

Asthma Prevalence

		Asthma Prevalence																										
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*
All	All	974162	1070048	1163185	1250718	1335934	1411571	1480468	1545730	1609460	1672831	1732998	1784965	1837201	1890135	1940595	1987653	2033045	2076752	2116054	2158073	2200002	2241339	2277496	2314462	2331954	2356692	2380143
	0-4	132438	130687	129535	126142	122903	117740	113090	109204	105864	103474	101456	97031	94376	92278	91008	89624	86575	82780	80717	78021	75823	74228	71351	67165	52318	51027	54754
	5-9	142698	159152	172261	182280	188001	188918	185231	181502	176783	172869	166861	162794	158194	154778	150198	146797	143462	141185	138848	136804	134548	131492	127412	123378	117220	111110	107422
	10-14	96832	111067	125638	141059	157899	174920	190683	202021	210598	214236	214257	209751	205409	200120	194840	187990	183405	178207	173559	168783	164989	161872	159906	157332	154001	150221	145313
	15-19	69309	77805	86879	96716	107481	118967	131708	144868	158943	174651	190725	205536	216323	224438	227441	226809	221689	217072	210411	204771	197640	192945	187899	183487	178189	174074	170012
	20-29	107942	118736	129992	141400	152788	163226	174802	187491	201246	215960	232251	249574	268613	290166	314611	339681	365321	387067	405278	422466	437597	447226	453221	456139	453750	445863	434791
	30-39	120345	131970	142128	150535	158697	165249	170158	173512	176627	179912	184596	189820	195926	202742	209669	216423	224791	235338	246323	258643	272942	289115	306757	327094	349943	373770	397040
	40-49	98501	109873	121656	134000	146642	159469	171219	182913	194402	204934	213531	219643	224350	228178	231313	233530	234450	234112	233131	233493	235302	238916	242721	247809	252778	257313	262476
	50-59	67275	77619	88578	98932	109555	119118	128865	138319	148073	158782	169897	177633	185910	195662	205474	216710	227217	238207	247912	256916	263611	268283	271313	273640	274879	274435	271856
	60-69	64303	69776	74786	79839	84549	88730	92873	97801	103116	108584	114014	123045	132352	140946	149609	157735	166864	175961	185221	195621	206429	213466	220657	229705	238598	248354	255956
	70+	74519	83363	91732	99815	107419	115234	121839	128099	133808	139429	145410	150138	155748	160827	166432	172354	179271	186823	194654	202555	211121	223796	236259	248713	260278	270525	280523
Female	All	519010	570543	620304	666477	711623	750841	786376	819750	852483	884505	914942	941261	967333	993787	1018834	1041941	1064309	1086116	1105535	1125910	1146297	1166264	1183840	1201933	1211004	1222432	1232203
	0-4	51383	50556	50146	48627	47636	45459	43468	41593	40523	39501	38740	37129	36055	35280	35134	34635	33335	31978	31224	30158	29568	28895	27990	26289	20329	19940	21938
	5-9	59158	65814	71056	74807	76607	76621	74808	73362	71198	69623	67146	65285	63068	61783	59746	58380	57236	56313	55403	54967	53972	52704	51191	49637	46940	44536	42949
	10-14	41928	47936	53988	60378	67488	74574	80945	85307	88506	89149	88719	86465	84638	82220	79938	77082	74950	72485	70653	68559	66988	66064	65288	64307	63138	61345	59150
	15-19	37939	40924	44104	47550	51502	55588	60588	65811	71436	78012	84604	90459	94429	97184	97386	96525	93883	91889	88778	86382	83292	81150	78793	76998	74563	72769	71159
	20-29	66360	72899	79362	85543	91265	96012	100866	105844	111063	116504	122220	128220	134887	142724	151960	161152	170762	178596	184802	190624	195964	198978	200661	200822	198701	194713	189068
	30-39	73993	81027	87364	92447	97418	101422	104323	106318	108162	110004	112737	115725	119008	122501	125814	128466	131666	135727	139723	143814	148435	153649	159485	166525	174804	183332	191610
	40-49	63290	70395	77457	85038	92642	100193	107033	113677	120237	126415	131276	134775	137571	139622	141407	142741	143142	142967	142459	142491	143636	145647	147751	150331	152433	153790	155241
