



MA Center for Health Information & Analysis

MA APCD User Workgroup

August 23, 2016

Agenda



- Announcements
- APCD Release 5.0:
 - Important Dates
 - Highlights of the Release
 - Revised Application Forms
- Differences between APCD Release 4.0 and 5.0
- Q&A

MA APCD Release 5.0



Timeline:

- Apply for data NOW – application forms are posted on the APCD website:
<http://www.chiamass.gov/application-documents/>
- Data is ready for release now
- Release documentation (including full data specifications and release documentation) has been posted to the APCD website:
<http://www.chiamass.gov/ma-apcd/>
- No change in fees or fee waiver provisions with this release

Release Documentation

CHIA.

CHIA Data » MA APCD

Massachusetts All Payer Claims Database

The Massachusetts All Payer Claims Database (MA APCD) is the most comprehensive source of health claims data from public and private payers in Massachusetts. With information on the vast majority of Massachusetts residents, the MA APCD promotes transparency, and affords a deep understanding of the Massachusetts health care system.

CHIA's enabling statute allows for the collection of data from commercial payers, third party administrators and public programs (Medicare and MassHealth, Massachusetts' Medicaid program).

Please visit CHIA's [Regulations](#) page for more specific information.

These data sets come both from medical insurers and from specialty insurers and administrators of "carved-out" services including pharmacy, mental health/chemical dependency, dental, and vision.

It is used by health care providers, health plans, researchers, and others to address a wide variety of issues, including price variation, population health and quality measurement.

How is MA APCD unique?

While several states have All Payer Claims Databases, the MA APCD has a unique focus on the efficiencies to be achieved by having a single independent agency - as opposed to multiple state agencies - collect data from payers.

CHIA offers the additional benefit of having the infrastructure to work collaboratively with payers to improve data quality and completeness and having the specialized staff needed to normalize data across payers to support cross-payer analyses.

[Sign up to join the MA APCD / Case Mix User Group Mailing List](#)

| MA APCD Overview Information | |
|---|---|
| <ul style="list-style-type: none">MA APCD Overview (New version available mid August)MA APCD Non-Technical Overview (PPT)MA APCD Release Notes (R5.0)MA APCD Administrative Bulletin (R5.0)NEW! How employer participation in the MA APCD can curb health care costsNEW! Key Regulatory Issues Q&A after <i>Gobeille v. Liberty Mutual</i> | |
| Steps to Request the Data | |
| Government Requests | Non-Government Requests |
| MA APCD Release 5.0 Documentation | |
| Government | Non-Government (Limited Data Set-LDS) |
| <ul style="list-style-type: none">Documentation Guide (July 2016)Data Specifications (July 2016) | <ul style="list-style-type: none">Documentation Guide (July 2016)Data Specifications (July 2016) |
| MA APCD Documentation Archive | |
| User Support / Contact Us | |
| MA APCD / Case Mix User | apcd.data@state.ma.us |



MA APCD Release 5.0



Highlights of Release 5.0 Include:

- Data is available for dates of service from January 1, 2011 to December 31, 2015 as paid through March 31, 2016.
 - Data submitted to CHIA after March 2016 is not included in the files
- Comprehensive and recently updated data, including resubmissions from several large carriers
- Versioning for additional carriers beyond those carriers from APCD Release 4.0 (Blue Cross Blue Shield of Massachusetts, Tufts Health Plan, Harvard Pilgrim, and MassHealth)

MA APCD Release 5.0



Additional Highlights of Release 5.0:

- Government users may request both Level 2 and Level 3 elements, including MassHealth Enhanced Eligibility file and Benefit Plan file data
- Non-Government users may request groups of Level 2 data elements, as curated by CHIA into Limited Data Sets (same as Release 4.0).
- Some data elements have been derived by CHIA from submission data elements or have been added to the database to aid in versioning and identifying claims (e.g. Unique Record IDs and status flags).

Revised Application Forms



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

The screenshot shows the CHIA website's navigation and content. At the top left is the CHIA logo. To its right are the links "HEALTH INFORMATION AND ANALYSIS", "CHIA DATA", and "ABOUT CHIA". A search bar is located on the right side of the header. Below the header is a horizontal menu with five items: "MA APCD" (highlighted with a dark blue background), "Case Mix Data", "Hospital and Other Provider Data", "Information for Data Submitters", and "Other Data".

