

Asthma Emergency Department Visits

		Asthma Emergency Department Visits																					
Sex	Age Group	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023*	2024*
All	All	61657	62272	62554	58993	51288	49055	46103	42857	40446	40019	36290	38915	36169	34278	35823	33069	32481	13037	18694	30189	29233	29126
	0-4	13591	13798	14503	12978	10571	10339	8522	8161	7300	7252	6042	6715	5939	5892	6326	6240	5939	1011	4121	7397	6106	5066
	5-9	7101	7461	8358	7447	6526	5754	5902	5051	5048	4630	4201	5014	4033	3787	3798	3351	3179	800	1616	4024	3881	3703
	10-14	4783	4605	4931	4462	4040	3663	3661	3242	3188	2856	2532	2911	2551	2279	2306	1996	2052	617	954	1849	1653	1912
	15-19	4774	4436	4712	4311	3912	3792	3622	3165	2854	2902	2548	2721	2551	2473	2227	2197	2041	862	1084	1565	1372	1376
	20-29	9134	8662	8466	8011	6934	6782	6483	5913	5642	5532	5129	5245	5188	4775	4986	4573	4525	2364	2772	3654	3478	3272
	30-39	7165	7129	6733	6814	5879	5559	5427	5095	4758	4572	4289	4379	4126	3655	3938	3794	3861	2036	2221	3092	3272	3617
	40-49	6119	6709	6106	6357	5529	5341	5034	4730	4530	4522	4058	4004	3776	3446	3728	3141	3218	1730	1877	2568	2630	2945
	50-59	4066	4311	4130	4155	3771	3564	3599	3423	3261	3550	3405	3483	3475	3356	3655	3155	3108	1539	1627	2305	2471	2538
	60-69	2463	2525	2207	2304	2095	2221	2065	2106	2053	2208	2122	2329	2363	2325	2485	2327	2231	1002	1202	1865	2096	2256
	70-79	1689	1787	1597	1392	1359	1303	1162	1251	1157	1283	1277	1282	1347	1379	1439	1376	1422	656	763	1193	1416	1472
80-89	678	753	730	691	595	658	556	639	586	616	585	713	708	753	770	756	757	354	385	576	696	816	
90-99	94	96	81	71	77	79	70	81	69	96	102	119	112	158	165	163	148	66	72	101	162	153	
Female	All	31849	32071	31333	29426	26166	24951	23702	22413	21260	21085	19253	20607	19269	18402	19153	17794	17689	7326	9839	15616	15517	15722
	0-4	4382	4521	4677	4191	3491	3236	2686	2673	2421	2342	1960	2111	1907	1978	2052	2144	1995	296	1342	2623	2182	1706
	5-9	2467	2530	2829	2460	2166	1990	1986	1698	1753	1630	1394	1691	1348	1299	1264	1195	1135	263	543	1422	1409	1372
	10-14	2041	1963	1992	1806	1586	1518	1448	1320	1292	1157	1033	1291	1050	982	976	814	945	293	434	760	709	805
	15-19	2750	2636	2764	2504	2273	2089	1980	1822	1590	1539	1387	1552	1448	1382	1258	1256	1195	510	611	871	780	784
