

# **Cross-System Evaluation of QRS: Research Questions and Approaches in the QRS Assessment**

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# QRS Assessment: Goals

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- **Catalog comprehensive and consistent information on QRS key elements**
- **Gather and synthesize in-depth information on planning, design, and evaluation for select QRS**
- **Analyze secondary data to aggregate findings across QRS**
- **Develop a toolkit of resources for QRS evaluation**

# Compendium of QRS

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- **Foundational work for the Assessment**
- **Provides information, analysis and resources to QRIS stakeholders**
- **Produced cross-QRIS comparative information on 26 QRIS as well as individual profiles**
- **Data collection:**
  - **Template included over 200 data elements**
  - **Stage one: review of publicly available sources**
  - **Stage two: interviews with QRIS administrators to complete the templates**
  - **Data collected from Aug-Oct, 2009**
  - **Released in April 2010 (on OPRE web site)**

# In-Depth Study: Guidance from Expert Panel

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- **Use a question-based approach**
- **Examine the variation that exists, why, and on what basis these decisions have been made**
- **Identify data availability and its quality**
- **Identify resources QRIS stakeholders need from an evaluation toolkit**

# In-Depth Study: Two, Actually

- **Quality Measurement in Select QRIS**
  - What is the variation in how select QRIS define and measure quality?
  - What processes are used to measure components and determine an overall rating?
  - What is the availability (and use) of consistent and reliable data on quality measurement?
  
- **QRIS as a System Builder**
  - How and to what extent do QRISs contribute to ECE system development and integration?
  - How could QRISs assess the extent of their contribution to ECE system development?

# Secondary Data Analysis

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- **Subset of QRISs in the quality measurement in-depth study (3 of 5)**
- **Data sources: QRS databases, PD registries, ERS data**
- **Analysis will build on the 13 quality component categories described in the Compendium**

# Secondary Data Analysis: Proposed Approach

- How do providers differ on quality measurement (by component) along a common metric across QRISs?

*Approach: univariate descriptives—means, frequencies, percentages*

- What are the correlations among components? Between observed quality and other components? Between all components and the rating level?

*Approach: bivariate correlations*

# Secondary Data Analysis: Proposed Approach (cont'd)

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- What is the unique effect of each component?

*Approach: multivariate analysis (regression models)*

- What potential combination and weighting of components most strongly explains the variation in quality rating levels?

*Approach: Simulation using regression models*



# QRS Assessment Products: Timeline

Task	Associated Product Release
Compendium of QRS	Released in April 2010
In-Depth Study	Spring 2011
Secondary Data Analysis	Spring 2011
Toolkit for Evaluating QRIS	Spring 2011
Classroom Observation Pilot	Winter 2011

# QRS Assessment Project: Contacts

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