

The SOPS Databases

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Westat

SOPS Databases



Hospital

**630
Hospitals**



**Nursing
Home**

**191
Nursing Homes**



**Medical
Office**

**2,437
Medical Offices**



**Community
Pharmacy**

**331
Community
Pharmacies**



**Ambulatory
Surgery Center
(ASC)**

**282
ASCs**

Why Participate in the SOPS Databases?



- AHRQ produces Database Reports and Infographics that display aggregated results from all participating sites
- Participating facilities receive a customized feedback report
 - ▶ Displays site results with Database results
 - ▶ Identifies strengths and areas for safety culture improvement

ASC Database Infographic



Surveys on Patient Safety Culture™

Findings from the 2020 Survey on Patient Safety Culture (SOPS) Ambulatory Surgery Center (ASC) Database

The ASC SOPS Database assesses provider and staff perceptions of their organization's patient safety culture. The ASC SOPS Database includes data from:



» The survey assesses **8** areas, or composite measures, of patient safety culture.

- Communication About Patient Information
- Communication Openness
- Management Support for Patient Safety
- Organizational Learning-Continuous Improvement
- Response to Mistakes
- Staff Training
- Staffing, Work Pressure, and Pace
- Teamwork

Highest Scoring Composite Measure

Organizational Learning-Continuous Improvement

92%

of respondents reported that the facility actively looks for ways to improve patient safety and makes changes to ensure that problems do not recur.

Lowest Scoring Composite Measure

Staffing, Work Pressure, and Pace

74%

of respondents indicated that there are enough staff to handle the workload, they do not feel rushed, and they have enough time to properly prepare for procedures.

OTHER FINDINGS

Communication in the Surgery/Procedure Room

In the past 6 months, how often were the following actions done in your facility?



93%

of respondents reported that before the start of procedures, team members stopped to discuss the overall plan.



71%

of respondents reported that before the start of procedures, the doctor encouraged team members to speak up at any time.



76%

of respondents reported that immediately after procedures, team members discussed any concerns for patient recovery.