	20-29	5368	4891	4909	4596	3952	3814	3745	3321	3237	3117	2911	3035	2903	2707	2871	2627	2663	1291	1554	2186	2090	1909
	30-39	4633	4580	4320	4090	3675	3477	3412	3236	2964	2921	2629	2760	2609	2280	2441	2319	2361	1214	1391	1927	1992	2239
	40-49	4111	4451	3878	4073	3672	3497	3347	3070	3002	3007	2727	2714	2494	2314	2474	2061	2080	1087	1261	1742	1674	1892
	50-59	2830	3010	2834	2694	2508	2370	2400	2355	2256	2373	2300	2314	2350	2193	2395	2051	2058	949	993	1524	1689	1722
	60-69	1604	1701	1481	1546	1431	1531	1434	1492	1468	1563	1496	1612	1618	1633	1712	1598	1547	668	825	1218	1352	1494
	70-79	1097	1189	1079	910	943	912	800	881	817	910	907	932	939	966	1019	1016	1051	456	542	832	998	1083
80-89	494	521	514	501	414	457	414	477	408	458	426	506	515	554	563	577	559	256	285	431	512	583	
90-99	72	78	56	55	55	60	50	68	52	68	83	89	88	114	128	136	100	43	58	80	130	133	
Male	All	29808	30201	31221	29567	25122	24104	22401	20444	19186	18934	17037	18308	16900	15876	16670	15275	14792	5711	8855	14573	13716	13404
	0-4	9209	9277	9826	8787	7080	7103	5836	5488	4879	4910	4082	4604	4032	3914	4274	4096	3944	715	2779	4774	3924	3360
	5-9	4634	4931	5529	4987	4360	3764	3916	3353	3295	3000	2807	3323	2685	2488	2534	2156	2044	537	1073	2602	2472	2331
	10-14	2742	2642	2939	2656	2454	2145	2213	1922	1896	1699	1499	1620	1501	1297	1330	1182	1107	324	520	1089	944	1107
	15-19	2024	1800	1948	1807	1639	1703	1642	1343	1264	1363	1161	1169	1103	1091	969	941	846	352	473	694	592	592
	20-29	3766	3771	3557	3415	2982	2968	2738	2592	2405	2415	2218	2210	2285	2068	2115	1946	1862	1073	1218	1468	1388	1363
	30-39	2532	2549	2413	2724	2204	2082	2015	1859	1794	1651	1660	1619	1517	1375	1497	1475	1500	822	830	1165	1280	1378
	40-49	2008	2258	2228	2284	1857	1844	1687	1660	1528	1515	1331	1290	1282	1132	1254	1080	1138	643	616	826	956	1053
	50-59	1236	1301	1296	1461	1263	1194	1199	1068	1005	1177	1105	1169	1125	1163	1260	1104	1050	590	634	781	782	816
	60-69	859	824	726	758	664	690	631	614	585	645	626	717	745	692	773	729	684	334	377	647	744	762
	70-79	592	598	518	482	416	391	362	370	340	373	370	350	408	413	420	360	371	200	221	361	418	389
80-89	184	232	216	190	181	201	142	162	178	158	159	207	193	199	207	179	198	98	100	145	184	233	
90-99	22	18	25	16	22	19	20	13	17	28	19	30	24	44	37	27	48	23	14	21	32	20	

