

Ontario Stroke Evaluation Report 2013

Spotlight on Secondary Stroke Prevention and Care

SUPPLEMENTARY EXHIBITS

June 2013



EXHIBIT 3.25 Age- and sex-adjusted rates of emergency department visits by adult patients with stroke or transient ischemic attack per 1,000 sub-LHIN population, in Ontario and by sub-Local Health Integration Network, 2003/04 and 2009/10–2011/12

Group/Subgroup		Age- and Sex-Adjusted Rate ² of ED Visits, % (n)			
		2003/04	2009/10	2010/11	2011/12
Ontario^{1,2}		2.0 (18,935)	1.8 (19,981)	1.7 (19,688)	1.7 (20,013)
Local Health Integration Network²		Sub-Local Health Integration Network			
Erie St. Clair	Essex	2.3 (724)	2.4 (811)	2.2 (759)	2.2 (750)
Erie St. Clair	Chatham-Kent	2.6 (259)	2.6 (272)	2.5 (268)	2.5 (264)
Erie St. Clair	Lambton	1.9 (248)	2.0 (274)	1.8 (243)	2.2 (296)
South West	Bruce	2.2 (150)	2.3 (160)	1.7 (127)	2.0 (146)
South West	Grey	2.0 (170)	2.1 (204)	1.9 (184)	2.0 (194)
South West	Huron	1.5 (94)	2.2 (141)	2.0 (130)	1.8 (121)
South West	Perth	1.8 (120)	1.7 (122)	1.4 (103)	1.7 (120)
South West	Middlesex	1.3 (448)	1.8 (696)	1.7 (669)	1.8 (701)
South West	Oxford-Norfolk	1.9 (208)	2.0 (229)	2.0 (230)	2.1 (243)
South West	Elgin	2.0 (141)	1.9 (148)	2.0 (160)	2.0 (161)
Waterloo Wellington	Urban Waterloo & Rural Waterloo South	2.0 (594)	1.9 (670)	1.9 (682)	2.0 (714)
Waterloo Wellington	Urban Guelph	1.5 (135)	1.6 (164)	1.6 (175)	1.7 (193)
Waterloo Wellington	Rural Waterloo	1.4 (50)	1.5 (65)	1.6 (68)	1.9 (82)
Waterloo Wellington	Rural - South Grey & North Wellington	2.5 (62)	2.0 (56)	1.7 (51)	2.0 (59)
Waterloo Wellington	Rural Wellington	1.5 (65)	1.8 (85)	1.4 (71)	1.9 (94)
Hamilton Niagara Haldimand Brant	Brant & Brantford	2.1 (223)	2.0 (238)	2.0 (244)	2.1 (256)
Hamilton Niagara Haldimand Brant	New Credit & Six Nations	4.5 (15)	3.6 (13)	4.3 (13)	5.2 (13)
Hamilton Niagara Haldimand Brant	Haldimand & Norfolk	2.3 (199)	2.2 (205)	2.0 (187)	1.9 (186)
Hamilton Niagara Haldimand Brant	Burlington	1.4 (202)	1.4 (246)	1.3 (232)	1.2 (212)
Hamilton Niagara Haldimand Brant	East Niagara	1.7 (195)	1.7 (212)	2.0 (242)	1.9 (233)
Hamilton Niagara Haldimand Brant	North Niagara	2.1 (357)	1.9 (356)	1.9 (355)	1.6 (312)
Hamilton Niagara Haldimand Brant	South Niagara	1.7 (152)	1.7 (167)	1.9 (196)	1.9 (191)
Hamilton Niagara Haldimand Brant	West Niagara	1.8 (94)	1.8 (102)	1.6 (93)	1.6 (95)
Hamilton Niagara Haldimand Brant	Stoney Creek	1.5 (85)	1.9 (112)	1.8 (106)	1.7 (106)
Hamilton Niagara Haldimand Brant	Glanbrook	1.4 (20)	2.0 (29)	2.4 (35)	1.7 (25)
Hamilton Niagara Haldimand Brant	Ancaster	1.9 (58)	1.1 (36)	1.6 (55)	1.7 (58)
Hamilton Niagara Haldimand Brant	Flamborough	1.2 (40)	1.0 (38)	1.0 (38)	1.3 (52)
Hamilton Niagara Haldimand Brant	Dundas	2.2 (48)	2.2 (55)	2.0 (49)	2.4 (61)
Hamilton Niagara Haldimand Brant	Hamilton Urban Core	2.8 (248)	2.1 (193)	2.1 (200)	2.1 (199)
Hamilton Niagara Haldimand Brant	Hamilton Outer Core	2.2 (455)	1.8 (406)	1.9 (441)	1.6 (373)
Central West	Dufferin County	3.0 (105)	1.6 (66)	1.6 (68)	2.1 (87)
Central West	Malton (Mississauga)	1.9 (43)	2.0 (55)	2.1 (57)	2.2 (62)
Central West	Caledon	1.4 (42)	1.6 (60)	1.7 (69)	1.9 (73)
Central West	Brampton	1.7 (361)	1.7 (460)	1.9 (514)	2.0 (552)
Central West	Rexdale (Toronto)	2.3 (219)	1.8 (192)	1.5 (175)	1.6 (182)
Central West	Woodbridge (Vaughan)	2.3 (36)	2.2 (44)	2.2 (45)	2.4 (48)
Mississauga Halton	Milton	1.3 (37)	1.9 (68)	1.5 (53)	1.5 (56)
Mississauga Halton	Halton Hills	1.8 (61)	1.5 (63)	1.5 (62)	1.8 (79)
Mississauga Halton	Oakville	1.5 (171)	1.3 (192)	1.4 (199)	1.2 (183)
Mississauga Halton	Northwest Mississauga	1.1 (200)	1.1 (267)	1.0 (249)	1.0 (241)
Mississauga Halton	Southeast Mississauga	2.0 (401)	1.8 (421)	1.8 (435)	1.6 (406)
Mississauga Halton	South Etobicoke (Toronto)	2.2 (185)	2.4 (227)	1.8 (177)	1.9 (187)
Toronto Central	West	1.8 (221)	1.8 (236)	1.9 (245)	1.8 (236)
Toronto Central	North West	1.8 (309)	1.7 (295)	1.6 (289)	1.5 (283)
Toronto Central	South West	1.5 (172)	1.8 (211)	1.6 (196)	1.3 (157)
Toronto Central	North Toronto	1.7 (413)	1.7 (421)	1.4 (356)	1.6 (400)
Toronto Central	South East	1.2 (129)	1.6 (179)	1.5 (160)	1.4 (158)
Toronto Central	East	2.1 (178)	1.7 (157)	1.4 (128)	1.4 (122)
Toronto Central	North East	1.8 (173)	1.6 (161)	1.6 (166)	1.4 (143)
Central	South Simcoe & Northern York Region	1.8 (127)	1.6 (141)	1.5 (132)	1.7 (162)
Central	Central York Region	2.2 (264)	1.6 (248)	1.8 (282)	1.7 (284)
Central	Richmond Hill	1.3 (132)	1.4 (173)	1.4 (186)	1.4 (191)
Central	South West York Region	1.3 (156)	1.6 (240)	1.6 (238)	1.5 (231)

EXHIBIT 3.2S continued

Group/Subgroup		Age- and Sex-Adjusted Rate ² of ED Visits, % (n)			
		2003/04	2009/10	2010/11	2011/12
Local Health Integration Network²		Sub-Local Health Integration Network			
Central	North York West	2.0 (380)	1.8 (383)	1.8 (392)	1.7 (385)
Central	North York Central	2.1 (449)	1.4 (366)	1.7 (439)	1.6 (420)
Central	North York East	1.4 (134)	1.3 (144)	1.1 (127)	1.4 (158)
Central	Markham	1.4 (223)	1.3 (278)	1.3 (276)	1.3 (293)
Central East	North East Cluster	2.0 (629)	1.9 (651)	1.8 (646)	1.8 (684)
Central East	Durham Cluster	1.9 (709)	2.1 (925)	1.9 (856)	1.8 (824)
Central East	Scarborough Cluster	1.8 (870)	1.5 (820)	1.5 (807)	1.4 (789)
South East	Addington, North & Central Frontenac	3.1 (33)	2.5 (27)	1.6 (18)	2.1 (22)
South East	Belleville	2.3 (116)	1.9 (109)	1.4 (82)	1.7 (101)
South East	Brockville	2.4 (100)	2.1 (92)	2.2 (102)	2.3 (106)
South East	Central Hastings	2.0 (42)	2.1 (50)	2.5 (59)	2.4 (57)
South East	Gananoque, Leeds	2.2 (33)	2.0 (31)	1.2 (20)	1.9 (32)
South East	Kingston & Islands	2.0 (222)	1.7 (209)	1.7 (208)	1.6 (201)
South East	North Hastings	2.6 (34)	1.5 (23)	1.4 (21)	2.7 (37)
South East	Prince Edward County	2.0 (65)	2.5 (78)	2.0 (61)	1.2 (42)
South East	Quinte West, Brighton	1.6 (78)	1.7 (88)	2.0 (104)	1.7 (92)
South East	Rideau Lakes	2.0 (25)	2.0 (26)	2.6 (35)	1.3 (18)
South East	Southeast Leeds & Grenville	2.3 (38)	2.1 (40)	1.9 (36)	1.9 (35)
South East	Smiths Falls, Perth, Lanark	3.5 (128)	1.8 (68)	1.8 (71)	2.0 (78)
South East	South Frontenac	2.0 (23)	1.1 (15)	1.7 (21)	1.5 (21)
South East	Stone Mills, Loyalist	1.6 (30)	1.7 (35)	1.8 (37)	1.6 (32)
South East	Tyendinaga, Napanee	1.5 (33)	1.7 (38)	1.9 (44)	1.8 (43)
Champlain	Ottawa Centre	2.0 (352)	1.6 (331)	1.8 (369)	1.7 (358)
Champlain	Ottawa East	1.8 (294)	1.6 (285)	1.6 (298)	1.7 (324)
Champlain	Ottawa West	2.1 (606)	1.7 (564)	1.7 (551)	1.8 (620)
Champlain	Renfrew County	2.7 (252)	2.6 (261)	2.4 (252)	2.6 (275)
Champlain	North Lanark / North Grenville	2.6 (101)	1.8 (75)	1.5 (65)	1.8 (79)
Champlain	Eastern Counties	2.1 (355)	2.0 (379)	2.0 (379)	2.0 (392)
North Simcoe Muskoka	Collingwood & Area	2.1 (112)	1.7 (103)	1.9 (124)	1.9 (120)
North Simcoe Muskoka	Barrie & Area	1.8 (255)	1.9 (322)	1.8 (311)	1.8 (319)
North Simcoe Muskoka	Orillia & Area	2.2 (119)	1.8 (110)	1.9 (129)	2.0 (126)
North Simcoe Muskoka	Midland & Penetanguishene Area	3.5 (156)	2.2 (118)	2.1 (111)	2.3 (125)
North Simcoe Muskoka	Muskoka	2.1 (130)	1.8 (124)	1.6 (119)	1.8 (123)
North East	Algoma	2.2 (266)	2.0 (264)	1.7 (231)	2.1 (276)
North East	James & Hudson Bay Coasts	**	3.6 (11)	5.9 (16)	2.1 (8)
North East	Nipissing	2.3 (180)	2.6 (206)	1.9 (156)	2.1 (171)
North East	Parry Sound	2.1 (98)	1.7 (85)	2.0 (99)	1.6 (85)
North East	Manitoulin-Sudbury	2.3 (390)	1.8 (340)	1.8 (338)	1.9 (344)
North East	Timiskaming	1.6 (55)	2.1 (75)	2.2 (77)	1.8 (66)
North East	Cochrane	2.7 (181)	1.9 (137)	1.9 (130)	2.0 (142)
North West	Kenora	2.6 (111)	2.3 (109)	2.1 (96)	1.6 (73)
North West	Rainy River	2.4 (49)	2.3 (53)	2.0 (45)	2.1 (44)
North West	Thunder Bay District	1.9 (37)	3.0 (62)	2.0 (39)	1.8 (38)
North West	Thunder Bay City	2.3 (282)	2.0 (258)	2.3 (290)	2.2 (284)

Data sources: Canadian Institute for Health Information, National Ambulatory Care Reporting System (NACRS), 2003/04–2011/12; Statistics Canada, Ontario intercensal population estimate, 2003.

Inclusion criteria: All patients aged ≥18 years with a diagnosis of stroke (ischemic or hemorrhagic) or transient ischemic attack.

Exclusion criteria: Patients with a scheduled emergency department visit.

1 Based on unique patients (i.e., does not include multiple patient-visits).

2 Age- and sex-adjusted standardized rates determined by using the 2003/04 Ontario population as the standard.

** Cell value suppressed for reasons of privacy and confidentiality.

Notes:

(1) Population-based analysis (i.e., the location of the patient's residence is used to report regional performance).

(2) Excludes patients with missing postal codes.

(3) Excludes all NACRS records with ICD codes that include the prefix "Q" (suspected, questionable diagnoses) starting in 2008/09.

(4) Indicates significant difference from standardized rate.

(5) LHIN/sub-LHIN populations were determined using POPLHIN 2003–2010, POPLHIN PROJECTED 2011, and POPSUBLHIN VERSION 9 2006–2008 files from the Ontario Ministry of Health and Long-Term Care: IntelliHealth Ontario.

EXHIBIT 3.35 Number and proportion of adult patients with stroke or transient ischemic attack arriving at the emergency department of regional stroke centres, district stroke centres and non-designated hospitals, in Ontario and by Ontario Stroke System region, 2003/04 and 2009/10–2011/12

Group/Subgroup	2003/04				2009/10				2010/11				2011/12			
	All	Regional stroke centre	District stroke centre	Non-designated	All	Regional stroke centre	District stroke centre	Non-designated	All	Regional stroke centre	District stroke centre	Non-designated	All	Regional stroke centre	District stroke centre	Non-designated
	Patients, n (%)															
Ontario¹	18,961	4,212	3,344	11,405	20,003	5,408	4,228	10,351	19,704	5,397	4,180	10,127	20,034	5,625	4,323	10,086
Ontario Stroke System Region																
Central East	2,821 (14.9)	252 (6.0)	966 (28.9)	1,603 (14.1)	3,101 (15.5)	321 (5.9)	1,300 (30.7)	1,480 (14.3)	3,103 (15.7)	323 (6.0)	1,285 (30.8)	1,495 (14.7)	3,163 (15.8)	357 (6.3)	1,306 (30.2)	1,500 (14.9)
Central South	3,294 (17.4)	460 (10.9)	663 (19.8)	2,171 (19.0)	3,426 (17.1)	474 (8.8)	1,054 (24.9)	1,898 (18.3)	3,494 (17.7)	511 (9.5)	1,128 (27.1)	1,855 (18.3)	3,498 (17.5)	541 (9.6)	1,206 (27.9)	1,751 (17.4)
Champlain	2,016 (10.6)	432 (10.3)	115 (3.4)	1,469 (12.9)	1,950 (9.7)	735 (13.6)	126 (3.0)	1,089 (10.5)	1,955 (9.9)	733 (13.6)	129 (3.1)	1,093 (10.8)	2,086 (10.4)	744 (13.2)	151 (3.5)	1,191 (11.8)
Northeast	1,149 (6.1)	320 (7.6)	447 (13.3)	382 (3.4)	1,092 (5.5)	280 (5.2)	457 (10.8)	355 (3.4)	1,021 (5.2)	278 (5.2)	397 (9.5)	346 (3.4)	1,088 (5.4)	306 (5.4)	292 (6.8)	490 (4.9)
Northwest	480 (2.5)	305 (7.2)	n/a	175 (1.5)	480 (2.4)	296 (5.5)	n/a	184 (1.8)	474 (2.4)	322 (6.0)	n/a	152 (1.5)	448 (2.2)	313 (5.6)	n/a	135 (1.3)
South East	1,009 (5.3)	389 (9.2)	143 (4.3)	477 (4.2)	921 (4.6)	349 (6.5)	135 (3.2)	437 (4.2)	887 (4.5)	360 (6.7)	133 (3.2)	394 (3.9)	887 (4.4)	315 (5.6)	178 (4.1)	394 (3.9)
Southwest	2,580 (13.6)	466 (11.1)	1,021 (30.5)	1,093 (9.6)	3,093 (15.5)	698 (12.9)	1,172 (27.7)	1,223 (11.8)	2,889 (14.7)	614 (11.4)	1,108 (26.6)	1,167 (11.5)	3,017 (15.1)	688 (12.2)	1,190 (27.5)	1,139 (11.3)
Toronto – North & East	1,329 (7.0)	383 (9.1)	n/a	946 (8.3)	1,332 (6.7)	581 (10.7)	n/a	751 (7.2)	1,333 (6.8)	554 (10.3)	n/a	779 (7.7)	1,376 (6.9)	601 (10.7)	n/a	775 (7.7)
Toronto – Southeast	973 (5.1)	167 (4.0)	n/a	806 (7.1)	1,078 (5.4)	372 (6.9)	n/a	706 (6.8)	1,039 (5.3)	365 (6.8)	n/a	674 (6.6)	970 (4.8)	379 (6.7)	n/a	591 (5.9)
Toronto – West	1,407 (7.4)	447 (10.6)	n/a	960 (8.4)	1,440 (7.2)	603 (11.2)	n/a	837 (8.1)	1,374 (7.0)	596 (11.0)	n/a	778 (7.7)	1,384 (6.9)	627 (11.1)	n/a	757 (7.5)
West GTA	1,903 (10.0)	591 (14.0)	n/a	1,312 (11.5)	2,090 (10.4)	699 (12.9)	n/a	1,391 (13.4)	2,135 (10.8)	741 (13.7)	n/a	1,394 (13.8)	2,117 (10.6)	754 (13.4)	n/a	1,363 (13.5)

Data source: Canadian Institute for Health Information, National Ambulatory Care Reporting System (NACRS), 2003/04–2011/12.

¹ Based on unique patients (i.e., does not include multiple patient-visits).

Inclusion criteria: All patients aged ≥18 years discharged from an emergency department with a diagnosis of stroke (ischemic or hemorrhagic) or transient ischemic attack.

Exclusion criteria: Patients with a scheduled emergency department visit.

Notes:

- (1) Facility-based analysis (i.e., the location of the facility is used to report regional performance).
- (2) Excludes all NACRS records with ICD codes that include the prefix "Q" (suspected, questionable diagnoses) starting in 2008/09.
- (3) See Appendix E for a list of hospitals designated as regional and district stroke centres by the Ontario Stroke System.

n/a = not applicable

EXHIBIT 3.4S Number and proportion of adult patients with stroke or transient ischemic attack transported to hospital by ambulance, in Ontario and by Ontario Stroke System region and facility, 2003/04 and 2009/10–2011/12

Group/Subgroup	2003/04 (N=18,961)	2009/10 (N=20,003)	2010/11 (N=19,703)	2011/12 (N=20,034)
	Patients ¹ , n (%)			
Ontario	10,006 (52.8)	11,110 (55.5)	11,244 (57.1)	11,460 (57.2)
Ontario Stroke System Region				
Central East	1,373 (48.7)	1,721 (55.5)	1,760 (56.7)	1,832 (57.9)
Central South	1,790 (54.3)	2,005 (58.5)	2,086 (59.7)	2,045 (58.5)
Champlain	1,064 (52.8)	1,141 (58.5)	1,162 (59.4)	1,212 (58.1)
Northeast	587 (51.1)	603 (55.2)	552 (54.1)	625 (57.4)
Northwest	198 (41.3)	267 (55.6)	243 (51.3)	231 (51.6)
South East	577 (57.2)	513 (55.7)	540 (60.9)	533 (60.1)
Southwest	1,370 (53.1)	1,608 (52.0)	1,554 (53.8)	1,659 (55.0)
Toronto – North & East	755 (56.8)	764 (57.4)	758 (56.9)	811 (58.9)
Toronto – Southeast	520 (53.4)	578 (53.6)	611 (58.8)	518 (53.4)
Toronto – West	803 (57.1)	789 (54.8)	793 (57.7)	802 (57.9)
West GTA	969 (50.9)	1,121 (53.6)	1,186 (55.6)	1,192 (56.3)

Group/Subgroup			2003/04	2009/10	2010/11	2011/12	
			Patients ¹ , n (%)				
Ontario			18,961	20,003	19,704	20,034	
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region				
1067	Leamington District Memorial Hospital	Erie St. Clair	Southwest	45 (53.6)	49 (57.0)	37 (45.1)	53 (55.2)
1079	Windsor Regional Hospital (Metropolitan)	Erie St. Clair	Southwest	102 (49.0)	121 (48.0)	93 (44.1)	90 (45.5)
1223	Public General Hospital Society of Chatham	Erie St. Clair	Southwest	114 (64.0)	135 (57.2)	139 (57.7)	149 (62.9)
1239	Sydenham District Hospital	Erie St. Clair	Southwest	25 (51.0)	14 (48.3)	11 (34.4)	13 (39.4)
3707	Hôtel-Dieu Grace Hospital (St. Joseph)	Erie St. Clair	Southwest	281 (63.7)	308 (65.0)	317 (69.2)	315 (68.9)
4415	Bluewater Health (Sarnia)	Erie St. Clair	Southwest	70 (36.8)	96 (43.4)	103 (52.8)	127 (52.0)
4418	Bluewater Health (Petrolia)	Erie St. Clair	Southwest	14 (40.0)	**	8 (50.0)	11 (45.8)
1030	Grey Bruce Health Services (Lion's Head)	South West	Southwest	12 (36.4)	**	**	**
1059	St. Thomas-Elgin General Hospital	South West	Southwest	51 (45.9)	51 (48.1)	68 (49.6)	44 (41.9)
1124	Hanover & District Hospital	South West	Southwest	14 (50.0)	9 (22.5)	8 (32.0)	14 (42.4)
1199	Clinton Public Hospital	South West	Southwest	9 (75.0)	8 (40.0)	8 (42.1)	**
1203	South Huron Hospital	South West	Southwest	12 (57.1)	9 (32.1)	18 (56.3)	12 (50.0)
1206	Alexandra Marine & General Hospital	South West	Southwest	8 (42.1)	15 (39.5)	22 (38.6)	28 (58.3)
1213	Seaforth Community Hospital	South West	Southwest	**	6 (26.1)	7 (46.7)	**
1217	Wingham & District Hospital	South West	Southwest	8 (34.8)	13 (36.1)	**	6 (30.0)
1497	St. Joseph's Health Care, London	South West	Southwest	-	-	-	-
1507	Four Counties Health Services Corporation	South West	Southwest	14 (45.2)	7 (38.9)	7 (41.2)	**
1515	Strathroy Middlesex General Hospital	South West	Southwest	26 (42.6)	36 (54.5)	34 (46.6)	32 (46.4)
1696	Alexandra Hospital	South West	Southwest	15 (51.7)	20 (54.1)	13 (43.3)	10 (29.4)
1709	Tillsonburg District Memorial Hospital	South West	Southwest	28 (43.1)	30 (41.1)	30 (50.0)	32 (46.4)
1716	Woodstock General Hospital Trust	South West	Southwest	37 (48.1)	34 (37.8)	52 (49.1)	45 (46.9)
1740	Listowel Memorial Hospital	South West	Southwest	12 (60.0)	7 (31.8)	13 (54.2)	7 (28.0)
1748	St. Marys Memorial Hospital	South West	Southwest	**	**	**	**
1754	Stratford General Hospital	South West	Southwest	51 (54.8)	59 (54.1)	47 (56.0)	66 (56.9)
3850	London Health Sciences Centre (University)	South West	Southwest	272 (58.4)	432 (61.9)	376 (61.2)	449 (65.3)
3907	South Bruce Grey Health Centre (Kincardine)	South West	Southwest	14 (48.3)	14 (48.3)	11 (47.8)	9 (33.3)
3944	Grey Bruce Health Services (Owen Sound)	South West	Southwest	79 (66.4)	71 (53.8)	69 (53.1)	75 (55.1)
4025	Grey Bruce Health Services (Markdale)	South West	Southwest	8 (44.4)	13 (40.6)	7 (30.4)	9 (30.0)
4027	Grey Bruce Health Services (Meaford)	South West	Southwest	8 (42.1)	7 (30.4)	10 (58.8)	10 (52.6)
4030	Grey Bruce Health Services (Southampton)	South West	Southwest	13 (61.9)	11 (34.4)	8 (24.2)	9 (28.1)
4033	Grey Bruce Health Services (Warton)	South West	Southwest	9 (37.5)	7 (36.8)	6 (37.5)	**

EXHIBIT 3.4S continued

				2003/04	2009/10	2010/11	2011/12
Group/Subgroup				Patients ¹ , n (%)			
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region				
4036	South Bruce Grey Health Centre (Durham)	South West	Southwest	8 (50.0)	**	6 (28.6)	7 (41.2)
4039	South Bruce Grey Health Centre (Walkerton)	South West	Southwest	14 (35.9)	10 (31.3)	8 (33.3)	12 (40.0)
4042	South Bruce Grey Health Centre (Chesley)	South West	Southwest	-	**	**	**
4379	Grey Bruce Health Services (Tobermory)	South West	Southwest	-	-	-	-
1905	Cambridge Memorial Hospital	Waterloo Wellington	Central South	74 (52.1)	76 (49.4)	69 (48.6)	75 (50.7)
1921	St. Mary's General Hospital	Waterloo Wellington	Central South	114 (46.5)	23 (14.9)	33 (22.1)	33 (21.0)
1936	Groves Memorial Community Hospital	Waterloo Wellington	Central South	27 (50.9)	28 (47.5)	22 (39.3)	27 (38.6)
1946	Guelph General Hospital	Waterloo Wellington	Central South	73 (54.9)	88 (55.3)	88 (61.5)	91 (52.3)
3734	Grand River Hospital Corporation (Waterloo)	Waterloo Wellington	Central South	170 (66.1)	362 (77.5)	374 (76.3)	396 (76.0)
4323	North Wellington Health Care (Mount Forest)	Waterloo Wellington	Central South	14 (50.0)	-	9 (50.0)	9 (33.3)
4326	North Wellington Health Care (Palmerston)	Waterloo Wellington	Central South	**	7 (46.7)	**	7 (31.8)
1146	Haldimand War Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	18 (40.9)	12 (37.5)	11 (35.5)	8 (29.6)
1149	West Haldimand General Hospital	Hamilton Niagara Haldimand Brant	Central South	14 (36.8)	15 (41.7)	21 (53.8)	17 (53.1)
1160	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	114 (54.3)	152 (64.4)	135 (57.7)	142 (62.6)
1538	West Lincoln Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	18 (29.5)	20 (38.5)	18 (32.7)	30 (41.7)
1591	Norfolk General Hospital	Hamilton Niagara Haldimand Brant	Central South	63 (50.4)	53 (47.3)	47 (49.0)	33 (38.4)
1982	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	288 (62.6)	330 (69.6)	369 (72.2)	394 (72.8)
1983	Hamilton Health Sciences Corp (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	98 (57.0)	87 (62.6)	86 (56.6)	81 (57.9)
1994	Hamilton Health Sciences Corp (McMaster)	Hamilton Niagara Haldimand Brant	Central South	77 (56.2)	65 (59.6)	59 (60.2)	-
2003	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	107 (51.7)	80 (46.2)	116 (62.4)	87 (48.9)
3644	St. Joseph's Community Health Centre	Hamilton Niagara Haldimand Brant	Central South	-	-	-	-
4210	Niagara Health System (Fort Erie Douglas)	Hamilton Niagara Haldimand Brant	Central South	17 (53.1)	**	-	-
4213	Niagara Health System (Greater Niagara)	Hamilton Niagara Haldimand Brant	Central South	104 (60.8)	214 (68.8)	257 (68.9)	242 (63.5)
4219	Niagara Health System (Port Colborne)	Hamilton Niagara Haldimand Brant	Central South	19 (42.2)	**	-	-
4224	Niagara Health System (St. Catharines)	Hamilton Niagara Haldimand Brant	Central South	204 (56.4)	142 (52.0)	143 (59.1)	124 (58.5)
4227	Niagara Health System (Welland County)	Hamilton Niagara Haldimand Brant	Central South	51 (52.6)	67 (55.4)	68 (47.2)	69 (55.2)
4627	Niagara Health System (Ontario Street)	Hamilton Niagara Haldimand Brant	Central South	-	-	-	-
4675	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	121 (51.5)	181 (65.6)	157 (59.2)	180 (59.2)
4680	Brant Community Healthcare System (Willet)	Hamilton Niagara Haldimand Brant	Central South	-	-	-	-
3684	Headwaters Health Care Centre (Dufferin)	Central West	West GTA	54 (40.0)	53 (53.0)	59 (49.6)	50 (49.5)
3929	William Osler Health System (Etobicoke)	Central West	West GTA	210 (62.3)	135 (49.3)	147 (55.3)	143 (52.8)
4016	William Osler Health System (Brampton)	Central West	West GTA	164 (52.6)	-	-	-
4681	William Osler Health System (Civic)	Central West	West GTA	-	187 (53.3)	202 (48.8)	225 (52.4)
3286	Credit Valley Hospital	Mississauga Halton	West GTA	86 (38.7)	93 (31.8)	108 (41.9)	118 (51.3)
3917	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	366 (61.9)	495 (70.8)	530 (71.5)	543 (72.0)
3926	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	53 (30.8)	96 (47.3)	86 (47.0)	73 (50.0)
4019	William Osler Health Centre (Georgetown)	Mississauga Halton	West GTA	19 (35.8)	-	-	-
4022	Halton Healthcare Services Corp (Milton)	Mississauga Halton	West GTA	17 (47.2)	32 (55.2)	33 (56.9)	15 (24.6)
4363	Trillium Health Centre (West Toronto)	Mississauga Halton	West GTA	-	-	-	-
4622	Halton Healthcare Services Corp (Georgetown)	Mississauga Halton	West GTA	-	30 (48.4)	21 (42.9)	25 (33.3)
1302	Toronto East General Hospital	Toronto Central	Toronto - Southeast	186 (54.2)	155 (56.4)	148 (57.8)	118 (55.1)
1423	Mount Sinai Hospital	Toronto Central	Toronto - West	78 (54.9)	55 (44.7)	37 (36.3)	41 (40.6)
1443	St. Joseph's Health Centre	Toronto Central	Toronto - West	165 (52.7)	154 (49.2)	122 (49.8)	130 (48.3)
1444	St. Michael's Hospital	Toronto Central	Toronto - Southeast	93 (55.7)	220 (59.1)	228 (62.5)	227 (59.9)
3910	University Health Network	Toronto Central	Toronto - West	242 (54.1)	344 (57.0)	349 (58.6)	402 (64.1)
3936	Sunnybrook Health Sciences Centre	Toronto Central	Toronto - North & East	195 (50.9)	340 (58.5)	342 (61.7)	381 (63.4)
4269	Sunnybrook & Women's College Hospital	Toronto Central	Toronto - North & East	-	-	-	-
4631	Women's College Hospital	Toronto Central	Toronto - North & East	-	-	-	-
1329	North York General Hospital (Branson)	Central	Toronto - North & East	-	-	-	-
1330	North York General Hospital	Central	Toronto - North & East	167 (54.2)	162 (55.3)	178 (53.1)	186 (51.1)
1343	Humber River Regional Hospital (York-Finch)	Central	Toronto - West	149 (63.1)	110 (61.1)	131 (68.2)	114 (64.0)
1817	Stevenson Memorial Hospital, Alliston	Central	Central East	26 (60.5)	32 (62.7)	30 (54.5)	26 (41.3)
2038	Southlake Regional Health Centre	Central	Central East	164 (52.7)	142 (51.3)	161 (55.1)	151 (50.0)
2046	Mackenzie Health	Central	Central East	126 (47.4)	251 (61.7)	255 (59.2)	293 (68.6)

EXHIBIT 3.4S *continued*

				2003/04	2009/10	2010/11	2011/12
Group/Subgroup				Patients ¹ , n (%)			
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region				
3587	Markham Stouffville Hospital	Central	Central East	127 (60.8)	97 (43.9)	90 (45.0)	90 (44.3)
3883	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	169 (62.8)	126 (57.0)	154 (64.4)	115 (55.0)
1597	Campbellford Memorial Hospital	Central East	Central East	24 (50.0)	22 (48.9)	41 (68.3)	26 (55.3)
1768	Peterborough Regional Health Centre	Central East	Central East	132 (44.0)	223 (62.3)	207 (63.5)	259 (68.9)
1893	Ross Memorial Hospital	Central East	Central East	61 (48.8)	66 (50.4)	65 (57.5)	70 (54.7)
3737	Haliburton Highlands Health Services Corp (Haliburton)	Central East	Central East	**	6 (31.6)	12 (42.9)	**
3860	Northumberland Hills Hospital	Central East	Central East	60 (58.8)	61 (56.0)	58 (53.2)	60 (49.6)
3932	Lakeridge Health Corporation (Oshawa)	Central East	Central East	157 (48.3)	266 (58.6)	270 (60.8)	271 (64.7)
3943	Rouge Valley Health System (Centenary)	Central East	Toronto - Southeast	155 (50.8)	115 (45.6)	130 (52.0)	91 (43.3)
4005	Lakeridge Health Corporation (Port Perry)	Central East	Central East	32 (49.2)	24 (42.1)	11 (35.5)	17 (44.7)
4008	Lakeridge Health Corporation (Bowmanville)	Central East	Central East	26 (29.5)	52 (53.6)	37 (34.9)	35 (38.5)
4014	Rouge Valley Health System (Ajax)	Central East	Toronto - Southeast	86 (54.4)	88 (49.2)	105 (62.5)	82 (49.1)
4152	Scarborough Hospital (General)	Central East	Toronto - North & East	245 (65.5)	128 (58.7)	128 (54.0)	148 (61.4)
4154	Scarborough Hospital (Grace)	Central East	Toronto - North & East	148 (63.8)	134 (63.2)	110 (62.5)	96 (58.2)
4191	Haliburton Highlands Health Services Corp (Minden)	Central East	Central East	9 (45.0)	**	7 (41.2)	9 (64.3)
4465	Markham Stouffville Hospital (Uxbridge)	Central	Central East	14 (38.9)	17 (41.5)	23 (56.1)	10 (23.3)
1097	Hotel Dieu Hospital (Kingston)	South East	South East	**	-	-	-
1100	Kingston General Hospital	South East	South East	280 (72.0)	260 (74.5)	284 (78.9)	231 (73.3)
1269	Perth & Smiths Falls District Hospital (Smiths Falls)	South East	South East	27 (51.9)	14 (48.3)	18 (45.0)	13 (36.1)
1273	Brockville General Hospital	South East	South East	62 (57.4)	55 (47.4)	58 (52.3)	64 (52.0)
1295	Lennox & Addington County General Hospital	South East	South East	18 (45.0)	19 (52.8)	18 (54.5)	14 (42.4)
3732	Perth & Smiths Falls District Hospital (Perth)	South East	South East	34 (39.5)	17 (43.6)	11 (30.6)	18 (38.3)
3988	Quinte Healthcare Corporation (Belleville)	South East	South East	77 (53.8)	72 (53.3)	90 (67.7)	123 (69.1)
3991	Quinte Healthcare Corporation (Bancroft)	South East	South East	23 (53.5)	16 (44.4)	13 (52.0)	17 (43.6)
3992	Quinte Healthcare Corporation (Picton)	South East	South East	19 (38.0)	17 (27.4)	7 (23.3)	11 (45.8)
3994	Quinte Healthcare Corporation (Trenton)	South East	South East	36 (50.0)	43 (50.6)	41 (42.7)	42 (60.0)
4601	Hotel Dieu Hospital (Kingston)	South East	South East	**	-	-	-
1254	Almonte General Hospital	Champlain	Champlain	11 (68.8)	6 (40.0)	7 (46.7)	**
1256	Carleton Place & District Memorial Hospital	Champlain	Champlain	16 (48.5)	9 (36.0)	10 (38.5)	7 (29.2)
1284	Kemptville District Hospital	Champlain	Champlain	15 (38.5)	**	**	11 (39.3)
1657	Children's Hospital of Eastern Ontario	Champlain	Champlain	-	-	-	-
1661	Hôpital Montfort	Champlain	Champlain	95 (59.7)	88 (59.5)	81 (50.6)	91 (57.6)
1681	Queensway-Carleton Hospital	Champlain	Champlain	181 (53.6)	113 (50.9)	101 (48.8)	132 (48.0)
1777	Hawkesbury & District General Hospital	Champlain	Champlain	25 (49.0)	47 (69.1)	46 (59.0)	43 (67.2)
1799	Arnprior & District Memorial Hospital	Champlain	Champlain	7 (53.8)	11 (32.4)	9 (36.0)	**
1801	St. Francis Memorial Hospital	Champlain	Champlain	9 (29.0)	**	10 (50.0)	10 (37.0)
1803	Deep River & District Hospital	Champlain	Champlain	**	**	**	**
1804	Pembroke Regional Hospital Inc.	Champlain	Champlain	49 (42.6)	77 (61.1)	76 (58.9)	101 (66.9)
1813	Renfrew Victoria Hospital	Champlain	Champlain	25 (34.7)	16 (29.1)	17 (36.2)	18 (37.5)
1870	Glengarry Memorial Hospital	Champlain	Champlain	24 (82.8)	7 (46.7)	13 (38.2)	6 (37.5)
1885	Winchester District Memorial Hospital	Champlain	Champlain	20 (40.0)	22 (47.8)	20 (58.8)	17 (32.1)
4046	Ottawa Hospital (Civic)	Champlain	Champlain	297 (60.7)	528 (71.8)	534 (72.9)	521 (70.0)
4048	Ottawa Hospital (General)	Champlain	Champlain	224 (51.9)	134 (49.3)	165 (56.9)	135 (48.2)
4451	Cornwall Community Hospital	Champlain	Champlain	61 (44.9)	69 (51.1)	69 (53.5)	109 (63.0)
1825	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	133 (52.8)	211 (65.7)	208 (64.4)	254 (71.1)
1833	Collingwood General & Marine Hospital	North Simcoe Muskoka	Central East	56 (50.5)	41 (46.6)	56 (53.8)	44 (49.4)
1844	Georgian Bay General Hospital (Midland)	North Simcoe Muskoka	Central East	66 (36.7)	67 (51.9)	67 (55.4)	62 (46.3)
1853	Orillia Soldiers' Memorial Hospital	North Simcoe Muskoka	Central East	75 (52.4)	59 (45.0)	69 (46.0)	63 (45.7)
4616	Muskoka Algonquin Healthcare (Huntsville)	North Simcoe Muskoka	Central East	35 (46.7)	44 (54.3)	56 (67.5)	50 (59.5)
4619	Muskoka Algonquin Healthcare (Bracebridge)	North Simcoe Muskoka	Central East	46 (51.7)	37 (52.1)	36 (52.9)	37 (54.4)
2057	Blind River District Health Centre/Pavillon Santé	North East	Northeast	**	**	**	-
2058	St. Joseph's General Hospital	North East	Northeast	29 (58.0)	17 (53.1)	12 (42.9)	19 (61.3)
2061	Hornepayne Community Hospital	North East	Northeast	-	-	-	**
2064	Sault Area Hospital (Richards Landing)	North East	Northeast	**	**	-	-

EXHIBIT 3.4S continued

				2003/04	2009/10	2010/11	2011/12
Group/Subgroup				Patients ¹ , n (%)			
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region				
2075	Sault Area Hospital (Thessalon)	North East	Northeast	**	**	**	-
2076	Lady Dunn Health Centre	North East	Northeast	**	**	**	**
2078	Lady Minto Hospital	North East	Northeast	**	**	**	**
2082	Hôpital Notre-Dame Hospital (Hearst)	North East	Northeast	**	**	9 (40.9)	6 (40.0)
2084	Anson General Hospital	North East	Northeast	**	**	**	**
2088	Sensenbrenner Hospital	North East	Northeast	8 (44.4)	6 (35.3)	6 (42.9)	11 (64.7)
2090	Bingham Memorial Hospital	North East	Northeast	**	**	-	**
2094	Smooth Rock Falls Hospital	North East	Northeast	**	-	-	-
2121	Manitoulin Health Centre (Little Current)	North East	Northeast	15 (55.6)	8 (53.3)	10 (41.7)	7 (46.7)
2123	Manitoulin Health Centre (Mindemoya)	North East	Northeast	11 (55.0)	**	6 (33.3)	7 (58.3)
2126	Mattawa General Hospital	North East	Northeast	**	**	**	**
2173	Services de santé de Chapleau Health Services	North East	Northeast	**	**	**	-
2174	Espanola General Hospital	North East	Northeast	10 (35.7)	10 (35.7)	**	7 (28.0)
2204	Englehart & District Hospital	North East	Northeast	**	**	**	**
2207	Temiskaming Hospital	North East	Northeast	**	12 (32.4)	23 (46.9)	19 (47.5)
2211	Kirkland & District Hospital	North East	Northeast	17 (50.0)	**	10 (41.7)	11 (45.8)
2812	West Nipissing General Hospital	North East	Northeast	19 (37.3)	16 (34.0)	7 (30.4)	16 (39.0)
3414	Timmins & District General Hospital	North East	Northeast	55 (52.4)	52 (59.8)	40 (63.5)	44 (55.0)
3729	West Parry Sound Health Centre	North East	Northeast	19 (37.3)	21 (51.2)	23 (53.5)	17 (32.7)
4059	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	196 (61.3)	213 (76.1)	183 (65.8)	224 (73.2)
4407	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	82 (45.1)	111 (59.0)	94 (56.3)	137 (64.6)
4692	Weeneebayko Area Health Authority (Moosonee)	North East	Northeast	-	-	-	-
4698	Weeneebayko Area Health Authority (Moose Factory)	North East	Northeast	-	**	-	**
4700	Weeneebayko Area Health Authority (Fort Albany)	North East	Northeast	-	-	-	-
4702	Weeneebayko Area Health Authority (Attawapiskat)	North East	Northeast	-	-	-	-
4730	North Bay Regional Health Centre	North East	Northeast	93 (62.4)	93 (56.0)	100 (64.1)	83 (57.2)
2103	Dryden Regional Health Centre	North West	Northwest	13 (39.4)	15 (46.9)	8 (40.0)	8 (38.1)
2110	Lake-of-the-Woods District Hospital	North West	Northwest	29 (47.5)	23 (51.1)	25 (62.5)	18 (54.5)
2115	Red Lake Margaret Cochenour Memorial Hospital	North West	Northwest	**	**	**	**
2147	Atikokan General Hospital	North West	Northwest	**	-	**	**
2148	Riverside Health Care Facility (Emo)	North West	Northwest	-	-	-	-
2150	Riverside Health Care Facility (La Vérendrye)	North West	Northwest	14 (43.8)	22 (57.9)	13 (46.4)	15 (53.6)
2153	Riverside Health Care Facility (Rainy River)	North West	Northwest	-	**	**	**
2175	Geraldton District Hospital	North West	Northwest	**	-	-	-
2176	Manitouwadge General Hospital	North West	Northwest	-	**	-	**
2177	Wilson Memorial General Hospital	North West	Northwest	**	**	**	-
2178	Nipigon District Memorial Hospital	North West	Northwest	**	**	**	**
2180	McCausland Hospital	North West	Northwest	**	**	**	**
3853	Thunder Bay Regional Health Sciences Centre	North West	Northwest	130 (42.6)	185 (62.5)	179 (55.6)	173 (55.3)
4356	Sioux Lookout Meno Ya Win Health Centre (Zone)	North West	Northwest	-	**	**	-

Data source: Canadian Institute for Health Information, National Ambulatory Care Reporting System (NACRS), 2003/04-2011/12.

Inclusion criteria: All patients aged >18 years discharged from an emergency department with a diagnosis of stroke (ischemic or hemorrhagic) or transient ischemic attack.

¹ Based on unique patients (i.e., does not include multiple patient-visits).

** Cell value suppressed for reasons of privacy and confidentiality.

Notes:

(1) Facility-based analysis (i.e., the location of the facility is used to report regional performance).

(2) Excludes all NACRS records with ICD codes that include the prefix "Q" (suspected, questionable diagnoses) starting in 2008/09.

(3) Cells in which there were no reported/available data are marked with a hyphen (-).

EXHIBIT 4.2S Number and proportion of adult patients admitted to acute care hospitals for stroke or transient ischemic attack, in Ontario and by Ontario Stroke System region, stroke type and Local Health Integration Network, 2003/04 and 2009/10–2011/12

		2003/04	2009/10	2010/11	2011/12
Group/Subgroup		Patients¹, n (%)			
Ontario		15,731	15,347	15,524	15,224
Ontario Stroke System Region by OSS Designation					
Central East	All	2,182 (13.9)	2,068 (13.5)	2,061 (13.3)	2,104 (13.8)
	Regional stroke centre	207 (5.2)	228 (4.7)	227 (4.5)	258 (5.2)
	District stroke centre	782 (26.7)	822 (25.6)	804 (24.5)	828 (25.1)
	Non-designated	1,193 (13.6)	1,018 (14.0)	1,030 (14.4)	1,018 (14.7)
Central South	All	2,824 (18.0)	2,687 (17.5)	2,735 (17.6)	2,606 (17.1)
	Regional stroke centre	427 (10.7)	503 (10.3)	570 (11.2)	587 (11.7)
	District stroke centre	558 (19.1)	815 (25.3)	854 (26.0)	829 (25.1)
	Non-designated	1,839 (20.9)	1,369 (18.9)	1,311 (18.3)	1,190 (17.2)
Champlain	All	1,265 (8.0)	1,221 (8.0)	1,269 (8.2)	1,299 (8.5)
	Regional stroke centre	362 (9.0)	559 (11.4)	581 (11.4)	599 (12.0)
	District stroke centre	110 (3.8)	113 (3.5)	159 (4.8)	153 (4.6)
	Non-designated	793 (9.0)	549 (7.6)	529 (7.4)	547 (7.9)
Northeast	All	1,054 (6.7)	1,033 (6.7)	1,010 (6.5)	1,066 (7.0)
	Regional stroke centre	335 (8.4)	311 (6.4)	305 (6.0)	312 (6.2)
	District stroke centre	405 (13.8)	415 (12.9)	425 (12.9)	452 (13.7)
	Non-designated	314 (3.6)	307 (4.2)	280 (3.9)	302 (4.4)
Northwest	All	400 (2.5)	442 (2.9)	436 (2.8)	435 (2.9)
	Regional stroke centre	277 (6.9)	334 (6.8)	318 (6.3)	331 (6.6)
	District stroke centre	n/a	n/a	n/a	n/a
	Non-designated	123 (1.4)	108 (1.5)	118 (1.6)	104 (1.5)
South East	All	756 (4.8)	624 (4.1)	673 (4.3)	678 (4.5)
	Regional stroke centre	283 (7.1)	278 (5.7)	305 (6.0)	280 (5.6)
	District stroke centre	144 (4.9)	106 (3.3)	132 (4.0)	174 (5.3)
	Non-designated	329 (3.7)	240 (3.3)	236 (3.3)	224 (3.2)
South West	All	2,491 (15.8)	2,362 (15.4)	2,234 (14.4)	2,161 (14.2)
	Regional stroke centre	467 (11.6)	605 (12.4)	608 (12.0)	599 (12.0)
	District stroke centre	926 (31.7)	944 (29.4)	909 (27.7)	866 (26.2)
	Non-designated	1,098 (12.5)	813 (11.2)	717 (10.0)	696 (10.1)
Toronto - North & East	All	1,029 (6.5)	1,118 (7.3)	1,241 (8)	1,179 (7.7)
	Regional stroke centre	324 (8.1)	452 (9.3)	514 (10.1)	498 (10.0)
	District stroke centre	n/a	n/a	n/a	n/a
	Non-designated	705 (8.0)	666 (9.2)	727 (10.1)	681 (9.8)
Toronto - Southeast	All	865 (5.5)	849 (5.5)	836 (5.4)	792 (5.2)
	Regional stroke centre	269 (6.7)	354 (7.2)	366 (7.2)	355 (7.1)
	District stroke centre	n/a	n/a	n/a	n/a
	Non-designated	596 (6.8)	495 (6.8)	470 (6.6)	437 (6.3)
Toronto - West	All	1,288 (8.2)	1,235 (8.0)	1,260 (8.1)	1,209 (7.9)
	Regional stroke centre	477 (11.9)	606 (12.4)	618 (12.2)	590 (11.8)
	District stroke centre	n/a	n/a	n/a	n/a
	Non-designated	811 (9.2)	629 (8.7)	642 (9.0)	619 (8.9)
Toronto - GTA	All	1,577 (10.0)	1,708 (11.1)	1,769 (11.4)	1,695 (11.1)
	Regional stroke centre	581 (14.5)	653 (13.4)	664 (13.1)	593 (11.9)
	District stroke centre	n/a	n/a	n/a	n/a
	Non-designated	996 (11.3)	1,055 (14.6)	1,105 (15.4)	1,102 (15.9)
Ontario Stroke System Region by Stroke Type					
Central East	Intracerebral hemorrhage	206 (1.3)	199 (1.3)	190 (1.2)	193 (1.3)
	Ischemic stroke	663 (4.2)	829 (5.4)	1,007 (6.5)	1,208 (7.9)
	Subarachnoid hemorrhage	13 (0.1)	26 (0.2)	31 (0.2)	26 (0.2)
	Transient ischemic attack	424 (2.7)	383 (2.5)	390 (2.5)	410 (2.7)
	Unable to determine ²	876 (5.6)	631 (4.1)	443 (2.9)	267 (1.8)

EXHIBIT 4.2S continued

		2003/04	2009/10	2010/11	2011/12
Group/Subgroup		Patients¹, n (%)			
Ontario Stroke System Region by Stroke Type					
Central South	Intracerebral hemorrhage	310 (2.0)	296 (1.9)	267 (1.7)	259 (1.7)
	Ischemic stroke	894 (5.7)	1,208 (7.9)	1,459 (9.4)	1,498 (9.8)
	Subarachnoid hemorrhage	79 (0.5)	134 (0.9)	127 (0.8)	123 (0.8)
	Transient ischemic attack	553 (3.5)	500 (3.3)	547 (3.5)	504 (3.3)
	Unable to determine ²	988 (6.3)	549 (3.6)	335 (2.2)	222 (1.5)
Champlain	Intracerebral hemorrhage	170 (1.1)	125 (0.8)	138 (0.9)	139 (0.9)
	Ischemic stroke	547 (3.5)	580 (3.8)	663 (4.3)	724 (4.8)
	Subarachnoid hemorrhage	33 (0.2)	78 (0.5)	73 (0.5)	70 (0.5)
	Transient ischemic attack	216 (1.4)	146 (1.0)	205 (1.3)	196 (1.3)
	Unable to determine ²	299 (1.9)	292 (1.9)	190 (1.2)	170 (1.1)
Northeast	Intracerebral hemorrhage	91 (0.6)	93 (0.6)	71 (0.5)	90 (0.6)
	Ischemic stroke	203 (1.3)	286 (1.9)	295 (1.9)	363 (2.4)
	Subarachnoid hemorrhage	31 (0.2)	20 (0.1)	20 (0.1)	27 (0.2)
	Transient ischemic attack	277 (1.8)	293 (1.9)	301 (1.9)	306 (2.0)
	Unable to determine ²	452 (2.9)	341 (2.2)	323 (2.1)	280 (1.8)
Northwest	Intracerebral hemorrhage	32 (0.2)	41 (0.3)	34 (0.2)	17 (0.1)
	Ischemic stroke	97 (0.6)	173 (1.1)	208 (1.3)	219 (1.4)
	Subarachnoid hemorrhage	16 (0.1)	14 (0.1)	13 (0.1)	18 (0.1)
	Transient ischemic attack	111 (0.7)	112 (0.7)	108 (0.7)	112 (0.7)
	Unable to determine ²	144 (0.9)	102 (0.7)	73 (0.5)	69 (0.5)
South East	Intracerebral hemorrhage	54 (0.3)	55 (0.4)	72 (0.5)	64 (0.4)
	Ischemic stroke	216 (1.4)	259 (1.7)	309 (2.0)	349 (2.3)
	Subarachnoid hemorrhage	43 (0.3)	29 (0.2)	21 (0.1)	15 (0.1)
	Transient ischemic attack	155 (1.0)	109 (0.7)	103 (0.7)	121 (0.8)
	Unable to determine ²	288 (1.8)	172 (1.1)	168 (1.1)	129 (0.8)
Southwest	Intracerebral hemorrhage	209 (1.3)	242 (1.6)	192 (1.2)	198 (1.3)
	Ischemic stroke	912 (5.8)	938 (6.1)	1,049 (6.8)	1,155 (7.6)
	Subarachnoid hemorrhage	110 (0.7)	76 (0.5)	102 (0.7)	90 (0.6)
	Transient ischemic attack	413 (2.6)	400 (2.6)	392 (2.5)	386 (2.5)
	Unable to determine ²	847 (5.4)	706 (4.6)	499 (3.2)	332 (2.2)
Toronto - North & East	Intracerebral hemorrhage	139 (0.9)	135 (0.9)	110 (0.7)	99 (0.7)
	Ischemic stroke	484 (3.1)	628 (4.1)	736 (4.7)	767 (5.0)
	Subarachnoid hemorrhage	34 (0.2)	37 (0.2)	43 (0.3)	39 (0.3)
	Transient ischemic attack	107 (0.7)	199 (1.3)	219 (1.4)	205 (1.3)
	Unable to determine ²	265 (1.7)	119 (0.8)	133 (0.9)	69 (0.5)
Toronto - Southeast	Intracerebral hemorrhage	107 (0.7)	82 (0.5)	79 (0.5)	98 (0.6)
	Ischemic stroke	333 (2.1)	411 (2.7)	473 (3.0)	436 (2.9)
	Subarachnoid hemorrhage	69 (0.4)	120 (0.8)	113 (0.7)	111 (0.7)
	Transient ischemic attack	77 (0.5)	116 (0.8)	99 (0.6)	89 (0.6)
	Unable to determine ²	279 (1.8)	120 (0.8)	72 (0.5)	58 (0.4)
Toronto - West	Intracerebral hemorrhage	163 (1.0)	159 (1.0)	168 (1.1)	148 (1.0)
	Ischemic stroke	642 (4.1)	655 (4.3)	672 (4.3)	706 (4.6)
	Subarachnoid hemorrhage	86 (0.5)	101 (0.7)	104 (0.7)	89 (0.6)
	Transient ischemic attack	149 (0.9)	189 (1.2)	168 (1.1)	176 (1.2)
	Unable to determine ²	248 (1.6)	131 (0.9)	148 (1.0)	90 (0.6)
Toronto - GTA	Intracerebral hemorrhage	210 (1.3)	202 (1.3)	203 (1.3)	215 (1.4)
	Ischemic stroke	649 (4.1)	849 (5.5)	1,009 (6.5)	1,032 (6.8)
	Subarachnoid hemorrhage	70 (0.4)	55 (0.4)	73 (0.5)	73 (0.5)
	Transient ischemic attack	188 (1.2)	273 (1.8)	231 (1.5)	239 (1.6)
	Unable to determine ²	460 (2.9)	329 (2.1)	235 (1.5)	136 (0.9)

EXHIBIT 4.2S continued

		2003/04	2009/10	2010/11	2011/12
Group/Subgroup		Patients¹, n (%)			
Local Health Integration Network by Stroke Type					
Erie St. Clair	Intracerebral hemorrhage	81 (0.5)	84 (0.5)	66 (0.4)	77 (0.5)
	Ischemic stroke	397 (2.5)	336 (2.2)	435 (2.8)	466 (3.1)
	Subarachnoid hemorrhage	28 (0.2)	23 (0.1)	31 (0.2)	27 (0.2)
	Transient ischemic attack	190 (1.2)	180 (1.2)	155 (1.0)	127 (0.8)
	Unable to determine ²	396 (2.5)	369 (2.4)	206 (1.3)	139 (0.9)
South West	Intracerebral hemorrhage	128 (0.8)	158 (1.0)	126 (0.8)	121 (0.8)
	Ischemic stroke	515 (3.3)	602 (3.9)	614 (4.0)	689 (4.5)
	Subarachnoid hemorrhage	82 (0.5)	53 (0.3)	71 (0.5)	63 (0.4)
	Transient ischemic attack	223 (1.4)	220 (1.4)	237 (1.5)	259 (1.7)
	Unable to determine ²	451 (2.9)	337 (2.2)	293 (1.9)	193 (1.3)
Waterloo Wellington	Intracerebral hemorrhage	67 (0.4)	65 (0.4)	52 (0.3)	61 (0.4)
	Ischemic stroke	256 (1.6)	398 (2.6)	401 (2.6)	457 (3.0)
	Subarachnoid hemorrhage	6 (0.0)	8 (0.1)	10 (0.1)	7 (0.0)
	Transient ischemic attack	130 (0.8)	143 (0.9)	163 (1.0)	171 (1.1)
	Unable to determine ²	262 (1.7)	95 (0.6)	100 (0.6)	65 (0.4)
Hamilton Niagara Haldimand Brant	Intracerebral hemorrhage	243 (1.5)	231 (1.5)	215 (1.4)	198 (1.3)
	Ischemic stroke	638 (4.1)	810 (5.3)	1,058 (6.8)	1,041 (6.8)
	Subarachnoid hemorrhage	73 (0.5)	126 (0.8)	117 (0.8)	116 (0.8)
	Transient ischemic attack	423 (2.7)	357 (2.3)	384 (2.5)	333 (2.2)
	Unable to determine ²	726 (4.6)	454 (3.0)	235 (1.5)	157 (1.0)
Central West	Intracerebral hemorrhage	67 (0.4)	55 (0.4)	81 (0.5)	63 (0.4)
	Ischemic stroke	208 (1.3)	236 (1.5)	282 (1.8)	347 (2.3)
	Subarachnoid hemorrhage	12 (0.1)	11 (0.1)	21 (0.1)	7 (0.0)
	Transient ischemic attack	55 (0.3)	101 (0.7)	103 (0.7)	116 (0.8)
	Unable to determine ²	217 (1.4)	170 (1.1)	129 (0.8)	63 (0.4)
Mississauga Halton	Intracerebral hemorrhage	143 (0.9)	147 (1.0)	122 (0.8)	152 (1.0)
	Ischemic stroke	441 (2.8)	613 (4.0)	727 (4.7)	685 (4.5)
	Subarachnoid hemorrhage	58 (0.4)	44 (0.3)	70 (0.5)	66 (0.4)
	Transient ischemic attack	133 (0.8)	172 (1.1)	128 (0.8)	123 (0.8)
	Unable to determine ²	243 (1.5)	159 (1.0)	106 (0.7)	73 (0.5)
Toronto Central	Intracerebral hemorrhage	236 (1.5)	245 (1.6)	231 (1.5)	247 (1.6)
	Ischemic stroke	736 (4.7)	950 (6.2)	1,018 (6.6)	1,071 (7.0)
	Subarachnoid hemorrhage	172 (1.1)	241 (1.6)	239 (1.5)	222 (1.5)
	Transient ischemic attack	156 (1.0)	278 (1.8)	275 (1.8)	252 (1.7)
	Unable to determine ²	374 (2.4)	197 (1.3)	187 (1.2)	120 (0.8)
Central	Intracerebral hemorrhage	165 (1.0)	134 (0.9)	132 (0.9)	127 (0.8)
	Ischemic stroke	633 (4.0)	666 (4.3)	748 (4.8)	811 (5.3)
	Subarachnoid hemorrhage	15 (0.1)	24 (0.2)	29 (0.2)	23 (0.2)
	Transient ischemic attack	164 (1.0)	221 (1.4)	220 (1.4)	239 (1.6)
	Unable to determine ²	368 (2.3)	226 (1.5)	232 (1.5)	147 (1.0)
Central East	Intracerebral hemorrhage	172 (1.1)	128 (0.8)	132 (0.9)	106 (0.7)
	Ischemic stroke	603 (3.8)	720 (4.7)	875 (5.6)	924 (6.1)
	Subarachnoid hemorrhage	13 (0.1)	14 (0.1)	14 (0.1)	14 (0.1)
	Transient ischemic attack	230 (1.5)	268 (1.7)	224 (1.4)	230 (1.5)
	Unable to determine ²	625 (4.0)	337 (2.2)	212 (1.4)	103 (0.7)
South East	Intracerebral hemorrhage	54 (0.3)	55 (0.4)	72 (0.5)	64 (0.4)
	Ischemic stroke	216 (1.4)	259 (1.7)	309 (2.0)	349 (2.3)
	Subarachnoid hemorrhage	43 (0.3)	29 (0.2)	21 (0.1)	15 (0.1)
	Transient ischemic attack	155 (1.0)	109 (0.7)	103 (0.7)	121 (0.8)
	Unable to determine ²	288 (1.8)	172 (1.1)	168 (1.1)	129 (0.8)

EXHIBIT 4.2S continued

		2003/04	2009/10	2010/11	2011/12
Group/Subgroup		Patients¹, n (%)			
Local Health Integration Network by Stroke Type					
Champlain	Intracerebral hemorrhage	170 (1.1)	125 (0.8)	138 (0.9)	139 (0.9)
	Ischemic stroke	547 (3.5)	580 (3.8)	663 (4.3)	724 (4.8)
	Subarachnoid hemorrhage	33 (0.2)	78 (0.5)	73 (0.5)	70 (0.5)
	Transient ischemic attack	216 (1.4)	146 (1.0)	205 (1.3)	196 (1.3)
	Unable to determine ²	299 (1.9)	292 (1.9)	190 (1.2)	170 (1.1)
North Simcoe Muskoka	Intracerebral hemorrhage	42 (0.3)	68 (0.4)	52 (0.3)	58 (0.4)
	Ischemic stroke	150 (1.0)	187 (1.2)	247 (1.6)	311 (2.0)
	Subarachnoid hemorrhage	**	**	8 (0.1)	6 (0.0)
	Transient ischemic attack	207 (1.3)	120 (0.8)	157 (1.0)	159 (1.0)
	Unable to determine ²	301 (1.9)	241 (1.6)	165 (1.1)	114 (0.7)
North East	Intracerebral hemorrhage	91 (0.6)	93 (0.6)	71 (0.5)	90 (0.6)
	Ischemic stroke	203 (1.3)	286 (1.9)	295 (1.9)	363 (2.4)
	Subarachnoid hemorrhage	31 (0.2)	20 (0.1)	20 (0.1)	27 (0.2)
	Transient ischemic attack	277 (1.8)	293 (1.9)	301 (1.9)	306 (2.0)
	Unable to determine ²	452 (2.9)	341 (2.2)	323 (2.1)	280 (1.8)
North West	Intracerebral hemorrhage	32 (0.2)	41 (0.3)	34 (0.2)	17 (0.1)
	Ischemic stroke	97 (0.6)	173 (1.1)	208 (1.3)	219 (1.4)
	Subarachnoid hemorrhage	16 (0.1)	14 (0.1)	13 (0.1)	18 (0.1)
	Transient ischemic attack	111 (0.7)	112 (0.7)	108 (0.7)	112 (0.7)
	Unable to determine ²	144 (0.9)	102 (0.7)	73 (0.5)	69 (0.5)

Data source: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD), 2003/04–2011/12.

Inclusion criteria: All patients aged ≥18 years.

Exclusion criteria: Patients with elective admissions.

1 Based on unique patients (i.e., does not include multiple patient-visits).

2 Includes stroke not specified as hemorrhagic or infarction.

** Cell value suppressed for reasons of privacy and confidentiality.

Notes:

(1) Facility-based analysis (i.e., the location of the facility is used to report regional performance).

(2) See Appendix E for a list of hospitals designated as regional and district stroke centres by the Ontario Stroke System.

n/a = not applicable

EXHIBIT 4.35 Age- and sex-adjusted inpatient admission rates for adults with stroke or transient ischemic attack per 1,000 sub-LHIN population 18 years and older, in Ontario and by sub-Local Health Integration Network, 2003/04 and 2009/10–2011/12

Group/Subgroup	Age- and Sex-Adjusted Rate ² , % (n)				
	2003/04	2009/10	2010/11	2011/12	
Ontario^{1,2}	1.7 (15,713)	1.4 (15,337)	1.3 (15,514)	1.3 (15,208)	
Local Health Integration Network²	Sub-Local Health Integration Network				
Erie St. Clair	Essex	2.1 (646)	1.8 (583)	1.6 (516)	1.4 (457)
Erie St. Clair	Chatham-Kent	2.7 (259)	2.4 (250)	2.0 (203)	1.9 (197)
Erie St. Clair	Lambton	2.0 (242)	1.6 (208)	1.6 (216)	1.7 (224)
South West	Bruce	2.0 (134)	1.9 (129)	1.3 (88)	1.6 (113)
South West	Grey	2.0 (166)	1.6 (153)	1.7 (162)	1.4 (135)
South West	Huron	1.7 (104)	1.7 (107)	1.3 (83)	1.4 (87)
South West	Perth	1.8 (121)	1.6 (112)	1.4 (104)	1.7 (119)
South West	Middlesex	1.4 (461)	1.3 (505)	1.4 (530)	1.4 (519)
South West	Oxford-Norfolk	1.9 (191)	1.5 (171)	1.5 (172)	1.5 (167)
South West	Elgin	1.8 (126)	1.7 (122)	1.6 (119)	1.6 (121)
Waterloo Wellington	Urban Waterloo & Rural Waterloo South	1.7 (479)	1.4 (476)	1.4 (463)	1.5 (525)
Waterloo Wellington	Urban Guelph	1.6 (138)	1.3 (135)	1.6 (170)	1.5 (161)
Waterloo Wellington	Rural Waterloo	0.9 (31)	0.7 (28)	1.1 (45)	1.3 (53)
Waterloo Wellington	Rural - South Grey & North Wellington	2.6 (63)	2.0 (55)	1.4 (40)	1.5 (45)
Waterloo Wellington	Rural Wellington	1.5 (61)	1.4 (63)	1.3 (63)	1.2 (58)
Hamilton Niagara Haldimand Brant	Brant & Brantford	2.1 (218)	1.8 (206)	2.0 (225)	1.7 (200)
Hamilton Niagara Haldimand Brant	New Credit & Six Nations	3.0 (11)	3.2 (11)	3.4 (8)	2.2 (6)
Hamilton Niagara Haldimand Brant	Haldimand & Norfolk	1.9 (159)	1.5 (139)	1.5 (140)	1.4 (130)
Hamilton Niagara Haldimand Brant	Burlington	1.4 (199)	1.3 (219)	1.3 (218)	1.1 (192)
Hamilton Niagara Haldimand Brant	East Niagara	1.7 (183)	1.3 (161)	1.4 (167)	1.1 (126)
Hamilton Niagara Haldimand Brant	North Niagara	1.7 (290)	1.4 (257)	1.5 (270)	1.2 (215)
Hamilton Niagara Haldimand Brant	South Niagara	1.9 (174)	1.6 (158)	1.2 (112)	1.4 (139)
Hamilton Niagara Haldimand Brant	West Niagara	1.6 (79)	1.3 (72)	1.1 (65)	1.2 (66)
Hamilton Niagara Haldimand Brant	Stoney Creek	1.4 (75)	1.4 (79)	1.4 (84)	1.5 (90)
Hamilton Niagara Haldimand Brant	Glanbrook	1.1 (14)	1.8 (25)	1.9 (27)	1.5 (22)
Hamilton Niagara Haldimand Brant	Ancaster	1.8 (52)	0.9 (29)	1.3 (43)	1.6 (50)
Hamilton Niagara Haldimand Brant	Flamborough	1.0 (34)	0.8 (28)	1.1 (39)	1.0 (38)
Hamilton Niagara Haldimand Brant	Dundas	2.5 (54)	1.6 (39)	1.6 (37)	2.1 (51)
Hamilton Niagara Haldimand Brant	Hamilton Urban Core	2.3 (196)	1.8 (164)	2.0 (185)	1.9 (172)
Hamilton Niagara Haldimand Brant	Hamilton Outer Core	1.7 (333)	1.6 (335)	1.7 (378)	1.4 (302)
Central West	Dufferin County	2.7 (90)	1.5 (56)	1.8 (71)	1.7 (67)
Central West	Malton (Mississauga)	1.7 (38)	1.8 (45)	1.9 (51)	2.1 (56)
Central West	Caledon	1.3 (35)	1.3 (47)	1.4 (54)	1.4 (50)
Central West	Brampton	1.5 (296)	1.5 (381)	1.5 (387)	1.5 (392)
Central West	Rexdale (Toronto)	1.7 (157)	1.6 (167)	1.6 (173)	1.3 (146)
Central West	Woodbridge (Vaughan)	2.1 (31)	2.3 (42)	2.0 (38)	2.0 (38)
Mississauga Halton	Milton	1.3 (34)	1.7 (55)	1.3 (47)	1.5 (54)
Mississauga Halton	Halton Hills	1.9 (60)	1.7 (68)	1.6 (64)	1.4 (55)
Mississauga Halton	Oakville	1.6 (175)	1.2 (167)	1.5 (205)	1.2 (167)
Mississauga Halton	Northwest Mississauga	1.0 (169)	0.9 (203)	0.9 (209)	1.0 (227)
Mississauga Halton	Southeast Mississauga	1.7 (325)	1.4 (331)	1.5 (343)	1.4 (337)
Mississauga Halton	South Etobicoke (Toronto)	1.9 (157)	1.8 (167)	1.5 (144)	1.4 (135)
Toronto Central	West	1.4 (169)	1.3 (162)	1.4 (179)	1.5 (189)
Toronto Central	North West	1.6 (269)	1.4 (245)	1.5 (254)	1.4 (250)
Toronto Central	South West	1.5 (167)	1.4 (158)	1.4 (160)	1.3 (147)
Toronto Central	North Toronto	1.5 (343)	1.5 (350)	1.4 (336)	1.5 (361)
Toronto Central	South East	1.2 (123)	1.5 (153)	1.3 (139)	1.2 (123)
Toronto Central	East	1.6 (130)	1.3 (114)	1.1 (98)	1.1 (95)
Toronto Central	North East	1.6 (149)	1.2 (121)	1.2 (124)	1.1 (108)
Central	South Simcoe & Northern York Region	1.7 (114)	1.3 (115)	1.2 (103)	1.3 (119)
Central	Central York Region	1.5 (176)	1.3 (189)	1.2 (187)	1.2 (181)
Central	Richmond Hill	1.3 (124)	0.9 (105)	1.0 (123)	1.0 (126)
Central	South West York Region	1.2 (127)	1.2 (169)	1.2 (177)	1.4 (209)

EXHIBIT 4.3S continued

Group/Subgroup		Age- and Sex-Adjusted Rate ² , % (n)			
		2003/04	2009/10	2010/11	2011/12
Local Health Integration Network²	Sub-Local Health Integration Network				
Central	North York West	1.8 (319)	1.5 (298)	1.6 (332)	1.4 (288)
Central	North York Central	1.8 (366)	1.4 (340)	1.6 (397)	1.5 (387)
Central	North York East	1.2 (108)	1.2 (119)	1.2 (132)	1.1 (121)
Central	Markham	1.0 (151)	1.1 (216)	1.0 (194)	1.1 (227)
Central East	North East Cluster	1.7 (515)	1.2 (428)	1.2 (427)	1.1 (390)
Central East	Durham Cluster	1.6 (564)	1.4 (581)	1.3 (564)	1.3 (587)
Central East	Scarborough Cluster	1.5 (679)	1.3 (669)	1.3 (702)	1.1 (617)
South East	Addington, North & Central Frontenac	1.9 (20)	1.7 (18)	1.5 (17)	1.1 (11)
South East	Belleville	2.2 (110)	1.6 (87)	1.4 (76)	1.6 (86)
South East	Brockville	2.4 (99)	1.8 (77)	1.9 (84)	2.1 (93)
South East	Central Hastings	1.8 (36)	1.4 (33)	2.1 (47)	1.5 (33)
South East	Gananoque, Leeds	1.6 (24)	1.0 (15)	1.0 (16)	1.5 (25)
South East	Kingston & Islands	1.1 (123)	1.2 (136)	1.3 (149)	1.3 (159)
South East	North Hastings	1.9 (23)	0.9 (14)	1.1 (14)	1.8 (24)
South East	Prince Edward County	1.8 (54)	1.7 (54)	1.5 (45)	1.1 (38)
South East	Quinte West, Brighton	1.6 (72)	1.0 (50)	1.5 (74)	1.2 (59)
South East	Rideau Lakes	1.4 (16)	1.1 (14)	1.6 (20)	0.5 (7)
South East	Southeast Leeds & Grenville	2.1 (35)	1.7 (31)	1.8 (33)	2.1 (37)
South East	Smiths Falls, Perth, Lanark	1.9 (69)	1.7 (59)	1.4 (53)	1.4 (52)
South East	South Frontenac	1.2 (13)	0.6 (9)	1.1 (14)	1.2 (18)
South East	Stone Mills, Loyalist	0.9 (18)	1.3 (26)	1.5 (31)	1.4 (27)
South East	Tyendinaga, Napanee	0.9 (20)	1.1 (25)	1.6 (37)	1.5 (34)
Champlain	Ottawa Centre	1.2 (206)	1.0 (191)	1.0 (200)	0.9 (184)
Champlain	Ottawa East	1.2 (183)	1.0 (186)	0.9 (166)	1.1 (210)
Champlain	Ottawa West	1.3 (360)	1.0 (318)	1.1 (341)	1.2 (367)
Champlain	Renfrew County	1.9 (171)	1.8 (178)	2.2 (222)	1.9 (197)
Champlain	North Lanark / North Grenville	2.0 (71)	1.3 (50)	0.9 (37)	1.2 (50)
Champlain	Eastern Counties	1.5 (250)	1.4 (249)	1.5 (272)	1.4 (251)
North Simcoe Muskoka	Collingwood & Area	1.9 (98)	1.4 (87)	1.5 (95)	1.6 (101)
North Simcoe Muskoka	Barrie & Area	1.7 (226)	1.4 (229)	1.4 (228)	1.5 (248)
North Simcoe Muskoka	Orillia & Area	2.5 (131)	1.4 (83)	1.4 (92)	1.5 (94)
North Simcoe Muskoka	Midland & Penetanguishene Area	2.0 (87)	2.1 (107)	1.9 (99)	1.8 (97)
North Simcoe Muskoka	Muskoka	2.2 (133)	1.6 (111)	1.5 (103)	1.4 (97)
North East	Algoma	1.9 (229)	1.9 (242)	2.0 (261)	2.2 (278)
North East	James & Hudson Bay Coasts	4.6 (10)	3.1 (12)	3.5 (7)	1.5 (6)
North East	Nipissing	2.4 (177)	2.1 (164)	2.0 (158)	2.3 (182)
North East	Parry Sound	1.5 (69)	1.6 (72)	1.6 (79)	1.8 (90)
North East	Manitoulin-Sudbury	2.2 (368)	2.1 (364)	1.9 (340)	1.8 (322)
North East	Timiskaming	2.4 (80)	1.9 (66)	1.7 (55)	1.8 (62)
North East	Cochrane	2.0 (131)	2.1 (143)	2.0 (134)	2.0 (133)
North West	Kenora	1.8 (76)	2.3 (104)	2.1 (95)	2.1 (95)
North West	Rainy River	2.3 (46)	2.3 (50)	2.4 (52)	2.0 (42)
North West	Thunder Bay District	1.5 (29)	2.7 (51)	2.1 (38)	1.8 (35)
North West	Thunder Bay City	2.1 (244)	2.0 (243)	2.0 (247)	2.1 (261)

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD), 2003/04-2011/12; Statistics Canada, Ontario intercensal population estimate, 2003.

Inclusion criteria: All patients aged ≥18 years with a diagnosis of stroke (ischemic or hemorrhagic) or transient ischemic attack.

Exclusion criteria: Patients with elective admissions.

1 Based on unique patients (i.e., does not include multiple patient-visits).

2 Age- and sex-adjusted standardized rates determined by using the 2003/04 Ontario population as the standard.

Notes:

(1) Population-based analysis (i.e., the location of the patient's residence is used to report regional performance).

(2) Excludes patients with missing postal codes.

(3) Indicates significant difference from standardized rate.

(4) LHIN/sub-LHIN populations were determined using POPLHIN 2003-2010, POPLHIN PROJECTED 2011 and POPSUBLHIN VERSION 9.2006-2008 files from the Ontario Ministry of Health and Long-Term Care: IntelliHealth Ontario.

