

May 2015

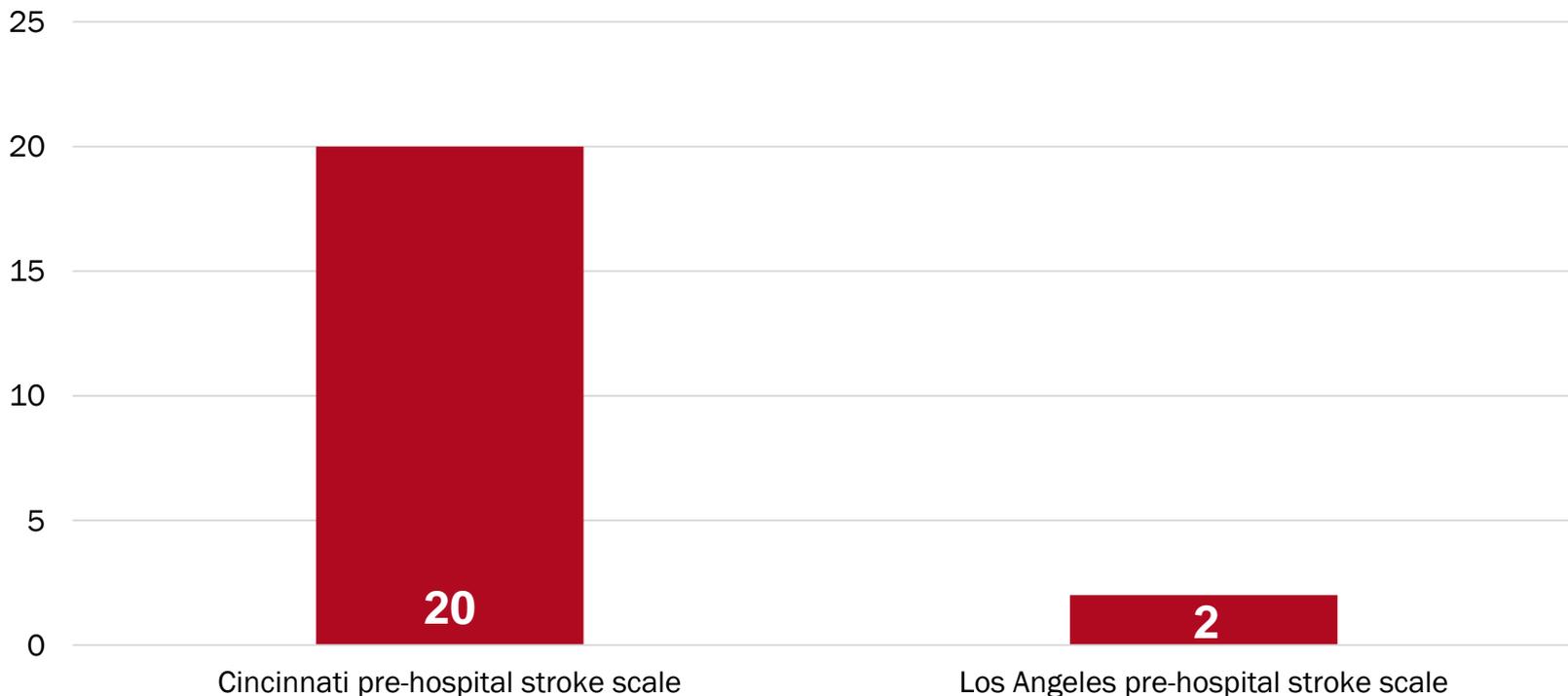
Stroke System of Care Survey Results



- The objective of the survey was to explore the current state of the stroke system of care in the 22 Regional Advisory Councils (RAC) in Texas in terms of data collection practices, resources, and Emergency Medical Services (EMS) and quality improvement activities.
- Survey findings will be used to assess policies and practices regarding delivery of stroke care across the state, identify areas of opportunity for quality improvement, and assess RAC needs.