The main content area is titled "Application Documents" and includes the following sections:

- APCD Fee Schedule**
 - Administrative Bulletin 16-02: Update to All-Payer Claims Database ("APCD") Fee Schedule (PDF) | Word (Effective January 21, 2016)
- Application Materials for Government Entities Requesting APCD Data:**
 - APCD Request Form: Governmental Entity (PDF) | Word
 - APCD Data Specification Workbook (Excel)
 - Medicare Request Form (Excel)
 - Data Use Agreement Governmental Entity (PDF) | Word
 - Medicaid Addendum to Data Use Agreement (PDF) | Word
 - Medicare Addendum to Data Use Agreement (PDF) | Word
 - Medicaid Acknowledgement of Conditions (PDF) | Word
- Application Materials for Non-Government Entities Requesting APCD Data:**
 - Non-Government Request Form (PDF) | Word
 - APCD Non-Government Data Element Specifications (Excel)
 - Fee Remittance or Fee Waiver Request Form (PDF) | Word
 - Data Management Plan with Minimum Security Requirements (PDF) | Word
 - Data Use Agreement (PDF) | Word
 - Medicaid Acknowledgement of Conditions (PDF) | Word

A note at the bottom states: "Note: Case Mix application documents are located here."

At the very bottom, a "PLEASE NOTE" section provides a link for "Important Information for Non-Governmental Requests for APCD and Case Mix Data (PDF) | Word".

Two large blue arrows point from the right towards the lists of application materials for Government and Non-Government Entities.

Revised Data Management Plan

CHIA.

Posted here: <http://www.chiamass.gov/assets/Uploads/data-apps/Data-Management-Plan-for-Non-Government-Entities.docx>

| Commonwealth of Massachusetts Center for Health Information & Analysis (CHIA) Data Management Plan for Non-Government Entities | |
|--|--|
| DATA MANAGEMENT PLAN | |
| <p>Any Applicants, contractors, or agents receiving CHIA data that includes Protected Health Information ("PHI" as defined under the Health Information and Portability Act [HIPAA] and its implementing regulations) as well as additional elements that may be used to identify an individual (the "Data") must complete and execute this Data Management Plan. The Data Management Plan(s) will be incorporated within the Data Use Agreement that must be executed prior to receipt of the Data. You may wish to refer to the Data Use Agreement as you complete this Data Management Plan. This Data Management Plan should be completed by the Chief Information Security Officer, Chief Privacy Officer, legal counsel or another officer of the organization with sufficient knowledge of the organization's data privacy and security practices and who has authority to bind the organization.</p> | |
| <p>NOTE: This Data Management Plan is confidential and will not become a part of the public record.</p> | |
| I. GENERAL INFORMATION | |
| Project Title: (should appear the same as on the Data Application) | |
| II. CERTIFICATIONS | |
| Applicant certifies and agrees as follows: | |
| <ul style="list-style-type: none">• The Data will be encrypted at rest with at least AES-256 standard or stronger.• The Data will be encrypted in transit consistent with the approved method described in this Data Management plan at section IV.3-b.• Anti-virus software or service is active on any server or endpoint containing the Data• The Organization is in full compliance with the privacy and security requirements of HIPAA• The Organization has policies and procedures in place to address:<ul style="list-style-type: none">○ The sharing, transmission and distribution of PHI○ The physical removal, transport and transmission of PHI○ The physical possession and storage of PHI○ The training of all staff who will access PHI on the requirements of HIPAA○ The destruction of PHI upon the completion of its use.○ Confidentiality agreements with all individuals, including contractors, who will access PHI○ Business Associate Agreements with all non- employees who will access PHI | |
| III. RESPONSIBLE PARTIES | |
| Please identify the following individuals within your organization: | |
| 1. The individual responsible for organizing, storing and archiving the Data. This individual is the Custodian of the CHIA | |

Case Mix FY15 Release



- We are accepting applications for FY15 Case Mix data NOW
- Inpatient Data is ready for release now
 - Emergency Department ready in late August
 - Outpatient Observation ready in September
- Apply for all files now and we will fulfill them as they become available.
- FY15 Case Mix data in LDS format
- FY04-FY14 available in old “Levels” format (can request on the same application form)



QUESTIONS?



