

Asthma Incidence

		Asthma Incidence																												
Sex	Age Group	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023*	2024*
All	All	102892	98823	97615	92956	91419	82671	77197	74800	74149	74819	71520	64580	64068	63804	60819	59148	57268	56503	58087	55687	54572	55910	52096	50833	36176	49507	71212	62232	42077
	0-4	30944	29431	29334	28048	27940	25867	24516	24446	24291	24907	23888	21641	22277	22136	21688	20657	19827	19070	20217	19145	18689	18619	17248	14914	4089	16005	26647	17980	11047
	5-9	9475	9413	10042	9717	9782	8549	7969	7899	7967	8615	7675	7006	6650	7460	6824	7004	6348	6111	6713	5996	5816	6028	5326	4935	2794	4196	10596	9462	5784
	10-14	6184	5987	5842	5478	5393	4912	4810	4479	4637	4742	4323	4036	3723	3925	3513	3404	3063	2884	3244	3281	3180	3330	3078	2921	1946	2243	3701	3726	3491
	15-19	5062	4392	4225	3913	3681	3367	3155	2999	2706	2764	2625	2368	2306	2356	2094	2028	1906	1905	1978	1875	1800	1861	1761	1636	1354	1547	1928	1893	1508
	20-29	9582	8725	8308	7801	7369	6469	6057	5602	5450	5355	5096	4443	4369	4135	3821	3526	3508	3460	3332	3301	3274	3333	3422	3601	3915	3866	4053	3975	2725
	30-39	11607	11048	10808	9901	9713	8225	7702	7137	6964	6598	6347	5440	5192	5041	4779	4538	4362	4392	4090	3822	3856	3974	3707	4089	4209	4281	4699	4729	3355
	40-49	9489	9160	9163	8657	8815	7883	7507	7280	7258	7225	6930	6183	6015	5899	5375	5184	4871	4890	4606	4457	4059	4282	3737	4175	4160	3964	4328	4365	3043
	50-59	6718	6945	6955	6893	6772	6214	5688	5435	5616	5529	5589	5192	5148	4897	4737	4678	4845	4984	4885	4784	4664	4810	4454	4694	4664	4243	4494	4483	3003
	60-69	6453	6283	5935	5615	5384	4879	4425	4265	4094	4106	4216	4108	3994	3928	3948	4100	4188	4345	4536	4516	4668	4609	4473	4712	4425	4438	5040	5426	3720
70+	7378	7439	7003	6933	6570	6306	5368	5258	5166	4978	4831	4163	4394	4027	4040	4029	4350	4462	4486	4510	4566	5064	4890	5156	4620	4724	5726	6193	4401	
Female	All	54608	51991	51085	48211	47630	42320	39524	38047	37885	37815	36101	32639	32070	32102	30520	29606	28691	28568	29088	28088	27580	28065	26420	26138	19743	25155	35375	31730	21514
	0-4	12527	11644	11784	11006	11256	10148	9572	9563	9665	9699	9458	8580	8677	8734	8657	8221	7797	7617	8051	7678	7602	7392	7043	5944	1560	6531	11142	7502	4574
	5-9	4294	4202	4453	4271	4364	3741	3419	3425	3475	3725	3348	2982	2847	3290	2968	2983	2717	2591	2828	2602	2442	2528	2294	2080	1117	1720	4590	4219	2578
	10-14	3181	3025	2923	2690	2689	2438	2472	2335	2390	2353	2182	2032	1930	2002	1775	1736	1538	1498	1698	1727	1674	1775	1632	1585	1017	1105	1818	1832	1667
	15-19	3244	2738	2684	2442	2350	2156	1968	1942	1749	1765	1699	1510	1422	1473	1289	1300	1250	1227	1322	1209	1146	1193	1172	1054	870	953	1156	1155	892
	20-29	5913	5342	5091	4748	4467	3973	3662	3407	3370	3334	3086	2757	2704	2584	2389	2199	2172	2152	2053	2063	2052	2010	2116	2211	2444	2414	2570	2512	1683
	30-39	7110	6793	6554	6023	5789	4928	4658	4201	4122	3948	3729	3188	2984	3034	2925	2738	2630	2689	2466	2247	2329	2376	2192	2412	2465	2556	2902	2851	2021
	40-49	5994	5788	5638	5359	5421	4757	4621	4365	4366	4325	4089	3685	3597	3503	3139	3110	2876	2893	2719	2624	2448	2521	2253	2507	2487	2404	2696	2661	1827