EXHIBIT 4.4S-1 Inpatient length of stay for adults with stroke or transient ischemic attack, in Ontario and by Ontario Stroke System region and facility, 2003/04 and 2009/10-2011/12

Group/Subgroup				2003/04			2009/10							
				No. of patients ¹	Total length of stay		No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)
					Mean (days)	Median (days)		Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)	
Ontario				15,731	12.5	7	15,347	12.6	6	8.5	5	4.1	0	33.0
Ontario Stroke System Region														
Central East				2,182	11.9	6	2,068	12.4	7	8.2	5	4.2	0	33.7
Central South				2,824	12.8	7	2,687	12.0	6	7.3	5	4.7	0	38.8
Champlain				1,265	13.3	7	1,221	17.5	8	10.8	7	6.7	0	38.2
Northeast				1,054	12.7	6	1,033	12.7	5	7.5	5	5.1	0	40.6
Northwest				400	10.9	6	442	9.8	7	7.5	6	2.3	0	23.1
South East				756	12.4	6	624	14.2	6	8.0	5	6.2	0	43.5
Southwest				2,491	9.5	6	2,362	10.3	6	7.8	5	2.4	0	23.5
Toronto - North & East				1,029	14.2	8	1,118	12.5	6	8.8	6	3.7	0	29.8
Toronto - Southeast				865	13.7	8	849	13.2	8	9.3	6	3.9	0	29.3
Toronto - West				1,288	17.4	9	1,235	15.5	7	10.9	6	4.6	0	29.6
West GTA				1,577	12.0	7	1,708	11.1	6	8.3	6	2.8	0	25.3
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region	No. of patients ¹	Mean (days)	Median (days)	No. of patients ¹	Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)	Proportion of ALC ² days to total length of stay (%)
1067	Leamington District Memorial Hospital	Erie St. Clair	Southwest	68	4.4	3	54	12.4	4.5	7.2	4.5	5.2	0	42.2
1079	Windsor Regional Hospital (Metropolitan)	Erie St. Clair	Southwest	208	7.8	6	177	9.8	9	6.9	6	2.9	0	29.9
1223	Public General Hospital Society of Chatham	Erie St. Clair	Southwest	165	8.7	6	223	6.1	5	5.2	5	0.9	0	15.3
1239	Sydenham District Hospital	Erie St. Clair	Southwest	59	7.7	6	7	5.7	6	5.0	6	0.7	0	12.5
3707	Hôtel-Dieu Grace Hospital (St. Joseph)	Erie St. Clair	Southwest	386	9.5	6	361	10.9	7	9.2	6	1.7	0	15.3
4415	Bluewater Health (Sarnia)	Erie St. Clair	Southwest	177	8.2	6	154	8.0	6	7.2	5	0.7	0	9.1
4418	Bluewater Health (Petrolia)	Erie St. Clair	Southwest	29	10.4	7	16	6.8	6.5	6.8	6.5	-	0	-
1030	Grey Bruce Health Services (Lion's Head)	South West	Southwest	14	10.7	3.5	**	36.3	7	6.7	7	29.7	0	81.7
1059	St. Thomas-Elgin General Hospital	South West	Southwest	94	9.9	7	77	7.8	4	6.6	4	1.2	0	15.0
1124	Hanover & District Hospital	South West	Southwest	27	5.7	5	23	8.1	4	7.0	4	1.2	0	14.4
1199	Clinton Public Hospital	South West	Southwest	12	7.9	6.5	11	4.9	3	3.6	3	1.3	0	25.9
1203	South Huron Hospital	South West	Southwest	29	6.0	5	12	5.6	5	5.6	5	-	0	-
1206	Alexandra Marine & General Hospital	South West	Southwest	32	7.8	7	30	8.1	3	6.0	3	2.0	0	25.2
1213	Seaforth Community Hospital	South West	Southwest	13	6.6	6	10	3.7	3	3.6	3	0.1	0	2.7
1217	Wingham & District Hospital	South West	Southwest	29	6.6	4	28	8.4	5.5	6.4	5	2.1	0	24.6
1497	St. Joseph Health Care, London	South West	Southwest	77	11.0	7	-	-	-	-	-	-	-	-
1507	Four Counties Health Services Corporation	South West	Southwest	17	6.6	5	13	9.0	5	8.3	4	0.7	0	7.7
1515	Strathroy Middlesex General Hospital	South West	Southwest	63	8.7	6	41	23.7	12	14.1	10	9.6	0	40.5
1696	Alexandra Hospital	South West	Southwest	25	16.0	5	20	11.9	6	7.4	5	4.5	0	37.6
1709	Tillsonburg District Memorial Hospital	South West	Southwest	66	6.6	6	46	8.9	4	6.8	4	2.1	0	23.4
1716	Woodstock General Hospital Trust	South West	Southwest	66	5.0	4.5	57	8.4	5	5.3	4	3.1	0	36.7
1740	Listowel Memorial Hospital	South West	Southwest	20	18.5	11	20	11.0	5.5	9.2	5.5	1.8	0	16.4
1748	St. Marys Memorial Hospital	South West	Southwest	17	9.2	7	9	8.2	6	7.0	6	1.2	0	14.9
1754	Stratford General Hospital	South West	Southwest	77	6.9	5	112	6.6	4	5.0	3.5	1.6	0	24.4
3850	London Health Sciences Centre (University)	South West	Southwest	467	12.7	8	605	13.4	6	10.1	6	3.3	0	24.5
3907	South Bruce Grey Health Centre (Kincardine)	South West	Southwest	23	6.3	6	38	8.9	6	5.7	5	3.2	0	35.9
3944	Grey Bruce Health Services (Owen Sound)	South West	Southwest	121	7.4	5	94	8.5	4.5	7.5	4.5	1.0	0	11.2
4025	Grey Bruce Health Services (Markdale)	South West	Southwest	27	21.0	3	14	7.6	3.5	6.1	3.5	1.6	0	20.6
4027	Grey Bruce Health Services (Meaford)	South West	Southwest	20	20.9	8.5	25	7.4	5	5.8	5	1.6	0	22.0
4030	Grey Bruce Health Services (Southampton)	South West	Southwest	21	11.8	8	16	10.4	5.5	6.6	5	3.8	0	36.7
4033	Grey Bruce Health Services (Warton)	South West	Southwest	14	10.7	3.5	17	12.4	6	6.0	6	6.4	0	51.4
4036	South Bruce Grey Health Centre (Durham)	South West	Southwest	14	9.6	4.5	14	4.1	2.5	4.1	2.5	-	0	-
4039	South Bruce Grey Health Centre (Walkerton)	South West	Southwest	17	15.2	8	25	15.8	7	7.1	6	8.7	0	55.1
4042	South Bruce Grey Health Centre (Chesley)	South West	Southwest	11	5.6	4	10	2.4	2	2.4	2	-	0	-
1905	Cambridge Memorial Hospital	Waterloo Wellington	Central South	136	10.6	5	112	10.5	6	5.5	4	4.9	0	47.2
1921	St. Mary's General Hospital	Waterloo Wellington	Central South	165	14.2	5	26	10.7	6	5.9	5	4.8	0	45.1
1936	Groves Memorial Community Hospital	Waterloo Wellington	Central South	54	9.8	7	44	6.5	4	5.1	3.5	1.4	0	22.0
1946	Guelph General Hospital	Waterloo Wellington	Central South	129	10.9	6	131	10.6	6	6.3	5	4.3	0	40.3
3734	Grand River Hospital Corporation (Waterloo)	Waterloo Wellington	Central South	199	10.9	6	362	11.1	6	6.5	5	4.6	0	41.7

EXHIBIT 4.4S-1 continued

Group/Subgroup				2003/04			2009/10							
				No. of patients ¹	Total length of stay		No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)
					Mean (days)	Median (days)		Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)	
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region											
4323	North Wellington Health Care (Mount Forest)	Waterloo Wellington	Central South	29	10.3	9	17	4.2	4	4.1	4	0.1	0	2.8
4326	North Wellington Health Care (Palmerston)	Waterloo Wellington	Central South	9	6.8	7	17	6.6	2	4.8	2	1.8	0	26.8
1146	Haldimand War Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	33	7.1	5	21	14.3	4	10.3	4	4.0	0	27.7
1149	West Haldimand General Hospital	Hamilton Niagara Haldimand Brant	Central South	29	8.6	6	16	7.8	5	7.8	5	-	0	-
1160	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	217	13.0	6	210	9.2	5	6.9	5	2.4	0	25.8
1538	West Lincoln Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	46	7.2	4.5	32	7.2	4	5.0	4	2.2	0	30.1
1591	Norfolk General Hospital	Hamilton Niagara Haldimand Brant	Central South	87	17.5	10	76	17.0	4	7.6	4	9.5	0	55.5
1982	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	427	17.9	7	503	14.5	8	11.4	7	3.1	0	21.6
1983	Hamilton Health Sciences Corp (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	111	18.7	9	124	16.8	7	8.1	6	8.7	0	51.8
1994	Hamilton Health Sciences Corp (McMaster)	Hamilton Niagara Haldimand Brant	Central South	108	14.1	5	79	14.4	5	7.4	4	7.1	0	48.9
2003	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	190	17.1	7	125	22.9	6	8.8	5	14.1	0	61.5
4210	Niagara Health System (Fort Erie Douglas)	Hamilton Niagara Haldimand Brant	Central South	42	6.3	5	8	7.6	4	4.4	4	3.3	0	42.6
4213	Niagara Health System (Greater Niagara)	Hamilton Niagara Haldimand Brant	Central South	144	12.7	10	222	11.3	8	6.3	5	5.0	0	44.2
4216	Niagara Health System (Niagara-on-the-Lake)	Hamilton Niagara Haldimand Brant	Central South	**	2.0	2	-	-	-	-	-	-	-	-
4219	Niagara Health System (Port Colborne)	Hamilton Niagara Haldimand Brant	Central South	25	21.3	11	**	19.7	21	14.3	15	5.3	0	27.1
4224	Niagara Health System (St. Catharines)	Hamilton Niagara Haldimand Brant	Central South	292	8.5	7	185	9.0	6	5.4	4	3.6	0	40.1
4227	Niagara Health System (Welland County)	Hamilton Niagara Haldimand Brant	Central South	136	9.0	7	143	10.2	7	5.2	4	5.0	0	48.9
4627	Niagara Health System (Ontario Street)	Hamilton Niagara Haldimand Brant	Central South	-	-	-	-	-	-	-	-	-	-	-
4675	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	215	8.6	6	231	7.8	4	5.3	4	2.6	0	33.0
3684	Headwaters Health Care Centre (Dufferin)	Central West	West GTA	114	8.2	6	78	7.1	5	5.7	4	1.4	0	19.5
3929	William Osler Health System (Etobicoke)	Central West	West GTA	210	18.2	10	223	11.4	7	8.1	6	3.3	0	29.1
4016	William Osler Health System (Brampton)	Central West	West GTA	235	12.9	7	-	-	-	-	-	-	-	-
4681	William Osler Health System (Civic)	Central West	West GTA	-	-	-	272	12.7	6	7.6	4	5.1	0	39.9
3286	Credit Valley Hospital	Mississauga Halton	West GTA	180	11.3	8	205	11.6	6	10.4	6	1.3	0	11.0
3917	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	581	11.8	6	653	11.9	7	8.7	6	3.2	0	26.8
3926	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	177	9.2	6	172	9.7	6	8.6	6	1.1	0	10.9
4019	William Osler Health Centre (Georgetown)	Mississauga Halton	West GTA	46	8.1	5	-	-	-	-	-	-	-	-
4022	Halton Healthcare Services Corp (Milton)	Mississauga Halton	West GTA	34	9.3	5	50	7.8	6	7.2	6	0.6	0	7.7
4622	Halton Healthcare Services Corp (Georgetown)	Mississauga Halton	West GTA	-	-	-	55	4.9	3	4.2	3	0.6	0	13.1
1302	Toronto East General Hospital	Toronto Central	Toronto - Southeast	249	14.8	10	191	16.0	9	10.2	7	5.8	0	36.5
1406	Hospital for Sick Children	Toronto Central	Toronto - West	**	2.0	2	-	-	-	-	-	-	-	-
1423	Mount Sinai Hospital	Toronto Central	Toronto - West	122	12.8	7	118	17.7	6	11.9	5	5.8	0	32.6
1443	St. Joseph's Health Centre	Toronto Central	Toronto - West	232	16.3	10	190	11.5	7	7.3	5	4.1	0	35.9
1444	St. Michael's Hospital	Toronto Central	Toronto - Southeast	269	15.9	9	354	10.9	7	8.8	6	2.1	0	19.4
3910	University Health Network	Toronto Central	Toronto - West	477	16.5	9	606	13.4	7	10.3	6	3.1	0	23.0
3936	Sunnybrook Health Sciences Centre	Toronto Central	Toronto - North & East	324	16.1	9	452	11.8	7	9.2	6	2.6	0	21.7
1330	North York General Hospital	Central	Toronto - North & East	262	12.9	8.5	299	13.8	6	8.2	5	5.6	0	40.6
1343	Humber River Regional Hospital (York-Finch)	Central	Toronto - West	206	18.3	8.5	156	23.6	9	13.7	6	9.9	0	41.8
1817	Stevenson Memorial Hospital, Alliston	Central	Central East	54	10.4	8	47	7.0	4	4.9	3	2.2	0	30.8
2038	Southlake Regional Health Centre	Central	Central East	210	11.7	7.5	200	10.9	8	8.6	6.5	2.3	0	21.3
2046	Mackenzie Health	Central	Central East	249	13.9	9	261	12.0	7	8.3	6	3.7	0	30.9
3587	Markham Stouffville Hospital	Central	Central East	114	19.0	8.5	143	12.5	7	7.4	5	5.0	0	40.4
3883	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	250	21.8	11	165	18.5	10	13.7	9	4.8	0	25.7
4465	Markham Stouffville Hospital (Uxbridge)	Central	Central East	31	7.9	8	18	11.7	3.5	4.9	3	6.8	0	57.8
1597	Campbellford Memorial Hospital	Central East	Central East	34	11.2	7.5	22	12.8	4.5	6.8	4.5	6.1	0	47.2
1768	Peterborough Regional Health Centre	Central East	Central East	240	15.6	6	235	17.7	7	10.8	6	6.9	0	39.1
1893	Ross Memorial Hospital	Central East	Central East	110	9.6	7	94	9.1	6	6.3	5	2.8	0	30.4
3737	Haliburton Highlands Health Services Corp (Haliburton)	Central East	Central East	7	2.9	2	7	10.0	5	6.9	5	3.1	0	31.4
3860	Northumberland Hills Hospital	Central East	Central East	84	8.9	7	61	10.3	6	5.4	5	4.9	0	47.7
3932	Lakeridge Health Corporation (Oshawa)	Central East	Central East	233	9.7	7	273	12.2	7	7.4	5	4.9	0	39.7
3943	Rouge Valley Health System (Centenary)	Central East	Toronto - Southeast	234	12.1	8	201	11.9	7	9.4	6	2.5	0	20.8
4005	Lakeridge Health Corporation (Port Perry)	Central East	Central East	42	8.2	5	36	6.8	5	4.7	3.5	2.1	0	30.3

EXHIBIT 4.4S-1 continued

Group/Subgroup				2003/04			2009/10							
				No. of patients ¹	Total length of stay		No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)
					Mean (days)	Median (days)		Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)	
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region											
4008	Lakeridge Health Corporation (Bowmanville)	Central East	Central East	72	8.2	5	50	11.0	5	5.9	4.5	5.1	0	46.4
4014	Rouge Valley Health System (Ajax)	Central East	Toronto - Southeast	113	9.4	5	103	17.9	8	9.1	7	8.8	0	49.1
4152	Scarborough Hospital (General)	Central East	Toronto - North & East	261	14.3	9	160	17.6	7	10.1	7	7.4	0	42.3
4154	Scarborough Hospital (Grace)	Central East	Toronto - North & East	182	12.7	6.5	207	8.4	6	7.7	6	0.7	0	8.4
1097	Hotel Dieu Hospital (Kingston)	South East	South East	-	-	-	-	-	-	-	-	-	-	-
1100	Kingston General Hospital	South East	South East	283	16.0	8	278	19.6	7	10.3	7	9.3	0	47.4
1269	Perth & Smiths Falls District Hospital (Smiths Falls)	South East	South East	50	16.0	8.5	23	15.7	7	8.7	7	7.0	0	44.4
1273	Brockville General Hospital	South East	South East	109	11.1	7	94	12.0	5	7.4	4	4.6	0	38.2
1295	Lennox & Addington County General Hospital	South East	South East	23	10.7	6	15	11.5	6	8.2	6	3.3	0	28.5
3732	Perth & Smiths Falls District Hospital (Perth)	South East	South East	26	12.8	6	29	12.3	5	5.7	5	6.6	0	53.4
3988	Quinte Healthcare Corporation (Belleville)	South East	South East	144	10.1	5	106	6.8	4	4.6	3	2.2	0	32.5
3991	Quinte Healthcare Corporation (Bancroft)	South East	South East	15	5.5	4	**	25.8	5	8.3	5	17.5	0	68.0
3992	Quinte Healthcare Corporation (Picton)	South East	South East	41	5.1	3	41	5.1	4	4.3	3	0.7	0	14.4
3994	Quinte Healthcare Corporation (Trenton)	South East	South East	65	8.0	5	34	10.8	6.5	7.5	6	3.3	0	30.2
1254	Almonte General Hospital	Champlain	Champlain	15	13.2	3	11	4.5	3	4.5	3	-	0	-
1256	Carleton Place & District Memorial Hospital	Champlain	Champlain	24	7.5	7	11	8.3	7	7.9	6	0.4	0	4.4
1284	Kemptville District Hospital	Champlain	Champlain	22	14.3	6.5	**	2.0	1.5	2.0	1.5	-	0	-
1661	Hôpital Montfort	Champlain	Champlain	102	14.1	9	108	23.8	8	11.8	7	12.1	0	50.6
1681	Queensway-Carleton Hospital	Champlain	Champlain	194	14.5	7	109	11.0	6	7.9	6	3.1	0	27.9
1777	Hawkesbury & District General Hospital	Champlain	Champlain	26	12.7	8	37	12.1	7	8.2	7	3.9	0	32.4
1799	Arnprior & District Memorial Hospital	Champlain	Champlain	21	9.7	5	19	21.6	9	8.3	7	13.4	0	61.8
1801	St. Francis Memorial Hospital	Champlain	Champlain	10	11.0	7.5	**	18.4	8	18.4	8	-	0	-
1803	Deep River & District Hospital	Champlain	Champlain	**	4.6	5	6	15.2	19	13.7	18.5	1.5	0	9.9
1804	Pembroke Regional Hospital Inc.	Champlain	Champlain	110	7.9	5	113	18.4	4	10.9	4	7.5	0	40.9
1813	Renfrew Victoria Hospital	Champlain	Champlain	17	4.4	3	19	11.4	7	7.3	6	4.1	0	35.9
1870	Glengarry Memorial Hospital	Champlain	Champlain	21	11.3	5	7	9.6	7	8.1	6	1.4	0	14.9
1885	Winchester District Memorial Hospital	Champlain	Champlain	45	13.8	9	25	17.4	8	11.6	8	5.8	0	33.6
4046	Ottawa Hospital (Civic)	Champlain	Champlain	205	15.6	9	559	17.2	9	11.8	8	5.4	0	31.4
4048	Ottawa Hospital (General)	Champlain	Champlain	362	14.2	8	109	26.9	11	13.1	10	13.8	0	51.4
4164	University of Ottawa Heart Institute	Champlain	Champlain	**	4.8	3.5	**	7.6	4	7.6	4	-	0	-
4451	Cornwall Community Hospital	Champlain	Champlain	82	12.9	10	74	13.8	8	7.1	4	6.7	0	48.5
1825	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	207	6.8	4	228	16.0	7	13.3	6	2.7	0	17.0
1833	Collingwood General & Marine Hospital	North Simcoe Muskoka	Central East	88	11.6	4	78	9.1	6	5.6	4	3.5	0	38.7
1844	Georgian Bay General Hospital (Midland)	North Simcoe Muskoka	Central East	94	10.2	6	103	6.2	5	4.5	4	1.7	0	27.1
1853	Orillia Soldiers' Memorial Hospital	North Simcoe Muskoka	Central East	167	15.9	7	95	12.1	7	6.8	5	5.3	0	43.6
4616	Muskoka Algonquin Healthcare (Huntsville)	North Simcoe Muskoka	Central East	60	9.0	3	53	11.3	4	6.4	4	4.9	0	43.1
4619	Muskoka Algonquin Healthcare (Bracebridge)	North Simcoe Muskoka	Central East	86	14.3	5	64	17.8	10.5	11.0	9.5	6.8	0	38.3
2057	Blind River District Health Centre/Pavillon Santé	North East	Northeast	**	3.8	3	**	4.5	5	4.5	5	-	0	-
2058	St. Joseph's General Hospital	North East	Northeast	32	15.2	5.5	33	21.9	7	11.6	6	10.2	0	46.8
2061	Hornepayne Community Hospital	North East	Northeast	**	3.8	2.5	**	3.0	3	3.0	3	-	0	-
2076	Lady Dunn Health Centre	North East	Northeast	**	13.4	4	**	3.8	4	3.8	4	-	0	-
2078	Lady Minto Hospital	North East	Northeast	9	13.6	5	11	5.3	5	5.3	5	-	0	-
2082	Hôpital Notre-Dame Hospital (Hearst)	North East	Northeast	7	6.0	6	10	8.2	5	8.2	5	-	0	-
2084	Anson General Hospital	North East	Northeast	10	9.4	5.5	7	51.4	13	33.3	13	18.1	0	35.3
2088	Sensenbrenner Hospital	North East	Northeast	26	17.9	6.5	21	10.1	6	9.1	5	1.0	0	9.9
2090	Bingham Memorial Hospital	North East	Northeast	**	41.7	25	**	2.3	2	2.3	2	-	0	-
2094	Smooth Rock Falls Hospital	North East	Northeast	**	8.3	7	**	2.8	3	2.8	3	-	0	-
2121	Manitoulin Health Centre (Little Current)	North East	Northeast	18	9.0	4.5	17	13.4	3	4.9	3	8.4	0	63.0
2123	Manitoulin Health Centre (Mindemoya)	North East	Northeast	21	7.7	3	20	8.0	2	6.5	2	1.5	0	18.2
2126	Mattawa General Hospital	North East	Northeast	8	9.1	10	9	14.1	5	14.1	5	-	0	-
2173	Services de santé de Chapleau Health Services	North East	Northeast	**	26.4	35	**	22.5	11	11.5	11	11.0	0	48.9
2174	Espanola General Hospital	North East	Northeast	14	7.1	2	17	8.4	6	8.4	6	-	0	-

EXHIBIT 4.4S-1 continued

Group/Subgroup				2003/04			2009/10									
				No. of patients ¹	Total length of stay		No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)		
					Mean (days)	Median (days)		Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)			
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region													
2204	Englehart & District Hospital	North East	Northeast	7	11.9	7	16	13.4	7.5	13.4	7.5	-	0	-		
2207	Temiskaming Hospital	North East	Northeast	39	13.8	6	27	7.1	4	5.7	4	1.3	0	18.8		
2211	Kirkland & District Hospital	North East	Northeast	32	13.3	9	20	30.9	10.5	12.6	10.5	18.3	0	59.3		
2812	West Nipissing General Hospital	North East	Northeast	29	8.1	4	28	9.5	6.5	4.9	4	4.6	0	48.1		
3414	Timmins & District General Hospital	North East	Northeast	66	10.2	4	88	10.9	4	4.9	3.5	5.9	0	54.6		
3729	West Parry Sound Health Centre	North East	Northeast	29	6.1	4	42	7.0	4	6.2	4	0.8	0	10.9		
4059	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	335	14.8	7	311	15.7	7	8.9	6	6.8	0	43.3		
4407	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	176	9.6	5	184	11.8	5	6.3	5	5.5	0	46.3		
4698	Weeneebayko Area Health Authority (Moose Factory)	North East	Northeast	8	6.3	3.5	8	2.6	3	2.6	3	-	0	-		
4702	Weeneebayko Area Health Authority (Attawapiskat)	North East	Northeast	-	-	-	-	-	-	-	-	-	-	-		
4730	North Bay Regional Health Centre	North East	Northeast	163	14.8	5	143	8.6	4	5.8	4	2.8	0	32.8		
2103	Dryden Regional Health Centre	North West	Northeast	18	13.9	4	11	9.0	8	8.3	5	0.7	0	8.1		
2110	Lake-of-the-Woods District Hospital	North West	Northwest	29	5.5	4	35	11.7	6	5.5	5	6.1	0	52.7		
2115	Red Lake Margaret Cochenour Memorial Hospital	North West	Northwest	7	7.9	1	8	2.4	1	2.4	1	-	0	-		
2147	Atikokan General Hospital	North West	Northwest	8	14.0	12.5	**	2.0	1	2.0	1	-	0	-		
2148	Riverside Health Care Facility (Emo)	North West	Northwest	**	5.0	5	**	1.0	1	1.0	1	-	0	-		
2150	Riverside Health Care Facility (La Vérendrye)	North West	Northwest	28	6.8	4	32	5.3	3.5	4.5	3	0.8	0	15.8		
2153	Riverside Health Care Facility (Rainy River)	North West	Northwest	**	3.0	3	**	9.5	9.5	4.0	4	5.5	5.5	57.9		
2175	Geraldton District Hospital	North West	Northwest	**	2.6	1	**	1.3	1	1.3	1	-	0	-		
2176	Manitouwadge General Hospital	North West	Northwest	-	-	-	-	-	-	-	-	-	-	-		
2177	Wilson Memorial General Hospital	North West	Northwest	**	1.7	1	**	1.0	1	1.0	1	-	0	-		
2178	Nipigon District Memorial Hospital	North West	Northwest	6	2.8	2	**	32.4	37	28.2	19	4.2	0	13.0		
2180	McCausland Hospital	North West	Northwest	**	5.3	2	**	3.0	3	3.0	3	-	0	-		
3853	Thunder Bay Regional Health Sciences Centre	North West	Northwest	277	12.5	8	334	10.2	8	8.1	7	2.2	0	21.1		
4353	Sioux Lookout Meno Ya Win Health Centre (District)	North West	Northwest	8	5.8	5	**	6.5	4	6.5	4	-	0	-		
4356	Sioux Lookout Meno Ya Win Health Centre (Zone)	North West	Northwest	**	3.6	2	-	-	-	-	-	-	-	-		

Group/Subgroup				2010/11							2011/12								
				No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)	No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)
					Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)			Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)	
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region																
Ontario				15,524	12.1	6	8.2	5	4.0	0	33.0	15,224	11.3	6	8.2	5	3.1	0	27.3
Ontario Stroke System Region																			
Central East				2,061	10.1	5	7.1	5	3.0	0	29.5	2,104	8.7	5	6.4	5	2.3	0	26.8
Central South				2,735	11.3	6	7.2	5	4.1	0	36.1	2,606	10.9	6	7.8	5	3.1	0	28.5
Champlain				1,269	14.6	7	9.2	6	5.4	0	36.7	1,299	13.9	8	10.0	7	3.9	0	28.1
Northeast				1,010	11.5	5	7.2	4	4.3	0	37.4	1,066	11.6	5	7.1	4	4.5	0	39.1
Northwest				436	12.5	7	7.1	5	5.3	0	42.8	435	9.4	5	6.4	5	3.0	0	32.2
South East				673	12.6	6	8.3	5	4.3	0	34.1	678	11.0	6	8.7	5	2.2	0	20.3
Southwest				2,234	10.0	5	7.8	5	2.3	0	22.7	2,161	10.1	5	7.7	5	2.4	0	23.3
Toronto - North & East				1,241	13.9	6	8.9	5	5.0	0	35.8	1,179	12.2	6	9.0	5	3.2	0	25.9
Toronto - Southeast				836	12.2	7	9.1	6	3.1	0	25.4	792	12.6	8	9.7	7	3.0	0	23.4
Toronto - West				1,260	18.4	8	11.6	7	6.8	0	37.1	1,209	15.1	7	10.4	6	4.7	0	31.3
West GTA				1,769	11.0	6	8.1	6	2.9	0	26.2	1,695	11.1	7	8.6	6	2.5	0	22.8
1067	Leamington District Memorial Hospital	Erie St. Clair	Southwest	57	9.9	5	7.6	5	2.3	0	22.7	54	14.1	10	11.0	7	3.1	0	22.1
1079	Windsor Regional Hospital (Metropolitan)	Erie St. Clair	Southwest	123	13.3	8	7.7	7	5.6	0	42.1	103	11.3	7	7.5	6	3.7	0	33.1
1223	Public General Hospital Society of Chatham	Erie St. Clair	Southwest	192	7.8	6	7.0	6	0.9	0	10.9	178	7.3	5	6.6	5	0.7	0	9.3

EXHIBIT 4.4S-1 continued

Group/Subgroup				2010/11								2011/12								
				No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)	No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)	
					Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)			Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)		
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region																	
1239	Sydenham District Hospital	Erie St. Clair	Southwest	**	5.7	6	5.7	6	-	0	0.0	**	3.0	3	3.0	3	0.0	0	0.0	
3707	Hôtel-Dieu Grace Hospital (St. Joseph)	Erie St. Clair	Southwest	347	14.6	8	10.1	7	4.5	0	30.9	310	14.5	9	10.5	7	4.0	0	27.5	
4415	Bluewater Health (Sarnia)	Erie St. Clair	Southwest	164	7.9	5	6.6	5	1.3	0	16.3	175	7.9	5	6.5	5	1.3	0	16.7	
4418	Bluewater Health (Petrolia)	Erie St. Clair	Southwest	7	5.0	2	5.0	2	-	0	0.0	15	8.4	7	7.2	7	1.2	0	14.3	
1030	Grey Bruce Health Services (Lion's Head)	South West	Southwest	**	6.0	6	6.0	6	-	0	0.0	**	8.0	8	8.0	8	0.0	0	0.0	
1059	St. Thomas-Elgin General Hospital	South West	Southwest	83	7.5	5	6.3	4	1.2	0	16.5	80	7.4	3.5	6.6	3	0.8	0	10.8	
1124	Hanover & District Hospital	South West	Southwest	24	5.5	4	4.6	4	0.9	0	15.9	13	5.4	3	5.4	3	0.0	0	0.0	
1199	Clinton Public Hospital	South West	Southwest	18	5.6	3.5	4.6	3	1.0	0	18.0	10	3.7	2.5	3.6	2.5	0.1	0	2.7	
1203	South Huron Hospital	South West	Southwest	16	6.6	4.5	6.4	4.5	0.2	0	2.8	14	8.6	7	8.4	7	0.1	0	1.7	
1206	Alexandra Marine & General Hospital	South West	Southwest	26	6.5	2.5	4.5	2.5	2.0	0	30.8	27	5.6	4	5.3	4	0.4	0	6.6	
1213	Seaforth Community Hospital	South West	Southwest	**	2.0	2	2.0	2	-	0	0.0	7	6.9	8	6.9	8	0.0	0	0.0	
1217	Wingham & District Hospital	South West	Southwest	15	9.9	4	8.9	4	0.9	0	9.5	18	6.1	3	6.1	3	0.0	0	0.0	
1497	St. Joseph Health Care, London	South West	Southwest	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1507	Four Counties Health Services Corporation	South West	Southwest	7	11.9	13	8.9	7	3.0	0	25.3	7	17.3	11	5.6	4	11.7	0	67.8	
1515	Strathroy Middlesex General Hospital	South West	Southwest	50	10.2	5	9.4	5	0.9	0	8.6	53	10.4	5	7.6	5	2.8	0	26.8	
1696	Alexandra Hospital	South West	Southwest	20	10.1	7	7.1	4.5	3.0	0	29.7	17	5.8	3	4.8	3	1.0	0	17.3	
1709	Tillsonburg District Memorial Hospital	South West	Southwest	53	8.9	4	6.6	4	2.3	0	25.7	48	13.0	5.5	8.9	5	4.1	0	31.3	
1716	Woodstock General Hospital Trust	South West	Southwest	65	9.1	6	5.5	4	3.7	0	40.0	61	9.5	7	6.7	5	2.8	0	29.2	
1740	Listowel Memorial Hospital	South West	Southwest	21	8.8	7	8.0	7	0.8	0	8.7	24	4.1	2.5	4.1	2.5	0.0	0	0.0	
1748	St. Marys Memorial Hospital	South West	Southwest	12	8.1	7	6.7	7	1.4	0	17.5	11	8.2	9	6.1	3	2.1	0	25.6	
1754	Stratford General Hospital	South West	Southwest	102	5.1	4	4.4	3	0.7	0	13.6	103	4.0	2	3.2	2	0.8	0	19.3	
3850	London Health Sciences Centre (University)	South West	Southwest	608	11.2	5	9.2	5	2.0	0	18.0	599	12.1	5	9.0	5	3.0	0	25.1	
3907	South Bruce Grey Health Centre (Kincardine)	South West	Southwest	13	9.6	5	6.6	5	3.0	0	31.2	30	6.0	4	5.5	4	0.5	0	8.9	
3944	Grey Bruce Health Services (Owen Sound)	South West	Southwest	104	6.9	4	6.1	4	0.8	0	12.2	100	4.8	4	4.8	4	0.0	0	0.2	
4025	Grey Bruce Health Services (Markdale)	South West	Southwest	14	6.9	4.5	6.4	4.5	0.5	0	7.2	12	5.8	5.5	5.8	5.5	0.0	0	0.0	
4027	Grey Bruce Health Services (Meaford)	South West	Southwest	20	9.8	3.5	5.3	3.5	4.5	0	45.9	18	6.6	3	5.5	3	1.1	0	16.1	
4030	Grey Bruce Health Services (Southampton)	South West	Southwest	18	4.7	3.5	4.2	3.5	0.5	0	10.7	10	8.6	4.5	5.1	4.5	3.5	0	40.7	
4033	Grey Bruce Health Services (Warton)	South West	Southwest	10	8.0	3	5.5	3	2.5	0	31.3	10	18.2	8	9.5	8	8.7	0	47.8	
4036	South Bruce Grey Health Centre (Durham)	South West	Southwest	16	5.4	3	5.4	3	-	0	0.0	8	16.4	3	5.8	3	10.6	0	64.9	
4039	South Bruce Grey Health Centre (Walkerton)	South West	Southwest	16	8.8	4	5.6	4	3.1	0	35.7	28	10.5	7.5	8.7	7.5	1.8	0	17.1	
4042	South Bruce Grey Health Centre (Chesley)	South West	Southwest	7	2.1	2	2.1	2	-	0	0.0	16	6.8	2	4.7	2	2.1	0	31.2	
1905	Cambridge Memorial Hospital	Waterloo Wellington	Central South	95	8.1	5	5.8	4	2.3	0	28.8	118	10.7	6	7.5	5	3.2	0	29.8	
1921	St. Mary's General Hospital	Waterloo Wellington	Central South	20	12.7	3	4.5	3	8.2	0	64.6	33	9.8	4	4.2	4	5.5	0	56.5	
1936	Groves Memorial Community Hospital	Waterloo Wellington	Central South	56	7.5	4.5	5.4	4	2.1	0	28.0	42	7.3	4	5.6	4	1.7	0	23.6	
1946	Guelph General Hospital	Waterloo Wellington	Central South	147	11.7	4	5.5	3	6.2	0	53.0	140	7.2	5	5.3	4	1.9	0	25.9	
3734	Grand River Hospital Corporation (Waterloo)	Waterloo Wellington	Central South	383	8.9	5	6.3	4	2.6	0	29.6	398	9.0	5	6.0	4	3.0	0	33.4	
4323	North Wellington Health Care (Mount Forest)	Waterloo Wellington	Central South	15	12.7	5	7.1	5	5.6	0	44.0	18	4.9	4	4.8	4	0.1	0	2.2	
4326	North Wellington Health Care (Palmerston)	Waterloo Wellington	Central South	10	5.5	5	4.7	4.5	0.8	0	14.5	12	8.9	5	5.9	5	3.0	0	33.6	
1146	Haldimand War Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	20	17.4	5.5	11.1	5.5	6.4	0	36.5	14	17.9	5.5	10.4	5.5	7.5	0	41.8	
1149	West Haldimand General Hospital	Hamilton Niagara Haldimand Brant	Central South	17	11.1	10	10.5	10	0.5	0	4.8	11	12.4	4	11.6	4	0.7	0	5.9	
1160	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	205	8.8	5	7.0	5	1.8	0	19.9	204	8.8	6	6.6	5	2.2	0	25.1	
1538	West Lincoln Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	22	7.9	5.5	7.6	5	0.3	0	3.4	39	10.6	4	7.8	4	2.8	0	26.2	
1591	Norfolk General Hospital	Hamilton Niagara Haldimand Brant	Central South	72	13.4	4.5	9.8	4.5	3.6	0	27.0	56	11.0	7.5	7.0	7	4.0	0	36.6	
1982	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	570	14.0	8	10.3	7	3.7	0	26.7	587	14.5	8	12.1	8	2.4	0	16.6	
1983	Hamilton Health Sciences Corp (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	127	16.8	7	7.8	6	9.0	0	53.8	125	8.3	4	6.4	4	1.9	0	22.6	
1994	Hamilton Health Sciences Corp (McMaster)	Hamilton Niagara Haldimand Brant	Central South	85	14.4	6	8.0	6	6.4	0	44.6	**	4.3	3	4.3	3	0.0	0	0.0	
2003	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	144	17.8	5	7.0	5	10.7	0	60.4	129	19.9	7	9.1	6	10.8	0	54.2	
4210	Niagara Health System (Fort Erie Douglas)	Hamilton Niagara Haldimand Brant	Central South	**	5.0	5	5.0	5	0	0.0	-	-	-	-	-	-	-	-	-	
4213	Niagara Health System (Greater Niagara)	Hamilton Niagara Haldimand Brant	Central South	239	9.3	7	6.4	5	2.9	0	30.9	204	11.5	8	8.8	7	2.7	0	23.7	
4216	Niagara Health System (Niagara-on-the-Lake)	Hamilton Niagara Haldimand Brant	Central South	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4219	Niagara Health System (Port Colborne)	Hamilton Niagara Haldimand Brant	Central South	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4224	Niagara Health System (St. Catharines)	Hamilton Niagara Haldimand Brant	Central South	194	8.2	6	5.8	4	2.5	0	29.8	146	9.5	5	6.6	4	2.9	0	30.0	

EXHIBIT 4.4S-1 continued

Group/Subgroup				2010/11								2011/12								
				No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)	No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)	
					Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)			Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)		
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region																	
4227	Niagara Health System (Welland County)	Hamilton Niagara Haldimand Brant	Central South	80	9.1	7	5.6	5	3.6	0.5	39.2	100	11.6	6	6.3	4.5	5.2	0	45.4	
4627	Niagara Health System (Ontario Street)	Hamilton Niagara Haldimand Brant	Central South	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4675	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	232	9.7	4	4.9	3	4.8	0	49.5	227	6.8	4	4.4	3	2.4	0	35.0	
3684	Headwaters Health Care Centre (Dufferin)	Central West	West GTA	98	5.8	5	5.0	4	0.9	0	15.1	81	6.3	4	5.1	4	1.2	0	19.6	
3929	William Osler Health System (Etobicoke)	Central West	West GTA	230	11.4	7	8.3	6	3.1	0	27.6	219	12.1	8	8.0	5	4.1	0	34.1	
4016	William Osler Health System (Brampton)	Central West	West GTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4681	William Osler Health System (Civic)	Central West	West GTA	288	8.8	5	5.7	4	3.1	0	35.7	296	9.8	6	7.2	5	2.6	0	26.5	
3286	Credit Valley Hospital	Mississauga Halton	West GTA	199	16.4	7	9.7	6	6.7	0	40.7	249	13.1	7	10.1	6	3.0	0	22.8	
3917	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	664	12.2	7	9.3	6	2.9	0	23.4	593	12.7	7	10.1	7	2.7	0	20.9	
3926	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	179	10.0	7	9.5	7	0.5	0	5.0	157	8.0	6	7.0	5	0.9	0	11.5	
4019	William Osler Health Centre (Georgetown)	Mississauga Halton	West GTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4022	Halton Healthcare Services Corp (Milton)	Mississauga Halton	West GTA	55	6.9	6	6.0	5	0.9	0	13.2	47	6.6	5	6.4	5	0.2	0	3.5	
4622	Halton Healthcare Services Corp (Georgetown)	Mississauga Halton	West GTA	56	4.9	4	4.3	4	0.7	0	13.8	53	6.3	5	5.7	5	0.6	0	10.1	
1302	Toronto East General Hospital	Toronto Central	Toronto - Southeast	171	12.8	8	7.6	5	5.2	0	40.5	152	15.8	10	9.6	7	6.2	0	39.3	
1406	Hospital for Sick Children	Toronto Central	Toronto - West	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	
1423	Mount Sinai Hospital	Toronto Central	Toronto - West	94	23.6	7	9.9	7	13.7	0	58.1	103	7.0	5	6.1	5	0.9	0	13.3	
1443	St. Joseph's Health Centre	Toronto Central	Toronto - West	187	14.7	9	9.9	6	4.8	0	32.8	214	14.0	8	8.6	6	5.4	0	38.4	
1444	St. Michael's Hospital	Toronto Central	Toronto - Southeast	366	11.9	7	10.6	7	1.4	0	11.6	355	12.3	9	10.5	8	1.8	0	14.2	
3910	University Health Network	Toronto Central	Toronto - West	618	14.6	7	10.4	6	4.2	0	28.7	590	12.9	7	9.8	6	3.1	0	24.1	
3936	Sunnybrook Health Sciences Centre	Toronto Central	Toronto - North & East	514	12.4	6	9.3	5.5	3.1	0	24.7	498	11.9	6	9.7	6	2.2	0	18.7	
1330	North York General Hospital	Central	Toronto - North & East	329	13.8	6	7.7	5	6.1	0	44.3	350	12.0	6	7.7	5	4.3	0	35.7	
1343	Humber River Regional Hospital (York-Finch)	Central	Toronto - West	165	22.9	10	14.2	7	8.7	0	38.0	159	25.7	8	15.5	7	10.1	0	39.5	
1817	Stevenson Memorial Hospital, Alliston	Central	Central East	34	7.8	4	5.8	3	2.0	0	25.3	54	9.5	3.5	6.7	3	2.9	0	30.1	
2038	Southlake Regional Health Centre	Central	Central East	210	10.0	7	7.4	6	2.5	0	25.3	208	9.2	6	6.2	5	3.0	0	32.8	
2046	Mackenzie Health	Central	Central East	286	12.8	7	9.6	6.5	3.2	0	25.0	274	10.9	7	8.2	6	2.7	0	24.4	
3587	Markham Stouffville Hospital	Central	Central East	120	14.1	6	7.1	5	7.0	0	49.6	136	11.1	6	6.8	4.5	4.3	0	39.1	
3883	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	196	28.0	12	15.7	10	12.3	0	43.9	143	19.8	9	12.7	7	7.1	0	35.8	
4465	Markham Stouffville Hospital (Uxbridge)	Central	Central East	21	5.9	3	4.6	3	1.2	0	21.1	23	7.2	3	4.0	3	3.3	0	45.2	
1597	Campbellford Memorial Hospital	Central East	Central East	38	12.2	5	8.6	5	3.6	0	29.4	20	5.1	4.5	5.1	4.5	0.0	0	0.0	
1768	Peterborough Regional Health Centre	Central East	Central East	199	9.3	6	7.4	6	1.8	0	19.8	204	8.6	6	6.7	6	2.0	0	22.7	
1893	Ross Memorial Hospital	Central East	Central East	81	10.3	6	6.6	5	3.7	0	36.1	77	9.9	6	8.0	5	1.8	0	18.4	
3737	Haliburton Highlands Health Services Corp (Haliburton)	Central East	Central East	21	9.5	4	9.5	4	-	0	0.0	**	7.6	9	6.0	5	1.6	0	21.1	
3860	Northumberland Hills Hospital	Central East	Central East	75	10.1	5	6.1	4	4.0	0	39.9	88	5.4	4	5.0	4	0.3	0	6.4	
3932	Lakeridge Health Corporation (Oshawa)	Central East	Central East	271	7.9	5	6.4	5	1.5	0	19.2	300	8.6	5	6.8	5	1.8	0	20.6	
3943	Rouge Valley Health System (Centenary)	Central East	Toronto - Southeast	190	10.8	7	7.6	5	3.2	0	29.8	165	9.5	6	7.8	6	1.7	0	18.1	
4005	Lakeridge Health Corporation (Port Perry)	Central East	Central East	24	8.3	3	4.3	3	3.9	0	47.5	22	7.5	4	5.6	4	1.9	0	25.6	
4008	Lakeridge Health Corporation (Bowmanville)	Central East	Central East	52	4.8	3	4.4	3	0.4	0	7.3	45	7.7	2	4.4	2	3.3	0	42.6	
4014	Rouge Valley Health System (Ajax)	Central East	Toronto - Southeast	109	14.6	8	9.2	6	5.4	0	36.9	120	14.0	9	9.9	7	4.1	0	29.5	
4152	Scarborough Hospital (General)	Central East	Toronto - North & East	205	17.2	5	8.7	5	8.5	0	49.2	167	11.6	6	8.6	6	3.0	0	26.0	
4154	Scarborough Hospital (Grace)	Central East	Toronto - North & East	193	14.6	6	10.2	6	4.4	0	30.1	164	14.0	6	10.3	6	3.7	0	26.5	
1097	Hotel Dieu Hospital (Kingston)	South East	South East	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1100	Kingston General Hospital	South East	South East	305	17.0	8	10.1	7	6.9	0	40.6	280	16.2	8	12.9	8	3.3	0	20.5	
1269	Perth & Smiths Falls District Hospital (Smiths Falls)	South East	South East	25	23.8	13	18.1	9	5.7	0	23.9	13	14.4	7	11.1	7	3.3	0	23.0	
1273	Brockville General Hospital	South East	South East	92	8.9	6	7.9	5	1.0	0	11.2	103	6.9	5	5.5	4	1.4	0	19.9	
1295	Lennox & Addington County General Hospital	South East	South East	22	8.5	6	7.6	6	0.9	0	10.7	24	9.5	5	9.1	5	0.4	0	4.0	
3732	Perth & Smiths Falls District Hospital (Perth)	South East	South East	26	10.5	3	7.1	3	3.5	0	32.8	33	9.0	4	7.3	4	1.7	0	18.5	
3988	Quinte Healthcare Corporation (Belleville)	South East	South East	132	7.0	5	4.9	4	2.2	0	30.8	174	6.1	5	4.7	4	1.4	0	22.3	
3991	Quinte Healthcare Corporation (Bancroft)	South East	South East	**	9.3	6	9.3	6	-	0	0.0	9	5.7	2	5.7	2	0.0	0	0.0	
3992	Quinte Healthcare Corporation (Picton)	South East	South East	25	4.9	3	3.8	2	1.1	0	22.8	24	7.7	7	6.8	5	0.9	0	11.9	
3994	Quinte Healthcare Corporation (Trenton)	South East	South East	43	8.2	6	5.1	4	3.1	0	37.9	18	9.7	5	5.7	3.5	4.1	0	41.7	
1254	Almonte General Hospital	Champlain	Champlain	6	18.5	14	18.5	14	-	0	0.0	7	23.7	22	18.0	21	5.7	0	24.1	
1256	Carleton Place & District Memorial Hospital	Champlain	Champlain	6	3.8	4.5	3.8	4.5	-	0	0.0	11	20.0	14	12.0	11	8.0	0	40.0	

EXHIBIT 4.4S-1 continued

Group/Subgroup				2010/11								2011/12								
				No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)	No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)	
					Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)			Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)		
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region																	
1284	Kemptville District Hospital	Champlain	Champlain	**	1.8	2	1.8	2	-	0	0.0	**	4.0	4	4.0	4	0.0	0	0.0	
1661	Hôpital Montfort	Champlain	Champlain	93	13.8	6	7.6	5	6.1	0	44.6	100	14.0	8	10.0	7.5	4.0	0	28.4	
1681	Queensway-Carleton Hospital	Champlain	Champlain	108	14.5	6	6.9	5	7.7	0	52.7	120	11.5	6.5	6.9	5	4.6	0	40.0	
1777	Hawkesbury & District General Hospital	Champlain	Champlain	43	9.4	7	8.7	7	0.6	0	6.7	33	7.5	4	6.4	4	1.1	0	14.9	
1799	Arnprior & District Memorial Hospital	Champlain	Champlain	14	26.4	10.5	10.0	9	16.4	0	62.2	6	4.7	4	4.7	4	0.0	0	0.0	
1801	St. Francis Memorial Hospital	Champlain	Champlain	9	9.6	5	6.4	5	3.1	0	32.6	**	18.3	13.5	13.8	13.5	4.5	0	24.7	
1803	Deep River & District Hospital	Champlain	Champlain	**	37.7	8	10.3	8	27.3	0	72.6	**	6.7	3	6.7	3	0.0	0	0.0	
1804	Pembroke Regional Hospital Inc.	Champlain	Champlain	159	9.8	4	6.9	4	2.9	0	29.5	153	8.3	4	6.5	4	1.7	0	21.0	
1813	Renfrew Victoria Hospital	Champlain	Champlain	12	13.2	8.5	10.6	6	2.6	0	19.6	13	9.9	10	9.5	10	0.3	0	3.1	
1870	Glengarry Memorial Hospital	Champlain	Champlain	15	7.9	6	6.7	6	1.2	0	15.1	10	9.0	5.5	6.5	5.5	2.5	0	27.8	
1885	Winchester District Memorial Hospital	Champlain	Champlain	21	10.6	5	6.6	5	4.0	0	37.7	19	18.5	8	10.7	8	7.8	0	42.2	
4046	Ottawa Hospital (Civic)	Champlain	Champlain	581	14.8	8	10.7	7	4.1	0	27.5	599	15.6	9	11.7	8	3.9	0	24.8	
4048	Ottawa Hospital (General)	Champlain	Champlain	99	26.0	10	12.5	10	13.5	0	52.0	106	17.7	10	12.9	10	4.7	0	26.8	
4164	University of Ottawa Heart Institute	Champlain	Champlain	6	4.8	3.5	4.8	3.5	-	0	0.0	7	10.0	9	10.0	9	0.0	0	0.0	
4451	Cornwall Community Hospital	Champlain	Champlain	90	14.5	6.5	6.3	5	8.3	0	56.8	106	13.1	8	6.6	5	6.4	0	49.2	
1825	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	227	7.8	4	6.2	4	1.6	0	20.6	258	7.0	4	5.9	4	1.1	0	16.1	
1833	Collingwood General & Marine Hospital	North Simcoe Muskoka	Central East	74	11.0	4	6.2	4	4.8	0	43.3	76	10.3	5	5.9	4	4.5	0	43.0	
1844	Georgian Bay General Hospital (Midland)	North Simcoe Muskoka	Central East	102	6.7	4	4.1	3	2.6	0	38.3	97	6.1	4	4.0	3	2.1	0	34.7	
1853	Orillia Soldiers' Memorial Hospital	North Simcoe Muskoka	Central East	102	15.1	7	7.9	5	7.2	0	47.8	104	7.1	5	5.4	4	1.7	0	24.3	
4616	Muskoka Algonquin Healthcare (Huntsville)	North Simcoe Muskoka	Central East	48	11.4	3	6.5	3	5.0	0	43.4	50	13.9	3.5	6.0	3	8.0	0	57.2	
4619	Muskoka Algonquin Healthcare (Bracebridge)	North Simcoe Muskoka	Central East	76	11.5	5	9.3	5	2.2	0	19.0	63	7.3	4	6.6	4	0.7	0	9.0	
2057	Blind River District Health Centre/Pavillon Santé	North East	Northeast	6	37.3	33	21.8	13.5	15.5	0	41.5	9	19.8	7	19.0	7	0.8	0	3.9	
2058	St. Joseph's General Hospital	North East	Northeast	40	11.2	5	6.8	4	4.5	0	39.9	38	13.7	7	10.8	6	2.8	0	20.8	
2061	Hornepayne Community Hospital	North East	Northeast	**	3.3	3	3.3	3	-	0	0.0	**	2.4	2	2.4	2	0.0	0	0.0	
2076	Lady Dunn Health Centre	North East	Northeast	6	15.5	3	15.5	3	-	0	0.0	**	103.7	4	2.3	2	101.3	0	97.7	
2078	Lady Minto Hospital	North East	Northeast	7	14.9	9	9.7	9	5.1	0	34.6	8	5.9	3	3.5	3	2.4	0	40.4	
2082	Hôpital Notre-Dame Hospital (Hearst)	North East	Northeast	8	52.6	10.5	46.0	10.5	6.6	0	12.6	14	6.4	3.5	6.4	3.5	0.0	0	0.0	
2084	Anson General Hospital	North East	Northeast	**	11.8	15	11.6	15	0.2	0	1.7	**	7.5	8.5	7.5	8.5	0.0	0	0.0	
2088	Sensenbrenner Hospital	North East	Northeast	19	25.1	8	11.1	8	14.0	0	55.9	18	12.8	5.5	9.7	5.5	3.2	0	24.7	
2090	Bingham Memorial Hospital	North East	Northeast	9	3.3	3	3.3	3	-	0	0.0	**	18.0	11	18.0	11	0.0	0	0.0	
2094	Smooth Rock Falls Hospital	North East	Northeast	6	36.3	3.5	10.8	3.5	25.5	0	70.2	**	2.0	2	2.0	2	0.0	0	0.0	
2121	Manitoulin Health Centre (Little Current)	North East	Northeast	11	14.9	8	7.8	7	7.1	0	47.6	15	14.9	4	10.1	4	4.7	0	31.8	
2123	Manitoulin Health Centre (Mindemoya)	North East	Northeast	14	3.2	1	3.2	1	-	0	0.0	11	4.1	2	4.1	2	0.0	0	0.0	
2126	Mattawa General Hospital	North East	Northeast	7	13.9	5	13.9	5	-	0	0.0	12	39.8	3.5	9.4	3.5	30.3	0	76.3	
2173	Services de santé de Chapleau Health Services	North East	Northeast	**	21.5	21.5	21.5	21.5	-	0	0.0	**	159.0	159	159	159	0.0	0	0.0	
2174	Espanola General Hospital	North East	Northeast	21	6.5	6	6.5	6	-	0	0.0	17	61.7	4	7.9	4	53.8	0	87.1	
2204	Englehart & District Hospital	North East	Northeast	6	84.2	24.5	26.7	16	57.5	0	68.3	12	50.3	4.5	25.8	4.5	24.4	0	48.6	
2207	Temiskaming Hospital	North East	Northeast	27	5.7	3	5.6	3	0.1	0	1.3	25	7.0	3	7.0	3	0.0	0	0.0	
2211	Kirkland & District Hospital	North East	Northeast	20	10.0	6.5	9.6	6.5	0.4	0	4.0	20	6.7	3.5	5.6	3.5	1.1	0	15.8	
2812	West Nipissing General Hospital	North East	Northeast	19	11.3	7	6.0	6	5.3	0	47.0	26	10.5	7	5.1	4	5.4	0	51.6	
3414	Timmins & District General Hospital	North East	Northeast	77	4.4	3	3.7	3	0.7	0	16.1	85	4.8	3	3.5	3	1.3	0	26.5	
3729	West Parry Sound Health Centre	North East	Northeast	36	8.2	4	6.3	4	1.9	0	23.7	57	11.6	4	8.5	4	3.1	0	26.9	
4059	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	305	13.1	6	7.8	5	5.3	0	40.6	312	13.0	6	8.4	6	4.6	0	35.5	
4407	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	187	10.7	4	6.2	4	4.5	0	42.1	209	7.0	4	4.7	4	2.3	0	33.0	
4698	Weeneebayko Area Health Authority (Moose Factory)	North East	Northeast	7	7.6	3	7.6	3	-	0	0.0	**	2.0	2	2	2	0.0	0	0.0	
4702	Weeneebayko Area Health Authority (Attawapiskat)	North East	Northeast	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	
4730	North Bay Regional Health Centre	North East	Northeast	161	8.2	4	5.4	4	2.8	0	34.2	158	7.4	4	5.3	4	2.1	0	28.2	
2103	Dryden Regional Health Centre	North West	Northeast	19	22.3	4	5.7	3	16.5	0	74.2	9	2.9	2	2.7	2	0.2	0	7.7	
2110	Lake-of-the-Woods District Hospital	North West	Northwest	32	18.6	7	6.3	6	12.3	0	66.1	39	12.2	6	7.0	4	5.2	0	42.6	
2115	Red Lake Margaret Cochenour Memorial Hospital	North West	Northwest	7	2.3	1	2.3	1	-	0	0.0	**	10.3	3	10.3	3	0.0	0	0.0	
2147	Atikokan General Hospital	North West	Northwest	8	2.1	1	2.1	1	-	0	0.0	7	4.4	2	4.4	2	0.0	0	0.0	

EXHIBIT 4.4S-1 continued

Group/Subgroup				2010/11								2011/12								
				No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)	No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)	
					Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)			Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)		
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region																	
2148	Riverside Health Care Facility (Emo)	North West	Northwest	-	-	-	-	-	-	-	-	**	1.0	1	1.0	1	0.0	0	0.0	
2150	Riverside Health Care Facility (La Vérendrye)	North West	Northwest	23	12.7	5	8.1	5	4.7	0	36.5	21	5.6	2	4.2	2	1.4	0	24.6	
2153	Riverside Health Care Facility (Rainy River)	North West	Northwest	7	3.0	2	3.0	2	-	0	0.0	**	13.6	10	7.8	10	5.8	0	42.6	
2175	Geraldton District Hospital	North West	Northwest	**	2.7	3	2.7	3	-	0	0.0	**	43.0	43	43.0	43	0.0	0	0.0	
2176	Manitouwadge General Hospital	North West	Northwest	**	1.0	1	1.0	1	-	0	0.0	-	-	-	-	-	-	-	-	
2177	Wilson Memorial General Hospital	North West	Northwest	**	122.0	122	8.0	8	114.0	114	93.4	**	1.5	1.5	1.5	1.5	0.0	0	0.0	
2178	Nipigon District Memorial Hospital	North West	Northwest	7	7.6	1	7.6	1	-	0	0.0	6	68.2	16.5	9.3	9	58.8	0	86.3	
2180	McCausland Hospital	North West	Northwest	**	110.5	7	4.8	4	105.8	0	95.7	**	5.6	5	5.6	5	0.0	0	0.0	
3853	Thunder Bay Regional Health Sciences Centre	North West	Northwest	318	10.8	8	7.7	6	3.1	0	28.4	331	8.5	6	6.4	5	2.1	0	24.6	
4353	Sioux Lookout Meno Ya Win Health Centre (District)	North West	Northwest	6	2.0	1.5	2.0	1.5	-	0	0.0	**	6.8	3	5.3	3	1.5	0	22.2	
4356	Sioux Lookout Meno Ya Win Health Centre (Zone)	North West	Northwest	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Data source: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD), 2003/04–2011/12.

Inclusion criteria: All stroke and transient ischemic attack patients aged >18 years admitted to an acute care facility in Ontario for stroke management.

Exclusion criteria: Patients with elective admissions.

1 Based on unique patients (i.e., does not include multiple patient-visits).

2 A patient is designated Alternate Level of Care (ALC) by a physician or his/her delegate when the patient is occupying a bed in a hospital and does not require the intensity of resources/services provided in the current care setting (acute, complex continuing care, mental health or rehabilitation). The ALC wait period starts at the time of designation and ends at the time of discharge/transfer to a discharge destination (or when the patient's needs or condition changes and the ALC designation no longer applies). The standardized provincial ALC definition was implemented across all acute care facilities in Ontario on July 1, 2009.

** Cell value suppressed for reasons of privacy and confidentiality.

Notes:

(1) Facility-based analysis (i.e., the location of the facility is used to report regional performance).

(2) Cells in which there were no reported/available data are marked with a hyphen (-).

EXHIBIT 4.4S-2 Inpatient length of stay among adults for all strokes/TIA and for ischemic stroke, in Ontario and by Ontario Stroke System region, Ontario Stroke System designation and Local Health Integration Network, 2003/04 and 2009/10–2011/12

Group/Subgroup	2003/04						2009/10						2010/11						2011/12					
	All			Ischemic			All			Ischemic			All			Ischemic			All			Ischemic		
	No. of patients ¹	Length of stay		No. of patients ¹	Length of stay		No. of patients ¹	Length of stay		No. of patients ¹	Length of stay		No. of patients ¹	Length of stay		No. of patients ¹	Length of stay		No. of patients ¹	Length of stay		No. of patients ¹	Length of stay	
		Mean (days)	Median (days)		Mean (days)	Median (days)		Mean (days)	Median (days)		Mean (days)	Median (days)		Mean (days)	Median (days)		Mean (days)	Median (days)		Mean (days)	Median (days)		Mean (days)	Median (days)
Ontario	15,731	12.5	7	10,786	14.2	8	15,347	12.6	6	10,308	14.3	7	15,524	12.1	6	10,499	13.3	7	15,224	11.3	6	10,279	12.4	7
Ontario Stroke System Region																								
Central East	2,182	11.9	6	1,539	13.8	8	2,068	12.4	7	1,460	14.2	8	2,061	10.1	5	1,450	11.4	6	2,104	8.7	5	1,475	9.6	6
Central South	2,824	12.8	7	1,882	15.5	8	2,687	12.0	6	1,757	13.9	7	2,735	11.3	6	1,794	12.7	7	2,606	10.9	6	1,720	12.2	7
Champlain	1,265	13.3	7	846	14.9	9	1,221	17.5	8	872	18.7	8	1,269	14.6	7	853	16.3	8	1,299	13.9	8	894	15.2	9
Northeast	1,054	12.7	6	655	15.6	8	1,033	12.7	5	627	15.9	7	1,010	11.5	5	618	14.5	6	1,066	11.6	5	643	14.2	6
Northwest	400	10.9	6	241	13.0	8	442	9.8	7	275	11.6	9	436	12.5	7	281	15.2	9	435	9.4	5	288	11.6	7
South East	756	12.4	6	504	14.2	8	624	14.2	6	431	16.5	7	673	12.6	6	477	13.0	7	678	11.0	6	478	11.7	7
Southwest	2,491	9.5	6	1,759	10.1	7	2,362	10.3	6	1,644	11.3	7	2,234	10.0	5	1,548	11.0	6	2,161	10.1	5	1,487	10.8	6
Toronto – North & East	1,029	14.2	8	749	15.6	9	1,118	12.5	6	747	13.9	8	1,241	13.9	6	869	15.3	7	1,179	12.2	6	836	13.0	7
Toronto – Southeast	865	13.7	8	612	15.2	9	849	13.2	8	531	14.6	8	836	12.2	7	545	12.7	8	792	12.6	8	494	12.5	9
Toronto – West	1,288	17.4	9	890	18.2	10	1,235	15.5	7	786	17.8	9	1,260	18.4	8	820	18.3	9	1,209	15.1	7	796	17.0	8
West GTA	1,577	12.0	7	1,109	13.0	8	1,708	11.1	6	1,178	12.4	7	1,769	11.0	6	1,244	11.6	7	1,695	11.1	7	1,168	11.8	7
Ontario Stroke System Designation																								
Regional stroke centre	4,009	14.3	7	2,502	15.4	8	4,883	13.8	7	2,990	15.1	8	5,076	12.9	7	3,181	13.1	7	5,002	12.7	7	3,194	12.8	7
District stroke centre	2,925	10.6	6	2,057	12.0	7	3,215	10.8	6	2,238	12.5	7	3,283	9.5	5	2,266	10.5	6	3,302	8.8	5	2,287	9.7	6
Non-designated	8,797	12.4	7	6,227	14.4	9	7,249	12.5	6	5,080	14.6	8	7,165	12.8	6	5,052	14.6	7	6,920	11.5	6	4,798	13.4	7
Local Health Integration Network																								
1. Erie St. Clair	1,092	8.5	6	793	9.0	6	992	9.1	6	705	9.9	7	893	11.3	7	641	12.2	7	836	11.0	6	605	11.5	7
2. South West	1,399	10.3	6	966	10.9	7	1,370	11.1	5	939	12.4	6	1,341	9.2	5	907	10.1	6	1,325	9.5	4	882	10.4	5
3. Waterloo Wellington	721	11.5	6	518	13.6	7	709	10.3	5	493	12.4	7	726	9.4	5	501	10.2	7	761	8.8	5	522	9.7	6
4. Hamilton Niagara Haldimand Brant	2,103	13.3	7	1,364	16.2	9	1,978	12.6	6	1,264	14.5	7	2,009	12.0	6	1,293	13.6	7	1,845	11.8	6	1,198	13.3	8
5. Central West	559	14.0	8	425	14.9	9	573	11.4	6	406	13.2	8	616	9.3	6	411	10.5	7	596	10.2	6	410	11.2	7
6. Mississauga Halton	1,018	11.0	6.5	684	11.8	7	1,135	11.0	6	772	11.9	7	1,153	12.0	7	833	12.2	7	1,099	11.6	7	758	12.1	7
7. Toronto Central	1,674	15.7	9	1,110	16.8	10	1,911	12.9	7	1,147	14.5	8	1,951	13.8	7	1,205	12.9	8	1,912	12.5	7	1,191	12.5	8
8. Central	1,345	15.8	9	1,001	17.0	10	1,271	14.4	7	892	16.2	9	1,340	16.0	7	968	18.0	9	1,324	13.6	7	947	15.6	8
9. Central East	1,643	11.7	7	1,228	12.9	8	1,467	13.0	6	1,057	14.7	8	1,479	11.4	6	1,099	12.7	7	1,400	9.9	5	1,038	10.8	6
10. South East	756	12.4	6	504	14.2	8	624	14.2	6	431	16.5	7	673	12.6	6	477	13.0	7	678	11.0	6	478	11.7	7
11. Champlain	1,265	13.3	7	846	14.9	9	1,221	17.5	8	872	18.7	8	1,269	14.6	7	853	16.3	8	1,299	13.9	8	894	15.2	9
12. North Simcoe Muskoka	702	11.1	5	451	14.9	8	621	12.7	6	428	14.7	8	629	9.9	5	412	11.5	5	648	7.8	4	425	9.0	6
13. North East	1,054	12.7	6	655	15.6	8	1,033	12.7	5	627	15.9	7	1,010	11.5	5	618	14.5	6	1,066	11.6	5	643	14.2	6
14. North West	400	10.9	6	241	13.0	8	442	9.8	7	275	11.6	9	436	12.5	7	281	15.2	9	435	9.4	5	288	11.6	7

Data source: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD), 2003/04–2011/12. ¹ Based on unique patients (i.e., does not include multiple patient-visits).

Inclusion criteria: All stroke and transient ischemic attack patients aged >18 years admitted to an acute care facility in Ontario for stroke management.

Exclusion criteria: Patients with elective admissions.

Notes:

(1) Facility-based analysis (i.e., the location of the facility is used to report regional performance).

(2) See Appendix E for a list of hospitals designated as regional and district stroke centres by the Ontario Stroke System.

EXHIBIT 4.55 Inpatient length of stay for adults with stroke or transient ischemic attack who had at least one Alternate Level of Care (ALC) day, in Ontario and by Ontario Stroke System region, 2009/10–2011/12

Group/Subgroup	2009/10								2010/11							
	No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)	No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)
		Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)			Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)	
Ontario	3,665	30.0	17	12.8	8	17.2	7	57.3	3,584	30.3	17	13.2	9	17.1	6	56.5
Ontario Stroke System Region																
Central East	614	26.0	14	12.0	8	14.1	6	54.0	421	26.8	17	12.3	9	14.5	6	54.2
Central South	743	26.5	14	9.7	7	16.8	7	63.4	732	25.8	15	10.5	8	15.3	6	59.3
Champlain	283	47.8	30	19.1	14	28.8	12	60.2	258	43.0	25.5	16.6	13	26.4	9	61.3
Northeast	201	40.1	17	13.7	8	26.4	7	65.8	190	35.9	15.5	13.0	8	22.9	7	63.8
Northwest	127	16.8	15	8.9	8	7.9	5	46.9	143	26.9	16	10.6	8	16.3	7	60.6
South East	131	42.6	20	13.2	9	29.4	6	69.1	150	32.2	15	12.9	8.5	19.3	6	59.9
Southwest	421	25.2	16	11.6	8	13.5	7	53.8	352	27.1	20	12.7	9	14.5	8	53.3
Toronto – North & East	234	32.8	18	15.1	10	17.8	6	54.1	286	37.1	18	15.6	10	21.5	6	58.0
Toronto – Southeast	214	28.0	17	12.7	9	15.3	7	54.7	220	24.5	16	12.7	8	11.8	6	48.1
Toronto – West	341	33.3	21	16.8	11	16.6	7	49.7	422	39.1	21.5	18.7	11.5	20.4	7	52.2
West GTA	356	26.6	16	13.1	7	13.5	6	50.9	410	23.6	14	11.2	7	12.5	5	52.8

Group/Subgroup	2011/12							
	No. of patients ¹	Total length of stay		Acute care length of stay		ALC ² length of stay		Proportion of ALC ² days to total length of stay (%)
		Mean (days)	Median (days)	Mean (days)	Median (days)	Mean (days)	Median (days)	
Ontario	3,323	27.3	16	13.2	9	14.1	6	51.6
Ontario Stroke System Region								
Central East	388	23.3	15	10.6	8	12.7	6	54.5
Central South	627	24.7	14	11.9	7	12.9	6	52.1
Champlain	273	33.2	21	14.7	11	18.6	8	55.9
Northeast	196	36.1	15.5	11.4	7	24.7	7	68.4
Northwest	113	19.7	11	8.1	6	11.6	4	58.8
South East	137	24.5	12	13.5	6	11.0	3	45.0
Southwest	347	29.0	19	14.4	10	14.7	7	50.5
Toronto – North & East	255	31.0	18	16.4	10	14.6	6	47.0
Toronto – Southeast	216	24.6	16	13.7	10	10.9	6	44.2
Toronto – West	403	30.8	19	16.7	10	14.2	6	45.9
West GTA	368	24.0	15	12.4	8	11.7	6	48.5

Data source: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD), 2009/10–2011/12.

Inclusion criteria: All stroke and transient ischemic attack patients aged >18 years admitted to an acute care facility in Ontario for stroke management with at least one Alternate Level of Care (ALC) day during admission for an index stroke/TIA event.

Exclusion criteria: Patients with elective admissions.

1 Based on unique patients (i.e., does not include multiple patient-visits).

2 A patient is designated ALC by a physician or his/her delegate when the patient is occupying a bed in a hospital and does not require the intensity of resources/services provided in the current care setting (acute, complex continuing care, mental health or rehabilitation). The ALC wait period starts at the time of designation and ends at the time of discharge/transfer to a discharge destination (or when the patient's needs or condition changes and the ALC designation no longer applies). The standardized provincial ALC definition was implemented across all acute care facilities in Ontario on July 1, 2009.

Note:

Facility-based analysis (i.e., the location of the facility is used to report regional performance).

EXHIBIT 4.6S Discharge destination of adult patients with stroke or transient ischemic attack following an acute care hospitalization, in Ontario and by Ontario Stroke System region and facility, 2003/04 and 2009/10–2011/12

Group/Subgroup	Year	Sample size	Acute care	Complex continuing care	Home with services	Home without services	Long-term care ²	Rehabilitation	Other ³			
		Patients ¹ , n (%)										
Ontario	2003/04	13,237	603 (4.6)	1,167 (8.8)	1,468 (11.1)	5,924 (44.8)	1,127 (8.5)	2,709 (20.5)	239 (1.8)			
	2009/10	13,309	838 (6.3)	970 (7.3)	1,905 (14.3)	5,460 (41.0)	935 (7.0)	3,020 (22.7)	181 (1.4)			
	2010/11	13,641	902 (6.6)	932 (6.8)	1,880 (13.8)	5,568 (40.8)	927 (6.8)	3,259 (23.9)	173 (1.3)			
	2011/12	13,539	862 (6.4)	897 (6.6)	1,882 (13.9)	5,539 (40.9)	867 (6.4)	3,307 (24.4)	185 (1.4)			
Ontario Stroke System Region												
Central East	2003/04	1,839 (13.9)	53 (2.9)	183 (10.0)	229 (12.5)	824 (44.8)	138 (7.5)	368 (20.0)	44 (2.4)			
	2009/10	1,811 (13.6)	104 (5.7)	132 (7.3)	279 (15.4)	654 (36.1)	109 (6.0)	503 (27.8)	30 (1.7)			
	2010/11	1,831 (13.4)	130 (7.1)	148 (8.1)	227 (12.4)	683 (37.3)	97 (5.3)	523 (28.6)	23 (1.3)			
	2011/12	1,884 (13.9)	124 (6.6)	126 (6.7)	255 (13.5)	684 (36.3)	125 (6.6)	547 (29.0)	23 (1.2)			
Central South	2003/04	2,345 (17.7)	95 (4.1)	249 (10.6)	248 (10.6)	1,020 (43.5)	225 (9.6)	476 (20.3)	32 (1.4)			
	2009/10	2,310 (17.4)	152 (6.6)	239 (10.3)	369 (16.0)	915 (39.6)	132 (5.7)	472 (20.4)	31 (1.3)			
	2010/11	2,415 (17.7)	148 (6.1)	246 (10.2)	343 (14.2)	966 (40.0)	148 (6.1)	534 (22.1)	30 (1.2)			
	2011/12	2,355 (17.4)	164 (7.0)	226 (9.6)	326 (13.8)	993 (42.2)	125 (5.3)	490 (20.8)	31 (1.3)			
Champlain	2003/04	1,051 (7.9)	57 (5.4)	38 (3.6)	112 (10.7)	501 (47.7)	101 (9.6)	219 (20.8)	23 (2.2)			
	2009/10	1,022 (7.7)	68 (6.7)	59 (5.8)	196 (19.2)	357 (34.9)	86 (8.4)	243 (23.8)	13 (1.3)			
	2010/11	1,097 (8.0)	77 (7.0)	71 (6.5)	147 (13.4)	440 (40.1)	87 (7.9)	255 (23.2)	20 (1.8)			
	2011/12	1,153 (8.5)	78 (6.8)	70 (6.1)	173 (15.0)	453 (39.3)	74 (6.4)	286 (24.8)	19 (1.6)			
Northeast	2003/04	908 (6.9)	67 (7.4)	50 (5.5)	96 (10.6)	517 (56.9)	69 (7.6)	90 (9.9)	19 (2.1)			
	2009/10	895 (6.7)	63 (7.0)	24 (2.7)	140 (15.6)	441 (49.3)	48 (5.4)	166 (18.5)	13 (1.5)			
	2010/11	890 (6.5)	73 (8.2)	37 (4.2)	111 (12.5)	434 (48.8)	48 (5.4)	166 (18.7)	21 (2.4)			
	2011/12	926 (6.8)	68 (7.3)	33 (3.6)	111 (12.0)	459 (49.6)	53 (5.7)	191 (20.6)	11 (1.2)			
Northwest	2003/04	332 (2.5)	24 (7.2)	67 (20.2)	38 (11.4)	172 (51.8)	9 (2.7)	18 (5.4)	**			
	2009/10	403 (3.0)	41 (10.2)	17 (4.2)	33 (8.2)	168 (41.7)	27 (6.7)	109 (27.0)	8 (2.0)			
	2010/11	388 (2.8)	41 (10.6)	22 (5.7)	45 (11.6)	169 (43.6)	15 (3.9)	88 (22.7)	8 (2.1)			
	2011/12	399 (2.9)	34 (8.5)	20 (5.0)	52 (13.0)	176 (44.1)	15 (3.8)	92 (23.1)	10 (2.5)			
South East	2003/04	612 (4.6)	37 (6.0)	37 (6.0)	80 (13.1)	308 (50.3)	32 (5.2)	106 (17.3)	12 (2.0)			
	2009/10	525 (3.9)	46 (8.8)	42 (8.0)	85 (16.2)	225 (42.9)	32 (6.1)	91 (17.3)	**			
	2010/11	560 (4.1)	52 (9.3)	48 (8.6)	111 (19.8)	207 (37.0)	32 (5.7)	102 (18.2)	8 (1.4)			
	2011/12	574 (4.2)	31 (5.4)	43 (7.5)	124 (21.6)	207 (36.1)	30 (5.2)	132 (23.0)	7 (1.2)			
Southwest	2003/04	2,143 (16.2)	139 (6.5)	207 (9.7)	248 (11.6)	860 (40.1)	166 (7.7)	492 (23.0)	31 (1.4)			
	2009/10	2,031 (15.3)	117 (5.8)	130 (6.4)	337 (16.6)	785 (38.7)	143 (7.0)	481 (23.7)	38 (1.9)			
	2010/11	1,939 (14.2)	88 (4.5)	92 (4.7)	334 (17.2)	753 (38.8)	117 (6.0)	535 (27.6)	20 (1.0)			
	2011/12	1,903 (14.1)	99 (5.2)	92 (4.8)	308 (16.2)	750 (39.4)	117 (6.1)	505 (26.5)	32 (1.7)			
Toronto – North & East	2003/04	832 (6.3)	18 (2.2)	35 (4.2)	105 (12.6)	373 (44.8)	83 (10.0)	200 (24.0)	18 (2.2)			
	2009/10	983 (7.4)	59 (6.0)	28 (2.8)	82 (8.3)	471 (47.9)	103 (10.5)	229 (23.3)	11 (1.1)			
	2010/11	1,123 (8.2)	66 (5.9)	37 (3.3)	115 (10.2)	527 (46.9)	113 (10.1)	252 (22.4)	13 (1.2)			
	2011/12	1,064 (7.9)	72 (6.8)	44 (4.1)	134 (12.6)	465 (43.7)	91 (8.6)	249 (23.4)	9 (0.8)			
Toronto – Southeast	2003/04	742 (5.6)	36 (4.9)	106 (14.3)	73 (9.8)	270 (36.4)	81 (10.9)	150 (20.2)	26 (3.5)			
	2009/10	754 (5.7)	53 (7.0)	92 (12.2)	58 (7.7)	315 (41.8)	53 (7.0)	178 (23.6)	**			
	2010/11	739 (5.4)	58 (7.8)	37 (5.0)	58 (7.8)	314 (42.5)	41 (5.5)	223 (30.2)	8 (1.1)			
	2011/12	721 (5.3)	47 (6.5)	51 (7.1)	46 (6.4)	313 (43.4)	39 (5.4)	215 (29.8)	10 (1.4)			
Toronto – West	2003/04	1,060 (8.0)	18 (1.7)	51 (4.8)	124 (11.7)	476 (44.9)	129 (12.2)	247 (23.3)	15 (1.4)			
	2009/10	1,074 (8.1)	46 (4.3)	71 (6.6)	165 (15.4)	458 (42.6)	118 (11.0)	194 (18.1)	22 (2.0)			
	2010/11	1,099 (8.1)	54 (4.9)	52 (4.7)	167 (15.2)	445 (40.5)	132 (12.0)	238 (21.7)	11 (1.0)			
	2011/12	1,083 (8.0)	49 (4.5)	79 (7.3)	148 (13.7)	441 (40.7)	109 (10.1)	244 (22.5)	13 (1.2)			
West GTA	2003/04	1,373 (10.4)	59 (4.3)	144 (10.5)	115 (8.4)	603 (43.9)	94 (6.8)	343 (25.0)	15 (1.1)			
	2009/10	1,501 (11.3)	89 (5.9)	136 (9.1)	161 (10.7)	671 (44.7)	84 (5.6)	354 (23.6)	6 (0.4)			
	2010/11	1,560 (11.4)	115 (7.4)	142 (9.1)	222 (14.2)	630 (40.4)	97 (6.2)	343 (22.0)	11 (0.7)			
	2011/12	1,477 (10.9)	96 (6.5)	113 (7.7)	205 (13.9)	598 (40.5)	89 (6.0)	356 (24.1)	20 (1.4)			
Institution No.	Institution (Site)	Local Health Integration Network		Ontario Stroke System Region								
1067	Leamington District Memorial Hospital	Erie St. Clair	Southwest	2003	65 (0.5)	**	**	6 (9.2)	27 (41.5)	**	21 (32.3)	-
1067	Leamington District Memorial Hospital	Erie St. Clair	Southwest	2009	41 (0.3)	**	**	10 (24.4)	12 (29.3)	10 (24.4)	**	**
1067	Leamington District Memorial Hospital	Erie St. Clair	Southwest	2010	47 (0.3)	**	**	14 (29.8)	25 (53.2)	**	**	-
1067	Leamington District Memorial Hospital	Erie St. Clair	Southwest	2011	47 (0.3)	-	7 (14.9)	17 (36.2)	16 (34.0)	**	**	**
1079	Windsor Regional Hospital (Metropolitan)	Erie St. Clair	Southwest	2003	192 (1.5)	**	12 (6.3)	42 (21.9)	64 (33.3)	26 (13.5)	38 (19.8)	7 (3.6)