Application Reminders

Application Reminders



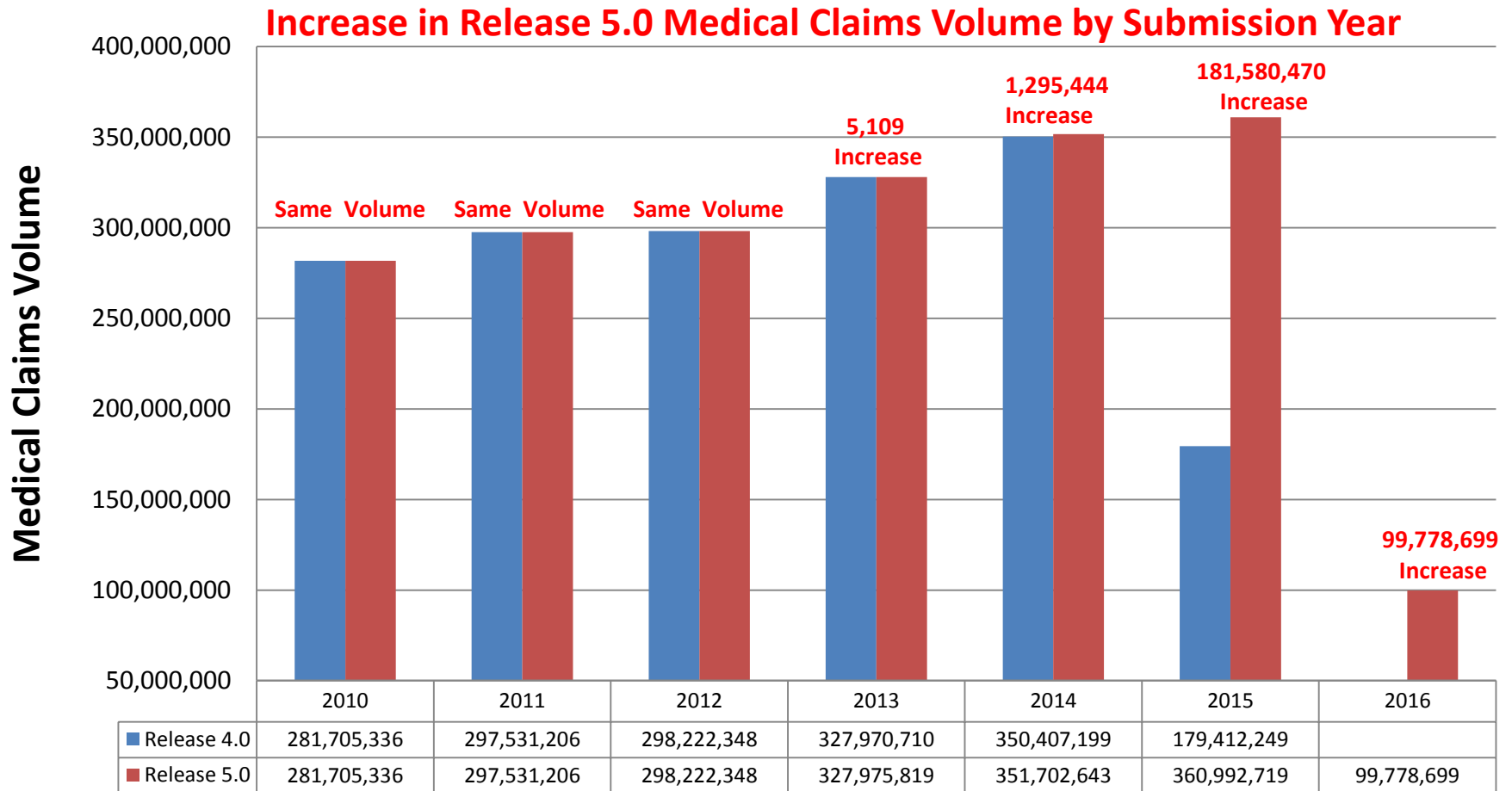
1. Don't forget to upload CVs/Resumes for the “core project team” (even if you've previously been approved for data)
2. Don't forget to upload IRB documentation (even if it's been determined that you are not subject to IRB review)
3. If you're uploading new/revised forms after your initial submission, don't forget to re-lock your project so we know that new materials are ready for review