	50-59	4235	4375	4282	4225	4198	3747	3424	3239	3389	3305	3278	3067	3017	2914	2726	2625	2745	2850	2759	2712	2602	2675	2438	2681	2674	2349	2494	2496	1682
	60-69	3743	3634	3487	3324	3140	2739	2520	2425	2316	2373	2403	2425	2312	2284	2314	2341	2406	2505	2628	2566	2646	2606	2484	2685	2456	2430	2809	3022	2099
70+	4367	4450	4189	4123	3956	3693	3208	3145	3043	2988	2829	2413	2580	2284	2338	2353	2560	2546	2564	2660	2639	2989	2796	2979	2653	2693	3198	3480	2491	
Male	All	48284	46832	46530	44745	43789	40351	37673	36753	36264	37004	35419	31941	31998	31702	30299	29542	28577	27935	28999	27599	26992	27845	25676	24695	16433	24352	35837	30502	20563
	0-4	18417	17787	17550	17042	16684	15719	14944	14883	14626	15208	14430	13061	13600	13402	13031	12436	12030	11453	12166	11467	11087	11227	10205	8970	2529	9474	15505	10478	6473
	5-9	5181	5211	5589	5446	5418	4808	4550	4474	4492	4890	4327	4024	3803	4170	3856	4021	3631	3520	3885	3394	3374	3500	3032	2855	1677	2476	6006	5243	3206
	10-14	3003	2962	2919	2788	2704	2474	2338	2144	2247	2389	2141	2004	1793	1923	1738	1668	1525	1386	1546	1554	1506	1555	1446	1336	929	1138	1883	1894	1824
	15-19	1818	1654	1541	1471	1331	1211	1187	1057	957	999	926	858	884	883	805	728	656	678	656	666	654	668	589	582	484	594	772	738	616
	20-29	3669	3383	3217	3053	2902	2496	2395	2195	2080	2021	2010	1686	1665	1551	1432	1327	1336	1308	1279	1238	1222	1323	1306	1390	1471	1452	1483	1463	1042
	30-39	4497	4255	4254	3878	3924	3297	3044	2936	2842	2650	2618	2252	2208	2007	1854	1800	1732	1703	1624	1575	1527	1598	1515	1677	1744	1725	1797	1878	1334
	40-49	3495	3372	3525	3298	3394	3126	2886	2915	2892	2900	2841	2498	2418	2396	2236	2074	1995	1997	1887	1833	1611	1761	1484	1668	1673	1560	1632	1704	1216
	50-59	2483	2570	2673	2668	2574	2467	2264	2196	2227	2224	2311	2125	2131	1983	2011	2053	2100	2134	2126	2072	2062	2135	2016	2013	1990	1894	2000	1987	1321
	60-69	2710	2649	2448	2291	2244	2140	1905	1840	1778	1733	1813	1683	1682	1644	1634	1759	1782	1840	1908	1950	2022	2003	1989	2027	1969	2008	2231	2404	1621
70+	3011	2989	2814	2810	2614	2613	2160	2113	2123	1990	2002	1750	1814	1743	1702	1676	1790	1916	1922	1850	1927	2075	2094	2177	1967	2031	2528	2713	1910	

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	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023*	2024*
Material Resources Quintile[†]																													
Q1 (least marginalized)	16862	16201	16777	16827	17252	16220	15767	15792	14410	15599	15581	14620	14799	10095	9577	9233	8884	8470	11959	11720	11742	11890	11470	9301	6883	9462	13675	12565	8405
Q2	18685	17857	17990	16484	16705	15167	14112	13691	13848	14288	13449	12169	11848	11296	10695	10293	9924	9945	11535	11359	10907	11387	10432	10782	7690	11116	16299	13803	9644
Q3	19871	18983	18467	17539	16995	15244	14193	13653	13706	13986	13141	11786	11624	11971	11348	10859	10745	10721	10763	10118	9998	10353	9595	10206	7233	9964	14770	12607	8504
Q4	20401	19861	19153	18202	17502	15488	14397	14047	14029	13425	12786	11506	11113	13244	12730	12737	12154	12278	10807	10266	9983	10206	9498	9380	6550	8843	12565	11028	7522
