



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

## **MA APCD User Workgroup**

July 24, 2018

# Agenda

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- Announcements / Updates
- More Info on Summarized Data Reports
- Introduction to CompareCare
- 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>

# Case Mix FY17 Release Calendar



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

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

# 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.
- On a case by case basis, certain projects from market participants may be allowed to proceed with payment data stripped from their extract.
- 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



- 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\*\*



# What goes into creating a report?

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Summarized Data Reports take, on average, 10 hours of CHIA resource time to complete.

Steps include:

- 1) Initial review to determine feasibility and spot potential issues
- 2) Additional review and revisions with applicant to determine final specifications
- 3) Final review and Approval to proceed with the report request
- 4) Create documentation, including code, on steps to complete request
- 5) Independent code review and QA of results
- 6) Create documentation for the recipient
- 7) Produce final cut of data / report results

# Introduction to:



# CompareCare

A TRUSTED SERVICE OF THE COMMONWEALTH OF MASSACHUSETTS

<https://masscomparecare.gov/>

# About CompareCare

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CompareCare's mission is to provide Massachusetts health care consumers the guidance and tools they need to become active partners in navigating their health care decisions. We believe that being choosy about your care will lead to better outcomes.

CompareCare's new tools can help Massachusetts health care consumers like you:

- **Compare costs** of medical procedures in different health care facilities and different cities.
- **Compare the quality** of different hospitals and health care facilities near you.
- **Make informed decisions** about your health insurance and health care.
- **Solve problems** you are facing with your health care.

# CompareCare Data Available



CompareCare's underlying data was made available on 7/20/18.

- Available as a single, public dataset
- More information is available here: <http://www.chiamass.gov/transparency-initiatives/>
- Data can be requested here: <http://www.chiamass.gov/procedure-price-data/>

## **New!** Bulk Release of Procedure Price Data

After careful consideration and many discussions with interested stakeholders, CHIA has concluded that releasing all of the data behind CompareCare's procedure pricing tool as a single, public dataset furthers CHIA's mandate to promote transparency in the Massachusetts healthcare system. This release occurred on July 20, 2018 and access to that data can be found [here](#).

While CompareCare was developed as a transparency website primarily for individual consumers, CHIA believes procedure price information has value for all participants in the healthcare system, including patients, policymakers, insurers, providers, employers, and researchers, and also the consultants and digital health companies that use data to serve these stakeholders.

CHIA intends to show payer-specific prices in future data releases. This proposed approach recognizes there is value in proceeding deliberately to let stakeholders use the data and provide feedback before initiating the wholesale release of payer-specific prices.

Also, in the coming months, a Health Care Price Transparency Data Challenge will be launched in order to encourage and highlight innovative uses of this new price data. More details regarding the release can be found in CHIA's [Strategy for Releasing Procedure Pricing Data](#).

CHIA's fundamental objective in releasing this data is to make more information available to all healthcare stakeholders to support a broader, more informed public dialogue around health care costs and transparency.

CHIA also believes these initiatives will need iterative improvements for a period of time before they reach full maturity. The agency is committed to working with all health care stakeholders to understand the value of this data, how it can be improved, and how CHIA should pursue its statutory mandate to increase the transparency of the Massachusetts health care system.



**QUESTIONS?**

**Question:** I am applying for the APCD to analyze trauma care coordination and understand that medical claims have a lower completeness of external cause coding. Since the transition from ICD-9-CM to ICD-10-CM, has the cause coding for patients with a principal diagnosis of traumatic injury improved in the MA APCD?



**Answer:** Yes. Calendar year **2014** ICD-9-CM medical claims for patients with a principal diagnosis of traumatic injury where type of claim = 002 (facility), entity type = 2 (non-person entity), and type of bill on facility claims = 11 (Inpatient), **27% of medical claim lines have a cause code** (i.e. 22% in the E-code field and 5% in the associated diagnosis fields). However, in calendar year **2016** ICD-10-CM medical claims for patients with the same criteria, **43% of medical claims have a cause code** (i.e. 40% in the E-code field and 3% in the associated diagnosis fields).

