



# **MA Center for Health Information & Analysis**

## **MA APCD User Workgroup**

May 22, 2018

# Agenda

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- Updates on MA APCD Release 6.0
- Announcement regarding APCD Data Release to Market Participants
- Summarized Data Reports
- User Support Slide Topics:
  - % of MA Population with Public Insurance or No Insurance
  - SIC Code / NAIC Code Data Quality
  - Type of Facility Claim Frequencies
  - Blank Product Enrollment End Dates
- Q&A

# MA APCD Release 6.0

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- Encompasses data from January 2012 – December 2016 with six months of claim runout
- Release Documentation and Data Specifications are now available online  
Available here: <http://www.chiamass.gov/ma-apcd/>
- Apply now by listing 2016 (and any other years you want from Release 6.0) in the “Years Requested” section of the current application form

Available here: <http://www.chiamass.gov/application-documents>

# MA APCD Release 6.0 Highlights

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- 4 carriers added to the Pharmacy versioning:
  - (P1) 301 - Health New England
  - (P2) 12226 - Minuteman Health
  - (P3) 10632 - Anthem
  - (P4) 302 - Health Plans Inc.
- 3 new data submitters:
  - Catamaran
  - Harvard Pilgrim Medicare Advantage
  - United Healthcare – Medicare & Retirement - SCO

# MA APCD Release 6.0 Highlights

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## New and improved Member Enterprise ID (MEID)

- Allows de-identified linkage of members across plans/products/years – has been retooled and improved
- Master Data Management (MDM) approach updated to work with hashed patient information
- Added Nickname processing for first names (Joe, Joseph)
- Added NYSIIS phonetic processing for last names (Smith, Smyth)
- Removed the Pharmacy Benefit Manager data from the MDM process to decrease the duplication of member data by upwards of 40%

# Future Years of Data

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Applicants can now request FUTURE YEARS OF DATA for both MA APCD and Case Mix.

- Initial project requires Data Privacy Committee and Data Release Committee review
- Additional years or release versions of data will be released *upon availability* and the Recipient's completion of a Certificate of Continued Need (Exhibit B of the DUA)
- No additional review required for these additional years of data unless your request changes
- Normal data fees still apply

# Future Years of Data



- In the Data Requested section of the main application form, list the years you would like to request and we will fulfill all years available with the current Release
- To request future years of data (no longer limited to the upcoming 5 years), just click the box for “Subscription”

Exhibit A: CHIA Non-Government All-Payer Claims Data Application

August 2017 v.1.0

1. List years of data requested (only list years available in the [current Release Version](#)): \_\_\_\_\_

2. Please indicate below whether this is a one-time request, or if the described Project will require a subscription.

One-Time Request **OR**  Subscription

# Announcement regarding APCD Data Release to Market Participants

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## **Notice re: APCD Data Release to Market Participants (5/18/18):**

CHIA accepts applications from providers, payers, researchers and other government entities for use of the APCD in public policy research. Although infrequent, CHIA has received several applications from market participants requesting the payment data of their competitors.

CHIA is currently developing a transparency agenda that, as envisioned, would make publicly available without application unprecedented levels of procedure pricing data. While developing this transparency agenda in consultation with providers, payers, researchers, and other government agencies, CHIA has acknowledged an open question around how much pricing information can be released without deleterious effects on the Massachusetts health care market.

CHIA will, therefore, temporarily suspend approval of applications for APCD data from market participants requesting the payment data of their competitors while this question is being considered. CHIA will notify the applicant community once a final determination has been made.



# Announcement regarding APCD Data Release to Market Participants

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## Key Points:

- Only applications from “market participants” requesting “payment data of their competitors” are affected. Market participants can still request APCD data for other purposes.
- Affected applications that are currently pending (and any other affected applications that may be submitted in the meantime) are not being DENIED, they are simply ON-HOLD.
- Once CHIA has determined how to proceed, we will contact affected applicants directly, as well as announcing the determination here and on the CHIA website.

# Summarized Data Reports

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- CHIA has updated our [Data Release Regulations](#) to allow for ***Summarized Data Reports***
- Will contain only aggregate data (data summaries) and De-identified Data, sourced from MA APCD and Case Mix data
  - Examples of Summarized Data Reports include: counts; totals; rates per thousand; index values; and other standardized metrics.
  - Will be subject to CHIA's cell suppression policy (no cell less than 11 will be displayed)
- Request form can be found on the MA APCD Application Documents page: <http://www.chiamass.gov/application-documents>
  - Data Management Plan and Data Use Agreement are not required.