	50-59	42235	49126	56184	62898	69779	75865	82203	88294	94464	101125	107763	112261	116900	122726	128326	134795	140603	146655	152052	157144	160871	163341	164998	166208	166907	166752	165177
	60-69	37808	41297	44758	48167	51292	54068	56878	60148	63791	67366	70927	76954	83014	88585	94238	99396	103553	111211	117055	123400	129733	133676	137422	142645	147632	153091	157184
	70+	44916	50569	55885	61022	65994	71039	75264	79396	83103	86806	90810	93988	97763	101162	104885	108769	113379	118295	123386	128371	133838	142160	150261	158171	165557	172164	178727
Male	All	455152	499505	542881	584241	624311	660730	694092	725980	756977	788326	818056	843704	869868	896348	921761	945712	968736	990636	1010519	1032163	1053705	1075075	1093656	1112529	1120950	1134260	1147940
	0-4	81055	80131	79389	77515	75267	72281	69622	67611	65341	63973	62716	59902	58321	56998	55874	54989	53240	50802	49493	47863	46255	45333	43361	40876	31989	31087	32816
	5-9	83540	93338	101205	107473	111394	112297	110423	108140	105585	103246	99715	97509	95126	92995	90452	88417	86226	84872	83445	81837	80576	78788	76221	73741	70280	66574	64473
	10-14	54904	63131	71650	80681	90411	100346	109738	116714	122092	125087	125538	123286	120771	117900	114902	110908	108455	105722	102906	100224	98001	95808	94618	93025	90863	88876	86163
	15-19	31370	36881	42775	49166	55979	63379	71120	79057	87507	96639	106121	115077	121894	127254	130055	130284	127806	125183	121633	118389	114348	111795	109106	106489	103626	101305	98853
	20-29	41582	45837	50630	55857	61523	67214	73936	81647	90183	99456	110031	121354	133726	147442	162651	178529	194559	208471	220476	231842	241633	248248	252560	255317	255049	251150	245723
	30-39	46352	50943	54764	58088	61279	63827	65835	67194	68465	69908	71859	74095	76918	80241	83855	87957	93125	99611	106600	114829	124507	135466	147272	160569	175139	190438	205430
	40-49	35211	39478	44199	48962	54000	59276	64186	69236	74165	78519	82255	84868	86779	88556	89906	90789	91308	91145	90672	91002	91666	93269	94970	97478	100345	103523	107235
	50-59	25040	28493	32394	36034	39776	43253	46662	50025	53609	57657	62134	65372	69010	72936	77148	81915	86614	91552	95860	99772	102740	104942	106315	107432	107972	107683	106679
	60-69	26495	28479	30028	31672	33257	34662	35995	37653	39325	41218	43087	46091	49338	52361	55371	58339	61511	64750	68166	72221	76696	79790	83235	87060	90966	95263	98772
	70+	29603	32794	35847	38793	41425	44195	46575	48703	50705	52623	54600	56150	57985	59665	61547	63585	65892	68528	71268	74184	77283	81636	85998	90542	94721	98361	101796

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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*
Material Resources Quintile[†]																											
Q1 (least marginalized)	164297	182933	203527	225224	248925	272175	295449	318171	309363	333150	356687	377946	397623	338952	346934	353571	359882	366540	436774	452750	468849	483402	496944	446396	453848	462635	470666
Q2	182849	201578	219783	236396	253518	269816	284392	299126	312525	327233	340728	352264	363155	356772	368169	378289	387642	397655	432178	441519	450768	460321	469363	489367	496642	506103	514008
Q3	190206	208048	225290	240792	255298	268683	280940	291831	308364	319322	328897	337652	346874	363353	374422	384804	395588	405118	404116	410620	417892	424077	429705	470223	473554	477994	482305
Q4	194770	212530	229549	244732	258764	269576	278839	287397	305341	312852	319729	325332	331525	380311	391026	401622	412139	421881	397245	402992	407725	413325	417522	427897	428504	430775	432871
