

Ontario Stroke Report Card, 2017/18

Local Health Integration Networks (LHINs)

- | | | |
|--|-----------------------|--------------------------|
| 1. Erie St. Clair | 5. Central West | 10. South East |
| 2. South West | 6. Mississauga Halton | 11. Champlain |
| 3. Waterloo Wellington | 7. Toronto Central | 12. North Simcoe Muskoka |
| 4. Hamilton Niagara
Haldimand Brant | 8. Central | 13. North East |
| | 9. Central East | 14. North West |

● Progressing Well¹ ■ Progressing² ▲ Not Progressing³ □ Limited Data

Indicator No.	Care Continuum Category	Indicator ⁴	Ontario FY 2017/18 (2016/17)	Variance Across LHINs (Min-Max)	Provincial Benchmark ⁵	High Performers ⁶	
						Sub-region/Facility	LHIN
1 ●	Public awareness and patient education	Proportion of stroke/TIA patients who arrived at the ED by ambulance.	60% (59.2%)	54.9% - 64.2%	65.9%	Western Champlain sub-region	1, 11
2 ▲	Prevention of stroke	Annual age- and sex-adjusted inpatient admission rate for stroke/TIA (per 1,000 population).	1.3 (1.3)	1.1 -1.9	1.1	Oakville sub-region	7, 8, 6
3 [§] ■	Prevention of stroke	Risk-adjusted stroke/TIA mortality rate at 30 days (per 100 patients).	10.5 (10.7)	9.9 -17.1	-	-	11
4 ●	Prevention of stroke	Proportion of ischemic stroke/TIA inpatients aged 65 and older with atrial fibrillation who filled a prescription for anticoagulant therapy within 90 days of discharge from acute care.	74.2% (72.0%)	64% - 82.1%	85.6%	East Mississauga sub-region	5, 12
5 ●	Prevention of stroke	Proportion of ischemic stroke inpatients who received carotid imaging.	84.4% (82.7%)	81.7% - 92.4%	93.0%	Thunder Bay Regional Health Sciences Centre	14, 3
6 ●	Acute stroke management	Median door-to-needle time among patients who received acute thrombolytic therapy (tPA) (minutes). Target ⁷ : 30 minutes	45.0 (47.0)	31.5 - 327.0	33.0	Kingston Health Sciences Centre - Kingston General Site	10
7 [§] ■	Acute stroke management	Proportion of ischemic stroke patients who received acute thrombolytic therapy (tPA). Target ⁷ : >12%	12.2% (12.5%)	8.1% - 15.6%	17.7%	London Middlesex sub-region	11, 4
8 [§] ●	Acute stroke management	Proportion of stroke/TIA patients treated on a stroke unit ⁸ at any time during their inpatient stay. Target ⁷ : >75%	52.8% (45.6%)	16.0% - 80.6%	81.8%	Quinte sub-region	3, 10
9 ●	Prevention of stroke	Proportion of ischemic stroke/TIA patients discharged from the ED and referred to secondary prevention services.	78.8% (77.3%)	57.1% - 88.0%	95.1%	Hamilton Health Sciences Corp - Juravinski	None
10 [§] ▲	Acute stroke management	Proportion of ALC days to total length of stay in acute care.	31.1% (30.7%)	12.6% - 43.5%	8.2%	Bluewater Health, Sarnia	3
11 [§] ▲	Acute stroke management	Proportion of acute stroke (excluding TIA) patients discharged from acute care and admitted to inpatient rehabilitation. Target ⁷ : >30%	33.0% (34.8%)	23.9% - 44.8%	47.8%	Lambton sub-region	1
12 [§] ●	Stroke rehabilitation	Proportion of acute stroke (excluding TIA) patients with mild disability (AlphaFIM > 80) discharged home.	74.2% (72.6%)	55.2% - 93.0%	*	*	14, 3
13 [§] ■	Stroke rehabilitation	Median number of days between stroke (excluding TIA) onset and admission to stroke inpatient rehabilitation.	8.0 (9.0)	6.0 -14.0	5.0	Quinte Health Care - Belleville General Site	None
14 [§] □	Stroke rehabilitation	Median number of minutes per day of direct therapy received by inpatient stroke rehabilitation patients. Target ⁷ : 180 minutes/day	66.7 (64.8)	21.2 -92.8	107.6	West Park Healthcare Centre	None
15 [§] ●	Stroke rehabilitation	Proportion of inpatient stroke rehabilitation patients achieving RPG active length of stay target.	67.3% (65.8%)	46.2% -89.1%	86.6%	Providence Healthcare	12
16 ●	Stroke rehabilitation	Median FIM efficiency for moderate stroke in inpatient rehabilitation.	1.1 (1.1)	0.9 -1.7	1.6	Providence Healthcare	3, 12
17 ●	Stroke rehabilitation	Mean number of home and community care rehab visits provided to stroke patients on discharge from inpatient acute care or inpatient rehabilitation in 2016/17-2017/18.	8.4 (8.2)	5.0 -15.3	13.1	South East Home and Community Care	10, 3
18 [§] ▲	Stroke rehabilitation	Proportion of patients admitted to inpatient rehabilitation with severe stroke (RPG 1100 or 1110).	38.7% (42.3%)	27.9% - 50.0%	56.2%	Grand River Hospital Corp-Freepoint Site	None
19 [§] ▲	Reintegration	Proportion of stroke/TIA patients discharged from acute care to LTC/CCC (excluding patients originating from LTC/CCC).	7.0% (6.7%)	2.6% -12.8%	1.9%	Guelph-Puslinch sub-region	None
20 [§] ▲	Reintegration	Age- and sex-adjusted readmission rate at 30 days for patients with stroke/TIA for all diagnoses (per 100 patients). Target ⁷ : 10.0	7.8 (7.6)	6.6 -9.7	-	-	10

*Benchmark has not been specified for this indicator.

Hospital Service Accountability Agreement indicator, 2015/16

- Data not available

§ Contributes to QBP performance

¹ Statistically significant improvement.

² Performance improving but not statistically significant.

³ No change or performance decline.

⁴ Facility-based analysis (excluding indicators 1, 2, 4, 7, 8, 11 and 19) for patients aged 18 -108.

Indicators are based on CIHI data. Low rates are desired for indicators 2, 3, 6, 10, 13, 19 and 20.

⁵ Top benchmark achieved between 2015/16 and 2017/18. Benchmarks were calculated using the ABC methodology (Weissman et al. *J Eval Clin Pract* 1999; 5(3):269 -81) on sub-Region or facility data.

⁶ Sub-region/Facility: Highest performer among acute care institutions treating more than 100 stroke patients per year, rehabilitation facilities admitting more than 62 stroke patients per year, or sub -regions with at least 30 stroke patients per year. LHIN: Top two with exemplary performance.

⁷ Targets based on international, national and provincial targets, please refer to full report for details.

⁸ The revised definition was developed with the consensus of Ontario Stroke Network regional directors (February 2014). There were 16 stroke units in 2013/14, 21 in 2014/15, 28 in 2015/16, 35 in 2016/17 and 39 in 2017/18.

