

Rates of Angina in Asthma Individuals

Sex	Age Group	Rates of Angina in Asthma Individuals (Per 100 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	2023*	2024*	
All	All	11.33	12.18	12.80	13.41	13.97	14.37	14.73	14.88	14.94	14.94	14.87	14.70	14.52	14.28	14.00	13.75	13.51	13.32	13.16	12.98	12.80	12.64	12.49	12.37	12.20	12.05	11.89	11.72	11.57	
	20-29	1.09	1.14	1.21	1.25	1.36	1.45	1.54	1.52	1.53	1.51	1.49	1.48	1.46	1.44	1.41	1.39	1.40	1.40	1.43	1.42	1.44	1.43	1.42	1.40	1.39	1.36	1.33	1.29		
	30-39	2.30	2.49	2.65	2.86	3.06	3.19	3.35	3.41	3.42	3.43	3.42	3.37	3.34	3.28	3.22	3.18	3.12	3.08	3.01	2.94	2.84	2.75	2.66	2.59	2.51	2.45	2.40	2.34	2.31	
	40-49	6.21	6.62	6.90	7.28	7.49	7.64	7.83	7.80	7.76	7.73	7.64	7.53	7.42	7.33	7.22	7.07	6.95	6.85	6.73	6.63	6.46	6.36	6.24	6.05	5.87	5.69	5.47	5.30	5.11	
	50-59	14.72	15.59	16.31	16.78	17.28	17.55	17.91	17.98	17.88	17.65	17.43	17.02	16.53	16.08	15.61	15.14	14.67	14.32	14.03	13.75	13.49	13.20	12.98	12.77	12.48	12.21	11.97	11.59	11.22	
	60-69	23.84	25.55	26.74	28.02	29.20	29.99	30.54	30.62	30.72	30.71	30.57	30.08	29.66	29.14	28.60	28.20	27.66	27.02	26.43	25.74	25.16	24.46	23.75	23.14	22.49	21.81	21.18	20.62	20.12	
	70+	33.59	36.14	37.98	39.01	41.47	42.69	43.81	44.67	45.28	45.74	46.03	46.07	45.95	45.82	45.52	45.31	44.99	44.65	44.17	43.71	43.16	42.36	41.58	40.88	40.08	39.35	38.56	37.63	36.81	
Female	All	10.43	11.26	11.91	12.54	13.12	13.58	13.97	14.18	14.31	14.38	14.39	14.30	14.21	14.07	13.89	13.73	13.57	13.45	13.33	13.18	13.04	12.91	12.78	12.66	12.49	12.35	12.17	12.00	11.86	
	20-29	1.06	1.12	1.20	1.24	1.37	1.50	1.59	1.59	1.61	1.59	1.58	1.56	1.54	1.51	1.46	1.42	1.42	1.42	1.44	1.43	1.44	1.44	1.44	1.41	1.40	1.38	1.35	1.34	1.29	
	30-39	2.09	2.24	2.37	2.56	2.75	2.86	3.07	3.15	3.18	3.21	3.22	3.23	3.24	3.22	3.18	3.18	3.13	3.10	3.05	2.99	2.91	2.80	2.72	2.64	2.53	2.47	2.41	2.32	2.29	
	40-49	5.58	5.97	6.19	6.53	6.71	6.86	7.00	6.97	6.91	6.85	6.80	6.65	6.48	6.45	6.32	6.26	6.22	6.12	6.06	5.92	5.84	5.77	5.63	5.49	5.32	5.15	5.05	4.89		
	50-59	13.25	14.05	14.87	15.36	15.83	16.13	16.40	16.40	16.29	16.06	15.81	15.49	14.98	14.54	14.07	13.62	13.16	12.78	12.50	12.27	12.04	11.75	11.52	11.29	11.04	10.81	10.53	10.21	9.91	
	60-69	21.89	23.63	24.80	26.12	27.24	27.97	28.31	28.25	28.25	28.33	28.14	27.62	27.13	26.73	26.21	25.81	25.25	24.65	24.01	23.28	22.62	21.93	21.24	20.61	19.96	19.30	18.64	18.09	17.60	
	70+	32.56	34.87	36.83	38.23	39.80	40.99	42.08	42.88	43.51	43.83	43.98	43.91	43.81	43.62	43.34	43.09	42.74	42.39	41.83	41.25	40.69	39.83	39.00	38.25	37.34	36.57	35.69	34.75	33.94	
