

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*
All	All	973920	1069755	1162803	1250235	1335386	1410955	1479768	1544919	1608523	1671722	1731690	1783483	1835528	1888165	1938376	1985152	2030200	2073219	2113266	2154507	2194660	2230505	2246607
	0-4	132420	130662	129511	126128	122894	117735	113073	109188	105832	103436	101408	96970	94323	92231	90967	89591	86539	82732	80684	78124	75978	73203	64469
	5-9	142659	159100	172186	182192	187929	188858	185182	181452	176726	172792	166782	162711	158076	154629	150026	146590	143259	140990	138675	136819	134739	131458	125747
	10-14	96819	111050	125618	141020	157845	174830	190577	201894	210497	214132	214150	209639	205300	199999	194718	187871	183257	177993	173334	168600	164865	161671	158660
	15-19	69293	77785	86853	96686	107448	118937	131660	144827	158867	174546	190568	205374	216134	224214	227208	226579	221437	216826	210502	204901	197766	192925	187238
	20-29	107876	118653	129883	141267	152643	163066	174637	187302	201033	215713	231945	249214	268221	289687	314051	339004	364528	386037	404721	421998	437200	446741	451598
	30-39	120281	131901	142041	150422	158549	165092	169968	173291	176378	179647	184301	189485	195535	202321	209198	215893	224208	234643	245594	257711	271634	287237	303289
	40-49	98482	109849	121621	133951	146582	159378	171109	182784	194253	204751	213325	219405	224110	227889	230976	233156	234023	233592	232556	232638	234029	236872	238778
	50-59	67271	77608	88566	98915	109534	119100	128851	138285	148021	158717	169814	177539	185778	195506	205292	216489	226942	237850	247499	256161	262339	266133	267073
	60-69	64301	69783	74790	79837	84540	88721	92868	97790	103102	108556	113987	123012	132311	140884	149539	157665	166794	175835	185044	195152	205487	211702	216829
70+	74518	83364	91734	99817	107422	115238	121843	128106	133814	139432	145410	150134	155740	160805	166401	172314	179213	186721	194657	202403	210623	222563	232926	
Female	All	518836	570347	620080	666230	711342	750519	786011	819342	852010	883961	914348	940605	966624	992959	1017956	1041011	1063287	1084844	1104677	1124292	1143386	1160126	1166931
	0-4	51341	50522	50120	48620	47623	45434	43431	41576	40499	39482	38731	37117	36049	35280	35127	34636	33329	31955	31212	30196	29621	28447	25120
	5-9	59129	65769	70997	74741	76546	76572	74771	73320	71157	69570	67084	65220	63004	61709	59680	58310	57180	56262	55358	54984	54056	52698	50473
	10-14	41924	47924	53982	60366	67469	74531	80886	85228	88427	89070	86642	86393	84566	82144	79865	77010	74870	72400	70558	68489	66955	65973	64566
	15-19	37927	40919	44094	47542	51494	55587	60576	65808	71413	77976	84546	90384	94339	97078	97284	96427	93800	91794	88862	86480	83337	81066	78264
	20-29	66326	72853	79307	85477	91200	95946	100808	105779	110994	116427	122137	128130	134801	142616	151833	161011	170576	178365	184813	190570	195850	198681	199501
	30-39	73946	80977	87306	92379	97332	101333	104219	106199	108032	109874	112600	115572	118827	122311	125617	128263	131462	135505	139488	143396	147773	152605	157451
	40-49	63279	70388	77447	85022	92623	100152	106978	113610	120158	126313	131167	134650	137455	139480	141248	142574	142959	142741	142206	142040	142925	144442	145329
	50-59	42234	49120	56176	62890	69767	75852	82197	88277	94437	101093	107721	112222	116837	122648	128238	134681	140454	146451	151832	156728	160146	162120	162596
	60-69	37810	41304	44765	48170	51293	54070	56878	60145	63785	67350	70912	76934	82986	88545	94194	99354	105316	111136	116943	123125	129181	132667	135284
70+	44920	50571	55886	61023	65995	71042	75267	79400	83108	86806	90808	93983	97760	101148	104870	108745	113341	118235	123405	128284	133542	141427	148347	
Male	All	455084	499408	542723	584005	624044	660436	693757	725577	756513	787761	817342	842878	868904	895206	920420	944141	966913	988375	1008589	1030215	1051274	1070379	1079676
	0-4	81079	80140	79391	77508	75271	72301	69642	67612	65333	63954	62677	59853	58274	56951	55840	54955	53210	50777	49472	47928	46357	44756	39349