Differences Between APCD Release 4.0 and Release 5.0

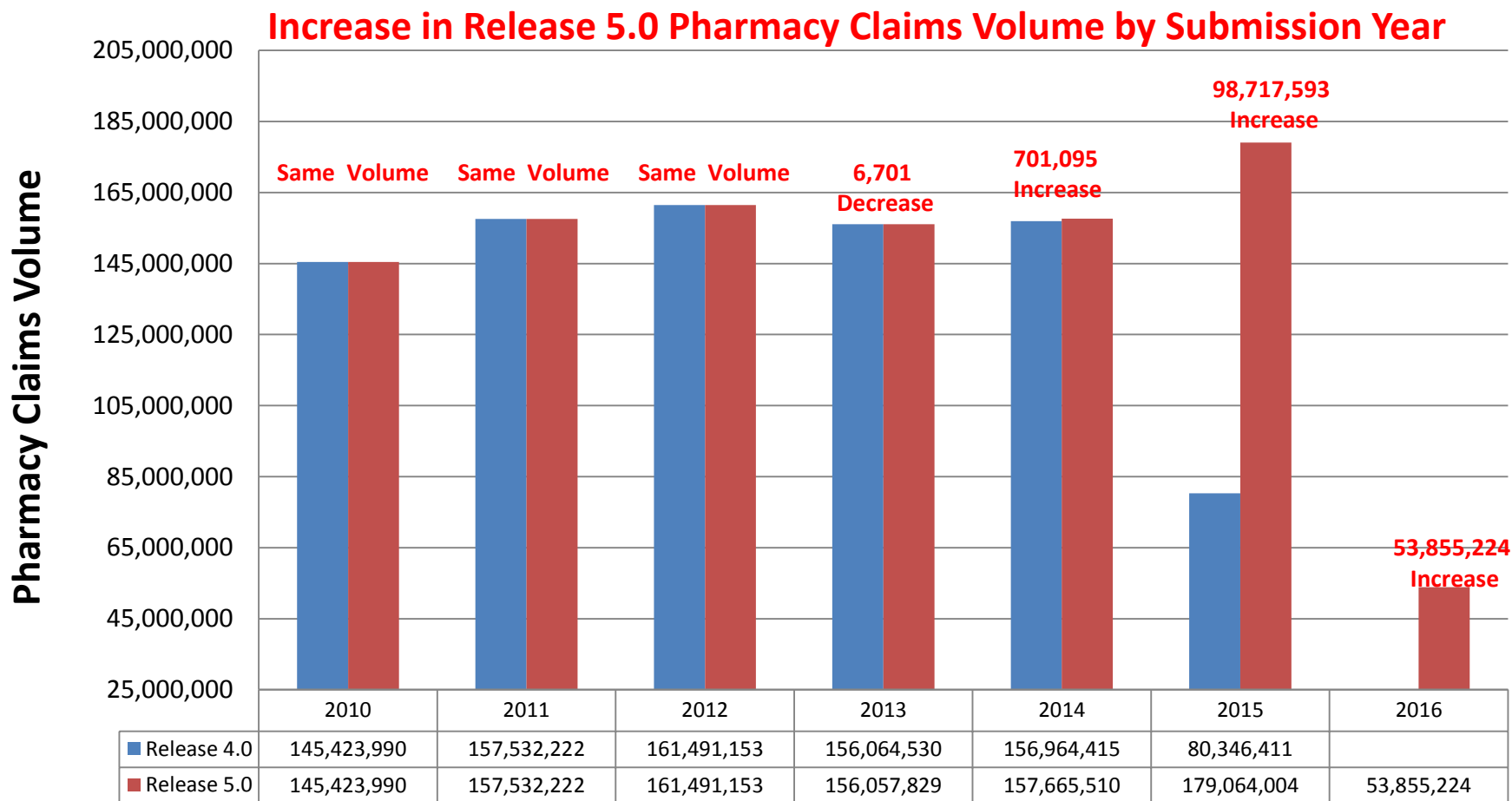
What is the Difference between Release 4.0 and Release 5.0 in Medical Claims Volume?

Answer: Release 4.0 contains **1,735,249,048** Medical Claims and Release 5.0 contains **2,017,908,770** Medical Claims due to a complete submission year for 2015, partial year for 2016, and a few resubmissions for previous years.

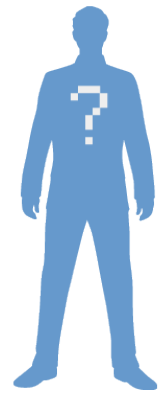


What is the Difference between Release 4.0 and Release 5.0 in Pharmacy Claims Volume?