# Summarized Data Reports

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- In determining whether to compile such a report, CHIA will consider the **public interest served**, the **availability of its resources**, the **complexity** of the request, and **privacy concerns** (i.e. that there is no more than a minimal risk to individual privacy in the public release of the report)
- The Executive Director (or his/her designee) will approve or deny such requests. Such approval/denial is final and not subject to further review or appeal.
- A support/production fee of \$140/hour will be charged
  - \*\*We will let you know the expected number of hours required, as well as when we expect to complete the work, prior to proceeding\*\*

# Case Mix FY17 Release Calendar



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## \*CURRENT\* RELEASE TIMEFRAMES FOR EACH FILE:

- Inpatient (HIDD)  
**JUNE**
- Emergency Department (ED)  
**AUGUST**
- Outpatient Observation (OOD)  
**SEPTEMBER**



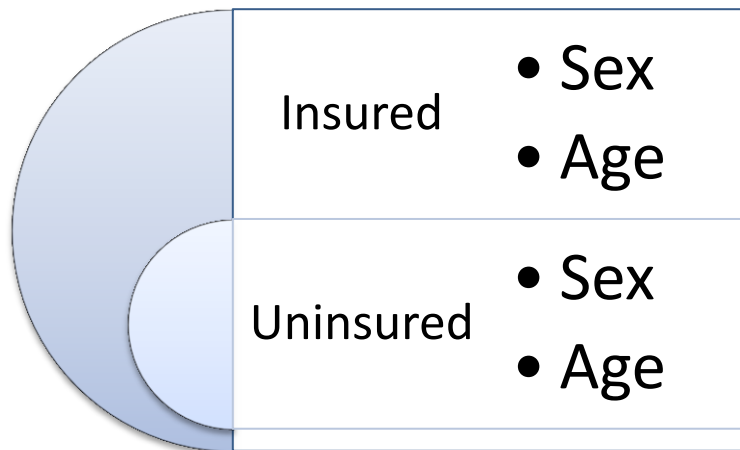
**QUESTIONS?**

**Question:** My MA APCD study is focused on commercial private payer beneficiaries. However, I need an estimate of the excluded Massachusetts population with public insurance and without insurance. Where can I find that information?

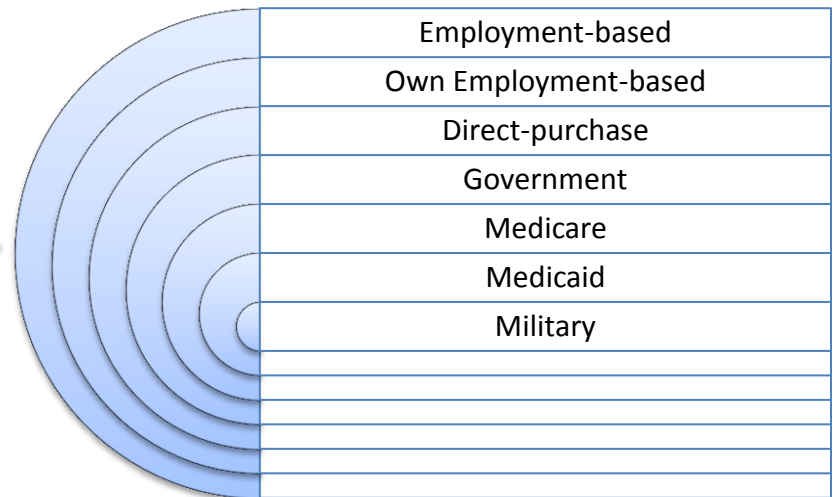


**Answer:** The U.S. Census Bureau collects health insurance data as part of three national surveys: the American Community Survey, Current Population Survey's Annual Social and Economic Supplement, and the Survey of Income and Program Participation. That health Insurance data is available at: <https://www.census.gov/topics/health/health-insurance.html>. The Census Bureau also has interactive tools at: <https://www.census.gov/topics/health/health-insurance/data/data-tools.html> for stratifying the data by State geography at broad demographic and insured/uninsured categories (See Figure 1 below) and further stratifying State demographic data by specific coverage status level (See Figure 2 below).

**Fig 1. Census Health Insurance Status Categories**



**Fig 2. Census Health Insurance Specific Coverage Categories**



**Question:** I'm interested in studying health care utilization across industries in Massachusetts. The APCD documentation has an SIC code corresponding to members' type of work. The data quality of this field is indicated as "C", which I interpret as being less reliable than, say "A". Is there a way of telling how much less reliable this variable is?

**SIC  
CODE**

**Answer:** The Member Eligibility file contains the data field ME077 (Member's NAIC Code) where carriers are instructed to report *"the standard code that describes the industry of the subscriber / member. This can be from either the NAICS 6-digit list or the SIC 4-digit list."* For beneficiaries who are over 21 years old, in APCD Release 6.0, this field is populated on average 31% of the time. For those fields that are populated 98% of the codes are SIC Codes. This field is only released to government researchers.

