

# Hospital Teaching and Community Status Report (2010 – 2011)

The tables below list PSS hospital-specific performance on the percentage of eligible<sup>1</sup> patients who received IV-tPA for PSS hospitals in the years 2010 and 2011 combined. The tables also allow you to compare a hospital's performance against the overall performance of hospitals in the same teaching or community hospital category. 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](#).

## Teaching Status

Teaching status was defined using the Medicare Payment Advisory Commission's (MedPAC) criteria for major teaching hospitals that include hospitals with at least 25 full-time equivalent medical school residents per one hundred inpatient beds. The MedPAC definition is commonly used by the Department.

## Reading the Tables

The first table shows the number of hospitals, the total number of eligible patients who arrived at PSS Hospitals that are teaching hospitals and the ones that are community hospitals, and the percentage who received IV-tPA in each category. The following tables list PSS hospitals by teaching or community status and the number of eligible patients who arrived at each hospital, with the number and percentage who received IV-tPA. The last column compares each hospital's performance for the administration of IV-tPA to the overall performance of all Primary Stroke Service hospitals in its respective teaching or community hospital category. 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 teaching or community status category rate. In order for a hospital to be noted as providing IV-tPA more or less often, the difference between the hospital rate and category rate has to be statistically significant<sup>2</sup>. 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 category rate.

	Teaching Status Peer Group	
	Teaching Hospitals	Community Hospitals
<b># of Hospitals</b>	14	55
<b># of Eligible<sup>1</sup> Patients</b>	360	722
<b>% Received IV-tPA</b>	91.1%	79.4%

## Teaching Hospitals

Hospital	# of Patients Eligible <sup>1</sup> for IV-tPA	Patients who Received IV-tPA		Statistical Comparison to Teaching Hospitals
		#	%	
Baystate Medical Center, Springfield	44	39	88.6	Equal
Beth Israel Deaconess Medical Center, Boston (West Campus)	25	24	96	Equal
Boston Medical Center (Menino Campus), Boston	31	31	100	Equal
Brigham & Women's Hospital, Boston	15	15	100	Equal
Lahey Clinic Hospital, Burlington	46	41	89.1	Equal
Massachusetts General Hospital, Boston	51	48	94.1	Equal
Mount Auburn Hospital, Cambridge	16	16	100	Equal
St. Elizabeth's Medical Center, Brighton	13	9	69.2	Less Often
St. Vincent Hospital, Worcester	26	22	84.6	Equal
Tufts Medical Center, Boston	15	13	86.7	Equal
UMass Memorial Medical Center - University Campus, Worcester	74	67	90.5	Equal

## Community Hospitals

Hospital	# of Patients Eligible <sup>1</sup> for IV-tPA	Patients who Received IV-tPA		Statistical Comparison to Community Hospitals
		#	%	
Anna Jaques Hospital, Newburyport	14	13	92.9	Equal
Athol Memorial Hospital, Athol	6	6	100	Equal
Berkshire Medical Center, Pittsfield	26	26	100	Equal
Beverly Hospital, Beverly	8	8	100	Equal
Cape Cod Hospital, Hyannis	27	24	88.9	Less Often
Cooley Dickinson Hospital, Northampton	15	13	86.7	Equal
Emerson Hospital, Concord	10	6	60.0	Less Often
Falmouth Hospital, Falmouth	11	11	100	Equal
Good Samaritan Medical Center, Brockton	20	18	90.0	Equal
Harrington Memorial Hospital, Southbridge	8	6	75.0	Equal
Health Alliance Hospital, Leominster	14	†	†	Less Often
Heywood Hospital, Gardner	17	11	64.7	Equal
Holy Family Hospital, Methuen	22	16	72.7	Equal
Holyoke Medical Center, Holyoke	24	24	100	More Often
Jordan Hospital, Plymouth	13	12	92.3	Equal
Lawrence General Hospital, Lawrence	19	13	68.4	Equal
Lowell General Hospital, Lowell	18	10	55.6	Less Often
Marlborough Hospital, Marlborough	21	15	71.4	Equal
Martha's Vineyard Hospital, Oak Bluffs	9	†	†	Equal
Mercy Hospital, Springfield	12	11	91.7	Equal
MetroWest Medical Center, Framingham Campus	20	17	85.0	Equal
MetroWest Medical Center, Natick Campus	8	8	100	Equal
Milford Regional Medical Center, Milford	12	11	91.7	Equal
Milton Hospital, Milton	15	6	40.0	Equal
Morton Hospital, Taunton	12	12	100	Equal
Newton-Wellesley Hospital, Newton	29	28	96.6	Equal
Noble Hospital, Westfield	9	9	100	Equal
North Shore Medical Center-Salem Hospital, Salem	31	29	93.6	Equal
North Shore Medical Center-Union Hospital, Lynn	8	8	100	Equal
Norwood Hospital, Norwood	27	24	88.9	Equal
Quincy Medical Center, Quincy	6	6	100	Equal
St. Anne's Hospital, Fall River	9	8	88.9	Equal
Saints Memorial Medical Center, Lowell	7	†	†	Equal
Signature Healthcare Brockton Hospital, Brockton	20	19	95.0	Equal
South Shore Hospital, South Weymouth	31	23	74.2	Equal
Southcoast Hospitals Group/Charlton, Fall River	35	19	54.3	Equal
Southcoast Hospitals Group/St. Luke's, New Bedford	55	32	58.2	Less Often
Southcoast Hospitals Group/Tobey, Wareham	10	6	60.0	Equal
Sturdy Memorial Hospital, Attleboro	10	8	80.0	Equal

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

<sup>1</sup> 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.

<sup>2</sup> Hospital performance is compared using 99% confidence interval ( $p < 0.01$ )