OHA Data Solutions Program Overview

December 6, 2019

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OHA Data Solutions Program Overview

- OHA Data Solutions Introduction

- State Reporting Requirements for 2020

- HIDI Partnership and Voluntary Data Program Benefits

- HIDI Data Collection and Aggregation Services Overview
  - ➤ HIDINet Data Collection Tool Demo

- HIDI Business Intelligence Services Overview
  - ➤ HIDI Analytic Advantage® Reports and Dashboards Demo

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OHA Data Solutions Overview

OHA Data Solutions Program Overview

- Inpatient and Outpatient Data Collected
- Data submitted to the Oklahoma State Department of Health (OSDH)
  - Single data submission to OHA meets new and prior OSDH data mandate requirements
- Creates statewide database to support OHA advocacy efforts for OHA members
- Easy to use data submission and correction screen interface
- Interactive query to view and build current market share data reporting
- Access to drill-through views into hospital clinical data performance benchmarking; potentially readmissions
- Access to timely quarterly limited data set supports OHA member needs for in-house analytics and trending

2020 State Reporting Requirements

OSDH 2020 Reporting Requirements

|	Current OSDH requirement	2020 OSDH requirement
Inpatient discharges	Annual	Quarterly
Outpatient surgery	Annual	Quarterly
Emergency Department	None	Monthly

https://www.ok.gov/health/Data_and_Statistics/Center_For_Health_Statistics/Health_Care_Information/Hospital_Discharge_&_Outpatient_ASC_Surgery_Data/index.html

HIDI Partnership and Voluntary Data Program Benefits

HIDI Partnership Benefits

- Largest state hospital association trusted data partner
- Has diverse expertise in health services research, association policy and advocacy support, data stewardship, health IT, consulting, solution development and project management
- Is a national thought leader and published resource for sociodemographic risk adjustment, readmissions modeling, small-area population health measures and numerous other measurement and analytic topics utilizing hospital encounter data
- No cost infrastructure for data collection services
- Scaled Agile Framework Environment (SAFe)
- Specific services for SHAs
  - ➢ Non-resident data exchange, data enrichments

HIDI Service Penetration

Updated 04/2019
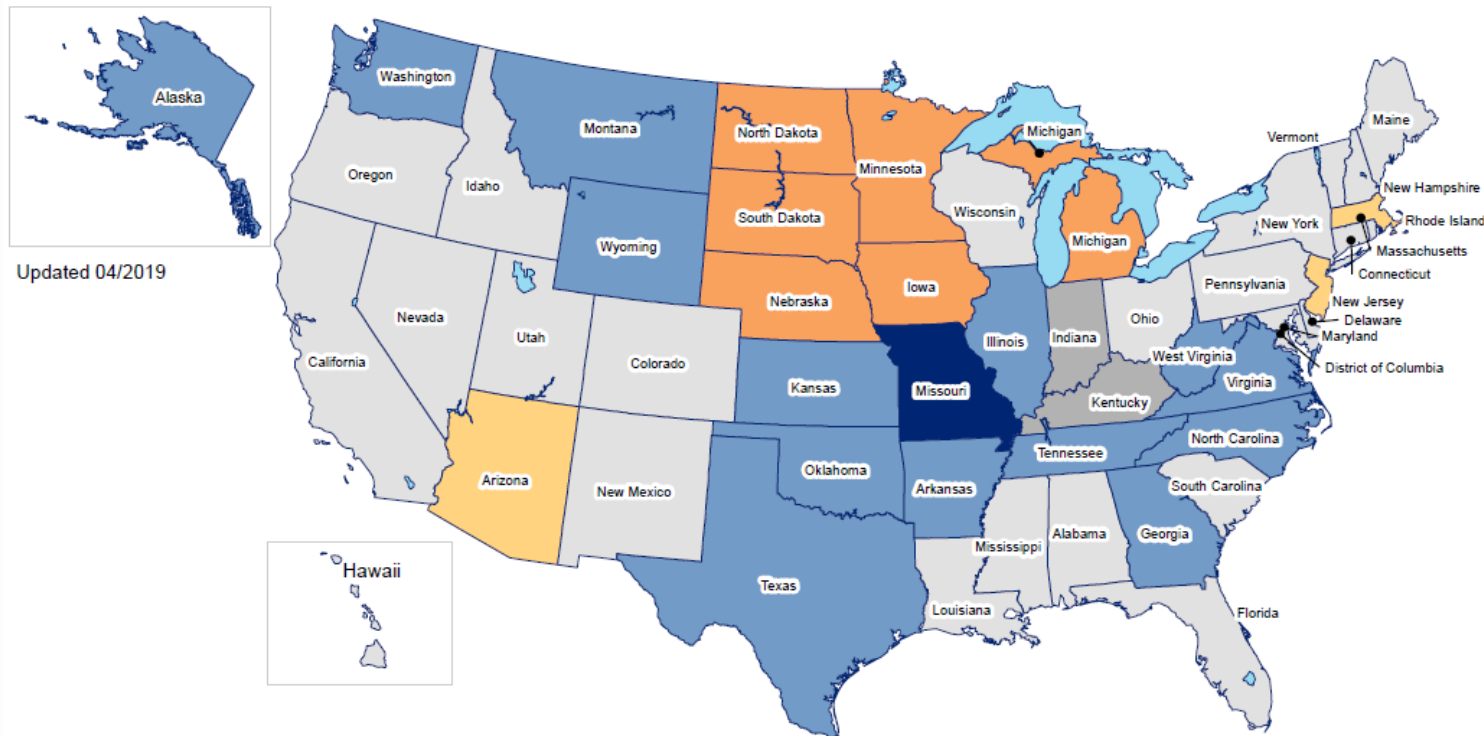
Other Data Exchange Participants		
• Indiana	• Kentucky	

