

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*
All	All	61785	62356	62621	59055	51340	49101	46163	42976	40633	40201	36459	39077	36295	34360	35911	33119	32494	13026	18571	29204
	0-4	13600	13806	14509	12986	10574	10342	8528	8222	7424	7379	6165	6843	5942	5895	6336	6242	5938	1011	4079	6926
	5-9	7109	7462	8363	7449	6528	5755	5902	5057	5052	4631	4211	5016	4114	3836	3847	3382	3209	800	1601	3890
	10-14	4788	4606	4936	4464	4042	3664	3661	3244	3191	2856	2533	2911	2551	2281	2307	1997	2051	633	957	1817
	15-19	4777	4445	4716	4315	3914	3796	3624	3165	2855	2909	2549	2722	2552	2477	2228	2197	2040	859	1072	1525
	20-29	9161	8690	8480	8016	6943	6788	6489	5929	5658	5541	5141	5254	5192	4779	4986	4571	4523	2364	2758	3574
	30-39	7204	7136	6746	6827	5891	5563	5436	5104	4769	4583	4301	4389	4142	3659	3947	3796	3850	2029	2206	3016
	40-49	6145	6738	6119	6373	5545	5363	5052	4741	4548	4537	4064	4012	3787	3455	3734	3150	3223	1727	1861	2520
	50-59	4073	4312	4136	4166	3777	3570	3618	3435	3265	3559	3407	3486	3479	3361	3662	3155	3106	1533	1621	2255
	60-69	2465	2525	2207	2305	2095	2220	2065	2108	2058	2211	2123	2330	2368	2327	2487	2331	2226	997	1199	1839
	70-79	1690	1787	1598	1392	1359	1303	1162	1251	1158	1283	1278	1282	1348	1379	1443	1378	1423	653	760	1172
80-89	679	753	730	691	595	658	556	639	586	616	585	713	708	753	769	757	757	354	385	570	
90-99	94	96	81	71	77	79	70	81	69	96	102	119	112	158	165	163	148	66	72	100	
Female	All	31900	32089	31369	29455	26194	24983	23735	22466	21344	21171	19304	20652	19325	18444	19191	17809	17674	7317	9772	15153
	0-4	4382	4518	4678	4197	3493	3242	2692	2689	2456	2390	1987	2138	1907	1980	2061	2145	1992	296	1326	2461
	5-9	2463	2532	2830	2458	2171	1991	1986	1701	1756	1630	1394	1691	1378	1320	1278	1205	1145	263	537	1364
	10-14	2046	1963	1994	1806	1586	1519	1448	1321	1295	1157	1035	1292	1051	981	978	814	943	301	434	737
	15-19	2749	2636	2766	2505	2275	2094	1982	1823	1593	1549	1391	1553	1450	1386	1259	1257	1193	510	605	845
	20-29	5383	4896	4917	4597	3957	3814	3748	3333	3245	3120	2914	3040	2906	2709	2868	2622	2661	1289	1544	2140
	30-39	4645	4582	4331	4098	3679	3478	3417	3242	2973	2929	2639	2765	2618	2282	2447	2317	2350	1208	1383	1879
	40-49	4127	4463	3885	4080	3679	3511	3358	3074	3017	3017	2731	2716	2498	2323	2477	2067	2077	1086	1250	1704
	50-59	2834	3010	2838	2701	2511	2375	2406	2364	2258	2377	2300	2317	2351	2194	2396	2051	2058	947	989	1496
	60-69	1606	1701	1481	1547	1431	1530	1434	1493	1473	1566	1497	1613	1623	1635	1714	1599	1544	664	822	1202
	70-79	1098	1189	1079	910	943	912	800	881	818	910	907	932	940	966	1023	1018	1052	454	539	819
80-89	495	521	514	501	414	457	414	477	408	458	426	506	515	554	562	578	559	256	285	427	
90-99	72	78	56	55	55	60	50	68	52	68	83	89	88	114	128	136	100	43	58	79	
Male	All	29885	30267	31252	29600	25146	24118	22428	20510	19289	19030	17155	18425	16970	15916	16720	15310	14820	5709	8799	14051
	0-4	9218	9288	9831	8789	7081	7100	5836	5533	4968	4989	4178	4705	4035	3915	4275	4097	3946	715	2753	4465
	5-9	4646	4930	5533	4991	4357	3764	3916	3356	3296	3001	2817	3325	2736	2516	2569	2177	2064	537	1064	2526
	10-14	2742	2643	2942	2658	2456	2145	2213	1923	1896	1699	1498	1619	1500	1300	1329	1183	1108	332	523	1080
	15-19	2028	1809	1950	1810	1639	1702	1642	1342	1262	1360	1158	1169	1102	1091	969	940	847	349	467	680
	20-29	3778	3794	3563	3419	2986	2974	2741	2596	2413	2421	2227	2214	2286	2070	2118	1949	1862	1075	1214	1434
	30-39	2559	2554	2415	2729	2212	2085	2019	1862	1796	1654	1662	1624	1524	1377	1500	1479	1500	821	823	1137
	40-49	2018	2275	2234	2293	1866	1852	1694	1667	1531	1520	1333	1296	1289	1132	1257	1083	1146	641	611	816
	50-59	1239	1302	1298	1465	1266	1195	1212	1071	1007	1182	1107	1169	1128	1167	1266	1104	1048	586	632	759
