



# Monthly MA APCD / Case Mix User Workgroup Webinar

July 28, 2015

# Agenda

---



- I. Announcements
- II. Common Application Issues
- III. CHIA Enrollment Trends Presentation
- IV. User Questions
- V. Q&A

# Announcement

## 2014 Case Mix Availability

---



- Inpatient data is available now
- Emergency Department data is scheduled for August
- Outpatient data is scheduled for September
- You may apply for ALL files now and CHIA will fulfill requests for the unavailable files as they become available.

# Announcement

## New Fee Waiver Provision

---



- As of June 1, 2015:
- Payers, providers, and provider organizations that are required to file data with the Center pursuant to MGL c. 12C and are current with all such data filings and reporting requirements may qualify for a Full or Partial Waiver

# Announcement

## New Fee Waiver Provision



Revised the [Application Fee Remittance Form](#) for APCD and Case Mix.

Request fee waivers on Page 2 of this form. The new provision is listed under Question #6.

Updated fee schedules:  
[APCD Fee Schedule](#)  
[Case Mix Fee Schedule](#)

I, the undersigned, seeks to receive APCD data from the Center for Health Information & Analysis (CHIA), and hereby seeks full or partial waiver of any fees otherwise due to CHIA in payment for data requested under the provisions of Massachusetts General Laws chapter 12C and 957 CFR 5.08 (and as outlined in CHIA Administrative Bulletins 13-11 and 15-02.) In support of its request for this waiver, the applicant certifies as follows:

1. Is the applicant seeking CHIA data engaged in Student Directed Research?  
 Yes  No  
If "yes", please provide documentation to support your response (for example, a signed letter on institutional letterhead from the supervising faculty member confirming that the data request is consistent with the Student Directed Research project).
2. Are you a "Payer" (namely, an entity that submits health care claims data to CHIA pursuant to M.G.L. c. 12C, § 10) that is requesting the payer's own submitted data from CHIA?  
 Yes  No
3. Are you a "Provider" (namely, a health care provider that submits data to CHIA pursuant to M.G.L. c. 12C, §8 and/or §9) that is requesting the payer's own submitted data from CHIA?  
 Yes  No
4. Are you a researcher and does your application clearly and explicitly seeks data directly tied to evaluation or improvement of current State government initiatives?  
 Yes  No
5. Are you a researcher and can you demonstrate that the imposition of CHIA fees, in whole or in part, would constitute an undue financial hardship?  
 Yes  No  
If "yes", please attach a statement and any relevant supporting documentation that you believe demonstrates undue financial hardship.
6. Are you applying as a Payer, Provider or Provider Organization as defined under M.G.L. Chapter 12C, AND on the date of this request are all of your organization's CHIA filings complete as required by M.G.L. Chapter 12C, §§ 8-10, AND are on the date of this request are all of your organization's CHIA fees/assessments paid in full?  
 Yes  No

In making this fee waiver request to CHIA, on my own behalf and on behalf of the organization/entity applying for release of CHIA data, I hereby certify that all statements made on this request form (and the contents of all attachments and supporting documents submitted in support of this request) are true and accurate to the best of my knowledge, information and belief.

---

Signature \_\_\_\_\_ Date \_\_\_\_\_ Printed Name \_\_\_\_\_ Organization/Entity Name \_\_\_\_\_

# Reminder

## MA APCD Application Processing

---



CHIA will only be accepting applications for MA APCD from Massachusetts payers and providers that submit APCD and Case Mix data, as well as Massachusetts-based students and researchers.

