

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*
All	All	61790	62356	62624	59054	51341	49103	46163	42978	40632	40197	36461	39061	36224	34288	35702	32280
	0-4	13602	13805	14509	12986	10573	10343	8528	8222	7424	7377	6164	6841	5937	5888	6306	5929
	5-9	7109	7462	8363	7449	6528	5755	5902	5057	5054	4631	4214	5016	4114	3839	3841	3316
	10-14	4788	4606	4937	4464	4042	3664	3661	3245	3191	2856	2533	2913	2548	2278	2308	1958
	15-19	4778	4445	4716	4314	3914	3796	3624	3165	2855	2909	2549	2728	2554	2477	2218	2170
	20-29	9162	8690	8481	8017	6943	6788	6491	5929	5658	5542	5143	5249	5186	4773	4942	4490
	30-39	7204	7136	6746	6827	5891	5563	5434	5104	4769	4583	4300	4386	4124	3649	3913	3714
	40-49	6145	6738	6119	6373	5545	5364	5052	4742	4545	4534	4063	4009	3775	3433	3707	3061
	50-59	4073	4313	4136	4165	3777	3570	3619	3435	3265	3559	3407	3480	3458	3344	3638	3085
	60-69	2465	2525	2207	2305	2095	2220	2064	2108	2059	2211	2123	2329	2361	2317	2466	2285
	70-79	1691	1787	1598	1392	1361	1303	1162	1251	1157	1283	1278	1279	1347	1376	1434	1362
80-89	679	753	731	691	595	658	556	639	586	616	585	712	708	756	765	748	
90-99	94	96	81	71	77	79	70	81	69	96	102	119	112	158	164	162	
Female	All	31887	32083	31372	29460	26189	24988	23736	22471	21338	21170	19309	20644	19289	18398	19058	17399
	0-4	4379	4518	4683	4202	3491	3250	2691	2690	2457	2389	1986	2136	1907	1976	2051	2035
	5-9	2456	2531	2829	2455	2167	1992	1986	1701	1754	1632	1395	1689	1381	1322	1274	1180
	10-14	2046	1961	1997	1807	1583	1517	1450	1322	1292	1156	1037	1294	1051	980	980	792
	15-19	2747	2632	2765	2506	2275	2094	1982	1823	1593	1551	1391	1558	1458	1384	1252	1238
	20-29	5382	4897	4917	4600	3959	3813	3749	3332	3245	3119	2918	3039	2903	2704	2835	2571
	30-39	4644	4582	4330	4098	3679	3477	3417	3243	2972	2930	2638	2763	2603	2279	2422	2264
	40-49	4127	4463	3883	4080	3679	3511	3358	3077	3015	3014	2731	2714	2489	2310	2458	2026
	50-59	2834	3010	2838	2699	2511	2375	2406	2364	2259	2377	2300	2314	2337	2182	2383	2007
	60-69	1606	1701	1481	1547	1431	1530	1433	1493	1474	1566	1497	1613	1618	1628	1698	1570
	70-79	1099	1189	1079	910	945	912	800	881	817	910	907	930	939	964	1018	1009
80-89	495	521	514	501	414	457	414	477	408	458	426	505	515	555	560	572	
90-99	72	78	56	55	55	60	50	68	52	68	83	89	88	114	127	135	
Male	All	29903	30273	31252	29594	25152	24115	22427	20507	19294	19027	17152	18417	16935	15890	16644	14881
	0-4	9223	9287	9826	8784	7082	7093	5837	5532	4967	4988	4178	4705	4030	3912	4255	3894
	5-9	4653	4931	5534	4994	4361	3763	3916	3356	3300	2999	2819	3327	2733	2517	2567	2136
	10-14	2742	2645	2940	2657	2459	2147	2211	1923	1899	1700	1496	1619	1497	1298	1328	1166
	15-19	2031	1813	1951	1808	1639	1702	1642	1342	1262	1358	1158	1170	1096	1093	966	932
	20-29	3780	3793	3564	3417	2984	2975	2742	2597	2413	2423	2225	2210	2283	2069	2107	1919
	30-39	2560	2554	2416	2729	2212	2086	2017	1861	1797	1653	1662	1623	1521	1370	1491	1450
	40-49	2018	2275	2236	2293	1866	1853	1694	1665	1530	1520	1332	1295	1286	1123	1249	1035
	50-59	1239	1303	1298	1466	1266	1195	1213	1071	1006	1182	1107	1166	1121	1162	1255	1078
	60-69	859	824	726	758	664	690	631	615	585	645	626	716	743	689	768	715
	70-79	592	598	519	482	416	391	362	370	340	373	371	349	408	412	416	353
80-89	184	232	217	190	181	201	142	162	178	158	159	207	193	201	205	176	
90-99	22	18	25	16	22	19	20	13	17	28	19	30	24	44	37	27	