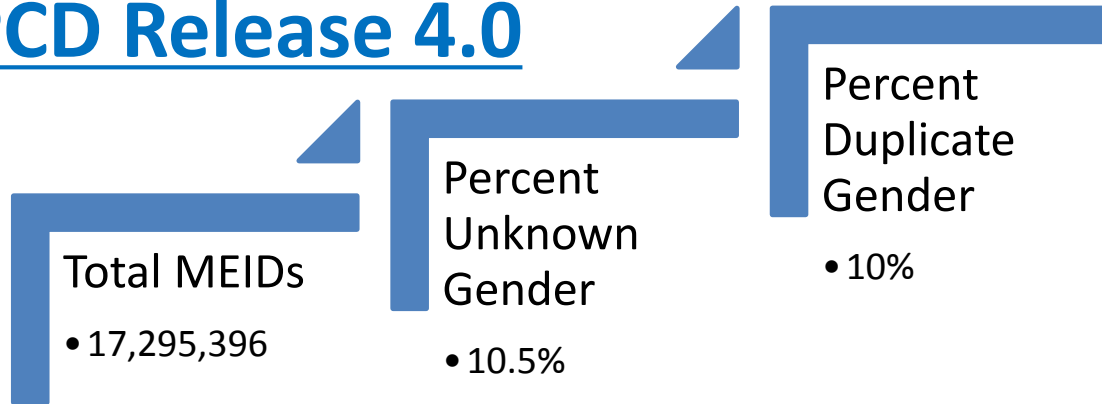
*Answer: Release 4.0 contains **857,822,721** Pharmacy Claims and Release 5.0 contains **1,011,089,932** Pharmacy Claims due to a complete submission year for 2015, partial year for 2016, and a few resubmissions for previous years.*



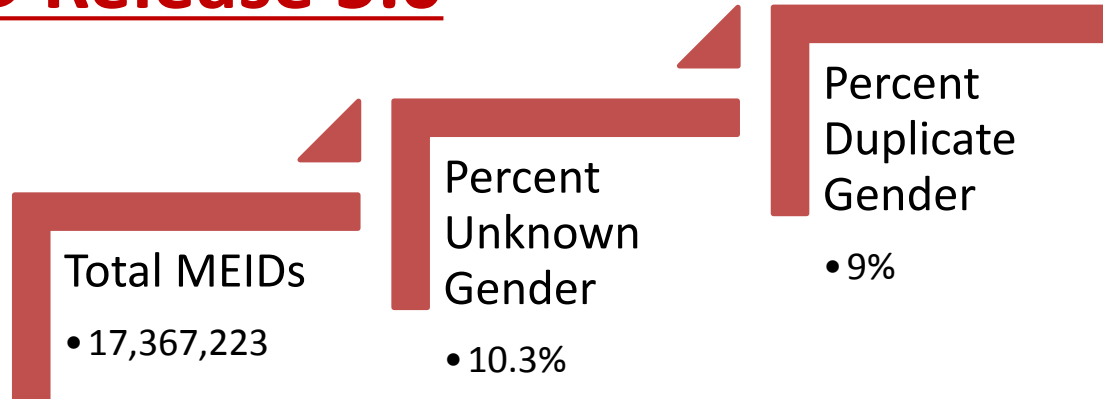
Have the Number of MEIDs with Unknown Gender and Duplicate MEIDs with Different Genders changed from Release 4.0 to Release 5.0?



