

Median Wait Time for Asthma-Specific Emergency Department Visits

	Median Wait Time (Minutes) for Asthma-Specific Emergency Department Visits																																
	2003			2004			2005			2006			2007			2008			2009			2010			2011			2012			2013		
	Triage 1 ¹	Triage 2 ²	Total ³	Triage 1 ¹	Triage 2 ²	Total ³	Triage 1 ¹	Triage 2 ²	Total ³	Triage 1 ¹	Triage 2 ²	Total ³	Triage 1 ¹	Triage 2 ²	Total ³	Triage 1 ¹	Triage 2 ²	Total ³	Triage 1 ¹	Triage 2 ²	Total ³	Triage 1 ¹	Triage 2 ²	Total ³	Triage 1 ¹	Triage 2 ²	Total ³	Triage 1 ¹	Triage 2 ²	Total ³			
All	38	84	135	41	85	141	45	88	145	48	83	145	50	85	152	54	85	159	54	85	159	51	85	160	51	83	159	50	85	160	50	90	161
Age Group																																	
0-4	37	100	152	40	105	160	40	111	166	44	105	162	45	110	172	46	115	180	44	110	175	40	114	174	40	113	179	40	112	175	39	118	175
5-9	38	75	130	40	80	133	43	85	143	45	75	136	47	80	148	52	75	150	49	85	153	48	80	150	46	78	151	45	80	151	44	85	153
10-14	37	60	114	42	65	120	46	65	125	48	60	127	50	60	132	54	60	134	55	65	139	48	65	141	50	61	137	50	61	140	46	62	137
15-19	38	62	113	42	63	119	46	60	121	50	60	124	52	60	126	57	55	132	58	55	134	54	55	135	56	55	132	52	57	132	52	60	134
20-29	37	70	120	40	67	122	44	70	125	49	65	127	51	60	134	55	62	138	56	64	143	53	61	138	55	61	138	56	65	141	52	65	137
30-39	37	80	131	40	77	132	45	75	134	47	75	135	49	74	139	56	71	146	57	75	152	54	75	150	54	70	145	52	75	146	50	75	149
40-49	38	90	137	42	90	147	47	87	145	50	90	149	52	85	152	55	88	163	59	80	162	58	86	167	55	87	161	55	85	163	53	90	164
50-59	40	105	154	44	102	159	50	95	158	55	105	170	56	100	173	59	102	182	57	97	176	59	95	176	56	100	178	57	100	177	57	104	181
60-69	43	110	161	50	120	174	51	115	172	56	110	182	60	113	184	62	115	193	64	119	199	60	112	194	59	115	197	59	115	192	57	118	196
70-79	43	155	195	50	150	209	55	140	214	70	149	224	65	155	240	66	137	221	74	140	225	59	140	222	69	141	243	62	145	225	63	150	235
80-89	45	156	220	50	204	258	58	190	261	64	165	262	67	190	276	80	180	287	73	176	274	70	171	269	62	185	273	66	180	278	68	180	276
90-99	46	194	271	53	210	295	57	255	338	101	222	326	67	215	302	96	194	330	78	218	327	85	244	372	88	233	331	57	259	348	63	225	320
Sex																																	
Female	40	85	139	43	90	145	47	90	148	50	85	150	52	85	157	56	85	163	58	85	165	54	87	164	54	85	163	53	89	165	52	92	166
Male	37	80	132	40	84	139	42	85	142	46	80	141	48	80	148	51	81	155	50	83	154	48	83	155	48	80	154	48	83	156	47	85	155
Material Resources Quintile [†]																																	
Q1 (least marginalized)	40	95	156	42	95	155	45	98	160	49	90	155	50	90	162	55	92	169	50	77	151	49	80	153	49	75	149	48	80	155	46	80	152
Q2	37	83	135	40	81	138	45	85	145	47	85	147	49	82	153	55	85	160	50	75	149	50	76	146	49	75	146	48	79	149	47	80	148
Q3	38	75	128	41	80	136	45	81	138	48	80	144	50	85	150	51	80	150	51	75	145	48	75	148	48	75	148	48	75	149	47	81	150
Q4	35	75	123	40	85	135	44	83	138	45	78	137	48	80	146	54	80	153	55	85	162	52	87	162	52	87	162	52	88	165	51	93	166