- Applications from all others will not be accepted until November 1, 2015
- Applications submitted prior to May 13, 2015 will be processed
- Case Mix is not impacted



# Common Application Issues and Questions

# APCD Amendments

---



- An amendment request for additional MA APCD data elements must contain the following documents:
  - 1) Amendment Request Form (which you can request from Adam Tapply)
  - 2) Specification Workbook showing which elements you need and your justifications for each element

REMINDER: The specification workbook you submit must be from the same release of the data that you received

(if you received Release 2.1, you must submit a 2.1 worksheet)



# MEIDs for Subsequent Data Requests

---



- If you currently have data and are applying for a new year of data, you should request refreshes of all previous years of data that you received
  - New MEIDs are generated for each release  
(example: if you get Release 3.0 with MEIDs for 2010-2013, those MEIDs will not match the MEIDs in Release 4.0 for the same years)
  - Some data may also be more complete
  - No additional cost

# Application Fees

---



***Application Fee Remittance Form*** for non-government MA APCD and Case Mix requests: <http://chiamass.gov/assets/Uploads/apcd-3-0/application-materials/Non-Government-APCD/1.-Fee-Remittance-or-Fee-Waiver-Request-Form.pdf>

- Reminders:
  1. Submit this form with your check
  2. Check the appropriate box if you are requesting a fee waiver
  3. Note CHIA's address has changed to 501 Boylston
  4. Online payment is not currently an option

# Application Revisions

---



- Please remember to “lock” your application on IRBNet after you’ve finished making revisions to your application
- Locking the application will send an automatic notification to CHIA staff letting them know that your revisions are complete and uploaded

# Hard Drives

---



- Please remember to return your hard drive to CHIA after you've loaded your data
- CHIA has a limited number of hard drives, so help us ensure we have a steady supply ready to deliver data to the MA APCD user community



# CHIA Enrollment Trends

Sourced from the MA APCD  
Member Eligibility File

Presented by:

Ashley Storms, *Business Lead*

Cathy Ho, *Technical Lead*

# Agenda

---

- I. Enrollment Trends Overview
- II. Data Specifications
- III. Methodology
- IV. Data Groupings
- V. Challenges
  - i. Methodology Development
  - ii. APCD Data
- VI. Questions

# Enrollment Trends Overview



- Recent transition to MA APCD-based enrollment reporting
- Analysis based on most recent available Member Eligibility (ME) submission file
- Quarterly enrollment for five time points (March 2014 – March 2015)
  - Commercial enrollment broken out by:
    - Market sector (employer group size)
    - Funding type (fully- or self-insured)
    - Product type (e.g. HMO, PPO, Indemnity)
  - Public managed care enrollment broken out by program
    - Commonwealth Care, Medical Security Program (MSP), MassHealth Managed Care Organization (MCO), OneCare, Senior Care Options, Medicare Advantage

