

# WCHQ Readmission Rate Pilot Update

**May 7th, 2010**



## Who We Are

A voluntary consortium of organizations learning & working together to improve the quality & cost-effectiveness of healthcare for the people of Wisconsin.

## Stakeholders

- WCHQ membership represents approximately 40% of all WI physicians (5,200) & 50% of WI primary care physicians (2,000).
- WCHQ membership is represented in all 8 regions of the state.
- WCHQ is affiliated with 18 purchasers (Wisconsin businesses) and strategic partners (state health care organizations).

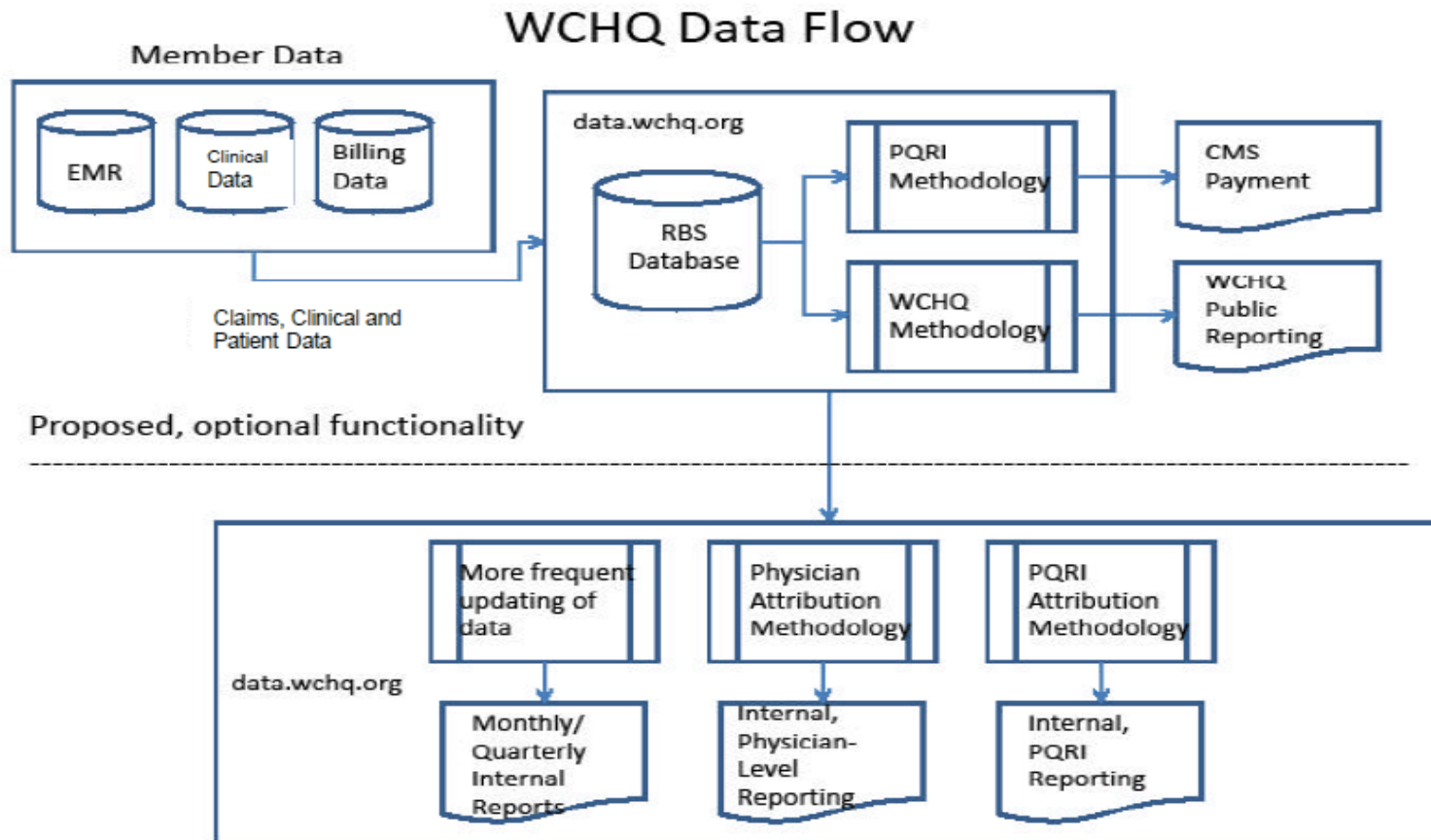
## Staff

WCHQ currently employs 8 full-time staff members located in Madison and La Crosse Wisconsin. We contract with a data vendor located in Milwaukee.