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*
Deprivation Quintile[†]																
Q1 (least marginalized)	8536	8967	9305	8955	7748	7453	6192	5695	5312	5449	4625	5767	5400	5317	5710	5154
Q2	9958	10205	10236	9711	8250	7912	7427	6988	6592	6440	5857	6579	6055	5770	6028	5584
Q3	11324	11202	11496	10493	9085	8824	8604	8192	7580	7600	6841	7187	6588	6261	6358	5783
Q4	13493	13234	12992	12182	10469	10065	9679	9089	8566	8258	7573	8311	7645	7178	7421	6587
Q5 (most marginalized)	16486	17613	17397	16593	14764	13814	13664	12527	12040	11962	11101	10778	10047	9340	9769	8808
Rurality[‡]																
Urban	49219	50306	50261	47359	41494	39684	37252	34716	32807	32958	29956	32361	30179	28822	30021	27236
Rural	12571	12050	12363	11695	9847	9419	8911	8262	7825	7239	6505	6700	6045	5466	5681	5044
Local Health Integration Network																
1. Erie St. Clair	3276	2862	2811	2660	2390	2277	2014	1834	1735	1688	1525	1633	1523	1402	1239	1258
2. South West	6177	5694	6072	5662	5049	4919	4464	3966	3707	3433	3007	3292	3076	3092	3404	2985
3. Waterloo Wellington	3314	3242	3112	2835	2605	2261	2163	1961	1918	1939	1679	1855	1652	1538	1606	1475
4. Hamilton Niagara Haldimand Brant	6417	6496	6234	5680	4975	4783	4366	4022	3769	3847	3471	3694	3610	3299	3336	3078
5. Central West	3231	3382	3486	3378	2977	2898	2812	2531	2449	2546	2147	2619	2483	2391	2910	2510
6. Mississauga Halton	3562	3616	3863	3578	3147	2890	2760	2857	2482	2390	2332	2443	2119	2023	2167	1881
7. Toronto Central	4463	4604	4698	4578	4025	3743	3467	3288	3158	3189	2962	3075	2774	2619	2769	2456
8. Central	4696	5298	5223	4872	4159	4151	3924	3839	3614	3657	3603	3701	3565	3506	3566	3200
9. Central East	7648	8126	7797	7296	6669	6236	6131	5542	5464	5315	4835	5045	4690	4258	4336	3931
10. South East	3017	3171	3297	3407	2706	2627	2217	2176	2078	2079	1822	1917	1917	1743	1970	1684
11. Champlain	6834	6759	7006	6284	5085	5108	5074	4947	4550	4618	4057	4432	3838	3775	3826	3665
12. North Simcoe Muskoka	2864	2757	2720	2636	2187	2059	1868	1659	1620	1535	1496	1538	1437	1369	1329	1266
13. North East	4492	4596	4476	4340	3787	3723	3462	3120	2900	2769	2489	2693	2475	2331	2396	2143
14. North West	1799	1753	1829	1848	1580	1428	1441	1236	1188	1192	1036	1124	1065	942	848	748

