The AHRQ Quality Indicators
Results and Discussion of Data Analysis
INSTRUCTIONS FOR USING THIS TOOL – DELETE THIS SLIDE BEFORE PRESENTATION

• Use this PowerPoint presentation as a template for your presentation.
• Replace the charts with charts that you create with your data (use the Excel workbook for guidance) and replace the red text with your hospital’s information.
How can the AHRQ QIs be used in quality assessment?

• Can be used to:
  • Flag potential problems in quality of care
  • Assess performance and compare against peer hospitals
  • Observe your hospital’s performance over time

Source: www.qualityindicators.ahrq.gov and AHRQ Quality Indicators Toolkit Literature Review
Relative to a national sample of hospitals, Your Hospital has similar or better performance on most of the IQIs.

Notes:
This chart comes from the Excel worksheet (compare-IQI-rates-benchmark).
Relative to a national sample of hospitals, Your Hospital has similar or better performance on many of the PSIs. However, Pressure Ulcers (PSI 3) occur at higher rates than the national sample – this may be an area where Your Hospital should focus quality improvement efforts.

Notes:

This chart comes from the Excel worksheet (compare-PSI-rates-benchmark).
In this example, we will examine the rates of Pressure Ulcers (PSI 3) and how this particular hospital performed over time.

Determine which indicator(s) you would like to focus on, and fill in these slides based on that indicator and your hospital’s data.

Based on the information that you would like to present, you may choose not to use all of the slides available here.
Indicators That Require Attention

• Based on a review of Your Hospital’s performance on the IQIs and PSIs, we have decided to focus on the following indicators:
  - Pressure Ulcer (PSI 3)
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• You may want to include information about the indicator as background information.

• Go to www.qualityindicators.ahrq.gov/ or see the Fact Sheet in this toolkit (Tool A1) to obtain this information.
A PSI Example: Pressure Ulcer (PSI 3)

- **Numerator:** Discharges with ICD-9-CM code of pressure ulcer in any secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator
- **Denominator:** All medical and surgical discharges age 18 years and older defined by specific DRGs or Medicare Severity DRGs that do not meet any of the exclusion criteria

*DELETE THIS TEXT BEFORE PRESENTATION: Replace this information with information about your chosen indicators. Copy this slide and repeat as necessary.*

ICD-9 = International Classification of Diseases, 9th Revision; DRG = diagnosis-related group.

Comparing Performance Over Time

Examining Observed Rates of Pressure Ulcers (PSI 3)

Notes:
This chart comes from the Excel worksheet (trend-observed).
Comparing Observed Performance to Expected Performance over Time

Comparing Observed Rates of Pressure Ulcers (PSI 3) to Expected Rates

Notes:

This chart comes from the Excel worksheet (trend-observed-expected).
Comparing Risk-Adjusted and Smoothed Rates Over Time

Risk-Adjusted and Smoothed Rates of Pressure Ulcers (PSI 3)

Notes:
This chart comes from the Excel worksheet (trend-risk-adjusted-smoothed).
Evaluating Case Mix Relative to Other Hospitals

Comparing Expected Rates of Pressure Ulcers (PSI 3) to Benchmark Rates To Compare Case Mix

Notes:

This chart comes from the Excel worksheet (trend-expected-benchmark).
Comparing Hospital’s Performance to National Performance Over Time

Comparing Risk-Adjusted Rates of Pressure Ulcers (PSI 3) to Benchmark Rates

Notes:
This chart comes from the Excel worksheet (trend-risk-adjusted-benchmark).