EXHIBIT 4.6S continued

Group/Subgroup				Year	Sample size	Acute care	Complex continuing care	Home with services	Home without services	Long-term care ²	Rehabilitation	Other ³
Patients ¹ , n (%)												
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region									
1079	Windsor Regional Hospital (Metropolitan)	Erie St. Clair	Southwest	2009	154 (1.2)	**	21 (13.6)	32 (20.8)	49 (31.8)	13 (8.4)	37 (24.0)	**
1079	Windsor Regional Hospital (Metropolitan)	Erie St. Clair	Southwest	2010	108 (0.8)	**	9 (8.3)	23 (21.3)	44 (40.7)	9 (8.3)	16 (14.8)	**
1079	Windsor Regional Hospital (Metropolitan)	Erie St. Clair	Southwest	2011	95 (0.7)	**	7 (7.4)	13 (13.7)	36 (37.9)	**	28 (29.5)	**
1223	Public General Hospital Society of Chatham	Erie St. Clair	Southwest	2003	148 (1.1)	6 (4.1)	**	18 (12.2)	52 (35.1)	12 (8.1)	53 (35.8)	**
1223	Public General Hospital Society of Chatham	Erie St. Clair	Southwest	2009	201 (1.5)	**	18 (9.0)	22 (10.9)	85 (42.3)	6 (3.0)	66 (32.8)	-
1223	Public General Hospital Society of Chatham	Erie St. Clair	Southwest	2010	177 (1.3)	**	15 (8.5)	20 (11.3)	51 (28.8)	**	80 (45.2)	**
1223	Public General Hospital Society of Chatham	Erie St. Clair	Southwest	2011	168 (1.2)	**	19 (11.3)	28 (16.7)	50 (29.8)	9 (5.4)	59 (35.1)	**
1239	Sydenham District Hospital	Erie St. Clair	Southwest	2003	52 (0.4)	**	11 (21.2)	**	29 (55.8)	-	6 (11.5)	**
1239	Sydenham District Hospital	Erie St. Clair	Southwest	2009	6 (0.0)	-	**	**	-	-	**	-
1239	Sydenham District Hospital	Erie St. Clair	Southwest	2010	**	-	**	**	-	-	-	-
1239	Sydenham District Hospital	Erie St. Clair	Southwest	2011	**	-	-	-	**	-	-	-
3707	Hôtel-Dieu Grace Hospital (St. Joseph)	Erie St. Clair	Southwest	2003	329 (2.5)	8 (2.4)	**	45 (13.7)	108 (32.8)	21 (6.4)	132 (40.1)	10 (3.0)
3707	Hôtel-Dieu Grace Hospital (St. Joseph)	Erie St. Clair	Southwest	2009	307 (2.3)	6 (2.0)	12 (3.9)	63 (20.5)	125 (40.7)	10 (3.3)	86 (28.0)	**
3707	Hôtel-Dieu Grace Hospital (St. Joseph)	Erie St. Clair	Southwest	2010	299 (2.2)	6 (2.0)	17 (5.7)	48 (16.1)	103 (34.4)	16 (5.4)	107 (35.8)	**
3707	Hôtel-Dieu Grace Hospital (St. Joseph)	Erie St. Clair	Southwest	2011	275 (2.0)	7 (2.5)	18 (6.5)	45 (16.4)	83 (30.2)	20 (7.3)	101 (36.7)	**
4415	Bluewater Health (Sarnia)	Erie St. Clair	Southwest	2003	148 (1.1)	7 (4.7)	**	11 (7.4)	75 (50.7)	16 (10.8)	36 (24.3)	-
4415	Bluewater Health (Sarnia)	Erie St. Clair	Southwest	2009	138 (1.0)	7 (5.1)	16 (11.6)	**	54 (39.1)	**	51 (37.0)	**
4415	Bluewater Health (Sarnia)	Erie St. Clair	Southwest	2010	145 (1.1)	**	**	10 (6.9)	69 (47.6)	**	52 (35.9)	**
4415	Bluewater Health (Sarnia)	Erie St. Clair	Southwest	2011	158 (1.2)	7 (4.4)	6 (3.8)	**	68 (43.0)	**	59 (37.3)	9 (5.7)
4418	Bluewater Health (Petrolia)	Erie St. Clair	Southwest	2003	27 (0.2)	-	**	-	17 (63.0)	**	**	-
4418	Bluewater Health (Petrolia)	Erie St. Clair	Southwest	2009	14 (0.1)	-	**	**	11 (78.6)	**	-	-
4418	Bluewater Health (Petrolia)	Erie St. Clair	Southwest	2010	6 (0.0)	**	-	-	**	-	**	-
4418	Bluewater Health (Petrolia)	Erie St. Clair	Southwest	2011	14 (0.1)	**	-	**	8 (57.1)	**	**	-
1030	Grey Bruce Health Services (Lion's Head)	South West	Southwest	2003	11 (0.1)	**	-	**	**	**	-	-
1030	Grey Bruce Health Services (Lion's Head)	South West	Southwest	2009	**	-	-	**	-	**	-	-
1030	Grey Bruce Health Services (Lion's Head)	South West	Southwest	2010	**	-	-	-	-	-	**	-
1030	Grey Bruce Health Services (Lion's Head)	South West	Southwest	2011	-	-	-	-	-	-	-	-
1059	St. Thomas-Elgin General Hospital	South West	Southwest	2003	86 (0.6)	**	17 (19.8)	15 (17.4)	20 (23.3)	11 (12.8)	22 (25.6)	-
1059	St. Thomas-Elgin General Hospital	South West	Southwest	2009	68 (0.5)	-	7 (10.3)	22 (32.4)	21 (30.9)	**	13 (19.1)	**
1059	St. Thomas-Elgin General Hospital	South West	Southwest	2010	77 (0.6)	**	**	18 (23.4)	20 (26.0)	6 (7.8)	25 (32.5)	**
1059	St. Thomas-Elgin General Hospital	South West	Southwest	2011	73 (0.5)	**	**	20 (27.4)	30 (41.1)	**	17 (23.3)	**
1124	Hanover & District Hospital	South West	Southwest	2003	22 (0.2)	**	10 (45.5)	-	8 (36.4)	**	-	-
1124	Hanover & District Hospital	South West	Southwest	2009	23 (0.2)	**	-	**	16 (69.6)	**	**	-
1124	Hanover & District Hospital	South West	Southwest	2010	22 (0.2)	**	-	6 (27.3)	12 (54.5)	**	-	-
1124	Hanover & District Hospital	South West	Southwest	2011	12 (0.1)	**	-	**	6 (50.0)	**	-	-
1199	Clinton Public Hospital	South West	Southwest	2003	11 (0.1)	**	**	**	6 (54.5)	-	**	**
1199	Clinton Public Hospital	South West	Southwest	2009	11 (0.1)	**	**	**	**	-	**	-
1199	Clinton Public Hospital	South West	Southwest	2010	14 (0.1)	-	-	6 (42.9)	7 (50.0)	**	-	-
1199	Clinton Public Hospital	South West	Southwest	2011	9 (0.1)	**	-	**	**	-	-	-
1203	South Huron Hospital	South West	Southwest	2003	28 (0.2)	**	**	**	17 (60.7)	**	**	-
1203	South Huron Hospital	South West	Southwest	2009	11 (0.1)	**	**	**	6 (54.5)	-	**	-
1203	South Huron Hospital	South West	Southwest	2010	13 (0.1)	-	**	**	7 (53.8)	**	**	**
1203	South Huron Hospital	South West	Southwest	2011	10 (0.1)	**	-	**	**	-	**	-
1206	Alexandra Marine & General Hospital	South West	Southwest	2003	30 (0.2)	**	**	**	18 (60.0)	**	**	**
1206	Alexandra Marine & General Hospital	South West	Southwest	2009	26 (0.2)	**	-	**	12 (46.2)	**	**	-
1206	Alexandra Marine & General Hospital	South West	Southwest	2010	23 (0.2)	**	-	**	10 (43.5)	**	**	-
1206	Alexandra Marine & General Hospital	South West	Southwest	2011	25 (0.2)	**	-	**	10 (40.0)	**	**	**
1213	Seaforth Community Hospital	South West	Southwest	2003	12 (0.1)	-	6 (50.0)	**	**	-	-	-
1213	Seaforth Community Hospital	South West	Southwest	2009	10 (0.1)	-	**	**	**	-	-	-
1213	Seaforth Community Hospital	South West	Southwest	2010	**	-	**	**	-	-	-	-
1213	Seaforth Community Hospital	South West	Southwest	2011	7 (0.1)	-	**	**	**	-	-	-
1217	Wingham & District Hospital	South West	Southwest	2003	26 (0.2)	-	**	**	15 (57.7)	-	**	**
1217	Wingham & District Hospital	South West	Southwest	2009	26 (0.2)	**	**	8 (30.8)	9 (34.6)	**	**	**
1217	Wingham & District Hospital	South West	Southwest	2010	14 (0.1)	**	**	-	9 (64.3)	**	**	**

EXHIBIT 4.6S continued

Group/Subgroup				Year	Sample size	Acute care	Complex continuing care	Home with services	Home without services	Long-term care ²	Rehabilitation	Other ³
				Patients ¹ , n (%)								
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region									
1217	Wingham & District Hospital	South West	Southwest	2011	16 (0.1)	**	**	**	8 (50.0)	-	-	-
1497	St. Joseph's Health Care, London	South West	Southwest	2003	60 (0.5)	**	-	13 (21.7)	17 (28.3)	9 (15.0)	19 (31.7)	**
1507	Four Counties Health Services Corporation	South West	Southwest	2003	15 (0.1)	**	**	**	7 (46.7)	**	**	-
1507	Four Counties Health Services Corporation	South West	Southwest	2009	9 (0.1)	-	-	**	**	**	-	-
1507	Four Counties Health Services Corporation	South West	Southwest	2010	**	-	-	**	-	-	**	-
1507	Four Counties Health Services Corporation	South West	Southwest	2011	6 (0.0)	-	-	**	**	**	-	-
1515	Strathroy Middlesex General Hospital	South West	Southwest	2003	49 (0.4)	**	18 (36.7)	7 (14.3)	18 (36.7)	**	-	-
1515	Strathroy Middlesex General Hospital	South West	Southwest	2009	35 (0.3)	-	**	11 (31.4)	**	10 (28.6)	**	-
1515	Strathroy Middlesex General Hospital	South West	Southwest	2010	33 (0.2)	-	-	9 (27.3)	17 (51.5)	**	**	-
1515	Strathroy Middlesex General Hospital	South West	Southwest	2011	48 (0.4)	**	-	6 (12.5)	22 (45.8)	8 (16.7)	8 (16.7)	**
1696	Alexandra Hospital	South West	Southwest	2003	22 (0.2)	**	-	**	6 (27.3)	7 (31.8)	**	-
1696	Alexandra Hospital	South West	Southwest	2009	19 (0.1)	**	**	**	8 (42.1)	**	**	-
1696	Alexandra Hospital	South West	Southwest	2010	16 (0.1)	**	**	6 (37.5)	**	**	**	-
1696	Alexandra Hospital	South West	Southwest	2011	14 (0.1)	**	-	**	11 (78.6)	-	-	**
1709	Tillsonburg District Memorial Hospital	South West	Southwest	2003	61 (0.5)	**	12 (19.7)	-	46 (75.4)	-	-	-
1709	Tillsonburg District Memorial Hospital	South West	Southwest	2009	40 (0.3)	**	**	**	30 (75.0)	-	**	-
1709	Tillsonburg District Memorial Hospital	South West	Southwest	2010	40 (0.3)	**	**	**	30 (75.0)	**	**	-
1709	Tillsonburg District Memorial Hospital	South West	Southwest	2011	39 (0.3)	**	**	**	23 (59.0)	**	**	**
1716	Woodstock General Hospital	South West	Southwest	2003	55 (0.4)	**	22 (40.0)	**	28 (50.9)	**	-	-
1716	Woodstock General Hospital	South West	Southwest	2009	49 (0.4)	**	12 (24.5)	13 (26.5)	19 (38.8)	**	-	**
1716	Woodstock General Hospital	South West	Southwest	2010	54 (0.4)	**	11 (20.4)	15 (27.8)	17 (31.5)	**	**	**
1716	Woodstock General Hospital	South West	Southwest	2011	51 (0.4)	-	9 (17.6)	15 (29.4)	20 (39.2)	**	**	**
1740	Listowel Memorial Hospital	South West	Southwest	2003	16 (0.1)	**	-	7 (43.8)	6 (37.5)	**	-	-
1740	Listowel Memorial Hospital	South West	Southwest	2009	18 (0.1)	-	**	**	7 (38.9)	**	**	**
1740	Listowel Memorial Hospital	South West	Southwest	2010	18 (0.1)	-	**	**	9 (50.0)	-	-	-
1740	Listowel Memorial Hospital	South West	Southwest	2011	20 (0.1)	**	**	**	13 (65.0)	-	**	-
1748	St. Marys Memorial Hospital	South West	Southwest	2003	17 (0.1)	**	7 (41.2)	**	8 (47.1)	-	-	-
1748	St. Marys Memorial Hospital	South West	Southwest	2009	8 (0.1)	**	**	-	6 (75.0)	-	-	-
1748	St. Marys Memorial Hospital	South West	Southwest	2010	11 (0.1)	**	**	**	**	-	**	-
1748	St. Marys Memorial Hospital	South West	Southwest	2011	10 (0.1)	**	**	**	**	-	-	-
1754	Stratford General Hospital	South West	Southwest	2003	70 (0.5)	**	15 (21.4)	-	29 (41.4)	**	22 (31.4)	-
1754	Stratford General Hospital	South West	Southwest	2009	93 (0.7)	16 (17.2)	7 (7.5)	**	17 (18.3)	**	28 (30.1)	18 (19.4)
1754	Stratford General Hospital	South West	Southwest	2010	89 (0.7)	9 (10.1)	**	**	32 (36.0)	**	32 (36.0)	**
1754	Stratford General Hospital	South West	Southwest	2011	90 (0.7)	**	6 (6.7)	**	46 (51.1)	**	24 (26.7)	**
3850	London Health Sciences Centre (University)	South West	Southwest	2003	372 (2.8)	61 (16.4)	20 (5.4)	42 (11.3)	127 (34.1)	25 (6.7)	94 (25.3)	**
3850	London Health Sciences Centre (University)	South West	Southwest	2009	498 (3.7)	39 (7.8)	14 (2.8)	61 (12.2)	200 (40.2)	43 (8.6)	135 (27.1)	6 (1.2)
3850	London Health Sciences Centre (University)	South West	Southwest	2010	524 (3.8)	31 (5.9)	11 (2.1)	91 (17.4)	201 (38.4)	39 (7.4)	149 (28.4)	**
3850	London Health Sciences Centre (University)	South West	Southwest	2011	509 (3.8)	37 (7.3)	8 (1.6)	74 (14.5)	203 (39.9)	41 (8.1)	139 (27.3)	7 (1.4)
3907	South Bruce Grey Health Centre (Kincardine)	South West	Southwest	2003	19 (0.1)	**	-	**	16 (84.2)	-	-	-
3907	South Bruce Grey Health Centre (Kincardine)	South West	Southwest	2009	31 (0.2)	**	-	10 (32.3)	13 (41.9)	**	**	-
3907	South Bruce Grey Health Centre (Kincardine)	South West	Southwest	2010	11 (0.1)	**	-	**	**	**	**	-
3907	South Bruce Grey Health Centre (Kincardine)	South West	Southwest	2011	28 (0.2)	**	-	9 (32.1)	15 (53.6)	**	**	-
3944	Grey Bruce Health Services (Owen Sound)	South West	Southwest	2003	107 (0.8)	19 (17.8)	19 (17.8)	6 (5.6)	34 (31.8)	**	26 (24.3)	**
3944	Grey Bruce Health Services (Owen Sound)	South West	Southwest	2009	83 (0.6)	7 (8.4)	-	15 (18.1)	28 (33.7)	**	29 (34.9)	-
3944	Grey Bruce Health Services (Owen Sound)	South West	Southwest	2010	98 (0.7)	8 (8.2)	-	9 (9.2)	37 (37.8)	8 (8.2)	35 (35.7)	**
3944	Grey Bruce Health Services (Owen Sound)	South West	Southwest	2011	86 (0.6)	10 (11.6)	-	15 (17.4)	31 (36.0)	-	30 (34.9)	-
4025	Grey Bruce Health Services (Markdale)	South West	Southwest	2003	23 (0.2)	**	-	**	13 (56.5)	**	**	**
4025	Grey Bruce Health Services (Markdale)	South West	Southwest	2009	13 (0.1)	**	-	**	**	**	**	-
4025	Grey Bruce Health Services (Markdale)	South West	Southwest	2010	11 (0.1)	-	-	**	6 (54.5)	-	**	-
4025	Grey Bruce Health Services (Markdale)	South West	Southwest	2011	11 (0.1)	-	-	**	**	-	**	-
4027	Grey Bruce Health Services (Meaford)	South West	Southwest	2003	17 (0.1)	-	-	**	7 (41.2)	**	**	-
4027	Grey Bruce Health Services (Meaford)	South West	Southwest	2009	23 (0.2)	-	-	9 (39.1)	9 (39.1)	**	-	-
4027	Grey Bruce Health Services (Meaford)	South West	Southwest	2010	17 (0.1)	**	-	**	8 (47.1)	**	**	-

EXHIBIT 4.6S continued

Group/Subgroup				Year	Sample size	Acute care	Complex continuing care	Home with services	Home without services	Long-term care ²	Rehabilitation	Other ³
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region									
4027	Grey Bruce Health Services (Meaford)	South West	Southwest	2011	18 (0.1)	**	-	**	9 (50.0)	**	**	-
4030	Grey Bruce Health Services (Southampton)	South West	Southwest	2003	15 (0.1)	**	-	**	9 (60.0)	**	**	-
4030	Grey Bruce Health Services (Southampton)	South West	Southwest	2009	15 (0.1)	**	-	**	**	**	**	-
4030	Grey Bruce Health Services (Southampton)	South West	Southwest	2010	18 (0.1)	-	-	**	8 (44.4)	**	**	-
4030	Grey Bruce Health Services (Southampton)	South West	Southwest	2011	10 (0.1)	-	-	**	**	-	**	-
4033	Grey Bruce Health Services (Warton)	South West	Southwest	2003	-	-	-	-	-	-	-	-
4033	Grey Bruce Health Services (Warton)	South West	Southwest	2009	15 (0.1)	**	-	**	**	**	-	-
4033	Grey Bruce Health Services (Warton)	South West	Southwest	2010	10 (0.1)	**	-	**	**	**	-	-
4033	Grey Bruce Health Services (Warton)	South West	Southwest	2011	10 (0.1)	**	-	**	**	**	**	-
4036	South Bruce Grey Health Centre (Durham)	South West	Southwest	2003	13 (0.1)	-	**	**	8 (61.5)	**	-	-
4036	South Bruce Grey Health Centre (Durham)	South West	Southwest	2009	11 (0.1)	**	-	**	**	**	-	-
4036	South Bruce Grey Health Centre (Durham)	South West	Southwest	2010	14 (0.1)	-	-	**	8 (57.1)	**	**	-
4036	South Bruce Grey Health Centre (Durham)	South West	Southwest	2011	**	**	-	-	**	**	-	-
4039	South Bruce Grey Health Centre (Walkerton)	South West	Southwest	2003	15 (0.1)	**	**	**	7 (46.7)	**	-	**
4039	South Bruce Grey Health Centre (Walkerton)	South West	Southwest	2009	22 (0.2)	**	-	6 (27.3)	7 (31.8)	**	**	-
4039	South Bruce Grey Health Centre (Walkerton)	South West	Southwest	2010	15 (0.1)	-	-	9 (60.0)	**	**	**	-
4039	South Bruce Grey Health Centre (Walkerton)	South West	Southwest	2011	23 (0.2)	-	-	10 (43.5)	6 (26.1)	**	**	-
4042	South Bruce Grey Health Centre (Chesley)	South West	Southwest	2003	10 (0.1)	-	-	-	10 (100.0)	-	-	-
4042	South Bruce Grey Health Centre (Chesley)	South West	Southwest	2009	10 (0.1)	**	-	-	6 (60.0)	**	-	-
4042	South Bruce Grey Health Centre (Chesley)	South West	Southwest	2010	7 (0.1)	**	-	**	**	-	-	-
4042	South Bruce Grey Health Centre (Chesley)	South West	Southwest	2011	15 (0.1)	-	-	**	8 (53.3)	**	**	-
1905	Cambridge Memorial Hospital	Waterloo Wellington	Central South	2003	115 (0.9)	**	37 (32.2)	13 (11.3)	53 (46.1)	7 (6.1)	-	**
1905	Cambridge Memorial Hospital	Waterloo Wellington	Central South	2009	103 (0.8)	**	26 (25.2)	21 (20.4)	47 (45.6)	**	**	**
1905	Cambridge Memorial Hospital	Waterloo Wellington	Central South	2010	83 (0.6)	**	15 (18.1)	13 (15.7)	38 (45.8)	**	11 (13.3)	**
1905	Cambridge Memorial Hospital	Waterloo Wellington	Central South	2011	110 (0.8)	**	**	17 (15.5)	45 (40.9)	10 (9.1)	29 (26.4)	**
1921	St. Mary's General Hospital	Waterloo Wellington	Central South	2003	135 (1)	**	16 (11.9)	14 (10.4)	41 (30.4)	15 (11.1)	43 (31.9)	**
1921	St. Mary's General Hospital	Waterloo Wellington	Central South	2009	21 (0.2)	**	**	**	6 (28.6)	-	**	-
1921	St. Mary's General Hospital	Waterloo Wellington	Central South	2010	19 (0.1)	6 (31.6)	**	**	7 (36.8)	**	**	-
1921	St. Mary's General Hospital	Waterloo Wellington	Central South	2011	29 (0.2)	7 (24.1)	-	**	12 (41.4)	**	**	**
1936	Groves Memorial Community Hospital	Waterloo Wellington	Central South	2003	44 (0.3)	-	8 (18.2)	**	23 (52.3)	**	**	**
1936	Groves Memorial Community Hospital	Waterloo Wellington	Central South	2009	42 (0.3)	**	**	13 (31.0)	15 (35.7)	7 (16.7)	**	-
1936	Groves Memorial Community Hospital	Waterloo Wellington	Central South	2010	49 (0.4)	**	8 (16.3)	**	23 (46.9)	**	7 (14.3)	**
1936	Groves Memorial Community Hospital	Waterloo Wellington	Central South	2011	38 (0.3)	**	**	**	20 (52.6)	**	**	-
1946	Guelph General Hospital	Waterloo Wellington	Central South	2003	115 (0.9)	**	**	24 (20.9)	35 (30.4)	10 (8.7)	38 (33.0)	-
1946	Guelph General Hospital	Waterloo Wellington	Central South	2009	108 (0.8)	**	7 (6.5)	28 (25.9)	30 (27.8)	**	37 (34.3)	-
1946	Guelph General Hospital	Waterloo Wellington	Central South	2010	134 (1.0)	**	9 (6.7)	34 (25.4)	53 (39.6)	8 (6.0)	24 (17.9)	**
1946	Guelph General Hospital	Waterloo Wellington	Central South	2011	126 (0.9)	**	**	28 (22.2)	51 (40.5)	**	36 (28.6)	**
3734	Grand River Hospital Corporation (Waterloo)	Waterloo Wellington	Central South	2003	146 (1.1)	7 (4.8)	11 (7.5)	9 (6.2)	87 (59.6)	**	26 (17.8)	**
3734	Grand River Hospital Corporation (Waterloo)	Waterloo Wellington	Central South	2009	330 (2.5)	27 (8.2)	38 (11.5)	42 (12.7)	116 (35.2)	19 (5.8)	87 (26.4)	**
3734	Grand River Hospital Corporation (Waterloo)	Waterloo Wellington	Central South	2010	345 (2.5)	37 (10.7)	36 (10.4)	30 (8.7)	153 (44.3)	20 (5.8)	66 (19.1)	**
3734	Grand River Hospital Corporation (Waterloo)	Waterloo Wellington	Central South	2011	378 (2.8)	28 (7.4)	43 (11.4)	53 (14.0)	175 (46.3)	27 (7.1)	49 (13.0)	**
4323	North Wellington Health Care (Mount Forest)	Waterloo Wellington	Central South	2003	25 (0.2)	-	-	**	6 (24.0)	10 (40.0)	**	-
4323	North Wellington Health Care (Mount Forest)	Waterloo Wellington	Central South	2009	16 (0.1)	**	-	**	9 (56.3)	**	-	**
4323	North Wellington Health Care (Mount Forest)	Waterloo Wellington	Central South	2010	14 (0.1)	-	**	**	7 (50.0)	-	**	-
4323	North Wellington Health Care (Mount Forest)	Waterloo Wellington	Central South	2011	14 (0.1)	-	-	**	7 (50.0)	**	**	-
4326	North Wellington Health Care (Palmerston)	Waterloo Wellington	Central South	2003	8 (0.1)	**	-	-	**	**	-	-
4326	North Wellington Health Care (Palmerston)	Waterloo Wellington	Central South	2009	13 (0.1)	**	-	**	**	**	**	-
4326	North Wellington Health Care (Palmerston)	Waterloo Wellington	Central South	2010	9 (0.1)	-	-	**	**	**	**	-
4326	North Wellington Health Care (Palmerston)	Waterloo Wellington	Central South	2011	12 (0.1)	-	-	**	**	**	**	-
1146	Haldimand War Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	2003	31 (0.2)	-	**	-	29 (93.5)	**	-	-
1146	Haldimand War Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	2009	20 (0.2)	**	-	**	14 (70.0)	-	**	-
1146	Haldimand War Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	2010	17 (0.1)	**	**	**	7 (41.2)	-	**	**
1146	Haldimand War Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	2011	13 (0.1)	-	**	**	9 (69.2)	-	**	-

EXHIBIT 4.6S continued

Group/Subgroup				Year	Sample size	Acute care	Complex continuing care	Home with services	Home without services	Long-term care ²	Rehabilitation	Other ³
Institution No. Institution (Site)				Patients ¹ , n (%)								
Local Health Integration Network				Ontario Stroke System Region								
1149	West Haldimand General Hospital	Hamilton Niagara Haldimand Brant	Central South	2003	25 (0.2)	**	7 (28.0)	-	12 (48.0)	**	-	**
1149	West Haldimand General Hospital	Hamilton Niagara Haldimand Brant	Central South	2009	13 (0.1)	-	**	**	8 (61.5)	**	**	-
1149	West Haldimand General Hospital	Hamilton Niagara Haldimand Brant	Central South	2010	15 (0.1)	**	-	**	8 (53.3)	**	**	-
1149	West Haldimand General Hospital	Hamilton Niagara Haldimand Brant	Central South	2011	9 (0.1)	**	-	**	4 (44.4)	**	-	-
1160	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	2003	176 (1.3)	6 (3.4)	**	22 (12.5)	77 (43.8)	16 (9.1)	49 (27.8)	**
1160	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	2009	186 (1.4)	-	29 (15.6)	16 (8.6)	86 (46.2)	6 (3.2)	43 (23.1)	6 (3.2)
1160	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	2010	184 (1.3)	**	39 (21.2)	9 (4.9)	96 (52.2)	7 (3.8)	29 (15.8)	**
1160	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	2011	183 (1.4)	-	37 (20.2)	22 (12.0)	84 (45.9)	6 (3.3)	31 (16.9)	**
1538	West Lincoln Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	2003	42 (0.3)	-	6 (14.3)	7 (16.7)	23 (54.8)	**	**	-
1538	West Lincoln Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	2009	31 (0.2)	**	**	6 (19.4)	13 (41.9)	**	**	**
1538	West Lincoln Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	2010	21 (0.2)	**	**	**	10 (47.6)	-	**	-
1538	West Lincoln Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	2011	33 (0.2)	**	**	11 (33.3)	15 (45.5)	**	-	**
1591	Norfolk General Hospital	Hamilton Niagara Haldimand Brant	Central South	2003	71 (0.5)	**	**	10 (14.1)	39 (54.9)	10 (14.1)	**	**
1591	Norfolk General Hospital	Hamilton Niagara Haldimand Brant	Central South	2009	57 (0.4)	**	-	18 (31.6)	26 (45.6)	**	7 (12.3)	-
1591	Norfolk General Hospital	Hamilton Niagara Haldimand Brant	Central South	2010	63 (0.5)	-	**	15 (23.8)	33 (52.4)	**	**	**
1591	Norfolk General Hospital	Hamilton Niagara Haldimand Brant	Central South	2011	50 (0.4)	**	**	14 (28.0)	22 (44.0)	-	6 (12.0)	**
1982	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	2003	349 (2.6)	26 (7.4)	**	10 (2.9)	152 (43.6)	40 (11.5)	114 (32.7)	**
1982	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	2009	414 (3.1)	48 (11.6)	12 (2.9)	43 (10.4)	174 (42.0)	21 (5.1)	111 (26.8)	**
1982	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	2010	480 (3.5)	44 (9.2)	11 (2.3)	60 (12.5)	194 (40.4)	31 (6.5)	138 (28.8)	**
1982	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	2011	492 (3.6)	56 (11.4)	7 (1.4)	39 (7.9)	229 (46.5)	27 (5.5)	129 (26.2)	**
1983	Hamilton Health Sciences Corp (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	2003	96 (0.7)	7 (7.3)	6 (6.3)	13 (13.5)	28 (29.2)	25 (26.0)	17 (17.7)	-
1983	Hamilton Health Sciences Corp (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	2009	109 (0.8)	9 (8.3)	**	14 (12.8)	43 (39.4)	16 (14.7)	24 (22.0)	**
1983	Hamilton Health Sciences Corp (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	2010	114 (0.8)	**	**	22 (19.3)	46 (40.4)	7 (6.1)	29 (25.4)	**
1983	Hamilton Health Sciences Corp (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	2011	117 (0.9)	23 (19.7)	**	10 (8.5)	42 (35.9)	10 (8.5)	30 (25.6)	-
1994	Hamilton Health Sciences Corp (McMaster)	Hamilton Niagara Haldimand Brant	Central South	2003	93 (0.7)	**	**	7 (7.5)	36 (38.7)	17 (18.3)	25 (26.9)	**
1994	Hamilton Health Sciences Corp (McMaster)	Hamilton Niagara Haldimand Brant	Central South	2009	65 (0.5)	**	**	9 (13.8)	28 (43.1)	12 (18.5)	13 (20.0)	-
1994	Hamilton Health Sciences Corp (McMaster)	Hamilton Niagara Haldimand Brant	Central South	2010	74 (0.5)	**	**	10 (13.5)	31 (41.9)	12 (16.2)	13 (17.6)	**
1994	Hamilton Health Sciences Corp (McMaster)	Hamilton Niagara Haldimand Brant	Central South	2011	**	**	-	-	**	**	-	-
2003	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	2003	165 (1.2)	**	8 (4.8)	28 (17.0)	80 (48.5)	12 (7.3)	34 (20.6)	**
2003	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	2009	110 (0.8)	**	**	22 (20.0)	50 (45.5)	8 (7.3)	23 (20.9)	**
2003	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	2010	124 (0.9)	**	-	22 (17.7)	48 (38.7)	14 (11.3)	34 (27.4)	**
2003	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	2011	121 (0.9)	-	**	22 (18.2)	46 (38.0)	16 (13.2)	28 (23.1)	**
4210	Niagara Health System (Fort Erie Douglas)	Hamilton Niagara Haldimand Brant	Central South	2003	35 (0.3)	**	6 (17.1)	**	20 (57.1)	**	**	**
4210	Niagara Health System (Fort Erie Douglas)	Hamilton Niagara Haldimand Brant	Central South	2009	6 (0.0)	-	**	-	**	**	-	-
4210	Niagara Health System (Fort Erie Douglas)	Hamilton Niagara Haldimand Brant	Central South	2010	**	-	**	-	-	-	-	-
4210	Niagara Health System (Fort Erie Douglas)	Hamilton Niagara Haldimand Brant	Central South	2011	-	-	-	-	-	-	-	-
4213	Niagara Health System (Greater Niagara)	Hamilton Niagara Haldimand Brant	Central South	2003	181 (1.4)	23 (12.7)	30 (16.6)	27 (14.9)	50 (27.6)	6 (3.3)	41 (22.7)	**
4213	Niagara Health System (Greater Niagara)	Hamilton Niagara Haldimand Brant	Central South	2009	210 (1.5)	12 (5.7)	33 (15.7)	21 (10.0)	41 (19.5)	9 (4.3)	90 (42.9)	**
4213	Niagara Health System (Greater Niagara)	Hamilton Niagara Haldimand Brant	Central South	2010	184 (1.4)	**	31 (16.8)	13 (7.1)	60 (32.6)	6 (3.3)	68 (37.0)	**
4213	Niagara Health System (Greater Niagara)	Hamilton Niagara Haldimand Brant	Central South	2011	109 (0.8)	**	23 (21.1)	12 (11.0)	31 (28.4)	10 (9.2)	27 (24.8)	**
4216	Niagara Health System (Niagara-on-the-Lake)	Hamilton Niagara Haldimand Brant	Central South	2003	**	-	-	-	**	-	-	-
4219	Niagara Health System (Port Colborne)	Hamilton Niagara Haldimand Brant	Central South	2003	21 (0.2)	-	7 (33.3)	**	7 (33.3)	**	**	**
4219	Niagara Health System (Port Colborne)	Hamilton Niagara Haldimand Brant	Central South	2009	**	-	-	**	-	-	**	-
4219	Niagara Health System (Port Colborne)	Hamilton Niagara Haldimand Brant	Central South	2010	-	-	-	-	-	-	-	-
4219	Niagara Health System (Port Colborne)	Hamilton Niagara Haldimand Brant	Central South	2011	-	-	-	-	-	-	-	-
4224	Niagara Health System (St. Catharines)	Hamilton Niagara Haldimand Brant	Central South	2003	250 (1.9)	16 (6.4)	60 (24.0)	43 (17.2)	97 (38.8)	15 (6.0)	14 (5.6)	**
4224	Niagara Health System (St. Catharines)	Hamilton Niagara Haldimand Brant	Central South	2009	150 (1.1)	10 (6.7)	23 (15.3)	40 (26.7)	51 (34.0)	6 (4.0)	18 (12.0)	**
4224	Niagara Health System (St. Catharines)	Hamilton Niagara Haldimand Brant	Central South	2010	170 (1.2)	15 (8.8)	32 (18.8)	40 (23.5)	51 (30.0)	9 (5.3)	22 (12.9)	**
4224	Niagara Health System (St. Catharines)	Hamilton Niagara Haldimand Brant	Central South	2011	134 (1.0)	19 (14.2)	28 (20.9)	34 (25.4)	39 (29.1)	**	9 (6.7)	**
4227	Niagara Health System (Welland County)	Hamilton Niagara Haldimand Brant	Central South	2003	112 (0.8)	**	16 (14.3)	8 (7.1)	67 (59.8)	8 (7.1)	10 (8.9)	**
4227	Niagara Health System (Welland County)	Hamilton Niagara Haldimand Brant	Central South	2009	118 (0.9)	8 (6.8)	29 (24.6)	13 (11.0)	58 (49.2)	**	**	**
4227	Niagara Health System (Welland County)	Hamilton Niagara Haldimand Brant	Central South	2010	70 (0.5)	8 (11.4)	15 (21.4)	7 (10.0)	26 (37.1)	**	11 (15.7)	**
4227	Niagara Health System (Welland County)	Hamilton Niagara Haldimand Brant	Central South	2011	89 (0.7)	**	30 (33.7)	15 (16.9)	34 (38.2)	**	6 (6.7)	-

EXHIBIT 4.6S continued

Group/Subgroup				Year	Sample size	Acute care	Complex continuing care	Home with services	Home without services	Long-term care ²	Rehabilitation	Other ³
Patients ¹ , n (%)												
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region									
4675	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	2003	181 (1.4)	**	22 (12.2)	14 (7.7)	71 (39.2)	8 (4.4)	62 (34.3)	**
4675	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	2009	214 (1.6)	**	29 (13.6)	41 (19.2)	85 (39.7)	6 (2.8)	47 (22.0)	**
4675	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	2010	218 (1.6)	**	32 (14.7)	34 (15.6)	92 (42.2)	14 (6.4)	42 (19.3)	-
4675	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	2011	220 (1.6)	7 (3.2)	27 (12.3)	32 (14.5)	94 (42.7)	**	55 (25.0)	**
3684	Headwaters Health Care Centre (Dufferin)	Central West	West GTA	2003	98 (0.7)	**	28 (28.6)	19 (19.4)	38 (38.8)	7 (7.1)	-	**
3684	Headwaters Health Care Centre (Dufferin)	Central West	West GTA	2009	66 (0.5)	**	17 (25.8)	14 (21.2)	28 (42.4)	**	-	-
3684	Headwaters Health Care Centre (Dufferin)	Central West	West GTA	2010	92 (0.7)	6 (6.5)	24 (26.1)	27 (29.3)	27 (29.3)	**	**	**
3684	Headwaters Health Care Centre (Dufferin)	Central West	West GTA	2011	72 (0.5)	**	21 (29.2)	17 (23.6)	20 (27.8)	10 (13.9)	-	-
3929	William Osler Health System (Etobicoke)	Central West	West GTA	2003	179 (1.4)	**	10 (5.6)	29 (16.2)	48 (26.8)	28 (15.6)	53 (29.6)	7 (3.9)
3929	William Osler Health System (Etobicoke)	Central West	West GTA	2009	199 (1.5)	8 (4.0)	13 (6.5)	32 (16.1)	89 (44.7)	15 (7.5)	42 (21.1)	-
3929	William Osler Health System (Etobicoke)	Central West	West GTA	2010	203 (1.5)	12 (5.9)	20 (9.9)	48 (23.6)	62 (30.5)	19 (9.4)	42 (20.7)	-
3929	William Osler Health System (Etobicoke)	Central West	West GTA	2011	202 (1.5)	9 (4.5)	11 (5.4)	44 (21.8)	64 (31.7)	22 (10.9)	50 (24.8)	**
4016	William Osler Health System (Brampton)	Central West	West GTA	2003	214 (1.6)	6 (2.8)	54 (25.2)	10 (4.7)	127 (59.3)	9 (4.2)	7 (3.3)	**
4681	William Osler Health System (Civic)	Central West	West GTA	2009	248 (1.9)	7 (2.8)	22 (8.9)	32 (12.9)	111 (44.8)	24 (9.7)	52 (21.0)	-
4681	William Osler Health System (Civic)	Central West	West GTA	2010	267 (2)	8 (3.0)	15 (5.6)	52 (19.5)	105 (39.3)	23 (8.6)	58 (21.7)	6 (2.2)
4681	William Osler Health System (Civic)	Central West	West GTA	2011	264 (1.9)	**	21 (8.0)	39 (14.8)	123 (46.6)	24 (9.1)	46 (17.4)	6 (2.3)
3286	Credit Valley Hospital	Mississauga Halton	West GTA	2003	159 (1.2)	**	**	19 (11.9)	64 (40.3)	15 (9.4)	54 (34.0)	**
3286	Credit Valley Hospital	Mississauga Halton	West GTA	2009	187 (1.4)	**	11 (5.9)	14 (7.5)	84 (44.9)	10 (5.3)	63 (33.7)	-
3286	Credit Valley Hospital	Mississauga Halton	West GTA	2010	183 (1.3)	**	10 (5.5)	20 (10.9)	89 (48.6)	14 (7.7)	46 (25.1)	**
3286	Credit Valley Hospital	Mississauga Halton	West GTA	2011	225 (1.7)	6 (2.7)	**	28 (12.4)	102 (45.3)	12 (5.3)	69 (30.7)	**
3917	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	2003	497 (3.8)	32 (6.4)	29 (5.8)	16 (3.2)	217 (43.7)	27 (5.4)	172 (34.6)	**
3917	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	2009	547 (4.1)	55 (10.1)	35 (6.4)	39 (7.1)	242 (44.2)	24 (4.4)	149 (27.2)	**
3917	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	2010	556 (4.1)	78 (14.0)	30 (5.4)	42 (7.6)	234 (42.1)	21 (3.8)	148 (26.6)	**
3917	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	2011	484 (3.6)	71 (14.7)	26 (5.4)	49 (10.1)	176 (36.4)	16 (3.3)	141 (29.1)	**
3926	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	2003	160 (1.2)	**	12 (7.5)	18 (11.3)	72 (45.0)	**	48 (30.0)	**
3926	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	2009	157 (1.2)	6 (3.8)	15 (9.6)	17 (10.8)	74 (47.1)	**	38 (24.2)	**
3926	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	2010	162 (1.2)	**	19 (11.7)	26 (16.0)	65 (40.1)	14 (8.6)	34 (21.0)	-
3926	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	2011	139 (1.0)	-	15 (10.8)	23 (16.5)	53 (38.1)	**	42 (30.2)	**
4019	William Osler Health Centre (Georgetown)	Mississauga Halton	West GTA	2011	-	-	-	-	-	-	-	-
4022	Halton Healthcare Services Corp (Milton)	Mississauga Halton	West GTA	2003	27 (0.2)	**	**	-	17 (63.0)	**	**	-
4022	Halton Healthcare Services Corp (Milton)	Mississauga Halton	West GTA	2009	44 (0.3)	**	6 (13.6)	**	22 (50.0)	**	8 (18.2)	**
4022	Halton Healthcare Services Corp (Milton)	Mississauga Halton	West GTA	2010	49 (0.4)	**	9 (18.4)	**	25 (51.0)	**	12 (24.5)	-
4022	Halton Healthcare Services Corp (Milton)	Mississauga Halton	West GTA	2011	40 (0.3)	-	**	**	33 (82.5)	-	**	-
4622	Halton Healthcare Services Corp (Georgetown)	Mississauga Halton	West GTA	2003	39 (0.3)	**	6 (15.4)	**	20 (51.3)	**	**	-
4622	Halton Healthcare Services Corp (Georgetown)	Mississauga Halton	West GTA	2009	53 (0.4)	**	17 (32.1)	9 (17.0)	21 (39.6)	-	**	-
4622	Halton Healthcare Services Corp (Georgetown)	Mississauga Halton	West GTA	2010	48 (0.4)	**	15 (31.3)	6 (12.5)	23 (47.9)	-	**	-
4622	Halton Healthcare Services Corp (Georgetown)	Mississauga Halton	West GTA	2011	51 (0.4)	**	11 (21.6)	**	27 (52.9)	**	6 (11.8)	**
1302	Toronto East General Hospital	Toronto Central	Toronto - Southeast	2003	206 (1.6)	6 (2.9)	10 (4.9)	33 (16.0)	81 (39.3)	33 (16.0)	39 (18.9)	**
1302	Toronto East General Hospital	Toronto Central	Toronto - Southeast	2009	170 (1.3)	6 (3.5)	21 (12.4)	13 (7.6)	67 (39.4)	22 (12.9)	40 (23.5)	**
1302	Toronto East General Hospital	Toronto Central	Toronto - Southeast	2010	157 (1.2)	7 (4.5)	13 (8.3)	10 (6.4)	56 (35.7)	19 (12.1)	51 (32.5)	**
1302	Toronto East General Hospital	Toronto Central	Toronto - Southeast	2011	135 (1.0)	**	23 (17.0)	11 (8.1)	37 (27.4)	19 (14.1)	41 (30.4)	**
1406	Hospital for Sick Children	Toronto Central	Toronto - West	2003	**	-	-	-	**	-	-	-
1423	Mount Sinai Hospital	Toronto Central	Toronto - West	2003	108 (0.8)	**	9 (8.3)	16 (14.8)	46 (42.6)	7 (6.5)	24 (22.2)	**
1423	Mount Sinai Hospital	Toronto Central	Toronto - West	2009	104 (0.8)	6 (5.8)	11 (10.6)	16 (15.4)	52 (50.0)	7 (6.7)	12 (11.5)	-
1423	Mount Sinai Hospital	Toronto Central	Toronto - West	2010	87 (0.6)	**	**	7 (8.0)	46 (52.9)	6 (6.9)	22 (25.3)	-
1423	Mount Sinai Hospital	Toronto Central	Toronto - West	2011	95 (0.7)	**	7 (7.4)	22 (23.2)	50 (52.6)	**	9 (9.5)	-
1443	St. Joseph's Health Centre	Toronto Central	Toronto - West	2003	185 (1.4)	**	18 (9.7)	15 (8.1)	80 (43.2)	35 (18.9)	33 (17.8)	**
1443	St. Joseph's Health Centre	Toronto Central	Toronto - West	2009	157 (1.2)	**	17 (10.8)	25 (15.9)	68 (43.3)	24 (15.3)	19 (12.1)	**
1443	St. Joseph's Health Centre	Toronto Central	Toronto - West	2010	154 (1.1)	**	18 (11.7)	22 (14.3)	69 (44.8)	22 (14.3)	19 (12.3)	**
1443	St. Joseph's Health Centre	Toronto Central	Toronto - West	2011	183 (1.4)	**	35 (19.1)	16 (8.7)	79 (43.2)	25 (13.7)	20 (10.9)	**
1444	St. Michael's Hospital	Toronto Central	Toronto - Southeast	2003	225 (1.7)	19 (8.4)	14 (6.2)	25 (11.1)	89 (39.6)	18 (8.0)	42 (18.7)	18 (8.0)
1444	St. Michael's Hospital	Toronto Central	Toronto - Southeast	2009	319 (2.4)	39 (12.2)	43 (13.5)	20 (6.3)	137 (42.9)	8 (2.5)	70 (21.9)	**
1444	St. Michael's Hospital	Toronto Central	Toronto - Southeast	2010	324 (2.4)	42 (13.0)	**	25 (7.7)	144 (44.4)	**	103 (31.8)	**

EXHIBIT 4.6S continued

Group/Subgroup				Year	Sample size	Acute care	Complex continuing care	Home with services	Home without services	Long-term care ²	Rehabilitation	Other ³
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region									
1444	St. Michael's Hospital	Toronto Central	Toronto - Southeast	2011	317 (2.3)	37 (11.7)	6 (1.9)	13 (4.1)	151 (47.6)	7 (2.2)	102 (32.2)	**
3910	University Health Network	Toronto Central	Toronto - West	2003	417 (3.2)	11 (2.6)	15 (3.6)	67 (16.1)	190 (45.6)	37 (8.9)	93 (22.3)	**
3910	University Health Network	Toronto Central	Toronto - West	2009	540 (4.1)	36 (6.7)	41 (7.6)	88 (16.3)	223 (41.3)	36 (6.7)	109 (20.2)	7 (1.3)
3910	University Health Network	Toronto Central	Toronto - West	2010	547 (4.0)	43 (7.9)	20 (3.7)	100 (18.3)	214 (39.1)	37 (6.8)	128 (23.4)	**
3910	University Health Network	Toronto Central	Toronto - West	2011	525 (3.9)	35 (6.7)	30 (5.7)	73 (13.9)	204 (38.9)	32 (6.1)	146 (27.8)	**
3936	Sunnybrook Health Sciences Centre	Toronto Central	Toronto - North & East	2003	279 (2.1)	7 (2.5)	15 (5.4)	38 (13.6)	112 (40.1)	19 (6.8)	82 (29.4)	6 (2.2)
3936	Sunnybrook Health Sciences Centre	Toronto Central	Toronto - North & East	2009	388 (2.9)	48 (12.4)	11 (2.8)	11 (2.8)	195 (50.3)	28 (7.2)	93 (24.0)	**
3936	Sunnybrook Health Sciences Centre	Toronto Central	Toronto - North & East	2010	459 (3.4)	59 (12.9)	8 (1.7)	36 (7.8)	199 (43.4)	22 (4.8)	130 (28.3)	**
3936	Sunnybrook Health Sciences Centre	Toronto Central	Toronto - North & East	2011	442 (3.3)	55 (12.4)	19 (4.3)	47 (10.6)	175 (39.6)	18 (4.1)	125 (28.3)	**
1330	North York General Hospital	Central	Toronto - North & East	2003	214 (1.6)	**	15 (7.0)	28 (13.1)	108 (50.5)	22 (10.3)	37 (17.3)	**
1330	North York General Hospital	Central	Toronto - North & East	2009	262 (2.0)	7 (2.7)	14 (5.3)	44 (16.8)	114 (43.5)	28 (10.7)	53 (20.2)	**
1330	North York General Hospital	Central	Toronto - North & East	2010	297 (2.2)	**	21 (7.1)	36 (12.1)	151 (50.8)	36 (12.1)	46 (15.5)	6 (2.0)
1330	North York General Hospital	Central	Toronto - North & East	2011	320 (2.4)	11 (3.4)	17 (5.3)	66 (20.6)	134 (41.9)	28 (8.8)	61 (19.1)	**
1343	Humber River Regional Hospital (York-Finch)	Central	Toronto - West	2003	167 (1.3)	-	**	15 (9.0)	83 (49.7)	16 (9.6)	45 (26.9)	**
1343	Humber River Regional Hospital (York-Finch)	Central	Toronto - West	2009	129 (1.0)	**	**	17 (13.2)	60 (46.5)	27 (20.9)	18 (14.0)	**
1343	Humber River Regional Hospital (York-Finch)	Central	Toronto - West	2010	143 (1.0)	**	**	20 (14.0)	60 (42.0)	19 (13.3)	31 (21.7)	**
1343	Humber River Regional Hospital (York-Finch)	Central	Toronto - West	2011	149 (1.1)	**	**	19 (12.8)	65 (43.6)	26 (17.4)	28 (18.8)	**
1817	Stevenson Memorial Hospital (Alliston)	Central	Central East	2003	46 (0.3)	7 (15.2)	**	-	29 (63.0)	**	**	**
1817	Stevenson Memorial Hospital (Alliston)	Central	Central East	2009	41 (0.3)	**	-	6 (14.6)	27 (65.9)	**	**	**
1817	Stevenson Memorial Hospital (Alliston)	Central	Central East	2010	30 (0.2)	**	-	**	20 (66.7)	**	**	**
1817	Stevenson Memorial Hospital (Alliston)	Central	Central East	2011	52 (0.4)	**	**	6 (11.5)	33 (63.5)	**	**	-
2038	Southlake Regional Health Centre	Central	Central East	2003	165 (1.2)	**	22 (13.3)	19 (11.5)	55 (33.3)	11 (6.7)	50 (30.3)	**
2038	Southlake Regional Health Centre	Central	Central East	2009	182 (1.4)	**	14 (7.7)	22 (12.1)	54 (29.7)	11 (6.0)	74 (40.7)	**
2038	Southlake Regional Health Centre	Central	Central East	2010	182 (1.3)	**	26 (14.3)	23 (12.6)	59 (32.4)	10 (5.5)	60 (33.0)	**
2038	Southlake Regional Health Centre	Central	Central East	2011	177 (1.3)	**	13 (7.3)	13 (7.3)	72 (40.7)	16 (9.0)	61 (34.5)	**
2046	Mackenzie Health	Central	Central East	2003	208 (1.6)	-	33 (15.9)	14 (6.7)	76 (36.5)	23 (11.1)	60 (28.8)	**
2046	Mackenzie Health	Central	Central East	2009	241 (1.8)	31 (12.9)	34 (14.1)	27 (11.2)	85 (35.3)	14 (5.8)	45 (18.7)	**
2046	Mackenzie Health	Central	Central East	2010	262 (1.9)	18 (6.9)	53 (20.2)	24 (9.2)	107 (40.8)	8 (3.1)	46 (17.6)	6 (2.3)
2046	Mackenzie Health	Central	Central East	2011	262 (1.9)	20 (7.6)	53 (20.2)	50 (19.1)	81 (30.9)	18 (6.9)	39 (14.9)	**
3587	Markham Stouffville Hospital	Central	Central East	2003	90 (0.7)	**	**	12 (13.3)	28 (31.1)	22 (24.4)	24 (26.7)	-
3587	Markham Stouffville Hospital	Central	Central East	2009	128 (1.0)	**	**	21 (16.4)	37 (28.9)	13 (10.2)	50 (39.1)	**
3587	Markham Stouffville Hospital	Central	Central East	2010	101 (0.7)	**	**	**	40 (39.6)	8 (7.9)	41 (40.6)	**
3587	Markham Stouffville Hospital	Central	Central East	2011	118 (0.9)	**	**	14 (11.9)	32 (27.1)	14 (11.9)	53 (44.9)	**
3883	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	2003	182 (1.4)	**	**	11 (6.0)	76 (41.8)	34 (18.7)	52 (28.6)	**
3883	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	2009	144 (1.1)	-	**	19 (13.2)	55 (38.2)	24 (16.7)	36 (25.0)	9 (6.3)
3883	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	2010	168 (1.2)	**	**	18 (10.7)	56 (33.3)	48 (28.6)	38 (22.6)	-
3883	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	2011	131 (1.0)	**	**	18 (13.7)	43 (32.8)	22 (16.8)	41 (31.3)	**
4465	Markham Stouffville Hospital (Uxbridge)	Central	Central East	2003	26 (0.2)	**	**	6 (23.1)	14 (53.8)	**	-	-
4465	Markham Stouffville Hospital (Uxbridge)	Central	Central East	2009	16 (0.1)	**	-	**	7 (43.8)	**	-	-
4465	Markham Stouffville Hospital (Uxbridge)	Central	Central East	2010	18 (0.1)	**	-	**	12 (66.7)	-	**	-
4465	Markham Stouffville Hospital (Uxbridge)	Central	Central East	2011	21 (0.2)	-	-	**	12 (57.1)	**	**	**
1597	Campbellford Memorial Hospital	Central East	Central East	2003	29 (0.2)	**	**	**	12 (41.4)	**	**	**
1597	Campbellford Memorial Hospital	Central East	Central East	2009	20 (0.2)	-	-	10 (50.0)	**	**	**	-
1597	Campbellford Memorial Hospital	Central East	Central East	2010	30 (0.2)	**	-	12 (40.0)	7 (23.3)	**	**	-
1597	Campbellford Memorial Hospital	Central East	Central East	2011	14 (0.1)	**	-	**	**	**	**	-
1768	Peterborough Regional Health Centre	Central East	Central East	2003	199 (1.5)	6 (3.0)	8 (4.0)	43 (21.6)	87 (43.7)	15 (7.5)	39 (19.6)	**
1768	Peterborough Regional Health Centre	Central East	Central East	2009	194 (1.5)	21 (10.8)	16 (8.2)	46 (23.7)	45 (23.2)	7 (3.6)	58 (29.9)	**
1768	Peterborough Regional Health Centre	Central East	Central East	2010	177 (1.3)	30 (16.9)	19 (10.7)	34 (19.2)	44 (24.9)	**	43 (24.3)	**
1768	Peterborough Regional Health Centre	Central East	Central East	2011	181 (1.3)	18 (9.9)	24 (13.3)	27 (14.9)	57 (31.5)	10 (5.5)	43 (23.8)	**
1893	Ross Memorial Hospital	Central East	Central East	2003	93 (0.7)	**	34 (36.6)	15 (16.1)	40 (43.0)	**	-	**
1893	Ross Memorial Hospital	Central East	Central East	2009	87 (0.7)	**	7 (8.0)	22 (25.3)	25 (28.7)	**	25 (28.7)	**
1893	Ross Memorial Hospital	Central East	Central East	2010	74 (0.5)	**	10 (13.5)	10 (13.5)	16 (21.6)	**	28 (37.8)	**
1893	Ross Memorial Hospital	Central East	Central East	2011	67 (0.5)	**	**	10 (14.9)	20 (29.9)	**	22 (32.8)	**

EXHIBIT 4.6S continued

Group/Subgroup				Year	Sample size	Acute care	Complex continuing care	Home with services	Home without services	Long-term care ²	Rehabilitation	Other ³
Patients ¹ , n (%)												
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region									
3737	Haliburton Highlands Health Services Corp (Haliburton)	Central East	Central East	2003	**	-	-	-	**	-	-	-
3737	Haliburton Highlands Health Services Corp (Haliburton)	Central East	Central East	2009	**	-	-	**	**	**	**	-
3737	Haliburton Highlands Health Services Corp (Haliburton)	Central East	Central East	2010	17 (0.1)	**	-	**	12 (70.6)	-	**	-
3737	Haliburton Highlands Health Services Corp (Haliburton)	Central East	Central East	2011	**	-	-	**	**	-	-	-
3860	Northumberland Hills Hospital	Central East	Central East	2003	66 (0.5)	**	18 (27.3)	**	32 (48.5)	**	**	**
3860	Northumberland Hills Hospital	Central East	Central East	2009	50 (0.4)	-	-	8 (16.0)	6 (12.0)	**	31 (62.0)	-
3860	Northumberland Hills Hospital	Central East	Central East	2010	62 (0.5)	**	**	7 (11.3)	18 (29.0)	**	30 (48.4)	-
3860	Northumberland Hills Hospital	Central East	Central East	2011	76 (0.6)	**	-	8 (10.5)	24 (31.6)	**	37 (48.7)	**
3932	Lakeridge Health Corporation (Oshawa)	Central East	Central East	2003	197 (1.5)	7 (3.6)	14 (7.1)	31 (15.7)	64 (32.5)	11 (5.6)	67 (34.0)	**
3932	Lakeridge Health Corporation (Oshawa)	Central East	Central East	2009	236 (1.8)	6 (2.5)	18 (7.6)	33 (14.0)	85 (36.0)	12 (5.1)	79 (33.5)	**
3932	Lakeridge Health Corporation (Oshawa)	Central East	Central East	2010	243 (1.8)	9 (3.7)	11 (4.5)	9 (3.7)	64 (26.3)	11 (4.5)	136 (56.0)	**
3932	Lakeridge Health Corporation (Oshawa)	Central East	Central East	2011	268 (2.0)	**	8 (3.0)	24 (9.0)	85 (31.7)	13 (4.9)	132 (49.3)	**
3943	Rouge Valley Health System (Centenary)	Central East	Toronto - Southeast	2003	209 (1.6)	**	81 (38.8)	7 (3.3)	72 (34.4)	18 (8.6)	26 (12.4)	**
3943	Rouge Valley Health System (Centenary)	Central East	Toronto - Southeast	2009	174 (1.3)	**	26 (14.9)	**	86 (49.4)	15 (8.6)	37 (21.3)	**
3943	Rouge Valley Health System (Centenary)	Central East	Toronto - Southeast	2010	166 (1.2)	7 (4.2)	16 (9.6)	7 (4.2)	83 (50.0)	8 (4.8)	42 (25.3)	**
3943	Rouge Valley Health System (Centenary)	Central East	Toronto - Southeast	2011	158 (1.2)	**	14 (8.9)	7 (4.4)	87 (55.1)	10 (6.3)	35 (22.2)	**
4005	Lakeridge Health Corporation (Port Perry)	Central East	Central East	2003	37 (0.3)	**	**	9 (24.3)	14 (37.8)	**	**	-
4005	Lakeridge Health Corporation (Port Perry)	Central East	Central East	2009	32 (0.2)	**	**	7 (21.9)	10 (31.3)	**	8 (25.0)	-
4005	Lakeridge Health Corporation (Port Perry)	Central East	Central East	2010	23 (0.2)	**	**	**	8 (34.8)	**	**	-
4005	Lakeridge Health Corporation (Port Perry)	Central East	Central East	2011	20 (0.1)	6 (30.0)	**	**	**	**	**	-
4008	Lakeridge Health Corporation (Bowmanville)	Central East	Central East	2003	63 (0.5)	**	7 (11.1)	19 (30.2)	27 (42.9)	**	6 (9.5)	-
4008	Lakeridge Health Corporation (Bowmanville)	Central East	Central East	2009	47 (0.4)	**	7 (14.9)	8 (17.0)	21 (44.7)	**	**	**
4008	Lakeridge Health Corporation (Bowmanville)	Central East	Central East	2010	47 (0.3)	15 (31.9)	-	12 (25.5)	9 (19.1)	**	8 (17.0)	-
4008	Lakeridge Health Corporation (Bowmanville)	Central East	Central East	2011	44 (0.3)	15 (34.1)	**	9 (20.5)	9 (20.5)	**	**	**
4014	Rouge Valley Health System (Ajax)	Central East	Toronto - Southeast	2003	102 (0.8)	8 (7.8)	**	8 (7.8)	28 (27.5)	12 (11.8)	43 (42.2)	**
4014	Rouge Valley Health System (Ajax)	Central East	Toronto - Southeast	2009	91 (0.7)	**	**	21 (23.1)	25 (27.5)	8 (8.8)	31 (34.1)	-
4014	Rouge Valley Health System (Ajax)	Central East	Toronto - Southeast	2010	92 (0.7)	**	**	16 (17.4)	31 (33.7)	10 (10.9)	27 (29.3)	**
4014	Rouge Valley Health System (Ajax)	Central East	Toronto - Southeast	2011	111 (0.8)	**	8 (7.2)	15 (13.5)	38 (34.2)	**	37 (33.3)	6 (5.4)
4152	Scarborough Hospital (General)	Central East	Toronto - North & East	2003	200 (1.5)	**	**	19 (9.5)	88 (44.0)	27 (13.5)	53 (26.5)	9 (4.5)
4152	Scarborough Hospital (General)	Central East	Toronto - North & East	2009	144 (1.1)	-	**	15 (10.4)	49 (34.0)	24 (16.7)	51 (35.4)	**
4152	Scarborough Hospital (General)	Central East	Toronto - North & East	2010	197 (1.4)	**	8 (4.1)	34 (17.3)	88 (44.7)	24 (12.2)	41 (20.8)	**
4152	Scarborough Hospital (General)	Central East	Toronto - North & East	2011	150 (1.1)	**	8 (5.3)	16 (10.7)	70 (46.7)	17 (11.3)	35 (23.3)	**
4154	Scarborough Hospital (Grace)	Central East	Toronto - North & East	2003	139 (1.1)	**	**	20 (14.4)	65 (46.8)	15 (10.8)	28 (20.1)	**
4154	Scarborough Hospital (Grace)	Central East	Toronto - North & East	2009	189 (1.4)	**	-	12 (6.3)	113 (59.8)	23 (12.2)	32 (16.9)	**
4154	Scarborough Hospital (Grace)	Central East	Toronto - North & East	2010	171 (1.3)	**	-	9 (5.3)	90 (52.6)	31 (18.1)	35 (20.5)	**
4151	Scarborough Hospital (Grace)	Central East	Toronto - North & East	2011	152 (1.1)	**	-	**	86 (56.6)	28 (18.4)	28 (18.4)	-
1100	Kingston General Hospital	South East	South East	2003	214 (1.6)	20 (9.3)	**	12 (5.6)	132 (61.7)	10 (4.7)	35 (16.4)	**
1100	Kingston General Hospital	South East	South East	2009	225 (1.7)	32 (14.2)	17 (7.6)	31 (13.8)	97 (43.1)	18 (8.0)	29 (12.9)	**
1100	Kingston General Hospital	South East	South East	2010	249 (1.8)	32 (12.9)	6 (2.4)	50 (20.1)	101 (40.6)	17 (6.8)	40 (16.1)	**
1100	Kingston General Hospital	South East	South East	2011	232 (1.7)	17 (7.3)	**	54 (23.3)	95 (40.9)	12 (5.2)	51 (22.0)	**
1269	Perth & Smiths Falls District Hospital (Smiths Falls)	South East	South East	2003	40 (0.3)	**	**	**	25 (62.5)	**	-	-
1269	Perth & Smiths Falls District Hospital (Smiths Falls)	South East	South East	2009	17 (0.1)	**	-	7 (41.2)	9 (52.9)	-	-	-
1269	Perth & Smiths Falls District Hospital (Smiths Falls)	South East	South East	2010	19 (0.1)	**	-	10 (52.6)	6 (31.6)	-	-	**
1269	Perth & Smiths Falls District Hospital (Smiths Falls)	South East	South East	2011	12 (0.1)	**	**	**	8 (66.7)	-	-	-
1273	Brockville General Hospital	South East	South East	2003	87 (0.7)	**	-	16 (18.4)	43 (49.4)	**	21 (24.1)	**
1273	Brockville General Hospital	South East	South East	2009	79 (0.6)	**	**	**	47 (59.5)	6 (7.6)	18 (22.8)	-
1273	Brockville General Hospital	South East	South East	2010	72 (0.5)	**	10 (13.9)	8 (11.1)	31 (43.1)	**	18 (25.0)	-
1273	Brockville General Hospital	South East	South East	2011	89 (0.7)	**	13 (14.6)	19 (21.3)	33 (37.1)	6 (6.7)	14 (15.7)	**
1295	Lennox & Addington County General Hospital	South East	South East	2003	20 (0.2)	**	**	**	10 (50.0)	**	**	-
1295	Lennox & Addington County General Hospital	South East	South East	2009	13 (0.1)	-	**	**	6 (46.2)	-	-	-
1295	Lennox & Addington County General Hospital	South East	South East	2010	17 (0.1)	**	**	6 (35.3)	**	-	-	**
1295	Lennox & Addington County General Hospital	South East	South East	2011	16 (0.1)	-	**	**	6 (37.5)	**	-	**
3732	Perth & Smiths Falls District Hospital (Perth)	South East	South East	2003	25 (0.2)	**	**	6 (24.0)	14 (56.0)	**	-	-

EXHIBIT 4.6S continued

Group/Subgroup				Year	Sample size	Acute care	Complex continuing care	Home with services	Home without services	Long-term care ²	Rehabilitation	Other ³
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region									
3732	Perth & Smiths Falls District Hospital (Perth)	South East	South East	2009	27 (0.2)	**	**	10 (37.0)	15 (55.6)	-	-	-
3732	Perth & Smiths Falls District Hospital (Perth)	South East	South East	2010	21 (0.2)	**	**	**	15 (71.4)	-	-	-
3732	Perth & Smiths Falls District Hospital (Perth)	South East	South East	2011	25 (0.2)	**	-	9 (36.0)	15 (60.0)	-	-	-
3988	Quinte Healthcare Corporation (Belleville)	South East	South East	2003	122 (0.9)	6 (4.9)	11 (9.0)	20 (16.4)	45 (36.9)	6 (4.9)	30 (24.6)	**
3988	Quinte Healthcare Corporation (Belleville)	South East	South East	2009	95 (0.7)	8 (8.4)	12 (12.6)	10 (10.5)	33 (34.7)	**	26 (27.4)	**
3988	Quinte Healthcare Corporation (Belleville)	South East	South East	2010	121 (0.9)	7 (5.8)	22 (18.2)	19 (15.7)	32 (26.4)	6 (5.0)	34 (28.1)	**
3988	Quinte Healthcare Corporation (Belleville)	South East	South East	2011	158 (1.2)	7 (4.4)	20 (12.7)	19 (12.0)	45 (28.5)	6 (3.8)	60 (38.0)	**
3991	Quinte Healthcare Corporation (Bancroft)	South East	South East	2003	13 (0.1)	**	**	**	**	-	**	**
3991	Quinte Healthcare Corporation (Bancroft)	South East	South East	2009	**	-	-	**	**	**	-	-
3991	Quinte Healthcare Corporation (Bancroft)	South East	South East	2010	**	**	-	-	-	**	-	-
3991	Quinte Healthcare Corporation (Bancroft)	South East	South East	2011	9 (0.1)	**	-	6 (66.7)	-	**	-	-
3992	Quinte Healthcare Corporation (Picton)	South East	South East	2003	40 (0.3)	-	7 (17.5)	**	16 (40.0)	**	8 (20.0)	**
3992	Quinte Healthcare Corporation (Picton)	South East	South East	2009	33 (0.2)	**	-	7 (21.2)	12 (36.4)	**	8 (24.2)	**
3992	Quinte Healthcare Corporation (Picton)	South East	South East	2010	22 (0.2)	**	-	**	8 (36.4)	**	**	**
3992	Quinte Healthcare Corporation (Picton)	South East	South East	2011	18 (0.1)	-	-	9 (50.0)	**	**	**	-
3994	Quinte Healthcare Corporation (Trenton)	South East	South East	2003	51 (0.4)	**	9 (17.6)	13 (25.5)	18 (35.3)	**	9 (17.6)	-
3994	Quinte Healthcare Corporation (Trenton)	South East	South East	2009	32 (0.2)	**	6 (18.8)	10 (31.3)	**	-	10 (31.3)	-
3994	Quinte Healthcare Corporation (Trenton)	South East	South East	2010	37 (0.3)	**	**	9 (24.3)	9 (24.3)	**	7 (18.9)	**
3994	Quinte Healthcare Corporation (Trenton)	South East	South East	2011	15 (0.1)	**	**	**	**	**	**	**
1254	Almonte General Hospital	Champlain	Champlain	2003	13 (0.1)	-	**	**	8 (61.5)	**	**	-
1254	Almonte General Hospital	Champlain	Champlain	2009	7 (0.1)	**	-	-	**	**	-	-
1254	Almonte General Hospital	Champlain	Champlain	2010	6 (0.0)	**	**	**	**	-	-	-
1254	Almonte General Hospital	Champlain	Champlain	2011	7 (0.1)	**	-	**	-	-	-	-
1256	Carleton Place & District Memorial Hospital	Champlain	Champlain	2003	22 (0.2)	-	-	-	18 (81.8)	**	**	-
1256	Carleton Place & District Memorial Hospital	Champlain	Champlain	2009	9 (0.1)	-	-	**	**	**	**	-
1256	Carleton Place & District Memorial Hospital	Champlain	Champlain	2010	6 (0.0)	**	-	**	**	**	-	-
1256	Carleton Place & District Memorial Hospital	Champlain	Champlain	2011	9 (0.1)	**	**	**	**	**	-	-
1284	Kemptville District Hospital	Champlain	Champlain	2003	19 (0.1)	**	**	**	12 (63.2)	-	-	**
1284	Kemptville District Hospital	Champlain	Champlain	2009	**	**	-	-	**	**	-	**
1284	Kemptville District Hospital	Champlain	Champlain	2010	**	-	-	-	**	-	-	-
1284	Kemptville District Hospital	Champlain	Champlain	2011	**	-	-	-	**	-	-	-
1661	Hôpital Montfort	Champlain	Champlain	2003	76 (0.6)	**	**	14 (18.4)	30 (39.5)	10 (13.2)	17 (22.4)	**
1661	Hôpital Montfort	Champlain	Champlain	2009	91 (0.7)	**	**	22 (24.2)	28 (30.8)	8 (8.8)	30 (33.0)	**
1661	Hôpital Montfort	Champlain	Champlain	2010	77 (0.6)	**	**	13 (16.9)	29 (37.7)	6 (7.8)	22 (28.6)	**
1661	Hôpital Montfort	Champlain	Champlain	2011	82 (0.6)	**	6 (7.3)	13 (15.9)	26 (31.7)	**	30 (36.6)	**
1681	Queensway-Carleton Hospital	Champlain	Champlain	2003	161 (1.2)	**	**	30 (18.6)	87 (54.0)	18 (11.2)	22 (13.7)	**
1681	Queensway-Carleton Hospital	Champlain	Champlain	2009	98 (0.7)	**	**	22 (22.4)	25 (25.5)	12 (12.2)	35 (35.7)	-
1681	Queensway-Carleton Hospital	Champlain	Champlain	2010	95 (0.7)	**	**	10 (10.5)	32 (33.7)	13 (13.7)	32 (33.7)	**
1681	Queensway-Carleton Hospital	Champlain	Champlain	2011	113 (0.8)	7 (6.2)	**	15 (13.3)	33 (29.2)	10 (8.8)	43 (38.1)	**
1777	Hawkesbury & District General Hospital	Champlain	Champlain	2003	20 (0.2)	-	9 (45.0)	-	10 (50.0)	**	-	-
1777	Hawkesbury & District General Hospital	Champlain	Champlain	2009	34 (0.3)	**	13 (38.2)	6 (17.6)	9 (26.5)	**	-	-
1777	Hawkesbury & District General Hospital	Champlain	Champlain	2010	36 (0.3)	-	19 (52.8)	**	10 (27.8)	**	-	**
1777	Hawkesbury & District General Hospital	Champlain	Champlain	2011	30 (0.2)	**	9 (30.0)	**	12 (40.0)	6 (20.0)	-	-
1799	Arnprior & District Memorial Hospital	Champlain	Champlain	2003	17 (0.1)	-	**	6 (35.3)	9 (52.9)	-	-	**
1799	Arnprior & District Memorial Hospital	Champlain	Champlain	2009	18 (0.1)	**	**	6 (33.3)	6 (33.3)	**	-	-
1799	Arnprior & District Memorial Hospital	Champlain	Champlain	2010	13 (0.1)	**	**	**	**	**	-	**
1799	Arnprior & District Memorial Hospital	Champlain	Champlain	2011	**	-	**	-	**	-	-	**
1801	St. Francis Memorial Hospital	Champlain	Champlain	2003	8 (0.1)	-	**	**	**	-	**	**
1801	St. Francis Memorial Hospital	Champlain	Champlain	2009	**	-	-	**	-	-	**	-
1801	St. Francis Memorial Hospital	Champlain	Champlain	2010	6 (0.0)	-	-	**	**	-	-	-
1801	St. Francis Memorial Hospital	Champlain	Champlain	2011	**	**	**	**	-	-	**	-
1803	Deep River & District Hospital	Champlain	Champlain	2003	**	-	-	-	**	-	-	-
1803	Deep River & District Hospital	Champlain	Champlain	2009	6 (0.0)	-	-	-	**	-	**	**

EXHIBIT 4.6S continued

Group/Subgroup				Year	Sample size	Acute care	Complex continuing care	Home with services	Home without services	Long-term care ²	Rehabilitation	Other ³
Institution No.	Institution (Site)	Local Health Integration Network		Ontario Stroke System Region								
1803	Deep River & District Hospital	Champlain	Champlain	2010	**	-	-	**	-	-	**	-
1803	Deep River & District Hospital	Champlain	Champlain	2011	**	**	-	**	**	-	-	-
1804	Pembroke Regional Hospital Inc.	Champlain	Champlain	2003	101 (0.8)	**	-	**	65 (64.4)	**	28 (27.7)	**
1804	Pembroke Regional Hospital Inc.	Champlain	Champlain	2009	98 (0.7)	9 (9.2)	**	12 (12.2)	37 (37.8)	7 (7.1)	30 (30.6)	**
1804	Pembroke Regional Hospital Inc.	Champlain	Champlain	2010	145 (1.1)	11 (7.6)	**	19 (13.1)	63 (43.4)	6 (4.1)	38 (26.2)	6 (4.1)
1804	Pembroke Regional Hospital Inc.	Champlain	Champlain	2011	135 (1.0)	6 (4.4)	**	15 (11.1)	72 (53.3)	9 (6.7)	28 (20.7)	**
1813	Renfrew Victoria Hospital	Champlain	Champlain	2003	16 (0.1)	-	-	**	10 (62.5)	**	-	**
1813	Renfrew Victoria Hospital	Champlain	Champlain	2009	17 (0.1)	-	-	11 (64.7)	**	**	**	**
1813	Renfrew Victoria Hospital	Champlain	Champlain	2010	7 (0.1)	-	-	**	**	-	**	-
1813	Renfrew Victoria Hospital	Champlain	Champlain	2011	11 (0.1)	**	-	**	**	**	**	-
1870	Glengarry Memorial Hospital	Champlain	Champlain	2003	16 (0.1)	-	**	**	7 (43.8)	**	**	**
1870	Glengarry Memorial Hospital	Champlain	Champlain	2009	6 (0.0)	-	-	**	-	**	**	-
1870	Glengarry Memorial Hospital	Champlain	Champlain	2010	15 (0.1)	-	-	**	**	**	**	**
1870	Glengarry Memorial Hospital	Champlain	Champlain	2011	10 (0.1)	-	**	**	**	-	**	-
1885	Winchester District Memorial Hospital	Champlain	Champlain	2003	40 (0.3)	**	**	**	23 (57.5)	**	**	**
1885	Winchester District Memorial Hospital	Champlain	Champlain	2009	21 (0.2)	-	6 (28.6)	**	9 (42.9)	-	**	-
1885	Winchester District Memorial Hospital	Champlain	Champlain	2010	19 (0.1)	-	**	**	8 (42.1)	**	-	**
1885	Winchester District Memorial Hospital	Champlain	Champlain	2011	18 (0.1)	-	6 (33.3)	**	7 (38.9)	**	-	**
4046	Ottawa Hospital (Civic)	Champlain	Champlain	2003	148 (1.1)	20 (13.5)	**	15 (10.1)	51 (34.5)	20 (13.5)	30 (20.3)	8 (5.4)
4046	Ottawa Hospital (Civic)	Champlain	Champlain	2009	464 (3.5)	43 (9.3)	26 (5.6)	74 (15.9)	182 (39.2)	35 (7.5)	101 (21.8)	**
4046	Ottawa Hospital (Civic)	Champlain	Champlain	2010	496 (3.6)	44 (8.9)	28 (5.6)	55 (11.1)	226 (45.6)	30 (6.0)	107 (21.6)	6 (1.2)
4046	Ottawa Hospital (Civic)	Champlain	Champlain	2011	538 (4.0)	44 (8.2)	27 (5.0)	78 (14.5)	244 (45.4)	28 (5.2)	114 (21.2)	**
4048	Ottawa Hospital (General)	Champlain	Champlain	2003	317 (2.4)	26 (8.2)	6 (1.9)	27 (8.5)	139 (43.8)	35 (11.0)	81 (25.6)	**
4048	Ottawa Hospital (General)	Champlain	Champlain	2009	81 (0.6)	**	7 (8.6)	14 (17.3)	34 (42.0)	6 (7.4)	15 (18.5)	-
4048	Ottawa Hospital (General)	Champlain	Champlain	2010	82 (0.6)	6 (7.3)	**	13 (15.9)	23 (28.0)	15 (18.3)	20 (24.4)	-
4048	Ottawa Hospital (General)	Champlain	Champlain	2011	85 (0.6)	6 (7.1)	10 (11.8)	17 (20.0)	24 (28.2)	8 (9.4)	20 (23.5)	-
4164	University of Ottawa Heart Institute	Champlain	Champlain	2003	**	-	-	-	**	-	-	-
4164	University of Ottawa Heart Institute	Champlain	Champlain	2009	**	-	-	-	**	-	-	-
4164	University of Ottawa Heart Institute	Champlain	Champlain	2010	6 (0.0)	-	-	-	6 (100.0)	-	-	-
4164	University of Ottawa Heart Institute	Champlain	Champlain	2011	6 (0.0)	**	-	-	**	-	**	-
4451	Cornwall Community Hospital	Champlain	Champlain	2003	69 (0.5)	**	**	7 (10.1)	23 (33.3)	**	32 (46.4)	**
4451	Cornwall Community Hospital	Champlain	Champlain	2009	61 (0.5)	**	**	17 (27.9)	11 (18.0)	7 (11.5)	21 (34.4)	**
4451	Cornwall Community Hospital	Champlain	Champlain	2010	81 (0.6)	8 (9.9)	**	14 (17.3)	21 (25.9)	7 (8.6)	29 (35.8)	-
4451	Cornwall Community Hospital	Champlain	Champlain	2011	95 (0.7)	**	**	14 (14.7)	20 (21.1)	5 (5.3)	42 (44.2)	7 (7.4)
1825	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	2003	189 (1.4)	**	**	22 (11.6)	75 (39.7)	13 (6.9)	71 (37.6)	**
1825	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	2009	194 (1.5)	15 (7.7)	6 (3.1)	15 (7.7)	86 (44.3)	9 (4.6)	59 (30.4)	**
1825	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	2010	210 (1.5)	23 (11.0)	**	20 (9.5)	101 (48.1)	10 (4.8)	53 (25.2)	**
1825	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	2011	234 (1.7)	29 (12.4)	-	15 (6.4)	83 (35.5)	10 (4.3)	93 (39.7)	**
1833	Collingwood General & Marine Hospital	North Simcoe Muskoka	Central East	2003	78 (0.6)	**	**	10 (12.8)	49 (62.8)	10 (12.8)	6 (7.7)	-
1833	Collingwood General & Marine Hospital	North Simcoe Muskoka	Central East	2009	65 (0.5)	**	**	9 (13.8)	32 (49.2)	**	17 (26.2)	-
1833	Collingwood General & Marine Hospital	North Simcoe Muskoka	Central East	2010	67 (0.5)	**	-	13 (19.4)	31 (46.3)	**	14 (20.9)	**
1833	Collingwood General & Marine Hospital	North Simcoe Muskoka	Central East	2011	70 (0.5)	-	**	15 (21.4)	30 (42.9)	10 (14.3)	12 (17.1)	**
1844	Georgian Bay General Hospital (Midland)	North Simcoe Muskoka	Central East	2003	80 (0.6)	**	10 (12.5)	-	39 (48.8)	**	22 (27.5)	**
1844	Georgian Bay General Hospital (Midland)	North Simcoe Muskoka	Central East	2009	91 (0.7)	**	11 (12.1)	13 (14.3)	35 (38.5)	6 (6.6)	20 (22.0)	**
1844	Georgian Bay General Hospital (Midland)	North Simcoe Muskoka	Central East	2010	93 (0.7)	**	11 (11.8)	12 (12.9)	39 (41.9)	10 (10.8)	19 (20.4)	-
1844	Georgian Bay General Hospital (Midland)	North Simcoe Muskoka	Central East	2011	84 (0.6)	**	8 (9.5)	13 (15.5)	45 (53.6)	**	13 (15.5)	**
1853	Orillia Soldiers' Memorial Hospital	North Simcoe Muskoka	Central East	2003	143 (1.1)	**	20 (14.0)	**	93 (65.0)	8 (5.6)	-	14 (9.8)
1853	Orillia Soldiers' Memorial Hospital	North Simcoe Muskoka	Central East	2009	80 (0.6)	**	6 (7.5)	12 (15.0)	31 (38.8)	**	24 (30.0)	-
1853	Orillia Soldiers' Memorial Hospital	North Simcoe Muskoka	Central East	2010	90 (0.7)	**	**	23 (25.6)	31 (34.4)	6 (6.7)	23 (25.6)	-
1853	Orillia Soldiers' Memorial Hospital	North Simcoe Muskoka	Central East	2011	93 (0.7)	7 (7.5)	**	22 (23.7)	33 (35.5)	6 (6.5)	23 (24.7)	**
4616	Muskoka Algonquin Healthcare (Huntsville)	North Simcoe Muskoka	Central East	2003	55 (0.4)	**	**	15 (27.3)	29 (52.7)	**	**	**
4616	Muskoka Algonquin Healthcare (Huntsville)	North Simcoe Muskoka	Central East	2009	46 (0.3)	7 (15.2)	**	14 (30.4)	17 (37.0)	-	**	**
4616	Muskoka Algonquin Healthcare (Huntsville)	North Simcoe Muskoka	Central East	2010	41 (0.3)	9 (22.0)	**	10 (24.4)	18 (43.9)	-	**	-

