115133	118491	123210	117689	135257	131911	128318	138501	127099	131714	58049	79725	128602	123702	134693
Rural	38646	37091	37852	39440	36892	37650	39164	34518	34849	34713	30686	32616	30824	29975	31443	27795	28251	10116	14758	26950	26753	30048
Local Health Integration Network																						
1. Erie St. Clair	10026	9954	9509	9365	9334	8887	10088	8804	8831	9010	8364	9313	8931	8605	8739	7855	7663	3269	4751	7262	5268	7737
2. South West	14771	14752	15964	15663	15859	15346	17381	15353	16205	16234	14671	16725	16128	15934	17413	15811	16053	6215	9393	16721	16581	18417
3. Waterloo Wellington	6488	6182	6277	6285	6250	6264	7080	6557	6578	6696	5971	7036	6839	6485	6957	6118	6468	2966	4213	6473	6290	7086
4. Hamilton Niagara Haldimand Brant	17105	16716	16719	17013	16344	15727	17811	16835	17554	17907	17699	19406	19071	18632	19614	17407	18377	8049	11922	18287	17778	19293
5. Central West	5519	5583	5958	5985	6058	5974	8232	7023	7465	7629	7546	8669	8272	8166	11035	10600	11074	4212	5197	11174	10475	10337
6. Mississauga Halton	6906	7115	7289	7424	7366	7039	9008	8155	8214	8237	8083	9070	8546	8608	9130	8380	9172	3587	5367	8499	7854	8870
7. Toronto Central	7930	8138	8210	8299	8179	7739	9310	8854	9034	9580	9223	10045	9615	10130	10544	9804	10520	5185	5674	8593	8948	9682
8. Central	9720	11128	11233	11388	11197	11055	13922	12547	12423	13667	13530	15286	15846	15261	16410	15117	15832	7096	10668	17734	17409	17950
9. Central East	16395	16642	16947	16940	15979	16196	18206	16946	17534	17933	16878	19530	19062	17903	19113	17563	18005	7639	10736	16436	16444	17610
10. South East	8420	8585	8890	10001	9275	9599	10050	9104	9159	9514	7787	9486	9330	9097	9471	8871	9048	3933	5028	8378	8557	8853
11. Champlain	16465	16671	16797	18303	16070	16663	18792	16990	16509	16923	15911	18663	17015	16250	17253	15974	15823	7319	9521	14708	14120	15402
12. North Simcoe Muskoka	6801	6510	6894	7431	7166	6608	7041	6534	7160	7144	6577	7387	7039	6513	7355	6645	6760	2950	4117	6985	6941	7821
13. North East	12327	12724	12712	12965	12123	12673	13674	11044	11881	12041	11149	12303	11946	11723	12353	10999	11151	4182	5806	10501	9968	11306
14. North West	5121	4973	5122	5171	5265	4766	5695	4905	4793	5408	4986	4954	5095	4986	4557	3750	4019	1563	2090	3801	3822	4377

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	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023*	2024*
Public Health Unit																						
Algoma	2681	2883	2947	2932	2706	2570	2670	2240	2356	2439	2264	2615	2417	2398	2644	2423	2283	836	1056	1820	2037	2326
Brant	1958	2022	1981	2328	2221	2046	2303	2065	2346	2378	2522	3175	2950	2752	2978	2765	2925	1321	1748	2663	2545	2884
Durham	5223	5376	5504	5481	5393	5565	6497	5767	5967	6310	6038	6940	6572	6076	6689	5973	6364	3007	4557	6093	5762	6095
Elgin-St Thomas	966	1003	1078	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Grey-Bruce	5514	5604	5338	5373	5413	5533	5866	4909	5298	5198	4477	5111	4728	4677	5029	4500	4448	1509	2276	4163	4075	4656
Haldimand-Norfolk	2064	2170	2100	2198	2075	2211	2318	2261	2431	2493	2368	2410	2154	2058	2201	1908	2004	641	1111	1979	1720	2132
Haliburton Kawartha, Pine Ridge	4728	4639	4780	4674	4230	4233	4358	4091	4119	4162	3477	4288	4590	4245	4013	3841	3743	1619	2173	3528	3333	3392
Halton	3281	3163	3460	3419	3256	3041	3994	3412	3502	3436	3295	3758	3630	3718	4081	3722	4097	1785	2929	4423	3850	4366
Hamilton	4544	4600	4516	4356	4462	4321	5104	4814	5518	5531	5677	6273	6028	5852	6258	5691	6183	3069	4500	6492	6754	7125
Hastings Prince Edward	3260	3420	3493	3741	3387	3506	3603	3236	3216	3416	2736	3358	3423	3305	3503	3420	3517	1460	1881	3051	3346	3524
