



Where does the Discharge Data go?

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Background



Outline

- Changes in the Discharge Data program as of 2010
- Overview of the Discharge Data collection system
- What is done with the data weekly, monthly, quarterly, & annually
- Where the data is used on the web



2010 Changes to Discharge Data Program

- CHA now collects inpatient, ambulatory surgeries, emergency department, & outpatient claims
- ED data will be used by CDPHE, Hospitals, AHRQ, & other organizations
- UB-04 data (including POA) is collected



Advantages of the new iCHART

- Data submission is one file instead of two
- POA code is collected and used in quality reporting
- File format is ICD-10 ready
- ICD-9 codes expanded to 29 secondary DX & PX
- Additional data elements can be easily added to file layout




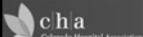
Advantages (continued)

- Edit reports are the same for Inpatient and Ambulatory Surgery claims
- iCHART application works without modification
- Claims data can be collected in both old and new formats during the conversion
- Edits for inpatient & ambulatory surgery records should NOT increase HIM workload





Inpatients and Ambulatory Surgeries Claims

- Submitted monthly to CHA via iCHART
- Claims assign MS-DRG via 3M Grouper
- Claims edited for Incomplete or Inacurate data
- Edits reports include both Clinical and Charge edits




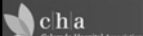
Edits Corrected Online

- Claims can be corrected online
- Claims can be added or deleted via secure website
- Claims can be resubmitted via iCHART




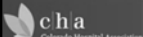
Weekly Processing

- CDPHE receives data weekly from CHA
- Children with Special Needs Registry
- Influenza database
- Both Claims data (UB04) and Patient identifier data is forwarded to CDPHE





Monthly Processing

- CDPHE sent Claims Data and Patient Identifiable data for state mandated registries.
 - Trauma
 - Autism
 - Tramatic Brain Injuries
 - Firearm Injuries
 - Children with Special Needs
 - Influenza
 - Cancer



Quarterly Processing

- Quarterly reports are created for Hospital CEOs & HIM Department.
- CD ROMs with statewide patient claims are sent to many hospitals Planning/Marketing Departments
- Custom ad hoc reports are generated for hospitals and researchers



Quarterly Hospital Reports www.chha.com

- Monthly reports include
 - Product/Line Market Share reports
 - Case Mix reports
 - Hospital Charges by Select APR-DRGs
 - Participation reports
 - Accuracy reports
- Most reports are available on the CHA Discharge Data website www.chha.com



Quarterly CD ROMs

- Most Large Metro hospital purchase the patient level database on a CD ROM
- Patient Level data is usually placed in a database with the hospital's Planning/Marketing Department.
- Hospitals normally use third party drill down tools to slice and dice the statewide database
 - Market Planner Plus.
 - Polaris.



Annual Processing

- Annual reports are generated for hospital CEOs & HIM Departments
- "35 Most Common Reasons for Hospitalization and Average Length of Stay" report is published.
- The website "Colorado Hospital Prices" (www.cohospitalprices.org) is populated with charges and reimbursement information.
- The website "Colorado Hospital Report Card" (www.cohospitalquality.org) is populated with Mortality, Patient Safety, Pediatric, and Prevention Measures.





Annual Processing (cont.)

- Hospital Admission's Department sent CD ROM with severity adjusted Average Charges & Average Length of Stay by APR-DRG.
- CD ROM is used by the Admissions Department to satisfy SB 03-015 (2004)
 - "All hospitals must be able to disclose estimated charges to patients for inpatient care prior to being admitted"
 - "When requested, the average charge information shall be made available to the person prior to admission for such procedure."





Annual Processing (cont)

- Statewide Discharge Data is sent to Agency for Healthcare Research and Quality (AHRQ)
 - AHRQ publishes discharge data in the "Healthcare Cost & Utilization Project (HCUP)
- HCUP National database are:
 - State Inpatient Databases (SID)
 - State Ambulatory Surgery Databases (SASD)
 - Kids' Inpatient Database (KID)
 - State Emergency Department Databases (SEDD)




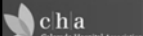
"35 Most Common Reasons for Hospitalization and Average Length of Stay"

- This annual report is produced in Hard Copy and CD ROM
- Several copies are sent to each hospital
- All public libraries in the Colorado receive a copy




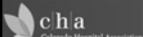
Cohospitalprices.org

- Web site mandated by State of Colorado in 2008.
- Reporting is based on the top 25 most common procedures (65 MS-DRGs).
- Site is a collaboration between CHA and DORA (Department of Regulatory Agencies, Division of Insurance)
- CHA provides volume and Average Charges; and DORA includes reimbursement rates by insurance company.



Cohospitalquality.org

- Colorado Hospital Report Card was mandated by the state of Colorado in 2004
- Report card uses AHRQ Quality Reporting tools
- Measurements include:
 - Mortality rate
 - Patient safety measures
 - Pediatric measures
 - Prevention measures (by county)




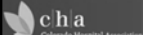
Cohospitalquality.org (cont)

- 11 Mortality rates
 - Gi Bleed
 - Heart Artery Repair (PTCA)
 - Heart Attack (AMI)
 - Heart Bypass (CABG)
 - Heart Failure (CHF)
 - Hip Fracture
 - Hip Replacement
 - Neck Artery Surgery (CEA)
 - Pneumonia
 - Skull Surgery (Craniotomy)
 - Stroke




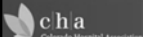
Cohospitalquality.org (cont)

- 3 Patient Safety Measures
 - Bloodstream Infection (Sepsis)
 - Blood Clot (DVT) / Lung Artery Clot (PE)
 - Pressure Sores (Decubitus Ulcer)
- 6 Pediatric Measures (LOS & Volumes)
 - Asthma
 - Appendectomy
 - Diabetes
 - Gastrointestinal Illness
 - Live Births
 - Respiratory Illnesses





Cohospitalquality.org (cont)

- 14 Prevention Measures (by county)
 - Amputations (diabetic-associated)
 - Asthma
 - Chest Pain (Angina)
 - Chronic Lung Disease (COPD)
 - Dehydration
 - Diabetic Complications (short and long term)
 - Heart Failure (CHF)
 - High Blood Pressure (Hypertension)
 - Low Birth Weight Deliveries
 - Pneumonia
 - Ruptured Appendix
 - Uncontrolled Diabetes
 - Urinary Tract Infection (UTI)



www.ahrq.gov HCUP & HCUPnet

- Publishes Facts & Figures report annually.
 - Inpatient volumes by diagnosis or procedure
 - Costs by diagnosis or Body System
 - Inpatient statistics by Payor
- Interactive on-line query system for inpatient and emergency department utilization.
 - National and State Statistics of 40 participating states



statesnapshots.ahrq.gov

- State Dashboard
 - Consist of over 100 Quality Measures for the state
 - Multiple data sources are used for the Quality Measures (including HCUP)
 - Measures are rated Better than Average, Average, Worse than Average
 - State is compared to all states and to regional states
 - Measures are shown with current year and a baseline year to indicate "direction of change" (improved, no change, worse)



Websites

www.chha.com
www.cohospitalprices.org
www.cohospitalquality.org
www.ahrq.gov
statesnapshots.ahrq.gov



Contact Information

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