	5-9	83530	93331	101189	107451	111383	112286	110411	108132	105569	103222	99698	97491	95072	92920	90346	88280	86079	84728	83317	81835	80683	78760	75274
	10-14	54895	63126	71636	80654	90376	100299	109691	116666	122070	125062	125508	123246	120734	117855	114853	110861	108387	105593	102776	100111	97910	95698	94094
	15-19	31366	36866	42759	49144	55954	63350	71084	79019	87454	96570	106022	114990	121795	127136	129924	130152	127637	125032	121640	118421	114429	111859	108974
	20-29	41550	45800	50576	55790	61443	67120	73829	81523	90039	99286	109808	121084	133420	147071	162218	177993	193952	207672	219908	231428	241350	248060	252097
	30-39	46335	50924	54735	58043	61217	63759	65749	67092	68346	69773	71701	73913	76708	80010	83581	87630	92746	99138	106106	114315	123861	134632	145838
	40-49	35203	39461	44174	48929	53959	59226	64131	69174	74095	78438	82158	84755	86655	88409	89728	90582	91064	90851	90350	90598	91104	92430	93449
	50-59	25037	28488	32390	36025	39767	43248	46654	50008	53584	57624	62093	65317	68941	72858	77054	81808	86488	91399	95667	99433	102193	104013	104477
	60-69	26491	28479	30025	31667	33247	34651	35990	37645	39317	41206	43075	46078	49325	52339	55345	58311	61478	64699	68101	72027	76306	79035	81545
70+	29598	32793	35848	38794	41427	44196	46576	48706	50706	52626	54602	56151	57980	59657	61531	63569	65872	68486	71252	74119	77081	81136	84579	

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*
Deprivation Quintile[†]																							
Q1 (least marginalized)	164262	182947	203501	224990	248747	272164	295520	318494	309477	332993	356369	377438	397221	338412	346439	353112	359464	366052	436060	451707	467389	480738	488600
Q2	182805	201613	219811	236460	253565	269915	284568	299286	312401	326931	340406	352103	362676	357203	368361	378270	387587	397058	432474	442163	451190	459404	463975
Q3	189948	207691	224880	240760	255298	268220	280382	291315	307876	319245	328863	337368	346582	362865	374108	384354	395062	404573	404957	411242	418060	423175	425771
Q4	194846	212550	229667	244536	258438	269400	278509	286823	305602	312851	319743	325491	331738	379759	390137	400764	411058	421048	396966	402524	407121	411997	413153
Q5 (most marginalized)	218319	238695	256550	272952	286713	296846	304497	310218	353308	359232	365100	369312	374839	438480	447777	456974	465153	472518	432141	436053	439965	444016	443854
Income Quintile																							
Q1 (lowest)	209472	228522	246341	269523	283047	292304	299860	305849	339278	345210	351280	356268	362648	368908	375463	382747	389340	395388	432018	437530	441807	447512	447757
Q2	196000	214872	232490	259535	274401	287054	297411	306820	326221	336777	347068	355678	364215	371389	379958	388335	396709	403951	420484	427506	434743	441167	443451
Q3	195624	214723	232928	250475	268494	284755	299164	312436	316821	332563	346658	357842	368995	381525	392243	401456	410104	418278	423762	433674	443494	450975	455434
Q4	190970	211464	232193	237088	257200	277197	296594	316528	313769	330192	346295	361435	375810	390951	404736	417419	429237	441269	414719	425489	436088	445776	451198
Q5 (highest)	179912	197996	216496	230872	249278	266608	283539	299937	307121	321590	334897	346605	357909	368622	378902	387690	396949	406333	422228	430248	438471	445018	448712
Rurality[†]																							
Rural	125104	137112	148434	146992	156977	166115	174267	181228	178001	183167	187446	190695	194427	196715	199955	203001	205969	208506	194872	197555	200858	204861	207694
Urban	848816	932643	1014369	1103243	1178409	1244840	1305501	1363691	1430522	1488555	1544244	1592788	1641101	1691450	1738421	1782151	1824231	1864713	1918394	1956952	1993802	2025644	2038913
Local Health Integration Network																							
1. Erie St. Clair	51070	55885	60682	64680	68725	72785	76160	79445	82492	85397	87779	89527	91185	92843	94677	96253	97686	99056	100567	102287	104345	106120	107102