Huron	1616	1617	1749	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chatham-Kent	3070	2995	2889	2831	2775	2384	2574	2268	2280	2157	1873	2173	2038	2094	2318	2016	1858	724	1035	1706	1672	2122
Kingston Frontenac, and Lennox and Addington	2472	2386	2473	2992	2944	2969	3263	2952	3000	3093	2581	3197	3147	3005	3015	2976	2998	1430	1672	3065	2911	3115
Lambton	3268	3514	3567	3408	3473	3425	3980	3381	3619	3681	3257	3865	3525	3151	3194	2809	2513	968	1569	2786	987	2849
Leeds, Grenville, Lanark	4301	4341	4665	5187	4632	4817	4968	4470	4294	4348	3612	4132	3780	3896	4245	3383	3526	1389	1972	3104	3025	3054
Middlesex-London	3329	3587	4565	4477	4771	4164	5199	4406	4532	4683	4423	4909	4820	5067	5615	5266	5300	2456	3774	6493	6256	6762
Niagara	7727	7019	7150	7249	6692	6403	7171	6867	6464	6668	6417	6692	7084	7069	7215	6157	6235	2448	3733	6060	5791	6104
North Bay Parry Sound	2746	2907	2818	2953	2602	2881	3000	2551	2884	2787	2682	2927	2705	2722	2819	2624	2432	930	1250	2328	2205	2451
Northwestern	1692	2097	2097	2064	2202	1922	2150	1725	1559	1676	1467	1629	1665	1655	1590	1401	1439	455	647	1409	1529	1578
Ottawa	6270	6396	6382	6888	6126	6077	7903	6861	6888	7370	6774	8259	7634	7482	8066	7937	7919	4089	5065	7542	7120	7876
Oxford	2179	2305	2370	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Peel	7357	7722	7874	8007	8072	7952	10752	9414	9855	10045	9756	11079	10446	10448	13120	12711	13436	5209	6562	13023	12259	12485
Perth	1519	1017	1204	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Peterborough	3228	3174	3075	3017	2614	2626	2661	2534	2686	2437	2182	2803	2593	2349	2630	2524	2474	1034	1279	1987	2153	2188
Porcupine	2749	3120	3015	3015	3046	3360	3600	2682	2767	3082	2604	2962	3085	2888	2946	2624	2843	899	1383	2661	2494	2704
Renfrew	2874	3129	3382	3702	3367	3649	3586	3399	3123	3121	3044	3569	3277	3073	3334	3022	2836	845	1277	2429	2342	2509
Eastern Ontario	5586	5437	5139	5688	4760	5102	5302	5023	4958	4889	4813	5409	4827	4375	4391	3946	3894	1952	2568	3730	3696	3971
Simcoe Muskoka	7936	7757	8080	8710	8416	7680	8074	7388	7973	8173	7597	8565	8256	7780	8666	7816	7947	3432	4941	8418	8348	9207
Sudbury	2548	2365	2572	2682	2482	2403	2901	2294	2635	2542	2566	2800	2704	2665	2831	2694	2632	1207	1687	2798	2499	2798
Thunder Bay	3429	2884	3028	3111	3064	2846	3547	3184	3238	3734	3522	3325	3430	3331	2967	2349	2580	1108	1443	2392	2293	2802
Timiskaming	1555	1409	1329	1304	1233	1416	1473	1226	1216	1169	981	969	1001	1008	1068	943	944	301	422	850	719	989
Waterloo	3769	3579	3537	3240	3287	3397	3865	3578	3567	3603	3288	3920	3956	3654	3915	3438	3748	1867	2595	3682	3678	4174
Wellington-Dufferin- Guelph	3103	2910	3096	3231	3166	3079	3468	3240	3154	3436	2963	3428	3230	3249	3533	3021	3136	1251	1905	3202	2903	3252
Windsor-Essex	3717	3461	3091	3149	3111	3094	3548	3173	2950	3183	3243	3299	3378	3386	3249	3050	3305	1586	2160	2800	2633	2811
York Region	4667	5380	5703	5661	5698	5595	7341	6544	6741	7308	7136	8198	8640	8456	9350	8686	9093	4368	6674	11181	10915	11379
Toronto	17068	18285	18474	18790	18500	18053	22431	21188	21438	22637	22632	24690	24095	23942	25339	23258	24711	10616	13104	21306	22008	23724
Southwestern	.	.	.	3489	3374	3262	3701	3495	3559	3852	3618	4285	4233	3976	4143	3859	3988	1432	2209	3715	3661	4141
Huron Perth	.	.	.	2886	2915	2954	3119	3013	3207	2886	2490	2861	2694	2491	2989	2501	2614	922	1326	2673	2936	3196

* Reporting period is from April 1996 to March 2025. Data for 2023 and 2024 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.