MA APCD Release 4.0



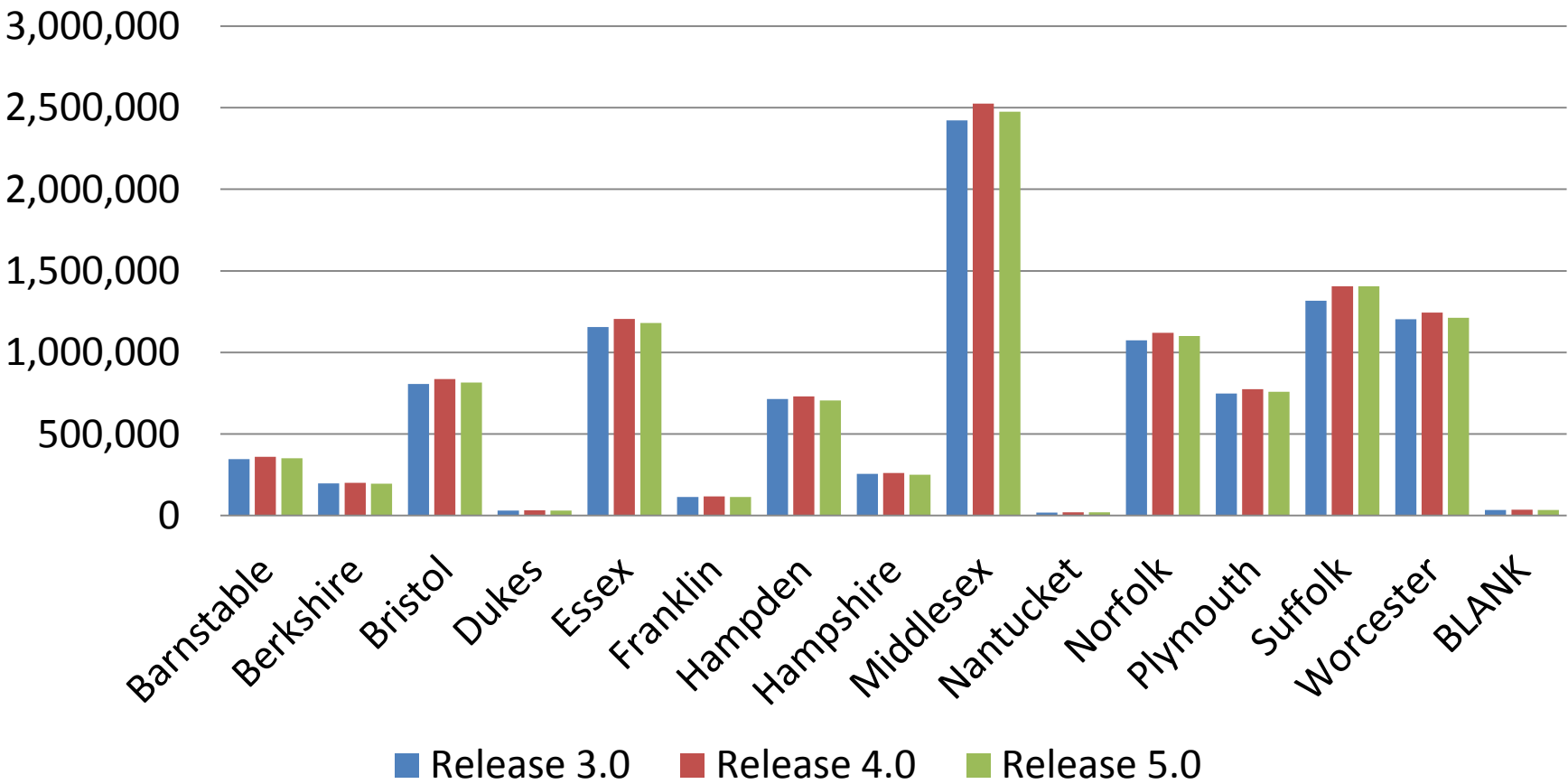
MA APCD Release 5.0



Has the Volume of MEIDs for Massachusetts Residents Changed by APCD Release?



Massachusetts Distinct MEID Volume by Release



Has the Volume of MEIDs for Massachusetts Residents Changed by APCD Release?

| COUNTY | Release 3.0 | Release 4.0 | Release 5.0 |
|---------------|--------------------|--------------------|--------------------|
| Barnstable | 3.30% | 3.30% | 3.30% |
| Berkshire | 1.90% | 1.90% | 1.80% |
| Bristol | 7.70% | 7.70% | 7.70% |
| Dukes | 0.30% | 0.30% | 0.30% |
| Essex | 11.10% | 11.10% | 11.10% |
| Franklin | 1.10% | 1.10% | 1.10% |
| Hampden | 6.90% | 6.70% | 6.60% |
| Hampshire | 2.40% | 2.40% | 2.40% |
| Middlesex | 23.20% | 23.20% | 23.20% |
| Nantucket | 0.20% | 0.20% | 0.20% |
| Norfolk | 10.30% | 10.30% | 10.30% |
| Plymouth | 7.20% | 7.10% | 7.10% |
| Suffolk | 12.60% | 12.90% | 13.20% |
| Worcester | 11.50% | 11.40% | 11.40% |
| BLANK | 0.30% | 0.30% | 0.30% |
| | 100.00% | 100.00% | 100.00% |
| | | | |
| Total | 10,436,467 | 10,867,971 | 10,650,715 |

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

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.