## What We Do

- Develop performance measures for assessing the quality of healthcare services.
- Endeavor to build a set of ambulatory care measures that enable medical groups and/or health systems to collect and report quality of care data using medical group data on **all** patients.
- Guide the collection, validation & analysis of measurement data.
- Publicly report measurement results for healthcare providers, purchasers & consumers.
- Share the best practices of healthcare organizations that demonstrate high quality care, enabling all providers to adopt successful methods.

# WCHQ - RBS Data Flow



# Timeline of Key Activities and Stakeholder Interest

- Readmission Rate Pilot Timeframe (to date):
  - June 2009 – The Readmission Rate Pilot is presented to the WCHQ Hospital Measures Workgroup.
  - July 2009 – Potential interest is discussed with the Hospital Measures Workgroup with 3 hospitals indicating they will submit data.
  - September 2009 – WCHQ meets with the Wisconsin Hospital Association (WHA) seeking potential involvement with them and their hospital database for this project, particularly the patient ID that could be used to track patients across hospitals. They declined participation, based on the feeling that there are already readmission measures using the 3M methodology and they didn't feel there would be great interest by their members in this.
  - November 2009 – WCHQ forms a sub-group of the larger Hospital Measures Workgroup called the Readmission Rate Subcommittee. A subcommittee call is held to review a newly developed draft readmission rate specification. Additional data fields needed, format changes and general questions were reviewed. Commitment from members has grown to 5 hospitals. 2 additional hospitals are sitting on the calls with potential future interest.

# Timeline of Key Activities and Stakeholder Interest

- Readmission Rate Pilot Timeframe (to date), continued:
  - December 2009 – Readmission Rate Subcommittee call to discuss updates made to specification from November call and to look at timeline of programming measures with data vendor. Decision to make final changes to the specification and review in early 2010 with goal that spec will be finalized at that time, allowing groups to start creating files for data submission.
  - February 2010 – Readmission Rate Subcommittee call to discuss “final” draft version of specification.
  - March 2010 – Final specification is posted for subcommittee members and data files are created for submission. Measure programming is started.
  - April 2010 - Hospitals begin uploading data files into the RBS data repository. Measure programming is completed. Preliminary results run for two hospitals.
  - May 2010 – Data for remaining three hospitals will be uploaded and preliminary results run. Data validation of the preliminary results is beginning and will consist initially of selecting random patients and counting admissions/readmissions. Exclusions will also be reviewed in validation. Once all 5 participating hospital preliminary results have been run and validated the Readmission Rate Subcommittee will meet to discuss and will also consult with Brookings staff for next steps.

# Measures Included in Pilot

## Project End Goals

- Brookings Institution will support local initiatives such as WCHQ in testing, implementing, and reporting measures of readmission rates more broadly than the current CMS readmission measures for AMI, pneumonia and CHF by looking at all patients and all payers.
- Initially an All-Cause Readmission rate will be reported. This will include all hospitalizations regardless of diagnosis and all subsequent hospitalizations are then classed as readmissions even if the readmission hospitalization diagnosis is different from the original admission.
- Subsequent reporting of Readmission measures by diagnosis types: AMI, Pneumonia, CHF, COPD, Asthma, Stroke, Total Hip and Total Knee replacements and other diagnoses.
- Over the longer term the goal will be to apply the standard CMS readmission measures for AMI, pneumonia, and CHF on the commercial population.

## Objectives

- Objective of the WCHQ Readmission Rate measure project is to consider this as a research and testing exercise with a goal to ultimately publically report the data.

## Deliverables

- Report by overall readmission rate by hospital
- Report by average days between readmissions by hospital
- Report by rate of readmissions after 7, 14, 30, 60 and 90 days by hospital
- Report stratified by Primary Diagnosis
- Report by Primary Payer Type
- Report by Race
- Report by Age Groups
- Report by Gender

# Preliminary Data Results

Preliminary results for two hospitals are shown below:

*Note: These results have not been validated*

## Report by Rate of Readmissions After 7, 14, 30, 60, and 90 Days by Hospital

### Hospital A

● <b>Admissions</b>	<b>15650</b>	
● 7 Days	614	3.92%
● 14 Days	1067	6.82%
● 30 Days	1816	11.60%
● 60 Days	2966	18.95%
● 90 Days	3904	24.95%

### Hospital B

● <b>Admissions</b>	<b>20079</b>	
● 7 Days	723	2.14%
● 14 Days	1749	5.18%
● 30 Days	3534	10.47%
● 60 Days	6069	17.98%
● 90 Days	8004	23.71%

# Contact Information

**For any questions or additional information please contact:**

Mary Gordon

Clinical Information Manager

608-775-4519

[mgordon@wchq.org](mailto:mgordon@wchq.org)