

CHIA USER WORKGROUP

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March 26, 2024

Agenda

- Announcements:
 - MA APCD Release CY 2021 and CY2022 Updates
 - Update to the MA APCD Application
 - FY22 Case Mix Release Updates

- Website Updates

- User Support Questions
 - Number of Files in a given MA APCD Subscription
 - Size of a Data Extract
 - Size of the Largest File
 - Data Format
 - Inpatient Psychiatric Facilities
 - Currency Fields
 - Provider Location

- Q&A

MA APCD Calendar Years 2021 and 2022

- Available for request
- Applicants with *approved projects* that require updated MA APCD data (CY 2021 Data or CY2022) should submit to CHIA a completed Exhibit B (*Certificate of Continued Need and Compliance*) of the Data Use Agreement. After submitting a completed Exhibit B, you will receive an invoice (if applicable) for the requested data. Upon payment of the invoice the order for the data will be placed.
- **CY 2021 Data** includes medical, pharmacy, and dental claims incurred between **January 1, 2017, and December 31, 2021, and it includes six (6) months of run-out (paid claims through June 30, 2022)**. In addition to claims data, the release contains relevant reference files including member eligibility, providers, products, and benefit plans. This data encompasses public and private payers as well as fully-insured and self-insured plans. Keep in mind that due to the Supreme Court decision, *Gobeille v. Liberty Mutual*, the self-insured plans are severely reduced starting in 2016. This release also includes MassHealth Medicaid data in the MA APCD for the period of calendar years 2017-2021.

continued



MA APCD Calendar Years 2021 and 2022 (continued)

- The new **CY 2022 Data** includes medical, pharmacy, and dental claims incurred from **January 1, 2018, through December 31, 2022, and includes six (6) months of run-out (paid claims through June 30, 2023)**. This release also includes MassHealth Medicaid data in the MA APCD for the period of calendar years 2018-2022. As with CY2021, this data encompasses public and private payers as well as fully-insured and self-insured plans. Again, keep in mind that due to the Supreme Court decision, *Gobeille v. Liberty Mutual*, the self-insured plans are severely reduced starting in 2016.
- The new CY 2022 Documentation Guide and Release Notes are available on CHIA's website for your review before using the data.
<https://www.chiamass.gov/ma-apcd/>

MA APCD Calendar Year 2022 Documentation

- [MA APCD CY 2022 Documentation Guide](#)
- [MA APCD CY 2022 Release Notes](#)
- [MA APCD Government Data Specifications Workbook](#)
- [MA APCD Non-Gvnt. Data Specifications Workbook \(Limited Data Set-LDS\)](#)
- [MA APCD CY 2022 MPI Data Exclusion Overview](#)
- [MA APCD Master Patient Index](#)

Updates to the MA APCD Application

When applying for CHIA data, always check the website to download and use the most recent version of the data request application. For example, the MA APCD application was last revised in December 2023 to update the full year date ranges available for purchase.

See application excerpt below.

V. DATASETS REQUESTED

The Massachusetts All-Payer Claims Database (“APCD”) is comprised of medical, pharmacy, and dental claims and information from the member eligibility, provider, and product files that are collected from health insurance payers licensed to operate in the Commonwealth of Massachusetts. This information encompasses public and private payers as well as data from fully-insured and self-insured plans. APCD data are refreshed and updated annually and made available to approved data users. For more information about APCD Data, including available years of data and a full list of elements in the database please refer to layouts, data dictionaries and similar documentation included on [CHIA’s website](#).

Data requests are typically fulfilled on a one time basis, however; certain Projects may require future years of data that will become available in a subsequent release. Projects that anticipate a need for future years of data may request to be considered for a subscription. Approved subscriptions will receive, upon request, the same data files and data elements included in the initial Release annually or as available. Please note that approved subscription requests are subject to the Data Use Agreement, and subject to the limitation that the Data can be used only in support of the approved Project.

1. Please indicate below whether this is a one-time request, or if the described Project will require a subscription.
 One-Time Request **OR** Subscription
2. CHIA is currently filling requests for claims data from 2016 to 2022. Requests made outside of these years may not be fulfilled by CHIA and will be considered on a case-by-case basis. Please specify the years of data that are being requested: _____.



