

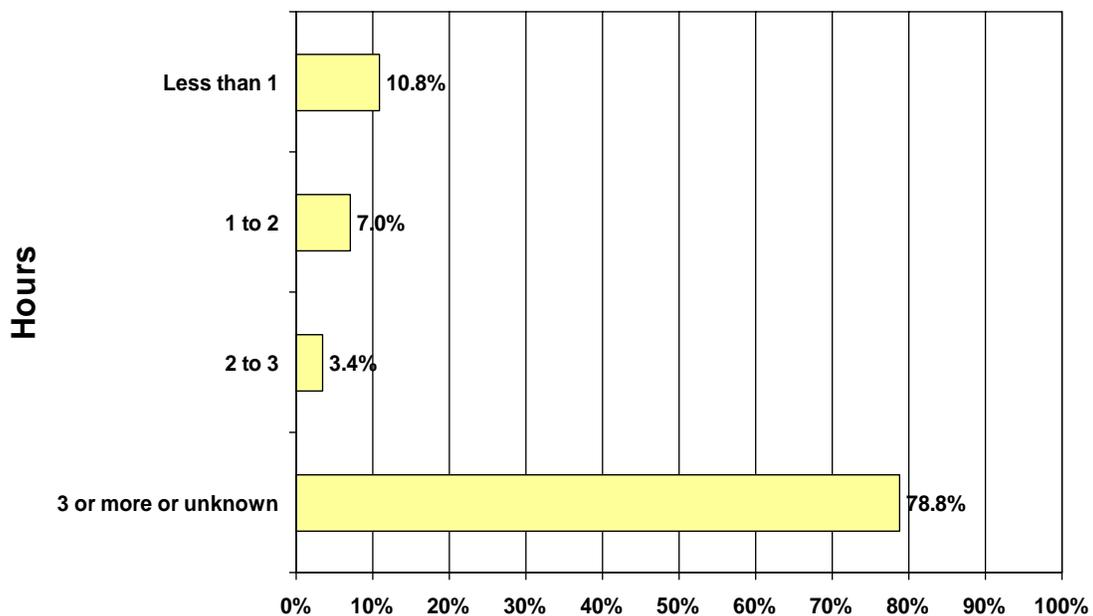
Timeliness of Arrival to the Emergency Department

2. Distribution of patient arrival times to MA PSS Emergency Departments.

Arrival time is broken down into less than 1, 1 to 2, 2 to 3, or 3 or more hours from the time last known to be well.

The following figure shows the timeframe in which patients arrived at a PSS hospital Emergency Department from the time they were last known to be well in 2007 and 2008. An 'unknown' time would indicate that the date and/or time the patient was last known to be well could not be determined. This figure illustrates that over 75% of ischemic stroke patients arriving at PSS hospital Emergency Departments do not arrive within three hours of the time they were last known to be well and are therefore outside the FDA approved time window for treatment with IV-tPA.

Fig. 2. Time from last known well to arrival at a Primary Stroke Service hospital ED in Massachusetts by ischemic stroke patients



•Note: 13,188 patients arrived at 70 PSS hospitals in Massachusetts in 2007 and 2008.