Overall Patient Safety Rating

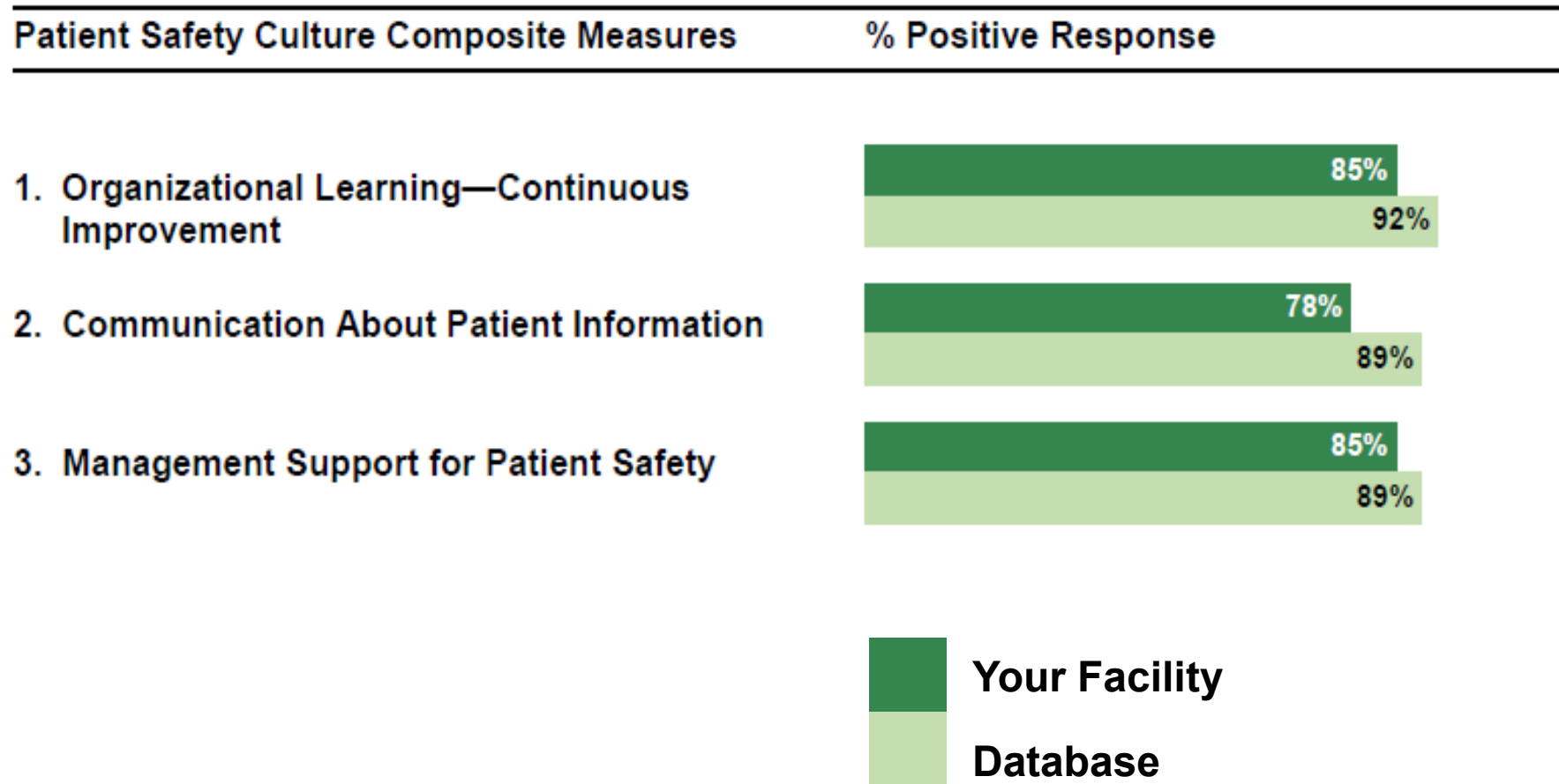


What's Next? Action planning for improving patient safety culture

- 1 Define your goals
- 2 Plan your initiatives
- 3 Communicate your action plan

The *Action Planning Tool for the AHRQ Surveys on Patient Safety Culture* provides step-by-step instructions on how to develop an action plan to improve patient safety culture, available at www.ahrq.gov/sops.

Customized Feedback Reports



Data Submission Schedule

SOPS Database	2020	2021	2022
Hospital - Health IT & Value and Efficiency Supplemental Items	June 1- July 20 HSOPS 1.0 & 2.0		June HSOPS 2.0 only
Nursing Home	Sept 1-21		Sept.
Medical Office - Value and Efficiency Supplemental Items		Sept.	
Ambulatory Surgery Center (ASC)		June	

Note: There are no plans for community pharmacy database submission through 2022.

Hospital and Nursing Home Data Submission in 2020



NEW

HSOPS 2.0—Released October 2019

What are the most important things to know about HSOPS 2.0?

1. HSOPS 2.0 assesses many of the same areas of patient safety culture as HSOPS 1.0, but substantial changes were made to the survey.
2. Hospitals that administer HSOPS 2.0 can expect their scores on HSOPS 2.0 to be higher than comparable scores on HSOPS 1.0.

What changes were made in HSOPS 2.0?

- HSOPS 2.0 has 40 survey items compared to 51 items in HSOPS 1.0
- Only 5 HSOPS 1.0 survey items were kept unchanged in HSOPS 2.0
 - ▶ 21 HSOPS 1.0 items were dropped, 25 were re-worded or response options were changed, 10 new items were added
- HSOPS 2.0 includes
 - ▶ “Does not apply/Don’t know”(NA/DK)
 - ▶ Positively and negatively worded items



For More Information on HSOPS 2.0



- HSOPS 2.0 Webcast Replay, PowerPoint slides, and Transcript are available on the AHRQ SOPS website under Events

Introducing the New SOPS Hospital Survey 2.0

Webcast
October 30, 2019
1:00-2:00 PM ET

Nursing Home SOPS Data Submission



- It's not too late to administer the SOPS Nursing Home Survey in advance of data submission in September!
- We provide free technical assistance so contact us if you have questions
- Save the Date: Upcoming webcast April 7 from 12 - 12:50 pm ET
 - ▶ Improving Safety Culture Using the AHRQ SOPS Nursing Home Survey

Database Requirements for Participation



1. Have administered the SOPS survey in its entirety without modifications or deletions
2. Must be in the U.S. or U.S. territories
3. Sign a Data Use Agreement that indicates how the data will be used
4. Complete data collection before the end of the data submission period
5. Submit data files per specifications
6. Upload survey data through a secure, online data submission system

