

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*
All	All	974122	1070019	1163133	1250659	1335859	1411493	1480384	1545640	1609351	1672704	1732851	1784804	1837021	1889916	1940362	1987409	2032782	2076457	2115745	2157712	2199587	2240613	2277333	2311008	2325517	2333837
	0-4	132433	130685	129532	126141	122903	117741	113089	109207	105861	103466	101451	97021	94369	92272	91002	89617	86569	82772	80704	78003	75796	74178	71436	66903	51573	44382
	5-9	142688	159140	172249	182264	187990	188914	185229	181499	176777	172866	166854	162789	158184	154762	150178	146775	143437	141157	138822	136779	134525	131479	127598	123418	116970	109480
	10-14	96823	111059	125629	141050	157886	174902	190661	201996	210577	214218	214245	209742	205399	200105	194830	187979	183392	178184	173535	168750	164959	161861	160001	157294	153792	149224
	15-19	69308	77804	86878	96715	107478	118957	131695	144857	158931	174628	190700	205507	216298	224407	227412	226785	221668	217055	210394	204752	197623	192954	187987	183413	178011	173425
	20-29	107940	118733	129980	141383	152768	163211	174790	187475	201235	215949	232229	249549	268581	290128	314563	339621	365257	386993	405203	422384	437529	447167	453443	455874	453221	444111
	30-39	120338	131967	142122	150527	158684	165230	170133	173488	176601	179877	184560	189781	195883	202696	209624	216385	224741	235289	246276	258583	272863	288993	306717	326536	349036	371531
	40-49	98496	109868	121648	133990	146629	159453	171202	182894	194372	204911	213501	219610	224316	228144	231277	233486	234405	234063	233077	233432	235214	238748	242474	247205	251890	255202
	50-59	67277	77617	88574	98932	109553	119117	128865	138317	148067	158772	169884	177623	185894	195637	205444	216681	227186	238170	247870	256871	263561	268138	271103	273029	273906	272152
	60-69	64302	69783	74789	79840	84548	88731	92879	97805	103118	108585	114014	123039	132344	140936	149598	157723	166853	175951	185208	195606	206398	213368	220436	229103	237676	246060
	70+	74517	83363	91732	99817	107420	115237	121841	128102	133812	139432	145413	150143	155753	160829	166434	172357	179274	186823	194656	202552	211119	223727	236138	248233	259442	268270
Female	All	518986	570521	620271	666438	711576	750787	786315	819682	852404	884413	914834	941149	967214	993654	1018703	1041805	1064169	1085962	1105374	1125720	1146089	1165865	1183473	1199796	1207297	1210468
	0-4	51367	50539	50128	48614	47628	45450	43453	41585	40517	39493	38734	37125	36056	35285	35143	34638	33333	31973	31218	30152	29560	28884	28022	26181	20041	17172
	5-9	59155	65811	71050	74797	76594	76604	74791	73339	71174	69606	67125	65260	63043	61763	59724	58366	57231	56309	55401	54963	53965	52700	51273	49650	46823	43879
	10-14	41926	47931	53985	60374	67484	74570	80939	85294	88491	89131	88694	86443	84614	82192	79920	77065	74930	72464	70633	68532	66975	66066	65329	64305	63056	60866
	15-19	37936	40924	44104	47551	51503	55586	60583	65810	71430	78000	84593	90444	94415	97166	97363	96494	93858	91861	88750	86367	83276	81136	78794	76924	74427	72368
	20-29	66364	72900	79354	85531	91251	96003	100862	105836	111058	116498	122216	128211	134878	142709	151941	161133	170739	178571	184770	190579	195917	198940	200714	200622	198328	193562
	30-39	73986	81024	87362	92443	97410	101410	104308	106304	108146	109985	112718	115708	118983	122476	125789	128447	131641	135703	139700	143783	148403	153575	159403	166135	174226	181965
	40-49	63289	70393	77457	85035	92638	100185	107025	113669	120224	126401	131255	134755	137552	139602	141386	142718	143119	142941	142432	142460	143587	145543	147564	149949	151855	152472
