

Hospital Location 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 hospitals in its geographic location. 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](#).

Regions

Five regions (Metro, Northeast, Southeast, Central, and West) represent the Emergency Medical Service (EMS) regions designated by the Massachusetts Department of Public Health's Office of Emergency Medical Services (MDPH OEMS). The cities and towns in these regions can be found at: [PSS Hospital Map \(PDF\)](#) | [Word](#)

Reading the Tables

The first table shows the number of PSS hospitals, the total number of eligible patients who arrived at PSS Hospitals and the percentage who received IV-tPA in each of 5 geographical regions. The following tables list PSS hospitals by region 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 region. 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 regional 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 regional 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 regional rate.

	Regional Peer Group				
	Metro	Northeast	Southeast	Central	West
# of Hospitals	23	13	12	9	11
# of Eligible¹ Patients	353	169	189	133	175
% Received IV-tPA	71.7%	57.4%	56.6%	51.9%	58.9%

Region 1 - West

Hospital	# of Patients Eligible ¹ for IV-tPA	Patients who Received IV-tPA		Statistical Comparison to Region
		#	%	
Baystate Mary Lane Hospital, Ware	6	0	0	Less Often
Baystate Medical Center, Springfield	75	34	45.3	Equal
Berkshire Medical Center, Pittsfield	18	16	88.9	More Often
Cooley Dickinson Hospital, Northampton	8	6	75	Equal
Fairview Hospital, Great Barrington	6	6	100	Equal
Holyoke Medical Center, Holyoke	27	26	96.3	More Often
Mercy Hospital, Springfield	25	7	28	Less Often

Region 2 - Central

Hospital	# of Patients Eligible ¹ for IV-tPA	Patients who Received IV-tPA		Statistical Comparison to Region
		#	%	
Harrington Memorial Hospital, Southbridge	14	†	†	Equal
Health Alliance Hospital, Leominster	17	7	41.2	Equal
Heywood Hospital, Gardner	13	†	†	Equal
Milford Regional Medical Center, Milford	6	6	100	Equal
St. Vincent Hospital, Worcester	33	14	42.4	Equal
UMass Memorial Medical Center - University Campus, Worcester	44	30	68.2	Equal

Region 3 - Northeast

Hospital	# of Patients Eligible ¹ for IV-tPA	Patients who Received IV-tPA		Statistical Comparison to Region
		#	%	
Anna Jaques Hospital, Newburyport	12	†	†	Equal
Beverly Hospital (Addison Gilbert Hospital), Gloucester	6	†	†	Equal
Beverly Hospital, Beverly	9	8	88.9	Equal
Caritas Holy Family Hospital, Methuen	17	†	†	Less Often

Hallmark Health System - Melrose/Wakefield, Melrose	14	†	†	Equal
Lawrence General Hospital, Lawrence	20	9	45	Equal
Lowell General Hospital, Lowell	11	†	†	Equal
North Shore Medical Center-Salem Hospital, Salem	41	31	75.6	Equal
North Shore Medical Center-Union Hospital, Lynn	16	16	100	More Often
Saints Memorial Medical Center, Lowell	15	13	86.7	Equal

Region 4 - Metro

Hospital	# of Patients Eligible ¹ for IV-tPA	Patients who Received IV-tPA		Statistical Comparison to Region
		#	%	
Beth Israel Deaconess Medical Center, Boston (West Campus)	35	20	57.1	Equal
Boston Medical Center (Menino Campus), Boston	7	7	100	Equal
Brigham & Women's Hospital, Boston	21	21	100	More Often
Caritas Norwood Hospital, Norwood	25	9	36	Less Often
Caritas St. Elizabeth's Medical Center, Brighton	9	7	77.8	Equal
Emerson Hospital, Concord	19	†	†	Less Often
Lahey Clinic Hospital, Burlington	27	24	88.9	Equal
Marlborough Hospital, Marlborough	12	7	58.3	Equal
Massachusetts General Hospital, Boston	49	47	95.9	More Often
MetroWest Medical Center, Framingham Campus	18	17	94.4	Equal
MetroWest Medical Center, Natick Campus	8	8	100	Equal
Milton Hospital, Milton	11	†	†	Less Often
Newton-Wellesley Hospital, Newton	24	24	100	More Often
Quincy Medical Center, Quincy	24	†	†	Less Often
South Shore Hospital, South Weymouth	23	21	91.3	Equal
Tufts Medical Center, Boston	8	5	62.5	Equal
Winchester Hospital, Winchester	12	7	58.3	Equal

Region 5 - South

Hospital	# of Patients Eligible ¹ for IV-tPA	Patients who Received IV-tPA		Statistical Comparison to Region
		#	%	
Cape Cod Hospital, Hyannis	50	10	20	Less Often
Caritas Good Samaritan, Brockton	12	8	66.7	Equal
Falmouth Hospital, Falmouth	11	10	90.9	Equal
Jordan Hospital, Plymouth	6	6	100	Equal
Morton Hospital, Taunton	20	16	80	Equal
Signature Healthcare Brockton Hospital, Brockton	21	10	47.6	Equal
Southcoast Hospitals Group/Charlton, Fall River	18	15	83.3	Equal
Southcoast Hospitals Group/St. Luke's, New Bedford	36	25	69.4	Equal
Southcoast Hospitals Group/Tobey, Wareham	8	†	†	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 ($p < 0.01$)