Special Projects		
• Arizona	• Massachusetts	• New Jersey

HIDI State Hospital Association Partners and Clients		
• Alaska	• Montana (served by COMPdata)	• Tennessee
• Arkansas		• Virginia
• Georgia	• North Carolina	• West Virginia
• Illinois (COMPdata)	• Oklahoma	• Washington
• Kansas	• State of Alaska	• Wyoming
	• Texas	

HIDI Non-Resident or MO Exchange Database Participants		
• Georgia	• Minnesota	• North Dakota
• Illinois	• Missouri	• South Dakota
• Iowa	• Montana	• Tennessee
• Kansas	• Nebraska	• Wyoming
• Michigan	• North Carolina	

Data Program ROI, Supports Association Policy & Advocacy Needs

Examples of empirical data use to support policy and advocacy positioning for:

- Medicaid expansion & reform
- Excess ED utilization consumption
- Opioid use disorder
- Impact of risk-adjustment for social determinants of health.
- Health disparities and inequities across geographies

OHA Data Program Benefits

- **Supports association advocacy** programs
- **Supports public policy** initiatives
- Delivers **actionable analytics** to hospital c-suite
  - Performance benchmarking
  - Population health risk metrics, gaps
- **"Knowledge to Transform"** — Provides data insights and resources to support payment and delivery system reforms
- **Drives adaptive health learning** to improve care
- Data **supports mandated reporting** to state
- Data stewardship decisions owned by participating hospitals
- User friendly access to data through online reporting platform

HIDI Data Collection and Aggregation Services Overview

HIDI Data Collection
The Hospital Discharge Data Collection Leader

- Data collection and aggregation
  - Discharge data – Inpatient and Outpatient
  - Access to patients treated in other states through HIDI-hosted voluntary non-resident database participation or other negotiated exchanges
  - Census data, other reference data sources
- Customer-designed program to meet state-specific requirements, timelines, audits/edits, error thresholds, communications, etc.
- HIDINet Platform:
  - Customized branding for OHA
  - Secure web site access
  - No infrastructure overhead costs or capital investments
  - Easy to use and navigate
  - Data encryption in motion and at rest
  - Monthly processing optional

HIDI Data Collection
Easy to Use Member Platform

- HIDINet Platform:
  - ➤ Pre-screening of discharge data is available and uploaded data are immediately accepted or rejected
  - ➤ Customizable record edits at two levels: warning and fatal
  - ➤ Hospitals can download error and verification reports
  - ➤ Option for hospitals to view full record displays and make individual patient record corrections online
  - ➤ Corrections processed twice per day according to agreed upon schedule