SOPS Research Datasets



- For research purposes only
- De-identified Data Requests
 - ▶ Hospital, medical office, nursing home, and community pharmacy data available
- Hospital-Identifiable Data Requests
 - ▶ Allows linking SOPS data to other datasets
 - ▶ Requests are reviewed and approved by AHRQ
 - ▶ Requestors sign a confidentiality agreement
 - ▶ Database hospitals must agree to the request via DUA, or provide written authorization

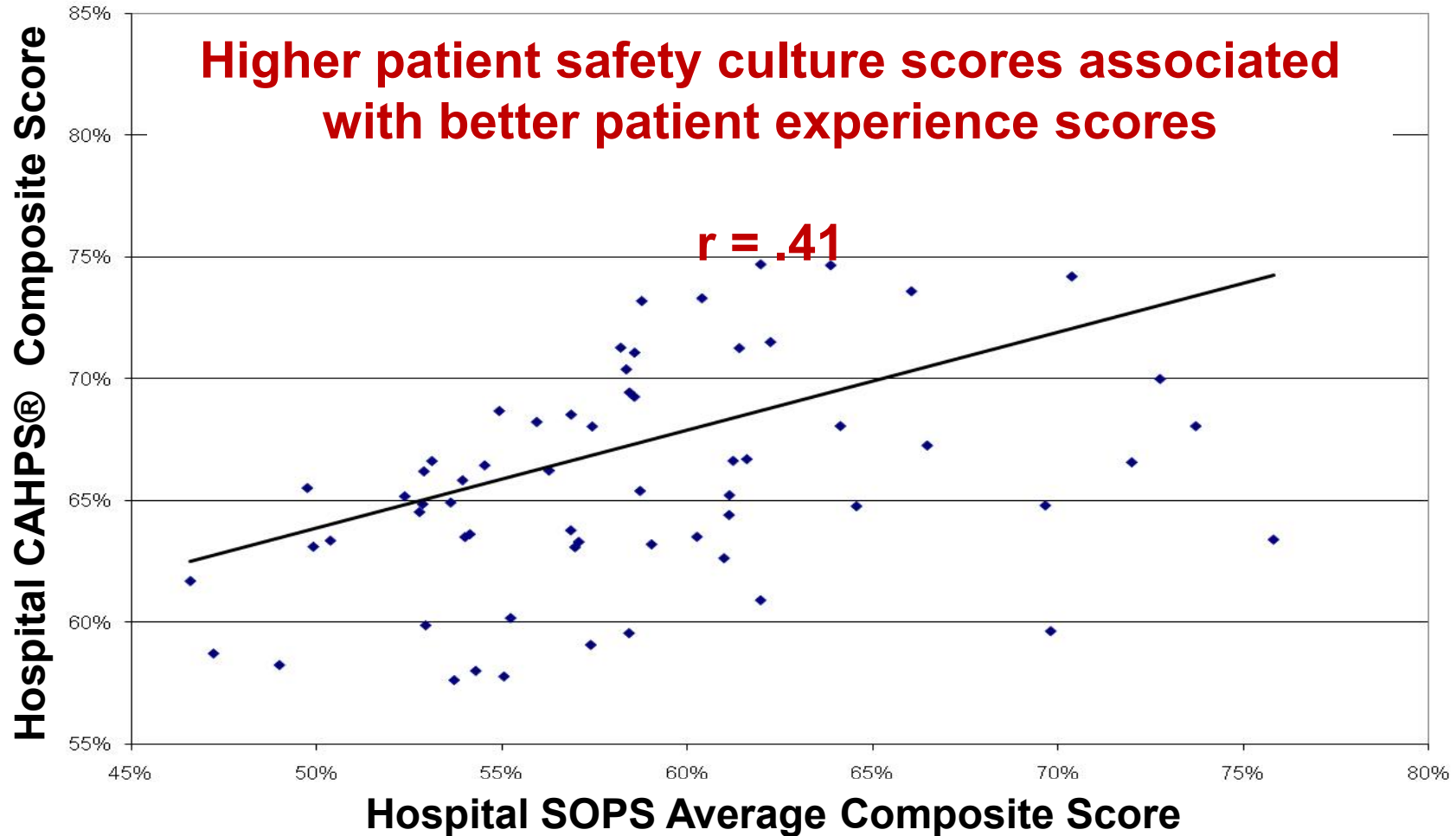
SOPS Relationships to Other Outcomes

Linking SOPS to Other Outcomes



1. Hospital SOPS to Hospital CAHPS patient experience
2. Hospital SOPS to AHRQ Patient Safety Indicator (PSI) adverse event rates
3. Nursing Home SOPS to CMS Nursing Home Compare Five-Star Ratings

