

# Introduction to the IHS Integrated Data Collection System (IDCS) Data Mart

Area GPRA Coordinators' Conference

December 4, 2014

# Agenda

- Background of the Integrated Data Collection System (IDCS) Data Mart
- Comparison of IDCS to RPMS's Clinical Reporting System (CRS)

# **BACKGROUND OF THE IDCS**

# Evolution of IHS Clinical GPRA Reporting

- Aggregation
- Centralization
- Alignment

# Aggregation

- IHS currently reports clinical GPRA measure results using the Clinical Reporting System (CRS) National GPRA Report in RPMS.
- CRS reports are run electronically at the local level using measure logic programmed into CRS.
- Those reports are exported to the Area Office where all local facility reports are aggregated electronically into an Area GPRA Report.
- The national results are manually calculated from the 12 electronic Area Reports.

# Centralization

- Calculate national GPRA results from data exported to the IHS National Data Warehouse (NDW), while retaining individual facilities' and users' ability to run local reports.
  - The Integrated Data Collection System (IDCS) is planned as a national performance reporting Data Mart within the NDW.

# Alignment

- Adopt national standard measures to replace IHS electronic measures, where appropriate.
  - Colorectal cancer screening (HEDIS)
  - Million Hearts Controlling blood pressure (NQF 0018)
  - Primary open-angle glaucoma with an optic nerve head evaluation (NQF 0024) – *CRS Developmental Report v.15.0 – released November 2014*
  - Weight assessment & counseling for nutrition & physical activity, 3-17 y.o. (NQF 0086) - *CRS v.14.0 Developmental Report*
- Alignment activities will continue as IHS transitions to the IDCS.

# Integrated Data Collection System

- The Integrated Data Collection System (IDCS) Data Mart will be a centralized data source to calculate annual GPRA results reported in IHS's annual budget to Congress.
- The IDCS will utilize demographic and clinical data that has been exported to the National Patient Information Reporting System (NPIRS) in the NDW to calculate performance results.
- The IDCS will include data from RPMS exports, exports from commercial off the shelf (COTS) electronic health records (EHR), and IHS purchased/referred care (PRC—formerly CHS) records from the Fiscal Intermediary (FI).

# IDCS Programming

- Some of the clinical measures use data logic not currently exported to NPIRS. The IDCS programmers created “hooks” in the programming logic that act as placeholders until the needed data can be exported to NPIRS.
- The architecture of the NDW needs to be expanded to house these new data requirements.
- The RPMS export file for NPIRS needs to be revised to include these new data requirements.
- The export file guidance for COTS EHRs will need to be revised to include these new data requirements.

# **COMPARISON OF IDCS TO CRS**

# Table Comparison of IDCS and CRS

	<b>Integrated Data Collection System</b>	<b>Clinical Reporting System</b>
<b>Logic</b>	Programmed Centrally	Local updates with RPMS patches
<b>Reports</b>	On-demand web based; Area and National Levels	Locally run
<b>Report Run</b>	Each quarter – National data	Q2, Q3, Q4 for national aggregation from local site to Area to National
<b>Data Export</b>	Uses all data exported to the NDW for performance calculation (RPMS, COTS, FI)	Searches local RPMS servers for results
<b>Population</b>	IHS User Population for denominator	Active Clinical Population for denominator
<b>Results</b>	Calculated based on the Patient	Based on demographic and clinical data housed in the local RPMS server
<b>Unduplication</b>	Allows unduplication	No unduplication

# Dental: General Access

## DENTAL - Access to Dental Services

National Targets & Results		 <b>MET</b>		
FY 2013 Target:	26.9%		FY 2013 Actual:	29.9%
FY 2012 Target:	26.9%		FY 2012 Actual:	30.1%
Note: A higher rate is the long-term goal for this measure.				

The 2013 national percentage for IHS direct, Tribal and Urban facilities for the Access to Dental Services measure is 29.9%. Performance for this measure decreased by 0.2 of a percentage point from 2012 and exceeded the 2013 GPRA target of 26.9%.

*8 of the 11 Areas met the national target.*

DENTAL	2012 Target	2012 Final	2013 Target	2013 Final	
Dental: General Access	26.9%	28.8%	26.9%	28.3%	Met