

Hospital Size Report (2007 to 2008)

The tables below list PSS hospital-specific performance on the percentage of eligible¹ patients who received IV-tPA for PSS hospitals in the years 2007 and 2008 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 \(PDF\)](#) | [RTF](#).

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 Hospitals and the percentage who received IV-tPA in a 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	25	27
# of Eligible¹ Patients	91	239	689
% Received IV-tPA	54.9%	58.6%	63.7%

Less than 100 Beds

Hospital	# of Patients Eligible ¹ for IV-tPA	Patients who Received IV-tPA		Statistical Comparison to Size Category
		#	%	
Anna Jaques Hospital, Newburyport	12	†	†	Equal
Baystate Mary Lane Hospital, Ware	6	0	0	Less Often
Beverly Hospital (Addison Gilbert Hospital), Gloucester	6	†	†	Equal
Fairview Hospital, Great Barrington	6	6	100	Equal
Falmouth Hospital, Falmouth	11	10	90.9	Equal
Marlborough Hospital, Marlborough	12	7	58.3	Equal
Milton Hospital, Milton	11	†	†	Equal
Southcoast Hospitals Group/Tobey, Wareham	8	†	†	Equal

100 to 199 Beds

Hospital	# of Patients Eligible ¹ for IV-tPA	Patients who Received IV-tPA		Statistical Comparison to Size Category
		#	%	
Caritas Good Samaritan, Brockton	12	8	66.7	Equal
Cooley Dickinson Hospital, Northampton	8	6	75	Equal
Emerson Hospital, Concord	19	†	†	Less Often

Hallmark Health System - Melrose/Wakefield, Melrose	14	†	†	Equal
Harrington Memorial Hospital, Southbridge	14	†	†	Less Often
Health Alliance Hospital, Leominster	17	7	41.2	Equal
Heywood Hospital, Gardner	13	†	†	Equal
Jordan Hospital, Plymouth	6	6	100	Equal
MetroWest Medical Center, Framingham Campus	18	17	94.4	More Often
MetroWest Medical Center, Natick Campus	8	8	100	Equal
Milford Regional Medical Center, Milford	6	6	100	Equal
Morton Hospital, Taunton	20	16	80	Equal
North Shore Medical Center-Union Hospital, Lynn	16	16	100	More Often
Quincy Medical Center, Quincy	24	†	†	Less Often
Saints Memorial Medical Center, Lowell	15	13	86.7	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	75	34	45.3	Less Often
Berkshire Medical Center, Pittsfield	18	16	88.9	Equal
Beth Israel Deaconess Medical Center, Boston (West Campus)	35	20	57.14	Equal
Beverly Hospital, Beverly	9	8	88.9	Equal
Boston Medical Center (Menino Campus), Boston	7	7	100	Equal
Brigham & Women's Hospital, Boston	21	21	100	More Often
Cape Cod Hospital, Hyannis	50	10	20	Less Often
Caritas Holy Family Hospital,,Methuen	17	†	†	Less Often
Caritas Norwood Hospital, Norwood	25	9	36	Less Often
Caritas St. Elizabeth's Medical Center, Brighton	9	7	77.8	Equal
Holyoke Medical Center, Holyoke	27	26	96.3	More Often
Lahey Clinic Hospital, Burlington	27	24	88.9	More Often
Lawrence General Hospital, Lawrence	20	9	45	Equal
Lowell General Hospital, Lowell	11	†	†	Equal
Massachusetts General Hospital, Boston	49	47	95.9	More Often
Mercy Hospital, Springfield	25	7	28	Less Often
Newton-Wellesley Hospital, Newton	24	24	100	More Often
North Shore Medical Center-Salem Hospital, Salem	41	31	75.6	Equal
Signature Healthcare Brockton Hospital, Brockton	21	10	47.6	Equal
South Shore Hospital, South Weymouth	23	21	91.3	More Often
Southcoast Hospitals Group/Charlton, Fall River	18	15	83.3	Equal
Southcoast Hospitals Group/St. Luke's, New Bedford	36	25	69.4	Equal
St. Vincent Hospital, Worcester	33	14	42.4	Equal
Tufts Medical Center, Boston	8	5	62.5	Equal
UMass Memorial Medical Center - University Campus, Worcester	44	30	68.2	Equal
Winchester Hospital, Winchester	12	7	58.3	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 [last known to be well](#) and had no contraindications for IV-tPA in 2007 and 2008.

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