

Statewide Report (2010 – 2011)

The tables below list PSS hospital-specific performance on the percentage of eligible¹ patients who received IV-tPA in the years 2009 and 2010 combined. The tables also allow you to compare a hospital's performance to the overall statewide performance. Due to MA Department of Public Health standards for patient confidentiality, we are unable to provide hospital specific performance rates for [hospitals that received 5 eligible patients or less](#).

Reading the Tables

The first table shows that a total of 1,082 eligible patients arrived at one of 69² PSS Hospitals throughout the state and 83.3% received IV-tPA. The following table lists the number of eligible patients received by each hospital, the number and percentage who received IV-tPA and how each hospital performance compares to the statewide performance. A hospital's performance for the administration of IV-tPA is compared to the overall statewide performance rate for all Primary Stroke Service hospitals in the fifth column. It is listed as Equal, More Often, or Less Often, meaning that the hospital provided IV-tPA to eligible patients equal to, or more or less often than the state rate. In order for a hospital to be noted as providing IV-tPA more or less often, the difference between the hospital rate and the state rate has to be statistically significant³. This means that the difference in the rates is unlikely to have happened by chance and more likely to be related to hospital practices. Otherwise, the hospital's rate is noted as "Equal" to the statewide rate. The final 3 columns list which of the 3 peer groups the hospital falls into.

	Statewide Totals
# of Hospitals	69 ²
# of Eligible¹ Patients	1,082
% Received IV-tPA	83.3%

Hospital	# of Patients Eligible ¹ for IV-tPA	Patients who Received IV-tPA		Statistical Comparison to State	Peer Group		
		#	%		Region	Size	Teaching Status
Anna Jaques Hospital, Newburyport	14	13	92.9	Equal	North	100 – 199 beds	No
Athol Memorial Hospital, Athol	6	6	100	Equal	Central	<100 beds	No
Baystate Medical Center, Springfield	44	39	88.6	Equal	West	200+ beds	Yes
Berkshire Medical Center, Pittsfield	26	26	100	Equal	West	200+ beds	No
Beth Israel Deaconess Medical Center, Boston (West Campus)	25	24	96.0	Equal	Metro	200+ beds	Yes
Beverly Hospital, Beverly	8	8	100	Equal	North	200+ beds	No
Boston Medical Center (Menino Campus), Boston	31	31	100	Equal	Metro	200+ beds	Yes
Brigham & Women's Hospital, Boston	15	15	100	Equal	Metro	200+ beds	Yes
Cape Cod Hospital, Hyannis	27	24	88.9	Equal	South	200+ beds	No
Cooley Dickinson Hospital, Northampton	15	13	86.7	Equal	West	100 - 199 beds	No
Emerson Hospital, Concord	10	6	60.0	Equal	Metro	100 - 199 beds	No
Falmouth Hospital, Falmouth	11	11	100	Equal	South	<100 beds	No
Good Samaritan Medical Center, Brockton	20	18	90.0	Equal	South	100 - 199 beds	No
Harrington Memorial Hospital, Southbridge	8	6	75.0	Equal	Central	100 - 199 beds	No
Health Alliance Hospital, Leominster	14	†	†	Less Often	Central	100 - 199 beds	No
Heywood Hospital, Gardner	17	11	64.7	Equal	Central	100 - 199 beds	No
Holy Family Hospital, Methuen	22	16	72.7	Equal	North	200+ beds	No

Holyoke Medical Center, Holyoke	24	24	100	Equal	West	200+ beds	No
Jordan Hospital, Plymouth	13	12	92.3	Equal	South	100 - 199 beds	No
Lahey Clinic Hospital, Burlington	46	41	89.1	Equal	Metro	200+ beds	Yes
Lawrence General Hospital, Lawrence	19	13	68.4	Equal	North	100 - 199 beds	No
Lowell General Hospital, Lowell	18	10	55.6	Less Often	North	100 - 199 beds	No
Marlborough Hospital, Marlborough	21	15	71.4	Equal	Metro	<100 beds	No
Martha's Vineyard Hospital, Oak Bluffs	9	†	†	Equal	South	<100 beds	No
Massachusetts General Hospital, Boston	51	48	94.1	Equal	Metro	200+ beds	Yes
Mercy Hospital, Springfield	12	11	91.7	Equal	West	200+ beds	No
MetroWest Medical Center, Framingham Campus	20	17	85.0	Equal	Metro	100 - 199 beds	No
MetroWest Medical Center, Natick Campus	8	8	100	Equal	Metro	100 - 199 beds	No
Milford Regional Medical Center, Milford	12	11	91.7	Equal	Central	100 - 199 beds	No
Milton Hospital, Milton	15	6	40.0	Less Often	Metro	<100 beds	No
Morton Hospital, Taunton	12	12	100	Equal	South	100 - 199 beds	No
Mount Auburn Hospital, Cambridge	16	16	100	Equal	Metro	200+ beds	Yes
Newton-Wellesley Hospital, Newton	29	28	96.6	Equal	Metro	200+ beds	No
Noble Hospital, Westfield	9	9	100	Equal	West	<100 beds	No
North Shore Medical Center-Salem Hospital, Salem	31	29	93.6	Equal	North	200+ beds	No
North Shore Medical Center-Union Hospital, Lynn	8	8	100	Equal	North	100 - 199 beds	No
Norwood Hospital, Norwood	27	24	88.9	Equal	Metro	200+ beds	No
Quincy Medical Center, Quincy	6	6	100	Equal	Metro	100 - 199 beds	No
St. Anne's Hospital, Fall River	9	8	88.9	Equal	South	100 - 199 beds	No

Saints Memorial Medical Center, Lowell	7	†	†	Equal	North	100 - 199 beds	No
Signature Healthcare Brockton Hospital, Brockton	20	19	95.0	Equal	South	200+ beds	No
South Shore Hospital, South Weymouth	31	23	74.2	Equal	Metro	200+ beds	No
Southcoast Hospitals Group/ Charlton, Fall River	35	19	54.3	Less Often	South	200+ beds	No
Southcoast Hospitals Group/ St. Luke's, New Bedford	55	32	58.2	Less Often	South	200+ beds	No
Southcoast Hospitals Group/ Tobey, Wareham	10	6	60.0	Equal	South	<100 beds	No
St. Elizabeth's Medical Center, Brighton	13	9	69.2	Equal	Metro	200+ beds	Yes
St. Vincent Hospital, Worcester	26	22	84.6	Equal	Central	200+ beds	Yes
Sturdy Memorial Hospital, Attleboro	10	8	80.0	Equal	South	100 - 199 beds	No
Tufts Medical Center, Boston	15	13	86.7	Equal	Metro	200+ beds	Yes
UMass Memorial Medical Center - University Campus, Worcester	74	67	90.5	Equal	Central	200+ beds	Yes

† - Insufficient Data to Report due to patient confidentiality concerns.

¹ Eligible patients consist of [ischemic stroke](#) patients who arrived at the ED within 2 hrs of the time [last known to be well](#) and had no contraindications for IV-tPA in 2010 and 2011.

² Harrington Memorial Hospital operates a second ED in Webster resulting in a total of 70 PSS ED units.

³ Hospital performance is compared using 99% confidence interval (p<0.01)