Updates to the MA APCD Application (continued)

In addition, the December 2023 revision to MA APCD application specifies that the member ZIP code geographic data is now only released at the level of one ZIP code per person per year based on the member's ZIP code reported in the member's earliest submission year month.

See application excerpt below.

Exhibit A: CHIA Government All-Payer Claims Data Application

December 2023

ZIP code and state geographic subdivisions are available for Massachusetts residents and providers only. Small population ZIP codes are combined with larger population ZIP codes. One ZIP Code per person (MEID) per year has been assigned based on the ZIP code/state reported in the member eligibility record's earliest submission year month. If the record does not have an MEID, assignment is based on distinct OrgID/Carrier Specific Unique Member ID.

Non-Massachusetts ZIP codes and state codes except for CT, MA, ME, NH, NY, RI, and VT are suppressed.



Case Mix FY2022 Release

CURRENT RELEASE TIMEFRAMES FOR EACH FILE:

- Hospital Inpatient Discharge Data (HIDD)

FY2022 Now Available for Request

- Outpatient Emergency Department Visit Data (ED)

FY2022 Now Available for Request

- Outpatient Observation Stay Data (OOD)

FY2022 Now Available for Request

- Applicants with *approved projects* using previous years data (e.g., FY 20, FY21) that require newly available year(s) of case mix data (e.g., FY 22) should submit to CHIA a completed Exhibit B (*Certificate of Continued Need and Compliance*) of the Data Use Agreement. After submitting a completed Exhibit B you will receive an invoice (if applicable) for the requested data. Upon payment of the invoice the order for the data will be placed.



continued 

Case Mix FY2022 Release (continued)

- The Documentation Manuals and Release Notes for the FY2022 case mix data are available on CHIA's website. (<https://www.chiamass.gov/case-mix-data/>). There have been new updates to the FY2022 ED data release notes.

Case Mix Documentation

Hospital Inpatient Discharge Database (HIDD)

- [FY22 Documentation Manual \(PDF\)](#) | [Word](#)
- [FY22 Release Notes \(PDF\)](#) | [Word](#)

Emergency Department Database (EDD)

- [FY22 Documentation Manual \(PDF\)](#) | [Word](#)
- [FY22 Release Notes \(PDF\)](#) | [Word](#)
(Updated 2/13/2024)

Outpatient Observation Database (OOD)

- [FY22 Documentation Manual \(PDF\)](#) | [Word](#)
- [FY22 Release Notes \(PDF\)](#) | [Word](#)

Website Release Updates

- Updates on the production of MA APCD and case mix databases and status of data requests are now posted to CHIA's website!
 - **Aim #1** is to provide weekly or bi-weekly status update on CHIA data products as they are in development.
 - **Aim #2** is to provide applicants with information about expected fulfillment status for individual data requests.
 - Request IDs will be communicated to Data Requestors via email.
- Please visit <http://www.chiamass.gov/status-of-data-requests/> to see the current status of data extracts and releases.
- You can also sign up to receive updates on the status of MA APCD and case mix data requests and data release information by filling out the form at the following link:
<https://lp.constantcontactpages.com/su/NYBm5Bs>

USER QUESTIONS

MA APCD File Size

Question: What is the total size of the data extract for the MA APCD CY 2021 subscription?

Answer: This answer pertains to this user's specific extract.

	Medical Claims, including Medicaid Claims	Member Eligibility, including Medicaid Eligibility	Provider, including Medicaid Providers	Product, including Medicaid Products
Size	1.5 TB	112.40 GB	33.78 GB	226.58 MB
Rows (Lines)	1,497,415,560	289,406,456	98,102,250	1,408,206

Question: What is the size of the largest file if the extract consists of multiple files?

Answer:

- One file is created per file type regardless of the size.
- One thing to remember about the size, the number of lines (rows) and size could differ based on the number of buy-ups and data elements requested, despite requesting the same number of years on an application.
- As shown in the user specific question above.

Question: Could you confirm whether the data is formatted as asterisk-delimited text files?

Answer: The data is asterisk delimited.

Question: Is the data compressed?

Answer: No. The data is not compressed.

Question: How many files are included in the CY 2021 APCD data extract if we subscribe to Medical Claims, Member Eligibility, Provider, Product, and Medicaid Data?

Answer: There are 4 files. The Medicaid related data is included in each of the files. If you also subscribe to the MassHealth Enhanced Eligibility (MHEE) data, the MHEE data is sent as a separate file.

