

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	84	145	50	85	152	54	85	159	54	85	159	51	85	160	51	84	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	173	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	152
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	47	62	137
15-19	38	62	113	42	63	119	46	60	121	50	60	124	52	59	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	48	65	127	51	60	134	55	62	138	56	65	143	53	61	138	55	61	138	56	65	141	52	65	137
30-39	37	80	131	40	78	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	88	145	50	90	149	52	85	152	55	88	163	59	80	162	58	87	167	55	87	161	55	85	163	53	90	164
50-59	40	105	154	44	102	159	50	95	158	55	105	170	55	100	173	59	102	182	57	97	175	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	44	155	196	50	150	209	55	140	214	70	149	224	65	155	240	66	137	221	74	140	225	59	140	222	69	141	242	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	57	85	163	58	85	165	54	87	164	54	85	164	53	89	164	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 Quintile⁴																																	
Q1 (least marginalized)	40	94	155	42	95	155	45	97	160	50	90	156	50	90	162	55	90	170	50	79	152	49	80	155	49	75	150	48	80	155	45	81	152
Q2	37	83	135	40	80	138	44	85	144	47	84	145	50	80	151	55	85	157	49	75	149	49	76	147	49	74	146	48	79	150	47	80	149
Q3	37	75	128	40	80	135	45	82	140	47	80	141	49	83	149	51	80	152	51	75	145	48	75	145	48	75	149	48	75	148	47	81	149
Q4	35	75	124	41	85	136	44	83	138	46	80	139	49	80	147	53	80	154	55	86	162	52	90	162	52	89	162	51	90	165	51	90	164
Q5 (most marginalized)	40	90	143	44	90	146	45	90	150	50	85	150	52	85	157	56	85	163	59	96	179	55	99	180	55	96	179	54	97	175	53	100	177
Rurality⁵																																	
Urban	41	95	152	45	97	160	48	100	164	52	95	165	55	94	169	59	95	177	58	95	177	55	95	176	55	94	175	53	95	174	52	100	175
Rural	26	45	77	28	45	80	30	45	82	33	41	84	35	45	89	36	45	92	38	42	93	37	43	95	38	45	97	38	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	118	38	59	116
3. Waterloo Wellington	48	85	149	53	90	159	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	146	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	117	210	58	125	204	60	116	205
6. Mississauga Halton	35	119	172	44	115	186	46	120	186	55	115	192	56	115	195	63	120	201	62	120	203	58	120	193	60	117	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	224	59	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	57	119	196	51	120	189
9. Central East	39	80	132	44	81	141	48	80	141	52	80	151	53	80	154	59	83	165	57	82	162	52	77	155	51	80	158	49	81	153	46	90	157
10. South East	30	60	110	28	60	110	32	67	118	38	60	115	40	60	121	42	68	135	40	56	120	43	65	128	46	62	130	46	65	135	46	69	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	86	185	56	84	184	54	90	182	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	47	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	53	107	45	55	111	47	51	116	45	50	113
14. North West	30	60	100	30	60	104	37	60	106	36	60	105	40	65	115	37	64	116	41	55	108	41	63	119	39	67	122	40	72	126	36	68	117
Hospital Type																																	
Community ⁶	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 ⁷	55	205	270	54	200	274	55	215	290	60	190	272	60	180	268	63	195	288	61	210	294	45	215	282	49	184	258	45	178	238	46	180	241
Small ⁸ **	23	36	66	26	37	70	28	35	72	30	30	73	31	30	76	34	35	79	35	35	82	35	35	82	35	36	86	37	38	89	37	40	91
Teaching ⁹ ††	35	120	175	38	120	180	45	115	180	47	110	175	50	110	179	55	105	183	55	105	190	55	105	186	56	100	185	58	106	191	55	112	193

*Reporting period is from April 2003 to March 2023. Data for 2021 and 2022 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.

¹Community hospitals encompass those hospitals not defined as small or teaching.

²Time from triage to physician assessment

³Paediatric hospitals are those for patients ≤ 18 years of age.

⁴Time from physician assessment to disposition

⁵**Small hospitals are single community providers with < 2,700 inpatient acute, CCC and day surgery weighted cases.

⁶Time from triage to disposition

⁷††Teaching hospitals have membership in the Council of Academic Hospitals of Ontario (CAHO).

⁸Ontario Marginalization Index expressed in quintiles used as a proxy measure of socioeconomic status.

⁹Rural 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.