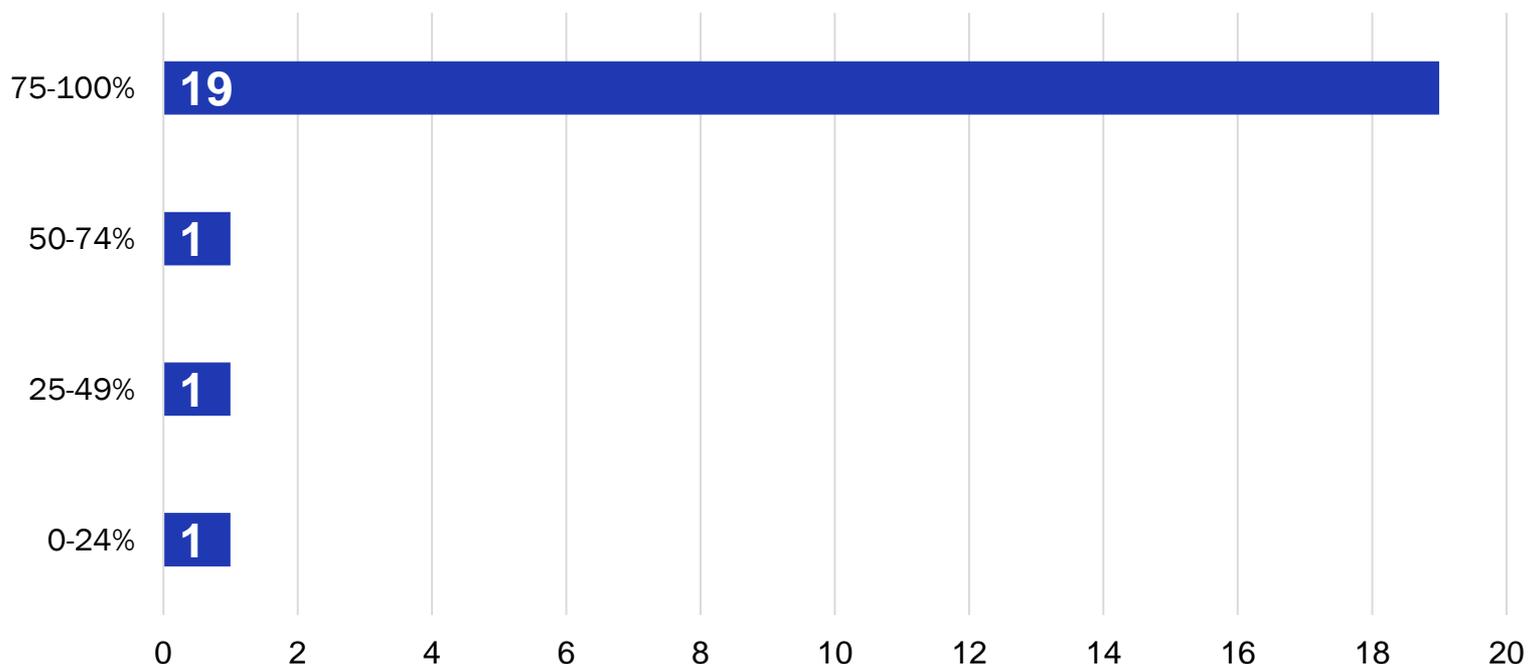
Pre-hospital Stroke Scale

Which pre-hospital stroke scale is most often used in your RAC to recognize signs and symptoms of stroke?



