

ONTARIO STROKE REPORT CARD, 2011/12: SOUTH EAST LOCAL HEALTH INTEGRATION NETWORK

Poor performance¹

Acceptable performance²

Exemplary performance³

Benchmark not available⁴

Indicator No.	Care Continuum Category	Indicator ⁵	LHIN FY 2011/12 (2010/11)	Variance Within LHIN (Min–Max)	Provincial Benchmark ⁶	High Performer ⁷	
						Sub-LHIN/Facility	LHIN
1	Public awareness and patient education	Proportion of patients who arrived at ED less than 3.5 hours from stroke symptom onset.	– (37.0%)	–	– (52.0%)	Elgin Sub-LHIN	2, 11
2	Prevention of stroke	Annual age- and sex-adjusted inpatient admission rate for stroke/TIA (per 1,000 population).	1.3 (1.4)	0.5–2.1	1.1 (1.1)	Ottawa Centre Sub-LHIN	6, 9, 11
3	Prevention of stroke	Risk-adjusted stroke/TIA mortality rate at 30 days (per 100 patients).	13.8 (17.8)	0.0–22.7	12.2 (14.3)	Humber River Regional Hospital – Finch	7
4	Prevention of stroke	Proportion of ischemic stroke/TIA patients with atrial fibrillation prescribed or recommended anticoagulant therapy on discharge from acute care.	– (71.5%)	–	– (86.0%)	Queensway-Carleton Hospital	None
5	Prevention of stroke	Proportion of ischemic stroke patients without atrial fibrillation who received carotid imaging prior to hospital discharge.	– (78.7%)	–	– (92.8%)	Markham Stouffville Hospital	5
6	Acute stroke management	Proportion of suspected stroke/TIA patients who received a brain CT/MRI within 24 hours of arrival at ED.	– (81.9%)	–	– (97.7%)	Cambridge Memorial Hospital	5, 7
7	Acute stroke management	Proportion of ischemic stroke patients who arrived at ED less than 3.5 hours from symptom onset and received acute thrombolytic therapy (tPA) (excluding those with contraindications).	– (43.9%)	–	– (61.2%)	Trillium Health Centre	None
8	Acute stroke management	Proportion of stroke/TIA patients treated on a stroke unit at any time during their inpatient stay.	– (47.3%)	–	– (87.5%)	North Bay General Hospital	None
9	Acute stroke management	Proportion of stroke (excluding TIA) patients with a documented initial dysphagia screening performed during admission to acute care.	– (57.6%)	–	– (83.7%)	Thunder Bay Regional Health Sciences Centre	14
10	Acute stroke management	Proportion of ALC days to total length of stay in acute care.	20.3% (34.1%)	0.0–41.7%	14.6% (14.0%)	Grey Bruce Health Services – Owen Sound	None
11	Acute stroke management	Proportion of acute stroke (excluding TIA) patients discharged from acute care and admitted to inpatient rehabilitation.	31.7% (29.4%)	6.7–50.0%	42.6% (42.3%)	Barrie and Area Sub-LHIN	14
12	Stroke rehabilitation	Proportion of stroke (excluding TIA) patients discharged from acute care who received a referral for outpatient rehabilitation.	– (4.6%)	–	– (12.1%)	Burlington Sub-LHIN	14, 13
13	Stroke rehabilitation	Median number of days between stroke (excluding TIA) onset and admission to stroke inpatient rehabilitation (RCG-1 and RCG-2).	10.5 (13.0)	6.0–21.0	6.5 (7.0)	Northumberland Hills Hospital	9, 12
14	Stroke rehabilitation	Rehabilitation therapy staff/bed ratio for inpatient stroke rehabilitation.	–	–	–	–	–
15	Stroke rehabilitation	Proportion of ALC days to total length of stay in inpatient rehabilitation (Active + ALC) (RCG-1).	8.8% (6.9%)	4.3–14.8%	5.2% (6.3%)	William Osler Health System – Civic	5
16	Stroke rehabilitation	Median FIM efficiency for moderate stroke in inpatient rehabilitation (RCG-1).	0.9 (0.7)	0.4–1.1	1.1 (1.1)	Royal Victoria Regional Health Centre	9, 12
17	Stroke rehabilitation	Mean number of CCAC visits provided to stroke/TIA patients in 2010/11 and 2011/12.	10.9 (6.7)	n/a	7.9 (6.8)	South East CCAC	10, 12
18	Stroke rehabilitation	Proportion of patients admitted to inpatient rehabilitation with severe strokes (RPG = 1100 or 1110) (RCG-1).	37.2% (36.7%)	29.8–56.3%	48.6% (46.9%)	Brant Community Healthcare System – Brantford	None
19	Reintegration	Proportion of stroke/TIA patients discharged from acute care to LTC/CCC (excluding patients originating from LTC/CCC).	9.3% (11.2%)	0.0–17.4%	3.7% (4.7%)	Urban Guelph Sub-LHIN	None
20	Reintegration	Age- and sex-adjusted readmission rate at 30 days for patients with stroke/TIA for all diagnoses (per 100 patients).	8.1 (5.6)	4.9–10.9	8.0 (8.0)	Mackenzie Health – Mackenzie Richmond Hill Hospital	3, 11

