

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*	2023*
All	All	972906	1068761	1161889	1249404	1334573	1410220	1479088	1544281	1607917	1671030	1730815	1781553	1832495	1884313	1932449	1977654	2021903	2063523	2099581	2136360	2175521	2212727	2245630	2278090	2284867	2309289	2348304	2364118
	0-4	132260	130577	129434	126050	122831	117687	113025	109136	105809	103409	101394	96956	94252	91959	90277	88561	85277	81266	79073	77918	75726	74135	71303	67035	52222	51888	62836	58090
	5-9	142502	158920	172027	182059	187783	188759	185126	181398	176671	172743	166679	162482	157831	154359	149707	146241	142938	140651	138302	134633	132356	129220	125130	120877	116591	110684	109732	108258
	10-14	96720	110956	125529	140943	157766	174735	190465	201794	210374	213999	214017	209418	204973	199602	194237	187291	182621	177367	172696	167904	164067	160970	158980	156181	150666	147070	143179	138147
	15-19	69235	77712	86773	96592	107356	118837	131578	144750	158798	174487	190497	205185	215917	223996	226848	226145	220978	216237	209497	203793	196607	191791	186663	182157	176261	172226	168654	165877
	20-29	107749	118547	129797	141196	152575	163003	174571	187227	200955	215589	231813	248778	267488	288774	312670	337350	362809	384163	401694	417747	432388	441139	446570	448632	444359	435863	425096	414735
	30-39	120129	131733	141907	150311	158472	165015	169920	173263	176360	179610	184223	189270	195112	201753	208267	214698	222775	232833	242939	253803	267237	282088	298312	316963	337037	360381	383750	402658
	40-49	98380	109727	121511	133846	146457	159281	171013	182704	194165	204657	213200	219198	223761	227455	230297	232328	233132	232490	231054	230836	232249	235451	238833	243440	246494	250683	256305	262915
	50-59	67212	77559	88503	98860	109471	119039	128782	138216	147964	158643	169732	177357	185514	195207	204853	215928	226335	237108	246461	254910	261287	265473	268235	270259	270230	269750	268083	264228
	60-69	64241	69715	74728	79790	84500	88681	92829	97757	103081	108532	113942	122925	132140	140673	149248	157256	166321	175294	184327	194413	204955	211603	218601	227389	235416	245006	253728	261817
	70+	74478	83315	91680	99757	107362	115183	121779	128036	133740	139361	145318	149984	155507	160535	166045	171856	178717	186114	193538	200403	208649	220857	233003	245157	255591	265738	276941	287393
Female	All	518452	569964	619721	665897	711022	750245	785762	819096	851795	883671	913914	939587	964999	990899	1014856	1036975	1058750	1079480	1097259	1115010	1133997	1151896	1167724	1183877	1187734	1199022	1216600	1223538
	0-4	51331	50524	50121	48607	47619	45448	43445	41566	40507	39476	38716	37092	36005	35141	34842	34223	32835	31382	30558	30113	29519	28861	27985	26246	20297	20312	25350	23612
	5-9	59083	65729	70971	74736	76536	76578	74783	73342	71172	69583	67085	65168	62926	61623	59564	58171	57035	56087	55183	54086	53088	51761	50276	48639	46718	44402	44021	43903
	10-14	41889	47894	53943	60328	67437	74501	80866	85221	88423	89066	88632	86333	84474	82023	79712	76812	74643	72162	70317	68221	66638	65719	64905	63844	61791	60086	58434	56296
	15-19	37911	40888	44063	47499	51449	55534	60527	65762	71375	77939	84507	90311	94242	96994	97142	96246	93593	91548	88406	85991	82876	80688	78289	76475	73803	72074	70764	69342
	20-29	66262	72805	79273	85448	91173	95912	100773	105720	110926	116329	122012	127825	134345	142045	151019	159985	169517	177186	183133	188535	193705	196365	197735	197568	194729	190449	185062	180232
	30-39	73879	80902	87241	92330	97305	101301	104202	106197	108035	109852	112544	115431	118561	121962	125078	127564	130586	134393	137980	141379	145592	150224	155409	161784	168867	177264	185913	192272
	40-49	63229	70318	77383	84957	92537	100092	106918	113557	120104	126256	131096	134525	137237	139216	140829	142053	142389	142033	141264	140994	141926	143739	145614	147965	149000	150235	152091	153974