EXHIBIT 4.6S continued

Group/Subgroup				Year	Sample size	Acute care	Complex continuing care	Home with services	Home without services	Long-term care ²	Rehabilitation	Other ³
					Patients ¹ , n (%)							
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region									
4616	Muskoka Algonquin Healthcare (Huntsville)	North Simcoe Muskoka	Central East	2011	46 (0.3)	8 (17.4)	**	15 (32.6)	17 (37.0)	**	**	**
4619	Muskoka Algonquin Healthcare (Bracebridge)	North Simcoe Muskoka	Central East	2003	70 (0.5)	**	**	-	56 (80.0)	**	6 (8.6)	-
4619	Muskoka Algonquin Healthcare (Bracebridge)	North Simcoe Muskoka	Central East	2009	56 (0.4)	**	**	**	44 (78.6)	**	-	**
4619	Muskoka Algonquin Healthcare (Bracebridge)	North Simcoe Muskoka	Central East	2010	64 (0.5)	**	**	**	47 (73.4)	**	6 (9.4)	-
4619	Muskoka Algonquin Healthcare (Bracebridge)	North Simcoe Muskoka	Central East	2011	52 (0.4)	**	**	-	42 (80.8)	**	**	-
2057	Blind River District Health Centre/Pavillon Santé	North East	Northeast	2003	**	**	-	-	**	-	-	-
2057	Blind River District Health Centre/Pavillon Santé	North East	Northeast	2009	**	-	-	-	**	-	-	-
2057	Blind River District Health Centre/Pavillon Santé	North East	Northeast	2010	**	**	**	**	**	-	-	-
2057	Blind River District Health Centre/Pavillon Santé	North East	Northeast	2011	9 (0.1)	**	**	**	**	-	-	-
2058	St. Joseph's General Hospital	North East	Northeast	2003	24 (0.2)	-	-	**	16 (66.7)	**	-	**
2058	St. Joseph's General Hospital	North East	Northeast	2009	29 (0.2)	**	-	**	18 (62.1)	**	-	**
2058	St. Joseph's General Hospital	North East	Northeast	2010	33 (0.2)	**	-	**	25 (75.8)	**	**	-
2058	St. Joseph's General Hospital	North East	Northeast	2011	31 (0.2)	**	-	**	21 (67.7)	**	-	-
2061	Hornepayne Community Hospital	North East	Northeast	2003	**	**	-	-	**	-	-	-
2061	Hornepayne Community Hospital	North East	Northeast	2009	**	-	-	-	**	-	-	-
2061	Hornepayne Community Hospital	North East	Northeast	2010	**	**	-	-	**	**	-	-
2061	Hornepayne Community Hospital	North East	Northeast	2011	**	**	-	-	**	-	-	-
2076	Lady Dunn Health Centre	North East	Northeast	2003	**	-	-	-	**	-	-	-
2076	Lady Dunn Health Centre	North East	Northeast	2009	**	**	-	**	**	-	-	-
2076	Lady Dunn Health Centre	North East	Northeast	2010	6 (0.0)	**	-	-	**	-	-	**
2076	Lady Dunn Health Centre	North East	Northeast	2011	**	**	-	-	-	-	-	-
2078	Lady Minto Hospital	North East	Northeast	2003	9 (0.1)	**	-	-	7 (77.8)	**	-	-
2078	Lady Minto Hospital	North East	Northeast	2009	10 (0.1)	**	-	**	**	**	-	-
2078	Lady Minto Hospital	North East	Northeast	2010	6 (0.0)	**	-	**	**	**	-	-
2078	Lady Minto Hospital	North East	Northeast	2011	7 (0.1)	-	**	-	6 (85.7)	-	-	-
2082	Hôpital Notre-Dame Hospital (Hearst)	North East	Northeast	2003	7 (0.1)	-	-	-	7 (100.0)	-	-	-
2082	Hôpital Notre-Dame Hospital (Hearst)	North East	Northeast	2009	8 (0.1)	-	-	-	8 (100.0)	-	-	-
2082	Hôpital Notre-Dame Hospital (Hearst)	North East	Northeast	2010	**	-	-	**	**	-	**	**
2082	Hôpital Notre-Dame Hospital (Hearst)	North East	Northeast	2011	13 (0.1)	**	-	**	**	-	-	**
2084	Anson General Hospital	North East	Northeast	2003	9 (0.1)	**	-	**	7 (77.8)	-	-	-
2084	Anson General Hospital	North East	Northeast	2009	6 (0.0)	**	**	-	**	**	-	-
2084	Anson General Hospital	North East	Northeast	2010	**	-	**	**	**	-	-	-
2084	Anson General Hospital	North East	Northeast	2011	**	**	-	-	**	-	-	-
2088	Sensenbrenner Hospital	North East	Northeast	2003	20 (0.2)	-	**	-	16 (80.0)	**	-	**
2088	Sensenbrenner Hospital	North East	Northeast	2009	17 (0.1)	**	-	**	13 (76.5)	**	-	-
2088	Sensenbrenner Hospital	North East	Northeast	2010	14 (0.1)	6 (42.9)	**	**	6 (42.9)	-	-	-
2088	Sensenbrenner Hospital	North East	Northeast	2011	10 (0.1)	**	-	**	6 (60.0)	**	-	-
2090	Bingham Memorial Hospital	North East	Northeast	2003	**	-	**	-	**	-	-	-
2090	Bingham Memorial Hospital	North East	Northeast	2009	**	**	-	**	**	-	-	-
2090	Bingham Memorial Hospital	North East	Northeast	2010	9 (0.1)	**	-	-	6 (66.7)	-	-	-
2090	Bingham Memorial Hospital	North East	Northeast	2011	**	-	-	**	**	-	**	-
2094	Smooth Rock Falls Hospital	North East	Northeast	2003	**	-	-	-	**	-	-	-
2094	Smooth Rock Falls Hospital	North East	Northeast	2009	**	-	-	-	**	-	-	-
2094	Smooth Rock Falls Hospital	North East	Northeast	2010	**	**	-	-	**	-	-	-
2094	Smooth Rock Falls Hospital	North East	Northeast	2011	**	-	-	-	**	-	-	-
2121	Manitoulin Health Centre (Little Current)	North East	Northeast	2003	16 (0.1)	**	-	**	8 (50.0)	**	-	-
2121	Manitoulin Health Centre (Little Current)	North East	Northeast	2009	14 (0.1)	**	-	**	8 (57.1)	**	-	-
2121	Manitoulin Health Centre (Little Current)	North East	Northeast	2010	10 (0.1)	**	-	**	**	-	**	**
2121	Manitoulin Health Centre (Little Current)	North East	Northeast	2011	13 (0.1)	-	-	**	6 (46.2)	**	**	-
2123	Manitoulin Health Centre (Mindemoya)	North East	Northeast	2003	19 (0.1)	-	-	**	16 (84.2)	**	-	-
2123	Manitoulin Health Centre (Mindemoya)	North East	Northeast	2009	20 (0.2)	**	-	**	12 (60.0)	**	-	-
2123	Manitoulin Health Centre (Mindemoya)	North East	Northeast	2010	13 (0.1)	**	-	**	10 (76.9)	-	-	-
2123	Manitoulin Health Centre (Mindemoya)	North East	Northeast	2011	10 (0.1)	-	-	**	7 (70.0)	**	-	-

EXHIBIT 4.6S continued

Group/Subgroup				Year	Sample size	Acute care	Complex continuing care	Home with services	Home without services	Long-term care ²	Rehabilitation	Other ³
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region									
2126	Mattawa General Hospital	North East	Northeast	2003	7 (0.1)	-	-	-	**	**	-	**
2126	Mattawa General Hospital	North East	Northeast	2009	8 (0.1)	**	-	**	**	**	-	-
2126	Mattawa General Hospital	North East	Northeast	2010	7 (0.1)	**	-	**	**	-	-	-
2126	Mattawa General Hospital	North East	Northeast	2011	11 (0.1)	-	-	**	7 (63.6)	**	-	-
2173	Services de santé de Chapleau Health Services	North East	Northeast	2003	**	**	**	-	**	-	-	-
2173	Services de santé de Chapleau Health Services	North East	Northeast	2009	**	**	-	-	**	-	-	-
2173	Services de santé de Chapleau Health Services	North East	Northeast	2010	**	**	-	**	-	-	-	-
2173	Services de santé de Chapleau Health Services	North East	Northeast	2011	-	-	-	-	-	-	-	-
2174	Espanola General Hospital	North East	Northeast	2003	13 (0.1)	**	-	-	9 (69.2)	-	-	-
2174	Espanola General Hospital	North East	Northeast	2009	16 (0.1)	**	-	8 (50.0)	6 (37.5)	-	-	-
2174	Espanola General Hospital	North East	Northeast	2010	20 (0.1)	**	-	**	12 (60.0)	**	-	-
2174	Espanola General Hospital	North East	Northeast	2011	15 (0.1)	**	-	**	9 (60.0)	**	-	**
2204	Englehart & District Hospital	North East	Northeast	2003	**	**	-	-	**	**	-	-
2204	Englehart & District Hospital	North East	Northeast	2009	13 (0.1)	**	-	**	8 (61.5)	**	-	-
2204	Englehart & District Hospital	North East	Northeast	2010	**	-	-	**	**	**	**	-
2204	Englehart & District Hospital	North East	Northeast	2011	10 (0.1)	**	-	**	7 (70.0)	**	-	-
2207	Temiskaming Hospital	North East	Northeast	2003	37 (0.3)	**	-	**	25 (67.6)	**	-	-
2207	Temiskaming Hospital	North East	Northeast	2009	24 (0.2)	**	-	-	23 (95.8)	-	-	-
2207	Temiskaming Hospital	North East	Northeast	2010	25 (0.2)	**	-	**	19 (76.0)	-	-	**
2207	Temiskaming Hospital	North East	Northeast	2011	21 (0.2)	**	-	**	15 (71.4)	-	**	-
2211	Kirkland & District Hospital	North East	Northeast	2003	24 (0.2)	**	**	**	10 (41.7)	**	-	**
2211	Kirkland & District Hospital	North East	Northeast	2009	14 (0.1)	**	-	**	5 (35.7)	**	**	-
2211	Kirkland & District Hospital	North East	Northeast	2010	19 (0.1)	**	-	**	10 (52.6)	**	**	-
2211	Kirkland & District Hospital	North East	Northeast	2011	17 (0.1)	**	-	**	10 (58.8)	**	**	**
2812	West Nipissing General Hospital	North East	Northeast	2003	27 (0.2)	**	**	-	17 (63.0)	**	-	-
2812	West Nipissing General Hospital	North East	Northeast	2009	22 (0.2)	**	**	-	15 (68.2)	**	-	**
2812	West Nipissing General Hospital	North East	Northeast	2010	15 (0.1)	**	**	-	8 (53.3)	**	-	-
2812	West Nipissing General Hospital	North East	Northeast	2011	23 (0.2)	-	9 (39.1)	-	9 (39.1)	**	-	-
3414	Timmins & District General Hospital	North East	Northeast	2003	54 (0.4)	**	7 (13.0)	8 (14.8)	28 (51.9)	7 (13.0)	-	**
3414	Timmins & District General Hospital	North East	Northeast	2009	81 (0.6)	**	**	6 (7.4)	36 (44.4)	**	30 (37.0)	-
3414	Timmins & District General Hospital	North East	Northeast	2010	72 (0.5)	**	**	**	40 (55.6)	**	20 (27.8)	**
3414	Timmins & District General Hospital	North East	Northeast	2011	77 (0.6)	**	6 (7.8)	6 (7.8)	37 (48.1)	**	21 (27.3)	-
3729	West Parry Sound Health Centre	North East	Northeast	2003	27 (0.2)	**	**	-	22 (81.5)	-	-	-
3729	West Parry Sound Health Centre	North East	Northeast	2009	33 (0.2)	**	**	**	19 (57.6)	**	**	-
3729	West Parry Sound Health Centre	North East	Northeast	2010	32 (0.2)	**	**	**	21 (65.6)	-	**	-
3729	West Parry Sound Health Centre	North East	Northeast	2011	54 (0.4)	**	-	**	36 (66.7)	-	10 (18.5)	**
4059	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	2003	289 (2.2)	20 (6.9)	**	45 (15.6)	150 (51.9)	20 (6.9)	51 (17.6)	**
4059	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	2009	266 (2.0)	13 (4.9)	9 (3.4)	57 (21.4)	106 (39.8)	12 (4.5)	63 (23.7)	6 (2.3)
4059	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	2010	265 (1.9)	17 (6.4)	11 (4.2)	50 (18.9)	92 (34.7)	16 (6.0)	75 (28.3)	**
4059	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	2011	260 (1.9)	25 (9.6)	**	35 (13.5)	93 (35.8)	21 (8.1)	79 (30.4)	**
4407	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	2003	160 (1.2)	10 (6.3)	30 (18.8)	16 (10.0)	68 (42.5)	**	23 (14.4)	8 (5.0)
4407	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	2009	165 (1.2)	**	**	29 (17.6)	71 (43.0)	11 (6.7)	42 (25.5)	**
4407	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	2010	167 (1.2)	7 (4.2)	12 (7.2)	18 (10.8)	91 (54.5)	**	31 (18.6)	**
4407	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	2011	194 (1.4)	**	10 (5.2)	24 (12.4)	99 (51.0)	6 (3.1)	51 (26.3)	**
4698	Weeneebayko Area Health Authority (Moose Factory)	North East	Northeast	2003	8 (0.1)	**	-	-	6 (75.0)	-	**	-
4698	Weeneebayko Area Health Authority (Moose Factory)	North East	Northeast	2009	8 (0.1)	**	-	-	7 (87.5)	-	-	-
4698	Weeneebayko Area Health Authority (Moose Factory)	North East	Northeast	2010	7 (0.1)	**	-	-	**	-	-	-
4698	Weeneebayko Area Health Authority (Moose Factory)	North East	Northeast	2011	**	-	-	-	**	-	-	-
4730	North Bay Regional Health Centre	North East	Northeast	2003	131 (1.0)	**	-	14 (10.7)	82 (62.6)	15 (11.5)	15 (11.5)	**
4730	North Bay Regional Health Centre	North East	Northeast	2009	121 (0.9)	7 (5.8)	-	15 (12.4)	67 (55.4)	8 (6.6)	23 (19.0)	**
4730	North Bay Regional Health Centre	North East	Northeast	2010	141 (1.0)	6 (4.3)	**	15 (10.6)	65 (46.1)	18 (12.8)	27 (19.1)	9 (6.4)
4730	North Bay Regional Health Centre	North East	Northeast	2011	133 (1.0)	**	**	15 (11.3)	77 (57.9)	7 (5.3)	25 (18.8)	**
2103	Dryden Regional Health Centre	North West	Northwest	2003	11 (0.1)	**	-	**	**	-	-	**

EXHIBIT 4.6S continued

Group/Subgroup				Year	Sample size	Acute care	Complex continuing care	Home with services	Home without services	Long-term care ²	Rehabilitation	Other ³
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region									
2103	Dryden Regional Health Centre	North West	Northwest	2009	6 (0.0)	**	-	-	**	**	**	-
2103	Dryden Regional Health Centre	North West	Northwest	2010	14 (0.1)	8 (57.1)	-	**	**	**	-	-
2103	Dryden Regional Health Centre	North West	Northwest	2011	**	**	-	**	**	**	-	-
2110	Lake-of-the-Woods District Hospital	North West	Northwest	2003	26 (0.2)	**	10 (38.5)	**	10 (38.5)	-	-	-
2110	Lake-of-the-Woods District Hospital	North West	Northwest	2009	32 (0.2)	**	**	**	15 (46.9)	**	**	**
2110	Lake-of-the-Woods District Hospital	North West	Northwest	2010	29 (0.2)	**	**	6 (20.7)	11 (37.9)	**	**	**
2110	Lake-of-the-Woods District Hospital	North West	Northwest	2011	36 (0.3)	**	-	8 (22.2)	18 (50.0)	**	**	**
2115	Red Lake Margaret Cochenour Memorial Hospital	North West	Northwest	2003	**	**	-	-	**	-	-	-
2115	Red Lake Margaret Cochenour Memorial Hospital	North West	Northwest	2009	7 (0.1)	**	-	-	**	**	-	-
2115	Red Lake Margaret Cochenour Memorial Hospital	North West	Northwest	2010	6 (0.0)	**	-	-	**	-	-	**
2115	Red Lake Margaret Cochenour Memorial Hospital	North West	Northwest	2011	**	**	-	-	**	-	-	-
2147	Atikokan General Hospital	North West	Northwest	2003	6 (0.0)	**	**	**	**	-	-	-
2147	Atikokan General Hospital	North West	Northwest	2009	**	**	-	-	**	-	-	-
2147	Atikokan General Hospital	North West	Northwest	2010	6 (0.0)	**	-	-	**	-	-	-
2147	Atikokan General Hospital	North West	Northwest	2011	7 (0.1)	**	-	-	**	-	-	**
2148	Riverside Health Care Facility (Emo)	North West	Northwest	2003	**	-	-	-	**	-	-	-
2148	Riverside Health Care Facility (Emo)	North West	Northwest	2009	**	-	-	-	**	-	-	-
2148	Riverside Health Care Facility (Emo)	North West	Northwest	2010	-	-	-	-	-	-	-	-
2148	Riverside Health Care Facility (Emo)	North West	Northwest	2011	**	-	-	-	**	-	-	-
2150	Riverside Health Care Facility (La Vérendrye)	North West	Northwest	2003	20 (0.2)	-	7 (35.0)	-	11 (55.0)	**	-	**
2150	Riverside Health Care Facility (La Vérendrye)	North West	Northwest	2009	27 (0.2)	**	6 (22.2)	**	14 (51.9)	**	-	-
2150	Riverside Health Care Facility (La Vérendrye)	North West	Northwest	2010	20 (0.1)	**	-	**	10 (50.0)	**	-	-
2150	Riverside Health Care Facility (La Vérendrye)	North West	Northwest	2011	18 (0.1)	**	**	**	10 (55.6)	-	-	**
2153	Riverside Health Care Facility (Rainy River)	North West	Northwest	2003	**	-	-	-	**	-	-	-
2153	Riverside Health Care Facility (Rainy River)	North West	Northwest	2009	**	**	-	-	-	**	-	-
2153	Riverside Health Care Facility (Rainy River)	North West	Northwest	2010	**	**	-	**	**	**	-	-
2153	Riverside Health Care Facility (Rainy River)	North West	Northwest	2011	**	**	-	**	**	-	-	-
2175	Geraldton District Hospital	North West	Northwest	2003	**	**	**	-	**	-	-	-
2175	Geraldton District Hospital	North West	Northwest	2009	**	**	-	-	**	-	-	-
2175	Geraldton District Hospital	North West	Northwest	2010	**	**	-	-	**	-	-	-
2175	Geraldton District Hospital	North West	Northwest	2011	**	-	-	-	**	-	-	-
2176	Manitouwadge General Hospital	North West	Northwest	2010	**	**	-	-	-	-	-	-
2176	Manitouwadge General Hospital	North West	Northwest	2011	-	-	-	-	-	-	-	-
2177	Wilson Memorial General Hospital	North West	Northwest	2003	6 (0.0)	**	-	**	**	-	-	-
2177	Wilson Memorial General Hospital	North West	Northwest	2009	**	**	-	-	**	**	-	-
2177	Wilson Memorial General Hospital	North West	Northwest	2010	7 (0.1)	**	-	-	**	-	-	-
2177	Wilson Memorial General Hospital	North West	Northwest	2011	6 (0.0)	**	-	-	**	-	-	-
2178	Nipigon District Memorial Hospital	North West	Northwest	2003	**	**	-	-	**	-	-	-
2178	Nipigon District Memorial Hospital	North West	Northwest	2009	**	-	-	**	**	-	-	-
2178	Nipigon District Memorial Hospital	North West	Northwest	2010	**	**	**	-	**	-	-	-
2178	Nipigon District Memorial Hospital	North West	Northwest	2011	**	-	-	**	**	-	-	-
2180	McCausland Hospital	North West	Northwest	2003	235 (1.8)	11 (4.7)	48 (20.4)	26 (11.1)	123 (52.3)	8 (3.4)	18 (7.7)	**
2180	McCausland Hospital	North West	Northwest	2009	310 (2.3)	25 (8.1)	10 (3.2)	24 (7.7)	129 (41.6)	16 (5.2)	103 (33.2)	**
2180	McCausland Hospital	North West	Northwest	2010	288 (2.1)	11 (3.8)	16 (5.6)	32 (11.1)	131 (45.5)	6 (2.1)	86 (29.9)	6 (2.1)
2180	McCausland Hospital	North West	Northwest	2011	305 (2.3)	15 (4.9)	19 (6.2)	36 (11.8)	130 (42.6)	12 (3.9)	87 (28.5)	6 (2.0)
3853	Thunder Bay Regional Health Sciences Centre	North West	Northwest	2003	6 (0.0)	**	-	**	**	-	-	-
3853	Thunder Bay Regional Health Sciences Centre	North West	Northwest	2009	**	**	-	**	-	-	-	-
3853	Thunder Bay Regional Health Sciences Centre	North West	Northwest	2010	**	**	-	-	**	**	-	-
3853	Thunder Bay Regional Health Sciences Centre	North West	Northwest	2011	**	**	-	-	**	-	**	-
4353	Sioux Lookout Meno Ya Win Health Centre (District)	North West	Northwest	2003	**	**	-	-	**	-	-	-
4353	Sioux Lookout Meno Ya Win Health Centre (District)	North West	Northwest	2009	**	**	-	**	-	-	-	-
4353	Sioux Lookout Meno Ya Win Health Centre (District)	North West	Northwest	2010	-	-	-	-	-	-	-	-
4653	Sioux Lookout Meno Ya Win Health Centre (District)	North West	Northwest	2011	**	**	-	-	**	-	**	-
4356	Sioux Lookout Meno Ya Win Health Centre (Zone)	North West	Northwest	2003	**	**	-	-	**	-	-	-

EXHIBIT 4.6S *continued*

Data source: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD), 2003/04–2011/12.

Inclusion criteria: All patients aged ≥18 years discharged alive from an acute care hospital in Ontario with a diagnosis of stroke (ischemic or hemorrhagic) or transient ischemic attack.

Exclusion criteria: Patients with elective admissions.

1 Based on unique patients (i.e., does not include multiple patient-visits).

2 Includes long-term care nursing homes and long-term care homes for the aged.

3 Includes palliative care.

** Cell value suppressed for reasons of privacy and confidentiality.

Notes:

(1) Facility-based analysis (i.e., the location of the facility is used to report regional performance).

(2) Cells in which there were no reported/available data are marked with a hyphen (-).

(3) See Appendix F for the calculation of stroke/TIA patient discharge disposition from acute care.

EXHIBIT 4.7S Time to carotid intervention within 6 months of hospitalization for adults with stroke or transient ischemic attack, in Ontario and by Ontario Stroke System region and facility, 2003/04 and 2009/10–2011/12

Group/Subgroup				2003/04			2009/10			2010/11			2011/12		
				No. of patients ¹	Mean time (days)	Median time (days)	No. of patients ¹	Mean time (days)	Median time (days)	No. of patients ¹	Mean time (days)	Median time (days)	No. of patients ¹	Mean time (days)	Median time (days)
Ontario				419	61.8	51	518	38.8	22	559	37.1	21	469	33.6	19
Ontario Stroke System Region															
Central East				63	64.1	58	84	40.5	24	73	35.9	17	71	33.4	18
Central South				59	84.9	76	75	47.3	29	91	47.0	27	68	30.8	20
Champlain				42	57.7	43.5	41	50.2	31	52	25.3	11.5	66	26.7	15
Northeast				37	73.4	65	37	49.3	37	55	47.6	35	38	46.6	32.5
Northwest				11	52.0	21	18	38.3	25	17	34.7	27	12	41.1	29
South East				27	52.8	41	31	38.1	25	40	35.9	14	21	39.0	31
Southwest				67	57.3	48	79	46.2	31	80	44.1	30.5	64	43.4	21.5
Toronto - North & East				22	51.9	36.5	28	24.0	10.5	26	22.0	7.5	28	28.5	17
Toronto - Southeast				17	63.6	60	24	30.1	15	22	28.4	18.5	16	16.9	10.5
Toronto - West				28	59.1	43	33	23.6	10	28	45.4	28	36	32.1	19
West GTA				46	42.9	33	68	22.9	14	75	25.2	13	49	29.9	15
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region												
1067	Leamington District Memorial Hospital	Erie St. Clair	Southwest	**	71.0	71	-	-	-	**	13.5	13.5	**	17.0	17
1079	Windsor Regional Hospital (Metropolitan)	Erie St. Clair	Southwest	**	59.0	59	**	53.7	31	11	26.6	11	**	17.7	13
1223	Public General Hospital Society of Chatham	Erie St. Clair	Southwest	**	118.0	118	14	42.1	22	8	34.6	19.5	7	61.7	40
1239	Sydenham District Hospital	Erie St. Clair	Southwest	-	-	-	**	23.0	23	**	77.0	77	-	-	-
3707	Hôtel-Dieu Grace Hospital (St. Joseph)	Erie St. Clair	Southwest	18	34.1	17.5	15	38.3	26	14	53.3	49.5	14	34.2	11.5
4415	Bluewater Health (Sarnia)	Erie St. Clair	Southwest	**	13.0	13	8	64.1	58	**	36.3	33	10	20.3	17.5
4418	Bluewater Health (Petrolia)	Erie St. Clair	Southwest	-	-	-	**	81.0	81	-	-	-	-	-	-
1030	Grey Bruce Health Services (Lion's Head)	South West	Southwest	-	-	-	-	-	-	**	63.0	63	-	-	-
1059	St. Thomas-Elgin General Hospital	South West	Southwest	-	-	-	**	89.0	89	6	79.5	87.5	-	-	-
1124	Hanover & District Hospital	South West	Southwest	-	-	-	-	-	-	**	48.0	48	-	-	-
1199	Clinton Public Hospital	South West	Southwest	-	-	-	-	-	-	-	-	-	**	60.0	60
1203	South Huron Hospital	South West	Southwest	-	-	-	-	-	-	**	52.0	52	**	57.0	57
1206	Alexandra Marine & General Hospital	South West	Southwest	-	-	-	-	-	-	-	-	-	-	-	-
1213	Seaforth Community Hospital	South West	Southwest	-	-	-	-	-	-	-	-	-	**	49.0	49
1217	Wingham & District Hospital	South West	Southwest	**	87.0	87	**	13.0	13	**	52.0	52	**	17.0	17
1497	St. Joseph's Health Care, London	South West	Southwest	**	133.0	133	**	35.0	35	-	-	-	-	-	-
1507	Four Counties Health Services Corporation	South West	Southwest	-	-	-	**	40.0	40	-	-	-	**	35.0	35
1515	Strathroy Middlesex General Hospital	South West	Southwest	**	135.0	135	**	68.0	68	**	56.0	56	**	107.5	107.5
1696	Alexandra Hospital	South West	Southwest	-	-	-	**	85.0	85	**	105.0	105	-	-	-
1709	Tillsonburg District Memorial Hospital	South West	Southwest	**	10.0	10	-	-	-	**	44.0	44	**	104.0	104
1716	Woodstock General Hospital Trust	South West	Southwest	**	132.0	132	7	49.6	55	**	50.0	50	**	77.0	77
1740	Listowel Memorial Hospital	South West	Southwest	-	-	-	-	-	-	-	-	-	**	158.0	158
1748	St. Marys Memorial Hospital	South West	Southwest	-	-	-	-	-	-	-	-	-	-	-	-
1754	Stratford General Hospital	South West	Southwest	**	63.0	53	**	64.6	49	**	46.7	22	-	-	-
3850	London Health Sciences Centre (University)	South West	Southwest	23	59.4	49	14	27.5	11	16	38.9	18.5	16	42.6	14.5
3907	South Bruce Grey Health Centre (Kincardine)	South West	Southwest	-	-	-	-	-	-	-	-	-	-	-	-
3944	Grey Bruce Health Services (Owen Sound)	South West	Southwest	6	59.7	47.5	**	80.5	80.5	**	24.0	19	**	41.5	41.5
4025	Grey Bruce Health Services (Markdale)	South West	Southwest	**	77.0	77	**	9.0	9	-	-	-	-	-	-
4027	Grey Bruce Health Services (Meaford)	South West	Southwest	-	-	-	-	-	-	-	-	-	-	-	-
4030	Grey Bruce Health Services (Southampton)	South West	Southwest	-	-	-	-	-	-	-	-	-	**	55.0	55
4033	Grey Bruce Health Services (Warton)	South West	Southwest	-	-	-	**	60.0	60	-	-	-	-	-	-
4036	South Bruce Grey Health Centre (Durham)	South West	Southwest	**	12.0	12	-	-	-	-	-	-	-	-	-
4042	South Bruce Grey Health Centre (Chesley)	South West	Southwest	-	-	-	-	-	-	**	78.0	78	-	-	-
1905	Cambridge Memorial Hospital	Waterloo Wellington	Central South	**	62.0	48	**	70.3	41	**	46.0	46	-	-	-
1921	St. Mary's General Hospital	Waterloo Wellington	Central South	**	133.5	133.5	**	48.7	55	**	76.7	56	**	33.3	28
1936	Groves Memorial Community Hospital	Waterloo Wellington	Central South	-	-	-	**	140.0	140	**	14.0	14	-	-	-
1946	Guelph General Hospital	Waterloo Wellington	Central South	**	62.4	50	7	32.1	15	**	34.5	7	**	52.7	41
3734	Grand River Hospital Corporation (Waterloo)	Waterloo Wellington	Central South	**	109.8	132	6	26.3	13	12	32.3	15.5	7	41.1	29
4323	North Wellington Health Care (Mount Forest)	Waterloo Wellington	Central South	-	-	-	-	-	-	**	78.0	78	-	-	-
4326	North Wellington Health Care (Palmerston)	Waterloo Wellington	Central South	-	-	-	-	-	-	**	9.0	9	-	-	-
1146	Haldimand War Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	-	-	-	-	-	-	**	39.5	39.5	-	-	-
1149	West Haldimand General Hospital	Hamilton Niagara Haldimand Brant	Central South	-	-	-	-	-	-	-	-	-	-	-	-

EXHIBIT 4.7S continued

Group/Subgroup				2003/04			2009/10			2010/11			2011/12		
				No. of patients ¹	Mean time (days)	Median time (days)	No. of patients ¹	Mean time (days)	Median time (days)	No. of patients ¹	Mean time (days)	Median time (days)	No. of patients ¹	Mean time (days)	Median time (days)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region												
1160	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	**	82.5	71.5	7	59.3	38	**	84.0	77.5	-	-	-
1538	West Lincoln Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	**	95.0	80	**	3.0	3	**	58.0	58	**	24.5	24.5
1591	Norfolk General Hospital	Hamilton Niagara Haldimand Brant	Central South	**	27.0	27	**	37.0	37	**	38.5	38.5	**	34.0	34
1982	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	15	70.6	58	13	25.1	13	17	29.2	17	22	17.3	12
1983	Hamilton Health Sciences Corp (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	**	113.0	127	**	61.0	61	**	87.0	87	**	43.0	12.5
1994	Hamilton Health Sciences Corp (McMaster)	Hamilton Niagara Haldimand Brant	Central South	**	26.0	26	**	162.0	162	**	63.7	39	-	-	-
2003	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	**	123.2	118	**	24.0	15	**	108.4	134	**	22.0	16
3644	St. Joseph's Community Health Centre	Hamilton Niagara Haldimand Brant	Central South	**	46.0	46	**	108.0	108	**	61.0	61	**	88.0	88
4210	Niagara Health System (Fort Erie Douglas)	Hamilton Niagara Haldimand Brant	Central South	**	34.0	34	-	-	-	-	-	-	-	-	-
4213	Niagara Health System (Greater Niagara)	Hamilton Niagara Haldimand Brant	Central South	**	105.0	105	7	61.1	43	10	43.1	35	**	56.3	41.5
4219	Niagara Health System (Port Colborne)	Hamilton Niagara Haldimand Brant	Central South	**	168.0	168	-	-	-	-	-	-	-	-	-
4224	Niagara Health System (St. Catharines)	Hamilton Niagara Haldimand Brant	Central South	**	87.0	79	7	24.3	17	8	50.5	26.5	6	35.5	23
4227	Niagara Health System (Welland County)	Hamilton Niagara Haldimand Brant	Central South	-	-	-	**	87.8	110	**	109.0	109	**	33.5	33
4627	Niagara Health System (Ontario Street)	Hamilton Niagara Haldimand Brant	Central South	-	-	-	-	-	-	-	-	-	-	-	-
4675	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	**	134.0	134	6	50.0	44	10	25.8	22.5	7	23.4	16
4680	Brant Community Healthcare System (Willet)	Hamilton Niagara Haldimand Brant	Central South	-	-	-	-	-	-	-	-	-	-	-	-
3684	Headwaters Health Care Centre (Dufferin)	Central West	West GTA	**	73.0	81	**	3.0	3	**	21.0	20.5	-	-	-
3929	William Osler Health System (Etobicoke)	Central West	West GTA	**	75.0	75	**	56.7	54	6	51.3	59.5	6	69.5	73.5
4016	William Osler Health System (Brampton)	Central West	West GTA	**	43.0	40	-	-	-	-	-	-	-	-	-
4681	William Osler Health System (Civic)	Central West	West GTA	-	-	-	**	38.8	24	6	18.8	11	9	41.8	25
3286	Credit Valley Hospital	Mississauga Halton	West GTA	**	95.3	104.5	**	28.2	8	9	38.2	13	**	9.8	11
3917	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	26	28.4	23	46	15.4	10.5	41	17.8	10	23	18.7	11
3926	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	**	24.0	24	**	35.8	17	**	47.0	38	**	22.5	22.5
4019	William Osler Health Centre (Georgetown)	Mississauga Halton	West GTA	**	31.7	38	-	-	-	-	-	-	-	-	-
4022	Halton Healthcare Services Corp (Milton)	Mississauga Halton	West GTA	-	-	-	**	19.0	19	**	19.0	19	**	38.0	38
4363	Trillium Health Centre (West Toronto)	Mississauga Halton	West GTA	**	48.0	48	**	60.0	60	**	3.0	3	**	50.0	50
4622	Halton Healthcare Services Corp (Georgetown)	Mississauga Halton	West GTA	-	-	-	**	106.0	106	**	35.0	35	**	23.0	23
1302	Toronto East General Hospital	Toronto Central	Toronto - Southeast	10	53.4	31	**	22.0	23	6	29.2	19.5	-	-	-
1423	Mount Sinai Hospital	Toronto Central	Toronto - West	**	157.0	157	**	9.8	7	-	-	-	**	29.0	29
1443	St. Joseph's Health Centre	Toronto Central	Toronto - West	7	68.6	80	**	47.0	47	**	90.5	94	7	52.1	64
1444	St. Michael's Hospital	Toronto Central	Toronto - Southeast	**	100.0	90.5	14	24.2	8.5	12	26.3	14	11	9.7	9
3910	University Health Network	Toronto Central	Toronto - West	11	49.6	32	21	14.2	9	16	29.9	11.5	21	21.1	11
3936	Sunnybrook Health Sciences Centre	Toronto Central	Toronto - North & East	13	49.2	22	17	13.6	7	15	10.3	5	9	12.9	9
4269	Sunnybrook & Women's College Hospital	Toronto Central	Toronto - North & East	-	-	-	-	-	-	-	-	-	-	-	-
1330	North York General Hospital	Central	Toronto - North & East	**	57.4	41	**	32.0	21	**	16.4	12	17	21.8	18
1343	Humber River Regional Hospital (York-Finch)	Central	Toronto - West	**	67.0	67	**	68.3	23	**	22.5	22.5	**	37.0	37
1817	Stevenson Memorial Hospital, Alliston	Central	Central East	**	9.0	9	**	66.5	66.5	**	92.5	92.5	**	55.0	55
2038	Southlake Regional Health Centre	Central	Central East	**	88.4	64	8	53.3	37	8	35.9	16	**	42.0	34
2046	Mackenzie Health	Central	Central East	**	50.3	50.5	8	17.4	12.5	8	16.6	8	14	22.6	11
3587	Markham Stouffville Hospital	Central	Central East	**	63.8	61.5	**	36.3	19	**	37.0	7	**	15.3	15
3883	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	8	50.5	39.5	**	47.0	39	6	64.5	42.5	**	50.0	46
4465	Markham Stouffville Hospital (Uxbridge)	Central East	Central East	**	67.0	67	**	33.0	33	**	148.0	148	**	58.0	58
1597	Campbellford Memorial Hospital	Central East	Central East	-	-	-	-	-	-	**	60.5	60.5	**	26.5	26.5
1768	Peterborough Regional Health Centre	Central East	Central East	9	45.4	35	13	15.8	12	6	42.2	37	11	12.3	9
1893	Ross Memorial Hospital	Central East	Central East	**	10.0	10	**	68.0	68	**	37.0	37	**	10.0	10
3737	Haliburton Highlands Health Services Corp (Haliburton)	Central East	Central East	-	-	-	**	7.0	7	**	50.0	50	-	-	-
3860	Northumberland Hills Hospital	Central East	Central East	**	41.0	22	**	56.8	61	**	55.0	55	**	71.0	71
3932	Lakeridge Health Corporation (Oshawa)	Central East	Central East	7	75.6	64	7	42.6	23	6	65.7	40.5	6	36.5	22.5
3943	Rouge Valley Health System (Centenary)	Central East	Toronto - Southeast	**	49.0	39	**	15.0	15	**	43.5	43.5	-	-	-
4005	Lakeridge Health Corporation (Port Perry)	Central East	Central East	**	84.7	83	**	127.0	127	**	36.0	36	-	-	-
4008	Lakeridge Health Corporation (Bowmanville)	Central East	Central East	**	114.5	114.5	**	36.0	36	**	12.3	13	**	27.0	27
4014	Rouge Valley Health System (Ajax)	Central East	Toronto - Southeast	-	-	-	**	81.3	59	**	23.0	23	**	32.6	37
4152	Scarborough Hospital (General)	Central East	Toronto - North & East	**	48.0	43	**	48.0	44	**	29.3	21	**	156.0	156
4154	Scarborough Hospital (Grace)	Central East	Toronto - North & East	**	72.0	72	**	42.0	18	**	82.7	70	-	-	-
4191	Haliburton Highlands Health Services Corp (Minden)	Central East	Central East	-	-	-	-	-	-	**	24.0	24	-	-	-

EXHIBIT 4.7S continued

Group/Subgroup				2003/04			2009/10			2010/11			2011/12		
				No. of patients ¹	Mean time (days)	Median time (days)	No. of patients ¹	Mean time (days)	Median time (days)	No. of patients ¹	Mean time (days)	Median time (days)	No. of patients ¹	Mean time (days)	Median time (days)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region												
1097	Hotel Dieu Hospital (Kingston)	South East	South East	-	-	-	-	-	-	-	-	-	-	-	-
1100	Kingston General Hospital	South East	South East	9	36.4	14	14	38.2	20	18	23.9	8	6	28.8	16
1269	Perth & Smiths Falls District Hospital (Smiths Falls)	South East	South East	**	62.7	71	**	39.3	25	**	21.8	24.5	-	-	-
1273	Brockville General Hospital	South East	South East	-	-	-	**	105.0	105	**	6.0	6	**	59.0	53
1295	Lennox & Addington County General Hospital	South East	South East	**	66.0	66	**	16.5	16.5	**	60.3	78	**	6.0	6
3732	Perth & Smiths Falls District Hospital (Perth)	South East	South East	**	91.0	91	-	-	-	**	128.0	128	**	34.0	34
3988	Quinte Healthcare Corporation (Belleville)	South East	South East	**	54.6	22	**	18.5	18.5	**	28.6	10	6	57.5	31.5
3991	Quinte Healthcare Corporation (Bancroft)	South East	South East	**	58.0	58	-	-	-	-	-	-	-	-	-
3992	Quinte Healthcare Corporation (Picton)	South East	South East	**	10.0	10	7	32.1	21	**	72.3	88	**	16.0	16
3994	Quinte Healthcare Corporation (Trenton)	South East	South East	**	98.5	95.5	**	22.0	22	**	49.3	26	**	51.0	51
4601	Hotel Dieu Hospital (Kingston)	South East	South East	-	-	-	-	-	-	**	45.0	45	**	8.5	8.5
1254	Almonte General Hospital	Champlain	Champlain	**	152.0	152	-	-	-	-	-	-	-	-	-
1256	Carleton Place & District Memorial Hospital	Champlain	Champlain	-	-	-	-	-	-	-	-	-	**	124.0	124
1284	Kemptville District Hospital	Champlain	Champlain	-	-	-	-	-	-	-	-	-	-	-	-
1661	Hôpital Montfort	Champlain	Champlain	**	65.7	39	**	48.0	48	**	5.7	5	**	36.0	23
1681	Queensway-Carleton Hospital	Champlain	Champlain	7	83.7	107	-	-	-	**	67.5	60	**	29.4	29
1777	Hawkesbury & District General Hospital	Champlain	Champlain	**	98.0	98	-	-	-	**	24.0	24	**	117.5	117.5
1799	Arnprior & District Memorial Hospital	Champlain	Champlain	**	46.0	46	**	49.5	49.5	**	64.0	64	-	-	-
1801	St. Francis Memorial Hospital	Champlain	Champlain	-	-	-	-	-	-	**	9.0	9	-	-	-
1804	Pembroke Regional Hospital Inc.	Champlain	Champlain	**	26.0	26	**	112.7	117	**	22.0	29	**	29.7	18
1813	Renfrew Victoria Hospital	Champlain	Champlain	**	79.3	91	-	-	-	**	5.0	5	**	35.5	35.5
1870	Glengarry Memorial Hospital	Champlain	Champlain	**	53.0	53	-	-	-	-	-	-	**	32.0	32
1885	Winchester District Memorial Hospital	Champlain	Champlain	**	162.0	162	**	168.0	168	-	-	-	**	23.0	23
4046	Ottawa Hospital (Civic)	Champlain	Champlain	11	35.6	24	23	39.0	24	30	18.0	9	37	14.5	9
4048	Ottawa Hospital (General)	Champlain	Champlain	10	36.8	25	7	35.4	24	**	15.7	17	**	22.4	24
4451	Cornwall Community Hospital	Champlain	Champlain	**	10.0	10	**	71.3	44	**	104.0	104	**	47.5	36
4164	University of Ottawa Heart Institute	Champlain	Champlain	-	-	-	-	-	-	-	-	-	**	71.0	71
1825	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	10	59.3	53.5	17	44.5	11	13	18.1	**	12	22.3	11
1833	Collingwood General & Marine Hospital	North Simcoe Muskoka	Central East	6	78.0	83.5	**	41.0	31	**	27.7	32	**	100.5	100.5
1844	Georgian Bay General Hospital (Midland)	North Simcoe Muskoka	Central East	**	96.0	96	**	47.8	50.5	**	23.0	23	**	89.0	89
1853	Orillia Soldiers' Memorial Hospital	North Simcoe Muskoka	Central East	**	3.5	3.5	**	93.8	96.5	**	15.0	7	**	81.2	101
4616	Muskoka Algonquin Healthcare (Huntsville)	North Simcoe Muskoka	Central East	**	57.5	57.5	**	5.0	5	**	111.0	111	**	10.0	10
4619	Muskoka Algonquin Healthcare (Bracebridge)	North Simcoe Muskoka	Central East	**	137.0	137	**	26.8	27	**	6.0	6	**	38.0	38
2057	Blind River District Health Centre/Pavillon Santé	North East	Northeast	-	-	-	**	73.0	73	-	-	-	-	-	-
2058	St. Joseph's General Hospital	North East	Northeast	**	44.0	44	**	41.5	41.5	**	89.5	89.5	**	88.0	88
2061	Hornepayne Community Hospital	North East	Northeast	-	-	-	-	-	-	**	153.0	153	-	-	-
2075	Sault Area Hospital (Thessalon)	North East	Northeast	-	-	-	-	-	-	-	-	-	-	-	-
2076	Lady Dunn Health Centre	North East	Northeast	-	-	-	**	44.5	44.5	**	10.0	10	-	-	-
2078	Lady Minto Hospital	North East	Northeast	**	136.0	136	-	-	-	**	77.0	77	-	-	-
2082	Hôpital Notre-Dame Hospital (Hearst)	North East	Northeast	**	104.0	104	-	-	-	-	-	-	-	-	-
2084	Anson General Hospital	North East	Northeast	**	23.0	23	-	-	-	**	8.0	8	-	-	-
2088	Sensenbrenner Hospital	North East	Northeast	**	104.0	104	-	-	-	**	10.0	10	**	136.0	136
2090	Bingham Memorial Hospital	North East	Northeast	-	-	-	-	-	-	-	-	-	-	-	-
2121	Manitoulin Health Centre (Little Current)	North East	Northeast	-	-	-	-	-	-	-	-	-	**	129.0	129
2123	Manitoulin Health Centre (Mindemoya)	North East	Northeast	-	-	-	-	-	-	**	57.3	51	**	39.0	39
2126	Mattawa General Hospital	North East	Northeast	-	-	-	-	-	-	-	-	-	-	-	-
2173	Services de santé de Chapleau Health Services	North East	Northeast	**	96.0	96	-	-	-	-	-	-	-	-	-
2174	Espanola General Hospital	North East	Northeast	-	-	-	-	-	-	**	70.7	35	**	67.0	67
2204	Englehart & District Hospital	North East	Northeast	-	-	-	-	-	-	-	-	-	-	-	-
2207	Temiskaming Hospital	North East	Northeast	**	174.0	174	**	112.0	112	**	34.0	34	**	75.0	75
2211	Kirkland & District Hospital	North East	Northeast	**	105.5	105.5	-	-	-	-	-	-	-	-	-
2812	West Nipissing General Hospital	North East	Northeast	-	-	-	**	86.0	86	**	104.0	94.5	**	74.0	74
3414	Timmins & District General Hospital	North East	Northeast	**	29.7	27	**	9.0	9	**	54.5	54.5	**	61.6	58
3729	West Parry Sound Health Centre	North East	Northeast	**	83.0	84	**	7.7	9	-	-	-	-	-	-
4059	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	9	51.4	38	14	56.7	35.5	19	31.0	20	15	25.8	15

EXHIBIT 4.7S continued

Group/Subgroup				2003/04			2009/10			2010/11			2011/12		
				No. of patients ¹	Mean time (days)	Median time (days)	No. of patients ¹	Mean time (days)	Median time (days)	No. of patients ¹	Mean time (days)	Median time (days)	No. of patients ¹	Mean time (days)	Median time (days)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region												
4407	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	7	65.0	61	6	39.7	31	10	32.6	24	6	42.5	23
4698	Weeneebayko Area Health Authority (Moose Factory)	North East	Northeast	-	-	-	-	-	-	-	-	-	-	-	-
4730	North Bay Regional Health Centre	North East	Northeast	**	100.3	110	**	61.6	44	6	54.2	43	**	21.3	9
2103	Dryden Regional Health Centre	North West	Northwest	-	-	-	**	46.0	46	**	26.0	26	**	60.5	60.5
2110	Lake-of-the-Woods District Hospital	North West	Northwest	-	-	-	**	18.0	18	-	-	-	-	-	-
2115	Red Lake Margaret Cochenour Memorial Hospital	North West	Northwest	-	-	-	-	-	-	-	-	-	-	-	-
2147	Atikokan General Hospital	North West	Northwest	-	-	-	-	-	-	**	14.5	14.5	-	-	-
2153	Riverside Health Care Facility (Rainy River)	North West	Northwest	-	-	-	**	25.0	25	-	-	-	-	-	-
2175	Geraldton District Hospital	North West	Northwest	**	121.0	121	-	-	-	-	-	-	-	-	-
2176	Manitouwadge General Hospital	North West	Northwest	-	-	-	-	-	-	-	-	-	-	-	-
2177	Wilson Memorial General Hospital	North West	Northwest	-	-	-	**	8.0	8	-	-	-	**	27.0	27
2178	Nipigon District Memorial Hospital	North West	Northwest	-	-	-	-	-	-	**	16.0	16	-	-	-
3853	Thunder Bay Regional Health Sciences Centre	North West	Northwest	10	45.1	17.5	14	42.4	25.5	12	41.1	35.5	9	38.3	31
4353	Sioux Lookout Meno Ya Win Health Centre (District)	North West	Northwest	-	-	-	-	-	-	-	-	-	-	-	-

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD), 2003/04-2011/12, and National Ambulatory Care Reporting System (NACRS), 2003/04-2011/12.

Inclusion criteria: All patients aged >18 years who visited or were admitted to an acute care hospital for stroke or transient ischemic attack who underwent carotid revascularization through carotid endarterectomy or carotid artery stenting within six months of the index stroke/TIA event acute care hospital admission date, starting in 2003.

¹ Based on unique patients (i.e., does not include multiple patient-visits).

** Cell value suppressed for reasons of privacy and confidentiality.

Notes:

- (1) Facility-based analysis (i.e., the location of the facility where the index stroke event occurred is used to report regional performance).
- (2) Degree of stenosis in patients requiring carotid revascularization is unavailable in administrative databases.
- (3) Sub-LHIN planning area data are not included as most carotid endarterectomies and carotid artery stenting are done at the 11 regional and enhanced district stroke centres.
- (4) Cells in which there were no reported/available data are marked with a hyphen (-).

EXHIBIT 5.3S Characteristics and outcomes of adult stroke patients in inpatient rehabilitation, in Ontario and by sub-Local Health Integration Network, 2003/04 and 2009/10–2011/12

Outcomes for 2003/04		Ontario	Erie St. Clair				South West						Waterloo Wellington					
			Essex	Chatham-Kent	Lambton	Bruce	Grey	Huron	Perth	Middlesex	Oxford-Norfolk	Elgin	Urban Waterloo & Rural Waterloo South	Urban Guelph	Rural Waterloo	Rural - South Grey & North Wellington	Rural Wellington	
Patients Discharged Alive from Acute Care in 2003/04		10,464	470	186	153	89	104	71	96	328	121	89	309	89	17	43	40	
Admission to inpatient rehabilitation ¹ , n (%)		2,904 (27.8)	191 (40.6)	75 (40.3)	38 (24.8)	23 (25.8)	28 (26.9)	16 (22.5)	28 (29.2)	120 (36.6)	13 (10.7)	24 (27.0)	59 (19.1)	32 (36.0)	9 (52.9)	8 (18.6)	7 (17.5)	
Days from stroke onset to inpatient rehabilitation admission	Mean	20.2	11.9	13.7	23.1	20.4	20.6	20.8	16.5	32.7	23.0	30.8	20.0	41.3	14.7	34.8	29.4	
	Median	13	7	11	11	13	9	22	10.5	14	14	9	12	12.5	8	17.5	18	
Disability, n (%)	Mild	654 (23.1)	38 (25.3)	19 (26.0)	12 (32.4)	9 (39.1)	11 (40.7)	**	**	16 (13.3)	**	9 (39.1)	22 (38.6)	9 (28.1)	**	**	**	
	Moderate	1,158 (40.8)	39 (26.0)	26 (35.6)	16 (43.2)	**	7 (25.9)	**	8 (28.6)	56 (46.7)	7 (53.8)	9 (39.1)	25 (43.9)	13 (40.6)	**	**	**	
	Severe	1,025 (36.1)	73 (48.7)	28 (38.4)	9 (24.3)	11 (47.8)	9 (33.3)	9 (56.3)	18 (64.3)	48 (40.0)	**	**	10 (17.5)	10 (31.3)	**	**	**	
Functional Independence Measure score	Admission FIM score	Mean	74.7	67.0	70.1	85.2	78.3	83.2	68.1	60.2	73.9	75.6	84.9	84.4	81.5	85.9	85.4	71.9
		Median	76.0	68.5	73.0	87.0	78.0	89.0	62.0	55.5	78.5	74.0	87.0	86.0	82.5	87.0	99.0	60.0
	Discharge FIM score	Mean	97.9	84.0	93.3	101.5	94.2	96.6	90.6	82.9	95.9	98.1	111.9	105.5	105.0	107.1	96.6	94.7
		Median	106.0	93.0	100.5	109.0	105.5	111.0	91.5	92.0	104.0	115.0	115.0	108.0	110.5	107.5	114.0	96.0
	Change in FIM score	Mean	22.0	15.8	23.1	16.3	14.5	13.4	22.6	21.5	21.7	22.5	19.8	20.3	22.9	23.5	11.1	22.9
		Median	21.0	13.0	23.0	16.0	12.0	7.0	23.5	19.0	20.0	20.0	13.0	17.0	23.0	22.5	11.0	22.0
	FIM efficiency ²	Mean	0.8	1.2	0.7	0.5	0.5	0.6	0.8	0.5	0.5	0.4	0.7	1.1	1.1	0.9	0.4	0.3
		Median	0.6	0.7	0.6	0.4	0.6	0.5	0.6	0.4	0.5	0.4	0.5	0.5	0.5	0.8	0.3	0.3
	Relative change, %	Mean	36.1	24.7	44.8	23.4	25.7	19.5	39.8	37.9	37.0	34.6	26.0	28.3	33.3	31.2	14.9	38.7
		Median	27.1	18.9	35.4	18.0	12.6	10.8	38.6	27.7	27.2	22.2	19.3	18.6	27.4	26.1	14.6	41.5
Discharge destination following inpatient rehabilitation, n (%)	Home without services	755 (29.3)	21 (17.9)	7 (10.3)	10 (27.0)	**	**	**	**	42 (37.2)	**	9 (45.0)	7 (13.2)	8 (25.0)	**	-	-	
	Home with services	1,113 (43.2)	46 (39.3)	38 (55.9)	22 (59.5)	11 (47.8)	11 (40.7)	9 (75.0)	11 (40.7)	38 (33.6)	6 (46.2)	6 (30.0)	26 (49.1)	15 (46.9)	**	**	**	
	Other community services	134 (5.2)	6 (5.1)	**	-	-	**	-	-	**	-	-	8 (15.1)	**	-	-	-	
	Long-term care facility	349 (13.5)	27 (23.1)	6 (8.8)	**	**	6 (22.2)	-	9 (33.3)	26 (23.0)	**	**	8 (15.1)	**	-	-	**	
	Acute care facility	147 (5.7)	7 (6.0)	**	**	**	**	-	**	**	-	**	**	**	-	**	**	
Average length of stay ³ in days	Mean	38.0	17.2	36.6	37.2	28.1	25.0	39.5	50.4	49.1	52.9	28.5	43.3	44.4	37.0	29.6	70.4	
	Median	31	11	31	29.5	22	22.5	40.5	38	38	38	22.5	27	29.5	26.5	17.5	78	

Outcomes for 2003/04		Hamilton Niagara Haldimand Brant															
		Brant & Brantford	New Credit & Six Nations	Haldimand & Norfolk	Burlington	East Niagara	North Niagara	South Niagara	West Niagara	Stoney Creek	Glanbrook	Ancaster	Flamborough	Dundas	Hamilton Urban Core	Hamilton Outer Core	
Patients Discharged Alive from Acute Care in 2003/04		141	8	105	124	117	168	94	41	56	7	37	21	34	135	231	
Admission to inpatient rehabilitation ¹ , n (%)		56 (39.7)	**	22 (21.0)	44 (35.5)	35 (29.9)	24 (14.3)	17 (18.1)	18 (43.9)	18 (32.1)	**	10 (27.0)	8 (38.1)	13 (38.2)	50 (37.0)	78 (33.8)	
Days from stroke onset to inpatient rehabilitation admission	Mean	10.7	13.0	32.5	14.5	23.5	18.1	21.2	19.6	17.9	14.5	19.7	10.0	22.5	26.1	18.3	
	Median	7	13	29.5	11	21	15	15	14	12.5	14.5	10	8	21	12	13	
Disability, n (%)	Mild	13 (23.6)	-	**	6 (14.0)	10 (28.6)	**	**	**	**	-	**	**	-	8 (16.0)	23 (29.5)	
	Moderate	22 (40.0)	-	10 (45.5)	14 (32.6)	14 (40.0)	11 (45.8)	8 (47.1)	8 (44.4)	7 (38.9)	**	**	**	8 (61.5)	34 (68.0)	36 (46.2)	
	Severe	20 (36.4)	**	8 (36.4)	23 (53.5)	11 (31.4)	11 (45.8)	7 (41.2)	7 (38.9)	8 (44.4)	**	**	**	**	8 (16.0)	19 (24.4)	
Functional Independence Measure score	Admission FIM score	Mean	70.5	41.5	73.4	69.6	72.3	67.8	61.8	76.9	76.1	47.0	86.7	72.6	73.9	77.3	82.4
		Median	72.0	41.5	75.0	67.0	75.0	63.0	63.0	78.0	76.0	47.0	86.5	68.5	74.0	76.5	83.5
	Discharge FIM score	Mean	94.1	93.0	90.3	96.2	99.3	103.9	89.4	99.2	100.6	63.5	89.6	88.5	98.5	98.8	101.4
		Median	102.0	93.0	91.5	97.5	106.0	103.0	97.0	97.0	101.0	63.5	93.0	83.5	102.5	103.5	108.0
	Change in FIM score	Mean	22.6	37.0	16.8	26.6	27.3	36.2	27.5	22.3	21.9	16.5	4.9	15.9	22.8	16.3	18.4
		Median	22.0	37.0	13.5	26.5	26.0	39.5	30.0	23.0	19.5	16.5	5.0	17.5	25.5	19.0	18.0
	FIM efficiency ²	Mean	1.0	0.6	0.7	0.9	1.0	1.1	0.7	0.8	0.9	0.3	0.0	1.6	0.6	0.8	0.7
		Median	0.7	0.6	0.6	0.7	0.8	1.0	0.7	0.8	0.6	0.3	0.1	0.7	0.6	0.5	0.6
	Relative change, %	Mean	43.5	66.1	26.7	43.3	49.9	70.5	52.2	34.9	33.7	39.4	4.9	26.3	32.6	20.8	25.1
		Median	31.6	66.1	16.2	35.7	38.7	66.3	44.8	25.2	23.6	39.4	6.9	19.9	31.7	22.2	20.5
Discharge destination following inpatient rehabilitation, n (%)	Home without services	17 (31.5)	**	**	8 (19.0)	8 (22.9)	**	**	6 (35.3)	7 (50.0)	-	**	**	**	15 (45.5)	32 (52.5)	
	Home with services	17 (31.5)	-	6 (37.5)	19 (45.2)	19 (54.3)	19 (79.2)	11 (64.7)	6 (35.3)	**	-	-	**	**	10 (30.3)	18 (29.5)	
	Other community services	**	-	**	6 (14.3)	**	-	-	**	**	-	-	**	**	-	**	
	Long-term care facility	12 (22.2)	-	**	**	**	**	**	**	**	**	**	**	**	**	6 (9.8)	
	Acute care facility	**	-	-	**	-	-	-	-	-	-	**	**	**	**	**	
Average length of stay ³ in days	Mean	30.7	48.5	28.9	37.3	31.7	38.3	37.5	32.7	43.6	49.0	23.9	23.4	41.1	34.5	35.8	
	Median	20.5	48.5	19.5	33	32	36.5	35	26	25.5	49	21	17	42	29	34	

EXHIBIT 5.3S continued

Outcomes for 2003/04		Central West						Mississauga Halton						Toronto Central							
		Dufferin County	Malton (Mississauga)	Caledon	Brampton	Rexdale (Toronto)	Woodbridge (Vaughan)	Milton	Halton Hills	Oakville	Northwest Mississauga	Southeast Mississauga	South Etobicoke (Toronto)	West	North West	South West	North Toronto	South East	East	North East	
Patients Discharged Alive from Acute Care in 2003/04		65	29	23	244	112	24	18	37	126	127	235	125	124	196	124	246	90	94	105	
Admission to inpatient rehabilitation ¹ , n (%)		6 (9.2)	8 (27.6)	**	58 (23.8)	35 (31.3)	**	6 (33.3)	12 (32.4)	39 (31.0)	47 (37.0)	96 (40.9)	41 (32.8)	32 (25.8)	63 (32.1)	30 (24.2)	59 (24.0)	24 (26.7)	37 (39.4)	27 (25.7)	
Days from stroke onset to inpatient rehabilitation admission	Mean	19.0	7.4	26.8	18.2	13.5	17.2	24.3	13.6	10.0	14.6	10.2	10.4	13.9	20.0	15.9	26.8	20.7	19.9	20.7	
	Median	16.5	6.5	21	14	11	14	22.5	8.5	8	10	7	7	11.5	17	12	15.5	18.5	16	16	
Disability, n (%)	Mild	**	**	**	17 (29.3)	11 (31.4)	-	**	6 (50.0)	10 (25.6)	8 (17.4)	17 (17.9)	12 (30.0)	8 (25.8)	13 (20.6)	10 (33.3)	13 (22.8)	**	17 (45.9)	**	
	Moderate	**	**	-	25 (43.1)	14 (40.0)	**	**	**	7 (17.9)	14 (30.4)	43 (45.3)	12 (30.0)	15 (48.4)	30 (47.6)	13 (43.3)	29 (50.9)	15 (62.5)	13 (35.1)	14 (51.9)	
	Severe	**	**	**	16 (27.6)	10 (28.6)	**	**	**	22 (56.4)	24 (52.2)	35 (36.8)	16 (40.0)	8 (25.8)	20 (31.7)	7 (23.3)	15 (26.3)	**	7 (18.9)	8 (29.6)	
Functional Independence Measure score	Admission FIM score	Mean	90.0	71.0	64.0	84.2	78.3	62.2	86.3	81.3	63.7	63.8	71.0	73.9	77.8	76.5	83.5	77.7	79.0	84.5	76.1
		Median	90.0	70.5	50.5	85.0	76.0	66.0	86.0	85.0	64.0	59.5	73.0	78.0	80.0	76.0	84.0	77.0	81.5	89.0	77.0
	Discharge FIM score	Mean	106.8	93.1	91.5	109.9	102.6	107.5	88.2	109.9	80.0	88.4	98.7	107.7	103.4	99.7	107.0	99.1	105.0	109.2	103.6
		Median	114.0	102.0	91.5	116.0	104.5	105.0	96.0	115.5	84.0	90.0	103.5	113.0	107.5	105.5	112.0	108.5	113.5	115.5	113.0
	Change in FIM score	Mean	16.2	23.1	14.0	23.3	22.9	37.5	7.2	28.7	17.9	23.2	26.4	28.6	24.9	21.1	21.3	19.6	26.3	23.1	24.1
		Median	18.0	23.0	14.0	18.0	20.5	40.0	11.0	26.0	18.0	22.0	25.5	23.0	26.5	20.5	17.0	16.5	27.5	21.5	27.0
	FIM efficiency ²	Mean	0.9	0.8	0.2	0.8	0.7	0.9	0.5	1.3	0.6	0.9	1.4	1.6	1.2	0.6	0.8	0.7	0.6	0.7	0.7
		Median	0.6	1.0	0.2	0.7	0.6	0.9	0.7	0.8	1.1	0.5	1.1	1.3	0.9	0.5	0.8	0.5	0.6	0.7	0.6
	Relative change, %	Mean	19.3	44.5	25.0	34.3	33.4	53.9	6.2	44.7	44.8	50.9	45.7	43.8	38.8	31.6	30.9	29.0	43.2	33.3	33.4
		Median	22.6	24.0	25.0	18.8	26.8	55.0	15.1	36.1	27.4	31.0	35.5	29.6	32.4	24.9	20.2	20.7	29.9	23.5	33.7
Discharge destination following inpatient rehabilitation, n (%)	Home without services	**	**	**	17 (30.4)	17 (53.1)	**	**	**	9 (27.3)	12 (27.9)	36 (40.0)	14 (36.8)	11 (44.0)	20 (36.4)	15 (60.0)	19 (35.2)	10 (43.5)	12 (34.3)	9 (37.5)	
	Home with services	**	**	-	31 (55.4)	8 (25.0)	**	**	**	10 (83.3)	12 (36.4)	21 (48.8)	43 (47.8)	20 (52.6)	10 (40.0)	19 (34.5)	**	16 (29.6)	7 (30.4)	14 (40.0)	9 (37.5)
	Other community services	-	-	**	**	**	-	-	-	**	-	**	**	**	**	-	**	**	**	**	**
	Long-term care facility	-	**	**	6 (10.7)	**	**	**	-	**	9 (20.9)	9 (10.0)	**	**	**	12 (21.8)	**	8 (14.8)	**	**	**
	Acute care facility	**	-	-	-	**	-	-	-	**	-	**	-	-	-	-	**	**	**	**	**
Average length of stay ³ in days	Mean	33.8	38.9	50.0	34.9	40.0	39.0	19.2	37.2	23.8	42.2	27.9	25.4	28.8	44.4	32.2	40.5	52.4	32.1	45.8	
	Median	32	37	55	30	41.5	35	16	38.5	15	34	22.5	18	24.5	42	34	35.5	41	32	44	

Outcomes for 2003/04		Central								Central East			
		South Simcoe & Northern York Region	Central York Region	Richmond Hill	South West York Region	North York West	North York Central	North York East	Markham	North East Cluster	Durham Cluster	Scarborough Cluster	
Patients Discharged Alive from Acute Care in 2003/04		71	123	92	100	204	246	70	106	336	413	502	
Admission to inpatient rehabilitation ¹ , n (%)		13 (18.3)	39 (31.7)	31 (33.7)	29 (29.0)	65 (31.9)	66 (26.8)	22 (31.4)	35 (33.0)	46 (13.7)	127 (30.8)	99 (19.7)	
Days from stroke onset to inpatient rehabilitation admission	Mean	18.0	15.2	18.0	27.0	20.3	27.8	20.9	19.1	17.3	11.9	19.8	
	Median	11	10	15	13	18	14	15	12	13.5	9	10	
Disability, n (%)	Mild	**	7 (18.4)	12 (38.7)	11 (37.9)	12 (18.5)	14 (21.5)	**	12 (35.3)	9 (19.6)	26 (20.8)	33 (33.3)	
	Moderate	**	19 (50.0)	14 (45.2)	10 (34.5)	29 (44.6)	30 (46.2)	8 (36.4)	13 (38.2)	19 (41.3)	43 (34.4)	45 (45.5)	
	Severe	**	12 (31.6)	**	8 (27.6)	24 (36.9)	21 (32.3)	9 (40.9)	9 (26.5)	18 (39.1)	56 (44.8)	21 (21.2)	
Functional Independence Measure score	Admission FIM score	Mean	70.3	74.6	85.5	80.3	74.7	78.6	74.0	79.8	73.4	82.6	
		Median	71.0	77.5	81.0	81.0	75.0	80.5	77.0	83.0	78.5	70.0	84.0
	Discharge FIM score	Mean	106.3	96.2	102.3	107.0	98.4	100.9	97.2	106.9	100.5	98.7	105.3
		Median	111.5	105.0	107.0	116.5	102.0	106.0	111.5	110.0	111.0	110.0	113.0
	Change in FIM score	Mean	26.9	20.3	16.5	25.0	24.4	21.2	21.5	25.3	24.0	27.6	21.2
		Median	29.0	21.0	17.5	23.0	25.5	23.0	22.0	22.0	25.0	23.5	18.0
	FIM efficiency ²	Mean	0.9	0.8	0.6	0.9	0.8	0.6	0.7	1.2	0.5	0.8	1.0
		Median	0.7	0.9	0.5	0.8	0.7	0.6	0.6	1.0	0.4	0.7	0.7
	Relative change, %	Mean	47.9	33.5	22.1	38.5	37.1	29.3	31.6	39.4	41.5	54.6	33.7
		Median	39.2	27.2	21.2	27.9	31.4	27.3	24.9	26.8	30.3	36.9	21.2
Discharge destination following inpatient rehabilitation, n (%)	Home without services	**	**	9 (31.0)	12 (44.4)	22 (34.9)	22 (38.6)	8 (38.1)	12 (36.4)	**	26 (21.7)	27 (28.7)	
	Home with services	8 (66.7)	23 (60.5)	15 (51.7)	11 (40.7)	31 (49.2)	17 (29.8)	6 (28.6)	14 (42.4)	21 (56.8)	66 (55.0)	40 (42.6)	
	Other community services	-	**	**	**	**	**	**	**	**	**	**	
	Long-term care facility	**	**	**	**	6 (9.5)	8 (14.0)	**	6 (18.2)	6 (16.2)	13 (10.8)	8 (8.5)	
	Acute care facility	**	**	**	-	**	6 (10.5)	**	-	**	11 (9.2)	**	
Average length of stay ³ in days	Mean	33.5	26.6	30.9	33.4	40.0	39.0	43.0	27.7	54.6	42.7	32.9	
	Median	23	27	26.5	33	40	39	32	21	49	35	19	

EXHIBIT 5.3S continued

Outcomes for 2003/04		South East															
		Addington, North & Central Frontenac	Belleville	Brockville	Central Hastings	Gananoque, Leeds	Kingston & Islands	North Hastings	Prince Edward County	Quinte West, Brighton	Rideau Lakes	Southeast Leeds & Grenville	Smiths Falls, Perth, Lanark	South Frontenac	Stone Mills, Loyalist	Tyendinaga, Napanee	
Patients Discharged Alive from Acute Care in 2003/04		9	63	62	25	16	71	16	31	49	10	18	37	9	12	15	
Admission to inpatient rehabilitation ¹ , n (%)		**	23 (36.5)	15 (24.2)	**	**	24 (33.8)	6 (37.5)	13 (41.9)	15 (30.6)	**	7 (38.9)	**	**	**	**	
Days from stroke onset to inpatient rehabilitation admission	Mean	50.0	19.7	17.5	20.4	48.3	28.0	10.6	21.0	81.3	17.0	11.6	241.0	26.0	14.3	38.8	
	Median	50	12.5	16	7	26.5	16	9	17	15	17	10	241	15	13.5	36.5	
Disability, n (%)	Mild	**	**	**	-	**	-	**	**	**	-	**	-	-	**	-	
	Moderate	**	10 (45.5)	7 (46.7)	**	**	15 (62.5)	**	8 (61.5)	8 (53.3)	**	**	**	**	**	**	
	Severe	-	8 (36.4)	7 (46.7)	**	**	9 (37.5)	**	**	**	-	**	-	-	**	**	
Functional Independence Measure score	Admission FIM score	Mean	97.0	73.9	68.1	68.0	87.8	75.8	77.0	67.9	75.7	73.0	66.6	92.0	88.3	83.3	69.5
		Median	97.0	70.0	62.0	70.0	94.0	72.5	80.0	70.0	69.0	73.0	69.0	92.0	82.0	77.5	76.0
	Discharge FIM score	Mean	110.0	103.1	83.6	104.3	104.8	103.4	94.0	87.5	98.9	98.0	100.4	106.0	111.0	105.5	82.3
		Median	110.0	110.0	91.0	109.5	118.0	105.5	117.0	95.0	109.0	98.0	116.0	106.0	111.0	107.5	94.0
	Change in FIM score	Mean	13.0	27.1	15.5	37.5	17.0	28.2	17.0	19.7	23.1	25.0	33.9	14.0	22.7	22.3	12.8
		Median	13.0	27.0	13.0	41.5	17.5	30.0	13.0	20.0	21.0	25.0	29.0	14.0	29.0	22.0	17.0
	FIM efficiency ²	Mean	0.3	0.7	0.7	0.7	0.5	0.4	0.6	0.5	0.6	1.1	0.8	0.3	0.4	0.5	0.3
		Median	0.3	0.6	0.4	0.8	0.6	0.4	0.3	0.5	0.6	1.1	0.8	0.3	0.4	0.5	0.4
Relative change, %	Mean	13.6	38.8	26.5	56.2	18.0	41.1	24.0	31.0	33.5	34.3	52.8	15.2	28.7	31.8	13.3	
	Median	13.6	37.5	19.2	58.1	17.2	44.1	22.2	25.3	31.9	34.3	56.4	15.2	35.4	32.3	17.3	
Discharge destination following inpatient rehabilitation, n (%)	Home without services	**	9 (42.9)	**	-	-	**	**	**	**	-	-	-	**	**	-	
	Home with services	**	8 (38.1)	**	**	**	14 (60.9)	**	**	**	**	6 (85.7)	**	**	**	**	
	Other community services	-	-	**	-	-	-	-	**	-	-	-	-	-	-	-	
	Long-term care facility	-	**	**	-	**	**	-	**	**	-	-	-	**	**	**	
	Acute care facility	-	**	**	-	-	-	**	**	-	-	**	-	-	-	-	
Average length of stay ³ in days	Mean	58.0	49.1	30.7	45.2	47.5	89.2	38.2	38.0	40.5	23.0	48.7	53.0	54.7	49.8	35.0	
	Median	58	47	29	52	48	65	34.5	35	34	23	45	53	44	48	28.5	

Outcomes for 2003/04		Champlain						North Simcoe Muskoka					
		Ottawa Centre	Ottawa East	Ottawa West	Renfrew County	North Lanark / North Grenville	Eastern Counties	Collingwood and Area	Barrie and Area	Orillia and Area	Midland and Penetanguishene Area	Muskoka	
Patients Discharged Alive from Acute Care in 2003/04		146	131	256	87	43	161	59	145	90	50	65	
Admission to inpatient rehabilitation ¹ , n (%)		49 (33.6)	38 (29.0)	77 (30.1)	38 (43.7)	8 (18.6)	47 (29.2)	14 (23.7)	68 (46.9)	**	20 (40.0)	12 (18.5)	
Days from stroke onset to inpatient rehabilitation admission	Mean	23.6	33.0	37.0	14.3	23.8	21.9	21.8	19.0	7.0	19.5	38.5	
	Median	19	16.5	24	10	22	14	13.5	5	19	10	36	
Disability, n (%)	Mild	11 (22.4)	**	12 (15.6)	9 (23.7)	**	11 (23.4)	**	13 (19.1)	-	**	**	
	Moderate	18 (36.7)	20 (52.6)	26 (33.8)	13 (34.2)	**	24 (51.1)	**	24 (35.3)	-	6 (31.6)	**	
	Severe	20 (40.8)	13 (34.2)	39 (50.6)	16 (42.1)	**	12 (25.5)	6 (42.9)	31 (45.6)	**	10 (52.6)	6 (50.0)	
Functional Independence Measure score	Admission FIM score	Mean	72.9	67.3	69.0	74.0	81.8	83.5	75.9	67.3	57.0	67.5	65.4
		Median	74.0	71.0	65.0	76.0	80.5	81.0	80.0	67.0	57.0	65.0	66.0
	Discharge FIM score	Mean	97.2	100.2	91.9	98.2	104.0	104.6	101.6	86.6	79.0	102.9	92.0
		Median	107.5	110.0	98.0	106.5	110.0	114.5	116.0	104.0	79.0	112.0	97.0
	Change in FIM score	Mean	23.7	29.7	21.2	22.2	22.3	21.2	25.7	18.5	22.0	33.8	25.2
		Median	22.0	32.0	17.0	23.0	22.5	19.5	26.5	19.0	22.0	31.0	26.0
	FIM efficiency ²	Mean	0.5	0.7	0.4	0.7	0.3	0.5	1.1	1.1	0.4	1.0	0.7
		Median	0.4	0.6	0.4	0.7	0.3	0.4	1.0	1.0	0.4	0.9	0.6
Relative change, %	Mean	36.6	47.6	39.1	34.7	36.6	30.7	50.0	27.8	38.6	60.2	39.3	
	Median	29.6	43.6	21.2	32.7	37.1	23.2	28.4	27.9	38.6	53.4	40.6	
Discharge destination following inpatient rehabilitation, n (%)	Home without services	8 (17.8)	13 (39.4)	23 (37.7)	13 (37.1)	**	12 (25.5)	**	11 (17.5)	-	**	**	
	Home with services	24 (53.3)	13 (39.4)	17 (27.9)	9 (25.7)	**	22 (46.8)	**	21 (33.3)	-	14 (73.7)	**	
	Other community services	**	-	**	**	-	**	-	7 (11.1)	-	-	-	
	Long-term care facility	7 (15.6)	**	13 (21.3)	**	-	**	**	**	-	-	**	
	Acute care facility	-	**	**	**	-	7 (14.9)	**	6 (9.5)	-	**	**	
Average length of stay ³ in days	Mean	56.4	53.3	59.8	45.8	66.5	48.7	27.7	20.0	55.0	34.1	36.3	
	Median	58	56	62	43	76	42	26	17	55	35	35	

EXHIBIT 5.3S continued

Outcomes for 2003/04	North East							North West					
	Algoma	James & Hudson Bay Coasts	Nipissing	Parry Sound	Manitoulin-Sudbury	Timiskaming	Cochrane	Kenora	Rainy River	Thunder Bay District	Thunder Bay City		
Patients Discharged Alive from Acute Care in 2003/04	145	6	99	36	227	53	76	36	25	15	139		
Admission to inpatient rehabilitation ¹ , n (%)	21 (14.5)	**	16 (16.2)	**	57 (25.1)	**	**	-	**	**	28 (20.1)		
Days from stroke onset to inpatient rehabilitation admission	Mean	14.8	25.0	20.2	23.0	21.6	39.8	4.0	-	57.0	23.5	36.4	
	Median	10	25	16	21	17	41	4	-	57	23.5	30.5	
Disability, n (%)	Mild	**	-	**	-	10 (17.5)	**	**	-	-	-	6 (22.2)	
	Moderate	10 (47.6)	**	**	**	32 (56.1)	**	-	-	-	**	8 (29.6)	
	Severe	9 (42.9)	-	9 (56.3)	**	15 (26.3)	**	-	-	**	-	13 (48.1)	
Functional Independence Measure score	Admission FIM score	Mean	65.7	95.0	69.1	63.5	79.0	91.8	85.0	-	31.0	96.0	73.4
		Median	68.0	95.0	69.5	72.0	81.0	101.0	85.0	-	31.0	96.0	73.0
	Discharge FIM score	Mean	82.6	113.0	96.6	115.3	98.9	102.6	110.0	-	42.0	110.0	98.3
		Median	87.0	113.0	113.5	119.0	106.5	106.0	110.0	-	42.0	110.0	110.0
	Change in FIM score	Mean	11.0	18.0	27.6	40.7	18.5	10.8	25.0	-	11.0	14.0	19.9
		Median	14.0	18.0	24.5	42.0	16.0	8.0	25.0	-	11.0	14.0	22.0
	FIM efficiency ²	Mean	0.5	1.1	0.8	0.5	0.5	0.4	1.6	-	0.1	0.6	0.4
		Median	0.4	1.1	0.9	0.4	0.4	0.4	1.6	-	0.1	0.6	0.4
	Relative change, %	Mean	19.5	19.0	52.2	55.8	32.3	15.0	29.4	-	35.5	15.4	28.6
		Median	16.5	19.0	32.0	52.5	19.9	7.2	29.4	-	35.5	15.4	23.9
Discharge destination following inpatient rehabilitation, n (%)	Home without services	**	**	**	-	23 (40.4)	**	**	-	-	-	8 (40.0)	
	Home with services	8 (40.0)	-	8 (50.0)	**	17 (29.8)	**	-	-	-	**	11 (55.0)	
	Other community services	**	-	**	-	-	-	-	-	-	-	-	
	Long-term care facility	-	-	**	**	12 (21.1)	-	-	-	-	-	-	
Average length of stay ³ in days	Acute care facility	7 (35.0)	-	**	-	**	**	-	-	-	-	**	
	Mean	38.8	17.0	41.6	81.5	41.9	34.6	16.0	-	91.0	52.0	73.7	
Median	30	17	43	59	35	22	16	-	91	52	68		

Outcomes for 2009/10	Ontario	Erie St. Clair				South West						Waterloo Wellington						
		Essex	Chatham-Kent	Lambton	Bruce	Grey	Huron	Perth	Middlesex	Oxford-Norfolk	Elgin	Urban Waterloo & Rural Waterloo South	Urban Guelph	Rural Waterloo	Rural - South Grey & North Wellington	Rural Wellington		
Patients Discharged Alive from Acute Care in 2009/10	10,519	405	162	158	91	109	68	81	355	105	85	346	89	21	41	34		
Admission to inpatient rehabilitation ¹ , n (%)	3,266 (31.1)	141 (34.8)	67 (41.4)	58 (36.7)	25 (27.5)	27 (24.8)	18 (26.5)	35 (43.2)	128 (36.1)	16 (15.2)	21 (24.7)	103 (29.8)	36 (40.4)	7 (33.3)	10 (24.4)	**		
Days from stroke onset to inpatient rehabilitation admission	Mean	18.6	19.2	9.2	9.6	22.9	27.2	21.1	7.8	17.3	13.3	14.3	17.7	14.8	13.0	19.4	13.8	
	Median	11	16	7	8	14.0	8	10.5	5	13	9.5	8.5	11	11	7	14	13	
Disability, n (%)	Mild	672 (20.8)	21 (16.8)	13 (19.7)	13 (22.4)	**	**	**	11 (31.4)	23 (18.0)	**	7 (35.0)	30 (29.1)	**	**	**	**	
	Moderate	1,505 (46.6)	64 (51.2)	33 (50.0)	20 (34.5)	10 (40.0)	7 (25.9)	**	9 (25.7)	63 (49.2)	8 (50.0)	9 (45.0)	45 (43.7)	25 (71.4)	**	**	**	
	Severe	1,054 (32.6)	40 (32.0)	20 (30.3)	25 (43.1)	12 (48.0)	17 (63.0)	11 (61.1)	15 (42.9)	42 (32.8)	**	**	28 (27.2)	6 (17.1)	**	**	**	
Functional Independence Measure score	Admission FIM score	Mean	75.5	73.3	74.6	75.6	67.4	61.1	64.2	77.3	79.2	80.1	83.6	80.8	78.8	76.4	69.7	66.8
		Median	77.0	73.0	74.0	72.0	68.0	52.0	56.0	80.0	79.0	80.5	87.0	80.0	80.0	85.0	74.5	69.0
	Discharge FIM score	Mean	99.3	93.1	100.0	92.9	95.2	91.4	86.7	98.4	103.8	108.7	99.9	100.4	100.9	92.0	98.9	93.8
		Median	107.0	100.0	105.0	103.0	99.0	102.0	104.0	107.0	111.0	117.0	106.5	107.5	105.0	99.0	107.5	107.0
	Change in FIM score	Mean	22.5	19.7	25.0	16.5	25.2	29.6	20.7	21.1	24.7	25.7	16.3	19.8	22.0	15.6	18.8	19.3
		Median	21.0	17.0	26.0	14.0	23.0	23.0	13.0	15.0	22.0	27.0	17.5	20.5	19.0	10.0	20.5	20.0
	FIM efficiency ²	Mean	0.8	1.0	1.2	0.4	1.2	1.1	0.5	0.9	0.8	1.1	0.6	1.1	0.5	0.6	0.6	0.9
		Median	0.7	0.7	1.1	0.5	1.0	1.0	0.4	0.7	0.8	0.8	0.6	0.8	0.6	0.6	0.7	0.6
	Relative change, %	Mean	35.7	32.6	39.4	25.5	42.7	54.7	34.0	33.5	37.5	34.3	20.8	27.7	31.3	22.4	24.3	26.3
		Median	27.3	27.7	33.4	22.4	31.0	48.0	18.3	17.8	30.1	39.1	20.1	23.6	22.1	12.3	24.3	26.3
Discharge destination following inpatient rehabilitation, n (%)	Home without services	902 (29.7)	14 (12.1)	16 (24.2)	9 (15.8)	**	**	**	**	104 (81.3)	12 (75.0)	**	11 (11.3)	10 (29.4)	-	-	**	
	Home with services	1,319 (43.4)	53 (45.7)	29 (43.9)	28 (49.1)	12 (48.0)	19 (76.0)	**	18 (56.3)	**	**	7 (53.8)	64 (66.0)	13 (38.2)	**	**	**	
	Other community services	185 (6.1)	11 (9.5)	9 (13.6)	**	**	**	**	**	9 (7.0)	**	**	9 (9.3)	**	**	**	**	
	Long-term care facility	311 (10.2)	13 (11.2)	**	11 (19.3)	**	**	**	6 (18.8)	8 (6.3)	**	**	**	7 (20.6)	**	**	**	
Average length of stay ³ in days	Acute care facility	245 (8.1)	7 (6.0)	**	**	6 (24.0)	**	**	**	6 (4.7)	**	**	6 (6.2)	**	**	**	**	
	Mean	36.1	27.6	25.6	37.7	26.6	39.8	41.2	36.3	35.3	36.9	17.6	38.3	28.6	34.4	26.6	33.6	
Median	30	21	22	35.5	22	32	35	34	31	33.5	14	33	28	28	25.5	33		