HIDINet Data Collection Platform Demo

HIDI Analytic Advantage® Reports and Dashboards

Comprehensive Business Intelligence Reporting
Guiding Hospital Leaders In Making Informed Decisions

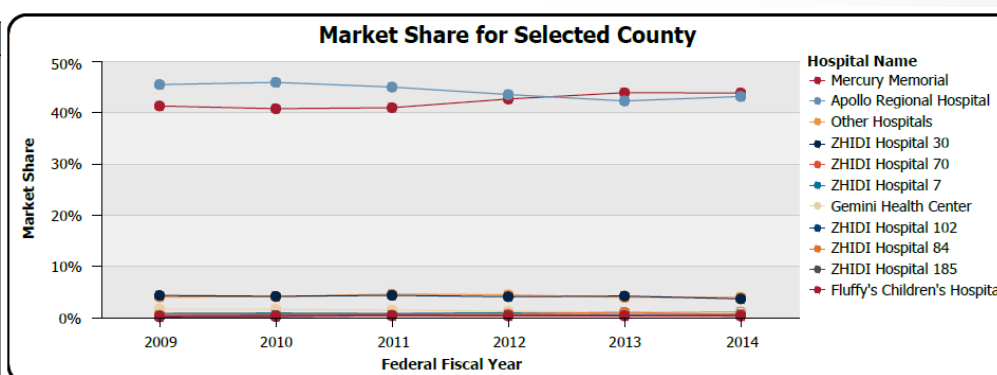HIDI's Analytic Advantage® Business Intelligence Platform enables users to:

- See hospital performance against others on key financial and quality metrics

- Make strategic market share decisions based on the most current data available and identify trends over multiple years

- Anticipate the associated financial impact of complex policy changes with current data

- Identify service opportunities throughout the market

- Understand physicians' loyalty and performance

- Secure Web-based business intelligence platform making data assets actionable for more than 4,000 hospital users across the U.S.
- View, download and interact with data to assist with the decision-making process in improving hospital operations
- Analytic Advantage® business intelligence reports and dashboards
  - ➢ Secure single user portal access to all reporting
  - ➢ Unlimited member end user quota allowance
  - ➢ C-suite dashboards
  - ➢ Interactive/dynamic reporting
  - ➢ Drill-through reporting record access (HIPAA compliant)
  - ➢ User-defined custom filter build option
  - ➢ Exporting as .xlsx and .pdf and saving reports

Strategic Planning and Market Share Reports

Hospital	2014 Total Patient Count
Apollo Regional Hospital	34,659

Rank	County	Patient Count 2014	Market Share 2014
1	Piston, MISSOURI	16,014	44.0%
2	Fuselage, MISSOURI	4,261	49.3%
3	County 112, MISSOURI	2,109	47.3%
4	County 106, MISSOURI	1,401	20.9%
5	County 55, MISSOURI	1,395	31.9%
6	County 104, MISSOURI	1,149	30.7%
7	County 5, MISSOURI	1,105	25.7%
8	County 114, MISSOURI	911	32.9%
9	Turbine, MISSOURI	649	18.7%
10	County 34, MISSOURI	600	47.7%

Market Share for Selected County

Hospital Name
- Mercury Memorial
- Apollo Regional Hospital
- Other Hospitals
- ZHIDI Hospital 30
- ZHIDI Hospital 70
- ZHIDI Hospital 7
- Gemini Health Center
- ZHIDI Hospital 102
- ZHIDI Hospital 84
- ZHIDI Hospital 185
- Fluffy's Children's Hospital

Hospital	2009 Market Share	2010 Market Share	2011 Market Share	2012 Market Share	2013 Market Share	2014 Market Share	2014 Patient Count
Mercury Memorial	41%	41%	41%	43%	44%	44%	21,254
Apollo Regional Hospital	45%	46%	45%	44%	42%	43%	20,924
Other Hospitals	4%	4%	5%	4%	4%	4%	1,949

Physician Utilization Reports

- Attending physician data is captured within the administrative data.

- Hospitals can identify trends and admission patterns of physician loyalty.