	50-59	42203	49092	56146	62860	69737	75822	82159	88241	94407	101060	107677	112110	116683	122477	127983	134345	140089	146011	151182	155970	159524	161708	163172	164235	164192	164005	162894	160797
	60-69	37771	41269	44725	48141	51267	54043	56856	60126	63775	67340	70891	76896	82906	88435	94040	99116	105021	110813	116519	122655	128811	132504	136136	141208	145672	151004	155691	159896
	70+	44894	50543	55855	60991	65962	71014	75233	79364	83071	86770	90754	93896	97620	100983	104647	108460	113042	117865	122717	127066	132318	140327	148203	155913	162665	169191	176380	183214
Male	All	454454	498797	542168	583507	623551	659975	693326	725185	756122	787359	816901	841966	867496	893414	917593	940679	963153	984043	1002322	1021350	1041524	1060831	1077906	1094213	1097133	1110267	1131704	1140580
	0-4	80929	80053	79313	77443	75212	72239	69580	67570	65302	63933	62678	59864	58247	56818	55435	54338	52442	49884	48515	47805	46207	45274	43318	40789	31925	31576	37486	34478
	5-9	83419	93191	101056	107323	111247	112181	110343	108056	105499	103160	99594	97314	94905	92736	90143	88070	85903	84564	83119	80547	79268	77459	74854	72238	69873	66282	65711	64355
	10-14	54831	63062	71586	80615	90329	100234	109599	116573	121951	124933	125385	123085	120499	117579	114525	110479	107978	105205	102379	99683	97429	95251	94075	92337	88875	86984	84745	81851
	15-19	31324	36824	42710	49093	55907	63303	71051	78988	87423	96548	105990	114874	121675	127002	129706	129899	127385	124689	121091	117802	113731	111103	108374	105682	102458	100152	97890	96535
	20-29	41487	45742	50524	55748	61402	67091	73798	81507	90029	99260	109801	120953	133143	146729	161651	177365	193292	206977	218561	229212	238683	244774	248835	251064	249630	245414	240034	234503
	30-39	46250	50831	54666	57981	61167	63714	65718	67066	68325	69758	71679	73839	76551	79791	83189	87134	92189	98440	104959	112424	121645	131864	142903	155179	168170	183117	197837	210386
	40-49	35151	39409	44128	48889	53920	59189	64095	69147	74061	78401	82104	84673	86524	88239	89468	90275	90743	90457	89790	89842	90323	91712	93219	95475	97494	100448	104214	108941
	50-59	25009	28467	32357	36000	39734	43217	46623	49975	53557	57583	62055	65247	68831	72730	76870	81583	86246	91097	95279	98940	101763	103765	105063	106024	106038	105745	105189	103431
	60-69	26470	28446	30003	31649	33233	34638	35973	37631	39306	41192	43051	46029	49234	52238	55208	58140	61300	64481	67808	71758	76144	79099	82465	86181	89744	94002	98037	101921
	70+	29584	32772	35825	38766	41400	44169	46546	48672	50669	52591	54564	56088	57887	59552	61398	63396	65675	68249	70821	73337	76331	80530	84800	89244	92926	96547	100561	104179

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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*
Material Resources Quintile [†]																												
Q1 (least marginalized)	164038	182834	203333	225042	248721	271908	295316	318046	309697	333296	356648	377510	396844	338048	345606	352116	358191	364461	433119	447913	463381	477229	489567	438509	443646	452089	462722	468969
Q2	182623	201232	219747	236242	253405	269845	284452	299272	311660	326263	339781	351434	362218	355853	366651	376310	385477	394959	429207	437717	446497	454927	462969	481649	486882	496443	507961	514164
Q3	189928	207585	224875	240688	255254	268537	280391	291214	308002	319044	328321	336713	345677	362362	373223	383064	393686	402968	401098	406761	413422	418741	424098	463093	464455	468807	476201	478968
Q4	194722	212548	229289	244270	258297	269020	278234	286620	305402	312852	319660	324997	331056	378852	388972	399375	409469	418857	394151	398713	403066	407859	411693	421615	420437	422445	427496	428165
Q5 (most marginalized)	217876	238355	256172	272637	286366	296615	304330	310185	353142	359009	365063	369032	374188	437747	446438	455106	463193	470268	428945	431942	435785	440284	443444	462095	458183	457935	461995	461700