Fig. 1 Percent Completeness of NAIC Code for those over 21 years old

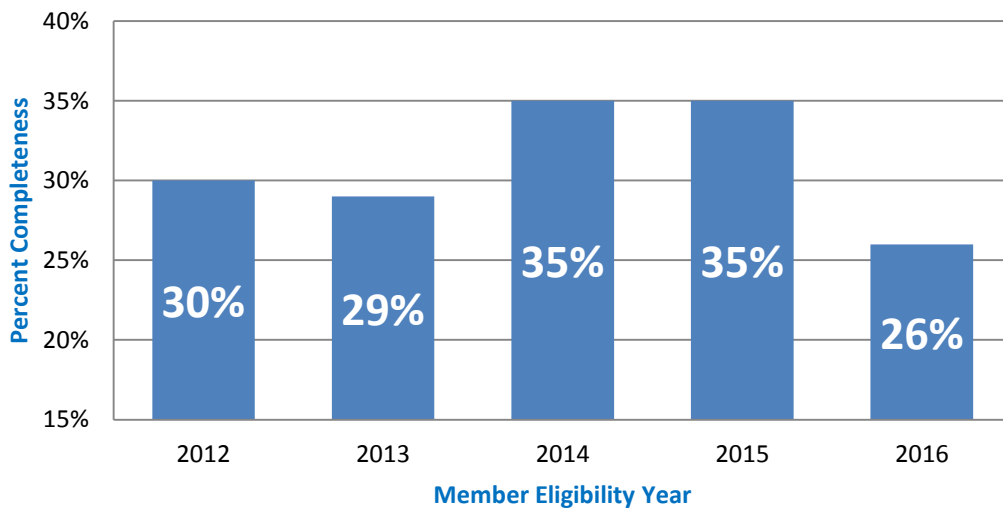
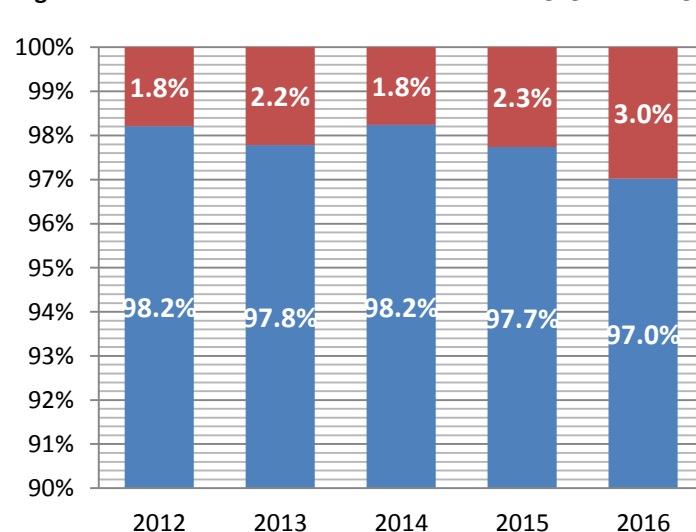