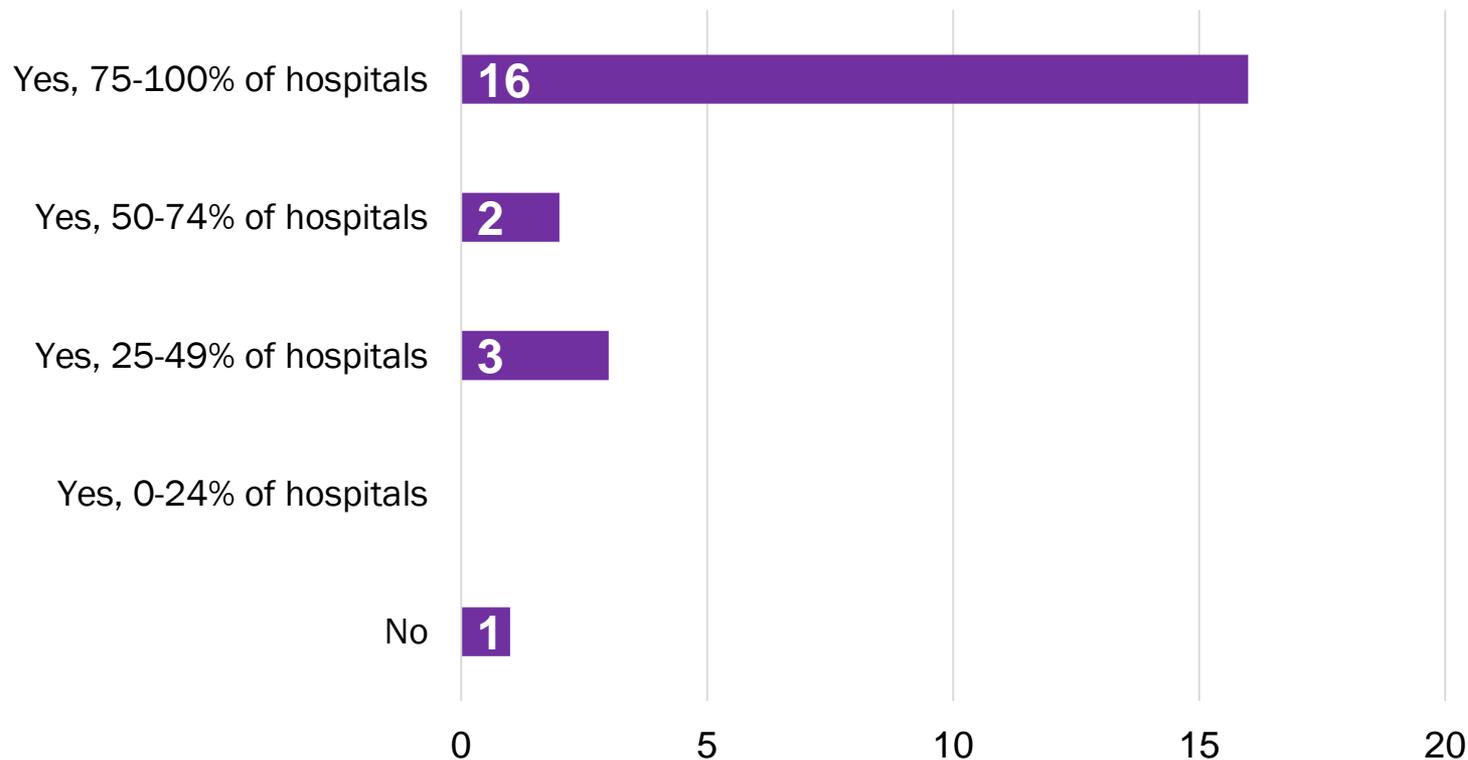
21 RACs reported that 75-100% of EMS agencies who responded to the survey had at least half of their staff trained in their respective pre-hospital stroke scale.

What is the percentage of EMS agencies in your RAC with destination protocols to determine where stroke patients are transported?