Income Quintile																												
Q1 (lowest)	209182	228292	246099	269283	282610	292066	299588	305695	339306	345169	351417	356235	362266	368060	374130	380916	387673	393421	428532	433037	437270	443392	447096	462573	458720	460000	464656	464819
Q2	195859	214561	232140	259192	274380	287037	297501	306984	326008	336532	346882	355019	363359	371061	379186	387235	395266	402036	417569	423495	430367	437105	442003	451549	451581	454968	461316	463619
Q3	194981	214223	232682	250373	268430	284771	299042	312175	317170	332915	346911	357986	369080	380579	390972	399837	408452	416248	419141	428240	437713	445325	453748	454266	456731	462762	471716	474771
Q4	190874	211547	232084	236841	256886	276754	296292	316258	313386	329832	345695	360509	374542	389867	403195	415721	427444	439796	413159	423335	434063	444105	453395	452320	457243	465431	476176	481337
Q5 (highest)	180029	197934	216491	230976	249321	266572	283469	299830	306736	321189	334433	346168	357317	368026	377939	386524	395320	404128	420308	427385	435246	441909	448479	456733	459922	465421	473698	478810
Rurality [†]																												
Rural	124975	137017	148375	146881	156903	166038	174160	181122	177603	182678	186964	190148	193760	196368	199519	202373	205159	207255	192400	194581	197932	202084	206105	205103	208735	215164	220742	223834
Urban	847931	931744	1013514	1102523	1177670	1244182	1304928	1363159	1430314	1488352	1543851	1591405	1638735	1687945	1732930	1775281	1816744	1856268	1907181	1941779	1977589	2010643	2039525	2072987	2076132	2094125	2127562	2140284
Local Health Integration Network																												
1. Erie St. Clair	51021	55843	60643	64645	68672	72737	76118	79408	82448	85349	87743	89433	91063	92691	94411	95895	97271	98574	99949	101506	103512	105407	107191	109086	109641	111391	113844	115066
2. South West	59743	65746	71424	76992	82370	87238	91404	95236	98604	102328	105703	108703	111879	114845	117951	120533	123094	125118	127411	129710	132493	136236	139443	142519	144880	148936	152852	154572
3. Waterloo Wellington	42757	47008	50973	55205	59355	63267	66698	70500	74264	78080	81272	83824	86352	88881	91538	94226	96676	98853	100059	102230	104792	107251	109651	111444	112437	114742	116993	117783
4. Hamilton Niagara Haldimand Brant	100362	109648	118910	127923	136747	144361	151173	157436	163733	169841	175128	179623	184130	188808	193141	197327	201652	206123	210431	214909	219348	223825	227594	232404	235204	239577	244179	246291
5. Central West	59054	65740	72096	78470	84973	91036	96904	102753	109050	115862	122695	128533	134149	139627	144520	148927	153089	157769	162092	165830	169558	172546	174541	175282	173017	171261	172537	172190
6. Mississauga Halton	80596	89127	97670	105203	112504	118761	124649	130983	137065	142858	148699	154105	159294	164808	169542	173713	177504	181006	184028	186352	188660	190078	192143	194017	193067	193404	196364	197742
7. Toronto Central	97598	106520	114421	121562	127643	132583	135904	139009	141832	145041	148530	151261	154535	157842	161190	165340	169497	173712	177467	181667	186194	190503	193644	196479	194817	195144	198064	199471
8. Central	121681	133817	145823	156924	168750	179279	189694	198926	209100	218756	228151	236689	244810	253250	261057	268007	274650	280841	285790	290840	295314	299100	303263	307336	306923	308751	314173	316141
9. Central East	133714	146753	159253	170665	181632	191302	200568	208998	217004	224715	232032	238382	244479	250792	256164	261500	266544	271257	275244	279221	283079	287179	290047	293312	294392	296732	299590	300404
10. South East	37432	40615	43629	46668	49931	52710	55408	57890	60139	62318	63993	65337	66773	68470	70015	71331	72814	73823	74683	75890	77464	78899	80061	81475	82370	84301	86188	87138