Attending Physician	Hospital	Patient Count	Avg LOS	Case Share %
COLLINS, MICHAEL	Humanity Healthcare Center	153	2.86	54.64%
	Metropolitan Medical Center	52	2.52	18.57%
COLLINS, MICHAEL	**- Total**	**205**	**2.77**	
REID, ELLIOT	Flux Capacitor Medical Center	53	3.68	18.93%
	Regional Access Health System	22	5.59	7.86%
REID, ELLIOT	**- Total**	**75**	**4.24**	
Overall - Total		**280**	**3.16**	

Attending Physician

Keywords:
Type one or more keywords separated by spaces.

[ ] Search 🔍

Options ⌄

Results:

Selection(s)

REID, ELLIOT - 1083645402
COLLINS, MICHAEL - 1669415402

Insert ➡

⬅ Remove

Select all Deselect all

Select all Deselect all

Quality Outcomes Executive Dashboard
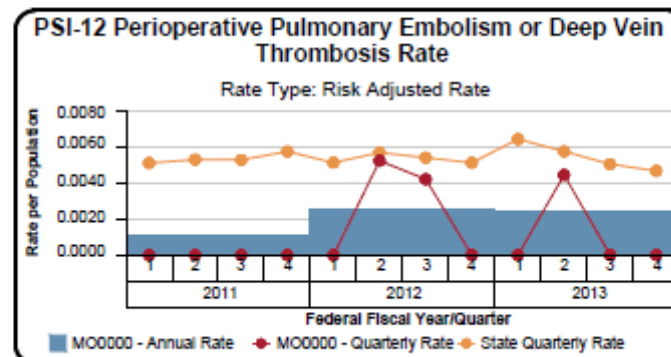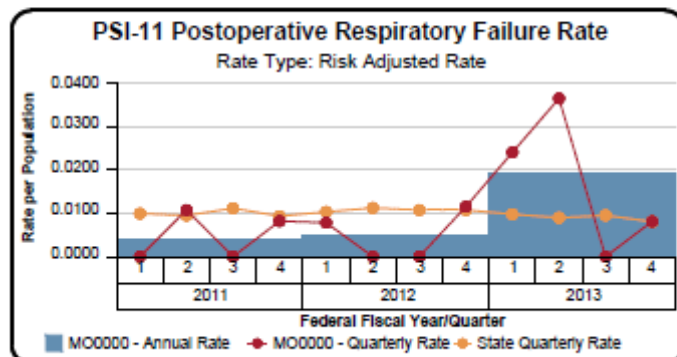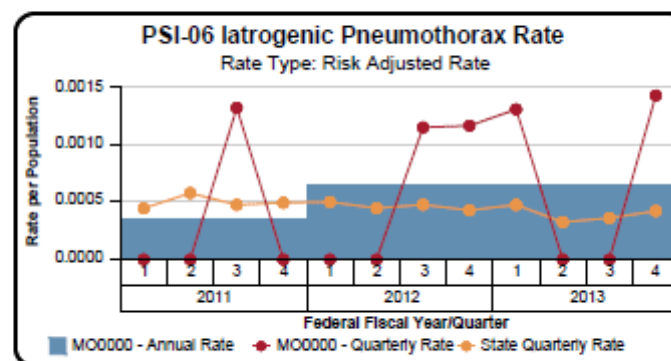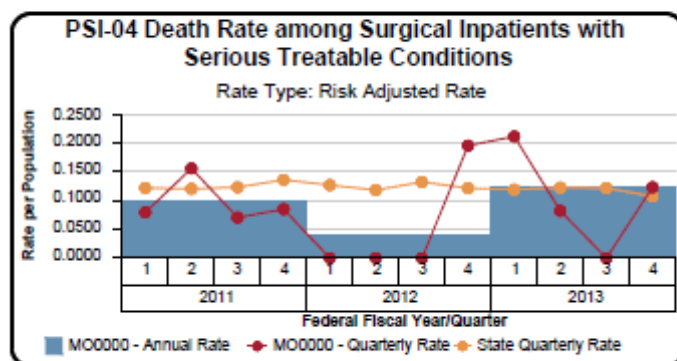
AHRQ Provider Performance Reports

HIDI Analytic Advantage® Demo

Questions?

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