	50-59	42238	49128	56185	62901	69780	75865	82205	88294	94462	101123	107760	112259	116896	122717	128315	134781	140587	146635	152032	157122	160846	163271	164876	165833	166353	165441
	60-69	37809	41302	44761	48168	51294	54073	56884	60154	63796	67369	70929	76953	83010	88580	94233	99390	105348	111206	117049	123393	129719	133625	137310	142320	147121	151847
	70+	44916	50569	55885	61024	65994	71041	75265	79397	83106	86807	90810	93991	97767	101164	104889	108773	113383	118299	123389	128369	133841	142125	150188	157877	165067	170896
Male	All	455136	499498	542862	584221	624283	660706	694069	725958	756947	788291	818017	843655	869807	896262	921659	945604	968613	990495	1010371	1031992	1053498	1074748	1093860	1111212	1118220	1123369
	0-4	81066	80146	79404	77527	75275	72291	69636	67622	65344	63973	62717	59896	58313	56987	55859	54979	53236	50799	49486	47851	46236	45294	43414	40722	31532	27210
	5-9	83533	93329	101199	107467	111396	112310	110438	108160	105603	103260	99729	97529	95141	92999	90454	88409	86206	84848	83421	81816	80560	78779	76325	73768	70147	65601
	10-14	54897	63128	71644	80676	90402	100332	109722	116702	122086	125087	125551	123299	120785	117913	114910	110914	108462	105720	102902	100218	97984	95795	94672	92989	90736	88358
	15-19	31372	36880	42774	49164	55975	63371	71112	79047	87501	96628	106107	115063	121883	127241	130049	130291	127810	125194	121644	118385	114347	111818	109193	106489	103584	101057
	20-29	41576	45833	50626	55852	61517	67208	73928	81639	90177	99451	110013	121338	133703	147419	162622	178488	194518	208422	220433	231805	241612	248227	252729	255252	254893	250549
	30-39	46352	50943	54760	58084	61274	63820	65825	67184	68455	69892	71842	74073	76900	80220	83835	87938	93100	99586	106576	114800	124460	135418	147314	160401	174810	189566
	40-49	35207	39475	44191	48955	53991	59268	64177	69225	74148	78510	82246	84855	86764	88542	89891	90768	91286	91122	90645	90972	91627	93205	94910	97256	100035	102730
	50-59	25039	28489	32389	36031	39773	43252	46660	50023	53605	57649	62124	65364	68998	72920	77129	81900	86599	91535	95833	99749	102715	104867	106227	107196	107553	106711
	60-69	26493	28481	30028	31672	33254	34658	35995	37651	39322	41216	43085	46086	49334	52356	55365	58333	61505	64745	68159	72213	76679	79743	83126	86783	90555	94213
	70+	29601	32794	35847	38793	41426	44196	46576	48705	50706	52625	54603	56152	57986	59665	61545	63584	65891	68524	71267	74183	77278	81602	85950	90356	94375	97374

Asthma Prevalence (cont'd)

	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*
<b>Deprivation Quintile<sup>1</sup></b>																										
Q1 (least marginalized)	164035	182766	203347	225375	249018	272375	295623	318492	309493	332962	356573	377972	397564	339152	347170	353977	360223	366723	436979	452539	468409	482754	495727	507674	514417	519676
Q2	182907	201724	220000	236496	253756	270208	284607	299389	312208	326894	340594	352264	363164	356893	368300	378182	387652	397424	431681	441278	450842	460348	468915	477653	482663	486059
Q3	189865	207464	224881	240552	255077	268199	280586	291382	308397	319456	328869	337343	346500	363332	374397	384747	395690	405458	404344	411116	418067	424340	430610	436649	439351	441314
Q4	195227	213002	229900	244852	258958	269656	278852	287278	305732	313349	320041	325619	331885	379729	390302	401077	411398	421257	397022	402569	407531	412942	417579	421217	421987	421932
Q5 (most marginalized)	218364	238868	256641	272898	286555	296663	304349	310279	353648	359666	365627	369929	375480	439450	448704	457837	466021	473621	432560	436779	441193	446358	450424	453493	452573	450104