Q5 (most marginalized)	24476	23418	22888	21595	20755	18564	16849	15749	17263	16711	15725	13781	13941	16901	16190	15758	15300	14852	12733	11946	11667	11811	10853	10964	7707	9950	13633	11982	7835
Income Quintile																													
Q1 (lowest)	23907	23004	22353	21544	20723	18381	16920	15926	17004	16664	15711	14019	14118	13635	13089	12719	12435	11952	12992	12354	11917	12134	11335	11395	7961	10291	14044	12601	8205
Q2	21038	20430	19784	19433	18937	16850	15715	14892	15262	15150	14498	13116	12852	12493	12034	11722	11236	11281	11837	11168	10959	11124	10337	10041	7235	9593	13646	12217	8153
Q3	20194	19489	19126	18333	18226	16562	15329	15215	14731	15034	14528	13079	12912	12765	12191	12006	11393	11239	11472	10978	10945	11335	10595	10161	7208	10098	14962	12400	8599
Q4	19742	18935	18975	17231	17156	16037	15270	15245	14112	14589	13969	12930	12810	13221	12703	12107	11954	11947	11413	11107	10934	11223	10486	9892	7039	10080	15024	12664	8760
Q5 (highest)	17772	16752	17187	16183	16157	14664	13767	13327	12791	13177	12602	11279	11172	11485	10627	10411	10061	9896	10356	10061	9806	10085	9331	9330	6716	9431	13519	12338	8351
Rurality[‡]																													
Rural	12554	12010	11745	10466	10014	9074	8244	7711	6989	6830	6178	5346	5263	5002	4659	4583	4278	4052	3831	3761	3629	3790	3614	3472	2553	3265	4547	3869	2546
Urban	90338	86813	85870	82490	81405	73597	68953	67089	67160	67989	65342	59234	58805	58802	56160	54565	52990	52451	54256	51926	50943	52120	48482	47361	33623	46242	66665	58363	39531
Local Health Integration Network																													
1. Erie St. Clair	4869	4974	4939	4365	4385	4382	3906	3928	3903	3804	3392	2940	2835	2802	2717	2569	2304	2370	2539	2669	2815	2775	2534	2494	1869	2465	3439	3084	2127
2. South West	6359	5976	5730	5560	5460	5113	4560	4230	4000	3984	3888	3578	3846	3650	3467	3337	3213	2784	3119	3116	3040	3221	3078	3133	2469	3358	4201	3732	2258
3. Waterloo Wellington	4622	4101	3888	4080	4034	3547	3203	3431	3381	3576	3190	2705	2649	2539	2598	2527	2357	2152	2227	2161	2162	2202	2249	2239	1676	2405	3374	3070	2090
4. Hamilton Niagara Haldimand Brant	9840	9386	9336	9068	9000	8033	7266	6945	7084	7122	6332	5801	5699	5731	5513	5305	5106	5171	5147	5153	4990	5380	5007	5000	3852	4856	6206	5574	3675
5. Central West	6464	6410	6254	6205	6222	5807	5652	5921	6095	6366	6277	5821	5850	5789	5643	5709	5302	5275	5375	5019	5175	5311	4903	4576	2885	4472	7422	5681	4000
6. Mississauga Halton	8979	8600	8648	7859	7685	6862	6532	6489	6634	6644	6647	6516	6188	6303	6242	5924	5885	5918	5925	5362	5222	5294	5107	4896	3425	5091	8087	7245	4541
7. Toronto Central	10882	10759	10157	9774	9617	8457	7610	7344	7156	7045	6751	5978	6034	5870	5514	5499	5401	5438	5456	5495	5422	5393	5000	4909	3383	4498	6249	6018	4207
8. Central	12981	12776	12604	11873	12360	11009	10611	10004	10658	11086	10875	9591	9671	9902	9180	9077	9052	9393	9638	9435	8852	9138	8318	8225	4864	7724	11966	10198	7569
9. Central East	13797	13129	12993	12194	11965	10643	10127	9945	9634	9124	9089	8569	8144	8176	7523	7480	7186	6931	7088	6802	6573	6887	6150	5897	4261	5697	7400	6581	4415