# Enrollment Trends Overview

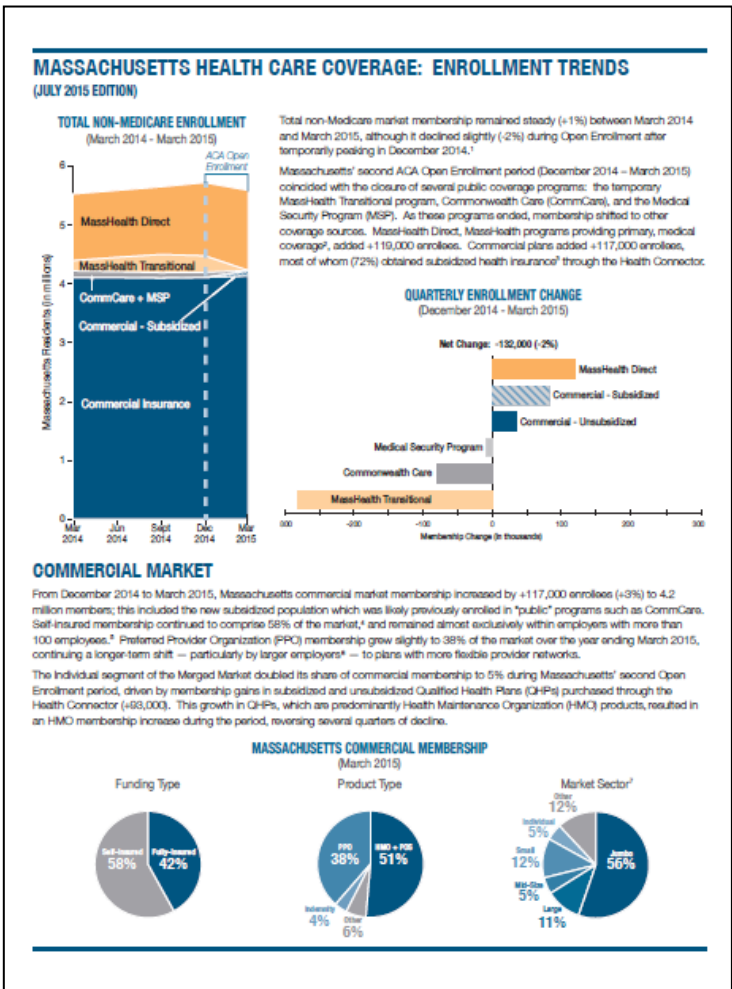


| Payer/Program                        | Data Source                                              |
|--------------------------------------|----------------------------------------------------------|
| <b>Commercial Payers</b>             |                                                          |
| Aetna                                | Supplemental Report                                      |
| Anthem                               | MA APCD                                                  |
| Blue Cross Blue Shield of MA         | MA APCD + Supplemental Report                            |
| Boston Medical Center HealthNet      | MA APCD                                                  |
| CeltiCare Health Plan of MA          | MA APCD + Supplemental Report (MMCO only)                |
| CIGNA                                | MA APCD                                                  |
| ConnectiCare                         | Supplemental Report                                      |
| Fallon Health                        | MA APCD (Public Managed Care Only) + Supplemental Report |
| Harvard Pilgrim Health Care          | MA APCD                                                  |
| Health Plans Inc.                    | Supplemental Report                                      |
| Health New England                   | MA APCD                                                  |
| Minuteman Health                     | MA APCD                                                  |
| Neighborhood Health Plan             | MA APCD                                                  |
| Tufts Health Plan                    | MA APCD                                                  |
| Tufts Health Plan -Network Health    | MA APCD                                                  |
| United Healthcare                    | MA APCD + Supplemental Report                            |
| <b>Massachusetts Public Programs</b> |                                                          |
| MassHealth                           | MassHealth                                               |
| Commonwealth Care                    | MA APCD                                                  |
| Medical Security Program             | MA APCD                                                  |
| <b>Medicare</b>                      |                                                          |
| Medicare Parts A and/or B            | CMS                                                      |
| Medicare Advantage                   | CMS                                                      |

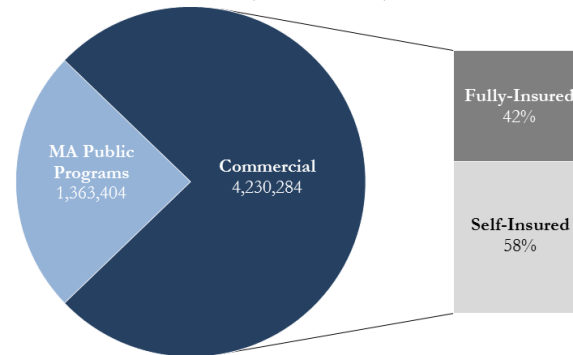
Massachusetts Health Care  
Coverage: Enrollment Trends  
Technical Notes  
<http://www.chiamass.gov/assets/Enrollment-Trends-Technical-Notes.pdf>



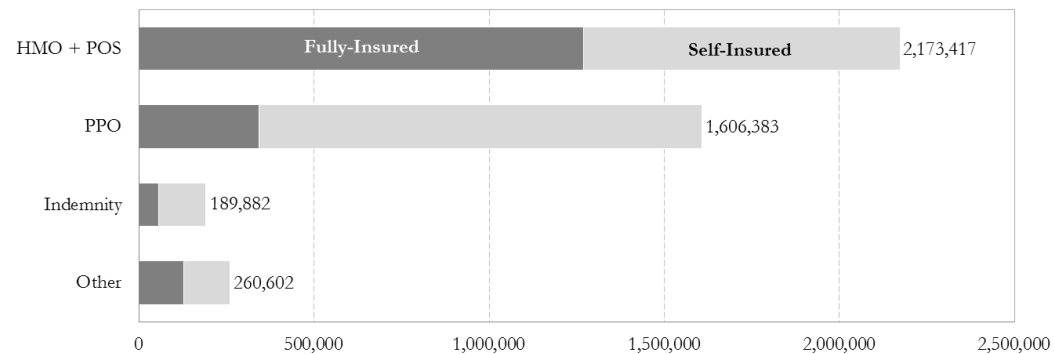
# Enrollment Trends Overview



Massachusetts Enrollment by Commercial Funding Type (March 2015)



