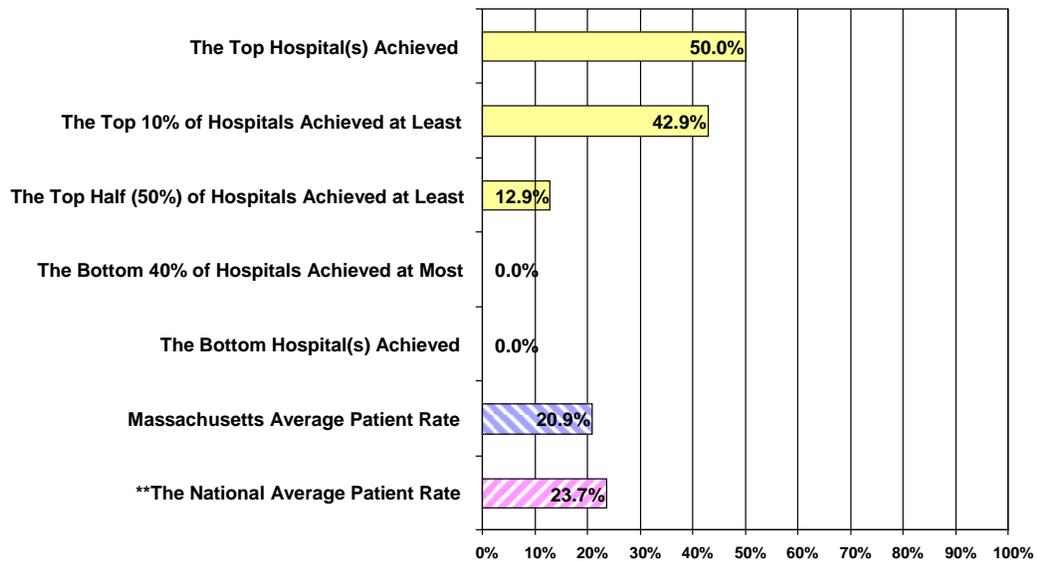


## Treatment with IV-tPA

### 5. Percentage of eligible ischemic stroke patients who received IV-tPA within 60 minutes from arrival at MA PSS hospital Emergency Department.

All hospitals strive to treat eligible patients with IV-tPA as rapidly as possible. The ultimate goal is to treat most patients within one hour of hospital arrival. Nationally, less than 25% of patients receive IV-tPA within 60 minutes. The following graph shows the percentage of ischemic stroke patients in MA PSS hospital Emergency Departments who received IV-tPA within 60 minutes from arrival at the Emergency Department. The data are broken down to show the range of performance among the top 10%, top 50%, and bottom 40% of hospitals because a large number of hospitals did not treat any patients within 60 minutes.

**Fig. 5.** Percentage of ischemic stroke patients who received IV-tPA within 60 minutes from Emergency Department arrival



Note: 572 patients received IV-tPA in 62 hospitals. 7 hospitals had no patients who received IV-tPA and were excluded from the analysis.

\*\* The national comparative statistics are provided from the American Heart Association's *Get With The Guidelines<sup>SM</sup>-Stroke* Program.

The hospitals are distributed as follows: The top 10% = 7 hospitals, the top 50% = 32 and the bottom 40% = 26.

#### What does this graph show?

This graph shows that the top hospital gave IV-tPA within 60 minutes from the time the patient arrived at the ED to 50% of the patients who received IV-tPA. The top 10% (7 hospitals) gave IV-tPA within 60 minutes to 42.9% to 50% of their patients who received IV-tPA. The top 50% (32 hospitals) gave 12.9% to 50%, while 41.9% (26 hospitals) did not give any patients IV-tPA within 60 minutes of ED arrival. Seven hospitals did not treat any ischemic stroke patients with IV-tPA. Overall 20.8% of 572 patients who received IV-tPA were treated within 60 minutes of ED arrival.