

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*	
All	All	61786	62356	62621	59055	51343	49101	46163	42977	40633	40201	36459	39077	36292	34352	35896	33084	32427	12930	17912	
	0-4	13601	13806	14508	12986	10574	10342	8528	8222	7424	7379	6165	6843	5941	5893	6335	6245	5920	996	3747	
	5-9	7109	7462	8363	7449	6528	5755	5902	5057	5052	4631	4211	5017	4114	3836	3849	3382	3206	792	1530	
	10-14	4788	4606	4936	4464	4042	3664	3661	3244	3191	2856	2533	2911	2551	2281	2307	1997	2050	631	945	
	15-19	4777	4445	4716	4315	3914	3796	3624	3165	2855	2909	2549	2722	2552	2478	2228	2193	2037	852	1052	
	20-29	9161	8690	8480	8016	6943	6788	6489	5929	5658	5541	5141	5254	5191	4775	4981	4564	4512	2342	2688	
	30-39	7204	7136	6746	6827	5891	5563	5436	5104	4769	4583	4301	4389	4142	3660	3944	3790	3840	2013	2154	
	40-49	6145	6738	6119	6373	5545	5363	5052	4742	4548	4537	4064	4013	3787	3453	3731	3140	3215	1713	1831	
	50-59	4073	4312	4136	4166	3777	3570	3618	3435	3265	3559	3407	3485	3479	3360	3660	3150	3099	1525	1598	
	60-69	2465	2525	2207	2305	2095	2220	2065	2108	2058	2211	2123	2330	2367	2327	2485	2328	2222	995	1165	
	70-79	1690	1787	1598	1392	1362	1303	1162	1251	1158	1283	1278	1281	1348	1379	1443	1376	1422	650	748	
	80-89	679	753	731	691	595	658	556	639	586	616	585	713	708	752	768	756	756	355	383	
	90-99	94	96	81	71	77	79	70	81	69	96	102	119	112	158	165	163	148	66	71	
Female	All	31901	32090	31370	29457	26198	24984	23735	22468	21341	21174	19303	20653	19327	18440	19185	17792	17640	7264	9477	
	0-4	4385	4520	4680	4199	3494	3245	2692	2689	2456	2390	1987	2138	1907	1980	2061	2145	1987	291	1203	
	5-9	2463	2532	2830	2458	2171	1991	1986	1701	1755	1631	1392	1690	1379	1320	1279	1205	1144	261	517	
	10-14	2046	1962	1993	1807	1585	1518	1449	1322	1293	1156	1035	1292	1051	981	978	813	942	300	429	
	15-19	2749	2636	2766	2504	2275	2094	1982	1823	1593	1549	1391	1554	1451	1386	1261	1256	1190	504	595	
	20-29	5381	4896	4917	4597	3958	3813	3748	3333	3245	3122	2915	3042	2906	2708	2864	2620	2653	1272	1502	
	30-39	4645	4582	4331	4098	3679	3478	3417	3242	2973	2930	2639	2765	2619	2283	2446	2313	2348	1199	1357	
	40-49	4127	4463	3885	4080	3679	3511	3358	3075	3017	3017	2731	2716	2498	2321	2475	2065	2073	1077	1231	
	50-59	2834	3010	2838	2701	2511	2375	2405	2364	2258	2377	2300	2317	2351	2193	2396	2047	2052	943	973	
	60-69	1606	1701	1481	1547	1431	1530	1434	1493	1473	1566	1497	1613	1622	1635	1713	1597	1540	664	799	
	70-79	1098	1189	1079	910	946	912	800	881	818	910	907	931	940	966	1023	1018	1052	453	530	
	80-89	495	521	514	501	414	457	414	477	408	458	426	506	515	553	561	577	559	257	284	
	90-99	72	78	56	55	55	60	50	68	52	68	83	89	88	114	128	136	100	43	57	
Male	All	29885	30266	31251	29598	25145	24117	22428	20509	19292	19027	17156	18424	16965	15912	16711	15292	14787	5666	8435	
	0-4	9216	9286	9828	8787	7080	7097	5836	5533	4968	4989	4178	4705	4034	3913	4274	4100	3933	705	2544	
	5-9	4646	4930	5533	4991	4357	3764	3916	3356	3297	3000	2819	3327	2735	2516	2570	2177	2062	531	1013	
	10-14	2742	2644	2943	2657	2457	2146	2212	1922	1898	1700	1498	1619	1500	1300	1329	1184	1108	331	516	
	15-19	2028	1809	1950	1811	1639	1702	1642	1342	1262	1360	1158	1168	1101	1092	967	937	847	348	457	
	20-29	3780	3794	3563	3419	2985	2975	2741	2596	2413	2419	2226	2212	2285	2067	2117	1944	1859	1070	1186	
	30-39	2559	2554	2415	2729	2212	2085	2019	1862	1796	1653	1662	1624	1523	1377	1498	1477	1492	814	797	
	40-49	2018	2275	2234	2293	1866	1852	1694	1667	1531	1520	1333	1297	1289	1132	1256	1075	1142	636	600	
	50-59	1239	1302	1298	1465	1266	1195	1213	1071	1007	1182	1107	1168	1128	1167	1264	1103	1047	582	625	
	60-69	859	824	726	758	664	690	631	615	585	645	626	717	745	692	772	731	682	331	366	
	70-79	592	598	519	482	416	391	362	370	340	373	371	350	408	413	420	358	370	197	218	
	80-89	184	232	217	190	181	201	142	162	178	158	159	207	193	199	207	179	197	98	99	
	90-99	22	18	25	16	22	19	20	13	17	28	19	30	24	44	37	27	48	23	14	