Commercial Product Type by Funding Type (March 2015)



# Data Specifications

---



Population of Interest: Massachusetts residents with primary, medical coverage provided by the top 16 commercial payers, MassHealth, and Medicare

- MA APCD data used within this report was filed by commercial payers
- Sourced from MA APCD: Enrollment in commercial insurance, Commonwealth Care, Medical Security Program (MSP), MassHealth Managed Care Organizations (MCOs)

Snapshot Date: Membership as of the last day of each quarter (e.g. 12/31/14)

# Methodology



A member is considered enrolled if the last day of the quarter (Snapshot Date) is within the Product Enrollment Start Date (ME041) and Product Enrollment End Date (ME042) of the eligibility record (i.e.,  $ME041 \leq \text{Snapshot Date} \leq ME042$ ). A member record with NULL values for either ME041 or ME042 is considered actively enrolled.

Members are distinguished using the Hash Carrier Specific Unique Member ID (ME107) by Org ID (ME001). A unique member record is selected according to the following criteria, in order of significance:

- Subset records by the following:
  - Massachusetts resident (ME016 = MA)
  - Medical coverage (ME018 = 1)
  - Primary insurance<sup>1</sup> (ME028 = 1)
- Where more than one record exists for a member, de-duplicate records in the following order:
  1. Funding type<sup>2</sup> (ME029)
    - a. ME029 = (ASO, ASW) for Self-Insured
    - b. ME029 = (UND) for Fully-Insured
    - c. ME029 = (STN, OTH) for Other
  2. Last activity date (ME056)
  3. Member Eligibility ID (Derived-ME05)

<sup>1</sup> Include ME028=(3, 4) if the payer stores primary insurance as such in its system.

<sup>2</sup> This selection hierarchy is to ensure that self-insured plans are given preference over fully-insured plans for members with concurrent enrollment in both self-insured and fully-insured coverage.

# Data Groupings

## COMMERCIAL MARKET

### Market Sector

|                         |                                  |
|-------------------------|----------------------------------|
| Individual              | ME030 = "IND" or "ISCO" or "GCV" |
| Small Group (1-25)      | ME030 = "GS1" or "GS2" or "GS3"  |
| Small Group (26-50)     | ME030 = "GS4"                    |
| Mid-Size Group (51-100) | ME030 = "GLG1"                   |
| Large Group (101-500)   | ME030 = "GLG2" or "GLG3"         |
| Jumbo-Size Group (501+) | ME030 = "GLG4"                   |
| Qualified Association   | ME030 = "GSA"                    |
| Other                   | ME030 = "OTH" or "FCH"           |

### Funding Type

|               |                        |
|---------------|------------------------|
| Fully-Insured | ME029 = "UND"          |
| Self-Insured  | ME029 = "ASO" or "ASW" |
| Other         | ME029 = "STN" or "OTH" |

### Product Type

|                     |                                                                        |
|---------------------|------------------------------------------------------------------------|
| HMO                 | ME003 = "HM"                                                           |
| PPO                 | ME003 = "12"                                                           |
| POS                 | ME003 = "13"                                                           |
| Indemnity           | ME003 = "15"                                                           |
| EPO                 | ME003 = "14"                                                           |
| Commonwealth Choice | ME003 = "CE"                                                           |
| Other               | ME003 = All else not listed above or<br>in Public Market Product Types |

## PUBLIC MARKET

### Product Type

|                      |                              |
|----------------------|------------------------------|
| Commonwealth Care    | ME003 = "CC"                 |
| Medicare (Advantage) | ME003 = "16" or "20" or "HN" |
| Medicaid             | ME003 = "MC" or "MO"         |
| Senior Care Options  | ME003 = "SC"                 |