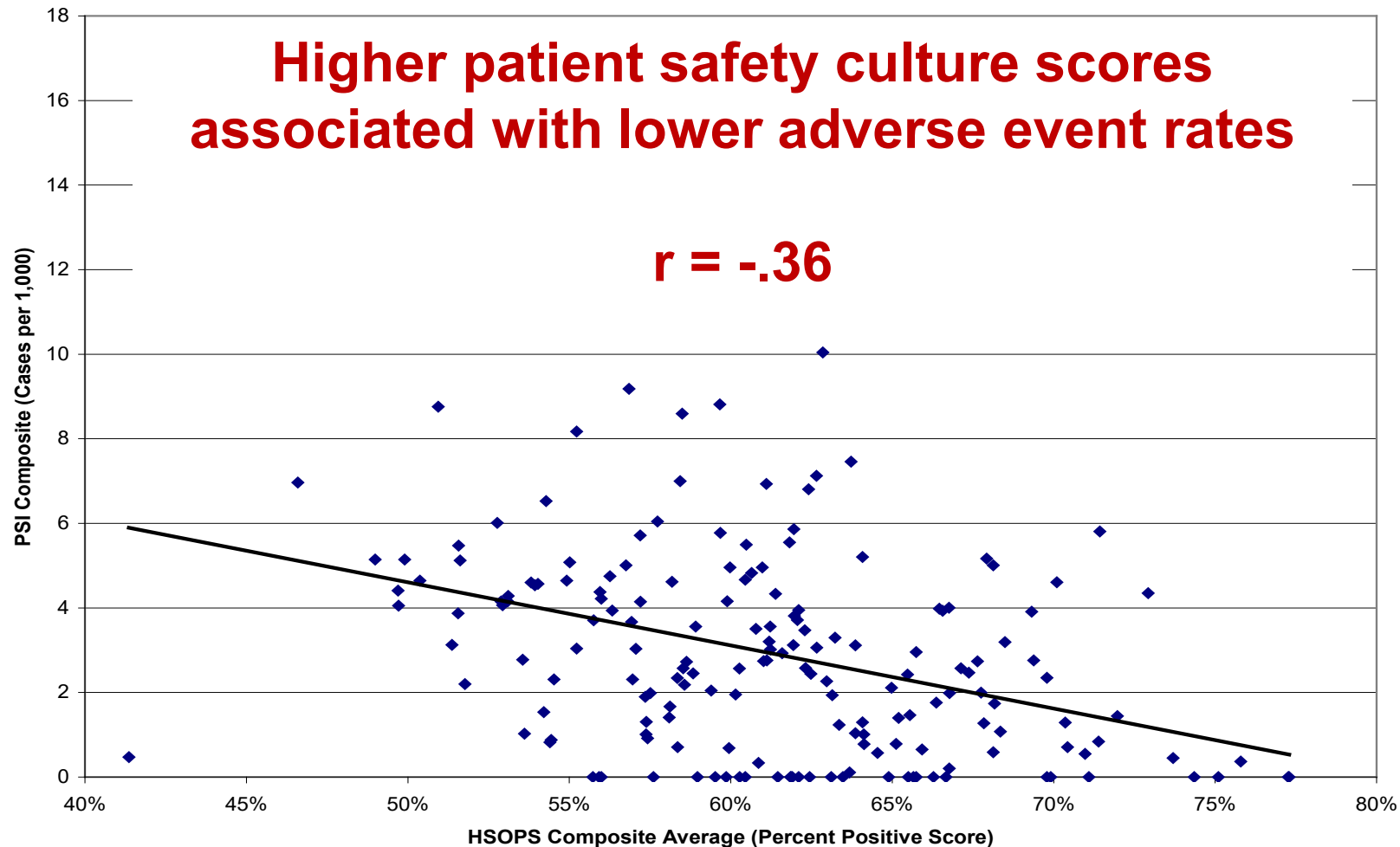
HSOPS 1.0 & Hospital CAHPS Patient Experience



Sorra, J et al. (2012). Exploring relationships between patient safety culture and patients' assessments of hospital care. *Journal of Patient Safety*. 8(3), 131-139.