EXHIBIT 5.3S continued

Outcomes for 2009/10		Hamilton Niagara Haldimand Brant															
		Brant & Brantford	New Credit & Six Nations	Haldimand & Norfolk	Burlington	East Niagara	North Niagara	South Niagara	West Niagara	Stoney Creek	Glanbrook	Ancaster	Flamborough	Dundas	Hamilton Urban Core	Hamilton Outer Core	
Patients Discharged Alive from Acute Care in 2009/10		137	7	85	161	110	161	110	53	45	17	20	18	27	108	221	
Admission to inpatient rehabilitation ¹ , n (%)		39 (28.5)	**	23 (27.1)	40 (24.8)	36 (32.7)	44 (27.3)	17 (15.5)	16 (30.2)	13 (28.9)	**	7 (35.0)	**	13 (48.1)	35 (32.4)	82 (37.1)	
Days from stroke onset to inpatient rehabilitation admission	Mean	12.0	7.5	19.4	8.4	55.8	91.5	39.5	16.8	11.5	16.5	22.4	16.8	18.5	18.1	15.3	
	Median	9	7.5	14	7	18.5	10.5	20	13	11	12	16	10	10	11	11	
Disability, n (%)	Mild	**	**	**	7 (17.5)	**	9 (20.5)	**	**	**	**	**	**	**	**	8 (9.8)	
	Moderate	19 (48.7)	**	12 (52.2)	21 (52.5)	19 (52.8)	18 (40.9)	9 (52.9)	8 (50.0)	**	**	**	**	**	18 (51.4)	47 (57.3)	
	Severe	15 (38.5)	**	9 (39.1)	12 (30.0)	14 (38.9)	17 (38.6)	**	**	8 (61.5)	**	**	**	**	6 (46.2)	13 (37.1)	27 (32.9)
Functional Independence Measure score	Admission FIM score	Mean	68.1	52.5	62.9	73.4	68.4	73.1	72.4	75.8	63.2	87.8	68.3	78.8	69.9	73.3	72.6
		Median	75.0	52.5	70.0	78.0	71.5	72.5	75.0	77.0	57.0	86.5	74.0	87.0	79.0	72.0	76.0
	Discharge FIM score	Mean	97.9	121.0	89.0	99.8	101.0	103.6	100.7	102.5	96.2	113.5	98.2	104.8	94.0	93.9	97.7
		Median	101.5	121.0	96.0	103.0	106.0	109.0	111.0	110.0	97.0	114.5	108.5	111.0	112.0	106.0	106.5
	Change in FIM score	Mean	25.7	44.0	26.3	25.3	29.7	30.0	28.3	24.7	30.5	25.8	26.3	26.0	20.9	18.9	24.4
		Median	22.0	44.0	26.0	24.5	28.0	29.0	27.0	29.0	23.5	25.0	26.0	20.0	14.0	20.0	22.5
	FIM efficiency ²	Mean	1.0	2.9	0.9	1.2	1.0	1.0	1.0	1.1	0.8	1.4	0.8	1.3	0.9	0.7	0.9
		Median	0.8	2.9	0.8	0.9	0.9	0.8	0.8	0.7	0.6	1.5	0.8	1.3	0.8	0.7	0.9
	Relative change, %	Mean	47.7	57.1	53.3	39.9	49.3	45.3	42.1	39.7	58.3	29.8	54.6	35.7	43.3	31.7	43.1
		Median	27.7	57.1	37.1	29.8	38.6	38.7	37.9	34.9	39.8	29.4	44.7	27.8	21.1	25.0	29.2
Discharge destination following inpatient rehabilitation, n (%)	Home without services		6 (15.8)	**	6 (27.3)	**	9 (26.5)	13 (29.5)	**	**	**	**	**	**	**	8 (25.8)	23 (31.9)
	Home with services		16 (42.1)	**	10 (45.5)	28 (77.8)	19 (55.9)	23 (52.3)	9 (52.9)	10 (66.7)	**	**	**	**	**	12 (38.7)	31 (43.1)
	Other community services		12 (31.6)	**	**	**	**	**	**	**	**	**	**	**	**	**	9 (12.5)
	Long-term care facility		**	**	**	**	**	**	**	**	**	**	**	**	**	8 (25.8)	**
	Acute care facility		**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
Average length of stay ³ in days	Mean	35.0	46.5	38.1	28.8	41.4	38.2	36.4	32.9	47.9	21.8	47.6	20.4	32.6	54.3	35.3	
	Median	26	46.5	35	23	39	36	35	34.5	35	15	28	20	28	28	28	

Outcomes for 2009/10		Central West						Mississauga Halton						Toronto Central							
		Dufferin County	Malton (Mississauga)	Caledon	Brampton	Rexdale (Toronto)	Woodbridge (Vaughan)	Milton	Halton Hills	Oakville	Northwest Mississauga	Southeast Mississauga	South Etobicoke (Toronto)	West	North West	South West	North Toronto	South East	East	North East	
Patients Discharged Alive from Acute Care in 2009/10		39	33	35	280	130	27	37	47	106	151	235	128	112	184	115	227	102	81	92	
Admission to inpatient rehabilitation ¹ , n (%)		**	9 (27.3)	9 (25.7)	75 (26.8)	39 (30.0)	**	10 (27.0)	12 (25.5)	40 (37.7)	49 (32.5)	81 (34.5)	53 (41.4)	36 (32.1)	53 (28.8)	34 (29.6)	56 (24.7)	34 (33.3)	25 (30.9)	26 (28.3)	
Days from stroke onset to inpatient rehabilitation admission	Mean	33.8	14.7	26.1	21.6	23.0	12.7	23.9	20.4	11.3	17.6	10.5	10.6	15.7	26.7	15.1	15.7	11.5	12.4	18.4	
	Median	26	16	16	12	15	11	12	14.5	8.5	7	8	8	9	14	13	13	10	10	11.5	
Disability, n (%)	Mild	**	**	**	20 (26.7)	6 (15.4)	**	**	**	8 (20.0)	9 (18.4)	14 (17.7)	14 (26.4)	**	11 (20.8)	6 (17.6)	13 (23.6)	9 (27.3)	**	7 (26.9)	
	Moderate	**	**	**	42 (56.0)	19 (48.7)	**	**	6 (50.0)	12 (30.0)	16 (32.7)	36 (45.6)	22 (41.5)	21 (58.3)	30 (56.6)	25 (73.5)	32 (58.2)	17 (51.5)	13 (54.2)	14 (53.8)	
	Severe	**	**	**	13 (17.3)	14 (35.9)	**	**	**	20 (50.0)	24 (49.0)	29 (36.7)	17 (32.1)	11 (30.6)	12 (22.6)	**	10 (18.2)	7 (21.2)	6 (25.0)	**	
Functional Independence Measure score	Admission FIM score	Mean	61.4	70.1	83.9	83.6	76.5	92.3	64.8	67.6	63.7	66.6	73.9	76.7	73.2	79.0	85.3	83.9	83.9	81.1	80.7
		Median	61.0	75.0	81.0	86.0	73.0	97.0	61.5	78.0	60.5	70.0	74.0	80.0	76.0	80.0	85.0	87.0	83.0	83.5	83.5
	Discharge FIM score	Mean	86.6	101.9	105.1	105.1	93.2	110.0	91.2	99.2	93.7	93.3	100.8	101.0	96.1	105.0	109.0	104.2	105.7	105.7	100.8
		Median	98.0	99.5	98.0	110.0	101.0	111.0	105.0	105.0	104.5	104.0	106.0	107.0	99.0	108.0	112.5	111.5	115.0	110.0	106.0
	Change in FIM score	Mean	25.2	30.1	21.2	21.3	15.6	17.7	22.1	30.4	26.6	25.2	23.7	21.8	24.1	22.5	22.1	19.3	20.7	23.8	18.9
		Median	28.0	28.0	21.0	23.0	16.0	14.0	19.0	27.0	25.5	26.0	24.0	19.0	21.0	18.0	20.0	20.5	19.0	24.0	21.0
	FIM efficiency ²	Mean	1.1	0.9	0.6	0.6	0.4	0.9	0.8	0.8	0.9	1.2	1.4	1.5	1.2	0.6	0.7	0.5	0.6	0.7	0.6
		Median	0.9	0.7	0.5	0.6	0.4	0.9	0.5	0.7	0.8	1.1	1.2	1.0	0.7	0.6	0.7	0.6	0.6	0.6	0.6
	Relative change, %	Mean	37.5	49.9	29.1	28.8	21.3	21.1	39.0	57.9	51.2	43.6	34.3	31.0	45.5	32.7	28.1	27.5	30.5	38.5	27.7
		Median	29.2	41.0	21.7	27.6	21.0	14.4	28.6	37.4	43.2	35.1	32.6	26.5	30.4	19.6	24.9	22.3	21.6	28.7	23.2
Discharge destination following inpatient rehabilitation, n (%)	Home without services		-	-	**	14 (19.7)	12 (32.4)	**	**	**	8 (23.5)	**	**	11 (20.8)	14 (43.8)	23 (45.1)	23 (69.7)	30 (58.8)	19 (57.6)	10 (41.7)	10 (41.7)
	Home with services		**	**	7 (77.8)	49 (69.0)	19 (51.4)	**	**	**	15 (44.1)	31 (63.3)	52 (67.5)	31 (58.5)	12 (37.5)	17 (33.3)	**	13 (25.5)	7 (21.2)	8 (33.3)	7 (29.2)
	Other community services		**	**	**	**	**	**	**	**	**	**	6 (7.8)	**	**	**	**	**	**	**	**
	Long-term care facility		**	**	**	**	**	**	**	**	**	9 (18.4)	6 (7.8)	**	**	7 (13.7)	**	**	**	**	**
	Acute care facility		**	**	**	**	**	**	**	**	**	**	8 (10.4)	6 (11.3)	**	**	**	**	**	**	**
Average length of stay ³ in days	Mean	29.2	49.8	35.4	40.5	50.0	20.3	43.5	40.6	41.7	29.8	28.7	27.1	34.9	39.4	45.4	35.5	37.4	38.6	35.6	
	Median	21	43	34	42	38	23	41.5	35.5	38	27	22	23	35	31	35	34.5	35	32	30	

EXHIBIT 5.3S continued

Outcomes for 2009/10		Central								Central East			
		South Simcoe & Northern York Region	Central York Region	Richmond Hill	South West York Region	North York West	North York Central	North York East	Markham	North East Cluster	Durham Cluster	Scarborough Cluster	
Patients Discharged Alive from Acute Care in 2009/10		74	136	79	130	211	243	86	160	284	413	490	
Admission to inpatient rehabilitation ¹ , n (%)		23 (31.1)	65 (47.8)	16 (20.3)	31 (23.8)	54 (25.6)	64 (26.3)	20 (23.3)	59 (36.9)	116 (40.8)	142 (34.4)	136 (27.8)	
Days from stroke onset to inpatient rehabilitation admission	Mean	13.5	11.6	36.0	21.2	16.6	18.7	16.5	12.9	10.5	15.0	14.8	
	Median	11	10	11.5	10	15	14	12.5	10	7.5	10	12	
Disability, n (%)	Mild	8 (36.4)	18 (27.7)	**	8 (25.8)	11 (20.8)	16 (25.4)	6 (30.0)	18 (32.1)	25 (21.7)	24 (16.9)	41 (30.1)	
	Moderate	**	12 (18.5)	8 (50.0)	18 (58.1)	27 (50.9)	36 (57.1)	11 (55.0)	24 (42.9)	54 (47.0)	64 (45.1)	60 (44.1)	
	Severe	10 (45.5)	35 (53.8)	6 (37.5)	**	15 (28.3)	11 (17.5)	**	14 (25.0)	36 (31.3)	54 (38.0)	35 (25.7)	
Functional Independence Measure score	Admission FIM score	Mean	73.2	67.8	70.4	81.5	80.0	82.2	81.6	78.1	77.0	69.2	77.8
		Median	79.0	66.0	75.5	81.0	85.0	85.0	85.0	81.5	81.0	71.0	78.5
	Discharge FIM score	Mean	96.3	92.5	92.3	104.4	102.0	101.2	101.3	103.4	100.3	96.1	95.9
		Median	114.0	108.0	102.0	109.0	104.0	107.0	105.5	112.5	107.5	103.0	103.5
	Change in FIM score	Mean	23.1	24.4	21.9	22.9	21.0	18.5	19.8	25.3	23.6	26.1	18.1
		Median	20.5	25.0	21.5	22.0	19.5	16.0	21.5	25.0	24.0	25.5	16.5
	FIM efficiency ²	Mean	1.2	1.1	0.8	1.0	0.6	0.6	0.7	1.3	0.8	1.0	0.8
		Median	0.9	1.0	0.7	0.8	0.5	0.5	0.6	0.9	0.7	0.9	0.7
	Relative change, %	Mean	36.2	38.9	36.1	29.6	33.9	24.9	27.6	40.3	37.4	44.1	26.8
		Median	22.0	34.1	28.5	31.0	23.9	18.5	27.4	30.3	28.4	38.0	20.8
Discharge destination following inpatient rehabilitation, n (%)	Home without services	**	8 (12.9)	7 (50.0)	13 (44.8)	20 (39.2)	24 (39.3)	8 (44.4)	21 (50.0)	10 (8.8)	36 (27.3)	35 (26.5)	
	Home with services	12 (57.1)	31 (50.0)	**	12 (41.4)	20 (39.2)	26 (42.6)	8 (44.4)	13 (31.0)	78 (69.0)	66 (50.0)	33 (25.0)	
	Other community services	**	**	**	**	**	**	**	**	6 (5.3)	8 (6.1)	**	
	Long-term care facility	**	10 (16.1)	**	**	**	**	**	**	11 (9.7)	19 (14.4)	34 (25.8)	
	Acute care facility	**	9 (14.5)	**	**	**	**	**	**	8 (7.1)	**	**	
Average length of stay ³ in days	Mean	29.7	36.7	42.3	31.5	37.8	34.9	32.5	28.0	37.5	33.9	28.2	
	Median	28	30	28	22	34.5	30	30.5	20	33	29	28	

Outcomes for 2009/10		South East															
		Addington, North & Central Frontenac	Belleville	Brockville	Central Hastings	Gananoque, Leeds	Kingston & Islands	North Hastings	Prince Edward County	Quinte West, Brighton	Rideau Lakes	Southeast Leeds & Grenville	Smiths Falls, Perth, Lanark	South Frontenac	Stone Mills, Loyalist	Tyendinaga, Napanee	
Patients Discharged Alive from Acute Care in 2009/10		10	58	48	27	6	101	6	33	32	7	22	39	8	19	18	
Admission to inpatient rehabilitation ¹ , n (%)		**	21 (36.2)	16 (33.3)	9 (33.3)	-	28 (27.7)	**	9 (27.3)	15 (46.9)	**	8 (36.4)	**	-	**	**	
Days from stroke onset to inpatient rehabilitation admission	Mean	31.5	9.9	23.0	9.0	-	32.0	11.5	20.7	12.5	15.0	20.0	13.7	-	26.2	19.5	
	Median	31.5	8	13.5	8	-	15.5	11.5	9	9	15	19	12	-	20	20	
Disability, n (%)	Mild	**	**	**	**	-	**	**	**	**	**	**	**	-	**	**	
	Moderate	**	10 (47.6)	12 (75.0)	**	-	19 (67.9)	**	**	7 (46.7)	**	**	**	-	**	**	
	Severe	**	7 (33.3)	**	**	-	7 (25.0)	**	**	**	**	**	**	-	**	**	
Functional Independence Measure score	Admission FIM score	Mean	89.5	79.5	78.6	66.6	-	79.3	103.5	70.6	81.7	108.0	72.0	80.0	-	67.8	100.5
		Median	89.5	79.0	83.0	60.0	-	81.5	103.5	65.0	81.0	108.0	79.5	75.0	-	71.0	102.0
	Discharge FIM score	Mean	88.0	97.5	100.3	95.2	-	101.2	122.0	93.6	103.3	117.0	96.3	93.0	-	97.6	112.5
		Median	88.0	107.0	106.0	103.0	-	114.5	122.0	96.0	111.0	117.0	101.5	106.0	-	97.0	115.5
	Change in FIM score	Mean	-1.5	18.0	21.6	28.7	-	21.9	18.5	23.8	21.6	9.0	24.3	13.0	-	29.8	12.0
		Median	-1.5	14.0	20.0	34.0	-	22.5	18.5	21.0	24.0	9.0	24.0	7.0	-	22.0	13.0
	FIM efficiency ²	Mean	-0.0	0.8	0.6	0.6	-	0.5	0.5	0.5	0.8	0.2	0.6	0.5	-	0.7	0.3
		Median	-0.0	0.7	0.4	0.5	-	0.4	0.5	0.6	0.7	0.2	0.5	0.2	-	0.7	0.2
	Relative change, %	Mean	-4.8	23.6	31.8	52.1	-	34.7	17.9	38.2	30.2	8.3	39.4	16.5	-	54.9	12.9
		Median	-4.8	17.8	23.9	39.1	-	31.3	17.9	33.9	27.3	8.3	30.2	6.4	-	28.2	13.4
Discharge destination following inpatient rehabilitation, n (%)	Home without services	**	**	**	**	-	**	**	**	**	-	**	**	-	-	**	
	Home with services	**	8 (42.1)	10 (66.7)	**	-	18 (64.3)	**	**	**	**	**	-	-	**	**	
	Other community services	**	**	**	**	-	**	**	**	**	**	**	**	-	**	**	
	Long-term care facility	**	**	**	**	-	**	**	**	**	**	**	**	-	**	**	
	Acute care facility	**	6 (31.6)	**	**	-	**	**	**	**	**	**	**	-	**	**	
Average length of stay ³ in days	Mean	61.0	26.3	42.9	53.2	-	52.9	49.5	50.0	29.8	44.0	44.9	23.7	-	43.8	46.3	
	Median	61	22	44	49	-	48	49.5	50	28	44	41	27	-	43	45	

EXHIBIT 5.3S continued

Outcomes for 2009/10		Champlain						North Simcoe Muskoka					
		Ottawa Centre	Ottawa East	Ottawa West	Renfrew County	North Lanark / North Grenville	Eastern Counties	Collingwood & Area	Barrie & Area	Orillia & Area	Midland & Penetanguishene Area	Muskoka	
Patients Discharged Alive from Acute Care in 2009/10		147	128	256	106	29	175	54	157	61	68	71	
Admission to inpatient rehabilitation ¹ , n (%)		48 (32.7)	32 (25.0)	83 (32.4)	47 (44.3)	**	47 (26.9)	16 (29.6)	64 (40.8)	24 (39.3)	19 (27.9)	12 (16.9)	
Days from stroke onset to inpatient rehabilitation admission	Mean	40.2	23.3	20.7	16.6	17.6	28.1	15.6	18.1	11.0	11.6	28.9	
	Median	22	15	13	12	19	19	13	13.5	9	11	24	
Disability, n (%)	Mild	9 (18.8)	**	15 (18.1)	17 (37.0)	**	11 (23.4)	**	13 (21.0)	**	6 (31.6)	**	
	Moderate	26 (54.2)	20 (62.5)	54 (65.1)	9 (19.6)	**	18 (38.3)	**	17 (27.4)	12 (50.0)	12 (63.2)	7 (58.3)	
	Severe	13 (27.1)	7 (21.9)	14 (16.9)	20 (43.5)	**	18 (38.3)	7 (43.8)	32 (51.6)	7 (29.2)	**	**	
Functional Independence Measure score	Admission FIM score	Mean	76.1	78.0	82.6	78.8	75.4	73.2	77.9	66.4	78.1	86.3	88.9
		Median	73.5	76.0	84.0	87.0	76.0	71.0	74.0	65.0	89.0	86.0	90.5
	Discharge FIM score	Mean	99.0	100.6	102.6	109.1	100.6	90.8	107.3	99.0	110.2	110.6	109.6
		Median	106.0	105.5	107.0	116.0	102.0	101.0	111.0	106.5	114.0	113.0	115.0
	Change in FIM score	Mean	21.9	22.7	19.9	27.3	25.2	17.6	27.2	23.6	28.8	21.6	21.2
		Median	21.5	21.0	20.0	22.0	26.0	17.0	26.0	16.0	24.0	18.5	22.0
	FIM efficiency ²	Mean	0.6	0.7	0.7	1.1	0.9	0.4	1.3	0.9	1.1	0.7	0.7
		Median	0.6	0.7	0.7	0.9	0.6	0.4	1.0	0.7	0.9	0.6	0.7
Relative change, %	Mean	30.6	35.3	28.6	47.4	33.8	26.8	39.8	45.8	52.4	26.9	24.9	
	Median	28.6	29.4	23.5	24.7	34.2	22.9	32.5	18.9	26.6	18.8	22.5	
Discharge destination following inpatient rehabilitation, n (%)	Home without services	18 (42.9)	13 (40.6)	35 (44.3)	22 (47.8)	**	8 (17.4)	**	24 (42.1)	12 (57.1)	7 (46.7)	**	
	Home with services	17 (40.5)	10 (31.3)	22 (27.8)	15 (32.6)	**	16 (34.8)	**	8 (14.0)	**	**	**	
	Other community services	**	**	11 (13.9)	**	**	**	**	**	**	**	**	
	Long-term care facility	**	**	**	**	**	**	**	**	**	**	**	
	Acute care facility	**	**	**	8 (17.4)	**	14 (30.4)	**	19 (33.3)	**	**	**	
Average length of stay ³ in days	Mean	54.6	37.0	30.5	28.3	30.0	48.3	29.4	37.0	35.3	32.1	37.5	
	Median	42	29.5	29	21	31	42	27.5	25	22	28	38.5	

Outcomes for 2009/10		North East						North West					
		Algoma	James & Hudson Bay Coasts	Nipissing	Parry Sound	Manitoulin-Sudbury	Timiskaming	Cochrane	Kenora	Rainy River	Thunder Bay District	Thunder Bay City	
Patients Discharged Alive from Acute Care in 2009/10		153	7	83	46	226	39	88	75	27	41	151	
Admission to inpatient rehabilitation ¹ , n (%)		54 (35.3)	-	21 (25.3)	16 (34.8)	66 (29.2)	6 (15.4)	24 (27.3)	20 (26.7)	**	17 (41.5)	69 (45.7)	
Days from stroke onset to inpatient rehabilitation admission	Mean	21.3	-	26.5	23.2	20.8	20.5	8.9	26.5	12.8	16.5	14.5	
	Median	10.5	-	13	11	14	16.5	5	20.5	13	10	12	
Disability, n (%)	Mild	10 (18.5)	-	10 (47.6)	**	11 (16.7)	**	7 (29.2)	**	**	**	13 (19.1)	
	Moderate	23 (42.6)	-	7 (33.3)	**	27 (40.9)	**	8 (33.3)	7 (35.0)	**	8 (47.1)	33 (48.5)	
	Severe	21 (38.9)	-	**	7 (43.8)	28 (42.4)	**	9 (37.5)	13 (65.0)	**	**	22 (32.4)	
Functional Independence Measure score	Admission FIM score	Mean	73.6	-	90.7	76.4	70.7	71.7	78.5	59.9	86.0	76.7	73.1
		Median	72.5	-	91.0	70.0	74.0	65.5	81.0	49.5	90.0	78.0	78.0
	Discharge FIM score	Mean	98.9	-	109.5	103.3	89.1	100.5	100.2	88.2	111.6	106.3	104.9
		Median	105.0	-	115.5	108.0	95.0	103.0	108.5	94.0	115.0	114.0	112.0
	Change in FIM score	Mean	22.3	-	20.2	26.9	17.7	28.8	22.2	24.8	25.6	27.6	22.7
		Median	21.0	-	19.0	23.5	15.0	26.0	19.5	27.5	25.0	21.0	19.0
	FIM efficiency ²	Mean	0.9	-	0.6	0.6	0.5	1.0	1.0	0.6	0.9	0.7	0.6
		Median	0.8	-	0.6	0.5	0.4	1.0	0.9	0.5	1.0	0.7	0.6
Relative change, %	Mean	35.4	-	30.6	40.8	33.3	50.3	44.2	54.9	35.4	44.9	36.1	
	Median	25.4	-	20.7	30.0	19.4	35.8	25.7	55.9	27.8	27.1	24.2	
Discharge destination following inpatient rehabilitation, n (%)	Home without services	**	-	**	**	12 (18.5)	**	6 (28.6)	**	**	**	22 (44.0)	
	Home with services	32 (60.4)	-	11 (55.0)	10 (66.7)	34 (52.3)	**	11 (52.4)	**	-	7 (43.8)	22 (44.0)	
	Other community services	**	-	**	**	**	**	**	**	**	**	**	
	Long-term care facility	**	-	**	**	8 (12.3)	**	**	**	**	**	**	
	Acute care facility	11 (20.8)	-	**	**	9 (13.8)	**	**	12 (60.0)	**	**	**	
Average length of stay ³ in days	Mean	36.0	-	45.0	58.9	51.2	49.8	25.2	53.9	29.2	44.4	40.0	
	Median	28	-	34.5	40.5	43	26.5	20	43.5	24	42	34	

EXHIBIT 5.3S continued

Outcomes for 2010/11		Ontario	Erie St. Clair				South West						Waterloo Wellington						
			Essex	Chatham-Kent	Lambton	Bruce	Grey	Huron	Perth	Middlesex	Oxford-Norfolk	Elgin	Urban Waterloo & Rural Waterloo South	Urban Guelph	Rural Waterloo	Rural - South Grey & North Wellington	Rural Wellington		
Patients Discharged Alive from Acute Care in 2010/11		10,818	365	146	152	64	118	51	65	362	96	88	321	116	35	27	44		
Admission to inpatient rehabilitation ¹ , n (%)		3,348 (31.1)	129 (35.3)	77 (52.7)	63 (41.4)	23 (35.9)	38 (32.2)	16 (31.4)	28 (43.1)	139 (38.4)	22 (22.9)	35 (39.8)	100 (31.2)	31 (26.7)	12 (34.3)	8 (29.6)	9 (20.5)		
Days from stroke onset to inpatient rehabilitation admission		Mean	15.3	18.4	10.3	7.9	8.3	12.1	11.9	10.4	17.2	13.5	9.2	19.4	17.4	10.1	14.5	10.0	
		Median	10	15.5	8	7	7	6	9.5	6	10	9.5	7	11	13	10	10.5	9	
Disability, n (%)		Mild	668 (20.2)	28 (22.8)	16 (21.1)	12 (19.4)	**	7 (18.4)	**	**	24 (17.8)	6 (27.3)	7 (20.6)	32 (32.3)	11 (35.5)	**	**	**	
		Moderate	1,577 (47.8)	39 (31.7)	25 (32.9)	28 (45.2)	9 (39.1)	12 (31.6)	7 (43.8)	11 (39.3)	61 (45.2)	7 (31.8)	16 (47.1)	42 (42.4)	6 (19.4)	6 (54.5)	**	**	
		Severe	1,055 (32.0)	56 (45.5)	35 (46.1)	22 (35.5)	10 (43.5)	19 (50.0)	6 (37.5)	12 (42.9)	50 (37.0)	9 (40.9)	11 (32.4)	25 (25.3)	14 (45.2)	2 (18.2)	**	**	
Functional Independence Measure score		Admission FIM score	Mean	67.9	70.5	72.4	67.7	68.5	75.7	70.4	78.0	74.1	76.9	80.6	74.6	84.6	80.6	68.3	
		Median	78.0	70.0	68.0	74.5	67.0	65.5	78.5	75.5	78.0	73.5	78.5	82.0	70.0	77.0	90.5	66.0	
		Discharge FIM score	Mean	89.5	87.9	100.2	98.5	96.4	87.5	88.3	100.7	96.8	97.2	101.1	102.1	99.0	100.8	102.3	
		Median	107.0	96.0	94.0	111.0	103.0	104.5	104.0	103.5	108.0	111.0	106.0	108.0	107.0	109.0	113.5	108.0	
		Change in FIM score	Mean	19.7	17.3	27.1	25.1	26.3	11.8	27.1	19.9	22.4	22.7	19.9	19.9	22.0	14.5	20.1	34.0
		Median	21.0	19.0	17.0	26.0	18.0	26.0	9.0	20.5	20.0	19.5	20.0	19.0	23.0	22.0	20.5	24.0	
FIM efficiency ²		Mean	0.9	0.7	0.8	1.0	1.1	1.1	0.5	0.6	0.8	0.9	1.1	0.7	0.8	0.3	1.2	0.9	
		Median	0.7	0.6	0.8	0.9	1.0	1.0	0.4	0.6	0.7	0.6	0.9	0.7	0.8	0.6	1.2	0.9	
		Relative change, %	Mean	35.7	42.0	28.3	45.2	43.0	47.1	17.1	30.2	36.0	35.4	33.1	26.9	36.1	19.4	25.9	57.6
Median	26.8	23.4	22.6	31.3	26.1	36.7	14.6	26.1	24.2	25.3	22.5	24.6	24.7	27.2	27.0	36.4			
Discharge destination following inpatient rehabilitation, n (%)		Home without services	999 (31.9)	12 (10.6)	13 (17.3)	26 (42.6)	**	**	**	**	97 (73.5)	13 (59.1)	**	14 (14.6)	10 (33.3)	**	**	**	
		Home with services	1,289 (41.1)	68 (60.2)	31 (41.3)	16 (26.2)	13 (68.4)	22 (64.7)	**	13 (46.4)	**	**	15 (53.6)	48 (50.0)	10 (33.3)	7 (70.0)	**	**	
		Other community services	227 (7.2)	13 (11.5)	8 (10.7)	**	**	**	**	**	7 (5.3)	**	**	17 (17.7)	**	**	**	**	
		Long-term care facility	321 (10.2)	12 (10.6)	13 (17.3)	13 (21.3)	**	8 (23.5)	6 (40.0)	9 (32.1)	20 (15.2)	**	**	9 (9.4)	**	**	**	**	
		Acute care facility	241 (7.7)	**	**	**	**	**	**	**	7 (5.3)	6 (27.3)	**	7 (7.3)	7 (23.3)	**	**	**	
Average length of stay ³ in days		Mean	33.2	33.9	27.3	32.6	30.4	32.7	29.6	35.1	31.5	32.2	22.7	36.0	34.9	35.4	21.6	37.8	
		Median	28	29.5	24	28	27	24.5	31	34.5	28	29	21	28	35	26.5	21	38	

Outcomes for 2010/11		Brant & Brantford	New Credit & Six Nations	Hamilton Niagara Haldimand Brant												Hamilton Urban Core	Hamilton Outer Core	
				Haldimand & Norfolk	Burlington	East Niagara	North Niagara	South Niagara	West Niagara	Stoney Creek	Glanbrook	Ancaster	Flamborough	Dundas				
Patients Discharged Alive from Acute Care in 2010/11		143	**	99	153	123	193	87	40	61	17	27	26	27	129	250		
Admission to inpatient rehabilitation ¹ , n (%)		37 (25.9)	-	30 (30.3)	27 (17.6)	62 (50.4)	61 (31.6)	27 (31.0)	7 (17.5)	25 (41.0)	11 (64.7)	10 (37.0)	6 (23.1)	9 (33.3)	49 (38.0)	90 (36.0)		
Days from stroke onset to inpatient rehabilitation admission		Mean	-	20.8	11.9	14.7	18.6	14.3	15.0	16.6	14.5	12.0	10.0	11.8	14.5	15.1		
		Median	11	-	16	8	11	11	11	6.5	14	11	11	9	9	11	11	
Disability, n (%)		Mild	**	**	6 (22.2)	16 (26.2)	11 (18.0)	8 (29.6)	**	**	**	**	**	**	**	15 (16.7)		
		Moderate	16 (43.2)	-	10 (33.3)	11 (40.7)	30 (49.2)	37 (60.7)	13 (48.1)	**	13 (54.2)	8 (72.7)	**	**	6 (66.7)	28 (57.1)	44 (48.9)	
		Severe	16 (43.2)	-	18 (60.0)	10 (37.0)	15 (24.6)	13 (21.3)	6 (22.2)	**	11 (45.8)	**	7 (70.0)	**	**	17 (34.7)	31 (34.4)	
Functional Independence Measure score		Admission FIM score	Mean	-	61.2	72.4	78.9	77.5	80.1	83.0	71.2	74.5	58.7	86.8	78.0	70.1	74.0	
		Median	69.0	-	60.5	72.0	82.0	79.0	81.0	81.0	74.5	72.0	56.5	86.0	83.0	71.0	77.0	
		Discharge FIM score	Mean	-	-	96.2	98.9	109.2	108.0	109.9	107.2	97.3	107.2	99.3	109.0	97.6	98.8	101.3
		Median	106.0	-	105.5	103.0	116.0	115.0	115.5	107.0	102.0	118.0	101.5	108.5	100.5	103.0	108.0	
		Change in FIM score	Mean	-	-	33.4	24.5	28.0	29.6	29.7	24.2	25.7	33.2	34.5	22.2	14.6	23.9	23.9
		Median	34.0	-	33.5	21.5	28.0	28.0	25.5	19.5	21.0	32.0	33.5	14.0	17.5	22.0	21.0	
FIM efficiency ²		Mean	-	-	0.9	1.1	1.0	1.0	1.1	0.8	1.4	1.2	0.6	0.5	0.8	0.9		
		Median	-	-	0.8	0.9	0.9	1.0	1.0	0.9	0.7	1.1	1.2	0.4	0.6	0.9		
		Relative change, %	Mean	55.1	-	71.6	42.1	39.6	43.2	44.6	31.2	47.2	60.0	56.8	32.5	23.7	41.9	40.7
Median	47.3	-	45.2	31.2	36.3	31.9	28.2	23.5	27.8	44.9	58.0	16.8	16.8	31.0	28.1			
Discharge destination following inpatient rehabilitation, n (%)		Home without services	8 (21.6)	-	9 (32.1)	**	22 (36.1)	15 (24.6)	11 (40.7)	**	**	6 (60.0)	**	**	**	8 (17.4)	23 (26.7)	
		Home with services	18 (48.6)	-	11 (39.3)	21 (80.8)	31 (50.8)	29 (47.5)	13 (48.1)	**	11 (50.0)	**	6 (66.7)	**	**	24 (52.2)	41 (47.7)	
		Other community services	7 (18.9)	-	**	**	**	**	**	**	**	**	**	**	**	**	**	
		Long-term care facility	**	-	**	**	**	9 (14.8)	**	**	**	**	**	**	**	6 (13.0)	9 (10.5)	
		Acute care facility	**	-	**	**	**	**	**	**	**	**	**	**	**	**	**	
Average length of stay ³ in days		Mean	37.9	-	40.1	35.0	33.1	36.4	33.6	23.0	34.0	26.3	46.6	45.7	27.1	29.3	32.4	
		Median	40	-	37	25	31.5	36	29	22	33.5	23.5	32.5	32	21	25.5	27.5	

EXHIBIT 5.3S continued

Outcomes for 2010/11	Central West						Mississauga Halton						Toronto Central								
	Dufferin County	Malton (Mississauga)	Caledon	Brampton	Rexdale (Toronto)	Woodbridge (Vaughan)	Milton	Halton Hills	Oakville	Northwest Mississauga	Southeast Mississauga	South Etobicoke (Toronto)	West	North West	South West	North Toronto	South East	East	North East		
Patients Discharged Alive from Acute Care in 2010/11	46	33	41	302	129	28	33	43	151	158	253	113	121	176	126	235	112	72	92		
Admission to inpatient rehabilitation ¹ , n (%)	12 (26.1)	11 (33.3)	9 (22.0)	70 (23.2)	36 (27.9)	9 (32.1)	**	**	15 (9.9)	44 (27.8)	84 (33.2)	31 (27.4)	42 (34.7)	50 (28.4)	45 (35.7)	67 (28.5)	39 (34.8)	18 (25.0)	33 (35.9)		
Days from stroke onset to inpatient rehabilitation admission	Mean	22.2	19.7	16.9	17.0	17.9	11.0	7.0	11.6	11.7	16.7	10.3	14.1	15.2	15.0	12.5	12.5	15.9	22.7		
	Median	17.5	19	15	11	15	11	8	8	9	7	8	12	11	10	10	10	13	11		
Disability, n (%)	Mild	**	**	**	13 (18.6)	7 (20.0)	**	**	**	**	10 (12.0)	**	**	9 (19.1)	6 (13.6)	19 (28.8)	**	**	**		
	Moderate	10 (83.3)	**	7 (87.5)	46 (65.7)	17 (48.6)	**	**	**	10 (66.7)	23 (52.3)	41 (49.4)	19 (63.3)	28 (66.7)	25 (53.2)	29 (65.9)	36 (54.5)	27 (69.2)	8 (44.4)	18 (56.3)	
	Severe	**	6 (54.5)	**	11 (15.7)	11 (31.4)	**	**	**	**	17 (38.6)	32 (38.6)	8 (26.7)	10 (23.8)	13 (27.7)	9 (20.5)	11 (16.7)	8 (20.5)	7 (38.9)	10 (31.3)	
Functional Independence Measure score	Admission FIM score	Mean	82.3	70.4	89.0	80.2	76.3	60.0	69.3	76.1	72.6	71.5	73.9	78.7	80.2	78.2	84.2	84.9	75.9	74.6	
		Median	84.5	66.0	94.5	78.0	78.0	72.0	60.0	76.0	81.0	71.5	71.0	77.0	81.0	83.0	78.5	83.5	86.0	82.0	77.0
	Discharge FIM score	Mean	111.3	90.2	112.6	106.0	98.9	98.3	126.0	79.0	89.9	97.4	98.7	98.2	101.7	104.3	104.8	101.9	107.5	97.5	101.4
		Median	114.5	99.0	115.0	110.0	105.0	100.5	126.0	79.0	93.0	103.0	101.0	103.0	106.0	106.0	107.0	108.0	111.0	112.0	103.5
	Change in FIM score	Mean	29.0	16.8	20.4	24.3	22.2	22.0	38.0	3.0	15.9	23.6	23.7	22.0	21.1	23.0	24.5	17.7	21.6	19.4	24.3
		Median	27.5	16.5	19.0	25.0	22.5	23.0	38.0	3.0	15.5	25.0	21.0	24.0	21.0	21.0	23.0	20.0	20.0	20.0	26.0
	FIM efficiency ²	Mean	1.1	0.4	0.9	0.7	0.6	0.7	0.7	0.1	0.4	1.0	1.3	1.2	0.8	0.7	0.7	0.6	0.6	0.5	0.7
		Median	0.9	0.6	0.6	0.6	0.5	0.6	0.7	0.1	0.6	0.9	1.0	0.9	0.8	0.6	0.6	0.5	0.5	0.5	0.7
Relative change, %	Mean	35.6	24.3	23.1	33.1	35.9	37.6	43.2	4.0	27.9	38.4	35.4	31.7	29.6	34.6	34.9	24.6	29.3	35.5	35.5	
	Median	35.4	20.6	20.0	31.1	29.9	31.3	43.2	4.0	19.1	36.7	27.8	28.6	24.2	28.4	29.2	18.4	21.1	24.5	34.4	
Discharge destination following inpatient rehabilitation, n (%)	Home without services	**	**	**	13 (19.4)	12 (36.4)	**	**	**	**	**	**	6 (20.7)	17 (42.5)	25 (59.5)	26 (60.5)	32 (51.6)	16 (42.1)	9 (50.0)	12 (37.5)	
	Home with services	8 (66.7)	**	**	43 (64.2)	13 (39.4)	**	**	**	**	26 (60.5)	54 (65.9)	15 (51.7)	14 (35.0)	10 (23.8)	7 (16.3)	18 (29.0)	13 (34.2)	**	12 (37.5)	
	Other community services	**	**	**	**	**	**	**	**	**	**	8 (9.8)	**	**	**	**	7 (11.3)	**	**	**	
	Long-term care facility	**	**	**	**	8 (24.2)	**	**	**	**	**	7 (8.5)	**	**	**	**	**	**	**	**	
Acute care facility	**	**	**	**	**	**	**	**	**	**	10 (12.2)	**	**	**	**	**	**	**	**		
Average length of stay ³ in days	Mean	33.1	36.3	30.3	41.0	45.1	48.3	44.5	24.0	34.8	27.6	26.5	25.7	30.3	38.5	41.9	35.3	47.7	37.4	32.7	
	Median	27.5	36	29	40	38	31	44.5	24	34	23.5	25.5	18	27	34.5	37.5	30	41	38	30	

Outcomes for 2010/11	Central								Central East			
	South Simcoe & Northern York Region	Central York Region	Richmond Hill	South West York Region	North York West	North York Central	North York East	Markham	North East Cluster	Durham Cluster	Scarborough Cluster	
Patients Discharged Alive from Acute Care in 2010/11	68	141	91	141	256	283	97	137	297	420	531	
Admission to inpatient rehabilitation ¹ , n (%)	15 (22.1)	40 (28.4)	16 (17.6)	23 (16.3)	57 (22.3)	71 (25.1)	26 (26.8)	53 (38.7)	117 (39.4)	178 (42.4)	126 (23.7)	
Days from stroke onset to inpatient rehabilitation admission	Mean	11.9	13.0	19.6	15.8	19.1	14.7	18.7	10.0	10.6	11.2	
	Median	9	10	14	12	14	12	8	7	7	9	
Disability, n (%)	Mild	**	13 (32.5)	7 (43.8)	6 (26.1)	10 (17.5)	20 (28.2)	6 (23.1)	14 (28.0)	21 (18.3)	30 (24.0)	
	Moderate	6 (42.9)	13 (32.5)	**	16 (69.6)	40 (70.2)	37 (52.1)	14 (53.8)	18 (36.0)	59 (51.3)	76 (44.7)	
	Severe	**	14 (35.0)	**	**	7 (12.3)	14 (19.7)	6 (23.1)	18 (36.0)	35 (30.4)	74 (43.5)	
Functional Independence Measure score	Admission FIM score	Mean	71.9	77.1	82.1	85.4	83.3	82.2	79.2	74.9	75.5	79.5
		Median	73.5	78.0	87.0	82.0	84.0	85.0	83.5	73.5	78.0	69.0
	Discharge FIM score	Mean	103.1	100.2	102.7	107.0	104.0	103.8	99.0	95.7	100.1	99.1
		Median	109.0	107.0	108.0	108.0	109.0	109.0	102.5	105.5	105.0	106.0
	Change in FIM score	Mean	29.2	22.0	20.6	21.6	20.5	20.3	19.8	18.4	24.0	22.1
		Median	24.0	22.5	18.5	21.0	18.0	20.5	17.5	17.5	21.0	19.0
	FIM efficiency ²	Mean	1.0	1.1	0.7	0.9	0.7	0.7	0.8	0.8	1.0	1.1
		Median	0.9	1.1	0.7	0.7	0.6	0.6	0.7	0.6	0.9	0.8
Relative change, %	Mean	47.6	31.4	30.6	28.4	28.4	27.4	31.0	29.1	36.2	27.7	
	Median	30.8	25.9	21.0	25.3	19.6	23.1	22.4	22.0	28.6	22.3	
Discharge destination following inpatient rehabilitation, n (%)	Home without services	6 (42.9)	11 (29.7)	8 (53.3)	14 (63.6)	25 (44.6)	39 (56.5)	11 (42.3)	15 (31.9)	9 (8.6)	50 (32.3)	
	Home with services	**	19 (51.4)	7 (46.7)	8 (36.4)	25 (44.6)	20 (29.0)	11 (42.3)	19 (40.4)	64 (61.0)	61 (39.4)	
	Other community services	**	**	**	**	**	**	**	**	16 (15.2)	14 (9.0)	
	Long-term care facility	**	**	**	**	**	**	**	**	10 (9.5)	21 (13.5)	
Acute care facility	**	**	**	**	**	**	**	**	6 (12.8)	9 (5.8)		
Average length of stay ³ in days	Mean	27.9	30.8	29.9	28.0	35.0	37.2	28.4	26.4	30.3	24.2	
	Median	28	21	30	25	29	32.5	29	21	23.5	26	

EXHIBIT 5.3S continued

Outcomes for 2010/11		South East															
		Addington, North & Central Frontenac	Belleville	Brockville	Central Hastings	Gananoque, Leeds	Kingston & Islands	North Hastings	Prince Edward County	Quinte West, Brighton	Rideau Lakes	Southeast Leeds & Grenville	Smiths Falls, Perth, Lanark	South Frontenac	Stone Mills, Loyalist	Tyendinaga, Napanee	
Patients Discharged Alive from Acute Care in 2010/11		6	62	54	37	11	100	10	33	56	14	19	35	10	23	23	
Admission to inpatient rehabilitation ¹ , n (%)		**	20 (32.3)	16 (29.6)	13 (35.1)	**	27 (27.0)	**	13 (39.4)	22 (39.3)	**	7 (36.8)	-	6 (60.0)	**	6 (26.1)	
Days from stroke onset to inpatient rehabilitation admission	Mean	37.0	12.8	17.1	11.5	18.5	13.1	22.3	15.9	15.5	9.5	19.4	-	26.3	21.2	11.8	
	Median	37	11.5	17.5	7	13	12.5	18	11	11	9.5	9	-	21	14	13	
Disability, n (%)	Mild	**	**	**	**	**	7 (26.9)	**	**	**	**	**	-	**	**	**	
	Moderate	**	10 (52.6)	**	**	**	13 (50.0)	**	7 (53.8)	10 (45.5)	**	**	-	**	**	**	
	Severe	**	6 (31.6)	10 (62.5)	6 (46.2)	**	6 (23.1)	**	**	9 (40.9)	**	**	-	**	**	**	
Functional Independence Measure score	Admission FIM score	Mean	28.0	73.0	63.8	76.5	84.0	82.2	83.8	77.4	73.1	85.0	-	65.0	58.0	66.8	
		Median	28.0	78.0	57.5	69.0	89.5	82.5	87.0	76.0	72.5	85.0	-	56.5	52.0	63.0	
	Discharge FIM score	Mean	80.0	98.3	82.4	105.5	106.0	107.7	106.5	103.2	104.4	101.5	111.4	-	81.4	83.0	93.7
		Median	80.0	112.0	87.0	112.0	114.0	113.5	112.0	108.0	108.0	101.5	111.0	-	75.0	77.0	87.0
	Change in FIM score	Mean	52.0	25.3	20.2	29.0	22.0	24.5	22.8	25.9	30.1	16.5	25.4	-	13.8	25.0	26.8
		Median	52.0	29.0	21.0	33.0	21.5	22.5	25.0	28.0	32.0	16.5	24.0	-	14.0	24.0	18.5
	FIM efficiency ²	Mean	0.9	0.9	0.4	0.9	1.2	0.6	0.9	1.1	1.0	0.3	0.9	-	0.2	0.6	1.0
		Median	0.9	0.7	0.3	0.8	0.7	0.5	0.8	1.0	1.0	0.3	0.8	-	0.2	0.6	0.6
Relative change, %	Mean	185.7	38.9	36.5	41.1	29.8	32.3	37.1	38.6	46.6	19.5	32.5	-	31.1	50.5	50.8	
	Median	185.7	37.4	36.2	40.7	28.0	27.3	29.3	42.1	35.6	19.5	27.6	-	23.0	36.5	30.3	
Discharge destination following inpatient rehabilitation, n (%)	Home without services	**	6 (33.3)	**	**	**	**	**	**	8 (40.0)	**	**	-	**	**	**	
	Home with services	**	7 (38.9)	7 (63.6)	**	**	16 (64.0)	**	**	8 (40.0)	**	**	-	**	**	**	
	Other community services	**	**	**	**	**	**	**	**	**	**	**	-	**	**	**	
	Long-term care facility	**	**	**	**	**	**	**	**	**	**	**	-	**	**	**	
	Acute care facility	**	**	**	**	**	**	**	**	**	**	**	-	**	**	**	
Average length of stay ³ in days	Mean	59.0	37.8	53.4	38.4	31.5	41.7	39.5	27.5	38.2	49.5	37.6	-	58.5	52.8	51.3	
	Median	59	28	43	30	30	43	40	22	31	49.5	41	-	52.5	51	53	

Outcomes for 2010/11		Champlain						North Simcoe Muskoka					
		Ottawa Centre	Ottawa East	Ottawa West	Renfrew County	North Lanark / North Grenville	Eastern Counties	Collingwood & Area	Barrie & Area	Orillia & Area	Midland & Penetanguishene Area	Muskoka	
Patients Discharged Alive from Acute Care in 2010/11		154	122	263	107	24	204	66	164	58	64	60	
Admission to inpatient rehabilitation ¹ , n (%)		44 (28.6)	29 (23.8)	81 (30.8)	53 (49.5)	**	54 (26.5)	15 (22.7)	55 (33.5)	18 (31.0)	18 (28.1)	9 (15.0)	
Days from stroke onset to inpatient rehabilitation admission	Mean	35.6	18.5	19.7	27.5	14.3	20.5	20.4	8.0	13.9	10.4	20.0	
	Median	17	12	12.5	10	15	14	13	6	10	7	17	
Disability, n (%)	Mild	8 (18.2)	7 (24.1)	11 (13.8)	13 (25.0)	**	15 (27.8)	7 (46.7)	11 (20.4)	**	7 (38.9)	6 (66.7)	
	Moderate	22 (50.0)	14 (48.3)	57 (71.3)	17 (32.7)	**	24 (44.4)	**	19 (35.2)	10 (55.6)	8 (44.4)	**	
	Severe	14 (31.8)	8 (27.6)	12 (15.0)	22 (42.3)	**	15 (27.8)	**	24 (44.4)	6 (33.3)	**	**	
Functional Independence Measure score	Admission FIM score	Mean	75.0	80.4	80.9	75.2	81.3	82.8	83.9	66.4	74.5	85.7	84.8
		Median	71.5	84.0	81.0	75.0	85.0	86.5	86.0	71.5	73.5	88.5	91.0
	Discharge FIM score	Mean	100.5	106.7	102.9	98.6	101.7	102.3	111.5	102.5	108.0	104.9	103.7
		Median	109.5	110.0	106.0	108.0	109.0	111.0	117.0	106.5	114.5	116.5	117.0
	Change in FIM score	Mean	25.5	25.3	21.3	22.7	20.3	19.5	28.5	27.1	28.7	19.9	18.9
		Median	25.0	18.0	19.0	19.0	24.0	17.5	25.5	27.5	27.5	18.5	15.0
	FIM efficiency ²	Mean	0.9	0.9	1.1	0.7	0.5	0.7	1.2	1.9	0.9	1.0	0.9
		Median	0.7	0.9	0.9	0.6	0.6	0.5	1.2	1.4	0.7	0.6	0.9
Relative change, %	Mean	37.8	39.9	28.8	40.6	31.2	30.3	38.1	47.4	38.8	25.4	25.9	
	Median	31.4	25.6	25.5	25.0	28.2	21.6	41.0	31.7	36.6	20.5	27.5	
Discharge destination following inpatient rehabilitation, n (%)	Home without services	20 (47.6)	15 (51.7)	40 (56.3)	12 (23.5)	**	19 (36.5)	10 (71.4)	26 (49.1)	**	8 (47.1)	**	
	Home with services	8 (19.0)	**	11 (15.5)	20 (39.2)	**	18 (34.6)	**	8 (15.1)	**	7 (41.2)	**	
	Other community services	9 (21.4)	**	8 (11.3)	**	**	**	**	**	**	**	**	
	Long-term care facility	**	**	6 (8.5)	**	**	8 (15.4)	**	**	**	**	**	
	Acute care facility	**	**	**	13 (25.5)	**	**	**	12 (22.6)	**	**	**	
Average length of stay ³ in days	Mean	38.3	34.9	28.9	34.2	44.0	32.8	29.7	25.3	29.6	26.5	24.1	
	Median	37.5	21	27	28	38	28.5	29	19	21.5	19.5	24	

EXHIBIT 5.3S continued

Outcomes for 2010/11		North East						North West					
		Algoma	James & Hudson Bay Coasts	Nipissing	Parry Sound	Manitoulin-Sudbury	Timiskaming	Cochrane	Kenora	Rainy River	Thunder Bay District	Thunder Bay City	
Patients Discharged Alive from Acute Care in 2010/11		153	**	91	44	204	34	77	62	27	25	162	
Admission to inpatient rehabilitation ¹ , n (%)		45 (29.4)	**	32 (35.2)	18 (40.9)	83 (40.7)	6 (17.6)	18 (23.4)	15 (24.2)	**	12 (48.0)	66 (40.7)	
Days from stroke onset to inpatient rehabilitation admission	Mean	18.0		23.0	22.0	11.2	18.7	11.4	15.3	8.5	21.8	18.6	
	Median	12		19	18	10	17.5	6	14	7.5	19.5	15	
Disability, n (%)	Mild	12 (26.7)	**	**	**	22 (26.5)	**	7 (38.9)	**	**	**	17 (25.8)	
	Moderate	20 (44.4)	**	18 (56.3)	12 (66.7)	37 (44.6)	**	**	**	**	**	32 (48.5)	
	Severe	13 (28.9)	**	9 (28.1)	**	24 (28.9)	**	6 (33.3)	7 (46.7)	**	**	17 (25.8)	
Functional Independence Measure score	Admission FIM score	Mean	77.1	123.0	84.6	77.9	83.2	77.0	83.1	73.7	64.5	75.3	78.0
		Median	81.0	123.0	88.0	75.0	92.0	73.0	86.5	66.0	62.5	83.0	84.0
	Discharge FIM score	Mean	101.9	123.0	101.9	94.4	103.4	102.8	103.4	101.5	107.7	107.7	108.7
		Median	109.0	123.0	112.5	102.0	113.0	113.0	114.5	114.0	118.0	115.5	114.0
	Change in FIM score	Mean	22.8	0.0	16.7	16.4	20.2	25.8	20.3	20.5	43.0	23.6	26.2
		Median	22.0	0.0	10.5	19.5	16.0	25.5	14.0	17.0	46.0	22.0	23.0
	FIM efficiency ²	Mean	1.0	0.0	0.6	0.6	0.6	1.4	1.6	0.6	1.4	0.6	0.8
		Median	0.7	0.0	0.5	0.8	0.6	1.1	0.6	0.5	1.4	0.7	0.8
Relative change, %	Mean	32.4	0.0	23.1	22.0	34.8	36.0	37.8	33.3	79.7	40.7	44.1	
	Median	26.7	0.0	12.8	24.9	16.4	37.8	23.6	32.0	93.4	28.0	24.7	
Discharge destination following inpatient rehabilitation, n (%)	Home without services	**	**	**	**	30 (36.1)	**	8 (44.4)	**	**	**	12 (19.7)	
	Home with services	22 (53.7)	**	19 (59.4)	8 (50.0)	33 (39.8)	**	**	**	**	**	38 (62.3)	
	Other community services	**	**	**	**	**	**	**	**	**	**	**	
	Long-term care facility	**	**	**	**	**	**	**	**	**	**	**	
Acute care facility	12 (29.3)	**	7 (21.9)	**	15 (18.1)	**	**	**	7 (46.7)	**	**		
Average length of stay ³ in days	Mean	33.1	6.0	43.2	28.8	38.7	24.7	25.1	34.4	42.5	38.4	49.5	
	Median	30	6	31.5	28	31	17.5	18.5	35	42.5	33	35.5	

Outcomes for 2011/12		Ontario	Erie St. Clair				South West					Waterloo Wellington						
			Essex	Chatham-Kent	Lambton	Bruce	Grey	Huron	Perth	Middlesex	Oxford-Norfolk	Elgin	Urban Waterloo & Rural Waterloo South	Urban Guelph	Rural Waterloo	Rural - South Grey & North Wellington	Rural Wellington	
Patients Discharged Alive from Acute Care in 2011/12		10,744	347	142	169	78	89	58	64	374	93	81	401	100	36	30	44	
Admission to inpatient rehabilitation ¹ , n (%)		3,396 (31.6)	116 (33.4)	52 (36.6)	70 (41.4)	21 (26.9)	29 (32.6)	22 (37.9)	18 (28.1)	135 (36.1)	27 (29.0)	29 (35.8)	119 (29.7)	42 (42.0)	6 (16.7)	6 (20.0)	15 (34.1)	
Days from stroke onset to inpatient rehabilitation admission	Mean	16.5	22.8	9.0	8.9	12.5	9.4	17.1	14.7	18.1	11.3	18.6	23.7	12.9	59.5	7.7	15.0	
	Median	10	14	7.5	6	12	7	12	8	10	9	8	12	9.5	27	8.5	12	
Disability, n (%)	Mild	623 (18.6)	26 (22.8)	10 (19.2)	14 (20.0)	**	**	**	**	38 (28.1)	**	6 (21.4)	27 (22.7)	13 (31.7)	**	**	-	
	Moderate	1,579 (47.2)	45 (39.5)	24 (46.2)	33 (47.1)	10 (47.6)	9 (32.1)	6 (28.6)	**	61 (45.2)	7 (25.9)	10 (35.7)	47 (39.5)	18 (43.9)	**	**	8 (53.3)	
	Severe	1,140 (34.1)	43 (37.7)	18 (34.6)	23 (32.9)	6 (28.6)	14 (50.0)	13 (61.9)	11 (61.1)	36 (26.7)	15 (55.6)	12 (42.9)	45 (37.8)	10 (24.4)	**	**	7 (46.7)	
Functional Independence Measure score	Admission FIM score	Mean	74.5	70.3	77.0	78.2	78.8	63.3	59.7	60.3	81.8	69.5	73.1	76.0	77.9	78.3	72.5	68.7
		Median	76.0	72.0	80.0	80.0	84.0	65.0	55.0	63.0	84.0	63.0	74.0	74.0	82.0	74.0	77.5	71.0
	Discharge FIM score	Mean	99.6	88.6	95.9	103.9	98.8	81.2	80.8	88.0	104.9	95.5	90.8	100.2	95.9	95.0	104.3	97.6
		Median	107.0	95.0	108.0	110.5	108.0	88.0	91.0	91.0	110.0	106.0	100.0	105.0	106.0	99.0	109.5	109.0
	Change in FIM score	Mean	22.7	17.9	16.4	23.8	20.0	19.0	18.9	27.3	21.5	25.4	17.2	23.2	18.9	16.8	31.8	28.9
		Median	21.0	18.0	19.0	21.0	18.0	17.0	15.0	22.5	20.0	21.0	17.0	22.0	21.5	17.0	32.0	32.0
	FIM efficiency ²	Mean	0.9	0.8	0.8	1.0	1.1	0.8	1.0	1.0	0.8	0.8	0.9	0.8	0.7	0.4	0.9	0.8
		Median	0.8	0.6	0.9	0.9	1.2	1.0	0.6	1.0	0.8	0.7	0.9	0.7	0.7	0.3	0.8	1.0
Relative change, %	Mean	35.7	37.6	21.7	36.1	32.3	40.0	31.1	52.0	31.9	53.9	27.9	34.0	29.5	24.5	60.7	44.5	
	Median	26.5	23.3	21.5	27.1	20.9	31.8	28.2	35.9	22.5	27.4	22.0	27.8	24.0	17.9	42.3	40.8	
Discharge destination following inpatient rehabilitation, n (%)	Home without services	955 (33.5)	11 (9.9)	7 (14.9)	36 (55.4)	**	**	**	**	94 (77.7)	12 (52.2)	8 (38.1)	12 (11.7)	10 (27.8)	**	**	6 (40.0)	
	Home with services	1,170 (41)	60 (54.1)	25 (53.2)	11 (16.9)	12 (60.0)	12 (50.0)	**	6 (40.0)	**	**	8 (38.1)	67 (65.0)	12 (33.3)	**	**	**	
	Other community services	216 (7.6)	10 (9.0)	**	**	**	**	**	**	6 (5.0)	**	**	12 (11.7)	**	**	**	**	
	Long-term care facility	229 (8.0)	22 (19.8)	7 (14.9)	7 (10.8)	**	9 (37.5)	**	**	6 (5.0)	**	**	**	6 (16.7)	**	**	**	
Acute care facility	229 (8.0)	**	**	**	6 (30.0)	**	**	**	**	9 (7.4)	**	**	7 (6.8)	**	**	**		
Average length of stay ³ in days	Mean	32.2	32.5	23.0	29.8	21.0	27.7	27.4	43.7	29.6	38.8	23.5	35.7	33.3	64.8	38.3	37.3	
	Median	28	31	20	22	19	24	24	35	23.5	30	17	31.5	27.5	41	39.5	36	

EXHIBIT 5.3S *continued*

Outcomes for 2011/12			Hamilton Niagara Haldimand Brant															
			Brant & Brantford	New Credit & Six Nations	Haldimand & Norfolk	Burlington	East Niagara	North Niagara	South Niagara	West Niagara	Stoney Creek	Glanbrook	Ancaster	Flamborough	Dundas	Hamilton Urban Core	Hamilton Outer Core	
Patients Discharged Alive from Acute Care in 2011/12			133	**	86	128	105	158	110	46	66	16	27	27	38	120	219	
Admission to inpatient rehabilitation ¹ , n (%)			48 (36.1)	**	28 (32.6)	29 (22.7)	34 (32.4)	47 (29.7)	24 (21.8)	10 (21.7)	21 (31.8)	**	10 (37.0)	10 (37.0)	11 (28.9)	37 (30.8)	86 (39.3)	
Days from stroke onset to inpatient rehabilitation admission		Mean	11.0	13.0	19.9	11.5	18.7	16.7	23.5	16.9	12.4	7.0	24.8	10.8	35.3	15.6	13.3	
		Median	9	13	18	9	13.5	10	11	16	10	6	17.5	10	25	12	9	
Disability, n (%)		Mild	7 (14.6)	-	**	**	**	13 (27.7)	6 (26.1)	-	**	-	**	**	**	7 (18.9)	11 (13.1)	
		Moderate	17 (35.4)	**	12 (42.9)	13 (48.1)	19 (57.6)	20 (42.6)	7 (30.4)	**	9 (42.9)	**	**	7 (70.0)	**	13 (35.1)	45 (53.6)	
		Severe	24 (50.0)	**	13 (46.4)	9 (33.3)	11 (33.3)	14 (29.8)	10 (43.5)	**	9 (42.9)	**	**	**	**	7 (63.6)	17 (45.9)	28 (33.3)
Functional Independence Measure score		Admission FIM score	Mean	67.5	75.0	68.7	75.9	75.7	76.6	70.1	68.0	67.1	102.0	65.7	74.2	53.1	68.1	72.3
			Median	66.0	75.0	70.5	72.0	79.0	75.0	65.0	65.0	75.0	101.0	68.0	79.5	41.0	70.0	73.5
		Discharge FIM score	Mean	102.4	98.0	96.3	106.3	110.0	108.0	104.6	101.8	91.2	121.0	91.9	107.4	88.3	99.6	98.7
			Median	108.0	98.0	96.0	106.0	114.5	115.0	117.0	112.0	104.5	121.0	90.0	105.0	100.0	111.0	106.0
		Change in FIM score	Mean	29.8	23.0	22.4	28.6	27.1	29.7	32.0	26.9	29.6	14.0	21.7	33.2	31.4	29.9	22.5
			Median	28.5	23.0	18.0	28.0	26.0	27.0	27.0	27.5	22.5	14.0	15.0	28.5	31.0	28.5	22.0
		FIM efficiency ²	Mean	0.9	0.6	0.7	1.7	1.1	1.0	1.0	0.8	0.5	0.6	1.0	1.3	0.7	0.9	0.8
			Median	0.8	0.6	0.6	1.2	0.8	1.0	1.0	0.7	0.7	0.6	1.2	0.9	0.6	0.8	0.7
Relative change, %	Mean	52.6	30.7	42.0	40.7	35.6	42.6	53.8	40.0	31.1	13.5	42.0	61.4	82.3	50.3	33.6		
	Median	39.6	30.7	31.0	37.2	32.0	36.0	42.4	44.4	25.1	13.5	20.0	37.2	50.7	37.8	26.4		
Discharge destination following inpatient rehabilitation, n (%)		Home without services	16 (36.4)	**	11 (44.0)	**	9 (32.1)	16 (36.4)	9 (45.0)	**	**	**	**	**	**	12 (40.0)	34 (45.9)	
		Home with services	16 (36.4)	**	6 (24.0)	18 (75.0)	15 (53.6)	21 (47.7)	6 (30.0)	**	7 (41.2)	**	**	**	**	10 (33.3)	20 (27.0)	
		Other community services	7 (15.9)	**	**	**	**	**	**	**	**	**	**	**	**	**	**	7 (9.5)
		Long-term care facility	**	**	**	**	**	**	**	**	**	**	**	**	**	**	6 (20.0)	8 (10.8)
Average length of stay ³ in days		Mean	39.6	36.0	32.9	23.8	32.1	41.4	35.5	35.4	42.9	23.0	29.9	36.8	48.2	42.1	37.4	
		Median	31.5	36	33.5	19	33	39	29	35	29	23	23.5	36	43.5	32.5	32	

Outcomes for 2011/12			Central West						Mississauga Halton						Toronto Central							
			Dufferin County	Malton (Mississauga)	Caledon	Brampton	Rexdale (Toronto)	Woodbridge (Vaughan)	Milton	Halton Hills	Oakville	Northwest Mississauga	Southeast Mississauga	South Etobicoke (Toronto)	West	North West	South West	North Toronto	South East	East	North East	
Patients Discharged Alive from Acute Care in 2011/12			45	41	38	299	104	25	37	45	118	163	253	97	135	178	114	252	94	71	83	
Admission to inpatient rehabilitation ¹ , n (%)			8 (17.8)	17 (41.5)	6 (15.8)	67 (22.4)	33 (31.7)	9 (36.0)	**	14 (31.1)	50 (42.4)	49 (30.1)	105 (41.5)	33 (34.0)	38 (28.1)	50 (28.1)	39 (34.2)	69 (27.4)	35 (37.2)	22 (31.0)	17 (20.5)	
Days from stroke onset to inpatient rehabilitation admission		Mean	9.3	26.6	33.0	23.1	26.9	13.8	10.2	30.9	11.6	22.9	12.8	28.1	13.6	17.4	12.6	14.0	11.8	15.1	9.2	
		Median	6.5	22	23.5	13	13	11	9	18.5	9	11.5	8	11	11.5	11	11	12	11	9.5	9	
Disability, n (%)		Mild	**	**	-	13 (19.4)	**	-	-	-	8 (16.0)	11 (22.9)	18 (17.6)	**	7 (18.9)	**	**	12 (18.2)	**	**	**	
		Moderate	**	13 (76.5)	**	38 (56.7)	18 (56.3)	8 (88.9)	**	6 (42.9)	25 (50.0)	12 (25.0)	48 (47.1)	19 (59.4)	20 (54.1)	31 (63.3)	24 (63.2)	44 (66.7)	25 (75.8)	8 (36.4)	12 (70.6)	
		Severe	**	**	**	16 (23.9)	10 (31.3)	**	**	8 (57.1)	17 (34.0)	25 (52.1)	36 (35.3)	10 (31.3)	10 (27.0)	15 (30.6)	13 (34.2)	10 (15.2)	6 (18.2)	10 (45.5)	**	
Functional Independence Measure score		Admission FIM score	Mean	76.0	82.2	68.7	78.2	77.8	63.2	62.5	68.1	69.5	71.3	71.9	78.4	74.5	72.5	84.8	80.9	78.2	77.1	
			Median	75.5	78.0	73.5	76.0	78.0	82.0	60.0	64.5	68.5	65.5	73.5	76.0	76.0	74.0	74.0	85.0	81.0	74.5	77.0
		Discharge FIM score	Mean	105.1	105.9	84.3	103.0	105.0	103.8	86.2	94.5	93.1	95.3	97.3	97.4	101.3	102.0	100.8	107.6	111.1	106.2	109.3
			Median	104.0	107.0	82.5	107.0	108.5	105.5	93.0	97.5	99.0	102.0	103.0	103.0	106.5	105.5	106.0	112.0	117.0	112.5	110.5
		Change in FIM score	Mean	29.1	20.9	18.0	22.1	24.4	20.0	23.0	26.1	22.7	23.5	21.9	21.7	22.7	23.8	27.0	20.8	31.2	27.3	28.2
			Median	24.5	20.0	19.0	24.5	22.0	22.5	27.0	24.0	23.0	20.0	21.0	17.0	18.5	22.0	28.0	19.0	31.0	23.5	28.5
		FIM efficiency ²	Mean	1.1	0.5	0.4	0.6	0.7	0.6	0.5	0.7	0.9	0.9	1.0	0.9	0.8	0.6	0.7	0.7	1.1	0.7	1.1
			Median	0.6	0.5	0.4	0.5	0.8	0.6	0.6	0.7	0.7	0.8	0.9	0.7	0.7	0.6	0.7	0.7	1.0	0.7	0.9
Relative change, %	Mean	44.4	26.7	28.3	30.8	34.9	23.7	38.6	39.5	34.5	39.0	33.8	45.1	33.2	37.2	42.7	27.9	45.7	44.7	37.2		
	Median	30.0	22.9	23.2	29.9	25.9	25.5	40.9	32.2	29.8	29.6	27.6	20.0	23.0	32.0	40.6	19.3	39.3	38.3	37.8		
Discharge destination following inpatient rehabilitation, n (%)		Home without services	**	**	**	9 (17.0)	10 (43.5)	**	**	**	12 (29.3)	**	13 (14.4)	8 (27.6)	16 (48.5)	28 (66.7)	19 (59.4)	35 (62.5)	21 (70.0)	11 (52.4)	12 (85.7)	
		Home with services	6 (75.0)	8 (57.1)	**	34 (64.2)	13 (56.5)	**	**	**	21 (51.2)	31 (72.1)	53 (58.9)	14 (48.3)	11 (33.3)	7 (16.7)	6 (18.8)	14 (25.0)	**	7 (33.3)	**	
		Other community services	**	**	**	**	**	**	**	**	**	7 (17.1)	**	6 (6.7)	**	**	**	**	**	**	**	**
		Long-term care facility	**	**	**	**	**	**	**	**	**	**	**	13 (14.4)	**	**	**	**	**	**	**	**
Average length of stay ³ in days		Mean	41.6	49.4	48.8	40.1	41.2	55.0	49.2	47.4	36.6	32.4	24.7	31.4	36.1	41.7	41.9	30.0	28.2	48.9	29.4	
		Median	52	49	51.5	37	32	39.5	55	54	31	30	21	26	27.5	38	35	28	28	42	28.5	

EXHIBIT 5.3S continued

Outcomes for 2011/12			Central							Central East			
			South Simcoe & Northern York Region	Central York Region	Richmond Hill	South West York Region	North York West	North York Central	North York East	Markham	North East Cluster	Durham Cluster	Scarborough Cluster
Patients Discharged Alive from Acute Care in 2011/12			84	127	100	168	231	268	82	171	283	424	481
Admission to inpatient rehabilitation ¹ , n (%)			12 (14.3)	12 (9.4)	23 (23.0)	45 (26.8)	66 (28.6)	55 (20.5)	21 (25.6)	62 (36.3)	118 (41.7)	189 (44.6)	121 (25.2)
Days from stroke onset to inpatient rehabilitation admission	Mean		10.7	24.5	20.0	25.2	17.5	14.2	11.7	11.3	12.2	10.5	13.3
	Median		6	12	12	14	13	10	11	8	7.5	7	10
Disability, n (%)	Mild		**	**	**	9 (20.5)	12 (18.8)	16 (29.1)	**	14 (23.7)	31 (26.7)	21 (11.5)	23 (19.3)
	Moderate		**	**	16 (72.7)	26 (59.1)	35 (54.7)	12 (57.1)	**	25 (42.4)	49 (42.2)	75 (41.2)	69 (58.0)
	Severe		**	**	**	9 (20.5)	17 (26.6)	9 (16.4)	6 (28.6)	20 (33.9)	36 (31.0)	86 (47.3)	27 (22.7)
Functional Independence Measure score	Admission FIM score	Mean	82.4	82.9	77.6	79.6	79.5	82.4	74.9	72.6	76.2	65.0	79.0
		Median	91.0	87.0	78.5	80.0	81.0	86.0	79.0	76.0	81.0	67.5	82.0
	Discharge FIM score	Mean	115.9	106.6	99.3	103.3	103.3	107.9	96.3	98.8	99.1	89.8	100.1
		Median	118.0	109.0	98.0	109.0	110.0	111.0	103.5	108.5	108.0	101.5	110.0
	Change in FIM score	Mean	25.6	23.7	22.0	22.1	21.1	22.1	21.6	22.8	21.5	22.8	20.2
		Median	20.0	23.0	18.0	20.0	18.0	24.0	19.5	22.0	19.0	20.0	20.5
	FIM efficiency ²	Mean	1.2	0.9	1.0	0.9	0.7	0.7	0.8	1.1	1.0	1.1	1.1
		Median	1.0	0.7	0.8	0.8	0.6	0.7	0.8	0.9	0.9	0.9	0.9
Relative change, %	Mean	29.0	30.7	32.7	29.8	30.4	30.9	33.4	35.8	32.9	39.0	27.3	
	Median	20.9	33.3	22.5	24.8	22.6	26.6	22.0	28.3	21.1	27.5	23.8	
Discharge destination following inpatient rehabilitation, n (%)	Home without services		**	**	7 (38.9)	9 (23.7)	23 (45.1)	20 (44.4)	8 (44.4)	28 (62.2)	16 (15.4)	35 (23.5)	38 (35.8)
	Home with services		**	**	11 (61.1)	25 (65.8)	22 (43.1)	16 (35.6)	8 (44.4)	8 (17.8)	55 (52.9)	72 (48.3)	35 (33.0)
	Other community services		**	**	**	**	**	**	**	**	8 (7.7)	8 (5.4)	**
	Long-term care facility		**	**	**	**	**	**	**	**	11 (10.6)	22 (14.8)	**
	Acute care facility		**	-	-	**	**	**	-	**	11 (10.6)	9 (6.0)	**
Average length of stay ³ in days	Mean		22.6	30.0	25.9	31.4	36.4	31.8	32.5	26.7	27.1	26.2	26.0
	Median		26	32.5	21	29.5	30	30	28	22	23	23	21

Outcomes for 2011/12			South East														
			Addington, North & Central Frontenac	Belleville	Brockville	Central Hastings	Gananoque, Leeds	Kingston & Islands	North Hastings	Prince Edward County	Quinte West, Brighton	Rideau Lakes	Southeast Leeds & Grenville	Smiths Falls, Perth, Lanark	South Frontenac	Stone Mills, Loyalist	Tyendinaga, Napanee
Patients Discharged Alive from Acute Care in 2011/12			7	65	59	24	17	104	17	25	44	7	25	33	14	21	15
Admission to inpatient rehabilitation ¹ , n (%)			**	26 (40.0)	16 (27.1)	12 (50.0)	**	29 (27.9)	6 (35.3)	10 (40.0)	18 (40.9)	**	11 (44.0)	**	**	7 (33.3)	**
Days from stroke onset to inpatient rehabilitation admission	Mean		15.0	7.3	14.8	7.1	24.3	19.4	9.0	12.8	9.8	15.0	21.6	38.5	25.0	29.1	42.0
	Median		15	6	12.5	5.5	16.5	15	7.5	7.5	6	15	17	25.5	26	29	42
Disability, n (%)	Mild		-	**	**	**	-	**	**	**	**	-	**	**	**	**	-
	Moderate		**	13 (50.0)	**	6 (50.0)	**	12 (42.9)	**	6 (60.0)	10 (55.6)	**	**	**	**	**	**
	Severe		**	9 (34.6)	12 (75.0)	**	**	12 (42.9)	**	**	7 (38.9)	**	**	**	**	**	**
Functional Independence Measure score	Admission FIM score	Mean	44.0	73.8	63.8	74.8	60.5	72.5	74.8	71.1	70.0	45.0	67.9	92.3	65.8	70.7	64.0
		Median	44.0	78.5	58.0	77.5	52.5	73.5	77.0	78.0	69.5	45.0	62.0	94.0	52.0	59.0	64.0
	Discharge FIM score	Mean	100.0	97.5	94.3	102.8	87.5	94.3	102.3	101.0	104.3	78.0	89.0	112.7	98.0	98.8	110.0
		Median	100.0	107.0	91.0	106.0	95.5	104.0	101.5	113.0	107.0	78.0	95.0	114.0	100.5	102.0	110.0
	Change in FIM score	Mean	56.0	23.8	21.5	28.0	27.0	17.0	27.5	28.0	33.9	33.0	20.5	14.0	28.8	28.5	46.0
		Median	56.0	24.5	19.5	25.5	27.5	16.5	26.0	28.0	34.5	33.0	15.0	14.0	27.0	36.5	46.0
	FIM efficiency ²	Mean	0.6	1.1	0.7	1.0	0.5	0.5	1.2	1.3	1.1	0.3	0.6	0.8	0.8	0.6	0.5
		Median	0.6	0.9	0.6	1.0	0.5	0.4	1.1	1.2	1.0	0.3	0.4	0.7	0.6	0.7	0.5
Relative change, %	Mean	127.3	34.2	34.1	42.7	46.4	24.1	38.6	47.1	52.4	73.3	33.5	14.3	50.2	59.9	71.9	
	Median	127.3	28.1	30.1	28.7	49.3	22.5	30.4	44.0	52.5	73.3	23.7	13.0	41.4	73.0	71.9	
Discharge destination following inpatient rehabilitation, n (%)	Home without services		**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
	Home with services		**	12 (52.2)	10 (83.3)	9 (81.8)	**	12 (63.2)	**	**	9 (60.0)	**	**	**	**	**	**
	Other community services		**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
	Long-term care facility		**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
	Acute care facility		**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
Average length of stay ³ in days	Mean		92.0	25.7	33.3	31.4	51.0	42.1	26.3	28.3	34.4	109.0	36.8	19.7	46.6	40.0	85.0
	Median		92	19	28	28	53	35	23.5	25.5	30.5	109	36	15	42	39.5	85

EXHIBIT 5.3S continued

Outcomes for 2011/12		Champlain					North Simcoe Muskoka						
		Ottawa Centre	Ottawa East	Ottawa West	Renfrew County	North Lanark / North Grenville	Eastern Counties	Collingwood & Area	Barrie & Area	Orillia & Area	Midland & Penetanguishene Area	Muskoka	
Patients Discharged Alive from Acute Care in 2011/12		138	151	290	110	42	197	60	182	70	58	53	
Admission to inpatient rehabilitation ¹ , n (%)		32 (23.2)	46 (30.5)	96 (33.1)	43 (39.1)	**	70 (35.5)	14 (23.3)	85 (46.7)	22 (31.4)	17 (29.3)	14 (26.4)	
Days from stroke onset to inpatient rehabilitation admission	Mean	17.0	17.4	28.0	48.5	36.0	22.5	26.3	9.7	10.6	10.9	27.5	
	Median	15	12.5	14	10	36	16	11	6	8	9	28.5	
Disability, n (%)	Mild	7 (21.9)	9 (20.0)	19 (19.8)	7 (16.3)	-	14 (20.3)	**	13 (15.9)	**	9 (52.9)	**	
	Moderate	18 (56.3)	28 (62.2)	54 (56.3)	13 (30.2)	**	33 (47.8)	**	24 (29.3)	15 (68.2)	**	6 (42.9)	
	Severe	7 (21.9)	8 (17.8)	23 (24.0)	23 (53.5)	**	22 (31.9)	6 (42.9)	45 (54.9)	**	**	**	
Functional Independence Measure score	Admission FIM score	Mean	81.3	81.7	79.4	65.9	54.5	78.8	71.1	62.7	79.0	86.1	83.6
		Median	85.5	86.0	79.0	61.0	54.5	82.0	69.5	60.5	80.5	95.0	84.0
	Discharge FIM score	Mean	106.2	105.3	100.2	90.4	107.0	102.1	95.6	100.4	111.1	102.6	103.2
		Median	109.0	109.5	108.0	98.5	107.0	113.0	92.0	106.5	113.5	114.0	116.5
	Change in FIM score	Mean	24.0	22.4	20.1	21.9	58.0	22.3	18.7	25.1	29.3	17.9	23.0
		Median	21.0	21.0	22.0	19.0	58.0	20.0	18.0	21.5	25.5	21.0	25.5
	FIM efficiency ²	Mean	0.8	0.9	0.8	0.8	1.0	0.7	0.6	1.9	1.7	0.8	0.7
		Median	0.7	0.8	0.7	0.8	1.0	0.7	0.6	1.4	1.1	0.7	0.8
Relative change, %	Mean	35.8	31.2	28.0	37.4	118.4	36.4	30.1	43.3	39.6	22.1	28.7	
	Median	23.3	29.3	26.3	27.8	118.4	23.5	20.2	25.3	32.4	22.1	30.9	
Discharge destination following inpatient rehabilitation, n (%)	Home without services	15 (51.7)	18 (43.9)	38 (45.8)	9 (25.0)	**	22 (38.6)	**	17 (24.3)	9 (45.0)	**	**	
	Home with services	**	6 (14.6)	26 (31.3)	10 (27.8)	**	21 (36.8)	**	26 (37.1)	6 (30.0)	10 (66.7)	**	
	Other community services	7 (24.1)	8 (19.5)	8 (9.6)	**	**	**	**	**	**	**	**	
	Long-term care facility	**	**	**	**	**	**	**	**	**	**	**	
	Acute care facility	**	**	7 (8.4)	12 (33.3)	**	8 (14.0)	**	22 (31.4)	**	**	**	
Average length of stay ³ in days	Mean	28.7	28.7	30.7	34.6	61.0	32.6	43.5	20.2	32.5	26.2	36.0	
	Median	30	23.5	30	33	61	31	40	14	24	21	32	

Outcomes for 2011/12		North East					North West						
		Algoma	James & Hudson Bay Coasts	Nipissing	Parry Sound	Manitoulin-Sudbury	Timiskaming	Cochrane	Kenora	Rainy River	Thunder Bay District	Thunder Bay City	
Patients Discharged Alive from Acute Care in 2011/12		166	**	89	58	204	33	80	58	27	19	180	
Admission to inpatient rehabilitation ¹ , n (%)		54 (32.5)	**	22 (24.7)	20 (34.5)	78 (38.2)	**	17 (21.3)	19 (32.8)	6 (22.2)	8 (42.1)	78 (43.3)	
Days from stroke onset to inpatient rehabilitation admission	Mean	10.6	7.0	15.4	12.9	11.5	23.0	11.4	15.1	13.5	29.5	13.4	
	Median	9	7	11	10.5	8	22	7	11	10.5	12.5	9.5	
Disability, n (%)	Mild	12 (22.2)	-	**	6 (30.0)	21 (26.9)	-	6 (35.3)	**	-	**	9 (11.7)	
	Moderate	23 (42.6)	**	14 (63.6)	8 (40.0)	38 (48.7)	**	8 (47.1)	**	**	**	42 (54.5)	
	Severe	19 (35.2)	**	**	6 (30.0)	19 (24.4)	**	**	12 (63.2)	**	**	26 (33.8)	
Functional Independence Measure score	Admission FIM score	Mean	74.9	101.0	80.1	78.8	83.0	66.6	84.5	68.9	61.8	56.6	74.5
		Median	83.0	101.0	81.0	80.5	91.5	68.0	89.0	56.0	58.0	28.5	78.0
	Discharge FIM score	Mean	95.1	-	107.3	98.6	106.1	108.8	106.3	105.6	94.0	93.8	101.2
		Median	104.0	0.0	114.0	105.0	114.0	113.0	108.0	110.0	99.0	109.0	110.0
	Change in FIM score	Mean	16.8	-	23.7	21.1	16.3	42.2	17.6	30.2	32.8	23.5	21.2
		Median	15.0	0.0	22.0	14.5	11.0	42.0	16.0	25.0	34.0	9.5	21.5
	FIM efficiency ²	Mean	0.7	-	0.9	1.1	0.5	1.1	1.0	1.0	0.8	0.5	0.7
		Median	0.6	0.0	0.7	1.0	0.4	1.2	0.9	1.0	0.8	0.3	0.6
Relative change, %	Mean	29.4	-	40.4	38.5	22.3	69.3	26.5	53.5	69.2	74.5	36.1	
	Median	16.7	0.0	24.0	14.7	10.4	71.6	18.1	26.3	50.8	13.0	23.6	
Discharge destination following inpatient rehabilitation, n (%)	Home without services	7 (21.9)	**	**	6 (40.0)	24 (41.4)	**	7 (46.7)	7 (43.8)	**	**	14 (21.2)	
	Home with services	14 (43.8)	-	11 (57.9)	7 (46.7)	22 (37.9)	**	**	**	**	**	32 (48.5)	
	Other community services	**	-	**	**	**	**	**	**	**	**	7 (10.6)	
	Long-term care facility	**	-	**	**	**	**	**	**	**	**	8 (12.1)	
	Acute care facility	6 (18.8)	-	**	**	8 (13.8)	**	**	**	**	**	**	
Average length of stay ³ in days	Mean	29.5	-	32.8	24.2	33.7	42.4	25.3	30.4	38.6	57.7	37.0	
	Median	24	0	19	15	28	41	16.5	30	39	39	30	

EXHIBIT 5.3S *continued*

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD) and National Rehabilitation Reporting System (NRS), 2003/04–2011/12.