	60-69	859	824	726	758	664	690	631	615	585	645	626	717	745	692	773	732	682	333	377	637
	70-79	592	598	519	482	416	391	362	370	340	373	371	350	408	413	420	360	371	199	221	353
80-89	184	232	216	190	181	201	142	162	178	158	159	207	193	199	207	179	198	98	100	143	
90-99	22	18	25	16	22	19	20	13	17	28	19	30	24	44	37	27	48	23	14	21	

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*
<b>Material Resources Quintile<sup>†</sup></b>																				
<b>Q1</b> (least marginalized)	8636	8963	9341	8914	7836	7468	6260	5701	5332	5382	4630	5736	5428	5311	5653	5383	4659	1825	2767	4621
<b>Q2</b>	9855	10227	10239	9721	8313	7997	7321	6924	6597	6548	5868	6619	5946	5749	6027	5645	5918	2225	3556	5641
<b>Q3</b>	11372	11199	11463	10614	8941	8709	8569	8127	7580	7455	6751	7049	6693	6154	6430	5904	5981	2441	3417	5744
<b>Q4</b>	13488	13131	12992	12158	10481	10061	9676	9183	8556	8326	7597	8357	7595	7200	7463	6710	6377	2645	3553	5527
<b>Q5</b> (most marginalized)	16402	17706	17380	16505	14776	13795	13714	12516	12022	11940	11133	10777	10083	9459	9852	9027	9102	3744	5056	7282
<b>Rurality<sup>‡</sup></b>																				
<b>Urban</b>	49234	50334	50239	47398	41513	39655	37286	34686	32818	32978	29961	32436	30255	28891	30211	27936	27151	10954	15815	24589
<b>Rural</b>	12551	12022	12382	11657	9827	9446	8877	8290	7815	7223	6498	6641	6040	5469	5700	5183	5343	2072	2756	4615
<b>Local Health Integration Network</b>																				
1. Erie St. Clair	3276	2862	2811	2662	2390	2278	2014	1834	1735	1687	1525	1636	1526	1405	1247	1290	1221	635	807	1130
2. South West	6180	5698	6062	5649	5048	4907	4466	3966	3718	3434	3014	3303	3089	3109	3421	3076	3090	1226	1760	2802
3. Waterloo Wellington	3382	3289	3152	2877	2665	2310	2193	1995	1944	1984	1698	1881	1670	1552	1635	1515	1460	653	881	1368
4. Hamilton Niagara Haldimand Brant	6395	6474	6224	5670	4963	4777	4360	4009	3762	3842	3460	3687	3610	3301	3341	3148	3037	1519	2034	3132
5. Central West	3115	3281	3372	3290	2886	2813	2753	2495	2385	2475	2110	2591	2466	2381	2914	2576	2418	722	1201	1979
6. Mississauga Halton	3581	3637	3878	3593	3154	2892	2762	2869	2490	2391	2341	2446	2128	2027	2181	1913	1976	708	1101	1900
7. Toronto Central	4437	4585	4659	4564	4013	3733	3460	3272	3148	3176	2950	3059	2768	2595	2749	2495	2493	844	1232	1968
8. Central	4803	5394	5321	4942	4220	4219	3971	3874	3672	3711	3642	3737	3597	3538	3617	3282	3078	1107	1861	3031
9. Central East	7623	8098	7819	7303	6667	6222	6117	5533	5446	5303	4820	5024	4684	4258	4343	3991	3740	1587	2185	3229
10. South East	3044	3179	3311	3405	2728	2637	2236	2190	2100	2095	1828	1923	1925	1755	1999	1756	1785	786	988	1506
11. Champlain	6812	6751	6992	6287	5066	5099	5056	4932	4527	4605	4047	4433	3842	3778	3858	3812	3828	1475	2149	3430
12. North Simcoe Muskoka	2853	2776	2724	2638	2189	2071	1885	1663	1627	1536	1497	1542	1445	1368	1336	1285	1213	538	724	1172
13. North East	4485	4579	4467	4327	3771	3715	3449	3108	2890	2770	2491	2690	2478	2341	2413	2212	2283	901	1200	1855
14. North West	1799	1753	1829	1848	1580	1428	1441	1236	1189	1192	1036	1125	1067	952	857	768	872	325	448	702

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*
<b>Public Health Unit</b>																				
Algoma	1025	989	965	975	825	794	718	697	615	545	511	597	501	501	606	544	486	178	177	302
Brant	729	722	681	656	569	518	526	460	468	463	472	569	573	468	522	491	494	235	328	479
Durham	2658	2852	2709	2591	2372	2250	2348	1962	1999	2037	1734	1734	1667	1552	1632	1486	1372	695	936	1279
Elgin-St Thomas	441	395	417																	
Grey-Bruce	1851	1561	1602	1451	1352	1248	1212	1038	1119	996	907	1008	854	834	939	787	799	280	386	614
Haldimand-Norfolk	622	599	589	517	438	472	373	377	319	371	330	291	342	269	281	254	281	128	170	323