### APCD Code (ME003)

### Legend

ME003 Insurance Type Code/Product  
ME029 Coverage Type  
ME030 Market Category Code

# Challenges

---



- **Development of methodology**
  - MA APCD data element selection
  - Subset and de-duplication criteria
  - Understanding individual payer submissions
    - Massachusetts resident (ME016 = MA)
    - Medical coverage (ME018 = 1)
    - Primary insurance (ME028 = 1)
- **Manual payer-specific modifications / accommodations**
  - Funding Type classifications
  - Product Type codes

# Challenges

---



- Reporting market sector (ME030) changes over time
  - Employer group size changes may not be reflected in 24-month rollback
- Membership groups which may not be reported to MA APCD
  - Host membership
  - Some self-insured membership
  - Some public managed care membership

# Questions?

---



Ashley Storms

Health System Policy Analyst  
CHIA Health System Performance  
Analytic Team

[Ashley.Storms@state.ma.us](mailto:Ashley.Storms@state.ma.us)

Cathy Ho

Senior Health Informatics Analyst  
CHIA Health System Performance  
Analytic Team

[Cathy.Ho@state.ma.us](mailto:Cathy.Ho@state.ma.us)

Massachusetts Health Care Coverage: Enrollment Trends  
<http://www.chiamass.gov/enrollment-in-health-insurance/>



# User Questions



## Question: When analyzing inpatient acute care hospital admissions, the APCD inpatient admission fields do not appear to be well populated. What should I do?

Answer: Filtering by **MC036** Type of Bill on Facility Claims = '11' for Inpatient Facility, and **MC094** Type of Claim = '002' for Facility and **MC027** Entity Type = '2' for non-person entity improves the accuracy in identifying an inpatient admissions.

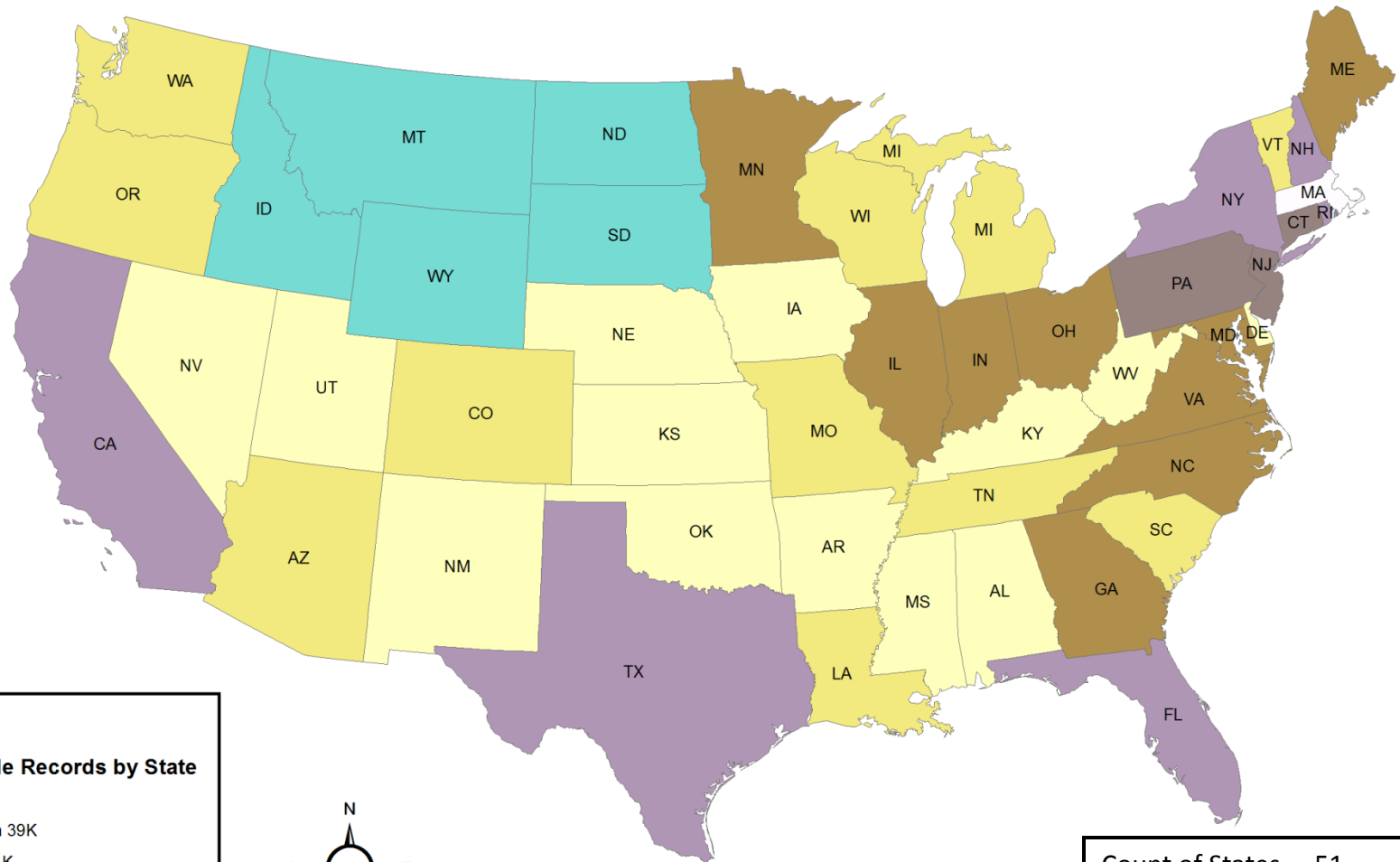
### Completeness of Inpatient Acute Care Hospital Admission Related Fields after applying MC036, MC094, and MC027 Filters