Asthma Emergency Department Visits (cont'd)

	Asthma 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*
<b>Material Resources Quintile<sup>†</sup></b>																						
Q1 (least marginalized)	8549	8903	9226	8902	7844	7495	6209	5717	5338	5359	4542	5729	5413	5335	5701	5358	4704	1826	2801	4802	4504	4518
Q2	9801	10202	10266	9686	8334	7896	7424	7030	6634	6553	5887	6389	5965	5705	5994	5603	5892	2211	3581	5935	5623	5448
Q3	11286	11283	11378	10631	8979	8770	8676	8029	7473	7397	6764	7222	6619	6166	6413	5959	6109	2474	3432	5915	5593	5679
Q4	13666	13125	12994	12066	10433	10109	9556	9100	8533	8317	7561	8226	7564	7168	7444	6701	6225	2571	3550	5603	5550	5551
Q5 (most marginalized)	16353	17617	17506	16573	14650	13749	13662	12501	11944	11913	11106	10807	9998	9393	9793	8994	9091	3804	5123	7530	7573	7589
<b>Rurality<sup>‡</sup></b>																						
Urban	49109	50275	50218	47299	41490	39627	37210	34605	32684	32840	29810	32295	30092	28792	30149	27879	27144	10968	15927	25395	24701	24509
Rural	12548	11997	12336	11694	9798	9428	8893	8252	7762	7179	6480	6620	6077	5486	5674	5190	5337	2069	2767	4794	4532	4617
<b>Local Health Integration Network</b>																						
1. Erie St. Clair	3274	2861	2811	2661	2390	2278	2014	1831	1731	1679	1519	1629	1523	1403	1240	1289	1219	637	813	1160	887	1171
2. South West	6164	5672	6051	5640	5035	4903	4461	3952	3705	3416	2999	3294	3086	3103	3415	3075	3096	1229	1772	2908	2852	3006
3. Waterloo Wellington	3372	3285	3149	2877	2663	2309	2191	1992	1940	1979	1696	1877	1667	1549	1635	1510	1460	650	886	1412	1297	1401
4. Hamilton Niagara Haldimand Brant	6385	6467	6217	5666	4959	4774	4355	4004	3747	3830	3447	3676	3599	3293	3336	3147	3035	1520	2052	3213	3039	3081
5. Central West	3112	3281	3370	3290	2886	2812	2749	2489	2373	2468	2102	2583	2457	2376	2904	2572	2417	721	1209	2037	1931	2002
6. Mississauga Halton	3575	3634	3876	3592	3152	2889	2759	2864	2479	2378	2334	2432	2126	2024	2175	1908	1972	709	1107	1963	1808	1958
7. Toronto Central	4398	4573	4650	4541	4001	3721	3448	3254	3121	3156	2937	3045	2749	2586	2746	2483	2493	842	1233	2039	2187	2055
8. Central	4789	5393	5314	4942	4219	4215	3969	3860	3658	3699	3629	3729	3583	3533	3608	3278	3070	1110	1872	3116	3222	2911
9. Central East	7612	8089	7808	7291	6663	6217	6109	5521	5412	5269	4783	4991	4657	4246	4331	3995	3735	1588	2191	3310	3357	3341
10. South East	3039	3178	3309	3399	2725	2629	2232	2179	2090	2090	1821	1917	1919	1749	1998	1745	1782	786	989	1565	1406	1314
11. Champlain	6804	6750	6986	6285	5065	5097	5055	4912	4500	4571	4015	4401	3823	3765	3838	3803	3830	1474	2180	3619	3503	3238
12. North Simcoe Muskoka	2850	2768	2720	2638	2189	2069	1882	1660	1623	1530	1490	1538	1443	1362	1333	1283	1213	536	727	1209	1165	1153
13. North East	4486	4572	4465	4325	3766	3715	3438	3105	2886	2764	2484	2679	2470	2338	2410	2211	2286	906	1209	1918	1880	1730
14. North West	1797	1749	1828	1846	1575	1427	1441	1234	1181	1190	1034	1124	1067	951	854	770	873	329	454	720	699	765

Asthma Emergency Department Visits (cont'd)