Q5 (most marginalized)	40	90	142	44	90	146	45	90	150	50	85	150	53	85	157	56	85	163	59	97	179	55	98	179	55	96	179	54	97	175	53	100	177
Rurality [‡]																																	
Urban	41	95	153	45	97	160	48	100	164	52	95	165	55	94	170	59	95	177	58	95	177	55	95	176	55	94	175	53	95	174	52	100	175
Rural	26	45	78	28	45	80	30	45	82	32	41	84	34	44	89	36	45	91	38	42	93	37	45	95	38	45	97	39	45	100	37	45	100
Local Health Integration Network (LHIN)																																	
1. Erie St. Clair	44	50	112	45	50	115	43	50	115	45	50	115	46	49	115	50	55	121	52	55	128	58	54	138	55	50	127	55	57	134	61	60	138
2. South West	30	65	96	33	65	100	37	65	108	37	60	104	37	65	114	40	61	112	39	60	114	38	57	108	39	58	112	39	60	119	38	59	116
3. Waterloo Wellington	48	85	149	53	90	160	57	89	163	60	90	164	57	85	161	66	85	170	65	80	162	59	83	164	57	77	160	59	85	166	52	89	170
4. Hamilton Niagara Haldimand Brant	35	83	135	39	79	131	39	79	132	43	75	130	45	75	140	47	70	138	46	80	149	45	80	147	45	73	145	48	75	147	44	80	150
5. Central West	47	105	175	45	110	185	52	120	195	55	113	187	59	115	200	70	120	214	73	120	222	65	125	214	66	118	211	58	125	204	60	116	205
6. Mississauga Halton	35	119	172	44	114	186	46	120	186	55	115	192	56	115	195	63	120	201	62	120	203	58	120	193	60	116	200	58	120	195	58	120	196
7. Toronto Central	44	165	222	49	155	220	54	147	223	63	135	224	66	135	223	71	140	239	69	131	229	61	136	223	58	133	213	56	130	206	57	135	212
8. Central	47	110	173	50	120	187	53	115	192	59	115	196	65	120	208	70	115	211	67	120	211	61	120	205	58	120	197	58	119	196	52	120	189
9. Central East	39	80	132	44	80	141	48	80	141	52	80	150	53	80	154	59	83	165	57	82	162	52	77	155	51	80	158	49	80	153	46	90	157
10. South East	30	60	110	28	60	110	32	67	118	38	60	115	40	60	121	42	67	134	40	56	120	43	65	128	47	61	130	46	65	135	46	70	140
11. Champlain	38	83	144	43	98	150	46	96	159	50	83	154	52	85	163	55	80	174	55	81	175	53	85	185	56	83	184	55	90	181	56	91	181
12. North Simcoe Muskoka	35	75	118	33	65	115	35	70	119	39	70	123	41	69	128	45	70	134	46	69	135	45	65	130	45	59	126	44	62	125	46	64	127
13. North East	35	55	90	39	51	91	38	50	97	41	45	99	40	45	99	43	50	107	42	54	109	43	54	107	45	55	111	47	51	117	45	50	113
14. North West	30	60	100	30	60	104	37	60	106	35	60	105	40	65	115	37	63	116	41	55	108	41	63	119	39	67	122	40	72	126	36	69	117
Hospital Type																																	
Community [§]	40	80	135	44	85	142	46	85	145	50	83	147	53	83	153	57	85	160	57	85	161	54	85	161	53	83	159	52	85	159	50	90	161
Paediatrics [¶]	55	205	270	54	200	274	55	215	290	60	190	272	60	180	268	63	195	288	61	210	294	46	215	282	49	184	258	45	177	238	46	179	241
Small ^{**}	23	36	66	26	37	70	28	35	72	30	30	73	31	30	76	34	35	79	35	35	82	35	35	82	36	36	86	37	38	89	37	40	91
Teaching ^{††}	35	120	175	39	120	180	45	115	180	47	109	175	50	110	179	55	105	183	55	105	190	55	104	186	56	100	186	58	107	192	55	112	193