Question: Our research focuses on analyzing inpatient psychiatric care using the MA APCD medical claims file. Which variables within the MA APCD can be utilized to filter for inpatient psychiatric care?

**Inpatient Psychiatric
Hospital Medical
Claims**

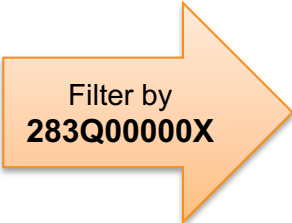
Answer: There are several fields with coding options for inpatient psychiatric hospitals. The National Uniform Claim Committee (NUCC) maintains service provider taxonomy code as part of a system used to classify health care providers by specialty and area of practice. Both the MA APCD medical claims table and the MA APCD provider table have dedicated fields for reporting the service provider specialty using the NUCC taxonomy codes.

The taxonomy code for an inpatient psychiatric hospital is 283Q00000X.

This taxonomy code is reported in two MA APCD fields MC032 (Service Provider Specialty) and PV022 (Taxonomy).

**MC032
Service Provider Specialty**

**PV022
Taxonomy**



Highest Volume Inpatient Psychiatric Hospitals

- MiraVista Behavioral Health Center
- Worcester Recovery Center & Hospital
- McLean Hospital
- Fuller Hospital
- Southcoast Behavioral Health
- Pembroke Hospital
- Taravista Behavioral Health Center
- Bournewood Hospital
- Arbour Hospital
- HRI Hospital
- Dr. Solomon Center Fuller MHC
- High Point Treatment Center
- Walden Behavioral Care
- Haverhill Pavilion Behavioral Health
- Hospital for Behavioral Medicine
- Baldpate Hospital
- Austin Riggs Center

continued 

Answer (continued): The Centers for Medicare & Medicaid (CMS) National Plan and Provider Enumeration System (NPPES) National Provider Identifier (NPI) Registry at <https://npiregistry.cms.hhs.gov/search> can also be used to obtain the NPIs of psychiatric hospitals and the NPIs can be used in the MA APCD. Below is the search screen for the NPI Registry.

**Inpatient Psychiatric
Hospital Medical
Claims**

The screenshot shows the NPPES NPI Registry search page. The browser address bar displays 'npiregistry.cms.hhs.gov/search'. The page title is 'NPPES NPI Registry' and the navigation menu includes 'NPPES', 'Downloads', 'API', and 'Help'. The search form is divided into sections for individuals and organizations. The 'for individuals' section includes fields for 'NPI Number', 'NPI Type' (set to 'Any'), 'Taxonomy Description', 'Provider First Name', and 'Provider Last Name'. The 'for organizations' section includes fields for 'Organization Name (LBN, DBA, Former LBN or Other Name)', 'Authorized Official First Name', and 'Authorized Official Last Name'. Below these are fields for 'City', 'State' (set to 'Any'), 'Country' (set to 'Any'), 'Postal Code', and 'Address Type' (set to 'Any'). A checkbox labeled 'Check this box to search for Exact Matches only' is present. A note at the bottom states: 'Note: The NPI Registry limits searches to the first 2100 results. If you cannot find the NPI that you are looking for, please refine the search.' At the bottom left, there are 'Clear' and 'Search' buttons.

continued

Answer (continued): In the CMS NPPES NPI Registry search screen options, for **NPI Type** select “Organization”, for **Taxonomy Description** enter “psychiatric hospital”, and for **State** select Massachusetts as shown in the screen below.

**Inpatient Psychiatric
Hospital Medical
Claims**

NPPES NPI Registry NPPES Downloads API Help

NPI Number **NPI Type**
Organization **Taxonomy Description**
psychiatric hospital

for individuals
Provider First Name Provider Last Name

for organizations
Organization Name (LBN, DBA, Former LBN or Other Name) Authorized Official First Name Authorized Official Last Name

City **State**
MASSACHUSETTS Country
Any Postal Code Address Type
Any

Check this box to search for Exact Matches only i

** This search page is by default set to return similar and close results to your search keywords. You can check the box above if you only want the exact matches for your keywords to be returned in the search results.











Note: The NPI Registry limits searches to the first 2100 results. If you cannot find the NPI that you are looking for, please refine the search.