11. Champlain	98100	108202	118155	127312	136144	143598	150663	157011	162537	168748	175038	180159	185726	191647	197214	201908	206505	210485	214243	217468	221211	224978	228624	232060	233343	235988	240454	242454
12. North Simcoe Muskoka	28003	31060	34452	37858	41513	44910	48011	50940	54021	56324	58585	60298	61837	63315	64881	66484	68345	70181	71496	73253	75330	77155	78856	81209	82882	85477	87779	89202
13. North East	45302	49364	53629	57472	60676	63567	66023	68482	70728	72723	74684	76397	78165	79487	80614	81853	83202	84421	85135	85602	86346	87115	87910	88650	89326	90868	92317	92676
14. North West	17543	19318	20811	22505	23663	24871	25871	26709	27392	28087	28562	28809	29303	29850	30211	30610	31060	31360	31553	31882	32220	32455	32662	32817	32568	32717	32970	32988

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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*
Public Health Unit																												
Algoma	8184	8943	9595	10289	10764	11210	11512	11854	12194	12548	12846	13239	13607	13835	14138	14356	14513	14740	15017	15214	15476	15649	15861	16118	16227	16481	16734	16885
Brant	13292	14582	15745	16903	17885	18776	19567	20264	21005	21637	22225	22651	23026	23783	24056	24340	24663	24914	26282	26587	26952	27390	27673	27765	28081	28634	29340	29676
Durham	53800	59322	64558	69544	74545	79204	83683	88230	92821	97088	101230	105388	108893	112433	115456	118500	121462	124206	126252	128545	130609	132519	134220	136851	138294	139721	141211	141951
Elgin-St Thomas	5697	6271	6813	7149	7690	8187	8609	9005	9348	9705																		
Grey-Bruce	11766	12717	13561	14545	15531	16252	17004	17573	18043	18412	18772	19123	19381	19739	20091	20447	20764	20903	21244	21431	21722	22273	22593	23071	23475	24355	25084	25519
Haldimand-Norfolk	8325	9077	9760	10467	11227	11771	12366	12910	13500	13984	14247	14532	14786	14734	14924	15024	15232	15417	14751	14981	15239	15659	16107	16890	17140	17664	18293	18488
Haliburton Kawartha, Pine Ridge	15558	16940	18326	19608	20995	22363	23770	24834	25721	26527	26993	27435	27761	28208	28556	28875	29282	29690	30448	31120	31845	32720	33272	34140	34650	35811	36578	37006
Halton	30658	33633	36914	40079	43430	46426	49338	52459	56104	59296	62297	65070	67985	71060	73751	76205	78596	80869	83034	85007	86934	88186	89907	92179	92899	94134	96448	97870
Hamilton	31728	34769	37714	40702	43660	46250	48600	50685	52805	54953	56895	58460	60178	62088	63702	65442	67296	69382	71208	73114	74736	76582	78084	80140	81178	82510	84026	84646
Hastings Prince Edward	12912	14022	15081	16023	17065	17893	18605	19371	19988	20584	21034	21363	21794	22247	22566	22860	23295	23460	23786	24187	24786	25407	25936	26468	26967	27815	28454	28849
Huron	4565	4938	5283	5631	5921	6304	6549	6760	6832	6979																		
Chatham-Kent	12099	13159	14085	14897	15474	16079	16532	16862	17236	17468	17664	17719	17760	17794	17861	17834	17724	17728	17698	17660	17774	17925	18162	18863	18823	19134	19452	19640
Kingston Frontenac, and Lennox and Addington	14191	15356	16546	17780	19298	20487	21556	22624	23598	24480	25277	25873	26546	27345	28126	28791	29401	29896	30095	30556	31173	31690	31905	32327	32351	32905	33616	33891
Lambton	12307	13322	14344	15143	15903	16645	17207	17765	18316	18788	19287	19586	19936	20319	20675	20936	21238	21411	21463	21593	21843	22063	22269	22170	22247	22488	22789	22849
Leeds, Grenville, Lanark	12877	14123	15304	16502	17670	19006	20343	21288	22117	23007	23628	24142	24679	25311	25931	26476	27104	27581	28086	28535	29066	29453	30144	30753	31386	32148	32872	33251
Middlesex-London	26711	29617	32426	35235	37608	39815	41722	43544	45240	47436	49634	51644	53789	55701	57683	59398	61179	62591	63973	65539	67263	69245	71029	72419	73308	74962	76777	77142