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*
Deprivation Quintile[†]																			
Q1 (least marginalized)	8623	8978	9301	8916	7734	7389	6214	5738	5299	5395	4563	5691	5387	5338	5726	5294	5257	2011	3064
Q2	9769	10299	10212	9764	8340	7983	7430	7087	6705	6494	5871	6626	5995	5762	5963	5545	5454	2158	3228
Q3	11362	11125	11407	10468	8964	8900	8546	8087	7612	7520	6884	7129	6581	6206	6478	6010	5998	2317	3142
Q4	13510	13206	13089	12202	10649	10022	9650	9008	8474	8340	7512	8351	7671	7139	7452	6770	6462	2597	3567
Q5 (most marginalized)	16461	17632	17382	16613	14685	13792	13708	12542	12004	11949	11191	10748	10052	9392	9778	9006	8737	3685	4684
Rurality[‡]																			
Urban	49258	50307	50315	47378	41527	39642	37253	34684	32793	32958	29912	32454	30252	28886	30211	27908	27080	10871	15255
Rural	12528	12049	12306	11677	9816	9459	8910	8293	7840	7243	6547	6623	6040	5466	5685	5176	5347	2059	2657
Local Health Integration Network																			
1. Erie St. Clair	3276	2862	2811	2662	2390	2278	2014	1834	1735	1687	1525	1636	1525	1403	1247	1288	1216	630	780
2. South West	6177	5694	6070	5661	5049	4915	4464	3967	3709	3432	3006	3296	3087	3100	3429	3061	3080	1214	1670
3. Waterloo Wellington	3313	3241	3113	2836	2605	2263	2163	1961	1918	1939	1679	1857	1653	1541	1613	1509	1442	644	848
4. Hamilton Niagara Haldimand Brant	6416	6495	6233	5679	4976	4783	4364	4021	3766	3849	3471	3697	3622	3307	3349	3154	3035	1497	1955
5. Central West	3231	3384	3485	3376	2974	2899	2811	2531	2449	2548	2147	2619	2485	2395	2927	2574	2427	721	1188
6. Mississauga Halton	3562	3616	3863	3577	3148	2885	2759	2859	2482	2388	2331	2442	2122	2024	2175	1908	1968	707	1066
7. Toronto Central	4462	4604	4701	4579	4026	3745	3469	3284	3159	3190	2959	3074	2774	2613	2765	2506	2490	846	1204
8. Central	4695	5298	5220	4873	4162	4149	3925	3839	3615	3657	3606	3701	3572	3516	3585	3259	3065	1102	1793
9. Central East	7648	8126	7798	7297	6670	6239	6131	5543	5464	5315	4838	5047	4695	4263	4353	3997	3742	1580	2130
10. South East	3017	3171	3297	3407	2706	2627	2217	2176	2078	2080	1822	1913	1919	1745	1986	1741	1767	787	955
11. Champlain	6834	6759	7005	6285	5085	5108	5074	4947	4549	4620	4054	4443	3848	3785	3861	3823	3832	1453	2030
12. North Simcoe Muskoka	2864	2757	2718	2635	2185	2060	1868	1659	1620	1535	1496	1537	1442	1363	1333	1289	1206	531	693
13. North East	4492	4596	4478	4340	3787	3722	3463	3120	2900	2769	2489	2690	2481	2346	2416	2209	2285	895	1170
14. North West	1799	1753	1829	1848	1580	1428	1441	1236	1189	1192	1036	1125	1067	951	857	766	872	323	430

Asthma Emergency Department Visits (cont'd)