Haliburton Kawartha, Pine Ridge	1414	1387	1395	1172	1047	947	850	818	753	707	679	755	692	614	601	568	557	240	312	471
Halton	1542	1587	1647	1568	1367	1258	1106	1135	1003	962	856	992	872	807	863	852	780	372	557	932
Hamilton	1898	1945	1959	1705	1549	1487	1339	1251	1290	1286	1206	1262	1175	1121	1223	1194	1034	533	812	1167
Hastings Prince Edward	1243	1247	1278	1225	970	914	760	748	643	720	554	578	574	602	627	563	574	246	295	483
Huron	622	587	589																	
Chatham-Kent	923	876	790	691	565	530	444	401	379	335	333	332	359	355	316	309	319	130	171	264
Kingston Frontenac, and Lennox and Addington	937	1001	1025	1182	920	965	744	782	780	698	680	746	801	685	791	678	700	335	452	643
Lambton	975	845	979	860	822	789	690	633	620	573	484	604	531	461	386	428	378	178	275	462
Leeds, Grenville, Lanark	1430	1567	1525	1509	1261	1136	1138	1090	1023	963	824	888	772	737	817	752	737	307	344	583
Middlesex-London	1858	1859	2194	2056	1930	1850	1622	1384	1264	1219	978	1155	1128	1216	1310	1230	1274	489	822	1235
Niagara	2711	2733	2605	2341	2022	1919	1824	1620	1425	1478	1246	1323	1297	1229	1117	1010	1032	479	582	934
North Bay Parry Sound	960	1008	1033	1023	791	757	710	636	603	529	441	504	443	471	417	422	405	188	223	324
Northwestern	670	721	774	857	709	639	686	517	490	445	404	458	466	393	343	336	313	105	172	292
Ottawa	3751	3588	3698	3234	2622	2612	2614	2672	2487	2632	2180	2489	2225	2204	2363	2345	2434	835	1406	2169
Oxford	868	810	803																	
Peel	4234	4441	4671	4339	3811	3669	3627	3486	3238	3237	2963	3287	3017	2889	3491	3009	3018	933	1463	2563
Perth	665	585	578																	
Peterborough	913	939	870	833	666	746	590	553	556	558	509	583	520	453	502	407	422	190	194	298
Porcupine	1145	1180	1038	1008	810	840	929	743	697	715	651	684	685	539	576	531	591	213	324	519
Renfrew	977	879	1019	935	801	865	863	716	636	592	625	646	546	560	518	439	418	176	213	444
Eastern Ontario	1494	1611	1693	1580	1178	1217	1144	1092	1034	1060	987	972	809	727	721	765	723	354	411	603
Simcoe Muskoka	3244	3181	3093	2975	2449	2350	2179	1931	1854	1809	1789	1812	1751	1666	1633	1547	1493	639	892	1392
Sudbury	1049	1120	1150	942	949	963	778	751	732	728	664	701	630	627	610	547	607	264	395	562
Thunder Bay	1129	1032	1055	991	871	789	755	719	699	747	632	667	601	559	514	432	559	220	276	410
Timiskaming	286	265	262	356	388	344	309	263	245	247	221	199	214	199	200	164	191	57	83	143
Waterloo	2105	2093	1942	1741	1584	1417	1377	1239	1110	1123	985	1097	919	935	961	872	877	412	549	858
Wellington-Dufferin-Guelph	1473	1431	1384	1378	1216	1069	989	913	947	951	772	877	812	740	762	754	677	297	395	597
Windsor-Essex	1392	1149	1055	1117	1016	966	883	806	739	782	711	707	640	596	551	554	527	332	365	413
York Region	2241	2743	2700	2539	2128	2031	1881	1884	1721	1760	1663	1794	1652	1634	1770	1595	1544	568	976	1692
Toronto	10310	10828	10854	10437	9418	8843	8429	8042	7698	7627	7225	7503	7021	6614	6693	6134	5810	1965	3037	4781
Southwestern				1145	904	901	925	770	723	721	645	631	716	635	692	653	576	266	314	537
Huron Perth				1126	1020	1006	801	847	724	585	598	632	490	468	563	467	492	187	264	436
<b>Canadian Triage and Acuity Scale (CTAS) Score</b>																				
1	349	364	437	411	572	574	590	669	644	666	641	780	706	764	829	1237	1650	493	1238	2463
2	10572	13096	14989	13792	12969	13040	12252	12086	11645	11746	11165	12661	11596	11369	12098	10864	9894	3449	5799	9604
3	32107	31822	31253	29127	24855	23486	22377	20746	19777	19623	17728	18566	17467	16353	16790	15550	15641	6893	8860	13149
4	15331	14191	13240	13057	10843	10290	9553	8238	7519	7280	6187	6465	5916	5387	5452	4578	4281	1808	2171	3163
5	3140	2729	2517	2436	1861	1546	1112	990	838	782	651	511	515	436	667	821	959	339	468	773

\*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 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.