Male	All	12.76	13.65	14.24	14.81	15.34	15.64	15.93	15.97	15.91	15.79	15.59	15.30	14.97	14.58	14.16	13.79	13.43	13.14	12.93	12.71	12.49	12.30	12.13	12.00	11.84	11.68	11.54	11.38	11.22	
	20-29	1.15	1.18	1.22	1.25	1.35	1.38	1.47	1.42	1.42	1.42	1.40	1.38	1.38	1.37	1.37	1.38	1.39	1.42	1.42	1.43	1.42	1.43	1.44	1.44	1.41	1.40	1.37	1.33	1.30	
	30-39	2.64	2.88	3.10	3.34	3.55	3.72	3.80	3.83	3.81	3.77	3.73	3.59	3.50	3.37	3.28	3.18	3.11	3.04	2.96	2.88	2.76	2.69	2.59	2.53	2.49	2.43	2.39	2.36	2.33	
	40-49	7.35	7.79	8.14	8.58	8.83	8.96	9.21	9.15	9.14	9.15	8.98	8.93	8.79	8.68	8.44	8.25	8.03	7.86	7.67	7.53	7.32	7.17	6.97	6.69	6.45	6.24	5.95	5.65	5.42	
	50-59	17.21	18.24	18.81	19.27	19.83	20.04	20.58	20.76	20.68	20.45	20.23	19.66	19.16	18.68	18.17	17.65	17.12	16.80	16.44	16.09	15.77	15.47	15.25	15.06	14.70	14.37	14.05	13.72	13.26	
	60-69	26.61	28.35	29.63	30.92	32.23	33.13	34.06	34.40	34.73	34.61	34.55	34.20	33.91	33.23	32.68	32.28	31.79	31.09	30.59	29.94	29.48	28.68	27.90	27.30	26.59	25.85	25.20	24.57	24.04	
	70+	35.15	38.10	40.09	42.03	44.12	45.43	46.59	47.57	48.20	48.93	49.45	49.69	49.57	49.54	49.25	49.12	48.86	48.53	48.24	47.97	47.45	46.77	46.07	45.47	44.88	44.24	43.59	42.68	41.85	
		Rates of Angina in Asthma Individuals (Per 100 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	2023*	2024*	
Deprivation Quintile¹																															
Q1 (least marginalized)		8.79	9.55	10.03	10.44	10.91	11.10	11.39	11.60	12.01	11.97	11.86	11.75	11.60	11.61	11.38	11.22	11.03	10.90	10.68	10.50	10.33	10.19	10.12	10.07	9.98	9.91	9.84	9.74	9.64	
Q2		10.01	10.83	11.51	12.13	12.72	13.18	13.51	13.68	13.66	13.68	13.60	13.52	13.36	13.07	12.79	12.55	12.27	12.08	11.95	11.83	11.69	11.61	11.49	11.33	11.14	11.07	10.96	10.80	10.68	
Q3		11.15	12.05	12.68	13.29	13.89	14.33	14.68	14.92	14.92	14.95	14.95	14.71	14.55	14.26	14.01	13.72	13.46	13.20	13.36	13.17	13.01	12.82	12.67	12.32	12.19	12.08	11.95	11.81	11.69	
Q4		12.38	13.28	13.98	14.70	15.28	15.79	16.29	16.37	16.10	16.13	16.07	15.95	15.82	15.54	15.23	14.98	14.78	14.56	14.58	14.37	14.21	14.04	13.86	13.63	13.49	13.25	13.05	12.88	12.67	
Q5 (most marginalized)		13.12	13.99	14.66	15.42	16.05	16.56	17.03	17.24	17.33	17.43	17.52	17.39	17.19	16.03	15.76	15.51	15.26	15.13	15.23	15.07	14.90	14.70	14.54	14.42	14.22	13.97	13.73	13.52	13.31	
Income Quintile																															
Q1 (lowest)		13.21	14.14	14.84	15.51	16.13	16.64	17.18	17.38	16.92	17.05	17.11	17.01	16.85	16.66	16.35	16.10	15.82	15.66	15.64	15.51	15.32	15.11	14.95	15.01	14.85	14.59	14.32	14.08	13.84	
