DFWHC FOUNDATION

Thinking About Health Information Differently
Population Health Collaboration
Practical Approaches
Mission
To serve as a catalyst for continual improvement in community health and healthcare delivery through education, research, communication, collaboration and coordination.

Vision
Act as a trusted community resource to expand knowledge and develop new insight for the continuous improvement of health and healthcare.
Relationship and History

Non-profit foundation affiliated with Dallas-Fort Worth Hospital Council

Information & Quality Services Center in existence for 14 years

Services contracts in place with Business Associate Agreements

80 facilities participate

Data submitted to the Texas Healthcare Information Collaborative

www.dfwhcfoundation.org
Foundation Structure

- Information and Quality Services Collaborative
- Community Health Collaborative
- Research Collaborative
- Workforce Development Center

Board of Trustees

- Texas Quality Initiative
- North Texas Regional Extension Center

www.dfwhcfoundation.org
Foundation Committee Structure

DFWHC Foundation Board of Trustees

North Texas Regional Extension Center Advisory Board
  - North Texas Health Information and Quality Collaborative
  - Community Health Collaborative

Texas Quality Initiative Advisory Board
  - Workforce Advisory Committee
  - Research Collaborative
Committee Sub-Structure for Data Management/Use

North Texas Information and Quality Services

- Patient Safety and Quality Committee
- IS Technical Advisory Committee
- Product Development/Data Users Group
- Research Committee
- Nominating Committee
**INFORMATION & QUALITY SERVICES CENTER**

**QUALITY ASSURANCE REPORT**

Prepared by Ed Schmitt
As of September 28, 2010

<table>
<thead>
<tr>
<th>Data Source: DISQLWAREHOUSE/'DI PUDF MSDRG'</th>
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<tbody>
<tr>
<td>Cognos Cubes: 'DI PUDF v1_2', 'DI PUDF MRSA 2008Q4 to Present', 'DI PUDF v1_2 PHY_DRG', 'DI PUDF V2 Trauma'</td>
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<tr>
<td>Analytic Type (e.g., Quality, PUDF): Reconciliation, Validation, Fitness</td>
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<tr>
<td>Timeframe of tested data: 2010Q2 and Previous Periods</td>
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<table>
<thead>
<tr>
<th>Known Items per previous quarter release:</th>
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<table>
<thead>
<tr>
<th>ProviderID</th>
<th>Name</th>
<th>Issue</th>
<th>Status</th>
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**Validation & Reconciliation & Fitness**

<table>
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<tr>
<th>Audit</th>
<th>Date</th>
<th>Comments</th>
<th>Status</th>
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<tbody>
<tr>
<td>Counts for inpatient claims for each hospid are within upper and lower bounds, notes for exceptions</td>
<td>9/28/2010</td>
<td>Pass</td>
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<tr>
<td>Charge Totals for inpatient claims for each hospid are within upper and lower bounds, notes for exceptions</td>
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<td>Previous Period Change Review</td>
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<td>Inpatient Label Checks - All Diag and Proc Code Positions</td>
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<td>Payor</td>
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Information

DATA CONTENT AND
AVAILABILITY
Contributing Facilities and Patients
Who Are the Data Submitters?

- 80 Facilities
  - 65 Acute
  - 7 Rehab/Psych
  - 8 AmbSurg
- 17 counties
How much data is captured in the DFWHC Data Warehouse?

* Note 2010 Data--Excludes Rehab and Behavioral Health
General Description of Information Submitted

• Claims from all participating hospitals
• HIPAA compliant blinding
• All payers - including self-pay patients
• All patient encounters except
  – outpatient lab
  – hospital-based outpatient clinic
• Run on THCIC State Data
  – About 1 year lag to most current quarter
• Run on DFWHC Region Wide data
  – About 2.5 months lag to end of most current month
Inpatient Claims Information

- North Texas Data from 2003 to Present
- Texas State Data 2004 to Present
- Case level detail
- Diagnosis codes 1-25
- Procedure codes 1-25
- All Charge Data
  (Total Charge only in Texas State Data)
- Physician ID and Name
  (Not included in Texas State Data)
Outpatient Claims Information

- North Texas Data from 2006 to Present
  - 44 volunteer hospitals 2006 - 2009
  - All Facilities beginning Q4 2009
- Case level detail
- Diagnosis codes 1-25
- Procedure codes 1-25
- All Charge Data
Outpatient Claims Information

*Unique to DFWHC Foundation*

- Physician ID and Name
- ER Encounters with NYU Algorithm
- Observation, GI and Cardiology Encounters
Regional Enterprise Master Patient Index (REMPI)

- Probabilistic electronic tool that matches patient encounters across hospitals and systems when applied to the Information and Quality Services Center Data Set
- Identification and analysis of patient activity regardless of encounter location or payer
  - Readmissions
  - ER utilization
  - Imaging utilization
Texas Quality Initiative

- Regional STS Certified Clinical Data Registry
- > 90% of North Texas CABG and AVR Encounters
- REMPI Matching to Claims Warehouse Information
Business Intelligence

- Quality Metrics – Hospital Engagement Network and AHRQ Measures
- Improvement of Cardiovascular Services
- Readmission Analyses
- ER “Frequent Flyer” Reports
- Market segment assessments – by service line, physician and geography
- Community Health Needs Assessments and Regional Community Health Improvement Reporting
- 1115 Waiver Metric/Outcome Support
- ACO Alignment Information
- Regional Health Information Exchange Support
- Grants/Research
Taking Data to the Next Level

Population Health, Research, Physician Analytics
Community and Population Health Management

- Diabetes
- Congestive Heart Failure Readmissions
- Patient Migration
- Emergency Room Analysis
- Form 990 Analyses
- 1115 Waiver Metrics
- Rural Uses
Contacts
Kristin Jenkins
kjenkins@dfwhcfoundation.org
or 817-319-3587

Dallas-Fort Worth Hospital Council
Education and Research Foundation