Public Health Unit	Asthma 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*
Algoma	1024	983	966	960	820	803	713	693	613	545	503	598	508	505	604	542	483	175	179	319	314	321
Brant	725	725	672	660	572	524	521	460	461	467	470	569	578	464	521	484	495	237	323	493	455	434
Durham	2639	2855	2703	2583	2366	2246	2343	1957	1985	2025	1723	1722	1669	1565	1627	1482	1375	699	939	1324	1253	1181
Elgin-St Thomas	432	394	440	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Grey-Bruce	1861	1566	1618	1449	1350	1260	1195	1035	1108	1001	905	1006	853	833	933	790	804	280	390	640	592	641
Haldimand-Norfolk	630	595	593	520	445	477	376	372	322	372	331	289	341	271	283	268	283	129	182	323	276	324
Ridge	1428	1365	1390	1171	1036	937	852	834	756	706	670	758	681	611	607	569	552	245	314	490	457	434
Halton	1535	1581	1650	1565	1366	1253	1108	1132	999	955	860	990	867	808	866	858	779	372	558	956	860	836
Hamilton	1898	1943	1955	1704	1543	1483	1336	1255	1284	1282	1198	1258	1171	1117	1210	1194	1030	533	821	1204	1188	1232
Hastings Prince Edward	1241	1251	1289	1221	978	926	761	746	635	717	549	570	567	603	627	560	574	244	294	498	473	499
Huron	629	589	582	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chatham-Kent	929	874	783	703	577	530	457	403	384	339	328	337	352	356	319	316	330	131	176	277	294	342
Kingston Frontenac, and Lennox and Addington	943	1001	1024	1186	912	951	739	767	774	699	684	745	796	682	790	669	703	338	458	672	592	495
Lambton	968	841	981	849	814	785	683	625	625	568	483	601	534	461	383	422	376	177	278	474	185	416
Leeds, Grenville, Lanark	1438	1570	1525	1504	1274	1135	1150	1079	1021	961	820	879	773	727	816	750	733	309	343	599	526	496
Middlesex-London	1849	1844	2199	2069	1929	1842	1635	1384	1265	1223	982	1155	1128	1217	1304	1219	1281	491	826	1278	1329	1286
Niagara	2706	2725	2592	2334	2012	1913	1820	1612	1423	1471	1246	1321	1293	1226	1117	1007	1029	479	583	959	908	906
North Bay Parry Sound	958	1007	1036	1027	783	760	698	641	598	526	441	504	441	475	421	422	408	191	225	336	352	357
Northwestern	672	717	774	856	710	638	686	518	491	445	406	456	467	391	345	337	312	107	175	301	262	314
Ottawa	3741	3589	3706	3227	2623	2614	2609	2682	2467	2602	2155	2467	2209	2195	2348	2336	2431	830	1433	2300	2230	2025
Oxford	867	813	788	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Peel	4222	4440	4672	4337	3809	3669	3626	3482	3224	3224	2951	3272	3012	2885	3479	3000	3013	934	1476	2646	2433	2616
Perth	664	584	574	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Peterborough	905	944	856	830	667	746	587	538	551	551	508	576	522	455	494	418	426	189	195	297	279	347
Porcupine	1134	1175	1037	1011	805	838	917	738	695	712	649	674	678	539	572	529	590	216	325	539	533	461
Renfrew	974	877	1018	933	804	865	860	713	638	591	622	648	547	559	510	439	416	176	211	459	423	408
Eastern Ontario	1485	1607	1682	1582	1171	1212	1139	1078	1028	1055	978	969	807	722	721	758	729	354	412	637	642	596
Simcoe Muskoka	3251	3165	3074	2978	2442	2337	2178	1930	1854	1798	1791	1801	1746	1657	1625	1540	1491	634	894	1436	1385	1366
Sudbury	1051	1125	1146	952	955	956	788	750	731	728	669	696	622	618	611	551	612	266	399	573	554	451
Thunder Bay	1125	1032	1055	988	867	791	755	716	690	747	628	668	600	560	509	433	561	222	279	419	437	451
Timiskaming	298	265	264	359	391	344	309	267	244	246	219	201	214	199	201	164	193	57	84	148	128	137
Waterloo	2097	2086	1950	1745	1583	1425	1378	1229	1110	1121	980	1097	922	936	962	869	874	411	549	878	736	907
Wellington-Dufferin-Guelph	1463	1428	1355	1374	1218	1060	1000	898	946	945	774	875	796	733	761	743	676	290	406	627	670	610
Windsor-Essex	1389	1151	1060	1113	1008	968	876	807	728	773	710	699	643	591	545	554	516	334	361	418	411	424
York Region	2230	2752	2707	2540	2132	2033	1884	1881	1713	1754	1656	1795	1640	1621	1769	1596	1537	566	983	1734	1770	1570
Toronto	10256	10813	10838	10411	9406	8830	8410	8008	7647	7586	7185	7467	6983	6597	6676	6122	5802	1964	3045	4924	5304	5130
Southwestern	.	.	.	1140	907	891	919	777	709	707	630	626	711	631	697	654	577	266	319	563	534	578
Huron Perth	.	.	.	1112	1013	1013	795	850	727	577	586	626	498	468	570	474	490	191	259	448	448	535
<b>Canadian Triage and Acuity Scale (CTAS) Score</b>																						
1	347	362	436	411	570	575	590	667	640	658	638	777	704	763	824	1234	1646	490	1238	2534	2281	2183
2	10556	13083	14973	13774	12958	13032	12238	12048	11563	11674	11093	12592	11541	11337	12067	10835	9891	3452	5836	9941	10136	9981
3	32033	31781	31216	29095	24832	23457	22350	20680	19697	19544	17648	18495	17416	16320	16753	15537	15632	6897	8914	13561	13122	13309
4	15298	14173	13231	13048	10832	10280	9538	8225	7500	7257	6177	6448	5898	5374	5442	4575	4289	1816	2195	3292	2914	2790
5	3138	2719	2513	2433	1857	1546	1109	990	836	782	647	509	515	433	662	819	955	339	476	806	744	790

\* Reporting period is from April 2003 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 incidence and prevalence with missing LHIN, rurality, or PHU were excluded from the report.

Asthma 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.