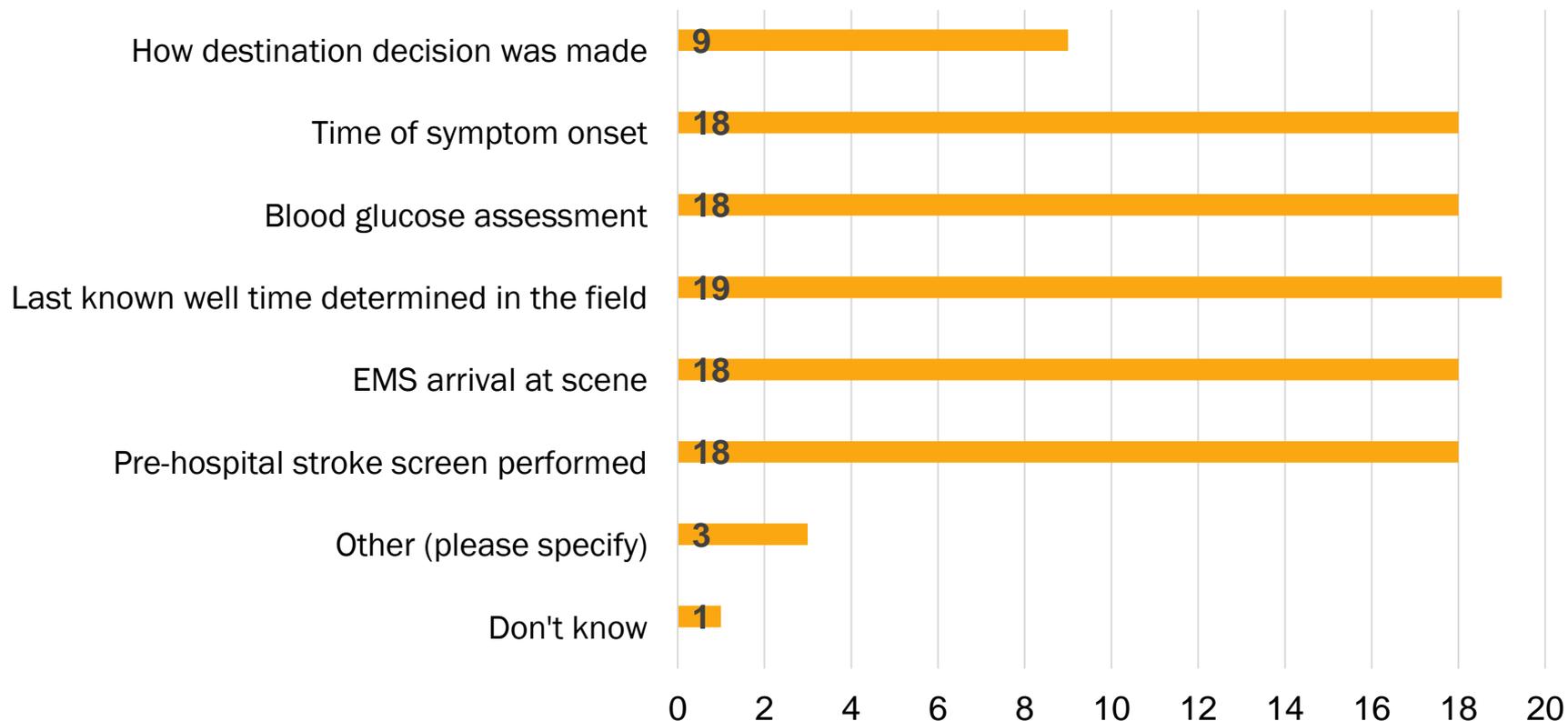
- 19 RACs reported that of EMS agencies who responded (69%), 75-100% have destination protocols for stroke patients.
- All RACs reported that 75-100% of EMS agencies who responded (69%) notified the receiving hospital prior to arrival of a suspected stroke patient.

Do hospitals in your RAC collect pre-hospital data on stroke patients from your EMS providers?



