



MA Center for Health Information & Analysis

Case Mix User Workgroup

March 28, 2017

Agenda



- Announcements
 - Update on the status of Case Mix FY15/FY16
- Recap of Case Mix changes for 2017
- User Questions
- Q&A

Case Mix FY15 Release Update



CURRENT RELEASE TIMEFRAMES FOR EACH FILE:

- Inpatient (HIDD)
COMPLETE
- Emergency Department (ED)
COMPLETE
- Outpatient Observation (OOD)
FULFILLMENT IN PROCESS

Case Mix FY16 Release Calendar



CURRENT RELEASE TIMEFRAMES FOR EACH FILE:

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

Case Mix Application Process



Recap of Changes for 2017:

- Now charge **per year** of data requested
- Small changes to fee waiver provisions/definitions
[per [Admin Bulletin 16-14](#)]
- Can now request **future years of data**
- Can request to use data for one project for a **subsequent project**
- Comprehensive DUAs for each organization (will cover all projects instead of multiple DUAs for each specific project)
- Revised forms to account for all the changes above

Revised Data Release Process



Applicants can now request FUTURE YEARS OF DATA

- Initial project requires Data Privacy Committee and Data Release Committee review
- Additional years (up to 5 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 revised DUA)
- No additional review required for these additional years of data
- Normal data fees still apply

Revised Data Release Process



Applicants will now be able to request authorization to use the data they have received for one project for SUBSEQUENT PROJECTS

- Must complete new application for subsequent project – will require Data Privacy Committee and Data Release Committee review
- If approved, will not require a new extract – can begin using data already in possession immediately (upon execution/amendment of DUA)
- Normal data fees still apply

Revised Non-Gov't Application Forms



Posted here: <http://www.chiamass.gov/case-mix-application-documents/>



[CHIA Data](#) » [Case Mix Data](#) » [Case Mix Application Documents](#)

Case Mix Application Documents

Case Mix Fee Schedule Update

- [Administrative Bulletin 16-14 - Update to Hospital Case Mix and Charge Data Fee Schedule \(PDF\)](#) | [Word](#)
(Effective February 1, 2017)

Application Materials for Government Entities Requesting Case Mix Data:

- [Case Mix Application Form - Government Entities \(PDF\)](#) | [Word](#)
- [Governmental Entity Data Use Agreement \(PDF\)](#) | [Word](#)

Application Materials for Non-Government Entities Requesting Case Mix Data:

- [Fee Remittance or Fee Waiver Request Form \(PDF\)](#) | [Word](#)
- [Case Mix Request Form: Non-Government \(PDF\)](#) | [Word](#)
- [Non-Governmental Application for Re-Use Case Mix Data \(PDF\)](#) | [Word](#)
- [Data Management Plan with Minimum Security Requirements \(PDF\)](#) | [Word](#)
- [Data Use Agreement \(PDF\)](#) | [Word](#)

NEW! [Summary of Changes to Data Release 2017 \(PDF\)](#) | [Word](#)

Note: APCD application documents are located [here](#).

Revised Non-Gov't Application Forms



- **Revised** Data Use Agreement:
<http://www.chiamass.gov/assets/Uploads/data-apps/Non-Government-Data-Use-Agreement.pdf>
- **Revised** Case Mix Request Form:
<http://www.chiamass.gov/assets/Uploads/data-apps/Non-Government-Case-Mix-Application.docx>
- **NEW** Application for Re-Use of Case Mix Data:
<http://www.chiamass.gov/assets/Uploads/data-apps/Non-Government-Re-Use-Case-Mix-Application.docx>



QUESTIONS?