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*
Public Health Unit																
Algoma	1030	991	967	968	818	791	713	697	613	544	511	592	501	494	591	513
Brant	726	720	676	656	565	524	521	452	465	469	478	521	531	443	484	438
Durham	2649	2855	2707	2584	2367	2258	2343	1964	2002	2036	1738	1739	1679	1555	1630	1461
Elgin-St Thomas	429	396	416	404	298	316	331	277	259	235	211	271	248	242	231	249
Grey-Bruce	1850	1567	1600	1452	1362	1263	1213	1040	1106	1002	922	1003	848	826	935	770
Haldimand-Norfolk	636	606	594	517	444	472	381	391	327	367	339	344	385	297	316	279
Haliburton Kawartha, Pine Ridge	1438	1364	1402	1187	1044	948	864	836	754	723	688	759	684	619	600	549
Halton	1538	1588	1648	1568	1361	1252	1109	1136	1007	961	862	997	873	815	860	835
Hamilton	1895	1949	1956	1704	1557	1492	1342	1258	1291	1281	1205	1261	1171	1117	1217	1154
Hastings Prince Edward	1243	1252	1276	1221	975	920	757	738	641	713	546	568	571	603	617	546
Huron	628	616	598	652	591	573	506	541	455	366	356	358	273	267	321	259
Chatham-Kent	934	874	803	712	578	522	447	399	386	348	331	329	361	352	319	295
Kingston Frontenac, and Lennox and Addington	940	995	1027	1195	918	962	744	780	780	697	685	750	801	678	784	657
Lambton	966	840	972	834	812	782	692	629	622	563	477	607	536	460	380	424
Leeds, Grenville, Lanark	1461	1583	1536	1520	1275	1145	1141	1085	1031	979	831	884	763	732	811	728
Middlesex-London	1874	1869	2203	2070	1935	1857	1630	1389	1269	1222	985	1139	1098	1190	1285	1178
Niagara	2707	2728	2595	2342	2011	1917	1819	1609	1427	1482	1243	1322	1294	1225	1115	1007
North Bay Parry Sound	962	1012	1035	1029	792	749	698	632	588	528	435	509	443	471	418	417
Northwestern	672	722	770	857	711	639	687	518	494	445	405	455	463	390	340	327
Ottawa	3734	3576	3693	3214	2610	2611	2623	2701	2481	2624	2181	2487	2225	2207	2342	2237
Oxford	871	809	814	743	614	578	593	500	457	484	421	367	487	408	467	408
Peel	4229	4440	4661	4342	3811	3671	3629	3485	3237	3238	2964	3289	3014	2887	3472	2945
Perth	654	549	564	461	416	417	291	303	269	221	225	272	216	204	237	194
Peterborough	890	953	862	822	661	732	586	540	556	546	504	582	516	448	498	400
Porcupine	1134	1197	1040	1008	810	842	928	738	698	712	651	683	683	539	574	519
Renfrew	971	879	1018	923	801	863	860	717	639	592	623	644	543	551	501	422
Eastern Ontario	1486	1611	1691	1582	1179	1212	1136	1075	1032	1053	981	974	812	726	717	733
Simcoe Muskoka	3247	3174	3087	2970	2448	2343	2183	1929	1867	1809	1800	1813	1754	1675	1622	1514
Sudbury	1045	1117	1142	947	955	974	788	754	733	729	663	703	627	625	611	534
Thunder Bay	1127	1015	1057	991	869	789	755	719	695	750	631	669	602	552	508	421
Timiskaming	298	265	263	362	393	345	308	267	244	248	221	201	213	193	199	157
Waterloo	2106	2091	1947	1752	1583	1419	1377	1228	1109	1122	981	1093	915	938	959	851
Guelph	1480	1427	1391	1368	1219	1076	979	907	952	943	763	874	803	728	753	717
Windsor-Essex	1386	1151	1048	1116	1012	973	880	810	733	778	719	706	635	595	544	542
York Region	2241	2747	2710	2545	2129	2031	1882	1890	1716	1761	1663	1790	1637	1625	1757	1570
Toronto	10313	10828	10855	10436	9417	8845	8427	8044	7697	7626	7222	7506	7019	6611	6687	6030
Canadian Triage and Acuity Scale (CTAS) Score																
1	349	364	437	411	571	574	590	669	644	665	640	780	705	764	828	1220
2	10572	13096	14989	13792	12969	13040	12252	12086	11643	11744	11164	12652	11581	11369	12067	10603
3	32111	31822	31255	29126	24857	23487	22377	20748	19778	19622	17731	18563	17423	16293	16679	15161
4	15332	14191	13241	13057	10843	10291	9553	8238	7519	7280	6188	6463	5907	5377	5391	4435
5	3140	2729	2517	2436	1861	1546	1112	990	838	782	651	510	513	434	662	796

*Reporting period is from April 2003 to March 2019. Data for 2017 and 2018 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.

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