

Hospital Size Report (2010 – 2011)

The tables below list PSS hospital-specific performance on the percentage of eligible¹ 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 to the overall performance of like-sized hospitals. 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](#).

Hospital Size

Three size categories were selected: less than 100 beds; 100-199 beds; and, 200 or more beds. These size categories are commonly used by national organizations to classify hospitals for comparison. In this report, bed-size refers to the number of beds the hospital is licensed to use.

Reading the Tables

The first table shows the number of hospitals, the total number of eligible patients who arrived at a PSS Hospital and the percentage who received IV-tPA in each hospital size category. The following tables list PSS hospitals by size category 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 size 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 size 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 the size category rate has to be statistically significant². 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 size category rate.

	Hospital Size Category Peer Group		
	Less than 100 Beds	100 - 199 Beds	200 Beds or More
# of Hospitals	16	29	24
# of Eligible¹ Patients	110	269	703
% Received IV-tPA	76.4%	77.7%	86.5%

Less than 100 Beds

Hospital	# of Patients Eligible ¹ for IV-tPA	Patients who Received IV-tPA		Statistical Comparison to Size Category
		#	%	
Athol Memorial Hospital, Athol	6	6	100	Equal
Falmouth Hospital, Falmouth	11	11	100	Equal
Marlborough Hospital, Marlborough	21	15	71.4	Equal
Martha's Vineyard Hospital, Oak Bluffs	9	†	†	Equal
Milton Hospital, Milton	15	6	40.0	Less Often
Noble Hospital, Westfield	9	9	100	Equal
Southcoast Hospitals Group/Tobey, Wareham	10	6	60.0	Equal

100 to 199 Beds

Hospital	# of Patients Eligible ¹ for IV-tPA	Patients who Received IV-tPA		Statistical Comparison to Size Category
		#	%	
Anna Jaques Hospital, Newburyport	14	13	92.9	Equal
Cooley Dickinson Hospital, Northampton	15	13	86.7	Equal
Emerson Hospital, Concord	10	6	60.0	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
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	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
Morton Hospital, Taunton	12	12	100	Equal
North Shore Medical Center-Union Hospital, Lynn	8	8	100	Equal
Quincy Medical Center, Quincy	6	6	100	Equal
Saint Anne's Hospital, Fall River	9	8	88.9	Equal
Saints Memorial Medical Center, Lowell	7	†	†	Equal
Sturdy Memorial Hospital, Attleboro	10	8	80.0	Equal

200 Beds or More

Hospital	# of Patients Eligible ¹ for IV-tPA	Patients who Received IV-tPA		Statistical Comparison to Size Category
		#	%	
Baystate Medical Center, Springfield	44	39	88.6	Equal
Berkshire Medical Center, Pittsfield	26	26	100	Equal
Beth Israel Deaconess Medical Center, Boston (West Campus)	25	24	96.0	Equal
Beverly Hospital, Beverly	8	8	100	Equal
Boston Medical Center (Menino Campus), Boston	31	31	100	Equal
Brigham & Women's Hospital, Boston	15	15	100	Equal
Cape Cod Hospital, Hyannis	27	24	88.9	Equal
Holy Family Hospital, Methuen	22	16	72.7	Equal
Holyoke Medical Center, Holyoke	24	24	100	Equal
Lahey Clinic Hospital, Burlington	46	41	89.1	Equal
Massachusetts General Hospital, Boston	51	48	94.1	Equal
Mercy Hospital, Springfield	12	11	91.7	Equal
Mount Auburn Hospital, Cambridge	16	16	100	Equal
Newton-Wellesley Hospital, Newton	29	28	96.6	Equal
North Shore Medical Center-Salem Hospital, Salem	31	29	93.6	Equal
Norwood Hospital, Norwood	27	24	88.9	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	Less Often
Southcoast Hospitals Group/St. Luke's, New Bedford	55	32	58.2	Less Often
St. Elizabeth's Medical Center, Brighton	13	9	69.2	Equal

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

† - 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 Hospital performance is compared using 99% confidence interval ($p < 0.01$)