¹ Performance below the 50th percentile.

² Performance at or above the 50th percentile and greater than 5% absolute/relative difference from the benchmark.

³ Benchmark achieved or performance within 5% absolute/relative difference from the benchmark.

⁴ Data not available or benchmark under development.

⁵ Facility-based analysis (excluding indicators 1, 2, 11, 12 and 19) for patients aged 18–108. Indicators 2, 3, 10, 11 and 13–20 are based on CIHI data. Data from the 2010/11 report card are displayed in brackets. For indicators 1, 4–9 and 12, performance ratings from the 2010/11 report card are presented. Low rates are desired for indicators 2, 3, 10, 13, 15, 19 and 20.

⁶ Provincial benchmarks were calculated using the ABC methodology and facility/sub-LHIN data, except for indicators 3, 15 and 20 where the provincial rate was used; 2010/11 benchmarks are displayed in brackets. For the benchmarking methodology, see Weissman et al. *Journal of Evaluation in Clinical Practice* 1999; 5(3):269-81.

⁷ High-performing acute care facilities include only high-volume institutions (those treating more than 100 strokes per year). High-performing rehabilitation facilities include sites with moderate to high volumes (those admitting more than 38 stroke patients per year). For indicators 1, 4–9 and 12, high performers from the 2010/11 report card are presented.