2. South West	59825	65835	71520	77082	82448	87301	91455	95309	98670	102401	105859	108895	112179	115159	118380	121083	123698	125818	128308	130936	133856	137560	139720
3. Waterloo Wellington	42381	46572	50497	54710	58784	62661	66053	69806	73530	77296	80468	83042	85584	88148	90869	93649	96111	98345	100089	102446	105007	107216	108748
4. Hamilton Niagara Haldimand Brant	100794	110122	119435	128507	137389	145057	151907	158188	164508	170680	176034	180651	185276	190028	194533	198822	203273	207865	212496	217287	221877	226433	228639
5. Central West	60182	66979	73426	79838	86472	92519	98441	104332	110757	117613	124425	130469	136181	141691	146772	151300	155416	159697	163843	167662	171161	173573	173891
6. Mississauga Halton	80400	88905	97392	104895	112118	118319	124188	130500	136564	142355	148152	153644	158946	164512	169497	173826	177659	181306	184663	187477	189827	191159	191762
7. Toronto Central	98001	106927	114833	121964	128066	132983	136285	139406	142213	145371	148917	151762	155132	158482	161970	166262	170555	174899	179091	183975	188774	193201	195059
8. Central	120345	132333	144227	155187	166889	177416	187792	197028	207071	216738	226153	234659	242835	251429	259535	266589	273352	280125	285713	291435	296004	299339	300518
9. Central East	134340	147462	159957	171431	182431	192145	201386	209792	217808	225504	232829	239298	245530	252003	257655	263160	268330	273231	277669	282083	285969	289686	290529
10. South East	37155	40308	43314	46354	49616	52374	55043	57510	59767	61925	63650	65049	66525	68228	69840	71178	72671	73776	74798	76180	77752	79210	79905
11. Champlain	98438	108545	118484	127605	136437	143887	150976	157321	162850	169103	175404	180662	186387	192468	198264	203234	207952	212102	216251	219987	223995	227913	229973
12. North Simcoe Muskoka	28045	31085	34480	37870	41546	44948	48076	50986	54077	56415	58624	60369	61955	63440	65061	66721	68618	70533	72112	74085	76315	78346	79637
13. North East	45391	49470	53746	57603	60803	63696	66140	68596	70836	72840	74836	76623	78432	79779	80972	82271	83622	84882	85741	86341	87107	87834	88154
14. North West	17553	19327	20810	22509	23662	24864	25866	26700	27380	28084	28560	28833	29381	29955	30351	30804	31257	31584	31925	32326	32671	32915	32970

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*
Algoma	8200	8959	9612	10291	10770	11218	11512	11848	12187	12541	12846	13246	13624	13883	14211	14431	14599	14832	15111	15321	15577	15731	15817
Brant	13313	14600	15776	16895	17882	18764	19555	20253	21009	21661	22253	22687	23052	23813	24093	24396	24737	24999	25116	25410	25799	26206	26324
Durham	53855	59392	64623	69549	74564	79214	83661	88219	92906	97173	101347	105534	109116	112648	115778	118894	121890	124708	126974	129423	131492	133297	134053
Elgin-St Thomas	5732	6297	6844	7196	7737	8238	8660	9045	9364	9719	10040	10328	10608	10825	11134	11255	11379	11503	11858	12026	12181	12528	12815
Grey-Bruce	11778	12746	13580	14559	15565	16294	17025	17582	18076	18477	18843	19193	19432	19751	20114	20476	20791	21000	21457	21703	22038	22586	22853
Haldimand-Norfolk	8317	9073	9756	10522	11277	11835	12423	12979	13512	14004	14270	14561	14830	14771	14960	15058	15245	15434	16142	16470	16719	17159	17458
Haliburton Kawartha, Pine Ridge	15575	16922	18331	19651	21016	22368	23804	24861	25727	26532	26996	27458	27789	28320	28694	29027	29458	29938	30654	31411	32207	33124	33497
Halton	30671	33662	36944	40137	43489	46483	49402	52505	56108	59330	62327	65150	68086	71214	74014	76551	78996	81361	83684	85818	87690	88980	90002
Hamilton	31775	34820	37778	40754	43700	46306	48636	50739	52912	55034	56972	58565	60359	62296	63993	65774	67656	69749	71602	73557	75230	77055	77973
Hastings Prince Edward	12915	14026	15072	16016	17053	17883	18590	19389	19973	20579	21033	21387	21832	22279	22600	22925	23347	23508	23877	24360	24928	25549	25953
Huron	4569	4954	5289	5637	5923	6304	6549	6756	6849	7000	7121	7191	7283	7395	7496	7478	7493	7491	7513	7521	7593	7772	7875