10. South East	3782	3399	3319	3258	3094	2622	2512	2442	2429	2482	2126	1843	1830	1842	1828	1647	1693	1515	1713	1581	1590	1543	1514	1591	1117	1334	1873	1610	1193
11. Champlain	11024	10596	10681	10023	9670	8725	8287	7557	6890	7580	7458	6456	6686	6791	6519	5983	5893	5610	5801	5261	5193	5265	4991	4735	4053	4585	6597	5789	3599
12. North Simcoe Muskoka	2817	2588	2666	2527	2442	2345	2245	2192	2120	2136	1918	1669	1544	1507	1514	1491	1387	1445	1420	1402	1369	1352	1253	1263	932	1319	1978	1614	1105
13. North East	4624	4280	4622	4299	4009	3673	3369	3241	3061	2783	2651	2357	2252	2115	1878	1885	1839	1874	1875	1525	1542	1588	1500	1355	1056	1248	1845	1521	949
14. North West	1852	1849	1778	1871	1476	1453	1317	1131	1104	1087	926	756	840	787	683	715	650	627	764	706	627	561	492	520	334	455	575	515	349

Asthma Incidence (cont'd)

Public Health Unit	Asthma Incidence																												
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023*	2024*
Algoma	927	789	746	699	686	641	451	483	502	504	522	473	410	385	356	376	348	382	453	355	342	331	301	258	185	216	281	269	215
Brant	1279	1310	1203	1054	1079	990	889	807	889	802	718	602	554	550	482	459	475	437	523	496	481	501	439	485	339	485	606	524	397
Durham	5189	4866	4812	4590	4506	3912	3723	3901	3742	3609	3545	3554	3239	3377	2971	3125	2844	2741	2833	2692	2594	2738	2489	2380	1834	2581	3193	2628	1782
Elgin-St Thomas	567	579	522	505	489	510	462	396	339	372																			
Grey-Bruce	1143	988	947	993	955	797	747	631	617	615	547	467	461	436	432	476	432	338	401	339	316	326	300	338	197	326	450	331	251
Haldimand-Norfolk	767	786	687	735	716	663	614	643	594	548	470	424	469	417	365	352	317	335	313	324	326	369	308	312	215	284	500	345	223
Ridge	1566	1349	1399	1302	1251	1063	1113	984	893	839	716	645	619	634	559	526	503	484	551	617	563	569	578	632	426	521	589	576	374
Halton	3159	2830	2995	2918	2915	2539	2382	2281	2432	2510	2343	2258	2324	2501	2389	2247	2277	2293	2349	2278	2257	2365	2350	2404	1698	2602	3961	3605	2167
Hamilton	3317	3155	3119	3174	3128	2822	2388	2333	2482	2527	2302	2053	2080	2206	2059	1993	1874	1928	1915	1859	1776	2128	2017	2102	1618	1995	2471	2227	1447
Hastings Prince Edward	1430	1201	1139	1039	972	800	804	746	751	736	657	543	584	558	518	430	473	401	481	485	495	465	445	485	356	444	582	495	383
Huron	480	392	401	424	381	341	305	265	207	230																			
Chatham-Kent	1081	1120	1012	951	793	862	671	599	626	513	458	371	358	354	291	249	250	258	271	327	396	315	277	193	276	347	320	181	
Kingston Frontenac, and Lennox and Addington	1348	1281	1311	1325	1288	1082	985	1047	978	1014	870	767	743	732	751	681	695	599	670	621	619	628	623	681	466	546	787	648	549
Lambton	1089	1096	1111	953	935	859	714	696	717	726	714	577	577	624	586	572	505	452	402	412	439	388	365	366	199	300	420	310	188
Leeds, Grenville, Lanark	1267	1238	1267	1246	1174	1111	1057	969	905	979	817	724	693	753	734	685	678	661	730	616	626	589	601	559	416	466	686	606	345
Middlesex-London	2998	2842	2751	2524	2543	2423	2118	2029	2020	2033	2147	1997	2280	2177	2016	1952	1960	1640	1904	1909	1909	2007	1970	1818	1477	2003	2413	2182	1321