Hospital Service Accountability Agreement indicators, 2010/11

– Data not available n/a = Not applicable

ONTARIO STROKE REPORT CARD, 2011/12

Indicator No.	Care Continuum Category	Indicator ¹	Ontario FY 2011/12 (2010/11)	Variance Across LHINs (Min–Max)	Provincial Benchmark ²	High Performer ³	
						Sub-LHIN/Facility	LHIN
1	Public awareness and patient education	Proportion of patients who arrived at ED less than 3.5 hours from stroke symptom onset.	– (42.3%)	–	– (52.0%)	Elgin Sub-LHIN	2, 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 (1.1)	Ottawa Centre Sub-LHIN	6, 9, 11
3	Prevention of stroke	Risk-adjusted stroke/TIA mortality rate at 30 days (per 100 patients).	12.2 (14.3)	10.1–15.9	12.2 (14.3)	Humber River Regional Hospital – Finch	7
4	Prevention of stroke	Proportion of ischemic stroke/TIA patients with atrial fibrillation prescribed or recommended anticoagulant therapy on discharge from acute care.	– (72.1%)	–	– (86.0%)	Queensway-Carleton Hospital	None
5	Prevention of stroke	Proportion of ischemic stroke patients without atrial fibrillation who received carotid imaging prior to hospital discharge.	– (78.7%)	–	– (92.8%)	Markham Stouffville Hospital	5
6	Acute stroke management	Proportion of suspected stroke/TIA patients who received a brain CT/MRI scan within 24 hours of arrival at ED.	– (89.6%)	–	– (97.7%)	Cambridge Memorial Hospital	5, 7
7	Acute stroke management	Proportion of ischemic stroke patients who arrived at ED less than 3.5 hours from symptom onset and received acute thrombolytic therapy (tPA) (excluding those with contraindications).	– (32.4%)	–	– (61.2%)	Trillium Health Centre	None
8	Acute stroke management	Proportion of stroke/TIA patients treated on a stroke unit at any time during their inpatient stay.	– (38.3%)	–	– (87.5%)	North Bay General Hospital	None
9	Acute stroke management	Proportion of stroke (excluding TIA) patients with a documented initial dysphagia screening performed during admission to acute care.	– (64.8%)	–	– (83.7%)	Thunder Bay Regional Health Sciences Centre	14
10	Acute stroke management	Proportion of ALC days to total length of stay in acute care.	27.3% (32.5%)	19.7–39.1%	14.6% (14.0%)	Grey Bruce Health Services – Owen Sound	None
11	Acute stroke management	Proportion of acute stroke (excluding TIA) patients discharged from acute care and admitted to inpatient rehabilitation.	31.5% (30.7%)	24.0–39.1%	42.6% (42.3%)	Barrie and Area Sub-LHIN	14
12	Stroke rehabilitation	Proportion of stroke (excluding TIA) patients discharged from acute care who received a referral for outpatient rehabilitation.	– (5.9%)	–	– (12.1%)	Burlington Sub-LHIN	14, 13
13	Stroke rehabilitation	Median number of days between stroke (excluding TIA) onset and admission to stroke inpatient rehabilitation (RCG-1 and RCG-2).	10.0 (10.0)	7.0–15.0	6.5 (7.0)	Northumberland Hills Hospital	9, 12
14	Stroke rehabilitation	Rehabilitation therapy staff/bed ratio for inpatient stroke rehabilitation.	–	–	–	–	–
15	Stroke rehabilitation	Proportion of ALC days to total length of stay in inpatient rehabilitation (active + ALC) (RCG-1).	5.2% (6.3%)	0.0–10.5%	5.2% (6.3%)	William Osler Health System – Civic	5
16	Stroke rehabilitation	Median FIM efficiency for moderate stroke in inpatient rehabilitation (RCG-1).	0.8 (0.8)	0.5–1.1	1.1 (1.1)	Royal Victoria Regional Health Centre	9, 12
17	Stroke rehabilitation	Mean number of CCAC visits provided to stroke/TIA patients in 2010/11 and 2011/12.	5.7 (6.1)	4.0–10.9	7.9 (6.8)	South East CCAC	10, 12
18	Stroke rehabilitation	Proportion of patients admitted to inpatient rehabilitation with severe stroke (RPG = 1100 or 1110) (RCG-1).	31.6% (31.2%)	14.1–41.4%	48.6% (46.9%)	Brant Community Healthcare System – Brantford	None
19	Reintegration	Proportion of stroke/TIA patients discharged from acute care to LTC/CCC (excluding patients originating from LTC/CCC).	9.1% (9.8%)	4.5–13.1%	3.7% (4.7%)	Urban Guelph Sub-LHIN	None
20	Reintegration	Age- and sex-adjusted readmission rate at 30 days for patients with stroke/TIA for all diagnoses (per 100 patients).	8.0 (8.0)	7.0–9.0	8.0 (8.0)	Mackenzie Health – Mackenzie Richmond Hill Hospital	3, 11

¹ Facility-based analysis (excluding indicators 1, 2, 11, 12 and 19) for patients aged 18–108. Indicators 2, 3, 10, 11 and 13–20 are based on CIHI data. Data from the 2010/11 report card are displayed in brackets. Low rates are desired for indicators 2, 3, 10, 13, 15, 19 and 20.

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Hospital Service Accountability Agreement indicators, 2010/11

 – Data not available

Local Health Integration Networks (LHINs)

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