Niagara	36849	40028	43247	46194	49182	51732	54046	56164	58038	59950	61635	63156	64593	65948	67409	68744	69941	71421	72693	74199	75912	77397	78551	79712	80771	82554	83973	84741
North Bay Parry Sound	8932	9807	10863	11906	12691	13453	14097	14571	15107	15536	15939	16243	16598	16961	17221	17498	17785	18057	18209	18224	18598	18921	19180	19539	19854	20443	20972	21217
Northwestern	5150	5631	6034	6489	6769	7074	7286	7482	7755	7978	8109	8167	8301	8415	8434	8460	8558	8603	8655	8806	8905	8971	9034	9094	8993	9016	9095	9147
Ottawa	68053	75129	82201	88674	94910	99787	104700	109136	113209	117777	122627	126830	131178	135787	140125	143688	147317	150399	153419	155993	159014	161895	164257	166643	166971	168142	171186	172500
Oxford	6266	7000	7664	8265	8994	9650	10146	10713	11242	11757																		
Peel	91347	101840	112241	121728	130897	139345	147652	156421	164522	173824	182994	191196	198615	205580	212228	218265	223647	228465	232879	236338	239673	242237	243869	244256	240799	238605	240046	239286
Perth	5141	5646	6163	6767	7265	7706	8082	8378	8617	8783																		
Peterborough	12257	13554	14889	16013	17084	18125	19179	20065	20830	21459	22044	22427	22807	23317	23748	24296	24761	25269	25542	26048	26766	27435	27904	28332	28771	29363	29768	29884
Porcupine	7037	7646	8240	8751	9145	9407	9700	9981	10331	10624	10923	11129	11417	11632	11827	11926	12055	12154	12215	12284	12292	12323	12344	12328	12311	12485	12595	12599
Renfrew	8079	8795	9405	9986	10513	10938	11432	11964	12282	12643	12973	13240	13497	13752	14033	14317	14556	14826	15086	15303	15540	15709	16090	16212	16375	16729	17206	17440
Eastern Ontario	18720	20639	22455	24134	25689	27203	28418	29427	30342	31375	32265	32777	33514	34303	35028	35669	36156	36618	36876	37111	37371	37929	38534	39156	39620	40419	41068	41375
Simcoe Muskoka	33004	36777	40783	44579	48784	52731	56225	59630	63395	66189	68782	70812	72576	74524	76378	78396	80796	83331	85456	87697	90464	93070	95478	98249	100254	103462	106116	107796
Sudbury	18529	20104	21839	23183	24527	25807	26925	28226	29213	30121	31015	31745	32363	32810	33140	33741	34466	35045	35321	35548	35658	35856	36122	36278	36469	36860	37297	37230
Thunder Bay	12392	13686	14776	16015	16892	17796	18584	19225	19640	20111	20455	20643	21004	21446	21788	22163	22512	22768	22898	23076	23315	23484	23628	23723	23574	23702	23877	23843
Timiskaming	2497	2728	2949	3200	3400	3526	3623	3677	3706	3729	3794	3882	4003	4057	4098	4138	4176	4208	4220	4173	4162	4203	4233	4256	4336	4448	4570	4608
Waterloo	30216	33198	35996	38744	41308	43810	46026	48537	51059	53664	55779	57503	59137	60755	62377	64129	65730	67149	67945	69346	71012	72397	73897	75070	75430	76659	78044	78333
Wellington-Dufferin-Guelph	15925	17563	19138	20885	22823	24655	26163	27735	29648	31132	32364	33349	34373	35493	36677	37701	38683	39762	40075	41296	42593	44035	45371	46176	46964	47963	48908	49491
Windsor-Essex	26756	29514	32377	34794	37494	40229	42603	45023	47143	49356	51075	52399	53649	54865	56167	57411	58610	59735	61118	62574	64238	65790	67149	68481	69017	70229	72057	73048
York Region	59071	65497	72369	79467	87603	95855	104626	112628	121413	129452	137584	144960	151526	158485	164544	169465	174111	178444	182311	185824	188746	190801	193614	196330	196934	198716	202849	204740
Toronto	232015	253188	272205	289133	303937	314723	322612	329270	335557	342678	350385	356121	363694	371373	378691	386591	394229	401973	408140	414679	421294	427731	432323	435905	431105	429736	434508	435655
Southwestern											22074	22612	23148	23597	24172	24594	25042	25458	25986	26456	27043	27926	28757	29732	30597	31847	32941	33761
Huron Perth											15970	16137	16381	16616	16848	16978	17023	17050	17200	17316	17507	17856	18133	18464	18696	19149	19554	19761

* Reporting period is from April 1996 to March 2024. Data for 2022 and 2023 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.