Chatham-Kent	12134	13174	14097	14928	15506	16122	16555	16894	17223	17468	17657	17729	17749	17861	17953	17940	17858	17868	17839	17839	17962	18097	18203
Kingston Frontenac, and Lennox and Addington	14241	15398	16586	17785	19310	20512	21563	22625	23612	24483	25300	25940	26629	27496	28313	28997	29620	30168	30516	31046	31650	32201	32235
Lambton	12311	13332	14366	15138	15899	16632	17203	17751	18333	18778	19270	19588	19959	20362	20750	21026	21328	21530	21609	21754	22032	22232	22397
Leeds, Grenville, Lanark	12857	14112	15314	16506	17654	18977	20326	21289	22170	23046	23662	24174	24732	25306	25967	26526	27168	27632	28150	28601	29143	29485	29925
Middlesex-London	26736	29651	32464	35253	37618	39826	41751	43591	45279	47496	49705	51757	53943	55851	57858	59631	61438	62866	64250	65966	67747	69704	70811
Niagara	36884	40058	43275	46208	49203	51758	54067	56184	58032	59955	61658	63207	64684	66075	67604	68991	70224	71754	73171	74790	76495	77906	78505
North Bay Parry Sound	8930	9798	10857	11916	12712	13458	14094	14580	15076	15522	15901	16237	16610	17027	17285	17567	17886	18165	18325	18392	18761	19078	19259
Northwestern	5158	5635	6037	6492	6768	7068	7281	7482	7753	7981	8111	8175	8327	8450	8475	8526	8631	8683	8734	8914	9028	9101	9127
Ottawa	68072	75120	82161	88631	94884	99737	104657	109070	113092	117674	122584	126899	131365	136127	140643	144375	148086	151312	154578	157572	160805	163891	165130
Oxford	6255	6978	7636	8259	8983	9630	10127	10694	11249	11750	12054	12300	12568	12845	13156	13480	13823	14147	14484	14891	15339	15830	16175
Peel	91414	101904	112291	121720	130901	139314	147637	156411	164552	173912	183089	191415	198939	205993	212875	219064	224512	229505	234149	238071	241516	243610	243387
Perth	5157	5666	6192	6759	7279	7717	8083	8388	8603	8741	8843	8947	9146	9214	9387	9542	9595	9639	9798	9936	10073	10274	10323
Peterborough	12254	13576	14899	16008	17083	18123	19151	20031	20844	21486	22051	22443	22844	23337	23781	24357	24833	25326	25664	26225	26916	27625	28001
Porcupine	7042	7652	8246	8753	9150	9416	9703	9984	10336	10632	10934	11145	11443	11670	11867	11975	12107	12210	12284	12377	12392	12421	12377
Renfrew	8082	8793	9395	9978	10504	10928	11425	11948	12295	12651	12980	13241	13507	13736	14027	14319	14552	14845	15153	15393	15665	15846	16128
Eastern Ontario	18745	20673	22488	24175	25739	27265	28470	29465	30366	31432	32307	32843	33594	34417	35178	35870	36386	36889	37205	37534	37832	38355	38692
Simcoe Muskoka	33068	36845	40857	44673	48857	52818	56309	59702	63443	66241	68836	70887	72690	74686	76634	78738	81179	83790	86203	88635	91479	94198	96022
Sudbury	18518	20098	21834	23182	24515	25804	26928	28232	29240	30137	31043	31790	32414	32830	33182	33819	34529	35131	35487	35746	35891	36081	36166
Thunder Bay	12395	13692	14773	16017	16894	17797	18587	19220	19627	20102	20451	20662	21057	21524	21893	22294	22645	22918	23191	23412	23643	23814	23843
Timiskaming	2504	2733	2953	3199	3394	3519	3621	3677	3706	3725	3799	3883	4012	4047	4094	4141	4172	4217	4228	4193	4187	4232	4239
Waterloo	30223	33219	36000	38812	41364	43859	46090	48597	51117	53719	55866	57594	59273	60919	62616	64418	66026	67505	68427	69949	71663	73026	73952
Wellington-Dufferin- Guelph	15955	17547	19120	20876	22803	24652	26199	27782	29643	31112	32366	33429	34473	35594	36780	37843	38840	39832	40400	41633	42838	44088	44989
Windsor-Essex	26770	29533	32385	34789	37502	40218	42602	45006	47166	49388	51101	52462	53736	54921	56286	57596	58822	59987	61443	63019	64712	66168	66899
York Region	59118	65533	72387	79491	87629	95898	104689	112704	121502	129537	137729	145139	151719	158773	164998	170006	174697	179126	183379	187241	190189	191932	192938
Toronto	232397	253584	272585	289480	304259	315000	322833	329436	335641	342704	350345	356297	364104	371909	379687	387846	395652	403651	410611	418358	425248	431323	432264

* Reporting period is from April 1996 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.

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