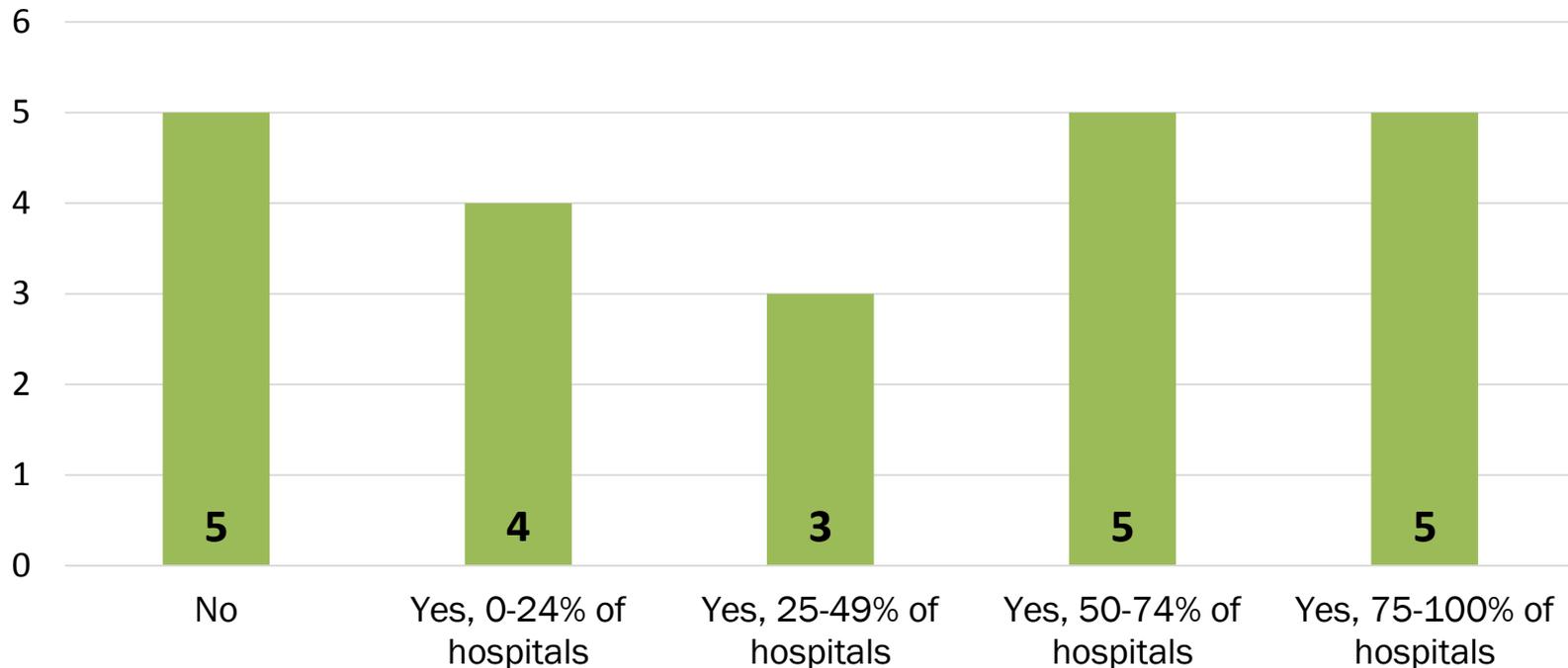
16 RACs reported that 75-100% of reporting hospitals collect pre-hospital data on stroke patients from EMS providers.

What type of pre-hospital stroke data is collected by hospitals?



The most common collected data elements were: time of symptom onset, blood glucose assessment, last known well time determined in the field, EMS arrival at scene, and pre-hospital stroke screen performed.