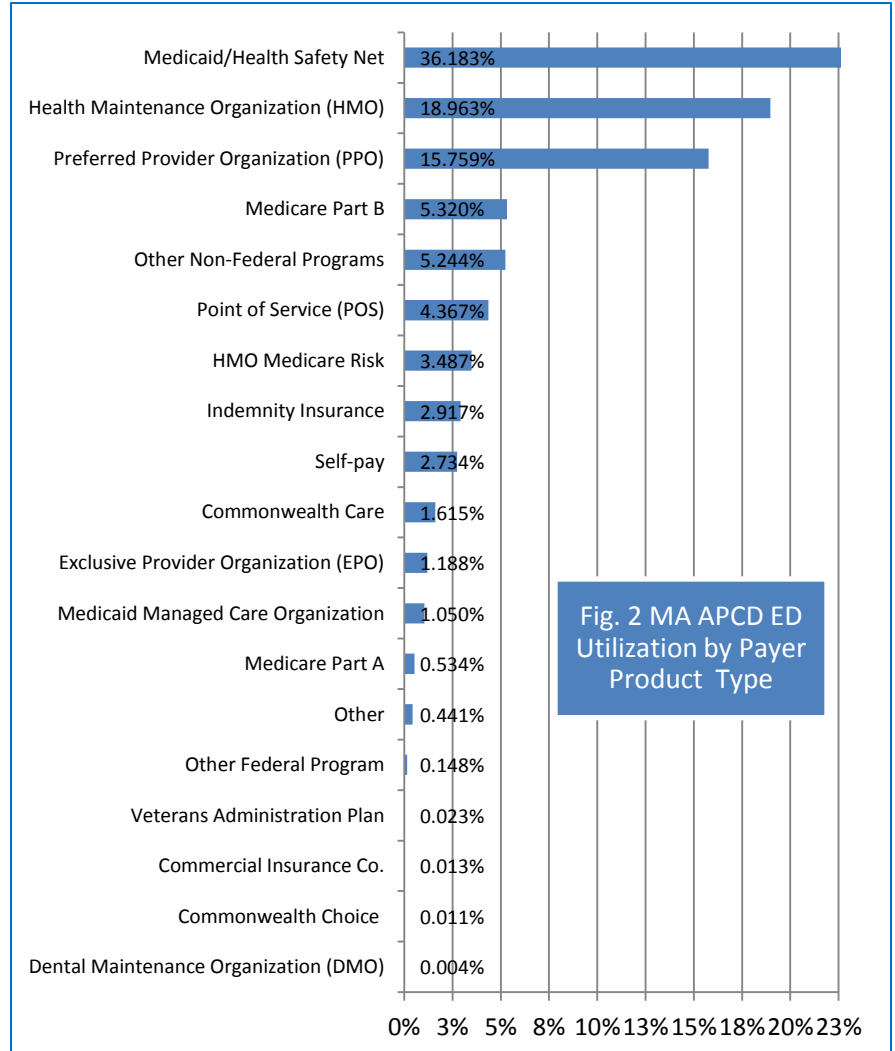
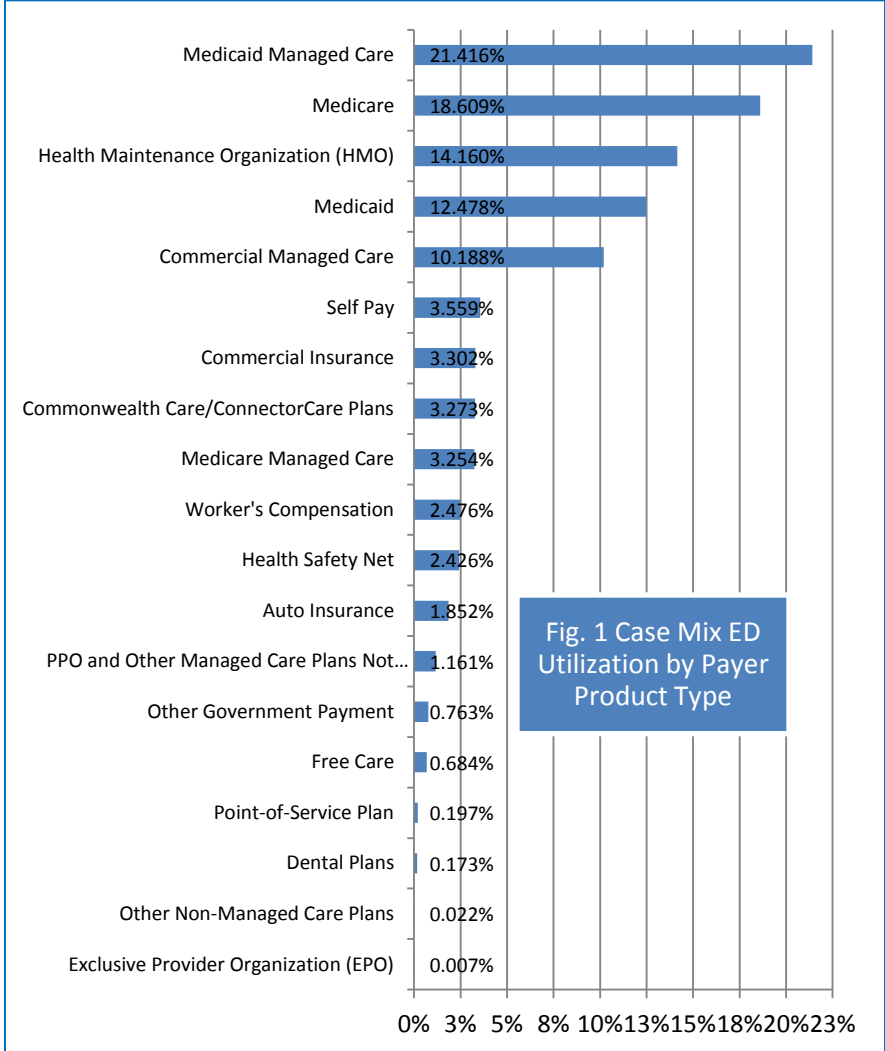
In addition to the 2016 cause data being **more complete**, while falls remain the top ranking cause in both 2014 and 2016, the 2016 ICD-10-CM cause codes for falls reveal that the top ranking falls are falls from the same level and that the episode of care is the patient's initial encounter.