Q5 (most marginalized)	218306	238769	256637	273001	286819	296971	304649	310495	353847	359638	365624	369880	375419	439253	448449	457624	465874	473519	432527	436695	441161	446286	449816	469305	467961	467486	468337
Income Quintile																											
Q1 (lowest)	209830	228853	246591	269839	283271	292602	300090	306157	339911	345806	352039	357240	363623	369178	375851	383056	389800	396079	432179	437956	442723	449609	453741	470170	469311	470466	471927
Q2	196031	214829	232506	259295	274412	287125	297655	307274	326398	336767	347098	355394	364013	372156	380633	388845	397385	404506	421208	428465	435919	443429	448841	458487	460638	464079	467380
Q3	195547	214767	233105	250426	268749	285007	299267	312416	317334	333278	347359	358723	369674	381564	392485	401813	410670	418964	422582	432437	442526	451117	459970	460926	465056	471186	476905
Q4	190895	211441	231874	237267	257328	277233	296769	316787	313636	330168	345969	361049	375593	391300	404843	417712	429749	442266	415354	426345	437629	448579	458500	459194	466038	474119	481458
Q5 (highest)	179916	197976	216732	231172	249259	266596	283528	299804	306880	321409	335027	346912	358376	369170	379716	388728	397630	406971	423882	431991	440335	447695	455510	464992	470202	476099	481708
Rurality[‡]																											
Rural	125125	137109	148429	147127	157047	166220	174356	181308	178021	183149	187480	190783	194546	196993	200312	203382	206324	208642	194047	196746	200283	204678	209028	208420	213094	219569	224256
Urban	849037	932939	1014756	1103591	1178887	1245351	1306112	1364422	1431439	1489682	1545518	1594182	1642655	1693142	1740283	1784271	1826721	1868110	1922007	1961327	1999719	2036661	2068468	2106042	2118860	2137123	2155887
Local Health Integration Network																											
1. Erie St. Clair	51076	55897	60701	64702	68748	72810	76191	79484	82532	85446	87853	89603	91290	92963	94789	96386	97826	99226	100746	102504	104645	106726	108611	110630	111710	113420	115043
2. South West	59822	65834	71505	77081	82456	87323	91497	95334	98704	102437	105845	108912	112168	115188	118433	121129	123754	125890	128364	131004	133964	137952	141370	144726	147708	151808	154700
3. Waterloo Wellington	42802	47053	51022	55263	59411	63328	66758	70573	74335	78155	81367	83989	86572	89146	91924	94698	97205	99473	100846	103270	105990	108670	111256	113277	114850	117217	118807
4. Hamilton Niagara Haldimand Brant	100487	109772	119048	128070	136887	144511	151325	157590	163899	170019	175351	179987	184636	189410	193938	198281	202709	207353	211869	216753	221385	226236	230346	235544	239455	243880	247186
5. Central West	59125	65812	72166	78539	85053	91108	96986	102847	109145	115987	122824	128747	134428	139997	145075	149590	153810	158639	163195	167285	171162	174329	176472	177400	175632	173720	173250
6. Mississauga Halton	80671	89210	97748	105277	112581	118825	124725	131068	137163	142979	148865	154371	159673	165266	170246	174539	178449	182147	185497	188336	190905	192683	195003	197216	197092	197388	198449
7. Toronto Central	97842	106793	114695	121841	127912	132849	136166	139271	142096	145320	148823	151660	155056	158474	161991	166287	170548	174980	179097	183933	188800	193593	197121	200632	200228	200698	202409
8. Central	121826	133961	145971	157060	168899	179421	189840	199079	209273	218948	228393	237058	245308	253895	262046	269226	276005	282455	287862	293653	298433	302700	307185	311789	312488	314144	316814
9. Central East	133891	146931	159425	170840	181811	191490	200738	209177	217184	224933	232295	238765	244997	251459	257103	262629	267820	272775	277189	281782	285959	290500	293747	297464	299629	301920	303161
10. South East	37470	40651	43671	46707	49975	52756	55455	57943	60200	62384	64089	65498	67001	68730	70357	71751	73268	74376	75348	76743	78419	80057	81360	82973	84368	86338	87816