Median Wait Time for Asthma-Specific Emergency Department Visits

	2014			2015			2016			2017			2018			2019			2020			2021			2022*			2023*		
	Triage 1 [†]	Triage 2 [†]	Total [‡]	Triage 1 [†]	Triage 2 [†]	Total [‡]	Triage 1 [†]	Triage 2 [†]	Total [‡]	Triage 1 [†]	Triage 2 [†]	Total [‡]	Triage 1 [†]	Triage 2 [†]	Total [‡]	Triage 1 [†]	Triage 2 [†]	Total [‡]	Triage 1 [†]	Triage 2 [†]	Total [‡]	Triage 1 [†]	Triage 2 [†]	Total [‡]	Triage 1 [†]	Triage 2 [†]	Total [‡]	Triage 1 [†]	Triage 2 [†]	Total [‡]
All	50	90	167	51	92	167	51	97	174	52	101	180	51	105	184	53	104	187	44	105	173	56	119	208	63	119	221	63	122	223
0-4	38	121	185	37	128	188	35	135	195	35	146	202	34	149	205	34	157	216	27	170	212	36	183	243	40	182	254	39	178	241
5-9	44	85	162	44	85	157	44	93	163	45	100	169	40	105	171	41	106	183	33	101	163	44	115	195	48	122	215	45	130	210
10-14	50	70	147	50	68	142	52	65	145	52	74	152	44	84	160	48	76	156	39	83	144	54	87	172	62	89	196	56	101	195
15-19	55	61	141	56	67	143	54	67	149	58	63	150	57	75	156	60	73	159	42	76	144	65	86	180	76	77	177	69	84	186
20-29	55	67	143	56	68	146	56	70	150	57	75	157	59	75	157	60	71	159	46	76	143	68	81	180	77	83	189	77	87	201
30-39	53	75	151	55	76	151	57	79	160	58	81	162	59	84	167	61	80	166	46	90	159	67	92	182	76	83	191	80	90	200
40-49	55	90	164	54	90	164	58	90	169	56	98	176	58	95	177	59	95	179	46	109	175	63	107	202	81	100	211	78	108	222
50-59	56	105	182	55	105	182	57	110	188	57	115	196	60	110	193	64	107	196	48	113	183	67	121	217	85	107	224	80	111	229
60-69	61	120	201	62	115	200	61	113	195	66	120	208	64	124	212	70	120	210	52	128	196	71	123	236	84	123	237	87	122	240
70-79	65	150	236	59	145	226	64	155	238	64	150	236	66	147	236	65	142	234	51	149	229	74	154	259	89	146	267	89	153	269
80-89	67	182	279	65	193	285	62	205	286	64	195	281	65	200	292	72	185	290	54	213	290	63	209	313	75	216	322	85	196	321
90-99	65	204	290	58	245	311	68	225	300	70	244	330	56	246	315	81	261	357	57	289	355	77	219	304	71	214	332	81	242	345
Female	53	94	171	54	95	173	55	100	179	55	102	183	55	107	188	57	105	189	47	110	178	62	118	212	68	117	222	69	120	229
Male	48	88	163	47	90	160	48	93	167	48	100	177	46	104	179	49	103	185	40	99	165	50	119	204	57	121	219	57	125	216
Q1 (least marginalized)	49	99	175	50	95	175	51	103	180	52	110	189	52	112	194	55	110	196	44	106	173	60	120	216	63	125	233	64	123	229
Q2	49	87	160	49	88	161	50	93	167	52	99	176	49	101	179	53	100	185	42	105	173	56	117	207	60	119	219	65	121	222
Q3	52	85	161	53	89	163	51	95	170	53	101	178	51	105	180	50	100	182	45	97	166	53	113	201	60	115	212	61	120	217
Q4	50	90	167	50	94	166	51	98	172	50	99	174	50	105	179	51	105	184	43	105	171	57	118	205	62	120	215	64	124	222
Q5 (most marginalized)	52	95	172	52	97	173	52	100	179	53	104	185	52	109	187	55	107	190	44	112	180	57	123	213	69	120	230	65	128	230
Urban	53	100	180	53	103	180	53	107	185	54	113	192	52	116	196	54	115	198	45	113	181	58	127	219	64	130	234	64	135	235
Rural	41	50	107	40	48	108	41	52	112	43	55	122	44	60	125	45	56	125	38	65	126	50	70	147	55	65	152	58	62	154
1. Erie St. Clair	65	55	143	71	60	150	64	60	146	67	73	166	68	71	163	70	71	171	46	95	174	63	96	195	71	82	185	81	114	225