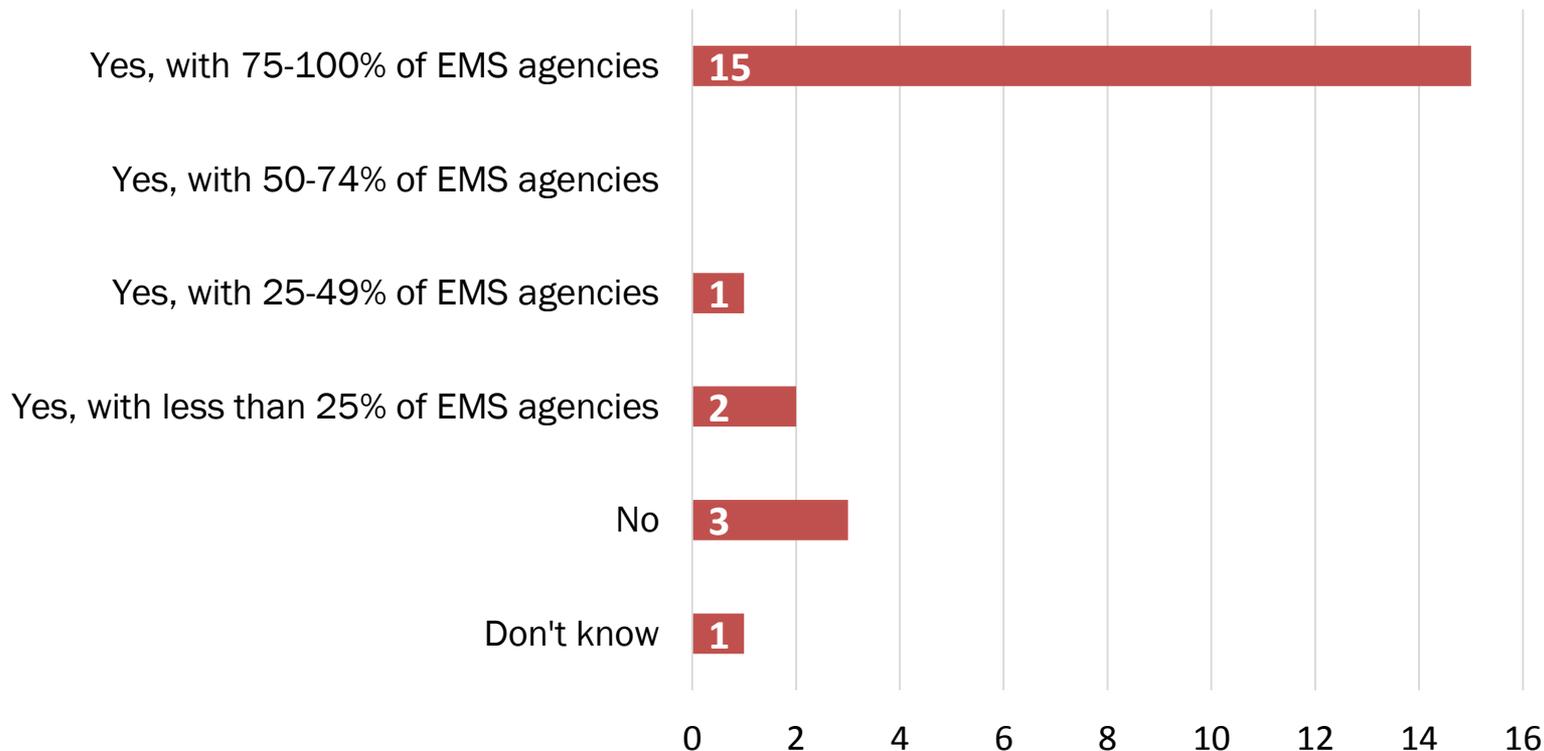
Do hospitals in your RAC provide stroke patient outcome feedback to EMS providers?



- 10 RACs reported that more than 50% of reporting hospitals provide stroke patient outcome feedback to EMS providers.
- 5 RACs reported that their hospitals did not provide this feedback to EMS.