Clear Search

continued

Answer (continued): It is important to note that state agencies, federal agencies, different types of corporations and LLCs will be listed as the organization for their psychiatric hospitals, for example, Massachusetts Department of Mental Health hospitals, Veteran Affairs hospitals (DVA), or hospitals which are part of a different corporate entities or limited liability corporation. See organizations highlighted below.

**Inpatient Psychiatric
Hospital Medical
Claims**

NPPES NPI Registry			NPPES	Downloads	API	Help
1033448956	CORRIGAN M.H.C.		49 HILLSIDE ST FALL RIVER, MA 02720-5211	508-235-7400		Psychiatric Hospital
1881787455	DEPARTMENT OF MENTAL HEALTH		288 LYMAN ST. WESTBORO, MA 01581	508-616-2281		Psychiatric Hospital
1063876241	DEVENS TREATMENT & RECOVERY CENTER, LLC		85 PATTON RD DEVENS, MA 01434-4401	978-615-5200		Psychiatric Hospital
1972538783	DVA		421 N MAIN ST LEEDS, MA 01053-9764	413-582-3038		Psychiatric Hospital
1093714412	FIRST PSYCHIATRIC PLANNERS, INC		300 SOUTH ST BROOKLINE, MA 02467-3658	617-469-0300		Psychiatric Hospital
1518996354	HIGH POINT TREATMENT CENTER INC.		72 KILBURN ST NEW BEDFORD, MA 02740-7321	774-628-1033		Psychiatric Hospital
1649856618	HOLYOKE CAPITAL JV, LLC		1233 MAIN ST HOLYOKE, MA 01040-5381	413-701-2600		Psychiatric Hospital
1871172411	HOLYOKE MENTAL HEALTH		1233 MAIN ST HOLYOKE, MA 01040-5381	978-615-5200		Psychiatric Hospital
1518938174	HRI HOSPITAL, INC		227 BABCOCK ST BROOKLINE, MA 02446-6773	617-731-3200		Psychiatric Hospital
1982878682	HVL CORPORATION		76 SUMMER ST HAVERHILL, MA 01830-5814	978-372-8000		Psychiatric Hospital

continued



Answer (continued): When you click on the NPI listings for the Department of Mental Health, the DVA, Holyoke Capital JV, LLC, or HVL Corporation, you will see the hospital name **as shown below**. This is important to note because in the MA APCD, at the medical claim line level, there will be instances where the umbrella government agency or corporate entity is listed as the billing or service provider organization associated the NPI.

Inpatient Psychiatric
Hospital Medical
Claims

DEPARTMENT OF MENTAL HEALTH

Other Names:

Other Name WESTBORO STATE HOSPITAL

Organization Subpart: NO



NPI: 1881787455

Last Updated: 2020-08-22

Certification Date:

DVA

Other Names:

Other Name VAMC NORTHAMPTON

Organization Subpart: NO



NPI: 1972538783

Last Updated: 2020-08-22

Certification Date:

HOLYOKE CAPITAL JV, LLC

Other Names:

Doing Business As: MIRAVISTA BEHAVIORAL HEALTH CENTER

Organization Subpart: NO



NPI: 1649856618

Last Updated: 2021-11-15

Certification Date: 2021-11-15

HVL CORPORATION

Other Names:

Doing Business As: WHITTIER PAVILION

Organization Subpart: NO



NPI: 1982878682

Last Updated: 2009-06-17


Certification Date:

continued



Answer (continued): There will be instances where acute care hospitals are in your search results for psychiatric hospitals. In those instances, the hospital is licensed with multiple taxonomies, such as Lemuel Shattuck Hospital. When you click on its NPI detail listing, you will see it also has the taxonomy of a psychiatric hospital **as shown below**.