Inclusion criteria: All patients aged ≥18 years with a diagnosis of stroke excluding transient ischemic attack (using ICD-10 codes) discharged from an acute care hospital who were admitted to inpatient rehabilitation and classified as Rehabilitation Client Group 1 (Stroke) in the NRS database; patients had rehabilitation assessments completed in the same fiscal year as the acute care facility discharge.

- 1 Based on unique patients (i.e., does not include multiple patient-visits) who were discharged alive from acute care stroke hospitalization and admitted to inpatient rehabilitation.
- 2 FIM efficiency is the change in total FIM score divided by total length of stay; it provides information on the average amount of functional recovery per day of inpatient rehabilitation.
- 3 Length of stay (LOS) refers to the total time spent in inpatient rehabilitation and is calculated using the admission and discharge dates in the NRS database (LOS = discharge date – admission date).

** Cell value suppressed for reasons of privacy and confidentiality.

Notes:

- (1) Population-based analysis (i.e., the location of the patient's residence is used to report regional performance).
- (2) Cells in which there were no reported/available data are marked with a hyphen (-).
- (3) LHIN/sub-LHIN populations were determined using POPLHIN 2003–2010, POPLHIN PROJECTED 2011 and POPSUBLHIN VERSION 9 2006–2008 files from the Ontario Ministry of Health and Long-Term Care: IntelliHealth Ontario.

EXHIBIT 5.4S Number of adult stroke patients by Rehabilitation Patient Group and their length of stay¹, in Ontario and by type of inpatient rehabilitation facility, 2003/04 and 2009/10–2011/12

Rehabilitation Patient Group	2003/04			2003/04			2003/04			2009/10			2009/10			2009/10		
	Ontario ² (N=3,021)			Freestanding facility ³ (n=1,311)			Non-freestanding facility (n=1,710)			Ontario ² (N=3,860)			Freestanding facility ³ (n=1,719)			Non-freestanding facility (n=2,141)		
	No. of patients	No. of days, mean (median)	IQR	No. of patients	No. of days, mean (median)	IQR	No. of patients	No. of days, mean (median)	IQR	No. of patients	No. of days, mean (median)	IQR	No. of patients	No. of days, mean (median)	IQR	No. of patients	No. of days, mean (median)	IQR
RPG 1160	233	19.1 (15)	9-24	65	27.0 (21)	16-34	168	16.0 (13)	8-21	255	17.4 (15)	9-22	126	20.5 (16)	11-28	129	14.4 (13)	7-18
Female	94	15.9 (14)	8-22	20	22.4 (18)	11-32.5	74	14.1 (12.5)	8-19	94	17.4 (15)	10-20	46	19.5 (16.5)	12-23	48	15.3 (14)	7-16.5
Male	139	21.2 (17)	9-28	45	29.1 (22)	17-38	94	17.4 (13.5)	8-22	161	17.4 (14)	9-23	80	21.1 (16)	11-29.5	81	13.8 (12)	7-19
RPG 1150	429	25.0 (21)	13-33	168	30.5 (28)	16-41	261	21.4 (17)	12-28	506	23.3 (21)	13-30	198	27.8 (26.5)	20-34	308	20.4 (16)	11-24.5
Female	228	22.7 (18)	12-31	81	28.5 (25)	14-35	147	19.5 (15)	11-25	229	23.1 (20)	13-30	89	28.9 (27)	21-38	140	19.4 (15.5)	11-23
Male	201	27.5 (23)	14-36	87	32.4 (29)	18-42	114	23.8 (21)	13-30	277	23.5 (21)	13-31	109	26.9 (26)	17-33	168	21.2 (17)	10.5-27
Total mild disability ⁴	662	22.9 (18)	11-30	233	29.5 (25)	16-40	429	19.3 (15)	9-24	761	21.3 (18)	12-28	324	25.0 (22)	15-33	437	18.6 (15)	9-23
Female	322	20.7 (16)	10-28	101	27.3 (23)	13-35	221	17.7 (14)	9-22	323	21.4 (18)	13-28	135	25.7 (23)	16-32	188	18.4 (15)	10-22
Male	340	25.0 (21)	12-33	132	31.3 (28)	17-42	208	20.9 (16)	9.5-27	438	21.2 (18)	11-28	189	24.4 (22)	14-33	249	18.8 (16)	9-23
RPG 1140	219	30.5 (28)	17-38	103	36.2 (31)	23-42	116	25.4 (24)	14-35	400	27.1 (25)	16-35	220	30.8 (29)	21-39.5	180	22.6 (20)	14-28
Female	97	32.5 (29)	22-42	53	39.4 (36)	25-43	44	24.3 (25)	12.5-33	163	27.9 (26)	18-36	90	31.9 (32.5)	21-41	73	23.0 (21)	15-28
Male	122	28.9 (26.5)	16-36	50	32.8 (29.5)	21-35	72	26.1 (22.5)	14-36	237	26.6 (23)	15-35	130	30.0 (28.5)	20-39	107	22.3 (18)	14-28
RPG 1130	378	35.7 (33)	20-46	188	41.5 (37)	27.5-50	190	29.9 (24)	15-40	595	31.8 (29)	20-42	312	34.3 (32)	23-42.5	283	29 (25)	16-37
Female	163	34.3 (33)	21-43	87	40.2 (37)	28-50	76	27.4 (25)	14.5-37	280	32.0 (28)	20-41.5	149	35.1 (32)	24-44	131	28.4 (24)	15-36
Male	215	36.8 (33)	20-48	101	42.6 (36)	27-50	114	31.6 (23.5)	15-44	315	31.6 (29)	20-42	163	33.5 (31)	23-42	152	29.5 (27)	17-39
RPG 1120	625	43.8 (39)	25-55	303	50.3 (45)	33-63	322	37.6 (32.5)	21-49	820	38.7 (34)	23-48	397	43.1 (39)	30-51	423	34.5 (29)	20-43
Female	329	42.8 (38)	23-51	171	51.0 (45)	34-62	158	34.0 (30)	19-44	390	38.0 (34)	23-48	195	42.4 (37)	30-52	195	33.6 (29)	20-44
Male	296	44.8 (40)	27-58	132	49.4 (44)	33-65	164	41.1 (36)	22.5-54.5	430	39.3 (34)	24-47	202	43.9 (40.5)	30-50	228	35.2 (30)	20-42
Total moderate disability ⁵	1,222	38.9 (35)	22-49	594	45.1 (40)	28-56	628	33.1 (29)	17-43	1,815	33.9 (30)	21-42	929	37.2 (34)	25-44	886	30.3 (26)	17-39
Female	589	38.8 (35)	22-49	311	46.0 (41)	29-55	278	30.7 (27.5)	17-39	833	34.0 (30)	21-42	434	37.7 (35)	26-46	399	30.0 (26)	17-38
Male	633	39.0 (35)	22-50	283	44.0 (39)	28-56	350	35.0 (30)	17-47	982	33.7 (30)	20-42	495	36.8 (34)	24-44	487	30.6 (27)	16-39
RPG 1110	800	49.9 (46)	28-68	337	56.1 (51)	38-71	463	45.4 (41)	22-63	854	48.4 (43)	28-61	300	51.6 (49.5)	32.5-62	554	46.7 (39.5)	25-60
Female	409	48.9 (47)	27-66	161	55.7 (53)	40-71	248	44.4 (38.5)	21-63	447	45.4 (41)	26-58	149	51.3 (49)	31-62	298	42.4 (37)	23-57
Male	391	51.0 (45)	29-70	176	56.4 (50)	36-72	215	46.5 (42)	23-63	407	51.7 (45)	29-64	151	51.9 (52)	33-65	256	51.6 (42)	27.5-63.5
RPG 1100	337	67.6 (62)	41-87	147	78.0 (69)	50-100	190	59.6 (58)	31-79	430	59.8 (54.5)	36-77	166	63 (59.5)	42-78	264	57.7 (51)	32.5-73.5
Female	132	61.5 (59)	35-79	55	72.6 (62)	49-95	77	53.6 (52)	28-75	174	54.8 (49)	35-74	66	56.0 (51)	42-74	108	54.0 (48.5)	30-72
Male	205	71.6 (64)	43-93	92	81.3 (72.5)	54.5-102	113	63.7 (59)	36-86	256	63.2 (57)	36.5-79	100	67.6 (64.5)	45-83	156	60.3 (51)	35-73.5
Total severe disability ⁶	1,137	55.2 (50)	31-73	484	62.7 (57)	41-78.5	653	49.5 (45)	24-68	1,284	52.2 (46)	30-66	466	55.7 (53)	35-70	818	50.2 (42)	28-63
Female	541	52.0 (49)	28-70	216	60.0 (56.5)	41-74	325	46.6 (42)	23-67	621	48.0 (44)	29-62	215	52.7 (49)	35-63	406	45.5 (39.5)	25-60
Male	596	58.1 (52)	33-77	268	64.9 (57.5)	40-82.5	328	52.5 (46.5)	26.5-71	663	56.1 (50)	32-71	251	58.1 (55)	37-73	412	54.9 (45)	29-70

EXHIBIT 5.4S continued

Rehabilitation Patient Group	2010/11			2010/11			2010/11			2011/12			2011/12			2011/12		
	Ontario ² (N=3,913)			Freestanding facility ³ (n=1,807)			Non-freestanding facility (n=2,106)			Ontario ² (N=3,554)			Freestanding facility ³ (n=1,556)			Non-freestanding facility (n=1,998)		
	No. of patients	No. of days, mean (median)	IQR	No. of patients	No. of days, mean (median)	IQR	No. of patients	No. of days, mean (median)	IQR	No. of patients	No. of days, mean (median)	IQR	No. of patients	No. of days, mean (median)	IQR	No. of patients	No. of days, mean (median)	IQR
RPG 1160	257	15.2 (14)	8-20	117	19.5 (18)	12-25	140	11.7 (10)	7-15	208	15.3 (14)	8.5-19.5	90	16.5 (15)	10-21	118	14.4 (12)	8-18
Female	107	14.9 (13)	8-20	47	20.2 (18)	12-28	60	10.8 (9)	7-14	79	15.0 (14)	9-19	35	17.3 (17)	11-21	44	13.2 (13)	8-16.5
Male	150	15.4 (14)	8-20	70	19.1 (17)	12-23	80	12.3 (11.5)	6.5-17	129	15.6 (13)	8-20	55	16.1 (14)	10-20	74	15.2 (12)	8-19
RPG 1150	480	21.8 (20)	13-28	228	24.1 (23)	16-29	252	19.6 (16)	11-27	467	21.4 (20)	13-28	201	23.3 (21)	15-28	266	19.9 (17.5)	11-27
Female	227	21.4 (19)	12-28	107	23.8 (23)	15-29	120	19.3 (15.5)	11-25	218	21.6 (20)	14-28	94	23.6 (21.5)	15-28	124	20.0 (17)	12.5-25.5
Male	253	22.1 (21)	14-28	121	24.4 (22)	16-29	132	20.0 (16)	11-28	249	21.2 (20)	12-28	107	23.1 (21)	15-30	142	19.7 (18)	10-28
Total mild disability ⁴	737	19.5 (17)	11-26	345	22.5 (21)	15-28	392	16.8 (14)	8-21.5	675	19.5 (17)	11-26	291	21.2 (20)	14-28	384	18.2 (15)	9-24
Female	334	19.3 (16)	11-26	154	22.7 (21)	14-28	180	16.4 (13)	8-21	297	19.8 (18)	13-25	129	21.9 (21)	14-28	168	18.2 (15)	11-22
Male	403	19.6 (17)	12-26	191	22.4 (21)	15-28	212	17.1 (14)	8.5-22.5	378	19.3 (16.5)	10-27	162	20.7 (19.5)	13-27	216	18.2 (14)	9-26.5
RPG 1140	400	24.9 (22)	15-32	199	28.1 (27)	20-35	201	21.8 (20)	13-27	388	23.5 (22)	14-31	195	26.1 (25)	17-33	193	20.9 (19)	12-28
Female	186	24.9 (22)	16-32	86	29 (27.5)	19-36	100	21.5 (20)	13.5-27.5	169	24.9 (23)	16-32	76	27.1 (27)	20-33.5	93	23.0 (20)	15-31
Male	214	24.9 (22)	15-33	113	27.4 (27)	21-35	101	22.0 (19)	12-27	219	22.4 (21)	13-30	119	25.4 (24)	15-33	100	18.9 (16)	10-26.5
RPG 1130	640	29.8 (28)	18-37	334	34.9 (32)	26-41	306	24.2 (21)	14-30	587	29.3 (28)	19-36	309	32.3 (30)	24-37	278	26.0 (23)	14-35
Female	283	31 (29)	18-38	158	36.1 (33)	28-42	125	24.6 (20)	14-30	273	29.2 (28)	21-36	152	32.0 (30)	25-36	121	25.7 (24)	14-34
Male	357	28.7 (27)	18-36	176	33.7 (30)	23-41	181	23.9 (21)	13-29	314	29.4 (28)	17-37	157	32.5 (30)	23-38	157	26.2 (21)	14-35
RPG 1120	881	36.1 (34)	23-43	430	41.8 (38)	29-48	451	30.8 (27)	19-38	780	34.3 (31.5)	22-43	353	38.4 (36)	28-45	427	31.0 (27)	18-40
Female	444	35.1 (33)	23-42	220	41.9 (38.5)	30-47	224	28.5 (27)	19-35	408	33.6 (30)	22-42	185	37.6 (35)	28-43	223	30.3 (27)	19-40
Male	437	37.2 (34)	22-44	210	41.7 (37)	29-48	227	33.0 (28)	18-40	372	35.1 (33.5)	21.5-44	168	39.2 (38)	29-47	204	31.8 (27.5)	18-42
Total moderate disability ⁵	1,921	31.7 (29)	19-40	963	36.5 (34)	25-43	958	26.8 (23)	15-34	1,755	30.3 (28)	19-38	857	33.4 (31)	23-41	898	27.3 (23)	15-35
Female	913	31.8 (29)	20-40	464	37.5 (35)	27-43	449	25.8 (23)	14-33	850	30.5 (28)	20-37	413	33.6 (31)	25-40	437	27.5 (24)	16-35
Male	1,008	31.6 (28)	19-40	499	35.6 (34)	23-42	509	27.6 (23)	15-35	905	30.1 (28)	17-39	444	33.1 (31)	22-41	461	27.1 (22)	14-36
RPG 1110	832	45.0 (40)	27-56	322	48.6 (43)	31-56	510	42.7 (37)	24-56	760	43.6 (41)	25-56	253	52.4 (48)	35-64	507	39.2 (35)	21-50
Female	421	45.5 (40)	27-56	167	51.6 (44)	32-61	254	41.5 (36)	24-55	415	42.6 (40)	26-55	133	50.5 (45)	35-60	282	38.9 (35.5)	21-50
Male	411	44.4 (40)	27-56	155	45.3 (42)	30-54	256	43.9 (39)	24.5-57	345	44.8 (42)	24-57	120	54.5 (49)	34.5-66.5	225	39.7 (35)	21-51
RPG 1100	423	54.9 (49)	35-68	177	62.6 (57)	43-73	246	49.4 (43)	29-65	364	52.5 (50)	34.5-66.5	155	60.9 (56)	43-70	209	46.2 (42)	27-59
Female	185	52.5 (47)	35-66	75	58.4 (56)	43-72	110	48.5 (42)	28-64	131	51.4 (49)	36-59	53	54.5 (53)	42-60	78	49.3 (42.5)	33-59
Male	238	56.8 (50.5)	36-70	102	65.7 (57)	43-74	136	50.1 (44)	29-65	233	53.1 (51)	33-69	102	64.2 (57)	47-82	131	44.4 (42)	21-64
Total severe disability ⁶	1,255	48.3 (43)	28-61	499	53.6 (48)	35-65	756	44.9 (39.5)	26-58	1,124	46.5 (43)	28-58	408	55.6 (51)	38-67	716	41.3 (38)	22-55
Female	606	47.7 (42)	28-60	242	53.7 (47)	35-65	364	43.6 (38)	26-56	546	44.7 (42)	28-57	186	51.6 (48)	36-60	360	41.2 (38)	23.5-54.5
Male	649	49.0 (43)	29-62	257	53.4 (48)	36-65	392	46.1 (40.5)	26-59	578	48.2 (45)	27-64	222	59.0 (55)	40-70	356	41.4 (37.5)	21-55

Data source: Canadian Institute for Health Information, National Rehabilitation Reporting System (NRS), 2003/04-2011/12.

Inclusion criteria: All patients aged ≥18 years admitted to inpatient rehabilitation and classified as Rehabilitation Client Group 1 (Stroke) in the NRS database.

Exclusion criteria: Patients discharged from one facility and admitted to another within 24 hours (N = 123 in 2003/04, 110 in 2009/10, 73 in 2010/11 and 86 in 2011/12).

1 Length of stay (LOS) refers to the total time spent in inpatient rehabilitation and is calculated using the admission and discharge dates in the NRS database (LOS = discharge date - admission date).

2 Based on unique patients (i.e., does not include multiple patient-visits).

3 Freestanding rehabilitation centre: a geographic site that is physically separated from an affiliated acute care hospital and does not have on-site access to acute care medical services.

4 Mild disability includes Rehabilitation Patient Groups (RPGs) 1160 and 1150.

5 Moderate disability includes RPGs 1140, 1130 and 1120.

6 Severe disability includes RPGs 1110 and 1100.

Note:

Facility-based analysis (i.e., the location of the facility is used to report regional performance).

IQR = interquartile range (25th-75th percentile).

EXHIBIT 5.7S Adult admissions to inpatient rehabilitation by stroke severity, in Ontario and by sex, Ontario Stroke System region and Local Health Integration Network, 2003/04 and 2009/10–2011/12

Group/Subgroup	Admissions by Stroke Severity, n (%)											
	2003/04 (N=3,021)			2009/10 (N=3,860)			2010/11 (N=3,548)			2011/12 (N=3,554)		
	Mild ¹	Moderate ²	Severe ³	Mild ¹	Moderate ²	Severe ³	Mild ¹	Moderate ²	Severe ³	Mild ¹	Moderate ²	Severe ³
Ontario⁴	660 (21.9)	1,220 (40.5)	1,132 (37.6)	761 (19.7)	1,815 (47.0)	1,284 (33.3)	694 (19.6)	1,748 (49.3)	1,106 (31.2)	675 (19.0)	1,755 (49.4)	1,124 (31.6)
Female	320 (22.1)	589 (40.7)	538 (37.2)	323 (18.2)	833 (46.9)	621 (34.9)	311 (18.5)	833 (49.6)	536 (31.9)	297 (17.5)	850 (50.2)	546 (32.3)
Male	340 (21.7)	631 (40.3)	594 (38.0)	438 (21.0)	982 (47.1)	663 (31.8)	383 (20.5)	915 (49.0)	570 (30.5)	378 (20.3)	905 (48.6)	578 (31.1)
Ontario Stroke System Region												
Central East	84 (22.6)	131 (35.3)	156 (42.0)	108 (18.9)	218 (38.2)	244 (42.8)	103 (19.2)	227 (42.4)	206 (38.4)	104 (20.4)	216 (42.3)	191 (37.4)
Central South	116 (21.3)	230 (42.3)	198 (36.4)	99 (15.9)	304 (48.8)	220 (35.3)	106 (15.9)	336 (50.4)	225 (33.7)	107 (18.4)	255 (43.9)	219 (37.7)
Champlain	63 (20.5)	126 (40.9)	119 (38.6)	81 (23.8)	165 (48.4)	95 (27.9)	67 (20.1)	173 (52.0)	93 (27.9)	54 (17.0)	178 (56.0)	86 (27.0)
Northeast	19 (18.4)	47 (45.6)	37 (35.9)	43 (20.8)	80 (38.6)	84 (40.6)	48 (20.3)	119 (50.4)	69 (29.2)	50 (26.9)	93 (50.0)	43 (23.1)
Northwest	8 (22.2)	12 (33.3)	16 (44.4)	21 (17.4)	58 (47.9)	42 (34.7)	26 (21.3)	56 (45.9)	40 (32.8)	16 (14.4)	49 (44.1)	46 (41.4)
South East	15 (11.2)	66 (49.3)	53 (39.6)	20 (13.4)	82 (55.0)	47 (31.5)	35 (21.7)	69 (42.9)	57 (35.4)	27 (18.6)	64 (44.1)	54 (37.2)
Southwest	126 (21.2)	212 (35.8)	255 (43.0)	120 (17.9)	295 (44.0)	256 (38.2)	142 (20.5)	268 (38.6)	284 (40.9)	134 (22.2)	252 (41.8)	217 (36.0)
Toronto – North & East	44 (25.4)	72 (41.6)	57 (32.9)	50 (35.7)	73 (52.1)	71 (12.1)	67 (35.3)	101 (53.2)	22 (11.6)	57 (29.4)	109 (56.2)	28 (14.4)
Toronto – Southeast	67 (29.0)	99 (42.9)	65 (28.1)	100 (27.7)	190 (52.6)	71 (19.7)	70 (20.0)	204 (58.3)	76 (21.7)	35 (13.5)	167 (64.2)	58 (22.3)
Toronto – West	41 (21.6)	113 (59.5)	36 (18.9)	26 (17.0)	95 (62.1)	32 (20.9)	16 (9.1)	108 (61.7)	51 (29.1)	18 (9.9)	117 (64.3)	47 (25.8)
West GTA	77 (23.4)	112 (34.0)	140 (42.6)	93 (17.7)	255 (48.7)	176 (33.6)	57 (12.7)	260 (57.9)	132 (29.4)	73 (15.8)	255 (55.1)	135 (29.2)
Local Health Integration Network												
1. Erie St. Clair	63 (23.4)	85 (31.6)	121 (45.0)	50 (16.2)	149 (48.4)	109 (35.4)	68 (22.1)	112 (36.4)	128 (41.6)	57 (21.0)	123 (45.2)	92 (33.8)
2. South West	63 (19.4)	127 (39.2)	134 (41.4)	70 (19.3)	146 (40.2)	147 (40.5)	74 (19.2)	156 (40.4)	156 (40.4)	77 (23.3)	129 (39.0)	125 (37.8)
3. Waterloo Wellington	35 (27.1)	54 (41.9)	40 (31.0)	44 (25.6)	84 (48.8)	44 (25.6)	45 (25.1)	83 (46.4)	51 (28.5)	43 (25.1)	65 (38.0)	63 (36.8)
4. Hamilton Niagara Haldimand Brant	62 (17.2)	157 (43.6)	141 (39.2)	55 (12.2)	220 (48.8)	176 (39.0)	61 (12.5)	253 (51.8)	174 (35.7)	64 (15.6)	190 (46.3)	156 (38.0)
5. Central West	**	**	**	25 (24.8)	56 (55.4)	20 (19.8)	18 (16.1)	72 (64.3)	22 (19.6)	16 (16.2)	69 (69.7)	14 (14.1)
6. Mississauga Halton	71 (24.9)	94 (33.0)	120 (42.1)	56 (18.1)	127 (41.0)	127 (41.0)	27 (12.2)	112 (50.5)	83 (37.4)	48 (17.7)	116 (42.8)	107 (39.5)
7. Toronto Central	104 (22.9)	223 (49.0)	128 (28.1)	124 (20.6)	350 (58.0)	129 (21.4)	90 (14.8)	380 (62.6)	137 (22.6)	54 (10.5)	347 (67.5)	113 (22.0)
8. Central	58 (26.9)	97 (44.9)	61 (28.2)	80 (29.9)	100 (37.3)	88 (32.8)	83 (30.6)	127 (46.9)	61 (22.5)	69 (28.4)	134 (55.1)	40 (16.5)
9. Central East	73 (27.5)	90 (34.0)	102 (38.5)	56 (17.5)	144 (45.0)	120 (37.5)	59 (16.9)	161 (46.0)	130 (37.1)	66 (19.5)	141 (41.6)	132 (38.9)
10. South East	15 (11.2)	66 (49.3)	53 (39.6)	20 (13.4)	82 (55.0)	47 (31.5)	35 (21.7)	69 (42.9)	57 (35.4)	27 (18.6)	64 (44.1)	54 (37.2)
11. Champlain	63 (20.5)	126 (40.9)	119 (38.6)	81 (23.8)	165 (48.4)	95 (27.9)	67 (20.1)	173 (52.0)	93 (27.9)	54 (17.0)	178 (56.0)	86 (27.0)
12. North Simcoe Muskoka	21 (18.4)	38 (33.3)	55 (48.2)	36 (24.7)	54 (37.0)	56 (38.4)	36 (26.1)	48 (34.8)	54 (39.1)	34 (23.6)	57 (39.6)	53 (36.8)
13. North East	19 (18.4)	47 (45.6)	37 (35.9)	43 (20.8)	80 (38.6)	84 (40.6)	48 (20.3)	119 (50.4)	69 (29.2)	50 (26.9)	93 (50.0)	43 (23.1)
14. North West	8 (22.2)	12 (33.3)	16 (44.4)	21 (17.4)	58 (47.9)	42 (34.7)	26 (21.3)	56 (45.9)	40 (32.8)	16 (14.4)	49 (44.1)	46 (41.4)

Data source: Canadian Institute for Health Information, National Rehabilitation Reporting System (NRS), 2003/04–2011/12.

Inclusion criteria: All patients aged >18 years admitted to inpatient rehabilitation and classified as Rehabilitation Client Group 1 (Stroke) in the NRS database.

Exclusion criteria: Patients discharged from one facility and admitted to another within 24 hours (N = 123 in 2003/04, 110 in 2009/10, 73 in 2010/11 and 86 in 2011/12).

1 Mild disability includes Rehabilitation Patient Groups (RPGs) 1160 and 1150.

2 Moderate disability includes RPGs 1140, 1130 and 1120.

3 Severe disability includes RPGs 1110 and 1100.

4 Based on unique patients (i.e., does not include multiple patient-visits).

** Cell value suppressed for reasons of privacy and confidentiality.

Note:

Facility-based analysis (i.e., the location of the facility is used to report regional performance).

EXHIBIT 5.8S Functional Independence Measure efficiency¹ of adult stroke patients by Rehabilitation Patient Group and sex, in Ontario and by type of inpatient rehabilitation facility, 2003/04 and 2009/10–2011/12

Rehabilitation Patient Group	2003/04			2003/04			2003/04			2009/10			2009/10			2009/10		
	Ontario ² (N=3,021)			Freestanding facility ³ (n=1,311)			Non-freestanding facility ³ (n=1,710)			Ontario ² (N=3,860)			Freestanding facility ³ (n=1,719)			Non-freestanding facility ³ (n=2,141)		
	No. of patients	Mean (median)	IQR	No. of patients	Mean (median)	IQR	No. of patients	Mean (median)	IQR	No. of patients	Mean (median)	IQR	No. of patients	Mean (median)	IQR	No. of patients	Mean (median)	IQR
RPG 1160	233	0.5 (0.4)	0.2-0.7	65	0.5 (0.3)	0.2-0.5	168	0.6 (0.5)	0.2-0.8	255	0.6 (0.5)	0.2-0.8	126	0.4 (0.4)	0.2-0.7	129	0.7 (0.5)	0.2-0.9
RPG 1150	429	1.1 (0.8)	0.5-1.4	168	0.8 (0.7)	0.4-1.0	261	1.2 (0.9)	0.6-1.6	506	1.2 (0.9)	0.6-1.4	198	0.8 (0.8)	0.5-1.0	308	1.4 (1.2)	0.7-1.7
Total mild disability ⁴	662	0.9 (0.7)	0.4-1.2	233	0.7 (0.6)	0.3-0.9	429	1.0 (0.7)	0.4-1.4	761	1.0 (0.8)	0.4-1.2	324	0.7 (0.6)	0.4-0.9	437	1.2 (0.9)	0.5-1.5
Female	322	1.0 (0.7)	0.4-1.4	101	0.9 (0.7)	0.4-1.1	221	1.0 (0.8)	0.4-1.5	323	1.0 (0.8)	0.5-1.2	135	0.7 (0.6)	0.4-0.9	188	1.2 (1.0)	0.6-1.5
Male	340	0.8 (0.6)	0.3-1.0	132	0.6 (0.5)	0.3-0.8	208	0.9 (0.7)	0.4-1.1	438	1.0 (0.8)	0.4-1.2	189	0.7 (0.6)	0.3-0.9	249	1.2 (0.9)	0.5-1.5
RPG 1140	219	0.7 (0.6)	0.3-0.9	103	0.5 (0.5)	0.3-0.7	116	0.9 (0.7)	0.4-1.2	400	0.8 (0.7)	0.4-1.0	220	0.6 (0.6)	0.3-0.8	180	1.0 (0.9)	0.5-1.4
RPG 1130	378	0.6 (0.5)	0.3-0.9	188	0.5 (0.4)	0.2-0.7	190	0.8 (0.6)	0.3-1.1	595	0.7 (0.6)	0.3-1.0	312	0.6 (0.6)	0.3-0.8	283	0.9 (0.7)	0.3-1.2
RPG 1120	625	0.8 (0.7)	0.4-1.1	303	0.7 (0.6)	0.4-0.9	322	0.9 (0.7)	0.4-1.2	820	0.9 (0.8)	0.5-1.2	397	0.8 (0.7)	0.5-1.0	423	1.1 (0.9)	0.5-1.4
Total moderate disability ⁵	1,222	0.7 (0.6)	0.3-1.0	594	0.6 (0.5)	0.3-0.8	628	0.8 (0.7)	0.4-1.2	1,815	0.8 (0.7)	0.4-1.1	929	0.7 (0.6)	0.4-0.9	886	1.0 (0.8)	0.5-1.3
Female	589	0.7 (0.6)	0.3-0.9	311	0.6 (0.5)	0.3-0.8	278	0.8 (0.7)	0.4-1.1	833	0.8 (0.7)	0.4-1.1	434	0.6 (0.6)	0.4-0.9	399	1.0 (0.8)	0.5-1.3
Male	633	0.8 (0.6)	0.3-1.0	283	0.6 (0.5)	0.3-0.8	350	0.9 (0.7)	0.3-1.2	982	0.9 (0.7)	0.4-1.1	495	0.7 (0.6)	0.4-0.9	487	1.0 (0.9)	0.5-1.3
RPG 1110	800	0.5 (0.4)	0.2-0.8	337	0.5 (0.4)	0.2-0.7	463	0.6 (0.5)	0.2-0.9	854	0.6 (0.5)	0.2-0.9	300	0.6 (0.5)	0.3-0.8	554	0.7 (0.5)	0.2-1.0
RPG 1100	337	0.6 (0.5)	0.2-0.7	147	0.5 (0.5)	0.2-0.6	190	0.7 (0.5)	0.2-0.9	430	0.8 (0.6)	0.3-1.0	166	0.7 (0.6)	0.3-0.9	264	0.8 (0.6)	0.3-1.1
Total severe disability ⁶	1,137	0.6 (0.4)	0.2-0.7	484	0.5 (0.4)	0.2-0.7	653	0.6 (0.5)	0.2-0.9	1,284	0.7 (0.5)	0.3-0.9	466	0.6 (0.5)	0.3-0.8	818	0.7 (0.6)	0.2-1.0
Female	541	0.6 (0.5)	0.2-0.8	216	0.5 (0.5)	0.2-0.7	325	0.7 (0.5)	0.2-0.9	621	0.7 (0.6)	0.3-1.0	215	0.7 (0.6)	0.3-0.9	406	0.7 (0.5)	0.2-1.0
Male	596	0.5 (0.4)	0.2-0.7	268	0.4 (0.4)	0.2-0.6	328	0.6 (0.4)	0.2-0.9	663	0.6 (0.5)	0.3-0.9	251	0.6 (0.5)	0.3-0.8	412	0.7 (0.6)	0.2-1.0

Rehabilitation Patient Group	2010/11			2010/11			2010/11			2011/12			2011/12			2011/12		
	Ontario ² (N=3,913)			Freestanding facility ³ (n=1,807)			Non-freestanding facility ³ (n=2,106)			Ontario ² (N=3,554)			Freestanding facility ³ (n=1,556)			Non-freestanding facility ³ (n=1,998)		
	No. of patients	Mean (median)	IQR	No. of patients	Mean (median)	IQR	No. of patients	Mean (median)	IQR	No. of patients	Mean (median)	IQR	No. of patients	Mean (median)	IQR	No. of patients	Mean (median)	IQR
RPG 1160	257	0.6 (0.5)	0.2-0.8	117	0.4 (0.4)	0.2-0.6	140	0.7 (0.6)	0.3-1.0	208	0.6 (0.5)	0.2-0.8	90	0.5 (0.4)	0.2-0.7	118	0.6 (0.5)	0.2-0.9
RPG 1150	480	1.1 (0.9)	0.6-1.4	228	0.9 (0.8)	0.6-1.2	252	1.3 (1.0)	0.7-1.6	467	1.2 (0.9)	0.6-1.4	201	1.0 (0.9)	0.6-1.2	266	1.3 (1.0)	0.7-1.6
Total mild disability ⁴	737	0.9 (0.8)	0.5-1.2	345	0.8 (0.7)	0.4-1.0	392	1.1 (0.9)	0.5-1.5	675	1.0 (0.8)	0.5-1.3	291	0.8 (0.7)	0.4-1.1	384	1.1 (0.9)	0.5-1.4
Female	334	0.9 (0.8)	0.5-1.2	154	0.8 (0.7)	0.4-1.1	180	1.1 (1.0)	0.6-1.5	297	1.0 (0.8)	0.5-1.2	129	0.9 (0.8)	0.5-1.1	168	1.0 (0.9)	0.5-1.3
Male	403	0.9 (0.8)	0.4-1.2	191	0.7 (0.6)	0.4-1.0	212	1.1 (0.8)	0.5-1.5	378	1.0 (0.8)	0.4-1.3	162	0.8 (0.7)	0.4-1.1	216	1.1 (0.9)	0.5-1.5
RPG 1140	400	0.8 (0.7)	0.4-1.0	199	0.7 (0.6)	0.4-0.9	201	1.0 (0.8)	0.4-1.3	388	1.0 (0.7)	0.5-1.2	195	0.9 (0.6)	0.4-1.0	193	1.2 (0.9)	0.5-1.6
RPG 1130	640	0.8 (0.7)	0.4-1.0	334	0.6 (0.6)	0.4-0.9	306	0.9 (0.8)	0.5-1.3	587	0.8 (0.7)	0.4-1.0	309	0.7 (0.7)	0.4-0.9	278	0.9 (0.7)	0.3-1.1
RPG 1120	881	1.0 (0.9)	0.5-1.3	430	0.8 (0.8)	0.5-1.1	451	1.2 (1.0)	0.6-1.5	780	1.0 (0.9)	0.6-1.3	353	0.8 (0.8)	0.5-1.1	427	1.1 (1.0)	0.6-1.5
Total moderate disability ⁵	1,921	0.9 (0.8)	0.4-1.1	963	0.7 (0.7)	0.4-1.0	958	1.0 (0.9)	0.5-1.4	1,755	0.9 (0.8)	0.5-1.2	857	0.8 (0.7)	0.4-1.0	898	1.1 (0.9)	0.5-1.4
Female	913	0.9 (0.8)	0.5-1.1	464	0.7 (0.7)	0.4-1.0	449	1.0 (0.9)	0.5-1.4	850	0.9 (0.8)	0.5-1.1	413	0.7 (0.7)	0.4-1.0	437	1.0 (0.8)	0.5-1.4
Male	1,008	0.9 (0.7)	0.4-1.1	499	0.7 (0.6)	0.4-1.0	509	1.0 (0.9)	0.5-1.4	905	1.0 (0.8)	0.5-1.2	444	0.9 (0.7)	0.5-1.0	461	1.1 (0.9)	0.5-1.5
RPG 1110	832	0.7 (0.6)	0.3-1.0	322	0.6 (0.5)	0.3-0.9	510	0.7 (0.6)	0.3-1.0	760	0.6 (0.5)	0.2-1.0	253	0.5 (0.5)	0.2-0.9	507	0.7 (0.5)	0.2-1.1
RPG 1100	423	0.8 (0.7)	0.4-1.1	177	0.7 (0.6)	0.3-1.0	246	0.9 (0.7)	0.4-1.2	364	0.8 (0.7)	0.4-1.1	155	0.7 (0.7)	0.4-0.9	209	0.9 (0.7)	0.5-1.2
Total severe disability ⁶	1,255	0.7 (0.6)	0.3-1.0	499	0.6 (0.6)	0.3-0.9	756	0.7 (0.7)	0.3-1.1	1,124	0.7 (0.6)	0.3-1.0	408	0.6 (0.5)	0.3-0.9	716	0.8 (0.6)	0.2-1.1
Female	606	0.7 (0.6)	0.3-1.0	242	0.6 (0.6)	0.3-0.9	364	0.7 (0.6)	0.3-1.1	546	0.7 (0.5)	0.2-1.0	186	0.5 (0.5)	0.3-0.8	360	0.8 (0.6)	0.2-1.1
Male	649	0.8 (0.7)	0.3-1.0	257	0.7 (0.6)	0.3-0.9	392	0.8 (0.7)	0.3-1.1	578	0.7 (0.6)	0.3-1.0	222	0.6 (0.6)	0.3-0.9	356	0.7 (0.6)	0.2-1.1

Data source: Canadian Institute for Health Information, National Rehabilitation Reporting System (NRS), 2003/04–2011/12.

Inclusion criteria: All patients aged ≥18 years admitted to inpatient rehabilitation and classified as Rehabilitation Client Group 1 (Stroke) in the NRS database.

Exclusion criteria: Patients discharged from one facility and admitted to another within 24 hours (N = 123 in 2003/04, 110 in 2009/10, 73 in 2010/11 and 86 in 2011/12).

1 FIM efficiency is the change in total FIM score divided by total length of stay; it provides information on the average amount of functional recovery per day of inpatient rehabilitation.

2 Based on unique patients (i.e., does not include multiple patient-visits).

3 Freestanding and integrated facilities are termed Specialty and General facilities, respectively, in the NRS database. The only freestanding rehabilitation facility that is part of a general hospital is located at Windsor Regional Hospital.

4 Mild disability includes Rehabilitation Patient Groups (RPGs) 1160 and 1150.

5 Moderate disability includes RPGs 1140, 1130 and 1120.

6 Severe disability includes RPGs 1110 and 1100.

Note:

Facility-based analysis (i.e., the location of the facility is used to report regional performance).

IQR = interquartile range (25th–75th percentile).

EXHIBIT 5.9S-1 Characteristics of adult stroke patients in inpatient rehabilitation, in Ontario and by National Rehabilitation Reporting System facility number and name, 2003/04

Group/Subgroup				Admission to rehabilitation ¹ , N	Days from stroke onset to admission, mean (median)	Admission FIM score, mean (median)	Discharge FIM score, mean (median)	Change in FIM score, mean (median)	FIM efficiency ² , mean (median)	Length of stay in days ³ , mean (median)
Ontario ⁵				3,081	21.2 (13)	74.8 (76)	97.9 (107)	21.9 (21)	0.8 (0.6)	38.1 (31)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region							
2771	Southlake Regional Health Centre	Central	Central East	40	10.6 (8.5)	77.9 (76)	98.3 (108.5)	19.1 (18.5)	0.7 (0.7)	30.7 (28)
3507	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	71	6.9 (5)	68.2 (68)	86.8 (106)	18.5 (20)	1.2 (1.1)	18.5 (15)
3617	Peterborough Regional Health Centre	Central East	Central East	35	18.0 (14)	74.2 (77)	101.8 (112)	21.6 (22)	0.4 (0.4)	55.6 (50)
3858	Mackenzie Health	Central	Central East	63	21.1 (15)	86.7 (86)	104.5 (108)	17.9 (20)	0.7 (0.7)	24.3 (22)
3934	Lakeridge Health Corporation (Oshawa)	Central East	Central East	91	13.0 (10)	63.0 (62)	96.0 (108)	30.5 (26)	0.8 (0.6)	48.7 (46)
4307	Markham Stouffville Hospital	Central East	Central East	25	16.0 (9)	77.3 (80)	104.8 (110)	27.5 (22)	1.5 (1.5)	23.7 (19)
4705	Georgian Bay General Hospital (Penetanguishene)	North Simcoe Muskoka	Central East	42	21.5 (12.5)	70.6 (69)	101.0 (112)	29.0 (28)	0.9 (0.7)	32.0 (33)
1912	Grand River Hospital Corp (Freepoint)	Waterloo Wellington	Central South	55	26.7 (18)	79.1 (80)	103.0 (107.5)	22.5 (22.5)	0.4 (0.4)	61.8 (57)
3155	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	32	28.4 (17.5)	66.4 (66)	87.0 (93)	17.7 (20)	0.4 (0.5)	42.6 (40.5)
3736	Grand River Hospital Corp (Waterloo)	Waterloo Wellington	Central South	9	9.4 (7)	83.1 (86)	109.4 (108)	28.9 (28.5)	3.9 (3.9)	8.0 (9)
3778	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	53	13.2 (9)	69.8 (67)	94.9 (97.5)	25.1 (24.5)	0.8 (0.7)	35.2 (29)
3880	Hamilton Health Sciences Corp (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	15	15.1 (13)	74.6 (75)	103.9 (98)	24.4 (23)	1.0 (0.6)	36.6 (33.5)
3881	Hamilton Health Sciences Corp (Chedoke)	Hamilton Niagara Haldimand Brant	Central South	33	36.1 (26)	73.0 (73)	104.3 (109)	23.5 (22.5)	0.5 (0.4)	72.0 (53)
3912	St. Joseph's Health Centre (Guelph)	Hamilton Niagara Haldimand Brant	Central South	14	81.6 (27.5)	64.8 (64)	91.8 (98)	27.9 (26)	0.4 (0.4)	68.9 (76)
4289	St. Mary's General Hospital	Waterloo Wellington	Central South	21	17.6 (6)	96.2 (100)	106.9 (112)	9.1 (11)	1.0 (1.0)	9.5 (8)
4342	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	116	29.6 (9)	85.5 (89)	102.2 (109)	16.2 (16)	0.8 (0.6)	29.8 (24)
4385	Guelph General Hospital	Waterloo Wellington	Central South	13	8.2 (7)	95.6 (98)	112.8 (112.5)	14.8 (14.5)	2.0 (1.9)	7.5 (7)
4433	William Osler Health Centre (Georgetown)	Mississauga Halton	Central South	50	20.8 (14)	80.4 (85)	107.3 (115)	25.4 (24)	0.7 (0.6)	40.6 (34.5)
4595	Religious Hospitalers of St. Joseph (Hotel Dieu)	Hamilton Niagara Haldimand Brant	Central South	96	21.3 (16.5)	70.4 (69)	99.6 (104)	29.3 (30)	1.0 (0.9)	34.2 (32.5)
4678	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	77	16.2 (9)	70.4 (73)	91.5 (100)	19.8 (19.5)	0.8 (0.7)	30.3 (22)
3782	Bruyère Continuing Care Inc.	Champlain	Champlain	111	36.7 (24)	65.5 (65)	93.7 (102)	27.0 (28)	0.4 (0.4)	67.9 (70)
4299	Pembroke Regional Hospital Inc.	Champlain	Champlain	39	12.1 (7)	73.8 (76)	98.6 (108)	22.9 (25)	0.9 (0.7)	42.3 (37.5)
4329	Ottawa Hospital (Civic)	Champlain	Champlain	29	13.0 (10)	100.0 (103)	114.3 (118)	14.9 (14.5)	0.9 (0.6)	18.3 (16)
4429	Ottawa Hospital (Rehab Centre)	Champlain	Champlain	56	28.6 (20)	71.7 (67.5)	95.3 (102.5)	22.6 (19.5)	0.4 (0.4)	58.4 (58)
4470	Cornwall Community Hospital (General)	Champlain	Champlain	35	22.1 (14)	81.0 (81)	100.7 (116)	19.8 (17)	0.4 (0.4)	49.0 (44)
4733	North Bay Regional Health Centre	North East	Northeast	18	26.9 (19)	71.3 (73.5)	97.8 (112)	26.5 (25.5)	0.8 (0.7)	48.9 (44.5)
4061	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	67	23.7 (17)	79.3 (83)	99.6 (107)	18.3 (16)	0.5 (0.4)	41.2 (33)
4409	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	23	11.2 (10)	68.7 (69)	83.9 (85)	8.9 (10)	0.5 (0.3)	34.0 (29)
3891	St. Joseph's Care Group	North West	Northwest	32	36.0 (28)	72.9 (73)	96.9 (109.5)	19.0 (19)	0.4 (0.4)	72.7 (69)
2223	Providence Care Centre (St. Mary's of the Lake)	South East	South East	51	42.3 (23)	79.3 (76)	102.4 (109)	23.8 (24.5)	0.4 (0.4)	78.4 (60)
3990	Quinte Healthcare Corporation (Belleville)	South East	South East	66	33.7 (12.5)	71.5 (70)	95.0 (101)	22.9 (21.5)	0.5 (0.5)	45.6 (39)
4339	Providence Continuing Care Centre (St. Vincent de Paul)	South East	South East	21	17.3 (15)	71.9 (78)	92.8 (107)	21.0 (20)	0.7 (0.7)	32.7 (29)
3612	Stratford General Hospital	South West	Southwest	31	14.0 (10)	59.1 (54)	85.5 (102)	25.4 (23)	0.6 (0.5)	50.1 (37)
3846	Windsor Regional Hospital (Western)	Erie St. Clair	Southwest	59	19.6 (12)	67.4 (66.5)	86.3 (98.5)	19.0 (19.5)	0.6 (0.6)	37.9 (35)
3884	St. Joseph's Health Care (London - Parkwood)	South West	Southwest	149	34.5 (16)	73.9 (76)	97.0 (106)	22.7 (21)	0.5 (0.5)	50.3 (43)
3897	Wingham & District Hospital	South West	Southwest	10	12.0 (8)	69.9 (68)	88.1 (97)	18.2 (20.5)	0.9 (0.9)	23.6 (17)
3916	St. Joseph's Health Care (London - Parkwood)	South West	Southwest	12	57.1 (40.5)	54.7 (58)	76.9 (89.5)	22.3 (28)	0.5 (0.5)	52.3 (50.5)
3946	Grey Bruce Health Services (Owen Sound)	South West	Southwest	62	23.6 (15)	80.0 (78)	94.6 (103)	14.1 (11)	0.5 (0.5)	28.2 (22)
4149	Hôtel-Dieu Grace Hospital - St. Joseph	Erie St. Clair	Southwest	132	9.3 (7)	69.4 (72.5)	83.3 (86.5)	12.0 (9.5)	1.5 (0.9)	7.2 (6)
4162	St. Thomas-Elgin General Hospital	South West	Southwest	22	10.3 (8)	86.1 (90)	110.5 (115)	15.7 (11)	0.7 (0.5)	24.3 (21)
4204	Leamington District Memorial Hospital	Erie St. Clair	Southwest	20	8.4 (5)	54.7 (50)	72.7 (77)	16.6 (15)	1.9 (1.6)	9.9 (8)
4361	St. Joseph's Health Services Association of Chatham	Erie St. Clair	Southwest	68	14.0 (11)	69.4 (71)	94.0 (102)	24.2 (25)	0.8 (0.6)	39.0 (34.5)
4417	Bluewater Health (Sarnia)	Erie St. Clair	Southwest	38	21.6 (9.5)	83.2 (86)	101.0 (109)	16.3 (14)	0.5 (0.5)	37.1 (29.5)
1337	St. John's Rehabilitation Hospital	Central	Toronto - North & East	87	17.6 (14)	80.6 (81)	104.3 (108.5)	23.2 (22.5)	0.6 (0.6)	42.3 (39.5)
3439	Baycrest Hospital (North York)	Toronto Central	Toronto - North & East	38	36.3 (21.5)	70.9 (74)	94.1 (95.5)	20.9 (21.5)	0.4 (0.4)	50.2 (52)
4155	Scarborough Hospital (General)	Central East	Toronto - North & East	34	9.4 (9)	74.3 (75)	96.8 (97)	18.3 (18)	1.2 (1.1)	15.6 (15)
4156	Scarborough Hospital (Grace)	Central East	Toronto - North & East	6	6.3 (5)	81.7 (93)	108.4 (110)	26.0 (9)	2.3 (0.9)	11.0 (11)
4273	Sunnybrook Health Sciences Centre	Toronto Central	Toronto - North & East	7	12.0 (12)	87.5 (102)	95.2 (119)	10.0 (8)	1.5 (1.4)	6.7 (7)
4335	North York General Hospital (Branson)	Central	Toronto - North & East	6	14.7 (14.5)	72.3 (77.5)	83.3 (88.5)	11.0 (10.5)	0.8 (0.9)	20.0 (13.5)
1355	Providence Healthcare	Toronto Central	Toronto - Southeast	62	35.1 (25)	76.8 (79)	109.2 (115.0)	29.0 (29)	0.6 (0.5)	54.8 (42.0)
1436	Bridgepoint Hospital	Toronto Central	Toronto - Southeast	50	36.5 (29.5)	71.6 (73)	90.7 (98.5)	19.2 (16)	0.4 (0.3)	62.9 (49)
3941	Rouge Valley Health System (Centenary)	Central East	Toronto - Southeast	38	13.4 (9)	87.6 (88)	111.4 (115)	23.8 (22)	1.2 (0.9)	28.7 (22.5)
4151	Rouge Valley Health System (Ajax)	Central East	Toronto - Southeast	41	10.3 (8)	77.9 (79)	100.6 (110)	22.6 (20)	0.9 (0.7)	34.0 (20)
4279	Toronto East General Hospital	Toronto Central	Toronto - Southeast	15	11.8 (10)	104.5 (106)	117.8 (118)	9.3 (10.5)	0.8 (0.7)	13.1 (11)
3950	Toronto Rehabilitation Institute (Hillcrest)	Toronto Central	Toronto - West	173	22.2 (16)	76.2 (78)	104.0 (108)	27.5 (27)	0.6 (0.6)	44.6 (42)
4293	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	14	10.4 (9.5)	98.6 (104)	112.3 (121)	13.7 (15)	1.4 (1.8)	10.6 (9)

EXHIBIT 5.9S-1 *continued*

Group/Subgroup				Admission to rehabilitation ¹ , N	Days from stroke onset to admission, mean (median)	Admission FIM score, mean (median)	Discharge FIM score, mean (median)	Change in FIM score, mean (median)	FIM efficiency ² , mean (median)	Length of stay in days ³ , mean (median)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region							
4366	St. Joseph's Health Centre	Toronto Central	Toronto - West	26	11.5 (9.5)	100.3 (102)	113.3 (115)	13.5 (12)	1.5 (1.3)	9.2 (10)
1471	West Park Healthcare Centre (York)	Toronto Central	West GTA	81	24.1 (19)	76.0 (76)	99.2 (103)	21.6 (20)	0.6 (0.6)	39.4 (40)
3288	Credit Valley Hospital	Mississauga Halton	West GTA	59	13.3 (10)	67.9 (66)	93.3 (97)	22.7 (24)	0.7 (0.7)	39.5 (36)
4136	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	48	11.9 (8)	69.1 (71)	82.8 (93.5)	15.7 (15.5)	0.5 (0.8)	22.7 (16)
4150	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	181	10.2 (7)	74.1 (75)	101.3 (107.5)	24.7 (23)	1.5 (1.2)	25.5 (17)
4277	William Osler Health System (Etobicoke)	Central West	West GTA	13	11.9 (9)	68.8 (75)	105.8 (112.5)	29.8 (26.5)	1.2 (1.1)	23.7 (23)

Group/Subgroup				Home without services ⁴ , n (%)	Home with services ⁴ , n (%)	Other community services ⁴ , n (%)	Long-term care facility ⁴ , n (%)	Acute care facility ⁴ , n (%)	Died ⁴ , n (%)	Unavailable/unknown ⁴ , n (%)
Ontario ⁵				805 (29.6)	1,167 (42.9)	143 (5.3)	366 (13.5)	157 (5.8)	20 (0.7)	63 (2.3)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region							
2771	Southlake Regional Health Centre	Central	Central East	**	26 (66.7)	**	6 (15.4)	-	**	-
3507	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	13 (20.0)	20 (30.8)	**	**	6 (9.2)	**	18 (27.7)
3617	Peterborough Regional Health Centre	Central East	Central East	**	16 (59.3)	**	**	**	-	-
3858	Mackenzie Health	Central	Central East	19 (33.9)	26 (46.4)	**	**	**	-	-
3934	Lakeridge Health Corporation (Oshawa)	Central East	Central East	14 (16.9)	41 (49.4)	**	13 (15.7)	11 (13.3)	-	**
4307	Markham Stouffville Hospital	Central East	Central East	6 (25.0)	14 (58.3)	-	**	**	-	-
4705	Georgian Bay General Hospital (Penetanguishene)	North Simcoe Muskoka	Central East	8 (19.5)	23 (56.1)	**	**	6 (14.6)	**	-
1912	Grand River Hospital Corporation (Freeport)	Waterloo Wellington	Central South	7 (13.2)	28 (52.8)	**	6 (11.3)	**	**	**
3155	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	**	12 (38.7)	**	7 (22.6)	6 (19.4)	-	-
3736	Grand River Hospital Corporation (Waterloo)	Waterloo Wellington	Central South	-	**	**	-	-	-	-
3778	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	10 (20.0)	22 (44.0)	8 (16.0)	**	7 (14.0)	-	**
3880	Hamilton Health Sciences Corporation (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	**	6 (54.5)	**	-	-	-	-
3881	Hamilton Health Sciences Corporation (Chedoke)	Hamilton Niagara Haldimand Brant	Central South	14 (58.3)	**	**	**	-	-	-
3912	St. Joseph's Health Centre (Guelph)	Hamilton Niagara Haldimand Brant	Central South	**	6 (42.9)	**	**	**	-	-
4289	St. Mary's General Hospital	Waterloo Wellington	Central South	**	6 (40.0)	**	**	-	-	-
4342	Hamilton Health Sciences Corporation (General)	Hamilton Niagara Haldimand Brant	Central South	49 (65.3)	14 (18.7)	**	6 (8.0)	**	-	**
4385	Guelph General Hospital	Waterloo Wellington	Central South	**	8 (61.5)	**	**	**	-	-
4433	William Osler Health Centre (Georgetown)	Mississauga Halton	Central South	10 (20.0)	31 (62.0)	**	7 (14.0)	**	-	-
4595	Religious Hospitaliers of St. Joseph (Hotel Dieu)	Hamilton Niagara Haldimand Brant	Central South	19 (19.8)	56 (58.3)	**	16 (16.7)	-	-	-
4678	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	23 (31.1)	23 (31.1)	7 (9.5)	16 (21.6)	**	**	-
3782	Bruyère Continuing Care Inc.	Champlain	Champlain	32 (37.2)	25 (29.1)	11 (12.8)	14 (16.3)	**	-	-
4299	Pembroke Regional Hospital Inc.	Champlain	Champlain	10 (28.6)	12 (34.3)	**	**	**	-	**
4329	Ottawa Hospital (Civic)	Champlain	Champlain	8 (27.6)	18 (62.1)	-	**	-	-	-
4429	Ottawa Hospital (Rehab Centre)	Champlain	Champlain	20 (36.4)	22 (40.0)	**	9 (16.4)	**	**	-
4470	Cornwall Community Hospital (General)	Champlain	Champlain	8 (22.9)	15 (42.9)	**	**	8 (22.9)	-	-
4733	North Bay Regional Health Centre	North East	Northeast	**	9 (50.0)	**	**	**	-	-
4061	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	26 (39.4)	22 (33.3)	-	12 (18.2)	**	**	-
4409	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	**	8 (36.4)	**	-	8 (36.4)	**	-
3891	St. Joseph's Care Group	North West	Northwest	8 (36.4)	13 (59.1)	-	-	**	-	-
2223	Providence Care Centre (St. Mary's of the Lake)	South East	South East	8 (16.7)	29 (60.4)	-	10 (20.8)	-	**	-
3990	Quinte Healthcare Corporation (Belleville)	South East	South East	18 (34.0)	22 (41.5)	**	7 (13.2)	**	**	-
4339	Providence Continuing Care Centre (St. Vincent de Paul)	South East	South East	**	12 (57.1)	**	**	**	-	-
3612	Stratford General Hospital	South West	Southwest	6 (20.0)	12 (40.0)	-	10 (33.3)	**	**	-
3846	Windsor Regional Hospital (Western)	Erie St. Clair	Southwest	9 (15.8)	26 (45.6)	**	18 (31.6)	**	-	-
3884	St. Joseph's Health Care (London - Parkwood)	South West	Southwest	52 (38.0)	51 (37.2)	**	27 (19.7)	**	-	-
3897	Wingham & District Hospital	South West	Southwest	**	**	-	-	-	**	-
3916	St. Joseph's Health Care (London - Parkwood)	South West	Southwest	-	6 (54.5)	-	**	**	-	-
3946	Grey Bruce Health Services (Owen Sound)	South West	Southwest	7 (11.7)	27 (45.0)	**	10 (16.7)	10 (16.7)	-	**
4149	Hôtel-Dieu Grace Hospital (St. Joseph)	Erie St. Clair	Southwest	11 (21.6)	16 (31.4)	**	9 (17.6)	**	**	8 (15.7)
4162	St. Thomas-Elgin General Hospital	South West	Southwest	8 (42.1)	**	**	**	**	**	-
4204	Leamington District Memorial Hospital	Erie St. Clair	Southwest	**	6 (35.3)	**	**	**	-	**
4361	St. Joseph's Health Services Association of Chatham	Erie St. Clair	Southwest	7 (11.1)	36 (57.1)	**	6 (9.5)	**	**	**
4417	Bluewater Health (Sarnia)	Erie St. Clair	Southwest	8 (21.6)	23 (62.2)	**	**	**	-	-

EXHIBIT 5.9S-1 *continued*

Group/Subgroup				Home without services ⁴ , n (%)	Home with services ⁴ , n (%)	Other community services ⁴ , n (%)	Long-term care facility ⁴ , n (%)	Acute care facility ⁴ , n (%)	Died ⁴ , n (%)	Unavailable/unknown ⁴ , n (%)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region							
1337	St. John's Rehabilitation Hospital	Central	Toronto - North & East	35 (42.2)	28 (33.7)	6 (7.2)	6 (7.2)	8 (9.6)	-	-
3439	Baycrest Hospital (North York)	Toronto Central	Toronto - North & East	**	18 (48.6)	**	10 (27.0)	**	-	-
4155	Scarborough Hospital (General)	Central East	Toronto - North & East	**	13 (38.2)	-	**	**	-	13 (38.2)
4156	Scarborough Hospital (Grace)	Central East	Toronto - North & East	**	-	-	**	-	-	**
4273	Sunnybrook Health Sciences Centre	Toronto Central	Toronto - North & East	**	**	-	**	**	-	**
4335	North York General Hospital (Branson)	Central	Toronto - North & East	-	**	-	-	-	-	-
1355	Providence Healthcare	Toronto Central	Toronto - Southeast	17 (30.4)	24 (42.9)	**	**	6 (10.7)	-	-
1436	Bridgepoint Hospital	Toronto Central	Toronto - Southeast	22 (44.9)	**	**	14 (28.6)	**	**	**
3941	Rouge Valley Health System (Centenary)	Central East	Toronto - Southeast	10 (27.8)	24 (66.7)	-	**	-	-	-
4151	Rouge Valley Health System (Ajax)	Central East	Toronto - Southeast	7 (17.1)	31 (75.6)	-	**	-	-	-
4279	Toronto East General Hospital	Toronto Central	Toronto - Southeast	7 (46.7)	6 (40.0)	-	**	-	-	-
3950	Toronto Rehabilitation Institute (Hillcrest)	Toronto Central	Toronto - West	85 (56.7)	40 (26.7)	8 (5.3)	14 (9.3)	**	-	-
4293	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	12 (85.7)	**	-	-	-	-	-
4366	St. Joseph's Health Centre	Toronto Central	Toronto - West	7 (31.8)	12 (54.5)	-	**	-	-	-
1471	West Park Healthcare Centre (York)	Toronto Central	West GTA	24 (32.9)	33 (45.2)	**	10 (13.7)	**	-	-
3288	Credit Valley Hospital	Mississauga Halton	West GTA	12 (25.0)	20 (41.7)	**	11 (22.9)	**	**	-
4136	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	9 (22.5)	18 (45.0)	**	7 (17.5)	**	-	-
4150	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	77 (44.3)	80 (46.0)	**	12 (6.9)	**	-	-
4277	William Osler Health System (Etobicoke)	Central West	West GTA	**	**	-	**	**	-	-

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD) and National Rehabilitation Reporting System (NRS), 2003/04.

Inclusion criteria: All patients aged ≥18 years with a diagnosis of stroke (using ICD-10 codes) discharged from an acute care hospital to inpatient rehabilitation and classified as Rehabilitation Client Group (RCG) 1 (Stroke) and RCG 2 (Brain Dysfunction) in the NRS database.

- 1 Patients discharged from an acute care hospital with a diagnosis of stroke and admitted to an inpatient rehabilitation hospital in the same fiscal year.
 - 2 FIM efficiency is the change in total FIM score divided by total length of stay; it provides information on the average amount of functional recovery per day of inpatient rehabilitation.
 - 3 Length of stay refers to the total time spent in inpatient rehabilitation and is calculated using the admission and discharge dates in the NRS database (LOS = discharge date - admission date).
 - 4 Among patients discharged alive from an acute care facility and admitted to inpatient rehabilitation (N = 2,721 in 2003/04).
 - 5 Based on unique patients (i.e., does not include multiple patient-visits).
- ** Cell value suppressed for reasons of privacy and confidentiality.

Notes:

- (1) Facility-based analysis (i.e., the location of the facility is used to report regional performance).
- (2) Cells in which there were no reported/available data are marked with a hyphen (-).

FIM = Functional Independence Measure.

EXHIBIT 5.9S-2 Characteristics of adult stroke patients in inpatient rehabilitation, in Ontario and by National Rehabilitation Reporting System facility number and name, 2009/10

Group/Subgroup				Admission to rehabilitation ¹ , N	Days from stroke onset to admission, mean (median)	Admission FIM score, mean (median)	Discharge FIM score, mean (median)	Change in FIM score, mean (median)	FIM efficiency ² , mean (median)	Length of stay ³ in days, mean (median)
Ontario ⁵				3,466	19.5 (12)	75.8 (78)	99.5 (107)	22.6 (21)	0.8 (0.7)	36.4 (30)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region							
2771	Southlake Regional Health Centre	Central	Central East	77	11.2 (9)	65.5 (61.5)	89.9 (110)	24.4 (24)	1.1 (1.1)	35.2 (27)
3507	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	65	19.0 (15)	67.5 (67)	98.3 (105)	22.0 (17)	1.0 (0.6)	33.3 (22)
3617	Peterborough Regional Health Centre	Central East	Central East	62	14.3 (10)	76.4 (80.5)	101.3 (108)	25.0 (24)	0.9 (0.7)	34.5 (31.5)
3858	Mackenzie Health	Central	Central East	42	19.9 (11)	77.2 (78.5)	100.1 (103)	22.9 (23)	1.2 (0.9)	27.0 (22)
3934	Lakeridge Health Corporation (Oshawa)	Central East	Central East	104	13.3 (9.5)	62.5 (63)	90.9 (97)	28.1 (27)	0.9 (0.8)	39.0 (34)
4307	Markham Stouffville Hospital	Central East	Central East	51	12.4 (10)	73.6 (76.5)	98.6 (104)	25.1 (25)	1.4 (1.2)	22.1 (14)
4450	Northumberland Hills Hospital	Central East	Central East	37	7.9 (6)	80.0 (82)	99.9 (108)	19.9 (21)	0.6 (0.6)	41.1 (32)
4483	Ross Memorial Hospital	Central East	Central East	29	15.1 (8)	76.1 (76)	98.0 (104)	23.2 (25)	0.8 (0.7)	35.3 (34)
4688	Orillia Soldiers' Memorial Hospital	North Simcoe Muskoka	Central East	25	10.8 (9)	75.2 (84)	110.9 (115)	30.3 (25.5)	1.1 (1.0)	44.5 (31)
4705	Georgian Bay General Hospital (Penetanguishene)	North Simcoe Muskoka	Central East	48	19.3 (14.5)	85.8 (86)	110.4 (115)	24.3 (22)	0.9 (0.8)	32.1 (28)
1912	Grand River Hospital Corp (Freepoint)	Waterloo Wellington	Central South	99	15.9 (10)	80.8 (81)	100.7 (108)	20.1 (20)	0.6 (0.6)	38.7 (34)
3155	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	20	11.7 (11)	83.9 (91)	109.3 (112.5)	19.4 (17.5)	1.0 (0.9)	28.4 (16)
3736	Grand River Hospital Corp (Waterloo)	Waterloo Wellington	Central South	6	7.5 (6)	91.5 (93.5)	99.5 (103)	8.0 (8.5)	0.8 (0.7)	11.5 (10)
3778	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	44	8.8 (7)	73.7 (78)	99.8 (103)	25.0 (24)	1.3 (1.0)	27.0 (20)
3880	Hamilton Health Sciences Corp (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	**	15.8 (15)	98.5 (96.5)	111.5 (111)	13.0 (15.5)	0.8 (1.1)	13.0 (12.5)
3881	Hamilton Health Sciences Corp (Chedoke)	Hamilton Niagara Haldimand Brant	Central South	24	21.7 (18)	69.6 (71.5)	102.0 (108.5)	32.5 (34)	1.0 (1.0)	32.3 (29.5)
3912	St. Joseph's Health Centre (Guelph)	Hamilton Niagara Haldimand Brant	Central South	50	16.4 (12)	80.3 (81)	99.1 (106)	18.7 (18)	0.9 (0.7)	29.5 (28)
4342	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	99	14.8 (10)	71.1 (74)	94.3 (101)	20.9 (20)	0.9 (0.8)	38.8 (25.5)
4595	Religious Hospitalers of St. Joseph (Hotel Dieu)	Hamilton Niagara Haldimand Brant	Central South	113	67.5 (17)	70.9 (74)	101.3 (106)	29.5 (28)	1.0 (0.8)	39.5 (38)
4678	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	55	12.0 (11)	67.6 (73)	97.2 (99)	25.4 (22)	1.0 (0.9)	36.6 (26)
4711	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	55	48.1 (16)	61.7 (57)	89.8 (105)	28.1 (25)	0.7 (0.6)	61.4 (42)
3782	Bruyère Continuing Care Inc.	Champlain	Champlain	124	33.7 (21.5)	74.3 (73.5)	99.6 (104.5)	24.9 (26)	0.5 (0.6)	49.6 (42)
4299	Pembroke Regional Hospital Inc.	Champlain	Champlain	48	15.6 (9)	80.9 (93)	109.6 (116)	25.4 (22)	1.2 (0.9)	25.7 (19.5)
4429	Ottawa Hospital (Rehab Centre)	Champlain	Champlain	10	72.5 (51.5)	104.5 (110)	117.4 (116.5)	12.9 (5.5)	0.2 (0.2)	51.1 (59.5)
4461	Hôpital Montfort	Champlain	Champlain	15	11.7 (10)	82.5 (82)	93.1 (97)	10.6 (15)	0.8 (1.0)	14.9 (15)
4470	Cornwall Community Hospital (General)	Champlain	Champlain	32	27.1 (18)	71.4 (71)	87.0 (93)	15.5 (13.5)	0.3 (0.2)	53.3 (43)
4584	Queensway-Carleton Hospital	Champlain	Champlain	33	7.9 (7)	85.6 (89)	103.7 (112)	18.1 (17)	1.2 (1.1)	17.1 (16)
4695	Ottawa Hospital (General)	Champlain	Champlain	15	12.3 (8)	98.0 (100)	115.1 (115)	17.1 (16)	1.2 (1.2)	14.6 (16)
4733	North Bay Regional Health Centre	North East	Northeast	30	32.7 (13.5)	82.5 (87.5)	103.7 (110)	22.4 (22)	0.5 (0.5)	58.1 (43)
3416	Timmins & District General Hospital	North East	Northeast	30	10.0 (5.5)	75.2 (75)	97.4 (106)	22.8 (19.5)	0.9 (0.8)	26.7 (21)
4061	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	74	21.4 (15)	73.4 (75.5)	92.2 (99)	18.2 (16)	0.5 (0.4)	50.7 (43)
4409	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	53	18.4 (10)	73.3 (73)	99.6 (106)	22.8 (21)	1.0 (0.8)	33.2 (26)
4592	West Parry Sound Health Centre	North East	Northeast	7	10.3 (6)	74.9 (70)	92.0 (88)	17.1 (18)	0.7 (0.6)	24.4 (21)
3891	St. Joseph's Care Group	North West	Northwest	121	18.9 (14)	73.1 (77.5)	103.4 (112)	25.3 (23)	0.7 (0.6)	44.8 (36)
2223	Providence Care Centre (St. Mary's of the Lake)	South East	South East	54	30.7 (19)	80.2 (83.5)	101.7 (113.5)	21.6 (21)	0.5 (0.4)	52.3 (49)
3990	Quinte Healthcare Corporation (Belleville)	South East	South East	59	13.8 (8)	78.7 (79)	99.9 (106.5)	21.2 (19.5)	0.7 (0.6)	35.7 (32)
4647	Brockville General Hospital (St. Vincent de Paul)	South East	South East	15	12.7 (9)	81.0 (87)	100.9 (109)	19.9 (14)	0.5 (0.4)	38.7 (31)
3612	Stratford General Hospital	South West	Southwest	51	7.8 (5)	72.8 (67)	91.4 (104)	18.6 (13)	0.7 (0.5)	38.7 (36)
3846	Windsor Regional Hospital (Western Site)	Erie St. Clair	Southwest	100	22.1 (17)	73.8 (70)	94.2 (103)	20.1 (18)	0.6 (0.5)	37.1 (34)
3884	St. Joseph's Health Care (London - Parkwood)	South West	Southwest	163	17.7 (12)	79.4 (79)	104.0 (111)	24.4 (22)	0.7 (0.7)	35.5 (31)
3892	St. Joseph's Care Group	South West	Southwest	**	18.0 (18)	28.0 (28)	-	-	-	18.0 (18)
3897	Wingham & District Hospital	South West	Southwest	**	28.0 (19)	82.7 (90)	103.7 (103)	21.0 (21)	1.1 (1.2)	29.3 (25)
3916	St. Joseph's Health Care (London - Parkwood)	South West	Southwest	6	45.3 (49)	67.3 (51)	98.2 (111.5)	30.8 (18)	0.7 (0.5)	59.7 (45.5)
3946	Grey Bruce Health Services (Owen Sound)	Erie St. Clair	Southwest	55	18.0 (10)	62.7 (62)	95.1 (99)	29.4 (25)	1.2 (1.0)	32.0 (28)
4149	Hôtel-Dieu Grace Hospital (St. Joseph)	South West	Southwest	45	10.9 (8)	69.8 (76)	87.6 (91)	17.8 (15)	2.5 (2.5)	6.5 (5)
4162	St. Thomas-Elgin General Hospital	Erie St. Clair	Southwest	18	11.5 (6)	86.4 (88)	99.9 (104)	13.5 (13)	1.2 (1.2)	11.3 (9.5)
4361	St. Joseph's Health Services Association of Chatham	Erie St. Clair	Southwest	73	8.7 (7)	75.3 (75)	101.1 (106)	25.7 (27)	1.2 (1.1)	25.8 (22)
1337	St. John's Rehabilitation Hospital	Central	Toronto - North & East	75	15.2 (13)	87.8 (88.5)	108.5 (111)	20.2 (19)	0.8 (0.7)	29.4 (26)
3439	Baycrest Hospital (North York)	Toronto Central	Toronto - North & East	22	22.0 (18)	80.8 (81)	101.7 (103.5)	18.6 (20)	0.5 (0.5)	34.7 (35)
4155	Scarborough Hospital (General)	Central East	Toronto - North & East	30	10.7 (9)	76.8 (80)	86.9 (84.5)	10.1 (8.5)	1.2 (1.2)	10.3 (7.5)
4273	Sunnybrook Health Sciences Centre	Toronto Central	Toronto - North & East	**	15.0 (15)	109.0 (109)	117.0 (117)	8.0 (8)	1.0 (1.0)	8.0 (8)
1355	Providence Healthcare	Toronto Central	Toronto - Southeast	143	15.5 (12)	79.9 (79)	100.6 (108)	20.6 (20)	0.8 (0.8)	26.1 (30)
1436	Bridgepoint Hospital	Toronto Central	Toronto - Southeast	108	17.1 (13.5)	84.7 (86)	104.3 (112)	19.6 (16)	0.4 (0.4)	48.5 (50.5)
3941	Rouge Valley Health System (Centenary)	Central East	Toronto - Southeast	25	9.4 (8)	78.8 (80)	99.7 (108)	20.8 (21)	1.1 (0.8)	25.8 (23)
4151	Rouge Valley Health System (Ajax)	Central East	Toronto - Southeast	21	12.0 (9)	82.2 (79)	107.4 (112)	25.2 (27)	1.1 (1.1)	23.7 (22)

EXHIBIT 5.9S-2 continued

Group/Subgroup				Admission to rehabilitation ¹ , N	Days from stroke onset to admission, mean (median)	Admission FIM score, mean (median)	Discharge FIM score, mean (median)	Change in FIM score, mean (median)	FIM efficiency ² , mean (median)	Length of stay ³ in days, mean (median)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region							
4279	Toronto East General Hospital	Toronto Central	Toronto - Southeast	**	20.3 (15)	100.7 (101)	115.3 (119)	14.7 (19)	1.6 (2.1)	9.0 (9)
3950	Toronto Rehabilitation Institute (Hillcrest)	Toronto Central	Toronto - West	161	27.1 (15)	80.2 (82)	105.4 (109)	23.8 (22)	0.5 (0.5)	45.9 (41)
4293	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	6	12.8 (11)	94 (96.5)	108.8 (110)	14.8 (14)	1.1 (1.0)	16.8 (13.5)
1471	West Park Healthcare Centre (York)	Toronto Central	West GTA	102	21.2 (15)	81.7 (83)	102.9 (107)	19.2 (18)	0.5 (0.5)	41.0 (36)
3288	Credit Valley Hospital	Mississauga Halton	West GTA	57	12.2 (9)	70.1 (72)	94.6 (105)	24.5 (26)	1.2 (1.2)	23.5 (22)
4136	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	70	15.8 (11)	64.5 (65.5)	94.5 (105)	26.3 (25)	0.8 (0.7)	45.7 (39)
4150	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	155	10.3 (7)	71.6 (72)	98.7 (104)	23.8 (22)	1.6 (1.2)	26.5 (19)
4277	William Osler Health System (Etobicoke)	Central West	West GTA	18	22.1 (17.5)	69.4 (72)	85.4 (93)	16.0 (11.5)	0.3 (0.2)	81.0 (89)
4684	William Osler Health System (Civic)	Central West	West GTA	71	25.4 (12)	86.0 (87)	106.5 (110.5)	20.5 (20)	0.5 (0.5)	41.2 (42)

Group/Subgroup				Home without services ⁴ , n (%)	Home with services ⁴ , n (%)	Other community services ⁴ , n (%)	Long-term care facility ⁴ , n (%)	Acute care facility ⁴ , n (%)	Died ⁴ , n (%)	Unavailable/unknown ⁴ , n (%)
Ontario ⁵				971 (30.1)	1,398 (43.3)	196 (6.1)	327 (10.1)	260 (8.1)	10 (0.3)	67 (2.1)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region							
2771	Southlake Regional Health Centre	Central	Central East	8 (10.7)	41 (54.7)	**	16 (21.3)	7 (9.3)	-	-
3507	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	24 (42.1)	7 (12.3)	**	**	21 (36.8)	**	-
3617	Peterborough Regional Health Centre	Central East	Central East	**	45 (72.6)	**	**	**	-	-
3858	Mackenzie Health	Central	Central East	15 (38.5)	15 (38.5)	**	**	**	-	-
3934	Lakeridge Health Corporation (Oshawa)	Central East	Central East	26 (27.7)	42 (44.7)	9 (9.6)	15 (16.0)	**	-	-
4307	Markham Stouffville Hospital	Central East	Central East	14 (48.3)	9 (31.0)	**	**	**	-	-
4450	Northumberland Hills Hospital	Central East	Central East	**	21 (60.0)	**	**	**	-	-
4483	Ross Memorial Hospital	Central East	Central East	**	19 (70.4)	**	**	-	-	-
4688	Orillia Soldiers' Memorial Hospital	North Simcoe Muskoka	Central East	14 (63.6)	**	**	**	-	-	-
4705	Georgian Bay General Hospital (Penetanguishene)	North Simcoe Muskoka	Central East	15 (35.7)	15 (35.7)	**	6 (14.3)	6 (14.3)	-	-
1912	Grand River Hospital Corp (Freeport)	Waterloo Wellington	Central South	8 (8.4)	62 (65.3)	12 (12.6)	**	6 (6.3)	**	-
3155	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	7 (43.8)	7 (43.8)	**	-	**	-	-
3736	Grand River Hospital Corp (Waterloo)	Waterloo Wellington	Central South	**	**	**	-	**	-	-
3778	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	**	29 (72.5)	8 (20.0)	-	**	-	-
3880	Hamilton Health Sciences Corp (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	**	**	**	-	-	-	-
3881	Hamilton Health Sciences Corp (Chedoke)	Hamilton Niagara Haldimand Brant	Central South	14 (58.3)	**	**	**	**	-	-
3912	St. Joseph's Health Centre (Guelph)	Hamilton Niagara Haldimand Brant	Central South	14 (29.2)	18 (37.5)	**	9 (18.8)	**	-	-
4342	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	18 (21.4)	42 (50.0)	8 (9.5)	9 (10.7)	**	-	**
4595	Religious Hospitalers of St. Joseph (Hotel Dieu)	Hamilton Niagara Haldimand Brant	Central South	28 (25.5)	62 (56.4)	6 (5.5)	12 (10.9)	**	-	-
4678	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	9 (16.7)	25 (46.3)	14 (25.9)	**	**	-	-
4711	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	19 (35.2)	16 (29.6)	6 (11.1)	8 (14.8)	**	-	-
3782	Bruyère Continuing Care Inc.	Champlain	Champlain	60 (50.4)	39 (32.8)	10 (8.4)	**	**	-	-
4299	Pembroke Regional Hospital Inc.	Champlain	Champlain	21 (44.7)	17 (36.2)	**	-	8 (17.0)	-	-
4429	Ottawa Hospital (Rehab Centre)	Champlain	Champlain	**	**	**	-	**	-	-
4461	Hôpital Montfort	Champlain	Champlain	**	**	**	-	-	-	7 (46.7)
4470	Cornwall Community Hospital (General)	Champlain	Champlain	**	10 (31.3)	**	**	14 (43.8)	-	-
4584	Queensway-Carleton Hospital	Champlain	Champlain	10 (37.0)	7 (25.9)	**	**	**	-	**
4695	Ottawa Hospital (General)	Champlain	Champlain	6 (42.9)	7 (50.0)	**	-	**	-	-
4733	North Bay Regional Health Centre	North East	Northeast	**	17 (58.6)	**	-	7 (24.1)	-	-
3416	Timmins & District General Hospital	North East	Northeast	**	13 (50.0)	**	**	**	-	-
4061	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	18 (24.3)	35 (47.3)	**	7 (9.5)	12 (16.2)	-	-
4409	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	**	34 (66.7)	**	6 (11.8)	9 (17.6)	**	-
4592	West Parry Sound Health Centre	North East	Northeast	**	**	**	-	**	-	-
3891	St. Joseph's Care Group	North West	Northwest	43 (42.2)	35 (34.3)	**	**	20 (19.6)	**	**
2223	Providence Care Centre (St. Mary's of the Lake)	South East	South East	7 (13.0)	38 (70.4)	**	**	**	-	-
3990	Quinte Healthcare Corporation (Belleville)	South East	South East	11 (20.4)	27 (50.0)	**	**	8 (14.8)	-	-
4647	Brockville General Hospital (St. Vincent de Paul)	South East	South East	**	9 (60.0)	**	**	-	-	-
3612	Stratford General Hospital	South West	Southwest	**	22 (47.8)	**	12 (26.1)	**	**	-
3846	Windsor Regional Hospital (Western Site)	Erie St. Clair	Southwest	12 (13.3)	48 (53.3)	11 (12.2)	14 (15.6)	**	-	**
3884	St. Joseph's Health Care (London - Parkwood)	South West	Southwest	128 (78.5)	**	10 (6.1)	10 (6.1)	14 (8.6)	-	-

EXHIBIT 5.9S-2 *continued*

Group/Subgroup				Home without services ⁴ , n (%)	Home with services ⁴ , n (%)	Other community services ⁴ , n (%)	Long-term care facility ⁴ , n (%)	Acute care facility ⁴ , n (%)	Died ⁴ , n (%)	Unavailable/unknown ⁴ , n (%)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region							
3892	St. Joseph's Care Group	South West	Southwest	-	-	-	-	-	-	-
3897	Wingham & District Hospital	South West	Southwest	-	**	-	-	**	-	-
3916	St. Joseph's Health Care (London - Parkwood)	South West	Southwest	**	**	-	**	**	-	-
3946	Grey Bruce Health Services (Owen Sound)	Erie St. Clair	Southwest	**	36 (70.6)	-	8 (15.7)	7 (13.7)	-	-
4149	Hôtel-Dieu Grace Hospital (St. Joseph)	South West	Southwest	**	**	-	**	**	-	18 (62.1)
4162	St. Thomas-Elgin General Hospital	Erie St. Clair	Southwest	-	9 (90.0)	**	-	-	-	-
4361	St. Joseph's Health Services Association of Chatham	Erie St. Clair	Southwest	18 (25.0)	31 (43.1)	9 (12.5)	6 (8.3)	**	-	**
1337	St. John's Rehabilitation Hospital	Central	Toronto - North & East	41 (56.9)	26 (36.1)	**	-	**	-	-
3439	Baycrest Hospital (North York)	Toronto Central	Toronto - North & East	**	16 (72.7)	-	**	**	-	-
4155	Scarborough Hospital (General)	Central East	Toronto - North & East	**	**	-	-	-	-	25 (89.3)
4273	Sunnybrook Health Sciences Centre	Toronto Central	Toronto - North & East	-	**	-	-	-	-	-
1355	Providence Healthcare	Toronto Central	Toronto - Southeast	37 (26.4)	44 (31.4)	**	54 (38.6)	**	**	-
1436	Bridgepoint Hospital	Toronto Central	Toronto - Southeast	61 (61.0)	28 (28.0)	**	**	6 (6.0)	-	-
3941	Rouge Valley Health System (Centenary)	Central East	Toronto - Southeast	7 (29.2)	10 (41.7)	**	**	-	-	-
4151	Rouge Valley Health System (Ajax)	Central East	Toronto - Southeast	**	18 (85.7)	-	**	**	-	-
4279	Toronto East General Hospital	Toronto Central	Toronto - Southeast	**	**	-	-	-	-	-
3950	Toronto Rehabilitation Institute (Hillcrest)	Toronto Central	Toronto - West	111 (74.0)	13 (8.7)	9 (6.0)	10 (6.7)	6 (4.0)	**	-
4293	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	**	**	-	-	-	-	-
1471	West Park Healthcare Centre (York)	Toronto Central	West GTA	37 (36.6)	45 (44.6)	**	11 (10.9)	**	-	-
3288	Credit Valley Hospital	Mississauga Halton	West GTA	**	38 (66.7)	**	11 (19.3)	**	-	-
4136	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	17 (27.9)	29 (47.5)	7 (11.5)	6 (9.8)	**	**	-
4150	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	11 (7.3)	102 (68.0)	8 (5.3)	12 (8.0)	16 (10.7)	**	-
4277	William Osler Health System (Etobicoke)	Central West	West GTA	-	9 (60.0)	-	**	**	-	-
4684	William Osler Health System (Civic)	Central West	West GTA	15 (22.7)	47 (71.2)	**	**	**	-	-

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD) and National Rehabilitation Reporting System (NRS), 2009/10.