<b>Income Quintile</b>																										
Q1 (lowest)	209743	228859	246720	269691	283098	292357	299915	306010	339913	345885	352010	357064	363503	369237	375759	383009	389534	395890	432415	438103	442933	449711	454385	458288	457388	455534
Q2	196193	214934	232433	259391	274571	287170	297557	307004	326351	336850	347279	355715	364284	372222	380654	389162	397631	404911	421375	428531	436132	443711	449773	454706	456108	456790
Q3	195473	214839	233042	250126	268291	284705	299122	312298	316833	332682	346797	358079	369088	381633	392544	401792	410881	419150	422331	432360	442279	450654	459451	467442	470965	472735
Q4	191041	211379	232115	237069	257072	277025	296527	316659	314189	330805	346783	361700	376240	391124	404944	417760	429529	441648	415117	426108	437157	447983	457809	466930	472340	476754
Q5 (highest)	179774	197889	216502	231557	249812	267148	283973	300247	306798	321135	334544	346701	358035	368982	379433	388206	397386	406882	423712	431797	440277	447702	455026	462714	467789	471080
<b>Rurality<sup>2</sup></b>																										
Rural	125198	137133	148476	146880	156833	166042	174150	181110	177928	183058	187352	190662	194443	196884	200149	203348	206274	208947	193617	196345	199796	204167	208322	212356	216986	222495
Urban	848924	932886	1014657	1103779	1179026	1245451	1306234	1364530	1431423	1489646	1545499	1594142	1642578	1693032	1740213	1784061	1826508	1867510	1922128	1961367	1999791	2036446	2069011	2098652	2108531	2111342
<b>Local Health Integration Network</b>																										
1. Erie St. Clair	51076	55898	60699	64700	68746	72810	76188	79482	82531	85445	87848	89598	91286	92957	94783	96377	97817	99218	100735	102490	104625	106666	108590	110525	111484	112435
2. South West	59834	65845	71525	77090	82463	87315	91471	95327	98698	102437	105883	108943	112211	115219	118456	121182	123798	125958	128411	131076	134032	137967	141403	144531	147188	149855
3. Waterloo Wellington	42387	46580	50507	54718	58797	62673	66064	69818	73541	77314	80475	83066	85636	88211	90945	93726	96214	98468	99851	102246	104920	107412	109859	111647	112902	114162
4. Hamilton Niagara Haldimand Brant	100807	110143	119460	128537	137420	145091	151949	158246	164571	170748	176100	180756	185395	190154	194688	198995	203483	208126	212691	217609	222376	227464	231677	236112	239362	241742
5. Central West	60201	66999	73452	79875	86504	92556	98465	104371	110787	117639	124460	130482	136179	141745	146852	151388	155523	159842	164058	167990	171699	174658	176892	177909	176364	173850
6. Mississauga Halton	80410	88923	97417	104922	112148	118362	124234	130552	136632	142420	148267	153757	159062	164643	169654	173975	177863	181583	184943	187785	190345	192265	194795	196659	196437	195321
7. Toronto Central	98019	106953	114867	122012	128128	133051	136377	139505	142348	145556	149088	151971	155355	158764	162265	166583	170861	175289	179450	184269	189108	193905	197690	201081	200340	199265
8. Central	120368	132364	144269	155246	166955	177486	187874	197108	207183	216868	226233	234848	243073	251656	259758	266883	273704	280580	286236	292080	296912	301135	305520	309791	310400	309958
9. Central East	134362	147491	159991	171475	182466	192194	201449	209870	217884	225618	232985	239466	245701	252195	257882	263409	268626	273587	277996	282588	286769	291158	294477	297954	299675	299979
10. South East	37170	40323	43332	46376	49639	52399	55078	57544	59809	61974	63693	65097	66586	68314	69927	71279	72783	73904	74851	76242	77895	79498	80766	82281	83528	84955