Median Wait Time for Asthma-Specific Emergency Department Visits (cont'd)

Median Wait Time (Minutes) for Asthma-Specific Emergency Department Visits																											
	2014			2015			2016			2017			2018			2019			2020			2021*			2022*		
	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	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	120	221
Age Group																											
0-4	38	121	185	37	128	188	35	135	195	35	146	203	34	149	205	34	157	216	27	170	212	36	183	244	40	185	255
5-9	44	86	162	44	85	157	44	93	163	45	100	169	40	105	171	41	106	184	33	101	163	44	116	195	48	124	216
10-14	50	70	147	50	68	142	52	65	145	52	74	152	44	84	160	48	76	155	39	84	144	54	87	172	62	89	196
15-19	55	60	141	56	67	143	54	67	148	58	63	150	57	75	156	60	73	159	42	76	144	65	85	180	76	78	178
20-29	55	67	143	56	68	146	56	70	150	57	75	157	59	75	157	60	71	159	46	76	143	67	82	180	77	83	189
30-39	53	75	151	55	76	151	57	79	161	58	82	162	59	85	167	61	80	166	46	90	159	67	91	182	75	84	191
40-49	55	90	164	54	90	164	58	90	169	56	97	176	58	95	178	59	95	179	46	109	175	63	107	202	80	100	212
50-59	56	105	182	55	105	182	57	110	188	57	115	196	60	110	193	64	107	195	48	113	183	66	121	217	84	107	224
60-69	61	120	201	62	115	200	61	113	195	66	120	208	65	124	212	70	120	210	52	128	196	71	123	236	84	125	238
70-79	65	150	236	59	145	226	64	155	238	64	150	236	66	147	236	65	142	235	51	150	230	75	155	260	89	148	266
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	215	319
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
Sex																											
Female	53	94	171	54	95	174	55	100	179	55	102	183	55	107	188	57	105	189	47	110	178	62	118	212	68	117	223
Male	48	89	163	47	90	160	48	93	167	48	100	177	46	104	179	49	103	185	40	99	165	50	119	204	57	121	220
Material Resources Quintile†																											
Q1 (least marginalized)	49	99	176	50	97	175	51	102	180	51	111	190	52	110	194	55	110	195	44	105	175	60	119	215	61	126	235
Q2	49	87	160	49	90	161	51	95	169	52	99	177	49	103	179	52	100	185	42	104	170	55	121	206	61	118	219
Q3	52	87	162	52	88	162	50	93	168	53	100	177	50	105	181	44	100	181	44	100	166	55	110	203	60	116	213
Q4	50	90	166	51	94	167	52	99	173	50	99	175	50	104	179	52	105	185	44	105	172	57	116	204	62	119	215
Q5 (most marginalized)	52	95	172	52	97	173	52	100	178	53	103	184	53	109	187	55	108	191	44	111	179	58	124	215	68	121	231
Rurality‡																											
Urban	53	100	180	53	103	180	53	107	185	53	113	192	52	116	195	55	115	198	45	114	181	58	127	219	64	130	235
Rural	41	50	107	40	48	107	41	52	112	44	54	122	44	60	125	45	57	125	39	65	125	50	70	147	55	65	152
Local Health Integration																											
1. Erie St. Clair	65	55	143	71	60	149	64	60	146	67	73	166	68	70	163	70	71	171	46	96	174	64	96	195	71	83	186
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
3. Waterloo Wellington	57	90	166	60	78	161	60	88	164	65	95	187	63	100	190	68	97	190	53	107	171	76	112	208	83	109	228
4. Hamilton Niagara Haldimand Brant	48	83	159	49	89	165	50	90	168	56	96	183	52	95	187	48	93	183	45	107	178	54	114	208	62	120	225
5. Central West	59	124	211	59	132	212	53	131	208	40	132	191	37	137	192	37	137	192	42	130	191	47	154	229	44	153	227
6. Mississauga Halton	58	126	205	60	128	209	62	138	220	60	140	221	60	144	231	65	140	224	47	148	217	69	149	256	80	152	259
7. Toronto Central	59	136	216	52	141	213	56	144	225	56	152	237	58	155	235	59	151	240	47	154	229	67	180	268	67	201	302
8. Central	48	120	185	47	122	187	49	129	196	50	135	199	48	141	206	50	139	209	38	129	178	46	151	215	48	150	229
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	69	120	224
10. South East	48	68	142	46	70	140	50	71	150	51	76	152	49	80	154	53	79	157	40	89	146	57	91	181	64	89	190
11. Champlain	55	95	195	58	99	194	57	106	203	60	100	204	58	106	206	65	108	222	56	102	188	73	124	242	76	118	256
12. North Simcoe Muskoka	50	67	140	55	72	147	51	72	149	59	77	152	57	80	156	54	79	158	51	100	178	62	97	192	78	97	203
13. North East	45	60	123	43	59	118	44	60	121	43	64	125	44	69	135	46	65	135	41	71	132	52	72	153	57	70	161
14. North West	38	75	121	39	75	125	45	82	140	46	87	155	48	85	147	48	83	151	39	105	162	49	94	171	53	107	176
Hospital Type																											
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	64	114	210
Paediatrics¶	46	189	255	45	200	255	38	195	252	41	201	261	36	195	253	39	206	274	30	203	241	46	217	296	54	227	324
Small**	37	40	92	39	40	94	39	40	97	41	44	104	42	46	107	44	45	110	37	44	103	47	48	126	56	44	131
Teaching††	54	116	194	55	110	190	55	117	197	58	118	204	57	122	206	60	122	214	49	122	199	62	128	229	71	135	244

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¶Time from triage to physician assessment

**Paediatric hospitals are those for patients ≤ 18 years of age.

†Time from physician assessment to disposition

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

‡Time from triage to disposition

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

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