Fig. 2 Percent SIC Codes vs. NAIC codes

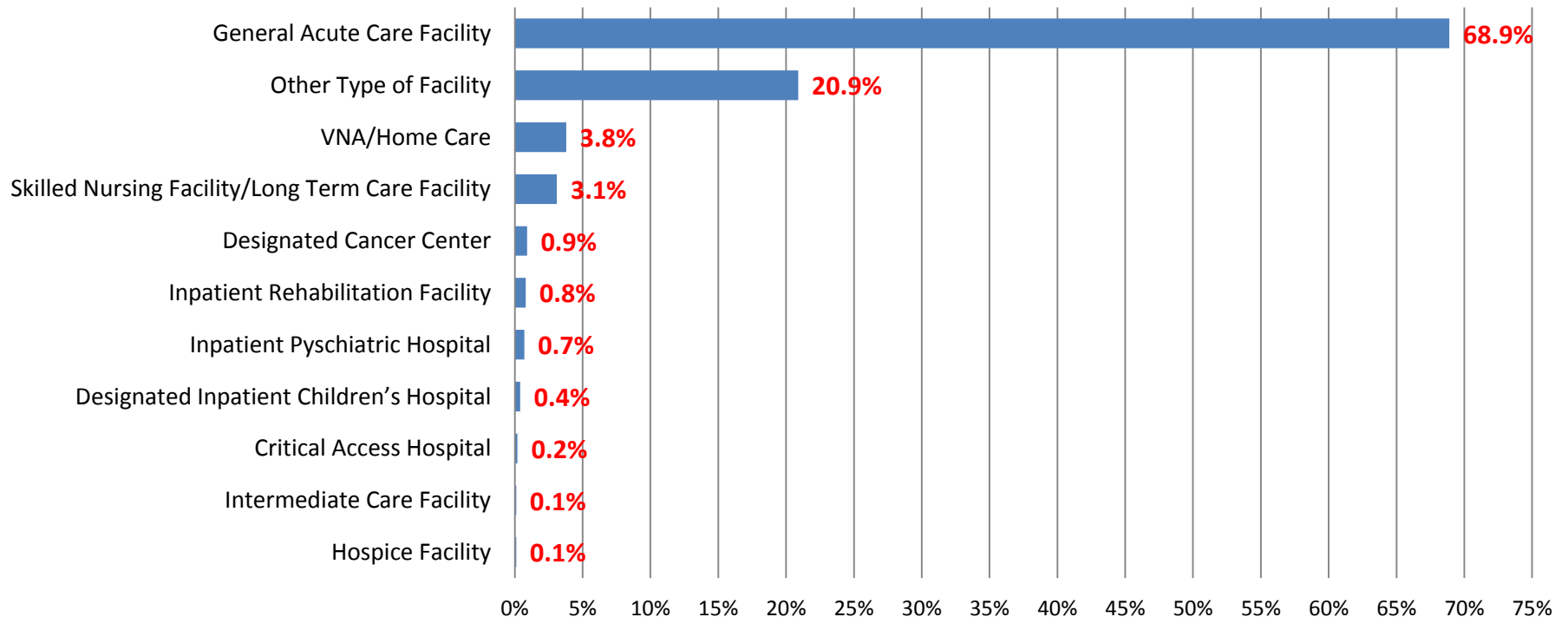


**Question:** I am interested in finding out what is included in facility claims (i.e., MC094 (Type of Claim)= 002) in the Medical Claims file. Specifically, do facility claims include claims from physicians organizations (such as Brigham and Women’s Physicians Organization, MGHs Organization, etc.) in addition to claims from hospitals, nursing facilities, etc.?



**Answer:** In Figure 1 below, you will see that close to 70% of medical claims where MC094 (Type of Claim) = 002 are general acute care hospitals. The close to 21% of “Other Type of Facilities” include pain centers, surgery centers, rehab centers, reference laboratories, dialysis centers, cataract/laser eye centers, and hospitals.

**Fig. 1 Frequency of Types of Facilities where MC094 = 002**





# Question: Why are so many of the Product Enrollment End Dates blank?



Answer: In the Member Eligibility file, for **ME042 (Product Enrollment End Date)**, the filing specifications instruct carriers that “if the member was not disenrolled at the end of the current month, then do not fill with any value”.

# Where can I find old User Workgroup presentations?



<http://www.chiamass.gov/ma-apcd-and-case-mix-user-workgroup-information/>

[CHIA Data](#) » [MA APCD](#) » [MA APCD and Case Mix User Workgroup Information](#)

## MA APCD and Case Mix User Workgroup Information

These webinar workgroups bring together users of CHIA's APCD and Case Mix data with CHIA's in-house experts to discuss analytical techniques, issues with the data, and quality of the data. CHIA also uses these webinars to make announcements regarding new data releases, enhancements, and features. Each meeting features a segment where CHIA staff answer common questions from data users and field live questions from webinar participants.

Please register for one or both of these separate registration links. All meetings take place on Tuesday afternoons at 3:00 p.m.

Case Mix Workgroup Meeting Dates
<b>NEXT MEETING</b> Tuesday, March 28, 2017 3:00 PM - 4:00 p.m.
<a href="#">Case Mix Workgroup Registration</a>

MA APCD Workgroup Meeting Dates
<b>NEXT MEETING</b> Tuesday, April 25, 2017 3:00 PM - 4:00 p.m.
<a href="#">MA APCD Workgroup Registration</a>

### Previous MA APCD / Case Mix Meeting Materials

MA APCD Tuesday, February 28, 2017

- [Presentation \(PDF\) | PPT](#)

Case Mix Tuesday, January 24, 2017

- [Presentation \(PDF\) | PPT](#)

# Questions?

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- Questions related to MA APCD:  
([apcd.data@state.ma.us](mailto:apcd.data@state.ma.us))
- Questions related to Case Mix:  
([casemix.data@state.ma.us](mailto:casemix.data@state.ma.us))

REMINDER: Please include your **IRBNet ID#**, if you currently have a project using CHIA data

# Call for Topics and Presenters

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If there is a **TOPIC** that you would like to see discussed at an MA APCD or Case Mix workgroup in 2018, contact Adam Tapply [[adam.tapply@state.ma.us](mailto:adam.tapply@state.ma.us)]

If you are interested in **PRESENTING** at an MA APCD or Case Mix workgroup in 2018, contact Adam Tapply [[adam.tapply@state.ma.us](mailto:adam.tapply@state.ma.us)]

You can present remotely from your own office, or in-person at CHIA.