# Question: I am currently using the MA APCD to study outpatient Emergency Department (ED) utilization and am considering applying for Case Mix data. What is the difference in insurance payer product types used by those in Case Mix ED data compared to those in MA APCD ED data?



**Answer:** A comparison of MA APCD Release 6.0 insurance product types by distinct members who used the ED to Case Mix ED distinct patients shows that Case Mix has a higher proportion of **Medicare** and **Worker's Compensation** beneficiaries. Fig 1 (Case Mix) and Fig 2 (APCD) below show the distribution of distinct patients for years 2011 through 2016 by insurance products types in both repositories.



# As a Reminder: Case Mix Contains Some Payers NOT Available in the APCD



**Case Mix includes hospital records *regardless* of payer.**

## **APCD does not include:**

- Workers' Compensation
- Free Care
- TRICARE and the Veterans Health Administration
- Federal Employees Health Benefit Plan
- Private insurers with under 1,000 lives

**APCD Medicare data is only released to, upon request, to Government researchers.**

**APCD MassHealth data is only released after approval by MassHealth.**



# **Question: I am confused about the difference between some of the currency fields in the MA APCD. Where can I find information explaining health insurance currency data?**



**Answer:** The MA APCD has over 20 currency fields. There are a variety of public payer, private payer, and professional organizations with online glossaries, health data boot camp publications, and white papers explaining health insurance claims currency data and providing examples of how currency data fields are used. Below are a few of the public payer sites:

## **U.S. Health and Human Services**

<https://www.healthcare.gov/glossary/>

## **Centers for Medicare & Medicaid**

<https://www.cms.gov/CCIIO/Resources/Files/Downloads/uniform-glossary-final.pdf>

<https://www.medicare.gov/part-d/costs/copayment-coinsurance/drug-plan-copayments.html>

<https://marketplace.cms.gov/technical-assistance-resources/summary-of-benefits-fast-facts.pdf>

## **MassHealth**

<https://www.mass.gov/service-details/masshealth-copayments-frequently-asked-questions>

[https://www.mass.gov/files/documents/2018/03/01/aca-1-english-mb-lp\\_03-18\\_1.pdf](https://www.mass.gov/files/documents/2018/03/01/aca-1-english-mb-lp_03-18_1.pdf)

[https://www.sec.state.ma.us/reg\\_pub/pdf/100/130506.pdf](https://www.sec.state.ma.us/reg_pub/pdf/100/130506.pdf)

# 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.