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	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020*	2021*	
Public Health Unit																				
Algoma	1032	990	954	959	814	789	711	691	611	541	503	596	507	497	604	541	488	174	178	
Brant	726	722	679	651	564	518	535	463	465	466	480	564	575	466	527	483	514	235	315	
Durham	2659	2861	2714	2589	2377	2258	2347	1960	1998	2038	1739	1742	1679	1559	1635	1486	1366	696	892	
Elgin-St Thomas	426	394	407	409	302	318	336	272	266	240	219	.	.	.	.	.	.	.	.
Grey-Bruce	1845	1556	1614	1437	1350	1253	1216	1045	1107	997	906	1018	854	831	937	795	803	276	366	
Haldimand-Norfolk	628	612	599	506	445	475	362	376	321	380	332	299	346	271	277	259	261	115	160	
Haliburton Kawartha, Pine Ridge	1452	1362	1402	1178	1039	957	868	842	777	721	673	742	681	617	597	559	558	241	302	
Halton	1533	1578	1655	1564	1370	1258	1106	1134	1001	960	859	995	869	808	862	855	778	371	527	
Hamilton	1897	1948	1957	1708	1547	1487	1337	1255	1292	1288	1208	1262	1180	1119	1215	1195	1033	529	777	
Hastings Prince Edward	1236	1254	1282	1213	976	919	753	748	638	711	548	571	579	603	623	562	572	242	293	
Huron	630	594	582	649	607	591	494	552	454	362	371	349	277	262	328	260	278	97	112	
Chatham-Kent	937	870	796	706	576	532	452	399	391	341	340	333	358	345	319	308	293	121	155	
Kingston Frontenac, and Lennox and Addington	939	1000	1029	1193	921	956	741	774	781	699	686	754	801	681	789	676	697	338	439	
Lambton	972	852	983	852	816	790	686	632	617	572	477	608	532	469	387	432	403	180	272	
Leeds, Grenville, Lanark	1428	1587	1539	1511	1254	1132	1159	1102	1029	971	840	886	769	733	816	757	746	305	337	
Middlesex-London	1860	1874	2212	2073	1934	1850	1631	1391	1271	1217	981	1154	1127	1217	1311	1226	1265	487	783	
Niagara	2706	2728	2596	2343	2014	1913	1820	1614	1425	1474	1242	1324	1297	1232	1118	1009	1029	473	563	
North Bay Parry Sound	961	1006	1026	1012	781	754	700	644	597	527	440	503	440	475	418	424	406	186	212	
Northwestern	672	720	771	857	712	639	686	520	496	448	406	456	467	394	345	335	314	105	163	
Ottawa	3755	3573	3688	3231	2625	2620	2608	2680	2481	2629	2167	2499	2227	2210	2368	2344	2428	828	1311	
Oxford	880	802	809	746	614	584	593	506	456	476	418	.	.	.	.	.	.	.	.
Peel	4230	4440	4670	4341	3808	3669	3628	3486	3236	3238	2963	3289	3019	2894	3495	3007	3026	937	1439	
Perth	656	571	561	462	411	418	288	290	270	221	225	280	213	207	237	211	217	94	134	
Peterborough	890	946	845	833	659	727	579	532	534	548	512	584	518	448	504	407	421	182	188	
Porcupine	1145	1180	1038	1008	810	840	928	738	698	715	653	683	684	539	577	529	591	215	313	
Renfrew	977	873	1015	923	797	866	852	710	635	586	623	653	551	559	516	441	419	173	207	
Eastern Ontario	1492	1613	1696	1580	1185	1216	1143	1082	1036	1061	986	966	811	726	714	761	711	346	387	
Simcoe Muskoka	3249	3178	3097	2995	2463	2359	2189	1935	1862	1814	1792	1813	1750	1664	1634	1534	1474	634	858	
Sudbury	1044	1122	1162	953	957	970	790	756	733	731	672	698	625	630	609	551	604	260	385	
Thunder Bay	1127	1033	1058	991	868	789	755	718	696	746	631	669	600	557	512	431	558	218	267	
Timiskaming	286	266	263	362	390	344	308	266	242	246	218	201	214	199	199	164	189	57	77	
Waterloo	2105	2084	1949	1748	1587	1422	1379	1233	1113	1126	983	1096	920	936	958	871	876	406	531	
Wellington-Dufferin-Guelph	1485	1447	1364	1382	1211	1052	993	893	956	947	770	864	801	741	761	732	658	288	382	
Windsor-Essex	1387	1146	1050	1113	1009	969	880	809	729	778	711	704	639	595	548	550	524	332	354	
York Region	2229	2746	2704	2540	2131	2024	1881	1887	1720	1759	1660	1793	1648	1626	1770	1602	1546	564	950	
Southwestern	.	.	.	.	.	.	.	.	.	.	.	625.00	714.00	629.00	691.00	654.00	574.00	260.00	299.00
Toronto	10310	10828	10855	10437	9419	8843	8429	8042	7699	7627	7225	7504	7020	6613	6695	6133	5807	1965	2984	
Canadian Triage and Acuity Scale (CTAS) Score																				
1	349	364	437	411	572	574	590	669	644	666	641	780	706	764	830	1237	1646	491	1199	
2	10572	13096	14988	13792	12970	13040	12252	12086	11645	11746	11165	12661	11595	11368	12098	10863	9878	3424	5562	
3	32108	31822	31254	29127	24857	23486	22377	20747	19777	19623	17728	18566	17467	16347	16783	15522	15603	6843	8576	
4	15331	14191	13240	13057	10843	10290	9553	8238	7519	7280	6187	6465	5914	5386	5443	4574	4273	1790	2096	
5	3140	2729	2517	2436	1861	1546	1112	990	838	782	651	511	515	436	667	820	958	338	446	

* Reporting period is from April 2003 to March 2022. Data for 2020 and 2021 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 2014 and now the PHU is named Southwestern Public Health (2275).

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