**Inpatient Psychiatric
Hospital Medical
Claims**

NPPES NPI Registry		NPPES Downloads API Help		
1245370873	LEMUEL SHATTUCK HOSPITAL		170 MORTON ST JAMAICA PLAIN, MA 02130-3735	617-522-8110 General Acute Care Hospital

Lemuel Shattuck Hospital's Detail NPI Registry Listing

LEMUEL SHATTUCK HOSPITAL Organization Subpart: NO													
NPI: 1245370873 Last Updated: 2020-08-22 Certification Date:													
Details													
Name	Value												
NPI	1245370873												
Enumeration Date	2007-02-06												
NPI Type	NPI-2 Organization												
Status	Active												
Authorized Official Information	Name: Ms. DONNA ETHEL GRANT LICSW Title: CLINICAL SOCIAL WORKER C Phone: 6179713006												
Mailing Address	170 MORTON ST JAMAICA PLAIN, MA 02130-3735 United States Phone: 617-522-8110 Fax: 617-971-3853 View Map												
Primary Practice Address	170 MORTON ST JAMAICA PLAIN, MA 02130-3735 United States Phone: 617-522-8110 Fax: 617-971-3853 View Map												
Secondary Practice Address(es)													
Health Information Exchange	Endpoint Type Endpoint Endpoint Description Use Content Type Affiliation Endpoint Location												
Other Identifiers	Issuer State Number												
Taxonomy	<table border="1"> <thead> <tr> <th>Primary Taxonomy</th> <th>Selected Taxonomy</th> <th>State</th> <th>License Number</th> </tr> </thead> <tbody> <tr> <td>No</td> <td>282N00000X - General Acute Care Hospital</td> <td>MA</td> <td>1029674</td> </tr> <tr> <td>No</td> <td>283Q00000X - Psychiatric Hospital</td> <td>MA</td> <td>1029674</td> </tr> </tbody> </table>	Primary Taxonomy	Selected Taxonomy	State	License Number	No	282N00000X - General Acute Care Hospital	MA	1029674	No	283Q00000X - Psychiatric Hospital	MA	1029674
Primary Taxonomy	Selected Taxonomy	State	License Number										
No	282N00000X - General Acute Care Hospital	MA	1029674										
No	283Q00000X - Psychiatric Hospital	MA	1029674										

Lemuel Shattuck Hospital's Multiple Taxonomies

Selected Taxonomy	State	License Number
282N00000X - General Acute Care Hospital	MA	1029674
283Q00000X - Psychiatric Hospital	MA	1029674

continued 

Answer (continued): Both acute care and psychiatric hospitals can have licensed psychiatric beds. The utilization of beds can be determined in the MA APCD by accommodation codes in the revenue code field. The most common accommodation revenue codes used by inpatient psychiatric hospitals are **listed below in Table 1**

It is important to keep in mind that not all inpatient stays will have an accommodation revenue codes. Different payment arrangement models, such as capitation models, global payment models, bundled payments or value-based care models for ACOs, do not necessarily require a medical claim bill include full listing through revenue codes. The Department of Mental Health has a listing of licensed psychiatric beds (updated 12/13/2023) online at: <https://www.mass.gov/doc/dmh-licensed-hospital-list-1/download>

Table 1. Common Accommodation Codes used by Psychiatric Hospital

Revenue Code	Description
0114	ROOM & BOARD - PRIVATE (ONE BED) - PSYCHIATRIC
0124	ROOM & BOARD - SEMI-PRIVATE TWO BEDS - PSYCHIATRIC
0126	ROOM & BOARD - SEMI-PRIVATE TWO BEDS - DETOXIFICATION
0119	ROOM & BOARD - PRIVATE (ONE BED) - OTHER
0136	ROOM & BOARD - SEMI-PRIVATE - THREE AND FOUR BEDS - DETOXIFICATION
0118	ROOM & BOARD - PRIVATE (ONE BED) - REHABILITATION
0129	ROOM & BOARD - SEMI-PRIVATE TWO BEDS - OTHER
0169	ROOM & BOARD - OTHER - OTHER
0138	ROOM & BOARD - SEMI-PRIVATE - THREE AND FOUR BEDS - REHABILITATION
0204	INTENSIVE CARE UNIT - PSYCHIATRIC
0116	ROOM & BOARD - PRIVATE (ONE BED) - DETOXIFICATION
0120	ROOM & BOARD - SEMI-PRIVATE TWO BEDS - GENERAL CLASSIFICATION
0100	ALL INCLUSIVE RATE - ALL-INCLUSIVE ROOM AND BOARD PLUS ANCILLARY
1002	BEHAVIORAL HEALTH ACCOMMODATIONS - RESIDENTIAL - CHEMICAL DEPENDENCY
0154	ROOM & BOARD - WARD - PSYCHIATRIC

Answer (continued): When analyzing inpatient psychiatric care by bed capacity, the Massachusetts Department of Mental Health (DMH) has a helpful document which lists psychiatric beds licensed by DMH (updated 12/2023) by DMH at:

<https://www.mass.gov/doc/dmh-licensed-hospital-list-1/download>. This document lists psychiatric bed capacity at both dedicated inpatient psychiatric facilities and hospital which also have a taxonomy of general acute care. Below is an example of the listing for McLean Hospital.