Niagara	3416	3202	3291	3050	3074	2701	2591	2434	2324	2387	2105	2003	1895	1778	1853	1786	1709	1789	1726	1802	1742	1729	1598	1449	1186	1416	1758	1602	1107
North Bay Parry Sound	843	832	923	938	836	750	726	627	555	545	516	433	443	430	344	366	323	320	327	272	404	371	349	299	274	309	376	371	218
Northwestern	554	537	471	524	420	404	368	352	364	360	281	240	252	233	162	170	170	171	198	208	165	162	126	147	72	134	171	166	123
Ottawa	7697	7396	7487	7089	6974	6137	5891	5326	4849	5352	5437	4809	5088	5121	4937	4479	4479	4214	4346	3983	3925	3899	3683	3526	3100	3493	5115	4516	2849
Oxford	695	689	603	619	641	624	524	545	499	475																			
Peel	10184	10118	10059	9319	9110	8440	8237	8597	8764	9253	9243	8928	8607	8441	8338	8384	7983	7805	7886	7101	7143	7261	6635	6281	4285	6286	10220	8122	5478
Perth	519	511	536	510	492	441	412	368	330	283																			
Peterborough	1236	1246	1280	1159	1119	1025	944	870	796	691	669	578	527	580	539	551	561	512	538	515	492	558	548	507	363	373	525	440	278
Porcupine	736	679	734	663	570	504	529	526	540	463	458	354	421	384	315	230	269	291	281	254	190	234	199	194	116	151	234	225	120
Renfrew	873	811	775	699	632	592	583	606	547	541	486	405	385	430	394	383	404	427	437	361	355	395	343	316	224	240	395	395	214
Eastern Ontario	2114	2017	1971	1845	1681	1604	1430	1259	1235	1396	1283	1030	995	1007	983	931	823	800	812	734	726	801	780	699	583	682	849	684	419
Simcoe Muskoka	3367	3252	3181	2947	2898	2769	2619	2573	2518	2286	1964	1807	1798	1776	1779	1785	1929	1831	1801	1738	1766	1630	1578	1120	1694	2539	2051	1436	
Sudbury	1891	1711	1962	1730	1644	1547	1459	1443	1319	1146	1040	947	836	821	773	819	803	792	746	568	536	576	584	539	420	493	854	592	344
Thunder Bay	1298	1312	1307	1347	1056	1049	948	779	741	727	645	516	588	554	521	545	480	456	566	498	462	399	366	373	262	321	404	349	226
Timiskaming	218	248	249	257	266	219	199	156	139	124	107	143	134	91	87	94	92	80	66	74	67	69	58	65	58	78	97	62	48
Waterloo	3290	2978	2758	2818	2698	2421	2131	2305	2300	2465	2116	1832	1771	1640	1680	1686	1582	1485	1542	1473	1476	1485	1513	1592	1173	1692	2325	2162	1495
Wellington-Dufferin-Guelph	1671	1404	1435	1545	1626	1413	1284	1377	1338	1332	1285	1076	1028	1065	1072	979	890	814	803	857	876	937	965	793	612	860	1285	1151	737
Windsor-Essex	2704	2777	2827	2477	2668	2680	2538	2643	2572	2574	2231	1997	1905	1828	1846	1753	1550	1674	1885	1993	2058	1997	1857	1861	1486	1900	2684	2469	1760
York Region	5952	5818	5997	5866	6302	5674	5699	5420	6105	6662	6583	5864	5785	6158	5736	5497	5472	5669	5971	5827	5452	5675	5064	5045	3006	4919	7675	6474	5006
Toronto	26027	25463	24347	23122	22901	20262	18662	17784	17620	16964	16718	14878	15077	14684	13913	13674	13417	13519	13518	13205	12865	12904	11876	11506	7420	10384	15070	14112	9680
Southwestern											763	728	721	671	630	567	558	488	551	579	534	565	519	681	569	735	907	860	476
Huron Perth											442	400	412	386	411	352	287	327	274	308	296	327	302	285	228	302	443	363	240

* 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 incidence and prevalence with missing LHIN, rurality, or PHU were excluded from the report.

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