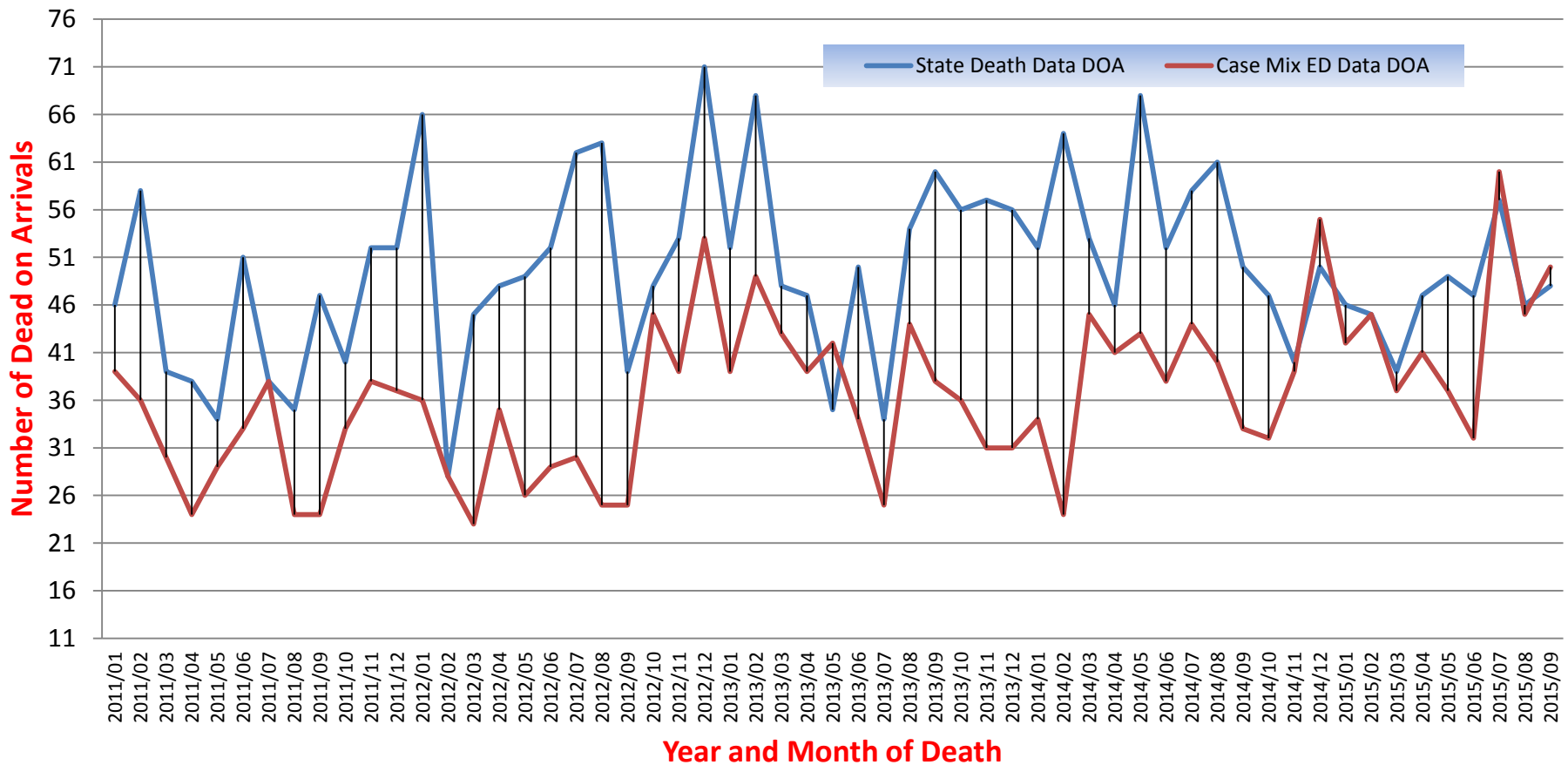


QUESTIONS SUBMITTED BY USERS

Question: Does the Outpatient Emergency Department Data include all Dead on Arrivals (DOAs)?

Answer: The DOAs in Case Mix ED data only represent the DOAs from 72 Massachusetts Acute Care Hospitals and may not include determinations updated from autopsy information and does not include DOAs from care provided in surrounding states. For example, a Massachusetts resident fatally injured a Motor Vehicle Crash in Rhode Island could be DOA at Rhode Island Hospital. That death would could as a DOA in our State's Death Data but would not appear in our case mix data.

Jan 2011 to Sept 2015 Comparison of DOAs in State Death Data and Case Mix ED Data for Massachusetts Residents



Question: How do I identify newborns? There appears to be some redundancy in the source of admission codes.

Table 1. Source of Admission Codes

SRCADM CODE	* Source of Admission Definition	SRCADM CODE	FOR NEWBORN:
0	Information Not Available	0	Information not Available
1	Direct Physician Referral	1	Normal Delivery
2	Within Hospital Clinic Referral	2	Premature Delivery
3	Direct Health Plan Referral/HMO Referral	3	Sick Baby
4	Transfer from an Acute Hospital	4	Extramural Birth
5	Transfer from a Skilled Nursing Facility		
6	Transfer from Intermediate Care Facility		
7	Outside Hospital Emergency Room Transfer		
8	Court/Law Enforcement		
9	Other (to include level 4 Nursing Facility)		
F	Transfer from a Hospice Facility		
L	Outside Hospital Clinic Referral		
M	Walk-In/Self Referral		
R	Within Hospital Emergency Room Transfer		
T	Transfer from Another Institution's Ambulatory Surgery		
W	Extramural Birth		
X	Observation		
Y	Within Hospital Ambulatory Surgery Transfer		

Answer: The source of admission codes (see Table 1) can be used in combination with the Type of Admission Code (see Table 2) to identify newborns. In addition, newborns have the birthweight field and encrypted Mother's SSN populated.

Table 2. Type of Admission

TYPADM CODE	Type of Admission Definition
1	Emergency
2	Urgent
3	Elective
4	Newborn
5	Information Unavailable

Question: I would like to study Percutaneous coronary intervention (PCI) and PCI readmissions and would like to know what data do I need?

Ensure you have the right variables:

- UHIN, UHIN Sequence#, YYYYMMDD of Admission and Discharge, UPN, Days between stays, Procedures, and Diagnosis Codes, Patient Status

Ensure you have the right databases

- You will need both the Inpatient and Outpatient Observation data
- Reason: PCI can be performed in both Inpatient and Outpatient observation settings as Inpatient PCI and Outpatient PCI.

Ensure PCI measures (see AHRQ measures)

The variables you use depend on the measure

- PCI Volume
- PCI Rate
- PCI Mortality Rate

Questions?



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

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

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
NEXT MEETING Tuesday, March 28, 2017 3:00 PM - 4:00 p.m.
Case Mix Workgroup Registration

MA APCD Workgroup Meeting Dates
NEXT MEETING Tuesday, April 25, 2017 3:00 PM - 4:00 p.m.
MA APCD Workgroup Registration

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](#)

Call for Topics and Presenters



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

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

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