| Code  | Description      | Completeness |
|-------|------------------|--------------|
| MC018 | Admission Date   | 100%         |
| MC018 | Admission Year   | 100%         |
| MC018 | Admission Month  | 100%         |
| MC023 | Discharge Status | 99.3%        |
| MC020 | Admission Type   | 98.5%        |
| MC022 | Discharge Hour   | 93.3%        |
| MC021 | Admission Source | 91.7%        |
| MC019 | Admission Hour   | 79.7%        |

*Also when linking to the provider file by MC076 Billing Provider, the provider attributes can be filtered by PV013 – Entity Code = '12' for acute hospital and PV034 Provider ID Code = '2' for Facility)*

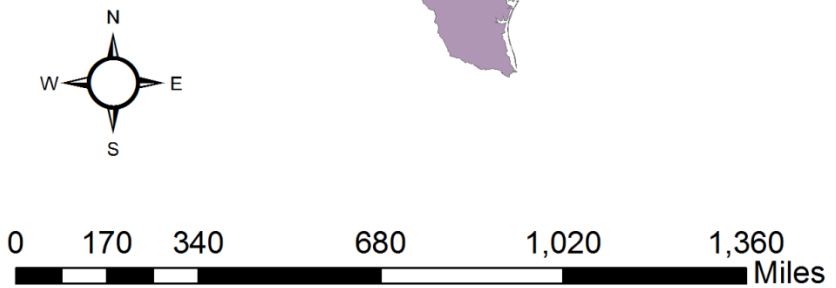
# United States Geographic Distribution of Release 3.0 Eligibility Record Volume

*Filter by State if your Project Focuses only on those who Reside in Massachusetts*  
*(9.8% of Eligibility Records (24 million) are Outside of Massachusetts)*



**Legend**  
**Eligibility File Records by State Members**

- Less than 39K
- 39K - 171K
- 171K - 396K
- 396K - 723K
- 723K - 1.16M
- 1,16M - 2.79M
- Massachusetts 227M records



Count of States = 51  
**Number of Records**  
Minimum = 13,479 (AK)  
Maximum = 227,867,403 (MA)  
**Total Eligibility Records in Release 3.0 = 252,462,501**

# Questions?

---



- General questions about the APCD:  
([CHIA-APCD@state.ma.us](mailto:CHIA-APCD@state.ma.us))
- Questions related to APCD applications:  
([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

# Calendar

---



- August 25 – Next MA APCD / Case Mix User Workgroup
- August 27 – Data Release Committee Meeting