11. Champlain	98198	108293	118248	127404	136248	143697	150776	157124	162662	168930	175274	180555	186289	192376	198225	203206	207972	212237	216409	220251	224392	228785	232915	236991	239777	242670	245838
12. North Simcoe Muskoka	28052	31104	34496	37904	41557	44957	48059	50987	54075	56396	58656	60410	61997	63505	65134	66811	68709	70610	72015	73944	76125	78104	79966	82536	84651	87375	89366
13. North East	45334	49395	53659	57502	60710	63606	66661	68525	70774	72774	74756	76521	78344	79712	80914	82231	83615	84904	85695	86284	87111	87994	88873	89758	90801	92350	93376
14. North West	17566	19342	20830	22528	23686	24890	25891	26728	27418	28123	28607	28889	29442	30014	30420	30889	31355	31687	31922	32331	32712	33010	33271	33526	33565	33764	33928

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Public Health Unit	Asthma Prevalence																										
	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*
Algoma	8194	8949	9602	10287	10763	11219	11516	11857	12207	12562	12871	13271	13651	13872	14200	14430	14591	14826	15145	15364	15646	15856	16081	16346	16503	16745	16930
Brant	13325	14628	15796	16917	17902	18793	19578	20274	21049	21676	22261	22699	23061	23488	24129	24431	24773	25044	26438	26804	27206	27700	28031	28163	28599	29166	29757
Durham	53914	59434	64680	69556	74573	79228	83679	88267	92894	97177	101347	105573	109157	112711	115846	118984	122002	124867	127115	129626	131850	134002	135897	138732	140692	142102	142933
Elgin-St Thomas	5722	6303	6838	7201	7736	8243	8667	9061	9357	9718																	
Grey-Bruce	11808	12776	13607	14570	15569	16293	17041	17617	18068	18441	18803	19158	19441	19816	20170	20524	20856	21026	21365	21597	21936	22531	22896	23438	23942	24834	25496
Haldimand-Norfolk	8313	9074	9760	10479	11221	11781	12362	12911	13502	14061	14623	15167	14828	14773	14969	15068	15276	15475	14870	15128	15367	15828	16290	17108	17423	17948	18491
Haliburton Kawartha, Pine Ridge	15559	16898	18270	19657	21030	22379	23768	24815	25730	26546	27017	27477	27836	28250	28638	28972	29389	29864	30664	31419	32194	33148	33776	34670	35370	36572	37207
Halton	30686	33675	36949	40153	43513	46521	49434	52545	56151	59366	62391	65221	68207	71264	74063	76590	79040	81413	83703	85908	87965	89436	91333	93733	94889	96146	97620
Hamilton	31771	34802	37760	40771	43719	46317	48670	50738	52895	55030	56964	58584	60362	62381	64069	65849	67733	69868	71654	73659	75314	77244	78849	81013	82428	83759	84666
Hastings Prince Edward	12923	14038	15096	16079	17118	17948	18652	19436	20020	20620	21090	21437	21866	22353	22678	22987	23413	23603	23956	24429	25044	25750	26338	26902	27568	28401	28946
Huron	4564	4923	5273	5641	5936	6310	6556	6755	6857	6987																	
Chatham-Kent	12109	13169	14092	14954	15538	16129	16566	16919	17224	17487	17686	17740	17777	17821	17910	17892	17805	17845	17847	17837	17979	18156	18371	19060	19120	19433	19665
Kingston Frontenac, and Lennox and Addington	14231	15389	16571	17765	19292	20473	21554	22625	23611	24481	25290	25915	26632	27491	28313	29030	29647	30184	30426	30964	31637	32251	32531	33021	33279	33862	34409
Lambton	12305	13316	14357	15174	15937	16677	17242	17791	18328	18795	19302	19631	19988	20379	20757	21062	21360	21561	21666	21816	22105	22367	22608	22504	22688	22932	23143
Leeds, Grenville, Lanark	12869	14133	15313	16537	17698	19043	20377	21309	22207	23103	23712	24227	24763	25389	26049	26621	27271	27760	28319	28825	29406	29856	30575	31216	31978	32750	33294
Middlesex-London	26754	29658	32475	35262	37621	39810	41731	43562	45310	47505	49718	51760	53942	55851	57890	59671	61482	62942	64514	66269	68072	70144	72031	73577	74786	76473	77653