11. Champlain	98475	108597	118557	127698	136540	144007	151104	157469	163002	169278	175608	180888	186629	192716	198569	203588	208365	212614	216813	220655	224765	229083	233231	237102	239452	240571
12. North Simcoe Muskoka	28051	31085	34476	37870	41550	44949	48080	51000	54078	56406	58643	60384	61986	63483	65110	66771	68661	70596	71965	73930	76205	78309	80151	82052	84016	86182
13. North East	45397	49477	53752	57613	60818	63711	66161	68621	70871	72879	74872	76660	78481	79846	81054	82368	83734	85011	85831	86431	87232	88099	89016	89870	90866	91995
14. North West	17565	19341	20829	22527	23685	24889	25890	26727	27416	28122	28606	28888	29441	30013	30419	30885	31350	31681	31914	32321	32704	32994	33266	33494	33503	33567

Asthma Prevalence (cont'd)

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*	
Algoma	8197	8951	9602	10282	10760	11211	11506	11856	12213	12564	12870	13269	13641	13867	14193	14425	14585	14826	15125	15345	15616	15825	16052	16327	16468	16639	
Brant	13319	14600	15781	16937	17912	18791	19572	20255	21035	21659	22269	22711	23095	23837	24125	24415	24778	25054	26431	26778	27173	27674	27995	28362	28648	28875	
Durham	53863	59391	64616	69569	74588	79263	83719	88279	92905	97176	101332	105535	109136	112672	115803	118950	121972	124826	127132	129651	131828	133898	135750	137969	139426	139745	
Elgin-St Thomas	5705	6288	6836	7187	7715	8232	8658	9050	9360	9709	10020	10321	10605	10860	11155	11288	11403	11522									
Grey-Bruce	11769	12735	13579	14536	15547	16281	17029	17598	18056	18440	18811	19163	19435	19780	20156	20508	20832	21026	21441	21718	22026	22601	22968	23463	23974	24738	
Haldimand-Norfolk	8343	9092	9773	10453	11230	11785	12371	12937	13512	13992	14275	14560	14810	14767	14965	15069	15274	15460	14877	15153	15405	15820	16224	16531	16767	17134	
Haliburton Kawartha, Pine Ridge	15582	16925	18333	19640	21024	22380	23782	24852	25674	26491	26989	27454	27766	28279	28696	29003	29424	29891	30617	31384	32199	33140	33758	34451	35174	36189	
Halton	30639	33623	36897	40159	43500	46493	49395	52520	56120	59339	62350	65180	68144	71296	74100	76616	79062	81450	83722	85953	87981	89525	91535	93450	94323	94631	
Hamilton	31747	34799	37771	40766	43713	46318	48666	50773	52928	55067	56994	58585	60364	62337	64023	65813	67708	69853	71696	73681	75415	77450	79154	81001	82224	82911	
Hastings Prince Edward	12933	14052	15104	16016	17069	17883	18590	19379	19992	20594	21051	21393	21833	22310	22613	22913	23358	23556	23942	24413	25010	25688	26250	26828	27374	28007	
Huron	4571	4935	5280	5628	5917	6296	6539	6739	6861	7003	7106	7187	7254	7465	7546	7531	7533	7548	7551	7578	7657	7857	7990	8111	8202	8365	
Chatham-Kent	12120	13168	14089	14922	15482	16086	16511	16860	17233	17492	17695	17770	17797	17879	17964	17964	17875	17882	17875	17873	17981	18162	18377	18608	18657	18885	
Kingston Frontenac, and Lennox and Addington	14220	15382	16586	17795	19313	20515	21580	22659	23619	24501	25326	25953	26662	27509	28335	29041	29659	30201	30476	31000	31658	32263	32537	32983	33223	33608	
Lambton	12313	13339	14379	15168	15933	16681	17256	17823	18323	18778	19270	19584	19963	20353	20740	21026	21339	21556	21614	21768	22075	22324	22596	22902	23081	23241	
Leeds, Grenville, Lanark	12850	14118	15302	16495	17651	18978	20325	21251	22192	23081	23692	24223	24779	25369	26050	26612	27265	27768	28274	28789	29375	29802	30520	31228	31929	32489	
Middlesex-London	26739	29633	32443	35299	37672	39859	41776	43607	45284	47506	49713	51777	53952	55828	57879	59668	61484	62936	64499	66251	68055	70119	72037	73513	74571	75333	
