

Maine Health Data Organization

MHDO's Role and Functions in Developing, Maintaining
and Distributing an All Claims All Payer Database

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- History of Maine Health Data Organization
- **Maine Health Care Finance Commission (MHCFC)**
- Independent executive agency charged with hospital rate setting and cost containment, repealed by Maine Legislature in 1995
- **Maine Health Data Organization (MHDO)**—established in 1996
- Successor agency to MHCFC with responsibility for maintaining multiple financial and clinical databases established during MHCFC years;
- Independent executive agency with 15 member board representing consumers, providers, payers and state;
- With enforcement authority to compel reporting by providers and payers

- **Maine Health Data Processing Center (MHDPC)—**
- Public-private partnership established in 2001, designed to provide data processing services in partnership with MHDO.

- MHDO All Payer/All Provider Claims Database (APCD)
- Established by MHDO in 2003 as “first in nation” APCD, intended to capture claims data from:
- All payers including commercial carriers and public payers (Medicaid and Medicare)
- In partnership with DPC/Onpoint.

- **APCD contains:**
 - Paid medical, dental, pharmacy claims files for all covered services rendered to publicly (Medicare Part A, B, C, D and Medicaid) and privately insured Maine residents
 - Eligibility / membership files
 - Health care service provider files
 - Standard format utilized:
 - HIPAA standard codes
 - HIPAA transaction set data elements

- **APCD Data Collection**

- The first step of the process is **data collection** from source system.
- Medicare data is sent to MHDO by Center for Medicare and Medicaid (CMS).
- The Medicaid data is sent to MHDO by Office of MaineCare Services (OMS).
- Commercial claims data is sent to Onpoint by all payers who have 50 or more members in Maine. Onpoint combines the data from each of these sources and sends it to MHDO. This data is then made available to consumers and stakeholders.