Niagara	36882	40064	43279	46226	49226	51782	54102	56228	58074	60000	61697	63257	64744	66125	67668	69075	70309	71856	73226	74902	76689	78335	79609	80935	82371	84192	85252
North Bay Parry Sound	8947	9826	10878	11917	12715	13470	14104	14585	15096	15534	15931	16252	16628	17019	17300	17598	17910	18192	18320	18371	18735	19116	19395	19804	20211	20805	21249
Northwestern	5160	5638	6041	6504	6782	7082	7297	7497	7766	7997	8129	8202	8351	8469	8499	8558	8660	8713	8781	8866	9082	9170	9239	9328	9337	9385	9435
Ottawa	68111	75172	82253	88719	94963	99847	104778	109220	113231	117830	122744	127086	131572	136315	140855	144636	148374	151655	154980	157993	161295	164653	167386	170325	171792	173167	175239
Oxford	6271	6982	7639	8277	9001	9657	10160	10732	11260	11765																	
Peel	91415	101927	112331	121799	130981	139404	147705	156482	164597	173943	183123	191472	199013	206119	213036	219224	224722	229755	234573	238577	242170	245050	246928	247659	244981	242602	241614
Perth	5150	5659	6177	6743	7255	7693	8056	8369	8608	8749																	
Peterborough	12267	13587	14929	16002	17077	18115	19190	20077	20858	21492	22075	22463	22866	23420	23866	24446	24948	25447	25698	26254	26986	27712	28222	28780	29330	29960	30278
Porcupine	7041	7652	8247	8757	9153	9421	9711	9992	10342	10635	10941	11155	11455	11683	11887	11996	12135	12242	12317	12408	12425	12459	12490	12499	12536	12716	12768
Renfrew	8096	8809	9411	9976	10514	10947	11435	11972	12297	12659	12997	13257	13518	13765	14060	14356	14606	14899	15220	15484	15754	15963	16382	16580	16862	17235	17638
Eastern Ontario	18742	20665	22486	24170	25731	27233	28442	29452	30367	31428	32325	32869	33623	34443	35217	35902	36431	36960	37278	37632	37955	38583	39243	39901	40572	41398	41857
Simcoe Muskoka	33075	36829	40827	44612	48790	52756	56277	59686	63501	66306	68903	70972	72797	74734	76671	78771	81203	83806	86107	88516	91417	94179	96792	99811	102320	105653	107880
Sudbury	18526	20105	21844	23193	24533	25819	26946	28249	29236	30135	31032	31781	32409	32903	33246	33880	34610	35218	35521	35790	35938	36154	36461	36668	37003	37406	37654
Thunder Bay	12406	13703	14789	16022	16903	17806	18592	19229	19647	20125	20475	20886	21090	21556	21934	22342	22707	22984	23141	23365	23630	23840	24032	24199	24229	24380	24493
Timiskaming	2496	2726	2943	3202	3397	3524	3624	3680	3713	3731	3800	3888	4018	4068	4115	4161	4193	4239	4236	4205	4197	4243	4271	4318	4420	4533	4627
Waterloo	30246	33239	36028	38814	41375	43879	46094	48602	51085	53720	55835	57597	59280	60962	62652	64465	66095	67576	68464	70022	71798	73323	74933	76289	77043	78296	79151
Wellington-Dufferin-Guelph	15929	17534	19121	20854	22781	24614	26141	27725	29648	31151	32430	33439	34457	35524	36764	37834	38842	39943	40449	41767	43132	44675	46060	46960	48011	49017	49808
Windsor-Essex	26790	29556	32413	34767	37482	40220	42606	45011	47222	49427	51142	52504	53799	55054	56413	57736	58981	60148	61571	63186	64927	66609	68045	69500	70357	71529	72688
York Region	59100	65542	72421	79531	87675	95937	104734	112716	121482	129517	137677	145111	151718	158855	165099	170148	174886	179371	183450	187425	190529	192891	195946	199008	200153	201864	204324
Toronto	232465	253668	272689	289630	304434	315201	323081	329744	336020	343197	350941	356895	364694	372586	380392	388605	396460	404646	411589	419404	426618	433814	438952	443542	449070	439520	440886
Southwestern											22115	22659	23224	23667	24294	24740	25200	25626	26121	26670	27309	28226	29129	30142	31145	32394	33231
Huron Perth											15961	16160	16434	16669	16946	17069	17135	17198	17330	17491	17695	18075	18374	18731	19046	19517	19861

Reporting period is from April 1996 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.

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.