HSOPS 1.0 & Patient Safety Indicator (PSI) Adverse Event Rates

Average Adverse Event Rate—PSI
Composite



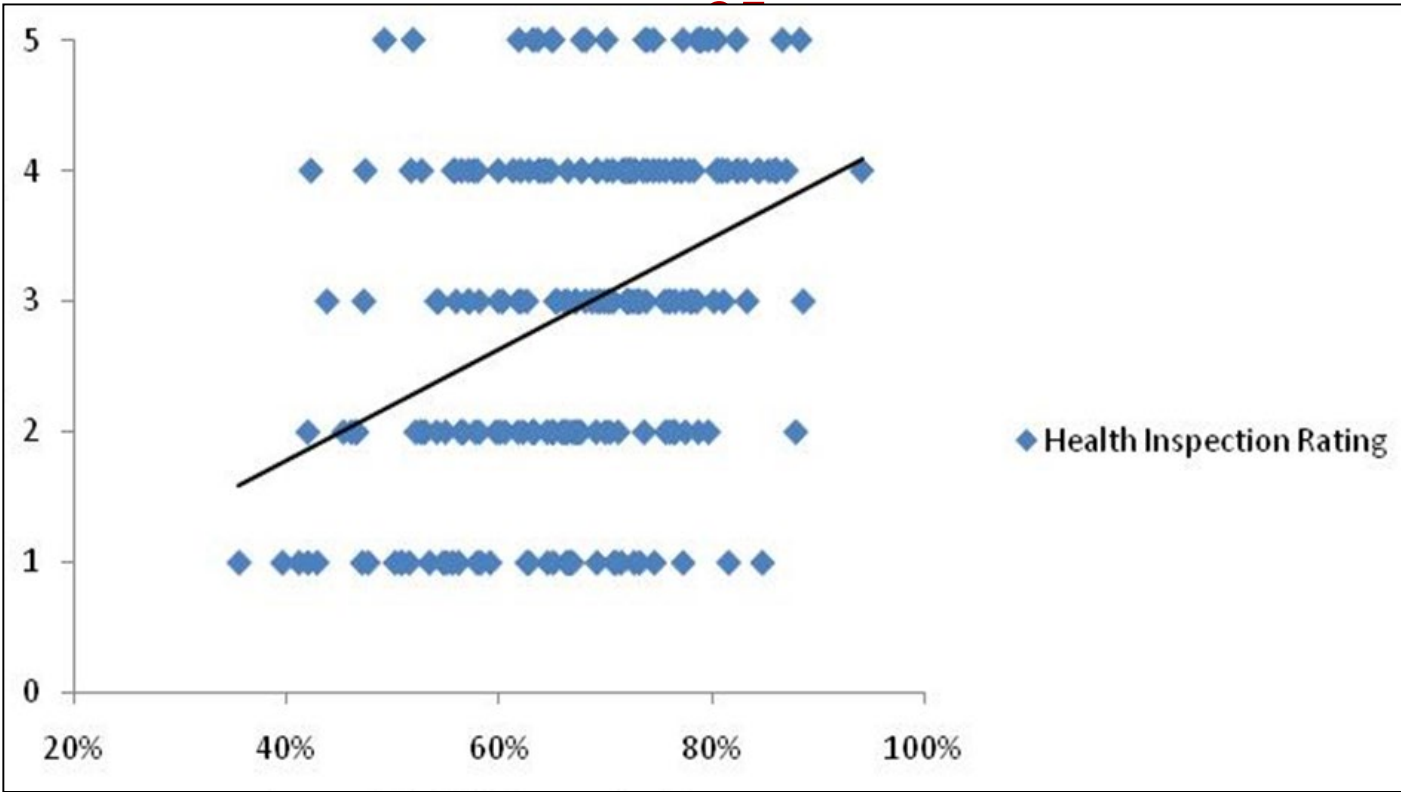
Mardon, Khanna, Sorra, Dyer & Famolaro. Dec 2010. Exploring Relationships Between Hospital Patient Safety Culture and Adverse Events. Journal of Patient Safety, Vol 6 (4), pp. 226-232.

Nursing Home SOPS and CMS Nursing Home Compare 5-Star Ratings



Higher patient safety culture scores associated with better health inspection ratings

Health Inspection Rating



Nursing Home SOPS Average Composite Score

Dyer, Sorra & Khanna. Sept 2011. Is Patient Safety Culture Related to Nursing Home Quality? Linking Nursing Home SOPS Scores With CMS Five-Star Quality Ratings. AHRQ Annual Meeting, Bethesda, MD.