Inclusion criteria: All patients aged ≥18 years with a diagnosis of stroke (using ICD-10 codes) discharged from an acute care hospital to inpatient rehabilitation and classified as Rehabilitation Client Group (RCG) 1 (Stroke) and RCG 2 (Brain Dysfunction) in the NRS database.

- 1 Patients discharged from an acute care hospital with a diagnosis of stroke and admitted to a rehabilitation hospital as an inpatient in the same fiscal year.
 - 2 FIM efficiency is the change in total FIM score divided by total length of stay; it provides information on the average amount of functional recovery per day of inpatient rehabilitation.
 - 3 Length of stay refers to the total time spent in inpatient rehabilitation and is calculated using the admission and discharge dates in the NRS database (LOS = discharge date - admission date).
 - 4 Among patients discharged alive from an acute care facility and admitted to inpatient rehabilitation (N = 3,229 in 2009/10).
 - 5 Based on unique patients (i.e., does not include multiple patient-visits).
- ** Cell value suppressed for reasons of privacy and confidentiality.

Notes:

- (1) Facility-based analysis (i.e., the location of the facility is used to report regional performance).
- (2) Cells in which there were no reported/available data are marked with a hyphen (-).

FIM = Functional Independence Measure.

EXHIBIT 5.9S-3 Characteristics of adult stroke patients in inpatient rehabilitation, in Ontario and by National Rehabilitation Reporting System facility number and name, 2010/11

Group/Subgroup				Admission to rehabilitation ¹ , N	Days from stroke onset to admission, mean (median)	Admission FIM score, mean (median)	Discharge FIM score, mean (median)	Change in FIM score, mean (median)	FIM efficiency ² , mean (median)	Length of stay ³ in days, mean (median)
Ontario⁵				3,544	16.0 (10)	76.4 (78)	100.4 (108)	22.6 (21)	0.9 (0.7)	33.5 (28)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region							
2771	Southlake Regional Health Centre	Central	Central East	43	12.7 (9)	72.7 (76)	97.8 (107)	24.7 (25)	1.1 (1.1)	32.4 (28.5)
3507	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	49	7.7 (6)	63.5 (62)	100.6 (104.5)	29.5 (27)	2.0 (1.4)	26.1 (17)
3617	Peterborough Regional Health Centre	Central East	Central East	44	9.3 (7)	77.0 (79)	98.2 (101)	21.4 (20)	1.0 (0.8)	27.7 (23)
3858	Mackenzie Health	Central	Central East	36	16.6 (11.5)	82.1 (82.5)	101.4 (108)	19.0 (18)	0.8 (0.7)	23.8 (20)
3934	Lakeridge Health Corporation (Oshawa)	Central East	Central East	157	7.9 (7)	65.4 (66)	87.7 (97)	21.6 (20)	1.1 (1.1)	22.2 (17)
4307	Markham Stouffville Hospital	Central East	Central East	41	12.4 (8)	72.3 (71.5)	95.0 (107)	20.3 (20)	1.1 (1.0)	23.9 (20)
4450	Northumberland Hills Hospital	Central East	Central East	30	9.0 (6)	73.1 (75)	97.4 (108)	23.6 (24)	0.9 (0.9)	32.4 (28)
4483	Ross Memorial Hospital	Central East	Central East	43	11.0 (8)	74.8 (76)	104.7 (107.5)	28.1 (25)	1.1 (0.9)	30.5 (21)
4688	Orillia Soldiers' Memorial Hospital	North Simcoe Muskoka	Central East	23	12.1 (10)	72.7 (74)	109.8 (115)	29.9 (28)	1.1 (0.9)	28.9 (21)
4705	Georgian Bay General Hospital (Penetanguishene)	North Simcoe Muskoka	Central East	48	16.9 (11.5)	85.0 (89)	108.7 (118)	23.0 (22)	1.1 (0.9)	25.1 (20)
1912	Grand River Hospital Corp (Freeport)	Waterloo Wellington	Central South	94	21.3 (11)	82.8 (81.5)	103.4 (107)	20.3 (19)	0.7 (0.7)	39.5 (30)
3155	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	28	14.5 (13)	83.4 (82.5)	104.1 (110)	18.0 (15.5)	0.8 (0.8)	25.0 (24.5)
3778	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	27	7.8 (7)	74.2 (78)	99.5 (103)	22.5 (18)	1.1 (0.9)	31.6 (21)
3880	Hamilton Health Sciences Corp (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	**	17.6 (13)	89.4 (87)	111.0 (114)	21.6 (26)	0.9 (0.9)	22.6 (20)
3912	St. Joseph's Health Centre (Guelph)	Waterloo Wellington	Central South	43	12.6 (9)	78.9 (84)	103.8 (110)	24.2 (23)	0.9 (0.8)	31.8 (30)
4342	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	90	14.4 (10.5)	76.1 (76)	101.6 (108)	21.2 (18)	0.8 (0.8)	28.1 (23)
4595	Religious Hospitallers of St. Joseph (Hotel Dieu)	Hamilton Niagara Haldimand Brant	Central South	160	16.9 (11)	78.2 (81)	108.7 (115)	29.3 (28)	1.0 (0.9)	35.2 (35)
4678	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	49	13.9 (9)	69.8 (69)	103.5 (107.5)	32.3 (34.5)	1.3 (1.0)	35.9 (29)
4711	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	117	20.4 (13)	62.7 (61)	94.7 (105)	28.9 (28)	0.9 (0.9)	42.5 (33)
4720	Cambridge Memorial Hospital	Waterloo Wellington	Central South	23	12.4 (10)	72.8 (79)	91.8 (110)	17.9 (20)	0.8 (0.8)	24.4 (18)
3782	Bruyère Continuing Care Inc.	Champlain	Champlain	117	34.3 (19)	73.1 (71)	101.8 (108)	28.7 (26)	0.7 (0.7)	47.1 (41)
4299	Pembroke Regional Hospital Inc.	Champlain	Champlain	57	19.6 (7)	83.3 (86.5)	104.3 (116)	19.9 (12)	0.8 (0.7)	29.1 (19)
4429	Ottawa Hospital (Rehab Centre)	Champlain	Champlain	**	63.3 (60)	71.7 (70)	96.7 (96)	25.0 (16)	0.2 (0.1)	131.3 (119)
4461	Hôpital Montfort	Champlain	Champlain	12	6.8 (7.5)	77.5 (79.5)	98.8 (100)	19.0 (15)	1.2 (1.0)	16.5 (14.5)
4470	Cornwall Community Hospital (General)	Champlain	Champlain	21	19.5 (15)	86.3 (95)	101.9 (114)	15.6 (14)	0.6 (0.5)	26.8 (27)
4584	Queensway-Carleton Hospital	Champlain	Champlain	27	10.4 (7)	84.1 (85)	100.8 (104)	16.7 (15)	1.8 (1.4)	12.6 (11)
4695	Ottawa Hospital (General)	Champlain	Champlain	35	11.9 (8)	101.0 (102.5)	113.7 (115)	12.8 (11)	1.0 (0.9)	14.1 (15)
4722	Glengarry Memorial Hospital	Champlain	Champlain	11	18.5 (11)	80.1 (94)	99.4 (113)	19.3 (9)	0.5 (0.3)	35.3 (31)
4733	North Bay Regional Health Centre	North East	Northeast	40	23.3 (20.5)	84 (87.5)	101.5 (112.5)	17.1 (13.5)	0.6 (0.5)	41.5 (31.5)
3416	Timmins & District General Hospital	North East	Northeast	23	12.1 (6)	82.8 (87)	100.9 (114)	18.1 (14)	1.4 (0.7)	21.9 (15)
4061	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	101	14.3 (11)	83.7 (92)	105.1 (114.5)	21.4 (17)	0.6 (0.6)	37.9 (31)
4409	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	40	16.9 (10.5)	74.4 (78.5)	100.9 (109)	24.6 (22.5)	1.1 (0.8)	36.1 (33.5)
4592	West Parry Sound Health Centre	North East	Northeast	7	21.1 (17)	69.3 (71)	86.0 (93)	16.7 (19)	0.8 (0.9)	23.4 (25)
3891	St. Joseph's Care Group	North West	Northwest	103	18.3 (15)	76.9 (82)	107.4 (114)	25.4 (23)	0.8 (0.7)	44.5 (35)
2223	Providence Care Centre (St. Mary's of the Lake)	South East	South East	56	19.7 (13)	77.0 (82)	99.2 (107)	22.1 (20)	0.5 (0.4)	49.1 (46)
3990	Quinte Healthcare Corporation (Belleville)	South East	South East	67	14.5 (11)	75.2 (78)	102.6 (109)	27 (30)	0.9 (0.8)	37.2 (29)
4647	Brockville General Hospital (St. Vincent de Paul)	South East	South East	22	18.1 (16)	70.8 (73)	92.8 (99)	22.8 (24)	0.6 (0.5)	47.0 (41)
3612	Stratford General Hospital	South West	Southwest	45	10.1 (6)	72.5 (78)	87.2 (105)	14.7 (14)	0.5 (0.4)	32.5 (32)
3846	Windsor Regional Hospital (Western)	Erie St. Clair	Southwest	120	20.6 (17)	68.1 (67)	88.8 (96)	19.1 (18)	0.6 (0.5)	37.1 (34)
3884	St. Joseph's Health Care (London - Parkwood)	South West	Southwest	182	16.8 (11)	76.2 (78)	99.2 (108)	22.8 (21)	0.7 (0.7)	33.3 (29.5)
3897	Wingham & District Hospital	South West	Southwest	**	12.0 (12)	79.0 (79)	77.0 (77)	-2.0 (-2)	0.3 (0.3)	35.0 (35)
3916	St. Joseph's Health Care (London - Parkwood)	South West	Southwest	14	50.8 (45)	58.1 (56.5)	98.5 (113)	38.1 (35)	0.7 (0.7)	66.3 (50)
3946	Grey Bruce Health Services (Owen Sound)	South West	Southwest	63	10.7 (6)	70.1 (74)	98.3 (103.5)	25.7 (24.5)	1.2 (1.0)	29.3 (22)
4149	Hôtel-Dieu Grace Hospital (St. Joseph)	Erie St. Clair	Southwest	16	7.7 (6)	81.1 (84)	102.6 (105.5)	15.0 (20)	2.3 (2.2)	4.9 (3.5)
4162	St. Thomas-Elgin General Hospital	South West	Southwest	25	7.5 (6)	80.6 (79)	98.3 (107)	17.7 (17)	1.2 (1.1)	15.6 (11)
4361	St. Joseph's Health Services Association of Chatham	Erie St. Clair	Southwest	83	10.2 (8)	72.0 (72.5)	90.1 (99)	18.1 (18)	0.9 (0.8)	25.6 (22)
4417	Bluewater Health (Sarnia)	Erie St. Clair	Southwest	59	7.1 (7)	71.8 (73.5)	99.4 (108)	26.8 (26)	1.0 (0.9)	32.8 (28)
4649	South Huron Hospital	South West	Southwest	**	7.5 (7.5)	56.0 (56)	74.0 (74)	18.0 (18)	2.2 (2.2)	11.0 (11)
1337	St. John's Rehabilitation Hospital	Central	Toronto - North & East	132	13.0 (10)	88.1 (90)	108.6 (111)	20.2 (20)	0.7 (0.7)	31.5 (28)
3439	Baycrest Hospital (North York)	Toronto Central	Toronto - North & East	23	13.3 (12)	89.9 (85)	106.0 (108)	15.3 (19)	0.4 (0.5)	31.7 (30)
4155	Scarborough Hospital (General)	Central East	Toronto - North & East	26	9.6 (8)	69.5 (73)	78.9 (78)	9.8 (9)	1.7 (1.5)	11.8 (6)
1355	Providence Healthcare	Toronto Central	Toronto - Southeast	128	14.3 (11)	80.0 (79)	101.1 (107)	20.4 (20)	0.9 (0.8)	26.0 (28)
1436	Bridgepoint Hospital	Toronto Central	Toronto - Southeast	102	14.2 (11.5)	85.8 (87)	105.9 (112.5)	20.1 (18)	0.5 (0.5)	45.2 (42)
3941	Rouge Valley Health System (Centenary)	Central East	Toronto - Southeast	31	7.6 (7)	82.2 (83)	104.7 (112)	22.5 (21)	1.3 (1.1)	24.4 (23)
4151	Rouge Valley Health System (Ajax)	Central East	Toronto - Southeast	13	11.5 (12)	72.0 (76)	96.3 (104)	22.5 (23)	0.9 (1.0)	22.2 (24)

EXHIBIT 5.9S-3 continued

Group/Subgroup				Admission to rehabilitation ¹ , N	Days from stroke onset to admission, mean (median)	Admission FIM score, mean (median)	Discharge FIM score, mean (median)	Change in FIM score, mean (median)	FIM efficiency ² , mean (median)	Length of stay ³ in days, mean (median)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region							
3950	Toronto Rehabilitation Institute (Hillcrest)	Toronto Central	Toronto - West	161	25.4 (15)	78.9 (79)	104.1 (109)	24.0 (21)	0.7 (0.6)	42.1 (36)
4293	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	**	19.5 (22)	73.5 (73)	83.8 (98)	10.3 (24)	0.7 (1.3)	23.5 (21.5)
1471	West Park Healthcare Centre (York)	Toronto Central	West GTA	106	17.7 (15)	76.9 (78)	100.7 (104.5)	21.6 (21)	0.6 (0.6)	40.0 (35)
3288	Credit Valley Hospital	Mississauga Halton	West GTA	45	13.7 (11)	73.2 (72)	97.6 (102)	24.3 (27)	1.0 (1.0)	27.0 (26)
4136	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	18	7.8 (7.5)	72.0 (77.5)	97.6 (98)	22.2 (18.5)	0.6 (0.7)	33.3 (33)
4150	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	151	15.3 (8)	73.3 (76)	99.2 (102)	22.7 (20)	1.3 (0.9)	24.3 (21)
4277	William Osler Health System (Etobicoke)	Central West	West GTA	17	20.8 (19)	70.2 (66)	88.6 (97)	18.4 (14)	0.3 (0.2)	70.0 (55)
4684	William Osler Health System (Civic)	Central West	West GTA	84	18.1 (12)	80.8 (81)	105.5 (110)	23.7 (25)	0.6 (0.5)	45.2 (50)

Group/Subgroup				Home without services ⁴ , n (%)	Home with services ⁴ , n (%)	Other community services ⁴ , n (%)	Long-term care facility ⁴ , n (%)	Acute care facility ⁴ , n (%)	Died ⁴ , n (%)	Unavailable/unknown ⁴ , n (%)
Ontario ⁵				1,065 (32.1)	1,365 (41.2)	241 (7.3)	331 (10)	253 (7.6)	22 (0.7)	36 (1.1)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region							
2771	Southlake Regional Health Centre	Central	Central East	8 (20.0)	23 (57.5)	**	6 (15.0)	**	-	-
3507	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	26 (55.3)	**	**	**	12 (25.5)	-	-
3617	Peterborough Regional Health Centre	Central East	Central East	**	25 (59.5)	7 (16.7)	**	**	-	-
3858	Mackenzie Health	Central	Central East	14 (41.2)	16 (47.1)	**	-	**	**	-
3934	Lakeridge Health Corporation (Oshawa)	Central East	Central East	37 (28.0)	57 (43.2)	11 (8.3)	17 (12.9)	10 (7.6)	-	-
4307	Markham Stouffville Hospital	Central East	Central East	16 (47.1)	11 (32.4)	**	**	**	**	-
4450	Northumberland Hills Hospital	Central East	Central East	**	13 (46.4)	**	**	**	**	-
4483	Ross Memorial Hospital	Central East	Central East	-	29 (76.3)	**	**	**	**	-
4688	Orillia Soldiers' Memorial Hospital	North Simcoe Muskoka	Central East	**	6 (33.3)	**	**	**	-	-
4705	Georgian Bay General Hospital (Penetanguishene)	North Simcoe Muskoka	Central East	18 (41.9)	15 (34.9)	**	**	**	-	-
1912	Grand River Hospital Corp (Freeport)	Waterloo Wellington	Central South	6 (6.7)	53 (59.6)	18 (20.2)	**	**	-	-
3155	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	8 (32.0)	11 (44.0)	**	**	**	-	-
3778	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	**	22 (88.0)	**	-	**	-	-
3880	Hamilton Health Sciences Corp (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	-	**	**	-	**	-	-
3912	St. Joseph's Health Centre (Guelph)	Waterloo Wellington	Central South	13 (31.7)	15 (36.6)	6 (14.6)	**	**	-	-
4342	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	**	64 (79.0)	**	6 (7.4)	**	**	-
4595	Religious Hospitaliers of St. Joseph (Hotel Dieu)	Hamilton Niagara Haldimand Brant	Central South	51 (32.3)	80 (50.6)	**	15 (9.5)	**	**	-
4678	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	14 (28.6)	22 (44.9)	7 (14.3)	**	**	-	-
4711	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	46 (41.1)	25 (22.3)	10 (8.9)	20 (17.9)	9 (8.0)	**	-
4720	Cambridge Memorial Hospital	Waterloo Wellington	Central South	7 (30.4)	**	**	**	**	**	-
3782	Bruyère Continuing Care Inc.	Champlain	Champlain	67 (58.3)	17 (14.8)	18 (15.7)	11 (9.6)	**	-	-
4299	Pembroke Regional Hospital Inc.	Champlain	Champlain	16 (29.1)	21 (38.2)	6 (10.9)	-	12 (21.8)	-	-
4429	Ottawa Hospital (Rehab Centre)	Champlain	Champlain	-	**	**	-	-	-	-
4461	Hôpital Montfort	Champlain	Champlain	**	**	**	**	**	**	**
4470	Cornwall Community Hospital (General)	Champlain	Champlain	**	10 (47.6)	-	**	**	-	-
4584	Queensway-Carleton Hospital	Champlain	Champlain	10 (47.6)	**	**	**	**	-	**
4695	Ottawa Hospital (General)	Champlain	Champlain	17 (54.8)	9 (29.0)	**	**	**	-	-
4722	Glengarry Memorial Hospital	Champlain	Champlain	**	**	-	-	**	-	-
4733	North Bay Regional Health Centre	North East	Northeast	**	26 (65.0)	**	**	8 (20.0)	**	-
3416	Timmins & District General Hospital	North East	Northeast	11 (47.8)	6 (26.1)	-	**	**	-	-
4061	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	37 (36.6)	38 (37.6)	**	**	19 (18.8)	-	-
4409	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	**	22 (64.7)	-	**	9 (26.5)	-	-
4592	West Parry Sound Health Centre	North East	Northeast	**	**	-	-	**	-	-
3891	St. Joseph's Care Group	North West	Northwest	18 (18.8)	50 (52.1)	**	6 (6.3)	17 (17.7)	-	-
2223	Providence Care Centre (St. Mary's of the Lake)	South East	South East	**	33 (62.3)	**	**	**	**	-
3990	Quinte Healthcare Corporation (Belleville)	South East	South East	21 (33.9)	23 (37.1)	7 (11.3)	6 (9.7)	**	-	-
4647	Brockville General Hospital (St. Vincent de Paul)	South East	South East	-	13 (81.3)	**	-	**	-	-
3612	Stratford General Hospital	South West	Southwest	**	19 (45.2)	**	13 (31.0)	**	**	-
3846	Windsor Regional Hospital (Western)	Erie St. Clair	Southwest	11 (10.0)	68 (61.8)	11 (10.0)	11 (10.0)	**	**	**
3884	St. Joseph's Health Care (London - Parkwood)	South West	Southwest	124 (70.5)	-	8 (4.5)	23 (13.1)	20 (11.4)	-	**

EXHIBIT 5.9S-3 *continued*

Group/Subgroup				Home without services ⁴ , n (%)	Home with services ⁴ , n (%)	Other community services ⁴ , n (%)	Long-term care facility ⁴ , n (%)	Acute care facility ⁴ , n (%)	Died ⁴ , n (%)	Unavailable/unknown ⁴ , n (%)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region							
3897	Wingham & District Hospital	South West	Southwest	**	-	-	**	-	-	-
3916	St. Joseph's Health Care (London - Parkwood)	South West	Southwest	7 (58.3)	**	-	**	**	-	-
3946	Grey Bruce Health Services (Owen Sound)	South West	Southwest	**	37 (68.5)	-	11 (20.4)	**	**	-
4149	Hôtel-Dieu Grace Hospital (St. Joseph)	Erie St. Clair	Southwest	-	**	**	**	**	-	-
4162	St. Thomas-Elgin General Hospital	South West	Southwest	-	15 (83.3)	**	**	-	-	-
4361	St. Joseph's Health Services Association of Chatham	Erie St. Clair	Southwest	13 (16.0)	34 (42.0)	12 (14.8)	13 (16.0)	**	-	6 (7.4)
4417	Bluewater Health (Sarnia)	Erie St. Clair	Southwest	21 (36.8)	16 (28.1)	**	14 (24.6)	**	-	**
4649	South Huron Hospital	South West	Southwest	-	**	-	**	-	-	-
1337	St. John's Rehabilitation Hospital	Central	Toronto - North & East	85 (64.9)	39 (29.8)	**	**	**	-	-
3439	Baycrest Hospital (North York)	Toronto Central	Toronto - North & East	9 (47.4)	8 (42.1)	**	-	**	-	-
4155	Scarborough Hospital (General)	Central East	Toronto - North & East	**	**	-	-	**	-	18 (72.0)
1355	Providence Healthcare	Toronto Central	Toronto - Southeast	34 (27.2)	49 (39.2)	7 (5.6)	29 (23.2)	**	**	-
1436	Bridgepoint Hospital	Toronto Central	Toronto - Southeast	57 (62.0)	22 (23.9)	**	**	6 (6.5)	**	-
3941	Rouge Valley Health System (Centenary)	Central East	Toronto - Southeast	9 (31.0)	13 (44.8)	**	**	-	-	-
4151	Rouge Valley Health System (Ajax)	Central East	Toronto - Southeast	**	6 (50.0)	**	**	-	-	-
3950	Toronto Rehabilitation Institute (Hillcrest)	Toronto Central	Toronto - West	117 (74.1)	18 (11.4)	6 (3.8)	14 (8.9)	**	**	-
4293	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	**	**	-	-	**	-	-
1471	West Park Healthcare Centre (York)	Toronto Central	West GTA	42 (41.2)	40 (39.2)	**	12 (11.8)	**	-	-
3288	Credit Valley Hospital	Mississauga Halton	West GTA	**	28 (63.6)	**	**	**	-	**
4136	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	**	**	**	-	**	-	-
4150	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	8 (5.6)	92 (64.8)	9 (6.3)	15 (10.6)	17 (12.0)	**	-
4277	William Osler Health System (Etobicoke)	Central West	West GTA	-	7 (53.8)	-	**	**	-	-
4684	William Osler Health System (Civic)	Central West	West GTA	9 (11.1)	58 (71.6)	**	6 (7.4)	**	**	-

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD) and National Rehabilitation Reporting System (NRS), 2010/11.

Inclusion criteria: All patients aged ≥18 years with a diagnosis of stroke (using ICD-10 codes) discharged from an acute care hospital to inpatient rehabilitation and classified as Rehabilitation Client Group (RCG) 1 (Stroke) and RCG 2 (Brain Dysfunction) in the NRS database.

- 1 Patients discharged from an acute care hospital with a diagnosis of stroke and admitted to a rehabilitation hospital as an inpatient in the same fiscal year.
 - 2 FIM efficiency is the change in total FIM score divided by total length of stay; it provides information on the average amount of functional recovery per day of inpatient rehabilitation.
 - 3 Length of stay refers to the total time spent in inpatient rehabilitation and is calculated using the admission and discharge dates in the NRS database (LOS = discharge date - admission date).
 - 4 Among patients discharged alive from an acute care facility and admitted to inpatient rehabilitation (N = 3,313 in 2010/11).
 - 5 Based on unique patients (i.e., does not include multiple patient-visits).
- ** Cell value suppressed for reasons of privacy and confidentiality.

Notes:

- (1) Facility-based analysis (i.e., the location of the facility is used to report regional performance).
- (2) Cells in which there were no reported/available data are marked with a hyphen (-).

FIM = Functional Independence Measure.

EXHIBIT 5.9S-4 Characteristics of adult stroke patients in inpatient rehabilitation, in Ontario and by National Rehabilitation Reporting System facility number and name, 2011/12

Group/Subgroup				Admission to rehabilitation ¹ , N	Days from stroke onset to admission, mean (median)	Admission FIM score, mean (median)	Discharge FIM score, mean (median)	Change in FIM score, mean (median)	FIM efficiency ² , mean (median)	Length of stay ³ in days, mean (median)
Ontario⁵				3,573	16.8 (10)	74.7 (77)	99.6 (107)	22.5 (21)	0.9 (0.7)	32.3 (28)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region							
2771	Southlake Regional Health Centre	Central	Central East	-	-	-	-	-	-	-
3507	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	93	8.0 (6)	62.6 (60.5)	100.5 (106.5)	24.6 (20.5)	1.9 (1.5)	19.4 (14)
3617	Peterborough Regional Health Centre	Central East	Central East	47	17.0 (9)	75.3 (80)	99.3 (106)	21.7 (19)	1.3 (0.8)	27.7 (23)
3858	Mackenzie Health	Central	Central East	48	21.7 (12)	74.3 (77)	96.1 (98)	21.9 (20.5)	1.0 (0.8)	28.2 (29)
3934	Lakeridge Health Corporation (Oshawa)	Central East	Central East	164	8.7 (6)	60.9 (62)	87.3 (99.5)	23.2 (22.5)	1.1 (0.9)	26.5 (23.5)
4307	Markham Stouffville Hospital	Central East	Central East	54	11.8 (7.5)	69.7 (70.5)	96.1 (108)	22.4 (21)	1.3 (1)	21.3 (15)
4450	Northumberland Hills Hospital	Central East	Central East	40	5.9 (5)	80.1 (86.5)	100.9 (108.5)	17.9 (16.5)	0.9 (0.9)	22.6 (15)
4483	Ross Memorial Hospital	Central East	Central East	34	12.6 (10)	74.3 (79)	95.0 (109)	21.8 (17)	0.8 (0.8)	30 (20)
4688	Orillia Soldiers' Memorial Hospital	North Simcoe Muskoka	Central East	23	13.8 (8)	79.0 (81)	111.1 (114)	29.4 (27)	1.7 (1.1)	33.1 (26)
4705	Georgian Bay General Hospital (Penetanguishene)	North Simcoe Muskoka	Central East	32	22.0 (13.5)	85.5 (93)	105.9 (115.5)	20.4 (20.5)	0.8 (0.7)	34.2 (22)
1912	Grand River Hospital Corp (Freepoint)	Waterloo Wellington	Central South	90	28.1 (11.5)	79.4 (79.5)	102.1 (106)	20.9 (18)	0.8 (0.7)	38.7 (30.5)
3155	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	28	11.8 (9.5)	82.0 (88.5)	109.1 (114)	19.7 (20)	0.9 (0.7)	22.4 (25)
3778	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	30	12.3 (9)	73.2 (70.5)	105.1 (105)	29.4 (28.5)	1.6 (1.2)	24.0 (21)
3880	Hamilton Health Sciences Corp (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	-	12.8 (10.5)	95.3 (95)	108 (106.5)	12.8 (12)	0.6 (0.6)	20.0 (20)
3912	St. Joseph's Health Centre (Guelph)	Waterloo Wellington	Central South	59	17.6 (10)	76.1 (79.5)	97.9 (109)	21.9 (22)	0.8 (0.8)	31.2 (27)
4342	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	-	-	-	-	-	-	-
4595	Religious Hospitaliers of St. Joseph (Hotel Dieu)	Hamilton Niagara Haldimand Brant	Central South	114	19.3 (12)	75.0 (75)	107.9 (115)	29.4 (27)	1.0 (0.8)	39.9 (37.5)
4678	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	63	12.2 (9)	65.8 (63)	101.8 (104.5)	31.8 (31)	0.9 (0.8)	39.4 (30)
4711	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	180	18.0 (12)	67.4 (69)	95.3 (104)	24.9 (22)	0.8 (0.7)	40.7 (35)
4720	Cambridge Memorial Hospital	Waterloo Wellington	Central South	34	16.7 (12)	72.7 (69)	98.2 (100.5)	25.9 (28)	0.9 (0.7)	33.6 (33.5)
3782	Bruyère Continuing Care Inc.	Champlain	Champlain	135	33.9 (20)	74.2 (73)	101.1 (107.5)	25.3 (24)	0.6 (0.6)	42.4 (37)
4299	Pembroke Regional Hospital Inc.	Champlain	Champlain	44	21.8 (8.5)	65.7 (62)	91.7 (102)	23.5 (23)	0.9 (0.9)	34.9 (33)
4429	Ottawa Hospital (Rehab Centre)	Champlain	Champlain	6	45.8 (43.5)	104.0 (107)	115.3 (115.5)	14.5 (12.5)	0.3 (0.3)	44.8 (47)
4461	Hôpital Montfort	Champlain	Champlain	17	11.7 (11)	93.3 (92)	107.6 (112)	14.4 (12)	0.9 (0.8)	15.2 (14)
4470	Cornwall Community Hospital (General)	Champlain	Champlain	20	21.2 (17)	80.5 (76)	90.2 (95)	9.7 (12)	0.6 (0.5)	21.1 (20.5)
4584	Queensway-Carleton Hospital	Champlain	Champlain	35	8.4 (8)	82.5 (89)	97.3 (105)	14.8 (14.5)	1.1 (1)	13.9 (12)
4695	Ottawa Hospital (General)	Champlain	Champlain	26	54.0 (10)	100.4 (101)	115.2 (117)	14.5 (15)	1.1 (1.1)	13.7 (13.5)
4722	Glengarry Memorial Hospital	Champlain	Champlain	36	16.2 (16)	74.1 (77.5)	106.5 (114)	31.6 (29.5)	0.8 (0.9)	38.6 (42)
4733	North Bay Regional Health Centre	North East	Northeast	30	15.8 (11)	82.3 (84)	106.7 (114)	22.0 (20)	0.9 (0.7)	32.1 (19)
3416	Timmins & District General Hospital	North East	Northeast	21	11.1 (7)	85.7 (88)	107.5 (111)	19.1 (22)	1.1 (1)	23.0 (16)
4061	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	99	12.8 (9)	82.7 (89)	105.5 (113)	18.8 (13)	0.5 (0.4)	37.7 (30.5)
4409	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	50	9.9 (9)	72.2 (74.5)	90.5 (99.5)	15.4 (15)	0.7 (0.6)	26.1 (23)
4592	West Parry Sound Health Centre	North East	Northeast	13	13.4 (11)	75.8 (78)	93.8 (95)	18.0 (6)	1.0 (0.6)	21.9 (15)
4741	Hôpital régional de Sudbury Regional Hospital (Memorial)	North East	Northeast	**	39.0 (39)	25.0 (25)	-	-	-	-
3891	St. Joseph's Care Group	North West	Northwest	112	14.6 (10.5)	71.6 (75)	101.2 (108)	23.5 (23)	0.8 (0.7)	35.5 (29.5)
2223	Providence Care Centre (St. Mary's of the Lake)	South East	South East	54	25.0 (21)	74.5 (77)	98.0 (107)	21.3 (20)	0.5 (0.4)	44.7 (42)
3990	Quinte Healthcare Corporation (Belleville)	South East	South East	74	9.7 (6)	73.1 (75.5)	100.6 (105)	27.2 (26)	1.1 (1)	29.1 (25)
4647	Brockville General Hospital (St. Vincent de Paul)	South East	South East	23	15.1 (13)	61.5 (55)	88.1 (90)	21.1 (19)	0.7 (0.6)	33.6 (26)
3612	Stratford General Hospital	South West	Southwest	32	8.8 (7)	58.7 (55)	81.1 (90)	21.9 (16)	0.8 (0.6)	38.2 (23)
3846	Windsor Regional Hospital (Western)	Erie St. Clair	Southwest	98	25.9 (15)	67.1 (69)	85.3 (90)	17.8 (17)	0.5 (0.6)	34.1 (33)
3884	St. Joseph's Health Care (London - Parkwood)	South West	Southwest	185	19.5 (11)	77.7 (78)	102.2 (109)	22.7 (21.5)	0.8 (0.8)	33.0 (27)
3897	Wingham & District Hospital	South West	Southwest	**	20.0 (20)	69.0 (69)	73.0 (73)	4.0 (4)	0.1 (0.1)	40.0 (40)
3916	St. Joseph's Health Care (London - Parkwood)	South West	Southwest	**	52.3 (31)	75.3 (67)	108.7 (113)	33.3 (45)	0.9 (0.8)	47.0 (36)
3946	Grey Bruce Health Services (Owen Sound)	South West	Southwest	56	10.3 (9)	67.8 (69)	88.8 (99.5)	20.7 (17.5)	1.0 (1.1)	24.9 (22)
4149	Hôtel-Dieu Grace Hospital (St. Joseph)	Erie St. Clair	Southwest	23	10.0 (9)	88.2 (91)	105.0 (113)	16.9 (20)	2.4 (1.5)	10.7 (13)
4162	St. Thomas-Elgin General Hospital	South West	Southwest	22	10.8 (7)	78.4 (80)	93.0 (103)	13.6 (16.5)	1.0 (1.1)	16.7 (12)
4361	St. Joseph's Health Services Association of Chatham	Erie St. Clair	Southwest	63	8.9 (7)	78.5 (82)	96.8 (103)	16.7 (19)	0.8 (0.9)	23.8 (20)
4417	Bluewater Health (Sarnia)	Erie St. Clair	Southwest	65	7.9 (6)	79.0 (84)	102.7 (109.5)	22.7 (20.5)	1.0 (0.8)	31.9 (23)
4649	South Huron Hospital	South West	Southwest	**	14.3 (6.5)	60.0 (51.5)	87.7 (91)	23.7 (23)	2.8 (3)	10.0 (10)
1337	St. John's Rehabilitation Hospital	Central	Toronto - North & East	141	12.9 (10)	87.0 (87.5)	108.7 (111)	20.4 (20)	0.7 (0.7)	31.2 (28)
3439	Baycrest Hospital (North York)	Toronto Central	Toronto - North & East	27	16.5 (16)	78.6 (74)	99.7 (100)	16.7 (15.5)	0.5 (0.4)	31.0 (35)
4155	Scarborough Hospital (General)	Central East	Toronto - North & East	31	9.1 (6)	65.4 (70.5)	73.8 (78)	8.7 (10)	1.5 (1.2)	6.4 (6)
1355	Providence Healthcare	Toronto Central	Toronto - Southeast	92	14.5 (12)	85.9 (88)	109.8 (114)	22.8 (22)	0.8 (0.8)	34.0 (29)
1436	Bridgepoint Hospital	Toronto Central	Toronto - Southeast	100	12.9 (9.5)	74.1 (74.5)	109.7 (114.5)	33.3 (33.5)	0.8 (0.7)	44.5 (43)
3941	Rouge Valley Health System (Centenary)	Central East	Toronto - Southeast	26	10.4 (7.5)	81.2 (83.5)	105.0 (110)	22.7 (24)	1.6 (1.6)	20.1 (14)

EXHIBIT 5.9S-4 continued

Group/Subgroup				Admission to rehabilitation ¹ , N	Days from stroke onset to admission, mean (median)	Admission FIM score, mean (median)	Discharge FIM score, mean (median)	Change in FIM score, mean (median)	FIM efficiency ² , mean (median)	Length of stay ³ in days, mean (median)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region							
4151	Rouge Valley Health System (Ajax)	Central East	Toronto - Southeast	17	15.4 (15)	77.8 (74)	92.8 (106)	10.2 (10)	0.8 (0.7)	14.4 (12)
4279	Toronto East General Hospital	Central East	Toronto - Southeast	**	14.5 (14.5)	74.5 (74.5)	110.0 (110)	34.0 (34)	2.4 (2.4)	27.5 (27.5)
3950	Toronto Rehabilitation Institute (Hillcrest)	Toronto Central	Toronto - West	165	22.0 (13)	78.5 (80.5)	105.1 (111)	25.8 (25)	0.7 (0.7)	37.4 (33)
4293	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	**	14.3 (15)	78.3 (70)	87.3 (79)	9.0 (10)	0.4 (0.4)	27.7 (28)
1471	West Park Healthcare Centre (York)	Toronto Central	West GTA	92	17.4 (13)	81.7 (81.5)	102.9 (108)	19.4 (18)	0.6 (0.5)	34.5 (30.5)
3288	Credit Valley Hospital	Mississauga Halton	West GTA	66	16.8 (12.5)	69.7 (71)	93.2 (96)	22.4 (23)	0.7 (0.8)	32.6 (28)
4136	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	69	11.2 (8)	70.6 (69)	95.0 (98)	21.6 (19)	0.8 (0.7)	38.4 (33)
4150	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	144	18.0 (8.5)	68.2 (70)	96.6 (102)	23.7 (21)	1.2 (1)	24.2 (19)
4277	William Osler Health System (Etobicoke)	Central West	West GTA	27	36.9 (19)	74.0 (77)	95.1 (98.5)	17.6 (16.5)	0.4 (0.3)	65.2 (60)
4684	William Osler Health System (Civic)	Central West	West GTA	83	21.8 (13)	80.1 (77)	104.3 (106)	22.4 (23)	0.5 (0.5)	44.7 (54)

Group/Subgroup				Home without services ⁴ , n (%)	Home with services ⁴ , n (%)	Other community services ⁴ , n (%)	Long-term care facility ⁴ , n (%)	Acute care facility ⁴ , n (%)	Died ⁴ , n (%)	Unavailable/unknown ⁴ , n (%)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region							
Ontario ⁵				1,002 (33.3)	1,246 (41.4)	222 (7.4)	243 (8.1)	239 (7.9)	18 (0.6)	39 (1.3)
2771	Southlake Regional Health Centre	Central	Central East	-	-	-	-	-	-	-
3507	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	18 (24.3)	26 (35.1)	**	**	24 (32.4)	-	-
3617	Peterborough Regional Health Centre	Central East	Central East	6 (14.0)	20 (46.5)	8 (18.6)	**	**	-	-
3858	Mackenzie Health	Central	Central East	6 (15.0)	30 (75.0)	**	**	**	-	-
3934	Lakeridge Health Corporation (Oshawa)	Central East	Central East	24 (18.2)	66 (50.0)	11 (8.3)	21 (15.9)	8 (6.1)	**	-
4307	Markham Stouffville Hospital	Central East	Central East	18 (58.1)	7 (22.6)	**	**	**	**	-
4450	Northumberland Hills Hospital	Central East	Central East	8 (23.5)	17 (50.0)	**	**	**	**	-
4483	Ross Memorial Hospital	Central East	Central East	-	23 (71.9)	**	**	**	-	**
4688	Orillia Soldiers' Memorial Hospital	North Simcoe Muskoka	Central East	8 (40.0)	7 (35.0)	**	**	**	-	-
4705	Georgian Bay General Hospital (Penetanguishene)	North Simcoe Muskoka	Central East	**	18 (66.7)	**	**	**	-	-
1912	Grand River Hospital Corp (Freeport)	Waterloo Wellington	Central South	**	56 (73.7)	8 (10.5)	**	**	**	-
3155	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	6 (27.3)	10 (45.5)	**	**	**	-	-
3778	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	**	17 (70.8)	**	-	**	-	-
3880	Hamilton Health Sciences Corp (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	-	**	**	-	-	-	-
3912	St. Joseph's Health Centre (Guelph)	Waterloo Wellington	Central South	19 (35.8)	17 (32.1)	6 (11.3)	7 (13.2)	**	-	-
4342	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	-	-	-	-	-	-	-
4595	Religious Hospitalers of St. Joseph (Hotel Dieu)	Hamilton Niagara Haldimand Brant	Central South	40 (39.6)	45 (44.6)	6 (5.9)	7 (6.9)	**	-	-
4678	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	18 (31.6)	24 (42.1)	8 (14.0)	**	**	-	-
4711	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	67 (43.8)	44 (28.8)	12 (7.8)	20 (13.1)	8 (5.2)	**	-
4720	Cambridge Memorial Hospital	Waterloo Wellington	Central South	6 (19.4)	14 (45.2)	**	**	**	**	-
3782	Bruyère Continuing Care Inc.	Champlain	Champlain	63 (52.9)	30 (25.2)	14 (11.8)	6 (5.0)	6 (5.0)	-	-
4299	Pembroke Regional Hospital Inc.	Champlain	Champlain	9 (24.3)	11 (29.7)	**	-	12 (32.4)	-	-
4429	Ottawa Hospital (Rehab Centre)	Champlain	Champlain	**	**	-	-	-	-	-
4461	Hôpital Montfort	Champlain	Champlain	**	-	**	**	-	-	**
4470	Cornwall Community Hospital (General)	Champlain	Champlain	-	7 (53.8)	-	**	**	-	-
4584	Queensway-Carleton Hospital	Champlain	Champlain	11 (44.0)	7 (28.0)	**	-	**	-	-
4695	Ottawa Hospital (General)	Champlain	Champlain	17 (65.4)	7 (26.9)	-	-	**	-	-
4722	Glengarry Memorial Hospital	Champlain	Champlain	10 (31.3)	15 (46.9)	**	-	**	-	-
4733	North Bay Regional Health Centre	North East	Northeast	**	13 (52.0)	**	-	**	**	-
3416	Timmins & District General Hospital	North East	Northeast	7 (41.2)	6 (35.3)	**	**	**	-	-
4061	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	30 (38.0)	27 (34.2)	**	**	17 (21.5)	-	-
4409	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	**	17 (63.0)	**	**	**	**	-
4592	West Parry Sound Health Centre	North East	Northeast	**	**	-	-	**	-	-
4741	Hôpital régional de Sudbury Regional Hospital (Memorial)	North East	Northeast	-	-	-	-	-	-	-
3891	St. Joseph's Care Group	North West	Northwest	23 (24.5)	40 (42.6)	8 (8.5)	11 (11.7)	12 (12.8)	-	-
2223	Providence Care Centre (St. Mary's of the Lake)	South East	South East	6 (14.0)	25 (58.1)	**	**	**	-	-
3990	Quinte Healthcare Corporation (Belleville)	South East	South East	11 (16.4)	43 (64.2)	6 (9.0)	**	**	-	-
4647	Brockville General Hospital (St. Vincent de Paul)	South East	South East	-	13 (76.5)	-	**	-	**	**
3612	Stratford General Hospital	South West	Southwest	**	10 (47.6)	**	**	**	**	-

EXHIBIT 5.9S-4 continued

Group/Subgroup				Home without services ⁴ , n (%)	Home with services ⁴ , n (%)	Other community services ⁴ , n (%)	Long-term care facility ⁴ , n (%)	Acute care facility ⁴ , n (%)	Died ⁴ , n (%)	Unavailable/unknown ⁴ , n (%)
Institution No.	Institution (Site)	Local Health Integration Network	Ontario Stroke System Region							
3846	Windsor Regional Hospital (Western)	Erie St. Clair	Southwest	**	59 (62.1)	**	23 (24.2)	**	**	**
3884	St. Joseph's Health Care (London - Parkwood)	South West	Southwest	126 (76.4)	**	8 (4.8)	8 (4.8)	20 (12.1)	**	-
3897	Wingham & District Hospital	South West	Southwest	-	-	-	**	-	-	-
3916	St. Joseph's Health Care (London - Parkwood)	South West	Southwest	**	**	-	-	-	-	-
3946	Grey Bruce Health Services (Owen Sound)	South West	Southwest	-	28 (57.1)	-	10 (20.4)	11 (22.4)	-	-
4149	Hôtel-Dieu Grace Hospital (St. Joseph)	Erie St. Clair	Southwest	11 (50.0)	**	**	**	**	-	-
4162	St. Thomas-Elgin General Hospital	South West	Southwest	**	10 (66.7)	**	**	**	-	-
4361	St. Joseph's Health Services Association of Chatham	Erie St. Clair	Southwest	9 (15.8)	31 (54.4)	**	8 (14.0)	**	-	-
4417	Bluewater Health (Sarnia)	Erie St. Clair	Southwest	31 (50.8)	11 (18.0)	**	10 (16.4)	**	-	**
4649	South Huron Hospital	South West	Southwest	-	**	-	-	-	**	-
1337	St. John's Rehabilitation Hospital	Central	Toronto - North & East	70 (58.3)	37 (30.8)	**	**	7 (5.8)	-	-
3439	Baycrest Hospital (North York)	Toronto Central	Toronto - North & East	**	13 (61.9)	**	**	**	-	-
4155	Scarborough Hospital (General)	Central East	Toronto - North & East	-	**	-	-	**	-	24 (82.8)
1355	Providence Healthcare	Toronto Central	Toronto - Southeast	40 (48.2)	31 (37.3)	7 (8.4)	**	**	-	-
1436	Bridgepoint Hospital	Toronto Central	Toronto - Southeast	52 (69.3)	17 (22.7)	**	**	**	-	-
3941	Rouge Valley Health System (Centenary)	Central East	Toronto - Southeast	6 (30.0)	13 (65.0)	-	**	-	-	-
4151	Rouge Valley Health System (Ajax)	Central East	Toronto - Southeast	**	6 (46.2)	-	**	**	-	-
4279	Toronto East General Hospital	Central East	Toronto - Southeast	**	**	-	-	-	-	-
3950	Toronto Rehabilitation Institute (Hillcrest)	Toronto Central	Toronto - West	111 (78.2)	15 (10.6)	**	**	**	-	**
4293	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	-	**	-	-	**	-	-
1471	West Park Healthcare Centre (York)	Toronto Central	West GTA	43 (52.4)	30 (36.6)	-	**	**	-	-
3288	Credit Valley Hospital	Mississauga Halton	West GTA	**	44 (73.3)	**	6 (10.0)	**	-	-
4136	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	14 (23.7)	28 (47.5)	15 (25.4)	-	**	-	**
4150	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	11 (9.0)	71 (58.2)	9 (7.4)	21 (17.2)	10 (8.2)	-	-
4277	William Osler Health System (Etobicoke)	Central West	West GTA	-	11 (73.3)	**	**	**	-	-
4684	William Osler Health System (Civic)	Central West	West GTA	**	55 (80.9)	**	**	**	-	**

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD) and National Rehabilitation Reporting System (NRS), 2011/12.

Inclusion criteria: All patients aged ≥18 years with a diagnosis of stroke (using ICD-10 codes) discharged from an acute care hospital to inpatient rehabilitation and classified as Rehabilitation Client Group (RCG) 1 (Stroke) and RCG 2 (Brain Dysfunction) in the NRS database.

- 1 Patients discharged from an acute care hospital with a diagnosis of stroke and admitted to a rehabilitation hospital as an inpatient in the same fiscal year.
 - 2 FIM efficiency is the change in total FIM score divided by total length of stay; it provides information on the average amount of functional recovery per day of inpatient rehabilitation.
 - 3 Length of stay refers to the total time spent in inpatient rehabilitation and is calculated using the admission and discharge dates in the NRS database (LOS = discharge date - admission date).
 - 4 Among patients discharged alive from an acute care facility and admitted to inpatient rehabilitation (N = 3,009 in 2011/2012).
 - 5 Based on unique patients (i.e., does not include multiple patient-visits).
- ** Cell value suppressed for reasons of privacy and confidentiality.

Notes:

- (1) Facility-based analysis (i.e., the location of the facility is used to report regional performance).
- (2) Cells in which there were no reported/available data are marked with a hyphen (-).

FIM = Functional Independence Measure.

EXHIBIT 5.9S-5 Characteristics of adult stroke patients in inpatient rehabilitation, in Ontario and by sex and Ontario Stroke System region, 2003/04 and 2009/10–2011/12

Group/Subgroup	Admission to rehabilitation ¹ , N	Days from stroke onset to admission, mean (median)	Admission FIM score, mean (median)	Discharge FIM score, mean (median)	Change in FIM score, mean (median)	FIM efficiency ² , mean (median)	Length of stay ³ in days, mean (median)	Home without services ⁴ , n (%)	Home with services ⁴ , n (%)	Other community services ⁴ , n (%)	Long-term care facility ⁴ , n (%)	Acute care facility ⁴ , n (%)	Died, n (%)	Unavailable/unknown ⁴ , n (%)
2003/04														
Ontario ⁵	3,081	21.2 (13)	74.8 (76)	97.9 (107)	21.9 (21)	0.8 (0.6)	38.0 (31)	799 (29.5)	1,165 (43.0)	143 (5.3)	364 (13.4)	157 (5.8)	20 (0.7)	63 (2.3)
Female	1,457	22.5 (13)	73.8 (75)	96.8 (105.5)	21.9 (21)	0.8 (0.6)	36.8 (30)	307 (23.8)	572 (44.3)	85 (6.6)	199 (15.4)	80 (6.2)	16 (1.2)	31 (2.4)
Male	1,624	20.1 (13)	75.8 (78)	98.9 (107)	21.8 (20)	0.8 (0.6)	39.1 (32)	492 (34.6)	593 (41.7)	58 (4.1)	165 (11.6)	77 (5.4)	**	32 (2.3)
Ontario Stroke System Region														
Central East	367	14.6 (10)	72.6 (75)	97.7 (109)	23.5 (22)	0.9 (0.7)	33.3 (27)	63 (18.8)	166 (49.6)	20 (6.0)	34 (10.1)	30 (9.0)	**	19 (5.7)
Central South	584	24.0 (13)	76.6 (76.5)	99.6 (105)	22.2 (22)	0.8 (0.6)	37.6 (30)	148 (28.9)	222 (43.4)	37 (7.2)	70 (13.7)	24 (4.7)	**	7 (1.4)
Champlain	270	27.0 (19)	73.7 (74)	98.2 (107.5)	23.0 (22)	0.5 (0.4)	53.4 (56)	77 (32.1)	93 (38.8)	19 (7.9)	32 (13.3)	17 (7.1)	**	**
Northeast	108	21.5 (15)	75.8 (78)	96.4 (106)	18.1 (16)	0.5 (0.4)	40.9 (33.5)	30 (28.3)	39 (36.8)	**	15 (14.2)	17 (16.0)	**	-
Northwest	32	36.0 (28)	72.9 (73)	97.6 (110)	20.2 (18)	0.4 (0.4)	71.7 (68)	7 (33.3)	13 (61.9)	-	-	**	-	-
South East	138	34.4 (16)	74.5 (73)	97.4 (106)	22.9 (22)	0.5 (0.4)	55.4 (41.5)	27 (22.1)	63 (51.6)	**	19 (15.6)	6 (4.9)	**	-
Southwest	603	20.6 (11)	71.7 (74)	91.7 (103)	21.1 (17)	0.8 (0.5)	32.6 (24)	114 (23.3)	211 (43.1)	19 (3.9)	90 (18.4)	30 (6.1)	6 (1.2)	19 (3.9)
Toronto – North & East	178	19.4 (13)	77.3 (78)	99.7 (106)	21.0 (20)	0.7 (0.6)	35.6 (32)	46 (27.5)	61 (36.5)	10 (6.0)	21 (12.6)	13 (7.8)	-	16 (9.6)
Toronto – Southeast	206	24.8 (17)	79.8 (83)	103.6 (114)	22.8 (22)	0.7 (0.5)	44.4 (35)	60 (31.4)	89 (46.6)	8 (4.2)	24 (12.6)	8 (4.2)	**	**
Toronto – West	213	20.1 (14)	80.6 (82)	105.9 (109)	24.5 (22)	0.8 (0.7)	37.4 (38)	104 (56.2)	53 (28.6)	8 (4.3)	17 (9.2)	**	-	-
West GTA	382	13.9 (9)	72.8 (73)	97.3 (104)	22.6 (22)	1.1 (0.8)	29.9 (25)	123 (35.9)	155 (45.2)	14 (4.1)	42 (12.2)	8 (2.3)	**	-
2009/10														
Ontario ⁵	3,466	19.5 (12)	75.8 (78)	99.5 (107)	22.6 (21)	0.8 (0.7)	36.4 (30)	971 (30.1)	1,397 (43.3)	196 (6.1)	327 (10.1)	260 (8.1)	10 (0.3)	67 (2.1)
Female	1,618	18.6 (12)	73.9 (76)	97.8 (105)	22.6 (22)	0.8 (0.7)	36.2 (30)	397 (26.4)	633 (42.0)	123 (8.2)	180 (12.0)	140 (9.3)	**	29 (1.9)
Male	1,848	20.2 (11)	77.4 (79)	101.0 (108)	22.5 (21)	0.8 (0.7)	36.6 (30)	574 (33.3)	764 (44.4)	73 (4.2)	147 (8.5)	120 (7.0)	6 (0.3)	38 (2.2)
Ontario Stroke System Region														
Central East	540	14.4 (10)	71.9 (73)	97.8 (106)	24.8 (24)	1.0 (0.8)	34.3 (28)	127 (26.3)	219 (45.4)	25 (5.2)	59 (12.2)	51 (10.6)	**	-
Central South	569	28.2 (11)	73.3 (76)	98.5 (106)	24.0 (23)	0.9 (0.8)	38.1 (29)	121 (22.7)	271 (50.7)	61 (11.4)	49 (9.2)	28 (5.2)	**	**
Champlain	277	25.8 (15.5)	79.3 (80.5)	101.3 (108)	21.4 (20)	0.7 (0.6)	38.3 (34)	109 (41.6)	83 (31.7)	23 (8.8)	7 (2.7)	30 (11.5)	-	10 (3.8)
Northeast	194	20.2 (13)	75.1 (74.5)	96.8 (106)	20.8 (18)	0.7 (0.5)	42.5 (32)	28 (15.1)	101 (54.3)	6 (3.2)	16 (8.6)	34 (18.3)	**	-
Northwest	121	18.9 (14)	73.1 (77.5)	103.4 (112)	25.3 (23)	0.7 (0.6)	44.8 (36)	43 (42.2)	35 (34.3)	-	**	20 (19.6)	**	**
South East	128	20.8 (13)	79.6 (80.5)	100.8 (110)	21.2 (20)	0.6 (0.5)	43.1 (43)	21 (17.1)	74 (60.2)	**	12 (9.8)	12 (9.8)	-	-
Southwest	569	15.4 (10)	74.4 (74)	97.4 (106)	22.2 (21)	0.9 (0.7)	31.8 (28)	174 (33.3)	181 (34.6)	36 (6.9)	63 (12.0)	39 (7.5)	**	29 (5.5)
Toronto – North & East	128	15.3 (12)	84.2 (86)	102.1 (107.5)	17.3 (16)	0.8 (0.7)	25.7 (21)	45 (36.6)	45 (36.6)	**	**	**	-	25 (20.3)
Toronto – Southeast	300	15.4 (12)	81.9 (81)	102.5 (110)	20.5 (20)	0.7 (0.7)	33.8 (30)	108 (37.5)	101 (35.1)	7 (2.4)	61 (21.2)	10 (3.5)	**	-
Toronto – West	167	26.6 (15)	80.7 (83)	105.6 (110)	23.4 (22)	0.6 (0.5)	44.8 (41)	112 (71.8)	18 (11.5)	9 (5.8)	10 (6.4)	6 (3.8)	**	-
West GTA	473	16.4 (11)	74.6 (76)	99.2 (105.5)	22.4 (21)	1.0 (0.7)	36.3 (29)	83 (18.4)	270 (60.0)	22 (4.9)	47 (10.4)	26 (5.8)	**	-
2010/11														
Ontario ⁵	3,544	16 (10)	76.4 (78)	100.4 (108)	22.6 (21)	0.9 (0.7)	33.5 (28)	1,065 (32.1)	1,365 (41.2)	241 (7.3)	331 (10)	253 (7.6)	22 (0.7)	36 (1.1)
Female	1,697	15.7 (11)	75.1 (77)	98.9 (106)	22.5 (21)	0.9 (0.7)	33.7 (28)	450 (28.2)	670 (42.1)	139 (8.7)	185 (11.6)	117 (7.3)	13 (0.8)	19 (1.2)
Male	1,847	16.2 (10)	77.5 (80)	101.8 (109)	22.7 (21)	0.9 (0.7)	33.3 (28)	615 (35.8)	695 (40.4)	102 (5.9)	146 (8.5)	136 (7.9)	9 (0.5)	17 (1.0)
Ontario Stroke System Region														
Central East	514	10.7 (7)	72.1 (75)	97.0 (105)	23.3 (22)	1.1 (1)	26.0 (20)	132 (28.9)	199 (43.6)	40 (8.8)	41 (9.0)	40 (8.8)	**	-
Central South	636	16.7 (11)	75.0 (78)	102.5 (108)	25.3 (24)	0.9 (0.8)	34.9 (29)	149 (24.5)	301 (49.5)	54 (8.9)	60 (9.9)	37 (6.1)	7 (1.2)	-
Champlain	283	23.7 (13)	81 (83.5)	103.3 (109)	22.1 (19)	0.9 (0.7)	33.7 (29)	119 (44.6)	68 (25.5)	30 (11.2)	22 (8.2)	23 (8.6)	**	**
Northeast	211	16.5 (12)	81.4 (86)	102.6 (112)	20.5 (17.5)	0.8 (0.6)	36.0 (29)	54 (26.5)	93 (45.6)	7 (3.4)	9 (4.4)	40 (19.6)	**	-
Northwest	103	18.3 (15)	76.9 (82)	107.4 (114)	25.4 (23)	0.8 (0.7)	44.5 (35)	18 (18.8)	50 (52.1)	**	6 (6.3)	17 (17.7)	-	-
South East	145	17.0 (13)	75.2 (78)	99.8 (108)	24.5 (24)	0.7 (0.6)	43.3 (42)	25 (19.1)	69 (52.7)	14 (10.7)	11 (8.4)	11 (8.4)	**	-
Southwest	611	14.8 (9)	72.4 (74)	94.7 (104)	21.4 (20)	0.8 (0.7)	31.7 (27)	184 (32.7)	197 (35.1)	39 (6.9)	91 (16.2)	35 (6.2)	**	13 (2.3)
Toronto – North & East	181	12.5 (10)	85.6 (86)	104.0 (109)	18.2 (18)	0.8 (0.6)	28.8 (27)	96 (54.9)	49 (28.0)	**	**	6 (3.4)	-	18 (10.3)
Toronto – Southeast	274	13.4 (11)	82 (81.5)	103.1 (110)	20.6 (20)	0.8 (0.7)	32.8 (30)	101 (39.1)	90 (34.9)	18 (7.0)	36 (14.0)	11 (4.3)	**	-
Toronto – West	165	25.2 (15)	78.7 (79)	103.6 (109)	23.6 (21)	0.7 (0.6)	41.6 (36)	118 (72.8)	20 (12.3)	6 (3.7)	14 (8.6)	**	**	-
West GTA	421	16.2 (11)	75.5 (77)	100.2 (105)	22.6 (22)	0.9 (0.7)	34.9 (29)	69 (17.5)	229 (58.1)	23 (5.8)	40 (10.2)	30 (7.6)	**	**

EXHIBIT 5.9S-5 continued

Group/Subgroup	Admission to rehabilitation ¹ , N	Days from stroke onset to admission, mean (median)	Admission FIM score, mean (median)	Discharge FIM score, mean (median)	Change in FIM score, mean (median)	FIM efficiency ² , mean (median)	Length of stay ³ in days, mean (median)	Home without services ⁴ , n (%)	Home with services ⁴ , n (%)	Other community services ⁴ , n (%)	Long-term care facility ⁴ , n (%)	Acute care facility ⁴ , n (%)	Died, n (%)	Unavailable/unknown ⁴ , n (%)
2011/12														
Ontario⁵	3,573	16.8 (10)	74.7 (77)	99.6 (107)	22.5 (21)	0.9 (0.7)	32.3 (28)	1,002 (33.3)	1,246 (41.4)	222 (7.4)	243 (8.1)	239 (7.9)	18 (0.6)	39 (1.3)
Female	1,696	16.5 (10)	73.3 (75)	97.6 (105)	22.1 (21)	0.9 (0.7)	32 (28)	387 (27.0)	618 (43.2)	150 (10.5)	136 (9.5)	115 (8.0)	10 (0.7)	16 (1.1)
Male	1,877	17.1 (10)	75.9 (78)	101.4 (109)	22.9 (21)	0.9 (0.8)	32.5 (28)	615 (39.0)	628 (39.8)	72 (4.6)	107 (6.8)	124 (7.9)	8 (0.5)	23 (1.5)
Ontario Stroke System Region														
Central East	535	11.9 (7)	69.2 (73.5)	95.8 (106)	22.6 (21)	1.2 (1.0)	25.7 (21)	90 (20.8)	214 (49.4)	31 (7.2)	43 (9.9)	49 (11.3)	**	**
Central South	602	18.4 (11)	72.7 (73)	100.9 (107)	25.5 (24)	0.9 (0.8)	36.9 (32)	162 (31.1)	230 (44.1)	51 (9.8)	42 (8.1)	31 (6.0)	**	-
Champlain	319	27.3 (15)	78.0 (80)	101.2 (108)	21.8 (21)	0.8 (0.7)	32.0 (30)	117 (42.9)	79 (28.9)	31 (11.4)	11 (4.0)	31 (11.4)	-	**
Northeast	215	12.7 (9)	79.6 (84)	102.0 (112)	18.5 (14.5)	0.7 (0.6)	31.7 (26)	49 (31.2)	67 (42.7)	10 (6.4)	**	24 (15.3)	**	-
Northwest	112	14.6 (10.5)	71.6 (75)	101.2 (108)	23.5 (23)	0.8 (0.7)	35.5 (29.5)	23 (24.5)	40 (42.6)	8 (8.5)	11 (11.7)	12 (12.8)	-	-
South East	151	16.0 (10.5)	71.8 (71)	98.0 (105)	24.5 (24)	0.9 (0.7)	35.0 (28)	17 (13.4)	81 (63.8)	9 (7.1)	8 (6.3)	9 (7.1)	**	**
Southwest	554	16.0 (9)	74.4 (77)	95.6 (105)	20.3 (19)	0.9 (0.8)	29.8 (24)	184 (37.6)	157 (32.0)	29 (5.9)	68 (13.9)	42 (8.6)	**	6 (1.2)
Toronto – North & East	199	12.8 (10)	82.6 (84)	101.5 (109)	17.9 (18)	0.8 (0.7)	27.0 (25)	71 (41.8)	54 (31.8)	6 (3.5)	6 (3.5)	9 (5.3)	-	24 (14.1)
Toronto – Southeast	237	13.4 (11)	79.8 (81)	108.1 (113)	26.5 (26)	0.9 (0.8)	35.7 (31)	100 (51.8)	68 (35.2)	10 (5.2)	10 (5.2)	**	-	-
Toronto – West	168	21.9 (13)	78.5 (80)	104.7 (111)	25.4 (24.5)	0.7 (0.7)	37.2 (32)	111 (76.6)	17 (11.7)	**	**	6 (4.1)	-	**
West GTA	481	18.5 (11)	73.7 (75)	98.3 (103)	21.8 (21)	0.8 (0.7)	34.5 (29)	78 (19.2)	239 (58.9)	32 (7.9)	34 (8.4)	21 (5.2)	-	**

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD) and National Rehabilitation Reporting System (NRS), 2003/04–2011/12.

Inclusion criteria: All patients aged ≥18 years with a diagnosis of stroke (using ICD-10 codes) discharged from an acute care hospital who were admitted to inpatient rehabilitation and classified as Rehabilitation Client Groups 1 (Stroke) and 2 (Brain Dysfunction) in the NRS database.

- 1 Patients discharged from an acute care inpatient hospital with a diagnosis of stroke and admitted into an inpatient rehabilitation hospital in the same fiscal year.
 - 2 FIM efficiency is the change in total FIM score divided by total length of stay; it provides information on the average amount of functional recovery per day of inpatient rehabilitation.
 - 3 Length of stay (LOS) refers to the total time spent in inpatient rehabilitation and is calculated using the admission and discharge dates in the NRS database (LOS = discharge date – admission date).
 - 4 Among patients discharged alive from an acute care facility and admitted to inpatient rehabilitation (N = 2,721 in 2003/04, 3,229 in 2009/10, 3,313 in 2010/11 and 3,009 in 2011/12).
 - 5 Based on unique patients (i.e., does not include multiple patient-visits).
- ** Cell value suppressed for reasons of privacy and confidentiality.

Notes:

- (1) Facility-based analysis (i.e., the location of the facility is used to report regional performance).
- (2) Cells in which there were no reported/available data are marked with a hyphen (-).

FIM = Functional Independence Measure.