RAC Data Sharing Practices

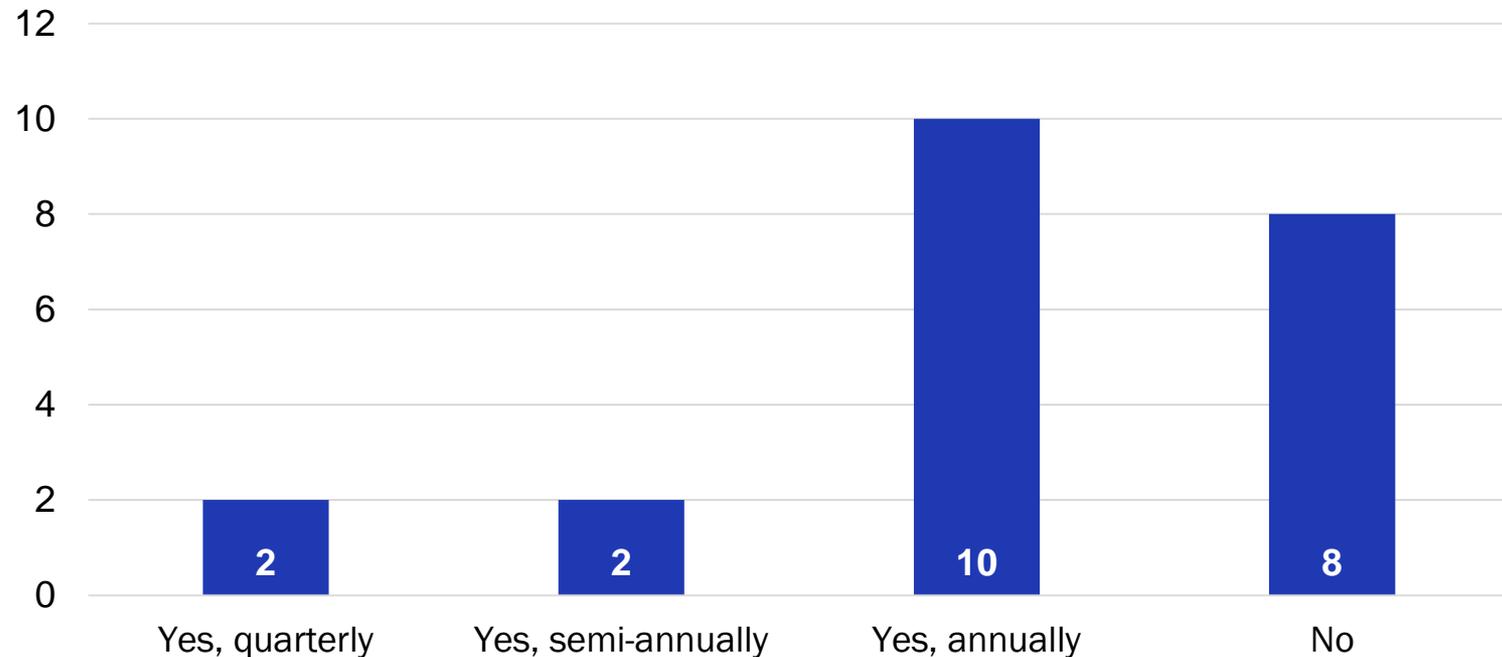
Do you share hospital stroke data you collect with EMS agencies in your RAC?



15 RACs reported they share hospital stroke data that is collected with 75-100% of EMS agencies in their RAC.

- **21 RACs reported they have distributed their stroke transport plan to 75-100% of EMS agencies in their RAC**
- **19 RACs reported they had a stroke multidisciplinary team or committee**

Does your RAC conduct stroke-specific training for EMS personnel, and how often?



- 14 RACs reported they conduct stroke-specific training for EMS personnel.
 - Of which 10 reported these trainings occur annually
- Examples of trainings include: 12 lead ECG interpretation, signs and symptoms, stroke scales, bypass or transport protocol, and quality of care stroke guidelines.

RACs were asked to consider the following functions and rank them in the order of greatest need:

- provide community and professional stroke education;
- collect and manage data;
- engage stakeholders and increase their participation in RAC activities such as reporting data;
- provide training opportunities for EMS personnel; and
- perform EMS stroke response and care (equipment and personnel).

RACs responded they needed resources the most to:

- provide stroke education;
- to collect and manage data; and
- to engage stakeholders to increase their participation in RAC activities.



Thank You!

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(Presentation prepared by
Texas Heart Disease and Stroke Program)

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