Q2		11.95	12.89	13.54	14.52	15.04	15.57	15.96	16.14	15.94	15.92	15.86	15.64	15.46	15.22	14.95	14.70	14.44	14.24	14.24	14.06	13.87	13.62	13.47	13.19	12.99	12.78	12.58	12.40	12.24	
Q3		11.11	11.95	12.64	12.88	13.43	13.81	14.22	14.41	14.45	14.44	14.43	14.29	14.21	14.05	13.81	13.60	13.37	13.17	12.95	12.88	12.71	12.51	12.38	12.20	11.99	11.86	11.69	11.53	11.40	11.27
Q4		10.16	10.93	11.49	12.02	12.62	12.95	13.21	13.40	13.43	13.77	13.63	13.47	13.27	13.08	12.76	12.57	12.36	12.22	11.75	11.56	11.40	11.30	11.14	11.00	10.87	10.78	10.69	10.54	10.45	
Q5 (highest)		9.76	10.54	11.10	11.52	12.11	12.43	12.73	12.89	13.11	13.15	13.07	12.96	12.81	12.53	12.28	12.01	11.78	11.59	10.91	10.78	10.67	10.58	10.53	10.36	10.23	10.24	10.20	10.10	10.01	
Rurality²																															
Rural		13.18	14.25	14.90	15.45	16.02	16.54	17.09	17.31	17.46	17.50	17.41	17.25	17.10	16.86	16.58	16.43	16.17	15.95	15.93	15.69	15.48	15.26	15.01	15.04	14.75	14.49	14.22	14.06	13.82	
Urban		11.05	11.87	12.49	13.13	13.69	14.08	14.41	14.55	14.61	14.61	14.55	14.39	14.20	13.96	13.69	13.43	13.19	13.01	12.86	12.68	12.51	12.35	12.22	12.08	11.92	11.78	11.63	11.46	11.31	
Local Health Integration Network																															
1. Erie St. Clair		12.32	12.98	13.59	14.13	14.52	14.92	15.25	15.52	15.73	15.87	15.87	15.82	15.81	15.72	15.44	15.21	14.85	14.55	14.21	13.87	13.54	13.31	13.03	12.82	12.52	12.30	12.04	11.78	11.61	
2. South West		9.16	10.01	10.32	10.84	11.27	11.67	11.82	11.97	11.96	11.94	11.80	11.63	11.41	11.16	10.87	10.62	10.33	10.11	10.29	9.88	9.76	9.68	9.56	9.41	9.25	9.06	8.93	8.84	8.69	
3. Waterloo Wellington		8.25	8.71	9.20	9.69	9.97	10.13	10.32	10.34	10.44	10.35	10.28	9.99	9.77	9.45	9.12	8.85	8.51	8.24	8.07	7.93	7.92	7.80	7.76	7.68	7.58	7.54	7.46	7.40	7.39	
4. Hamilton Niagara Haldimand Brant		13.87	14.63	15.18	15.66	16.00	16.27	16.50	16.56	16.57	16.40	16.13	15.75	15.43	15.01	14.58	14.19	13.84	13.58	13.31	13.07	12.81	12.61	12.40	12.18	11.96	11.68	11.42	11.14	10.98	
5. Central West		7.85	8.45	9.08	9.82	10.48	10.99	11.45	11.82	11.98	12.03	12.06	12.06	12.07	12.20	12.21	12.30	12.31	12.38	12.38	12.52	12.54	12.52	12.64	12.72	12.69	12.72	12.82	12.88	12.82	
6. Mississauga Halton		9.37	10.18	10.68	11.53	12.09	12.48	12.78	13.02	13.20	13.20	13.20	13.03	12.80	12.56	12.33	12.11	11.89	11.70	11.58	11.42	11.34	11.28	11.21	11.19	11.06	10.97	10.83	10.71	10.58	
7. Toronto Central		14.63	15.59	16.46	17.34	18.07	18.61	19.13	19.07	18.83																					

*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.

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