McLean Hospital Licensed Capacity (Updated 12/13/2023)

<p>MCLEAN HOSPITAL DMH Area - Northeast Area 115 Mill Street Belmont, MA 02478-9106 Main Number: (617) 855-2000</p>	<p>Hospital Licensed Capacity - 207 8 Unit(s) Adult Beds 171 Geriatric Beds 36 License Class: II, III, V, VI(Ltd), VIII License # 1255 Expires 7/18/2025 Shared License</p>
<p>MCLEAN SOUTHEAST AT ISAAC STREET DMH Area - Southeast Area 23 Isaac Street Middleborough, MA 02346 Main Number: (774) 419-1000</p>	<p>Hospital Licensed Capacity - 34 1 Unit(s) Adult Beds 34 License Class: II, III, VI(Ltd) License # 1255 Expires 7/18/2025 Shared License</p>
<p>MCLEAN SOUTHEAST AT OAK STREET DMH Area - Southeast Area 52 Oak Street Middleborough, MA 02346 Main Number: (508) 923-5300</p>	<p>Hospital Licensed Capacity - 68 3 Unit(s) Adult Beds 46 Adolescent Beds 22 License Class: License # 1255 Expires 7/18/2025 Shared License</p>

**Inpatient Psychiatric
Hospital Medical
Claims**

Answer (continued): There are other fields in the MA APCD medical claims, such as the **Type of Facility (MC245)**, which have a coding option for inpatient psychiatric facilities. **See below.** You could use this field to filter for inpatient psychiatric claims with the recommendation this field be used in combination with the specialty field. For example, **WHERE** typeoffacility = '8' **OR** serviceproviderspecialty = '283Q00000X'.

Whenever you are uncertain about which MA APCD field to use in a query, consult the filing threshold detailed in CHIA's MA APCD filing specifications (see: <https://www.chiamass.gov/apcd-data-submission-guides/>). The thresholds in the filing specifications will help you understand the level of completeness expected for that field. For example, the service provider taxonomy (MC032) is required on all claim lines, with a 98% threshold as a category 'A2' which means the data is required to be valid per Conditions and must meet threshold percent with no more than 2% variation. However, while the type of facility (MC245) also has a 98% threshold, it is a category 'B' data element, which means the data is requested and errors are reported but will not cause a file to fail.

Table 1. Types of Facilities in MC245

Value	Description
1	General Acute Care Facility
2	Skilled Nursing Facility/Long Term Care Facility
3	Intermediate Care Facility
4	Hospice Facility
5	Designated Cancer Center
6	Designated Inpatient Children's Hospital
7	Inpatient Rehabilitation Facility
8	Inpatient Psychiatric Hospital
9	Critical Access Hospital
10	VNA/Home Care
70	Other Type of Facility

Answer (continued): When analyzing any inpatient care, it is important to note that the magnitude (approximately 85%) of the MA APCD claim lines are for outpatient care. If you are having problems untangling inpatient claim lines from outpatient claim lines, you can test adding one or more filters in the medical claims are more **common on inpatient claims as shown below**, but again pay close attention to the filing thresholds. **Commonly populated means that the field is not always populated.**

Medical Claims Fields Commonly Populated on Inpatient Claims

- MC018 – Admission Date (Is not Null)
- MC020 – Admission Type (Is not Null)
- MC021 – Admission Source (Is not Null)
- MC027 – Entity Type (Filter by Code 2 for non-person entity)
- MC034 – Service Provider State (Filter by MA for Massachusetts)
- MC036 - Type of Bill on Facility Claims (Filter by Code 11 for Hospital Inpatient Care)
- MC069 – Discharge Date (Is not Null)
- MC094 – Type of Claim (Filter by Code 002 for Facility)



Negative Dollar Amounts



Question: We've come across negative numbers for paid amount and prepaid amounts. Can you tell us why that is the case? Also, can I ask what is the prepaid amounts?