Niagara	36869	40063	43276	46227	49217	51771	54093	56205	58082	60011	61698	63263	64745	66137	67679	69077	70323	71866	73219	74898	76676	78272	79510	80774	81955	83057	
North Bay Parry Sound	8932	9807	10852	11901	12693	13443	14096	14580	15120	15550	15943	16264	16634	17028	17284	17582	17895	18168	18347	18398	18755	19120	19430	19766	20163	20653	
Northwestern	5163	5642	6045	6500	6779	7079	7292	7492	7770	7995	8128	8200	8350	8463	8497	8554	8656	8711	8778	8960	9078	9164	9240	9312	9315	9323	
Ottawa	68120	75182	82260	88706	94960	99843	104775	109235	113238	117832	122760	127071	131557	136291	140807	144598	148327	151591	154938	157953	161228	164558	167319	170033	171211	171291	
Oxford	6271	7004	7663	8253	8984	9641	10160	10733	11248	11755	12064	12311	12590	12827	13140	13455	13769	14102									
Peel	91416	101909	112316	121781	130959	139387	147705	156481	164633	173957	183156	191478	199026	206096	213022	219212	224715	229761	234601	238634	242283	245179	247337	248332	246152	242804	
Perth	5170	5686	6197	6744	7244	7683	8058	8353	8615	8773	8889	8981	9164	9242	9398	9550	9609	9660	9826	9948	10086	10288	10428	10603	10767	10928	
Peterborough	12262	13582	14896	16013	17074	18108	19170	20057	20875	21500	22070	22476	22884	23389	23835	24439	24919	25428	25681	26245	26981	27728	28258	28737	29262	29684	
Porcupine	7042	7651	8247	8758	9158	9422	9712	9995	10338	10632	10933	11150	11455	11683	11887	11995	12133	12244	12309	12405	12422	12454	12487	12525	12572	12698	
Renfrew	8081	8794	9396	9993	10531	10956	11455	11978	12280	12653	12979	13253	13516	13773	14069	14368	14621	14912	15211	15473	15751	15960	16367	16587	16857	17142	
Eastern Ontario	18760	20673	22475	24211	25759	27275	28469	29462	30377	31433	32311	32853	33603	34455	35229	35922	36448	36969	37287	37633	37943	38550	39205	39823	40399	40933	
Simcoe Muskoka	33093	36854	40875	44692	48862	52808	56296	59711	63471	66275	68874	70929	72765	74779	76711	78812	81253	83876	86133	88569	91499	94326	96878	99124	101395	104000	
Sudbury	18523	20105	21847	23196	24535	25826	26942	28232	29219	30123	31021	31770	32412	32879	33234	33869	34601	35214	35518	35781	35939	36160	36473	36666	36980	37219	
Thunder Bay	12400	13696	14781	16028	16907	17811	18599	19235	19648	20128	20480	20693	21092	21559	21934	22344	22705	22980	23136	23361	23626	23830	24026	24182	24188	24244	
Timiskaming	2499	2729	2949	3199	3392	3522	3621	3671	3714	3738	3805	3890	4017	4061	4107	4149	4186	4229	4252	4222	4208	4256	4289	4299	4392	4482	
Waterloo	30244	33240	36017	38822	41377	43882	46100	48609	51088	53714	55853	57637	59327	60977	62670	64490	66131	67585	68474	70040	71813	73300	74896	76093	76718	77251	
Wellington-Dufferin- Guelph	15995	17607	19165	20846	22801	24640	26172	27743	29661	31135	32402	33447	34476	35529	36759	37826	38804	39831	40132	41339	42613	44056	45292	46132	46944	47582	
Windsor-Essex	26782	29545	32402	34801	37531	40262	42643	45042	47206	49424	51141	52496	53794	54978	56345	57654	58892	60076	61531	63136	64899	66539	67995	69410	70162	70744	
York Region	59138	65559	72425	79524	87660	95913	104704	112683	121479	129529	137691	145141	151749	158846	165091	170139	174867	179335	183456	187431	190580	192911	195917	199227	200171	200473	
Southwestern																											
Toronto	232452	253660	272678	289612	304410	315169	323047	329705	335982	343155	350890	356836	364629	372516	380321	388532	396377	404564	411513	419278	426468	433628	439193	443653	441001	436709	

\*Reporting period is from April 1996 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.

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.