EXHIBIT 6.25 Community Care Access Centre support services provided to adult home care clients (active and new) within 60 days following an acute care hospitalization for stroke, in Ontario and by sex and Local Health Integration Network, 2006/07–2011/12

2006/07–2007/08

Group/Subgroup	No. of clients with stroke ¹	Nursing			Personal Support			Personal Support and Homemaker Services			Occupational Therapy (OT)			Physiotherapy (PT)			Speech Therapy (ST)			Social Work (SW)			Rehabilitation Services (OT, PT, ST or SW)			
		% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of hours per client	Median no. of hours per client	% of clients ¹	Mean no. of hours per client	Median no. of hours per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	
Ontario	5,859	25.7	10.2	7	7.9	21.3	13	26.2	19.9	12	39.7	2.8	2	26.6	3.8	3	11.4	3.0	2	2.9	2.6	2	57.8	4.4	3	
Female	3,231	24.1	10.2	7	9.3	21.5	13	30.7	20.0	12	39.2	2.8	2	26.5	3.8	3	10.7	3.0	2	2.6	2.4	2	57.2	4.4	3	
Male	2,628	27.7	10.2	7	6.3	21.0	12	20.7	19.8	11.5	40.4	2.8	2	26.7	3.8	3	12.1	3.0	2	3.2	2.7	2	58.5	4.4	3	
Local Health Integration Network																										
1. Erie St. Clair	365	50.1	11.3	6	30.4	18.0	14	-	-	-	36.7	2.5	2	28.2	5.4	4	8.2	3.9	3	1.9	1.9	2	51.0	5.5	4	
2. South West	591	31.5	10.1	6	21.3	20.1	9.5	16.8	20.3	13	38.9	2.2	2	23.9	3.2	3	8.6	3.0	2	3.6	2.6	2	52.1	3.8	3	
3. Waterloo Wellington	337	13.6	8.6	7	2.7	32.3	14	27.4	23.2	16	45.1	2.8	2	20.8	3.8	3	9.5	3.2	2.5	5.3	2.4	1.5	58.8	4.2	3	
4. Hamilton Niagara Haldimand Brant	831	20.9	10.5	6	-	-	-	27.3	20.5	12.5	49.2	2.3	2	35.3	3.7	3	12.4	3.3	3	2.2	2.2	1.5	66.7	4.4	3	
5. Central West	299	20.4	10.3	6	2.0	15.0	8.5	26.8	21.9	13	45.2	3.6	3	29.8	4.6	5	11.4	3.3	3	2.7	3.3	2.5	61.9	5.6	4	
6. Mississauga Halton	388	14.7	11.2	6	-	-	-	33.5	21.4	11	53.1	3.4	3	31.4	4.6	4	11.1	3.2	2	0.5	2	2	68.8	5.3	4	
7. Toronto Central	449	21.6	8.8	6	-	-	-	33.4	15.1	9	34.7	3.3	3	20.0	3.3	3	12.9	3.1	2.5	1.3	2.5	2.5	52.1	4.3	3	
8. Central	615	19.8	11.6	7	-	-	-	32.4	18.1	11	35.8	3.8	3	20.5	4.3	4	15.8	3.1	2	1.6	2.7	1.5	59.8	4.6	3	
9. Central East	665	26.6	10.1	8	3.9	33.1	23.5	36.7	18.7	11.5	38.0	3.2	2	27.2	3.5	3	9.6	2.4	2	2.4	3.2	3	58.6	4.2	3	
10. South East	216	30.6	12.9	9	0.5	3.0	3	35.2	25.4	15	41.7	2.2	2	26.9	3.3	3	12.0	2.2	2	5.1	2.3	2	60.2	3.6	3	
11. Champlain	329	29.5	7.9	6	18.8	18.6	11	24.0	22.2	11	28.0	2.6	2	24.6	3.1	3	8.8	2.0	2	0.9	1.0	1	48.9	3.4	3	
12. North Simcoe Muskoka	250	35.6	9.0	7	20.0	16.8	9	8.0	14.2	8	23.6	2.7	2	17.2	3.3	3	8.8	2.5	2.5	12.0	2.7	2	39.6	4.4	4	
13. North East	368	29.6	10.2	8	20.1	28.8	13.5	17.7	16.7	14	33.2	2.1	2	31.5	3.1	3	17.4	3.1	2	4.6	2.7	2	57.3	4.1	3	
14. North West	156	26.3	8.5	6	-	-	-	22.4	28.9	14	43.6	2.0	2	28.8	3.6	4	7.7	2.3	1.5	0.6	4.0	4	60.3	3.5	2	

2008/09–2009/10

Group/Subgroup	No. of clients with stroke ¹	Nursing			Personal Support			Personal Support and Homemaker Services			Occupational Therapy (OT)			Physiotherapy (PT)			Speech Therapy (ST)			Social Work (SW)			Rehabilitation Services (OT, PT, ST or SW)			
		% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of hours per client	Median no. of hours per client	% of clients ¹	Mean no. of hours per client	Median no. of hours per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	
Ontario	6,094	23.9	10.4	7	6.4	18.7	10	29.2	20.6	12	40.4	2.5	2	25.3	3.4	3	12.0	2.7	2	2.7	2.5	2	57.7	3.9	3	
Female	3,339	22.4	10.3	7	7.6	19.5	11	34.4	21.1	12	39.2	2.5	2	24.1	3.5	3	11.7	2.7	2	2.3	2.6	2	55.7	4.0	3	
Male	2,755	25.8	10.5	7	5.0	17.2	10	22.9	19.6	12	41.8	2.4	2	26.6	3.3	3	12.5	2.8	2	3.2	2.4	2	60.0	3.9	3	
Local Health Integration Network																										
1. Erie St. Clair	376	43.1	7.0	4.5	13.0	13.6	11	24.2	19.7	10	34.8	2.6	2	28.5	3.9	3	12.0	3.2	2	2.1	1.5	1	53.2	4.5	3	
2. South West	555	26.1	7.8	6	25.4	15.9	9	7.2	23.1	13	41.8	2.0	2	22.7	3.1	3	12.3	2.8	2	4.0	2.6	2	56.2	3.5	3	
3. Waterloo Wellington	429	10.5	9.0	6	-	-	-	23.3	24.4	15	44.8	2.4	2	27.5	3.7	3	8.4	3.2	3	2.8	2.8	2	56.6	4.3	3	
4. Hamilton Niagara Haldimand Brant	732	19.4	12.0	8	-	-	-	37.7	22.1	13	43.4	2.3	2	29.9	3.3	3	10.2	2.7	2	1.5	2.8	3	62.6	3.7	3	
5. Central West	323	16.4	12.8	9	-	-	-	32.2	18.2	10.5	49.5	2.9	3	35.0	4.1	4	15.2	3.2	3	2.8	2.1	2	65.9	5.2	4	
6. Mississauga Halton	475	16.4	12.0	5	-	-	-	27.4	23.9	10.5	53.9	3.1	3	26.1	4.3	4	10.1	2.7	2	1.7	2.8	2	66.9	4.6	4	
7. Toronto Central	585	17.6	15.2	8	-	-	-	34.5	16.3	9	33.5	2.4	2	17.9	3.0	3	12.1	2.7	2	1.9	1.8	2	49.9	3.4	3	
8. Central	679	19.0	11.9	8	0.3	5.5	5.5	38.7	17.4	9	45.9	2.7	2	25.8	3.3	3	22.2	2.7	2	3.2	2.6	2	71.1	3.9	3	
9. Central East	628	32.8	11.5	9	0.6	13.5	10.5	44.3	21.5	13	41.2	2.7	2	29.5	3.2	3	11.9	2.5	1	3.7	2.3	2	61.1	4.0	3	
10. South East ²	230	23.9	9.0	5	0.4	7.0	7	20.9	30.0	14	46.1	2.1	2	21.7	3.1	3	8.7	1.9	1	3.9	2.9	3	58.3	3.3	2	
11. Champlain	328	26.5	10.4	7	16.8	21.3	12	27.1	21.4	14	29.6	2.5	2	21.6	2.9	2	8.5	2.2	1.5	2.1	2.9	3	49.1	3.3	2	
12. North Simcoe Muskoka	262	35.1	8.6	7	26.7	26.3	15	-	-	-	22.1	2.2	2	11.5	3.2	2.5	11.5	3.5	3	2.7	1.9	2	34.7	3.7	2	
13. North East	376	35.1	8.8	6.5	18.4	18.9	10	31.6	18.2	13	23.7	1.9	1	20.7	3.1	2.5	6.9	2.2	1	2.9	3.5	2	40.4	3.3	3	
14. North West	116	25.9	10.5	8	-	-	-	35.3	25.6	11	46.6	1.8	2	32.8	3.4	3	9.5	1.6	1	2.6	1.7	2	63.8	3.4	2.5	

EXHIBIT 6.2S continued

2009/10-2010/11

Group/Subgroup	No. of clients with stroke ¹	Nursing			Personal Support			Personal Support and Homemaker Services			Occupational Therapy (OT)			Physiotherapy (PT)			Speech Therapy (ST)			Social Work (SW)			Rehabilitation Services (OT, PT, ST or SW)		
		% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of hours per client	Median no. of hours per client	% of clients ¹	Mean no. of hours per client	Median no. of hours per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client
Ontario	6,394	21.7	9.6	6	3.9	22.5	14	29.8	24.2	13	36.8	2.4	2	23.8	3.5	3	10.5	2.7	2	2.5	2.2	2	53.5	3.8	3
Female	3,526	20.6	9.7	6	4.6	24.4	15	34.2	25.1	14	35.5	2.4	2	24.0	3.6	3	10.5	2.7	2	2.1	2.3	2	52.9	3.9	3
Male	2,868	23.0	9.5	5	3.1	18.9	11	24.3	22.6	12	38.4	2.4	2	23.6	3.3	3	10.6	2.7	2	3.0	2.0	2	54.2	3.8	3
Local Health Integration Network																									
1. Erie St. Clair	393	39.4	5.6	4	0.0	-	-	36.9	26.0	16	26.5	2.1	2	16.0	3.1	3	10.2	2.9	2.5	2.5	2.0	2	41.7	3.4	3
2. South West	658	24.9	7.9	6	5.5	16.5	5	29.9	22.9	13	41.0	2.0	2	33.4	3.4	3	13.1	2.9	3	3.3	2.5	2	58.5	4.1	3
3. Waterloo Wellington	441	11.1	9.5	7	0.5	15.0	15.0	22.0	24.9	15	39.2	2.3	2	20.2	3.6	3	6.3	2.6	2	2.5	1.2	1	52.6	3.5	3
4. Hamilton Niagara Haldimand Brant	791	18.3	11.2	6	-	-	-	41.8	26.3	15	41.1	2.4	2	29.2	3.6	3	7.7	3.4	3	1.6	2.6	2	57.5	4.0	3
5. Central West	355	13.8	6.9	4	-	-	-	33.0	23.1	13	48.2	2.5	2	35.5	4.1	4	10.4	3.4	3	1.7	2.2	2	65.9	4.7	4
6. Mississauga Halton	423	12.3	9.6	5.5	-	-	-	30.0	24.6	12	53.2	2.5	2	22.5	3.4	4	8.7	2.4	2	0.7	3.0	3	66.9	3.5	3
7. Toronto Central	577	18.9	14.3	6	-	-	-	28.6	21.5	10	29.3	2.1	2	16.6	2.9	3	11.8	2.2	2	1.7	1.9	1	45.6	3.1	2
8. Central	650	19.5	11.1	6	0.5	5.3	5	33.1	22.1	13	44.2	2.7	2	22.5	3.5	3	18.3	2.8	2	4.2	2.2	2	65.1	4.0	3
9. Central East	755	26.4	11.1	8	0.0	-	-	38.5	22.7	14	33.2	2.6	2	24.4	3.3	3	10.3	2.4	2	2.1	2.3	2	54.0	3.6	3
10. South East ²	244	19.3	7.6	5	0.0	-	-	26.2	30.6	13.5	53.3	3.1	2	37.3	3.8	3	16.0	2.1	1	10.2	2.2	2	70.1	5.2	3
11. Champlain	379	22.4	8.8	4	0.0	-	-	32.7	23.4	12.5	27.4	2.1	2	18.5	3.1	3	5.8	1.8	1.5	0.5	2.5	2.5	41.4	3.1	2
12. North Simcoe Muskoka	248	27.0	13.3	9	24.2	36.0	22.5	-	-	-	14.1	2.8	2	6.9	2.8	2	11.3	2.9	2.5	0.8	1.0	1.0	25.0	3.7	3
13. North East	386	29.3	7.5	5	38.6	18.9	12	-	-	-	20.5	1.8	1	21.2	3.5	3	5.7	2.9	3	2.6	1.6	1.5	36.5	3.6	3
14. North West	94	26.6	7.8	6	-	-	-	31.9	36.1	25.5	33.0	2.0	2	13.8	3.7	4	8.5	3.1	3	3.2	3.0	2	43.6	3.5	3

2010/11-2011/12

Group/Subgroup	No. of clients with stroke ¹	Nursing			Personal Support			Personal Support and Homemaker Services			Occupational Therapy (OT)			Physiotherapy (PT)			Speech Therapy (ST)			Social Work (SW)			Rehabilitation Services (OT, PT, ST or SW)		
		% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client
Ontario	7,085	18.3	9.9	5	2.9	26.7	14	29.0	26.6	14	36.2	2.4	2	20.5	3.5	3	10.0	2.7	2	3	2.3	2	50.6	3.8	3
Female	3,888	16.9	9.8	5	3.1	27.5	14	32.7	28.0	15	35.5	2.5	2	19.5	3.3	3	10.1	2.7	2	2	2.3	2	49.6	3.7	3
Male	3,197	20.0	10.0	6	2.7	25.4	12	24.5	24.4	13	36.9	2.3	2	21.8	3.6	3	9.9	2.7	2	3	2.3	2	51.7	3.9	3
Local Health Integration Network																									
1. Erie St. Clair	428	36.0	6.0	4	-	-	-	33.2	21.7	13	28.5	2.3	2	23.4	3.2	3	8.2	2.6	3	1.4	1.7	1.5	42.5	3.9	3
2. South West	643	22.4	7.3	5	-	-	-	27.8	23.8	13	42.3	2.1	2	27.4	3.0	3	10.6	2.9	3	4.2	1.9	2	56.1	3.8	3
3. Waterloo Wellington	462	12.8	11.3	7	0.9	40.8	44	28.1	30.6	21	40.5	2.3	2	19.7	3.6	3	9.3	3.0	3	4.1	1.8	2	54.3	3.6	3
4. Hamilton Niagara Haldimand Brant	876	18.2	10.1	5	-	-	-	35.0	32.0	17	41.8	2.4	2	25.3	3.5	3	8.2	2.9	3	1.6	3.2	3	58.2	3.8	3
5. Central West	440	14.5	10.7	5.5	-	-	-	32.0	31.6	17	47.5	2.6	2	34.5	4.6	4	13.9	2.9	3	2.5	2.3	2	64.1	5.1	4
6. Mississauga Halton	478	11.7	10.0	6.5	0.2	3.0	3	28.7	28.9	14	52.1	2.3	2	18.8	3.8	3	8.2	2.2	2	1.3	3.3	3	60.5	3.6	3
7. Toronto Central	791	13.3	15.3	7	-	-	-	23.4	24.0	10	23.1	2.3	2	10.2	3.3	3	8.0	2.5	2	1.1	2.7	2	34.0	3.2	2
8. Central	684	17.3	12.4	8	0.6	9.5	3	34.5	22.9	14	39.8	2.4	2	16.1	3.3	3	19.0	2.5	2	1.5	2.1	1.5	59.5	3.4	3
9. Central East	782	18.5	8.4	5	-	-	-	43.4	26.4	15	31.1	2.7	3	18.3	3.2	3	8.2	2.9	3	2.6	2.8	3	47.4	3.7	3
10. South East	319	14.1	10.8	6	-	-	-	31.0	22.6	12	57.1	2.9	2	35.7	3.7	3	11.3	3.6	3	12.9	2.3	2	73.0	5.0	4
11. Champlain	420	15.7	11.4	5.5	-	-	-	30.5	23.9	11	29.3	2.3	2	14.5	3.1	2	9.8	2.3	2	1.2	2.2	2	42.1	3.3	2
12. North Simcoe Muskoka	266	18.0	9.3	6	24.4	31.3	16	-	-	-	21.1	2.6	2	10.2	3.5	3	11.7	2.3	1	3.4	2.1	2	30.5	4.0	3
13. North East	373	25.2	9.3	5	36.2	24.7	13	-	-	-	14.2	2.1	2	15.0	2.7	2	4.6	3.0	1	0.8	2.7	3	29.0	3.0	2
14. North West	123	30.1	11.8	8	-	-	-	27.6	34.6	16.5	36.6	1.6	1	25.2	3.4	3	6.5	2.0	1	1.6	1.0	1	50.4	3.1	2

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD), 2006/07-2010/11; Ontario Ministry of Health and Long-Term Care, Home Care Database, 2006/07-2011/12.

Inclusion criteria: All clients aged >18 years discharged from an acute care facility between 2006/07 and 2010/11 with a stroke-related diagnosis (based on ICD-10 codes) who received home care services within 60 days of discharge. Patients were followed for 60 days from time of first provision of CCAC service within 60 days of acute care hospitalization for stroke or transient ischemic attack.

1 Based on patient visits (i.e., includes multiple patient-visits if they occurred in different LHINs).

2 The Home Care Database did not include data related to the community rehabilitation therapy enhancement initiative in the South East LHIN in 2009/10. This initiative provided, on average, 1.2 rehabilitation services per patient over a 60-day period.

Notes:

(1) CCAC-based analysis (i.e., the location of the CCAC is used to report regional performance).

(2) Calculated time in days to first CCAC rehabilitation visit was based on subtracting the acute care stroke/TIA discharge date from the first CCAC rehabilitation service date.

(3) Cells in which there were no reported/available data are marked with a hyphen (-).

EXHIBIT 6.35 Community Care Access Centre support services provided to adult home care clients (active and new) within 180 days following an acute care hospitalization for stroke, in Ontario and by Local Health Integration Network, 2006/07-2011/12

2006/07-2007/08

Group/Subgroup	No. of clients with stroke ¹	Nursing			Personal Support			Personal Support and Homemaker Services			Occupational Therapy (OT)			Physiotherapy (PT)			Speech Therapy (ST)			Social Work (SW)			Rehabilitation Services (OT, PT, ST or SW)			
		% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of hours per client	Median no. of hours per client	% of clients ¹	Mean no. of hours per client	Median no. of hours per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	
Ontario	5,859	30.2	19.5	10	9.7	60.6	35.5	29.8	56.1	34	46.6	4.0	3	32.9	5.5	4	15.0	4.7	3	4.4	4.6	4	66.1	6.9	5	
Female	3,231	28.6	18.7	10	11.1	62.8	35.5	34.3	56.3	35	46.0	4.0	3	32.9	5.5	4	14.6	4.6	3	4.1	4.3	3	65.6	6.8	5	
Male	2,628	32.2	20.3	10	7.9	56.7	35	24.4	55.8	33	47.3	3.9	3	32.8	5.4	4	15.6	4.9	4	4.8	4.9	4	66.7	6.9	5	
Local Health Integration Network																										
1. Erie St. Clair	365	54.5	22.0	9	34.5	51.3	40	-	-	-	41.6	3.4	3	32.3	6.4	4	11.2	6.0	5	3.3	2.3	2.5	57.5	7.3	5	
2. South West	591	36.4	18.1	10	29.1	52.8	26	19.6	38.9	24	46.9	3.1	2	29.9	4.4	4	12.2	5.0	4	5.6	4.6	4	62.1	5.9	4	
3. Waterloo Wellington	337	20.2	15.7	9	4.2	77.6	44	32.0	65.5	44	58.2	4.1	3	34.4	5.2	4	14.8	5.2	3	7.4	3.3	2	73.3	7.1	5	
4. Hamilton Niagara Haldimand Brant	831	24.4	20.1	9	-	-	-	36.5	57.2	36	54.8	3.1	3	39.5	5.1	4	15.2	4.4	4	3.9	4.4	3.5	73.2	6.2	5	
5. Central West	299	24.4	16.4	9	3.0	22.2	13	30.1	63.5	41	51.8	4.9	4	37.1	6.7	6	16.4	4.7	3	5.7	7.0	7	71.2	8.7	6	
6. Mississauga Halton	388	17.8	20.6	8	-	-	-	36.6	58.7	33	57.5	4.5	4	36.1	6.0	6	14.7	4.4	3	1.5	4.2	3.5	72.9	7.5	6	
7. Toronto Central	449	26.1	23.4	9	-	-	-	38.5	49.8	32	40.5	4.7	4	27.8	4.5	4	15.1	4.3	3	2.7	2.8	2	58.8	6.6	5	
8. Central	615	24.7	22.1	11	-	-	-	38.2	49.8	36	41.3	5.1	4	24.2	6.2	5	19.2	5.4	3	2.3	4.1	2.5	65.7	7.3	5	
9. Central East	665	30.8	18.3	12	4.8	88.5	51.5	39.1	57.7	35.5	44.4	4.1	3	32.8	5.0	4	13.4	3.9	3	3.5	4.9	4	65.1	6.4	5	
10. South East	216	34.3	25.3	15	0.5	3.0	3	41.2	67.6	33	49.1	4.0	3	35.2	6.0	4	18.1	4.3	2	7.4	5.0	4	69.9	7.5	5	
11. Champlain	329	38.0	17.0	9	20.7	61.2	40	27.4	67.7	35.5	37.4	4.1	3	34.0	5.4	4	13.7	3.1	2	2.1	2.3	2	63.8	6.0	4	
12. North Simcoe Muskoka	250	40.4	17.3	11	26.0	54.3	35	10.8	33.9	20	29.2	5.1	4	27.6	5.0	4	12.0	4.3	3.5	14.0	5.7	4	52.0	8.1	6	
13. North East	368	34.2	16.7	12	22.0	86.9	41	19.6	42.1	30.5	43.2	3.5	2	37.0	6.7	4	22.3	5.9	4	6.8	5.3	4	67.4	8.4	5	
14. North West	156	26.9	16.8	9.5	-	-	-	27.6	88.1	26	51.3	2.7	2	32.7	5.3	5	9.6	4.3	2	0.6	9.0	9	67.9	5.3	4	

2008/09-2009/10

Group/Subgroup	No. of clients with stroke ¹	Nursing			Personal Support			Personal Support and Homemaker Services			Occupational Therapy (OT)			Physiotherapy (PT)			Speech Therapy (ST)			Social Work (SW)			Rehabilitation Services (OT, PT, ST or SW)			
		% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of hours per client	Median no. of hours per client	% of clients ¹	Mean no. of hours per client	Median no. of hours per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	
Ontario	6,094	28.5	19.2	9	7.8	45.4	22.5	34.2	57.8	34	47.3	3.4	3	31.7	4.8	4	15.3	4.1	3	4.5	4.2	3	65.5	6.1	4	
Female	3,339	26.5	19.1	9	9.0	46.9	23	39.4	59.4	35	46.0	3.5	3	30.2	5.0	4	14.9	3.9	3	4.0	4.3	3	63.8	6.1	4	
Male	2,755	30.9	19.3	9	6	42.9	22	27.8	55.0	33	48.9	3.4	3	33.6	4.6	4	15.8	4.3	3	5.2	4.1	3	67.4	6.1	4	
Local Health Integration Network																										
1. Erie St. Clair	376	48.4	12.0	6	13.8	24.6	13	32.4	51.9	29	37.0	3.5	3	32.7	4.8	4	13.8	4.5	4	2.4	2.7	3	56.1	6.3	4	
2. South West	555	32.6	12.6	7	29.7	39.9	21	12.4	64.5	46	49.4	2.9	2	29.5	4.6	4	16.4	4.4	4	7.0	3.3	2	64.9	5.8	4	
3. Waterloo Wellington	429	13.3	15.4	7	-	-	-	28.4	66.9	42.5	55.7	3.4	3	35.9	5.5	4	13.3	5.2	4	4.7	4.3	3.5	69.0	6.9	5	
4. Hamilton Niagara Haldimand Brant	732	24.5	20.5	9	-	-	-	42.1	62.1	37	51.1	3.1	3	35.9	4.5	4	12.7	4.1	3	3.3	5.9	5.5	71.0	5.5	4	
5. Central West	323	18.0	22.2	10.5	-	-	-	38.7	55.7	32	55.7	3.6	3	41.2	6.1	5	18.6	4.4	3	5.0	3.5	3.5	72.4	7.6	6	
6. Mississauga Halton	475	20.0	20.6	7	-	-	-	30.7	61.1	33.5	58.9	3.6	3	30.3	5.0	4.5	11.6	3.4	3	2.7	3.5	3	70.5	5.8	5	
7. Toronto Central	585	21.2	32.2	10.5	-	-	-	37.6	47.3	32	40.2	3.2	2	22.9	3.8	4	15.0	3.3	3	2.6	2.4	2	57.3	4.7	3	
8. Central	679	23.6	24.9	10	0.3	5.5	5.5	42.4	50.3	27	50.8	3.9	3	31.8	5.0	4	24.9	4.6	3	5.7	4.4	3	76.3	6.5	4.5	
9. Central East	628	38.2	21.7	14.5	0.6	15.0	13	49.7	58.9	38	47.5	3.9	3	35.8	4.7	4	16.6	3.6	2	5.6	4.7	4	69.1	6.4	5	
10. South East ²	230	32.2	15.0	8	0.4	7.0	7	30.4	74.2	40.5	54.8	3.6	2.5	37.5	4.5	4	13.5	3.5	2	11.3	4.9	4	70.0	6.7	4	
11. Champlain	328	30.8	18.0	12	17.4	51.0	31	33.8	62.8	42	38.4	3.5	2	27.1	4.4	4	11.3	3.4	2	3.7	5.0	4.5	58.8	5.3	4	
12. North Simcoe Muskoka	262	39.7	17.6	12.5	32.4	79.7	42	-	-	-	28.6	4.0	3	17.2	4.5	3	16.8	4.3	3	3.1	3.8	2.5	45.0	6.1	4	
13. North East	376	38.6	16.6	8	28.7	36.1	19.5	38.3	46.1	24.5	34.8	3.0	2	30.6	5.3	3	10.1	4.6	3	4.0	4.8	4	51.6	6.4	4	
14. North West	116	31.0	19.9	11	-	-	-	40.5	93.2	40	51.7	2.3	2	35.3	4.9	4	11.2	2.9	3	5.2	1.5	1.5	69.0	4.8	4	

EXHIBIT 6.3S continued

2009/10-2010/11

Group/Subgroup	No. of clients with stroke ¹	Nursing			Personal Support			Personal Support and Homemaker Services			Occupational Therapy (OT)			Physiotherapy (PT)			Speech Therapy (ST)			Social Work (SW)			Rehabilitation Services (OT, PT, ST or SW)			
		% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of hours per client	Median no. of hours per client	% of clients ¹	Mean no. of hours per client	Median no. of hours per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	
Ontario	6,394	25.6	17.7	8	4.7	57.8	36	34.0	68.8	39	43.3	3.3	3	28.7	4.9	4	13.7	4.1	3	4.2	3.7	3	61.3	5.8	4	
Female	3,526	24.4	17.5	9	5.3	64.1	41	38.2	72.2	42	42.2	3.4	3	28.4	4.9	4	13.6	4.2	3	3.7	3.9	3	60.9	5.8	4	
Male	2,868	27.1	17.9	8	4.0	47.6	27	29.0	63.3	35	44.7	3.2	3	29.0	4.9	4	13.7	4.0	3	4.8	3.5	3	61.9	5.8	4	
Local Health Integration Network																										
1. Erie St. Clair	393	45.5	9.6	4	-	-	-	42.2	74.1	45	34.1	2.8	3	20.9	3.8	4	12.5	4.3	3	3.6	2.6	2.5	49.9	4.8	4	
2. South West	658	28.6	13.7	8	6.2	30.8	8	35.7	60.7	35	45.7	2.8	2	36.9	5.2	5	16.0	3.9	3	4.6	4.3	4	65.0	6.2	5	
3. Waterloo Wellington	441	14.7	15.2	10	0.7	51.7	20	29.3	64.6	33	49.7	3.3	3	25.4	4.9	4	11.1	4.4	3	5.2	2.7	2	64.9	5.4	4	
4. Hamilton Niagara Haldimand Brant	791	22.8	22.4	9	-	-	-	46.1	78.9	42	47.5	3.0	3	33.4	4.7	4	9.4	4.1	3	2.8	3.9	3.5	64.9	5.4	4	
5. Central West	355	15.5	11.2	6	-	-	-	37.2	65.6	35	53.2	3.3	3	41.1	5.4	4	13.2	4.1	3	3.7	4.2	3	71.0	6.6	5	
6. Mississauga Halton	423	15.4	15.0	8	-	-	-	34.0	81.5	43	57.7	3.1	3	26.0	4.4	4	10.4	3.3	3	1.7	3.9	3	70.9	4.7	4	
7. Toronto Central	577	22.0	30.6	12	-	-	-	33.4	61.1	33	35.2	2.4	2	20.1	3.5	3	14.2	2.6	2	4.5	2.5	1	53.9	3.8	3	
8. Central	650	23.1	21.4	10	0.5	5.3	5	35.1	60.8	42.5	46.8	3.8	3	25.7	4.7	4	20.3	4.6	3	5.1	3.7	2	68.2	6.0	4	
9. Central East	755	30.3	19.7	12	-	-	-	43.2	64.5	40	37.7	3.7	3	29.0	4.8	4	14.0	4.0	3	3.8	4.4	3	61.3	5.8	4	
10. South East ²	244	22.5	15.8	8	-	-	-	32.4	77.6	43	62.7	5.5	4	43.9	6.9	5	24.2	4.8	2	16.8	4.6	4	79.1	10.7	7	
11. Champlain	379	27.2	14.5	5	-	-	-	38.3	65.3	26	36.4	3.1	2.5	26.4	4.6	4	10.0	2.9	2	1.3	5.6	6	52.5	5.2	4	
12. North Simcoe Muskoka	248	30.6	26.5	16.5	33.5	78.0	50	-	-	-	24.6	4.7	4	13.3	5.3	4	16.5	5.9	4	1.6	1.8	1	38.7	7.4	4.5	
13. North East	386	34.7	12.1	7	44.0	55.6	36.5	-	-	-	31.9	2.8	2	29.8	5.2	4	8.5	5.0	4	4.7	2.8	2	49.5	6.0	4	
14. North West	94	33.0	13.6	6	-	-	-	37.2	95.5	56	40.4	2.5	2	19.1	5.3	5	16.0	3.6	4	4.3	5.5	4.5	54.3	5.2	4	

2010/11-2011/12

Group/Subgroup	No. of clients with stroke ¹	Nursing			Personal Support			Personal Support and Homemaker Services			Occupational Therapy (OT)			Physiotherapy (PT)			Speech Therapy (ST)			Social Work (SW)			Rehabilitation Services (OT, PT, ST or SW)			
		% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of hours per client	Median no. of hours per client	% of clients ¹	Mean no. of hours per client	Median no. of hours per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	% of clients ¹	Mean no. of visits per client	Median no. of visits per client	
Ontario	7,085	22.6	18.6	8	3.7	70.5	40	33.4	74.4	44	42.5	3.3	3	25.6	4.8	4	13.4	4.2	3	4.0	4.1	4	58.4	5.7	4	
Female	3,888	21.0	17.6	7.5	3.9	70.6	41	37.0	77.6	45	41.7	3.3	3	24.2	4.5	4	13.4	4.0	3	3.1	4.1	4	57.3	5.4	4	
Male	3,197	24.6	19.6	9	3.4	70.4	35	29.1	69.3	41	43.5	3.3	3	27.5	5.1	4	13.5	4.3	3	5.0	4.1	4	59.6	6.1	4	
Local Health Integration Network																										
1. Erie St. Clair	428	40.7	11.1	5	-	-	-	40.0	61.8	39	34.4	3.0	3	28.5	4.0	3.5	10.5	3.9	3	2.1	3.3	3	49.5	5.4	4	
2. South West	643	28.1	15.0	8	-	-	-	32.7	64.2	37.5	48.8	2.6	2	32.0	4.7	4	13.8	4.3	4	5.3	3.9	4	63.1	5.7	4	
3. Waterloo Wellington	462	16.0	25.2	11	1.3	113.3	128	32.9	77.4	53	49.6	3.3	3	23.8	5.3	4	14.3	5.3	4	5.6	3.6	3	64.1	6.0	4	
4. Hamilton Niagara Haldimand Brant	876	22.5	20.2	7	-	-	-	39.0	86.8	47.5	47.1	2.9	3	29.0	4.6	4	10.3	4.0	4	2.7	4.4	4	65.1	5.0	4	
5. Central West	440	18.6	20.0	8	-	-	-	36.8	90.8	51	51.6	3.2	3	39.8	5.7	5	17.7	3.8	3	3.6	2.8	2	68.0	6.9	5	
6. Mississauga Halton	478	13.8	17.1	8	0.2	8.0	8	32.4	86.5	38	56.7	2.8	2	23.4	4.4	4	10.3	2.9	2	1.9	3.9	3	65.7	4.6	3.5	
7. Toronto Central	791	15.7	29.1	12	-	-	-	26.4	60.3	37	28.2	2.6	2	13.0	3.6	3	9.9	3.2	2	1.9	5.2	1	39.9	4.0	3	
8. Central	684	23.1	22.7	11	0.6	9.5	3	39.5	65.3	45.5	44.3	3.3	3	20.9	4.8	4	24.3	4.1	3	2.5	4.4	3	65.8	5.5	4	
9. Central East	782	23.7	14.3	8	-	-	-	49.0	77.5	48	38.5	3.6	3	23.4	4.4	4	10.7	3.7	3	3.1	4.0	4	56.1	5.3	4	
10. South East	319	17.6	16.0	9	-	-	-	38.6	70.7	41	63.3	5.7	4	46.7	6.3	5	20.1	6.0	4	19.4	4.7	4	79.6	10.9	7	
11. Champlain	420	20.0	20.9	8.5	-	-	-	36.0	60.2	37	35.5	3.5	3	22.4	4.0	4	14.0	3.3	2	2.9	4.6	4	53.3	5.1	4	
12. North Simcoe Muskoka	266	24.4	18.7	8	32.3	84.4	44.5	-	-	-	29.3	5.1	4	15.8	6.1	5	19.2	5.3	3	4.9	4.5	3	43.2	8.6	5	
13. North East	373	30.6	16.0	7	43.4	63.5	36	-	-	-	25.7	3.2	2	22.8	4.2	3	5.9	6.3	3.5	3.8	2.9	2.5	42.4	5.3	3	
14. North West	123	35.0	23.8	17	-	-	-	31.7	121.5	66	48.8	2.0	2	31.7	4.3	4	8.9	2.6	2	4.1	3.2	4	66.7	4.0	3	

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD), 2006/07-2010/11; Ontario Ministry of Health and Long-Term Care, Home Care Database, 2006/07-2011/12.

Inclusion criteria: All clients aged >18 years discharged from an acute care facility between 2006/07 and 2010/11 with a stroke-related diagnosis (based on ICD-10 codes) who received home care services within 60 days of discharge. Patients were followed for 180 days from time of first provision of CCAC service within 60 days of acute care hospitalization for stroke or transient ischemic attack.

1 Based on patient visits (i.e., includes multiple patient-visits if they occurred in different LHINs).

2 The Home Care Database did not include data related to the community rehabilitation therapy enhancement initiative in the South East LHIN in 2009/10. This initiative provided, on average, 12 rehabilitation services per patient over a 60-day period.

Notes:

(1) CCAC-based analysis (i.e., the location of the CCAC is used to report regional performance).

(2) Calculated time in days to first CCAC rehabilitation visit was based on subtracting the acute care stroke/TIA discharge date from the first CCAC rehabilitation service date.

(3) Cells in which there were no reported/available data are marked with a hyphen (-).

EXHIBIT 7.15 Age- and sex-adjusted stroke/TIA-related revisit or readmission rates within 30 days following a stroke or transient ischemic attack, in Ontario and by Ontario Stroke System region, 2003/04 and 2009/10–2011/12

Group/Subgroup	30-Day Revisit/Readmission Rate							
	2003/04		2009/10		2010/11		2011/12	
	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)
Ontario²	5.0	5.0 (4.7–5.2)	4.9	4.9 (4.6–5.1)	4.7	4.7 (4.5–5.0)	4.9	4.9 (4.6–5.2)
Ontario Stroke System Region								
Central East	5.9	5.9 (5.2–6.7)	5.6	5.6 (4.9–6.4)	5.3	5.3 (4.6–6.0)	4.9	4.9 (4.1–5.6)
Central South	4.7	4.7 (4.0–5.4)	4.6	4.6 (3.9–5.3)	4.8	4.8 (4.2–5.5)	5.1	5.1 (4.4–5.8)
Champlain	5.4	5.4 (4.5–6.3)	5.0	5.0 (4.1–5.9)	5.3	5.3 (4.4–6.2)	5.4	5.4 (4.5–6.3)
Northeast	4.9	4.9 (3.8–6.0)	6.0	6.0 (4.8–7.1)	3.8	3.8 (2.6–4.9)	4.3	4.2 (3.1–5.4)
Northwest	4.1	4.1 (2.3–5.9)	3.8	3.8 (2.0–5.5)	3.0	3.0 (1.3–4.7)	5.6	5.5 (3.7–7.3)
South East	5.7	5.7 (4.5–7.0)	4.3	4.3 (3.0–5.6)	5.5	5.5 (4.2–6.9)	4.7	4.7 (3.3–6.1)
Southwest	4.8	4.8 (4.0–5.5)	5.0	5.0 (4.3–5.7)	4.5	4.5 (3.7–5.2)	4.4	4.4 (3.6–5.1)
Toronto – North & East	4.4	4.4 (3.3–5.5)	4.1	4.1 (3.1–5.2)	3.6	3.6 (2.6–4.7)	4.6	4.7 (3.5–5.8)
Toronto – Southeast	4.8	4.8 (3.6–6.0)	3.8	3.8 (2.6–4.9)	4.8	4.9 (3.7–6.1)	4.1	4.0 (2.8–5.3)
Toronto – West	3.7	3.7 (2.6–4.7)	5.8	5.8 (4.8–6.8)	5.0	5.0 (4.0–6.0)	6.6	6.6 (5.5–7.7)
West GTA	5.1	5.1 (4.3–6.0)	4.2	4.2 (3.4–5.0)	4.9	4.9 (4.1–5.7)	4.7	4.7 (3.8–5.6)

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD) and National Ambulatory Care Reporting System (NACRS), 2003/04–2011/12.

Inclusion criteria: All patients aged ≥18 years readmitted to an emergency department or acute care inpatient setting with a diagnosis of stroke (ischemic or hemorrhagic) or transient ischemic attack within 30 days of the initial stroke or TIA event in each year (includes April 1, 2011 to February 29, 2012, for 2011/12).

Exclusion criteria: Patients with an elective admission, scheduled emergency department visit or transfer within a facility or between facilities within 24 hours.

1 Indirect standardization based on an age-sex regression model was used to calculate adjusted rates.

2 Based on unique patients (i.e., does not include multiple patient-visits).

Notes:

(1) No washout periods were applied; for example, if a patient's first hospitalization for stroke had a discharge date of March 31, 2009 (fiscal year 2008/09), followed by another hospitalization for stroke/TIA on April 1, 2009 (FY 2009/10), the April 1 hospitalization would be considered the first hospitalization in 2009/10 and not a readmission related to the hospitalization in 2008/09.

(2) Facility-based analysis (i.e., the location of the facility is used to report regional performance).

(3) Indicates significant difference from the provincial rate. Significance is based on the 95% confidence interval falling entirely above or below the provincial rate.

CI = confidence interval (5th–95th percentile).

EXHIBIT 7.2S-1 Age- and sex-adjusted stroke/TIA-related revisit or readmission rates within 90 days following a stroke or transient ischemic attack, in Ontario and by Ontario Stroke System region, 2003/04 and 2008/09–2010/11

Group/Subgroup	90-Day Revisit/Readmission Rate							
	2003/04		2008/09		2009/10		2010/11	
	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)
Ontario²	7.0	7.0 (6.6–7.3)	6.4	6.4 (6.1–6.7)	6.6	6.6 (6.3–7.0)	6.6	6.6 (6.3–6.9)
Ontario Stroke System Region								
Central East	8.1	8.0 (7.2–8.9)	7.0	7.0 (6.2–7.8)	7.6	7.6 (6.8–8.5)	6.9	6.9 (6.1–7.8)
Central South	6.8	6.8 (6.0–7.6)	6.1	6.1 (5.3–6.9)	6.4	6.4 (5.6–7.2)	6.8	6.8 (6.0–7.6)
Champlain	7.1	7.1 (6.1–8.2)	6.5	6.5 (5.4–7.5)	6.6	6.6 (5.6–7.7)	7.0	7.0 (6.0–8.1)
Northeast	6.8	6.8 (5.5–8.1)	5.8	5.8 (4.5–7.1)	8.1	8.1 (6.8–9.4)	6.3	6.3 (5.0–7.7)
Northwest	6.4	6.4 (4.3–8.5)	5.8	5.8 (3.8–7.8)	5.8	5.8 (3.8–7.9)	3.8	3.8 (1.9–5.8)
South East	7.2	7.2 (5.7–8.7)	5.6	5.6 (4.1–7.1)	6.0	6.0 (4.4–7.5)	7.4	7.3 (5.8–8.9)
Southwest	6.9	6.9 (6.0–7.7)	6.6	6.6 (5.8–7.4)	6.8	6.8 (6.0–7.6)	6.5	6.5 (5.7–7.3)
Toronto – North & East	6.3	6.3 (4.9–7.6)	6.2	6.2 (5.0–7.4)	5.7	5.7 (4.4–6.9)	5.5	5.4 (4.3–6.6)
Toronto – Southeast	6.4	6.5 (5.0–7.9)	5.8	5.8 (4.4–7.2)	5.8	5.8 (4.5–7.2)	6.6	6.6 (5.2–8.0)
Toronto – West	5.9	5.9 (4.7–7.1)	6.5	6.5 (5.4–7.7)	7.0	7.0 (5.9–8.2)	6.8	6.8 (5.6–7.9)
West GTA	7.3	7.3 (6.3–8.4)	6.9	6.9 (6.0–7.9)	5.9	5.9 (4.9–6.9)	6.7	6.7 (5.7–7.6)

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD) and National Ambulatory Care Reporting System (NACRS), 2003/04–2010/11.

Inclusion criteria: All patients aged ≥18 years readmitted to an emergency department or acute care inpatient setting with a diagnosis of stroke (ischemic or hemorrhagic) or transient ischemic attack within 90 days of the initial stroke or TIA event in each year.

Exclusion criteria: Patients with an elective admission, scheduled emergency department visit or transfer within a facility or between facilities within 24 hours.

1 Indirect standardization based on an age-sex regression model was used to calculate adjusted rates.

2 Based on unique patients (i.e., does not include multiple patient-visits).

Notes:

(1) No washout periods were applied; for example, if a patient's first hospitalization for stroke had a discharge date of March 31, 2009 (fiscal year 2008/09), followed by another hospitalization for stroke/TIA on April 1, 2009 (FY 2009/10), the April 1 hospitalization would be considered the first hospitalization in 2009/10 and not a readmission related to the hospitalization in 2008/09.

(2) Facility-based analysis (i.e., the location of the facility is used to report regional performance).

(3) Indicates significant difference from the provincial rate. Significance is based on the 95% confidence interval falling entirely above or below the provincial rate.

CI = confidence interval (5th–95th percentile).

EXHIBIT 7.2S-2 Age- and sex-adjusted stroke/TIA-related revisits or readmission rates within 365 days following a stroke or transient ischemic attack, in Ontario and by stroke type, Ontario Stroke System region, Ontario Stroke System designation and Local Health Integration Network, 2003/04 and 2008/09–2010/11

Group/Subgroup	Adjusted ¹ Revisit/Readmission Rate							
	2003/04		2008/09		2009/10		2010/11	
	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)
Ontario²	11.8	11.8 (11.4-12.2)	10.6	10.6 (10.2-11.0)	10.2	10.2 (9.8-10.6)	10.7	10.7 (10.3-11.1)
Stroke Type								
Intracerebral hemorrhage	8.8	9.0 (7.2-10.7)	7.1	7.2 (5.6-8.8)	8.3	8.4 (6.9-9.9)	7.3	7.4 (5.9-9.0)
Ischemic stroke	10.9	10.8 (10.3-11.4)	10.0	9.9 (9.4-10.5)	9.6	9.5 (9.0-10.1)	10.2	10.2 (9.6-10.7)
Subarachnoid hemorrhage	6.8	7.8 (5.1-10.4)	5.9	6.6 (4.3-9.0)	5.2	5.7 (3.4-7.9)	6.6	7.2 (5.0-9.5)
Transient ischemic attack	14.2	14.2 (13.4-14.9)	12.5	12.5 (11.9-13.2)	11.9	11.9 (11.3-12.6)	12.4	12.3 (11.7-13.0)
Ontario Stroke System Region								
Central East	12.7	12.6 (11.5-13.7)	11.3	11.2 (10.2-12.3)	11.2	11.2 (10.2-12.2)	11.6	11.5 (10.5-12.5)
Central South	11.4	11.4 (10.4-12.4)	10.4	10.3 (9.4-11.3)	9.8	9.8 (8.9-10.7)	10.8	10.8 (9.9-11.8)
Champlain	11.5	11.5 (10.2-12.8)	10.4	10.4 (9.1-11.7)	9.8	9.8 (8.6-11.1)	10.8	10.8 (9.5-12.1)
Northeast	12.5	12.6 (10.9-14.3)	10.3	10.3 (8.7-12.0)	11.8	11.8 (10.2-13.4)	11.3	11.4 (9.7-13.1)
Northwest	12.6	12.6 (10.0-15.3)	9.4	9.4 (6.9-11.9)	10.8	10.8 (8.4-13.3)	7.3	7.3 (4.9-9.8)
South East	13.2	13.1 (11.3-15.0)	10.9	10.9 (9.0-12.8)	10.1	10.0 (8.2-11.9)	11.4	11.3 (9.4-13.2)
Southwest	11.9	11.9 (10.8-13.0)	10.8	10.8 (9.7-11.8)	10.8	10.8 (9.8-11.8)	11.1	11.1 (10.0-12.1)
Toronto - North & East	10.8	10.7 (9.1-12.4)	9.8	9.7 (8.2-11.2)	8.3	8.3 (6.8-9.8)	9.9	9.9 (8.4-11.4)
Toronto - Southeast	11.5	11.7 (9.8-13.5)	9.8	9.9 (8.2-11.7)	9.8	9.9 (8.3-11.6)	10.1	10.3 (8.6-12.1)
Toronto - West	9.7	9.8 (8.3-11.4)	11.5	11.6 (10.1-13.0)	11.1	11.2 (9.8-12.6)	10.3	10.3 (8.9-11.8)
West GTA	12.2	12.3 (11.0-13.6)	10.7	10.8 (9.5-12.0)	9.0	9.0 (7.8-10.2)	9.7	9.7 (8.5-10.9)
Ontario Stroke System Designation								
Regional stroke centre	10.3	10.5 (9.6-11.4)	10.0	10.1 (9.4-10.9)	9.4	9.4 (8.7-10.2)	9.4	9.5 (8.8-10.3)
District stroke centre	13.0	13.0 (12.0-14.0)	10.1	10.1 (9.2-11.0)	10.8	10.8 (9.9-11.6)	11.5	11.4 (10.5-12.3)
Non-designated	12.0	12.0 (11.4-12.5)	11.1	11.0 (10.5-11.6)	10.5	10.4 (9.9-11.0)	11.0	11.0 (10.4-11.5)
Local Health Integration Network								
1. Erie St. Clair	13.6	13.6 (12.0-15.3)	10.5	10.4 (8.9-12.0)	10.9	10.8 (9.3-12.4)	10.9	10.9 (9.4-12.5)
2. South West	10.5	10.5 (9.0-12.0)	11.1	11.0 (9.6-12.4)	10.8	10.7 (9.4-12.0)	11.2	11.2 (9.8-12.5)
3. Waterloo Wellington	12.3	12.3 (10.3-14.3)	11.1	11.0 (9.2-12.9)	11.4	11.4 (9.6-13.1)	12.3	12.3 (10.5-14.1)
4. Hamilton Niagara Haldimand Brant	11.1	11.1 (9.9-12.3)	10.1	10.1 (8.9-11.2)	9.2	9.2 (8.0-10.3)	10.2	10.2 (9.1-11.3)
5. Central West	12.7	12.8 (10.6-15.0)	11.0	11.2 (9.1-13.2)	9.1	9.2 (7.2-11.2)	10.5	10.6 (8.6-12.5)
6. Mississauga Halton	11.9	12.0 (10.3-13.7)	10.5	10.5 (9.0-12.0)	8.9	8.9 (7.5-10.4)	9.2	9.2 (7.7-10.7)
7. Toronto Central	9.7	9.9 (8.5-11.2)	10.0	10.1 (8.9-11.3)	10.0	10.2 (9.0-11.3)	9.9	10.0 (8.8-11.2)
8. Central	11.1	10.9 (9.5-12.4)	10.6	10.6 (9.2-11.9)	10.0	10.0 (8.7-11.3)	11.0	11.0 (9.6-12.3)
9. Central East	12.9	12.8 (11.6-14.1)	11.8	11.7 (10.5-13.0)	10.7	10.7 (9.5-11.9)	11.2	11.1 (9.9-12.3)
10. South East	13.2	13.1 (11.3-15.0)	10.9	10.9 (9.0-12.8)	10.1	10.0 (8.2-11.9)	11.4	11.3 (9.4-13.2)
11. Champlain	11.5	11.5 (10.2-12.8)	10.4	10.4 (9.1-11.7)	9.8	9.8 (8.6-11.1)	10.8	10.8 (9.5-12.1)
12. North Simcoe Muskoka	13.0	12.8 (10.9-14.8)	11.0	10.8 (8.9-12.8)	11.4	11.4 (9.4-13.3)	11.4	11.3 (9.3-13.2)
13. North East	12.5	12.6 (10.9-14.3)	10.3	10.3 (8.7-12.0)	11.8	11.8 (10.2-13.4)	11.3	11.4 (9.7-13.1)
14. North West	12.6	12.6 (10.0-15.3)	9.4	9.4 (6.9-11.9)	10.8	10.8 (8.4-13.3)	7.3	7.3 (4.9-9.8)

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD) and National Ambulatory Care Reporting System (NACRS), 2003/04–2010/11.

Inclusion criteria: All patients aged ≥18 years readmitted to an emergency department or acute care inpatient setting with a diagnosis of stroke (ischemic or hemorrhagic) or transient ischemic attack within 365 days of the initial stroke or TIA event in each year.

Exclusion criteria: Patients with an elective admission, scheduled emergency department visit or transfer within a facility or between facilities within 24 hours.

- 1 Indirect standardization based on an age-sex regression model was used to calculate adjusted rates.
- 2 Based on unique patients (i.e., does not include multiple patient-visits).

Notes:

- (1) No washout periods were applied; for example, if a patient's first hospitalization for stroke had a discharge date of March 31, 2009 (fiscal year 2008/09), followed by another hospitalization for stroke/TIA on April 1, 2009 (FY 2009/10), the April 1 hospitalization would be considered the first hospitalization in 2009/10 and not a readmission related to the hospitalization in 2008/09.
- (2) Facility-based analysis (i.e., the location of the facility is used to report regional performance).
- (3) Indicates significant difference from the provincial rate. Significance is based on the 95% confidence interval falling entirely above or below the provincial rate.
- (4) See Appendix E for a list of hospitals designated as regional and district stroke centres by the Ontario Stroke System.

CI = confidence interval (5th–95th percentile).

EXHIBIT 7.3S-1 Age- and sex-adjusted all-cause readmission rates within 30 days following a stroke or transient ischemic attack, in Ontario and by Ontario Stroke System region, 2003/04 and 2009/10–2011/12

Group/Subgroup	30-Day All-Cause Readmission Rate							
	2003/04		2009/10		2010/11		2011/12	
	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)
Ontario²	8.9	8.8 (8.5–9.2)	8.0	8.0 (7.7–8.4)	8.1	8.1 (7.7–8.4)	8.0	8.0 (7.7–8.4)
Ontario Stroke System Region								
Central East	9.4	9.3 (8.3–10.3)	8.2	8.1 (7.2–9.0)	8.1	8.1 (7.1–9.0)	7.9	7.8 (6.9–8.7)
Central South	8.1	8.0 (7.2–8.9)	7.3	7.3 (6.4–8.1)	7.5	7.5 (6.7–8.4)	7.7	7.6 (6.7–8.5)
Champlain	8.4	8.4 (7.2–9.6)	7.3	7.3 (6.2–8.5)	7.8	7.8 (6.7–9.0)	7.5	7.5 (6.3–8.7)
Northeast	10.4	10.5 (9.1–12.0)	9.2	9.2 (7.8–10.7)	9.2	9.3 (7.8–10.8)	8.9	9.0 (7.5–10.5)
Northwest	5.9	5.9 (3.5–8.2)	9.6	9.6 (7.4–11.8)	8.7	8.7 (6.5–10.8)	8.1	8.2 (5.9–10.5)
South East	8.3	8.2 (6.6–9.9)	5.7	5.6 (4.0–7.3)	8.4	8.3 (6.6–10.0)	8.1	8.1 (6.3–9.8)
Southwest	9.2	9.2 (8.2–10.2)	7.8	7.8 (6.9–8.7)	7.4	7.4 (6.5–8.3)	8.0	7.9 (7.0–8.9)
Toronto – North & East	9.0	8.9 (7.5–10.4)	8.1	8.0 (6.7–9.3)	8.7	8.7 (7.4–10.0)	9.8	9.7 (8.3–11.0)
Toronto – Southeast	8.2	8.4 (6.7–10.0)	7.9	8.1 (6.6–9.6)	8.5	8.7 (7.2–10.3)	7.1	7.4 (5.7–9.0)
Toronto – West	9.5	9.7 (8.3–11.1)	10.1	10.2 (8.9–11.5)	8.8	8.9 (7.6–10.1)	8.4	8.5 (7.1–9.8)
West GTA	9.2	9.3 (8.1–10.4)	8.6	8.6 (7.6–9.7)	8.1	8.1 (7.1–9.2)	8.1	8.2 (7.1–9.3)

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD) and National Ambulatory Care Reporting System (NACRS), 2003/04–2011/12.

Inclusion criteria: All patients aged ≥18 years readmitted for any cause to an acute care inpatient setting within 30 days of initial stroke (ischemic or hemorrhagic) or transient ischemic attack event in each year (includes April 1, 2011 to February 29, 2012 for 2011/12).

Exclusion criteria: Patients with an elective admission or transfer within a facility or between facilities within 24 hours.

1 Indirect standardization based on an age-sex regression model was used to calculate adjusted rates.

2 Based on unique patients (i.e., does not include multiple patient-visits).

Notes:

(1) No washout periods were applied; for example, if a patient's first hospitalization for stroke had a discharge date of March 31, 2009 (fiscal year 2008/09), followed by another hospitalization for stroke/TIA on April 1, 2009 (FY 2009/10), the April 1 hospitalization would be considered the first hospitalization in 2009/10 and not a readmission related to the hospitalization in 2008/09.

(2) Facility-based analysis (i.e., the location of the facility is used to report regional performance).

(3) Indicates significant difference from the provincial rate. Significance is based on the 95% confidence interval falling entirely above or below the provincial rate.

CI = confidence interval (5th–95th percentile).

EXHIBIT 7.3S-2 Age- and sex-adjusted all-cause readmission rates within 30 days following a stroke or transient ischemic attack, in Ontario and by facility, 2003/04 and 2009/10–2011/12

Group/Subgroup				Adjusted ¹ 30-Day All-Cause Readmission Rate, %			
				2003/04	2009/10	2010/11	2011/12
Ontario²				8.8	8.0	8.1	8.0
Institution No.	Institution Name	Local Health Integration Network	Ontario Stroke System Region				
1067	Leamington District Memorial Hospital	Erie St. Clair	Southwest	9.1	6.0	7.6	11.9
1079	Windsor Regional Hospital (Metropolitan)	Erie St. Clair	Southwest	10.9	8.3	11.5	7.1
1223	Public General Hospital Society of Chatham	Erie St. Clair	Southwest	7.4	7.0	7.9	8.6
1239	Sydenham District Hospital	Erie St. Clair	Southwest	10.3	3.8	13.1	-
3707	Hôtel-Dieu Grace Hospital (St. Joseph)	Erie St. Clair	Southwest	9.6	10.0	6.8	7.5
4415	Bluewater Health (Sarnia)	Erie St. Clair	Southwest	9.7	8.0	5.5	7.2
4418	Bluewater Health (Petrolia)	Erie St. Clair	Southwest	12.2	-	-	10.4
1030	Grey Bruce Health Services (Lion's Head)	South West	Southwest	-	11.3	-	16.3
1059	St. Thomas-Elgin General Hospital	South West	Southwest	9.8	3.2	2.6	12.4
1124	Hanover & District Hospital	South West	Southwest	11.9	7.6	12.1	3.3
1199	Clinton Public Hospital	South West	Southwest	6.1	4.5	14.6	6.8
1203	South Huron Hospital	South West	Southwest	10.8	6.2	8.7	8.4
1206	Alexandra Marine & General Hospital	South West	Southwest	15.3	10.1	9.7	11.3
1213	Seaforth Community Hospital	South West	Southwest	3.9	4.9	6.9	12.9
1217	Wingham & District Hospital	South West	Southwest	2.9	8.3	13.6	3.6
1497	St. Joseph's Health Care, London	South West	Southwest	3.2	-	6.1	4.1
1507	Four Counties Health Services Corporation	South West	Southwest	9.6	5.1	-	-
1515	Strathroy Middlesex General Hospital	South West	Southwest	12.7	5.4	5.6	2.8
1696	Alexandra Hospital	South West	Southwest	10.2	9.8	15.7	5.6
1709	Tillsonburg District Memorial Hospital	South West	Southwest	9.9	5.8	9.2	6.2
1716	Woodstock General Hospital Trust	South West	Southwest	7.8	6.7	6.2	12.6
1740	Listowel Memorial Hospital	South West	Southwest	4.2	3.3	5.6	13.1
1748	St. Marys Memorial Hospital	South West	Southwest	-	-	10.1	7.0
1754	Stratford General Hospital	South West	Southwest	4.3	8.8	7.5	8.1
3850	London Health Sciences Centre (University)	South West	Southwest	8.7	7.0	6.8	7.1
3907	South Bruce Grey Health Centre (Kincardine)	South West	Southwest	11.4	7.3	7.0	2.8
3944	Grey Bruce Health Services (Owen Sound)	South West	Southwest	9.3	8.8	7.5	8.0
4025	Grey Bruce Health Services (Markdale)	South West	Southwest	9.7	7.7	8.6	10.3
4027	Grey Bruce Health Services (Meaford)	South West	Southwest	13.5	15.0	15.9	19.4
4030	Grey Bruce Health Services (Southampton)	South West	Southwest	8.6	13.9	8.5	7.7
4033	Grey Bruce Health Services (Warton)	South West	Southwest	13.1	11.2	8.7	7.6
4036	South Bruce Grey Health Centre (Durham)	South West	Southwest	9.9	10.2	3.8	21.6
4039	South Bruce Grey Health Centre (Walkerton)	South West	Southwest	12.2	7.6	10.0	5.6
4042	South Bruce Grey Health Centre (Chesley)	South West	Southwest	21.0	27.9	-	4.7
4379	Grey Bruce Health Services (Tobermory)	South West	Southwest	-	-	-	-
1905	Cambridge Memorial Hospital	Waterloo Wellington	Central South	7.5	9.6	9.4	7.4
1921	St. Mary's General Hospital	Waterloo Wellington	Central South	6.8	6.9	9.0	4.4
1936	Groves Memorial Community Hospital	Waterloo Wellington	Central South	8.1	5.4	5.2	9.0
1946	Guelph General Hospital	Waterloo Wellington	Central South	4.7	6.6	8.6	7.7
3734	Grand River Hospital Corporation (Waterloo)	Waterloo Wellington	Central South	6.1	5.7	7.0	6.7
4323	North Wellington Health Care (Mount Forest)	Waterloo Wellington	Central South	7.9	-	4.5	16.0
4326	North Wellington Health Care (Palmerston)	Waterloo Wellington	Central South	23.6	10.9	22.3	-
1146	Haldimand War Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	15.0	10.6	2.5	6.2
1149	West Haldimand General Hospital	Hamilton Niagara Haldimand Brant	Central South	8.6	16.5	2.7	7.3
1160	Joseph Brant Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	7.3	6.2	5.6	6.8
1538	West Lincoln Memorial Hospital	Hamilton Niagara Haldimand Brant	Central South	11.4	10.0	20.4	6.6
1591	Norfolk General Hospital	Hamilton Niagara Haldimand Brant	Central South	8.7	7.9	6.0	12.1
1982	Hamilton Health Sciences Corp (General)	Hamilton Niagara Haldimand Brant	Central South	7.5	7.1	6.4	7.1
1983	Hamilton Health Sciences Corp (Juravinski)	Hamilton Niagara Haldimand Brant	Central South	13.8	4.6	9.3	7.9
1994	Hamilton Health Sciences Corp (McMaster)	Hamilton Niagara Haldimand Brant	Central South	9.2	11.4	8.7	0.0
2003	St. Joseph's Health Care System (Hamilton)	Hamilton Niagara Haldimand Brant	Central South	9.5	10.5	10.5	9.7
3644	St. Joseph's Community Health Centre	Hamilton Niagara Haldimand Brant	Central South	5.8	-	-	-
4210	Niagara Health System (Fort Erie Douglas)	Hamilton Niagara Haldimand Brant	Central South	12.9	-	-	-

EXHIBIT 7.3S-2 *continued*

Group/Subgroup				Adjusted ¹ 30-Day All-Cause Readmission Rate, %			
				2003/04	2009/10	2010/11	2011/12
Institution No.	Institution Name	Local Health Integration Network	Ontario Stroke System Region				
4213	Niagara Health System (Greater Niagara)	Hamilton Niagara Haldimand Brant	Central South	7.1	4.5	6.0	7.8
4219	Niagara Health System (Port Colborne)	Hamilton Niagara Haldimand Brant	Central South	6.1	9.0	11.8	-
4224	Niagara Health System (St. Catharines)	Hamilton Niagara Haldimand Brant	Central South	8.1	8.3	8.2	9.7
4227	Niagara Health System (Welland County)	Hamilton Niagara Haldimand Brant	Central South	7.9	10.3	6.7	9.6
4627	Niagara Health System (Ontario Street)	Hamilton Niagara Haldimand Brant	Central South	-	-	-	-
4737	Hamilton Health Sciences Corp (West End)	Hamilton Niagara Haldimand Brant	Central South	-	-	-	9.2
4675	Brant Community Healthcare System (Brantford)	Hamilton Niagara Haldimand Brant	Central South	5.8	7.6	7.8	6.8
4680	Brant Community Healthcare System (Willet)	Hamilton Niagara Haldimand Brant	Central South	-	-	-	-
3684	Headwaters Health Care Centre (Dufferin)	Central West	West GTA	11.3	9.4	7.1	9.0
3929	William Osler Health System (Etobicoke)	Central West	West GTA	12.0	8.7	8.9	7.0
4016	William Osler Health System (Brampton)	Central West	West GTA	8.2	-	-	-
4681	William Osler Health System (Civic)	Central West	West GTA	-	7.7	9.7	8.0
3286	Credit Valley Hospital	Mississauga Halton	West GTA	5.3	9.4	7.8	7.3
3917	Trillium Health Centre (Mississauga)	Mississauga Halton	West GTA	9.2	9.6	8.0	9.4
3926	Halton Healthcare Services Corp (Oakville)	Mississauga Halton	West GTA	11.2	7.4	6.1	9.5
4019	William Osler Health Centre (Georgetown)	Mississauga Halton	West GTA	4.7	-	-	-
4022	Halton Healthcare Services Corp (Milton)	Mississauga Halton	West GTA	14.1	5.4	6.7	1.5
4363	Trillium Health Centre (West Toronto)	Mississauga Halton	West GTA	5.2	4.8	7.8	15.3
4622	Halton Healthcare Services Corp (Georgetown)	Mississauga Halton	West GTA	-	8.8	9.5	4.6
1302	Toronto East General Hospital	Toronto Central	Toronto - Southeast	8.6	10.8	6.8	7.6
1406	Hospital for Sick Children	Toronto Central	Toronto - West	-	-	-	-
1423	Mount Sinai Hospital	Toronto Central	Toronto - West	13.0	12.9	9.4	8.6
1443	St. Joseph's Health Centre	Toronto Central	Toronto - West	9.8	9.9	9.9	9.7
1444	St. Michael's Hospital	Toronto Central	Toronto - Southeast	7.8	6.3	8.0	8.1
3910	University Health Network	Toronto Central	Toronto - West	8.3	10.6	8.8	8.0
3936	Sunnybrook Health Sciences Centre	Toronto Central	Toronto - Northeast	8.8	8.2	9.2	9.0
4269	Sunnybrook & Women's College Hospital (Women's)	Toronto Central	Toronto - Northeast	-	-	-	-
4631	Women's College Hospital	Toronto Central	Toronto - Northeast	-	-	25.0	-
1329	North York General Hospital (Branson)	Central	Toronto - North & East	21.5	-	-	-
1330	North York General Hospital	Central	Toronto - North & East	8.8	7.6	7.3	9.1
1343	Humber River Regional Hospital (York-Finch)	Central	Toronto - West	9.9	7.1	8.8	8.4
1817	Stevenson Memorial Hospital, Alliston	Central	Central East	14.6	11.6	13.0	18.3
2038	Southlake Regional Health Centre	Central	Central East	7.5	9.7	7.8	6.5
2046	Mackenzie Health	Central	Central East	7.5	7.8	8.4	4.5
3587	Markham Stouffville Hospital	Central	Central East	6.8	9.4	5.8	7.5
3883	Humber River Regional Hospital (Humber Memorial)	Central	Toronto - West	10.0	10.3	7.9	8.5
4465	Markham Stouffville Hospital (Uxbridge)	Central East	Central East	10.7	6.5	-	6.5
1597	Campbellford Memorial Hospital	Central East	Central East	14.0	11.6	5.0	9.6
1768	Peterborough Regional Health Centre	Central East	Central East	11.3	4.7	8.8	9.3
1893	Ross Memorial Hospital	Central East	Central East	13.3	7.4	7.9	6.4
3737	Haliburton Highlands Health Services Corp (Haliburton)	Central East	Central East	6.2	-	12.3	-
3860	Northumberland Hills Hospital	Central East	Central East	5.6	7.3	6.8	4.9
3932	Lakeridge Health Corporation (Oshawa)	Central East	Toronto - Southeast	11.0	8.1	6.3	8.6
3943	Rouge Valley Health System (Centenary)	Central East	Central East	9.2	7.6	12.0	6.7
4005	Lakeridge Health Corporation (Port Perry)	Central East	Central East	7.2	3.2	9.3	11.5
4008	Lakeridge Health Corporation (Bowmanville)	Central East	Toronto - Southeast	7.9	9.8	9.6	6.5
4014	Rouge Valley Health System (Ajax)	Central East	Toronto - North & East	7.2	8.6	9.0	6.0
4152	Scarborough Hospital (General)	Central East	Toronto - North & East	9.4	7.3	9.6	10.5
4154	Scarborough Hospital (Grace)	Central East	Central East	8.1	8.9	8.4	11.9
4191	Haliburton Highlands Health Services Corp (Minden)	Central East	Central East	-	29.3	22.6	23.3
1097	Hotel Dieu Hospital (Kingston)	South East	South East	-	-	-	-
1100	Kingston General Hospital	South East	South East	7.7	3.7	7.4	9.0
1269	Perth & Smiths Falls District Hospital (Smiths Falls)	South East	South East	8.2	10.2	16.7	14.9
1273	Brockville General Hospital	South East	South East	15.2	6.7	8.0	7.8

EXHIBIT 7.3S-2 continued

Group/Subgroup				Adjusted ¹ 30-Day All-Cause Readmission Rate, %			
				2003/04	2009/10	2010/11	2011/12
Institution No.	Institution Name	Local Health Integration Network	Ontario Stroke System Region				
1295	Lennox & Addington County General Hospital	South East	South East	13.1	7.2	8.1	8.3
3732	Perth & Smiths Falls District Hospital (Perth)	South East	South East	9.2	5.6	6.2	7.3
3988	Quinte Healthcare Corporation (Belleville)	South East	South East	6.1	6.1	7.1	4.9
3991	Quinte Healthcare Corporation (Bancroft)	South East	South East	6.9	3.2	9.0	6.2
3992	Quinte Healthcare Corporation (Picton)	South East	South East	8.3	12.1	9.1	10.4
3994	Quinte Healthcare Corporation (Trenton)	South East	South East	4.4	4.5	12.9	10.9
4601	Hotel Dieu Hospital (Kingston)	South East	South East	-	4.3	-	7.8
1254	Almonte General Hospital	Champlain	Champlain	13.8	5.8	-	15.6
1256	Carleton Place & District Memorial Hospital	Champlain	Champlain	7.0	4.0	12.8	3.8
1284	Kemptville District Hospital	Champlain	Champlain	9.2	-	24.9	16.0
1657	Children's Hospital of Eastern Ontario	Champlain	Champlain	-	-	-	-
1661	Hôpital Montfort	Champlain	Champlain	8.7	5.1	7.7	8.1
1681	Queensway-Carleton Hospital	Champlain	Champlain	9.9	5.7	6.9	7.2
1777	Hawkesbury & District General Hospital	Champlain	Champlain	10.7	4.3	11.5	11.3
1799	Arnprior & District Memorial Hospital	Champlain	Champlain	13.8	12.4	6.3	6.8
1801	St. Francis Memorial Hospital	Champlain	Champlain	10.8	4.8	5.5	21.6
1803	Deep River & District Hospital	Champlain	Champlain	8.1	7.3	-	-
1804	Pembroke Regional Hospital Inc.	Champlain	Champlain	10.1	4.5	10.8	9.6
1813	Renfrew Victoria Hospital	Champlain	Champlain	8.4	6.4	7.5	8.0
1870	Glengarry Memorial Hospital	Champlain	Champlain	9.3	5.4	2.8	5.2
1885	Winchester District Memorial Hospital	Champlain	Champlain	13.0	4.2	5.3	4.1
4046	Ottawa Hospital (Civic)	Champlain	Champlain	8.2	7.8	7.2	6.8
4048	Ottawa Hospital (General)	Champlain	Champlain	6.5	9.6	7.2	7.3
4164	University of Ottawa Heart Institute	Champlain	Champlain	-	-	-	-
4451	Cornwall Community Hospital	Champlain	Champlain	5.4	12.1	10.0	6.7
1825	Royal Victoria Regional Health Centre	North Simcoe Muskoka	Central East	10.1	12.3	9.2	9.1
1833	Collingwood General & Marine Hospital	North Simcoe Muskoka	Central East	12.4	7.9	9.5	7.7
1844	Georgian Bay General Hospital (Midland)	North Simcoe Muskoka	Central East	5.6	7.6	11.6	10.0
1853	Orillia Soldiers' Memorial Hospital	North Simcoe Muskoka	Central East	10.0	9.4	8.0	5.9
4616	Muskoka Algonquin Healthcare (Huntsville)	North Simcoe Muskoka	Central East	11.7	2.4	2.5	8.6
4619	Muskoka Algonquin Healthcare (Bracebridge)	North Simcoe Muskoka	Central East	7.9	2.3	10.8	8.3
2057	Blind River District Health Centre/Pavillon Santé	North East	Northeast	-	-	19.7	8.7
2058	St. Joseph's General Hospital	North East	Northeast	9.1	13.2	8.8	15.2
2061	Hornepayne Community Hospital	North East	Northeast	-	-	-	14.3
2064	Sault Area Hospital (Richards Landing)	North East	Northeast	-	-	-	-
2075	Sault Area Hospital (Thessalon)	North East	Northeast	-	-	-	-
2076	Lady Dunn Health Centre	North East	Northeast	18.0	32.3	11.3	19.7
2078	Lady Minto Hospital	North East	Northeast	21.9	12.6	-	18.9
2082	Hôpital Notre Dame Hospital (Hearst)	North East	Northeast	13.4	7.6	5.1	8.8
2084	Anson General Hospital	North East	Northeast	16.2	10.0	15.7	7.4
2088	Sensenbrenner Hospital	North East	Northeast	10.7	9.4	24.7	12.4
2090	Bingham Memorial Hospital	North East	Northeast	-	29.6	12.6	20.0
2094	Smooth Rock Falls Hospital	North East	Northeast	48.3	-	-	-
2121	Manitoulin Health Centre (Little Current)	North East	Northeast	16.7	9.5	8.8	11.5
2123	Manitoulin Health Centre (Mindemoya)	North East	Northeast	17.4	10.3	11.0	6.1
2126	Mattawa General Hospital	North East	Northeast	8.6	-	-	16.2
2173	Services de santé de Chapleau Health Services	North East	Northeast	14.6	-	-	-
2174	Espanola General Hospital	North East	Northeast	15.3	13.5	15.6	-
2204	Englehart & District Hospital	North East	Northeast	-	5.2	12.8	-
2207	Temiskaming Hospital	North East	Northeast	7.4	8.0	1.9	8.2
2211	Kirkland & District Hospital	North East	Northeast	16.9	8.2	10.0	11.3
2812	West Nipissing General Hospital	North East	Northeast	19.0	9.3	3.7	6.9
4730	North Bay Regional Health Centre	North East	Northeast	8.1	7.5	4.7	10.3
3414	Timmins & District General Hospital	North East	Northeast	11.2	11.3	13.4	8.6

EXHIBIT 7.3S-2 *continued*

Group/Subgroup				Adjusted ¹ 30-Day All-Cause Readmission Rate, %			
				2003/04	2009/10	2010/11	2011/12
Institution No.	Institution Name	Local Health Integration Network	Ontario Stroke System Region				
3729	West Parry Sound Health Centre	North East	Northeast	7.2	13.6	6.0	4.3
4059	Hôpital régional de Sudbury Regional Hospital (Laurentian)	North East	Northeast	9.4	9.6	9.4	7.1
4407	Sault Area Hospital (Sault Ste. Marie)	North East	Northeast	10.4	7.8	11.8	11.0
4698	Weeneebayko Area Health Authority (Moose Factory)	North East	Northeast	-	-	22.0	15.3
4700	Weeneebayko Area Health Authority (Fort Albany)	North East	Northeast	-	-	-	-
4702	Weeneebayko Area Health Authority (Attawapiskat)	North East	Northeast	-	-	-	-
2103	Dryden Regional Health Centre	North West	Northwest	17.7	5.4	11.7	6.6
2110	Lake-of-the-Woods District Hospital	North West	Northwest	7.4	15.8	2.1	9.7
2115	Red Lake Margaret Cochenour Memorial Hospital	North West	Northwest	-	24.3	28.4	0.0
2147	Atikokan General Hospital	North West	Northwest	33.5	-	8.8	15.7
2148	Riverside Health Care Facility (Emo)	North West	Northwest	43.1	-	-	-
2150	Riverside Health Care Facility (La Vérendrye)	North West	Northwest	-	7.1	9.7	10.6
2153	Riverside Health Care Facility (Rainy River)	North West	Northwest	-	-	11.6	14.3
2175	Geraldton District Hospital	North West	Northwest	-	-	20.3	-
2176	Manitouwadge General Hospital	North West	Northwest	-	-	-	-
2177	Wilson Memorial General Hospital	North West	Northwest	15.4	40.7	46.1	16.3
2178	Nipigon District Memorial Hospital	North West	Northwest	-	10.2	-	9.1
2180	McCausland Hospital	North West	Northwest	-	-	-	24.1
3853	Thunder Bay Regional Health Sciences Centre	North West	Northwest	4.8	9.0	8.5	7.8
4353	Sioux Lookout Meno Ya Win Health Centre (District)	North West	Northwest	-	23.4	-	-
4356	Sioux Lookout Meno Ya Win Health Centre (Zone)	North West	Northwest	-	-	12.2	-

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD) and National Ambulatory Care Reporting System (NACRS), 2003/04-2011/12.

Inclusion criteria: All patients aged ≥18 years readmitted for any cause to an acute care inpatient setting within 30 days of initial stroke (ischemic or hemorrhagic) or transient ischemic attack event in each year (includes April 1, 2011 to February 29, 2012 for 2011/12).

Exclusion criteria: Patients with an elective admission or transfer within a facility or between facilities within 24 hours.

1 Indirect standardization based on an age-sex regression model was used to calculate adjusted rates.

2 Based on unique patients (i.e., does not include multiple patient-visits).

Notes:

(1) No washout periods were applied; for example, if a patient's first hospitalization for stroke had a discharge date of March 31, 2009 (FY 2008/09), followed by another hospitalization for stroke/TIA on April 1, 2009 (FY 2009/10), the April 1 hospitalization would be considered the first hospitalization in 2009/10 and not a readmission related to the hospitalization in 2008/09.

(2) Facility-based analysis (i.e., the location of the facility is used to report regional performance).

(3) Cells in which there were no reported/available data are marked with a hyphen (-).

CI = confidence interval (5th-95th percentile).

EXHIBIT 7.4S Risk-adjusted in-hospital mortality rates among adult patients following a stroke or transient ischemic attack, in Ontario and by Ontario Stroke System region, based on a 3-year combined rate for 2003/04–2005/06, 2006/07–2008/09 and 2009/10–2011/12

Group/Subgroup	In-hospital Mortality Rate					
	Three-year combined 2003/04 to 2005/06		Three-year combined 2006/07 to 2008/09		Three-year combined 2009/10 to 2011/12	
	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)
Ontario²	15.0	13.7 (13.5–14.1)	14.7	13.3 (13.0–13.5)	12.2	11.4 (11.1–11.6)
Ontario Stroke System Region						
Central East	15.0	14.3 (13.5–15.0)	14.4	13.8 (13.01–14.6)	11.3	11.3 (10.6–12.1)
Central South	15.4	14.1 (13.4–14.8)	15.1	14.0 (13.3–14.6)	11.8	10.9 (10.2–11.5)
Champlain	16.0	14.0 (13.0–14.9)	15.5	13.5 (12.5–14.5)	13.6	12.0 (11.1–12.9)
Northeast	13.3	16.2 (14.9–17.5)	14.2	16.4 (15.1–17.6)	12.8	14.9 (13.7–16.0)
Northwest	12.0	13.7 (11.8–15.6)	9.6	10.9 (9.1–12.7)	9.4	10.5 (8.8–12.3)
South East	18.2	17.0 (15.7–18.3)	18.0	15.8 (14.5–17.1)	16.0	14.0 (12.7–15.2)
Southwest	13.8	14.2 (13.4–15.0)	14.5	14.0 (13.2–14.8)	13.1	12.6 (11.8–13.3)
Toronto – North & East	17.5	14.4 (13.4–15.4)	14.3	13.4 (12.4–14.5)	10.4	10.4 (9.4–11.4)
Toronto – Southeast	13.6	13.1 (11.8–14.3)	15.4	13.7 (12.5–14.9)	10.6	9.8 (8.7–11.0)
Toronto – West	16.1	13.9 (12.9–14.8)	16.3	14.1 (13.1–15.0)	12.1	11.2 (10.2–12.1)
West GTA	13.4	12.3 (11.4–13.2)	13.4	12.7 (11.8–13.6)	12.3	11.5 (10.7–12.3)

Data source: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD), 2003/04–2011/12.

Inclusion criteria: All patients aged ≥18 years who died in an inpatient setting of an acute care hospital in Ontario with a diagnosis of stroke (ischemic or hemorrhagic) or transient ischemic attack in each fiscal year.

1 Adjusted rate is the observed mortality rate adjusted for risk [age + sex + ambulance arrival + atrial fibrillation + stroke/TIA + (coronary artery disease or percutaneous coronary intervention or coronary artery bypass graft) + (carotid disease or carotid endarterectomy/carotid artery stenting) + diabetes + hypertension + peripheral vascular disease + hyperlipidemia + stroke type].

2 Based on unique patients (i.e., does not include multiple patient-visits).

Notes:

- (1) Facility-based analysis (i.e., the location of the facility is used to report regional performance).
- (2) Indicates significant difference from the provincial rate. Significance is based on the 95% confidence interval falling entirely above or below the provincial rate.
- (3) See Appendix K for risk-adjusted mortality models.

CI = confidence interval (5th–95th percentile).

EXHIBIT 7.5S Risk-adjusted mortality rates at 30 days following a stroke or transient ischemic attack, in Ontario and by Ontario Stroke System region, based on a 3-year combined rate for 2003/04–2005/06, 2006/07–2008/09 and 2009/10–2011/12

Group/Subgroup	30-Day Mortality Rate					
	Three-year combined 2003/04 to 2005/06		Three-year combined 2006/07 to 2008/09		Three-year combined 2009/10 to 2011/12	
	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)
Ontario²	16.6	15.8 (15.5–16.1)	16.3	15.2 (14.9–15.5)	13.9	13.5 (13.2–13.8)
Ontario Stroke System Region						
Central East	17.1	16.3 (15.5–17.1)	16.4	15.8 (15.0–16.7)	13.7	13.7 (12.9–14.5)
Central South	17.2	15.9 (15.2–16.5)	17.2	16.2 (15.5–16.9)	14.6	13.6 (13.0–14.3)
Champlain	17.4	15.4 (14.5–16.4)	16.6	14.8 (13.8–15.8)	15.1	13.5 (12.5–14.5)
Northeast	14.8	17.7 (16.4–19.1)	15.3	17.6 (16.3–18.9)	13.9	16.1 (14.9–17.3)
Northwest	14.2	16.3 (14.3–18.3)	12.6	14.7 (12.8–16.6)	10.2	11.6 (9.7–13.4)
South East	18.7	17.4 (16.0–18.8)	18.6	16.4 (15.0–17.8)	17.7	15.7 (14.4–17.0)
Southwest	16.7	17.2 (16.4–18.0)	16.5	16.2 (15.4–17.0)	15.0	14.5 (13.8–15.3)
Toronto – North & East	17.9	15.5 (14.4–16.5)	14.8	14.7 (13.6–15.8)	11.4	11.6 (10.5–12.7)
Toronto – Southeast	14.8	14.5 (13.1–15.8)	16.4	15.0 (13.8–16.3)	12.2	11.6 (10.3–12.8)
Toronto – West	15.7	14.0 (13.0–15.0)	16.6	14.9 (13.9–15.9)	12.3	11.7 (10.7–12.7)
West GTA	15.6	14.4 (13.4–15.3)	15.9	15.4 (14.5–16.4)	14.0	13.4 (12.6–14.3)

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD), 2003/04–2011/12; Ontario Ministry of Health and Long-Term Care, Registered Persons Database (RPDB); 2003/04–2011/12.

Inclusion criteria: All patients aged ≥18 years who died either in hospital or following discharge within 30 days of admission to an inpatient setting of an acute care hospital with a diagnosis of stroke (ischemic or hemorrhagic) or transient ischemic attack, in each fiscal year (includes April 1, 2011 to February 29, 2012 for 2011/12).

- Adjusted rate is the observed mortality rate adjusted for risk [age + sex + ambulance arrival + atrial fibrillation + stroke/TIA + (coronary artery disease or percutaneous coronary intervention or coronary artery bypass graft) + (carotid disease or carotid endarterectomy/carotid artery stenting) + diabetes + hypertension + peripheral vascular disease + hyperlipidemia + stroke type].
- Based on unique patients (i.e., does not include multiple patient-visits).

Notes:

- Facility-based analysis (i.e., the location of the facility is used to report regional performance).
- Indicates significant difference from the provincial rate. Significance is based on the 95% confidence interval falling entirely above or below the provincial rate.
- See Appendix K for risk-adjusted mortality models.

CI = confidence interval (5th–95th percentile).

EXHIBIT 7.6S Risk-adjusted mortality rates at 1 year following a stroke or transient ischemic attack, in Ontario and by Ontario Stroke System region, based on a 3-year combined rate for 2003/04–2005/06 and 2006/07–2008/09 and a 2-year combined rate for 2009/10–2010/11

Group/Subgroup	One-Year Mortality Rate					
	Three-year combined 2003/04 to 2005/06		Three-year combined 2006/07 to 2008/09		Two-year combined 2009/10 to 2010/11	
	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)	Observed, %	Adjusted ¹ , % (CI)
Ontario²	28.0	27.5 (27.1–27.9)	27.5	26.6 (26.2–26.9)	25.5	25.3 (24.8–25.7)
Ontario Stroke System Region						
Central East	29.4	28.1 (27.1–29.0)	28.0	26.8 (25.8–27.8)	25.4	25.0 (23.8–26.2)
Central South	29.4	28.0 (27.1–28.8)	28.9	27.7 (26.8–28.6)	26.7	25.7 (24.6–26.7)
East – Champlain	29.5	27.6 (26.3–28.8)	27.9	25.7 (24.5–26.9)	27.0	25.1 (23.6–26.6)
Northeast	25.4	29.7 (28.1–31.3)	25.2	28.2 (26.6–29.7)	23.9	26.9 (25.0–28.7)
Northwest	23.2	26.5 (24.0–28.9)	20.9	23.6 (21.3–25.9)	21.1	23.1 (20.3–25.9)
South East	30.7	29.1 (27.4–30.7)	29.5	26.9 (25.2–28.6)	28.7	26.2 (24.1–28.2)
Southwest	27.4	28.4 (27.4–29.3)	28.4	27.7 (26.8–28.7)	27.1	26.4 (25.3–27.5)
Toronto – North & East	28.2	25.9 (24.7–27.2)	25.6	25.7 (24.4–27.0)	22.3	23.1 (21.4–24.7)
Toronto – Southeast	25.2	26.2 (24.5–27.8)	27.7	27.5 (25.9–29.0)	23.3	24.3 (22.3–26.3)
Toronto – West	28.0	26.9 (25.6–28.1)	27.3	26.3 (25.0–27.5)	25.3	25.3 (23.8–26.9)
West GTA	26.8	26.1 (25.0–27.3)	26.7	26.6 (25.4–27.7)	24.7	24.4 (23.1–25.7)

Data sources: Canadian Institute for Health Information, Discharge Abstract Database (CIHI-DAD), 2003/04–2010/11; Ontario Ministry of Health and Long-Term Care, Registered Persons Database (RPDB), 2003/04–2011/12.

Inclusion criteria: All patients aged ≥18 years who died either in hospital or following discharge within 365 days of admission to an inpatient setting of an acute care hospital with a diagnosis of stroke (ischemic or hemorrhagic) or transient ischemic attack, in each fiscal year.

1 Adjusted rate is the observed mortality rate adjusted for risk [age + sex + ambulance arrival + atrial fibrillation + stroke/TIA + (coronary artery disease or percutaneous coronary intervention or coronary artery bypass graft) + (carotid disease or carotid endarterectomy/carotid artery stenting) + diabetes + hypertension + peripheral vascular disease + hyperlipidemia + stroke type].

2 Based on unique patients (i.e., does not include multiple patient-visits).

Notes:

- (1) Facility-based analysis (i.e., the location of the facility is used to report regional performance).
- (2) Indicates significant difference from the provincial rate. Significance is based on the 95% confidence interval falling entirely above or below the provincial rate.
- (3) See Appendix K for risk-adjusted mortality models.

CI = confidence interval (5th–95th percentile).