2. South West	37	60	122	40	60	124	40	66	132	44	70	138	44	72	143	46	75	148	37	75	137	45	90	166	54	81	170	56	84	176
3. Waterloo Wellington	57	90	166	60	78	161	60	88	163	65	95	187	63	99	190	68	97	190	53	107	169	76	112	208	84	109	229	88	110	225
4. Hamilton Niagara Haldimand Brant	48	83	159	49	89	165	50	90	168	56	97	183	52	95	187	48	94	183	45	107	178	54	114	208	62	120	225	61	121	233
5. Central West	60	124	211	59	132	212	53	131	208	40	132	192	37	137	192	37	137	192	42	130	191	47	153	230	44	153	227	50	150	228
6. Mississauga Halton	58	125	205	60	128	208	62	138	220	60	140	221	60	144	231	64	140	224	47	148	217	69	149	256	80	151	258	72	157	255
7. Toronto Central	59	137	216	52	141	213	56	144	225	56	152	237	58	155	235	59	151	240	47	155	229	67	181	268	67	198	300	71	178	281
8. Central	48	120	185	47	122	187	49	129	196	50	135	199	48	141	206	50	139	210	38	129	178	46	151	215	48	150	228	50	149	224
9. Central East	49	90	163	49	90	158	50	95	165	50	100	175	51	105	180	51	100	177	40	98	160	56	113	201	68	120	224	64	129	226
10. South East	48	68	142	46	70	140	50	71	150	52	76	152	49	80	155	54	79	157	40	89	146	57	91	181	65	90	191	86	81	202
11. Champlain	55	95	195	58	99	194	57	107	204	61	100	205	58	106	205	65	109	222	56	101	188	73	124	242	75	118	254	75	122	253
12. North Simcoe Muskoka	50	67	140	55	71	147	51	72	149	59	77	152	57	80	156	54	78	158	52	100	178	62	96	192	78	98	204	73	90	195
13. North East	46	60	123	43	59	118	44	60	121	43	64	125	44	69	135	46	65	135	41	71	132	53	72	153	56	69	159	55	72	168
14. North West	38	75	121	39	75	125	45	82	140	46	88	155	48	85	147	48	83	151	39	106	160	49	93	171	54	107	176	53	100	166
Community§	53	90	166	53	93	167	54	95	172	54	101	177	53	105	181	55	102	182	45	106	173	58	113	201	63	113	210	65	120	218
Paediatrics¶	46	189	254	45	200	256	38	195	252	41	201	261	36	195	253	39	206	274	30	205	242	46	216	295	54	225	322	47	214	297
Small**	37	40	92	39	40	94	39	40	97	40	44	104	42	46	107	44	45	110	37	44	103	47	48	126	56	45	131	55	45	130
Teaching††	54	116	195	55	110	190	55	117	196	58	118	204	57	122	206	60	122	214	49	122	199	62	128	228	72	134	243	76	138	251

[†]Reporting period is from April 2003 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.

Note: Wait time is rounded to minutes.

[‡]Time from triage to physician assessment

[§]Time from physician assessment to disposition

[¶]Time from triage to disposition

[†]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: One ED visit with hospital type in Mental Health was excluded by hospital type.

Asthma incidence and prevalence with missing LHIN, rurality, or PHU were excluded from the report.

Asthma ED were captured from the main problem diagnosis code in NACRS.

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

[§]Community hospitals encompass those hospitals not defined as small or teaching.

[¶]Paediatric hospitals are those for patients ≤ 18 years of age.

^{**}Small hospitals are single community providers with < 2,700 inpatient acute, CCC and day surgery weighted cases.

^{††}Teaching hospitals have membership in the Council of Academic Hospitals of Ontario (CAHO).