- **Data Transformation**

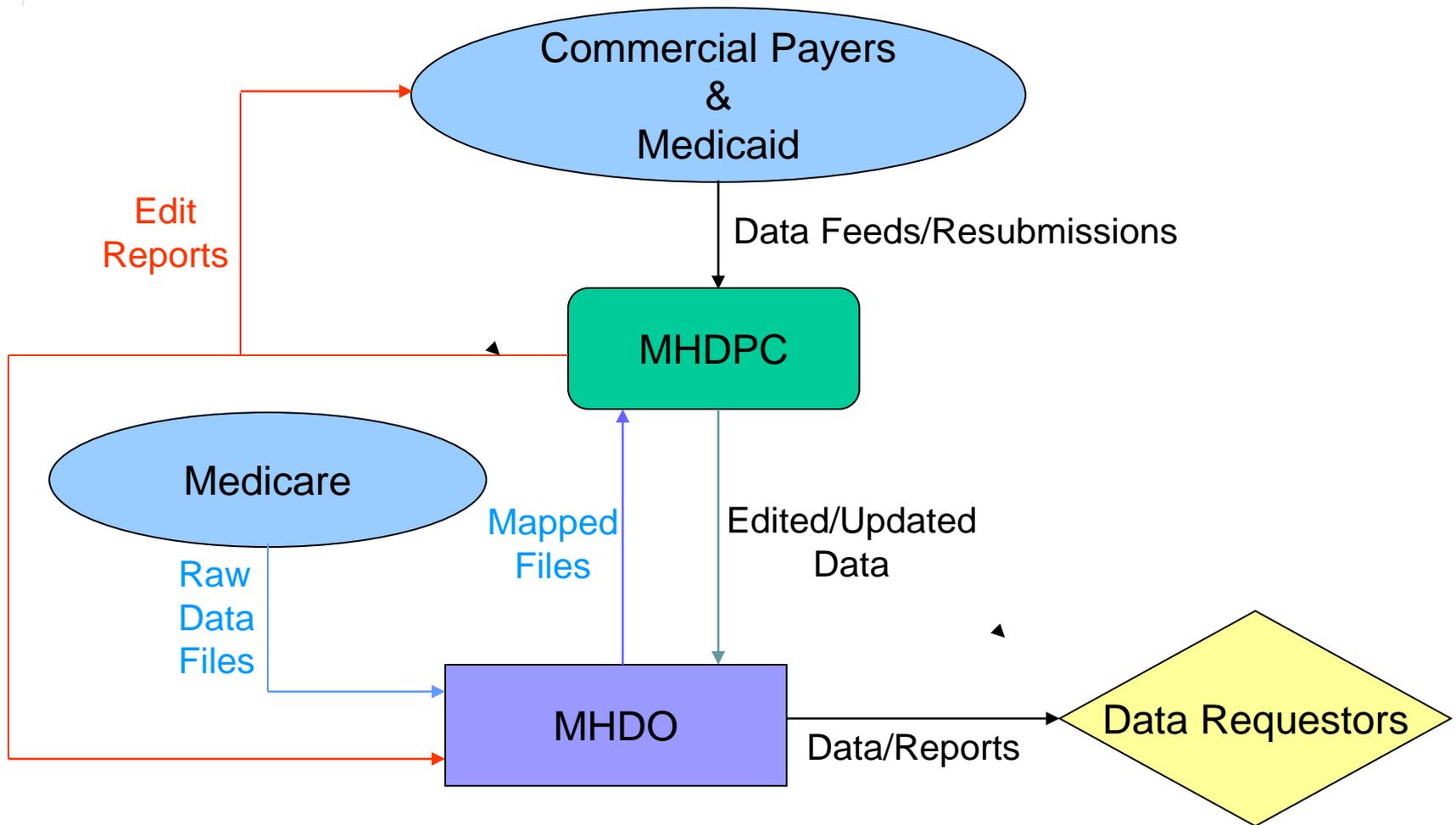
- **Medicare Data**

- The Medicare data is purchased by MHDO from CMS and received annually. There is 2-3 year delay in availability of data from CMS. The most current data MHDO has received is for year 2008. It is currently in the data transformation process.
- Medicare data received by MHDO is converted into a format that is compatible with commercial claims data and sent to Onpoint. The goal is to complete this conversion in about 7 days; however it is dependent on MHDO receiving the data in correct format. Once the data is received by Onpoint, it is merged with other commercial claims and Medicaid data. Onpoint requires 30 days to complete its processing. Once the combined data is received by MHDO, it needs another 30 days to make it available for reporting and to other stakeholders.
- This process is different from commercial because CMS sends the Medicare data in a format that is different than commercial claims data structure. MHDO converts into a commercial consistent format before sending this to Onpoint.

- **Medicaid Data**

- Medicaid claims data is sent by OMS through one of two paths to MHDO for transformation.
- 1/2003-8/31/2010 OMS to Muskie to MHDO to Onpoint
- 9/1/2010 and after—Unisys/Molina/DHHS to Onpoint
- Once the data is received by MHDO it is converted into a format that is compatible with commercial claims data. Once the conversion is complete the data is sent to Onpoint. MHDO's goal is to complete this conversion in 7 days. Once the data is received by Onpoint, it is merged with other commercial claims and Medicaid data. Onpoint requires 30 days to complete its processing. Once the combined data is received by MHDO, it needs another 30 days to make it available for reporting and to other stakeholders.

Maine Claims Data Flow



- Maine Health Data Organization in 2012
- Statutory mandate to:
 - Maintain financial and clinical health data for use in policy development
 - Adopt rules governing data collection
 - Adopt rules governing public access to data
 - Adopt rules for sanctions for failure to comply
 - Set fee schedules and assessments on health care facilities, payers, including third party administrators,
 - Respond to requests for data in timely fashion

- Produce clearly labeled and easy to understand reports reflecting quality of care and price comparison that are publicly accessible on MHDO website
- 21 member board (5 current vacancies) 5 MHDO subject matter staff, 4 State Office of Information Technology technical staff
- MHDO Databases in addition to APCD
 - Hospital inpatient
 - Hospital outpatient
 - Hospital emergency department
 - Non-hospital ambulatory services (1990 – 2004)
 - Hospital financial
 - Hospital organizational
 - Quality data

- **Future Vision of MHDO**

- Recent board retreats have culminated in plans for:
 - Restructuring to significantly reduce number of board members while retaining stakeholder diversity and balance;
 - Recommitment to maintaining agency's independent status;
 - Refocusing attention on improvements in the current data transformation process using state RPF process;
 - Enhanced communication with partner agencies, stakeholders and end users;
 - Immediate appointment of an interim executive director;
 - Initiation of search for permanent executive director.

- Organizations that impact MHDO's performance
- MHDO Critical Partners
 - **Commercial carriers**—provide timely, accurate claims data submitted to Onpoint pursuant to submission schedule
 - **Onpoint/DPC**—accepts commercial claims data, processes it in a timely manner and retransmits data to MHDO, according to mutual agreement between the two organizations.
 - **Office of Information Technology**—provides expert project management support and systems support for technical projects. OIT staff and MHDO staff work in close collaboration and partnership on all projects.

- **Department of Health and Human Services, Office of MaineCare Services (Medicaid)**

Data Flow summary:

1/2003-8/31/2010 OMS to Muskie to MHDO to Onpoint
9/1/2010 and after—Unisys/Molina/DHHS to Onpoint

Federal CMS (Medicare)

Claims data is purchased by MHDO and is mapped and coded by MHDO/OIT staff before transmitting it to Onpoint for editing. There is typically a two year lag time on Medicare data. Additional resources of MHDO, Onpoint and OIT have been deployed to expedite more current data being made available to end users.

- Factors impacting quality, timeliness, and output of APCD components
- Difficulties encountered in obtaining Medicare claims data and transforming the data into usable format for inclusion in the APCD. It is hoped that once 2008 data already obtained is mapped and coded, the process for 2009/10 Medicare data will be expedited.
- Difficulties understandably encountered by DHHS/MaineCare in terms of quality and accuracy of data has caused delays throughout the balance of the data transformation process. It is hoped that issues causing delays will be resolved shortly.