Answer: Negative dollar amounts in the MA APCD usually indicate adjustments or credits applied to an account. These adjustments can occur for several reasons:

- **Refunds:** Negative amounts can also reflect refunds processed for several reasons, such as overpayment by the patient or insurer, or if a service was canceled and not provided. You might see this in MA APCD pharmacy claims when someone fails to pick up a prescription and medication is returned to supply.
- **Payment Corrections:** If there was an error in the original payment calculation, a negative adjustment might be made to correct the mistake. Sometimes when amounts kick in from copayments, deductibles, or insurance reimbursements, other amounts in the eleven MA APCD currency fields on the medical claim must be corrected.
- **Claim Adjustments:** Sometimes, after a claim has been processed, adjustments are made based on negotiated rates, policy terms, or after an audit of the services billed. These adjustments can result in negative amounts to align the charges with the agreed-upon rates or policy coverage.
- **Overpayment:** If an insurance company or patient pays more than the final billed amount for a service, the excess payment is often reflected as a negative amount. This could indicate that the payer is due a refund or that the amount will be credited against future charges. This sometimes happens if a person is dually eligible and a secondary or tertiary payment kicks in.

Also, in the context of negative dollar amounts, pay attention to the **Claim Line Type** field which indicates whether the field is an amendment, backout, original, replacement, or void. CHIA has incorporated into the MA APCD the **Highest Version Paid Indicator** is intended only to designate the highest version of a claim line that was PAID. This is the version indicator approved by carriers through discussions with CHIA for MA APCD release and financial analysis purposes. Also, the **Highest Version Indicator** indicates that the claim line is the highest version claim line, which can include paid or denied claim claims. See: <https://www.chiamass.gov/assets/Uploads/Version-Flags-MAY-2020.pdf>



Prepaid Amount



Answer (continued): With regards to the **prepaid amount**, see page 10 of the **MEDICAID NATIONAL CORRECT CODING INITIATIVE TECHNICAL GUIDANCE MANUAL** (see: <https://www.cms.gov/files/document/medicaid-ncci-technical-guidance-manual-03152024.pdf>), they explain that:

*“In a risk-based managed-care arrangement, the state Medicaid agency pays an MCO a **monthly prepaid amount** for each Medicaid enrollee, which covers all or most Medicaid-covered services provided to each enrollee. The MCO may reimburse those who provide covered services to the Medicaid enrollees on an FFS, contract, sub-capitated, or other bundled/global payment basis.”*

*The **prepaid amount** can be used by both Health Maintenance Organizations (HMOs) and Managed Care Organizations (MCOs), where a fixed, upfront fee is paid on a monthly or annual basis. This prepaid amount covers a comprehensive range of healthcare services defined in the member's contract, without requiring significant additional payment at the time of service. The focus is on controlling cost and **ensuring the use of annual (routine) preventive healthcare**, encouraging members to use their prepaid services without the worry of high medical bills for individual visits or treatments.*

The prepaid amount allows for more predictable healthcare costs for carriers and members. In exchange, members typically agree to receive care exclusively from providers within the HMO's and MCO's network, except in emergencies, and they often need a referral from their primary care physician to see specialists. The goal is to manage healthcare costs more effectively while providing accessible, coordinated care to members.

Again, see CMS Technical Guidance Manual for additional details.

Provider Details

Question: Before applying for the MA APCD, we wanted to determine if the medical claims LDS table included fields to determine the provider who rendered medical care and the provider location.



Answer: The data elements **MC134 Plan Rendering Provider** and **MC135 Provider Location** are included in the medical claims LDS table. Insurance carriers use these elements to describe precisely who performed the services on the patient and where the service was rendered

- ❖ *The intent of MC134 – Plan Rendering Provider is to capture the details of the individual that performed the service on the patient or for the patient (lab technician, supply delivery, etc.).*
- ❖ *The intent of MC135 – Provider Location is to capture the details of the site where the Plan Rendering Provider delivered those services (Office, Hospital, etc.)*

Where can I find past User Workgroup Presentations?

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

CHIA Data User Workgroup Meeting Presentations

2023 Schedule and Presentations	
Tuesday, January 25, 2023 <ul style="list-style-type: none">• Presentation (PDF) PPT	Tuesday, February 28, 2023 <ul style="list-style-type: none">• Presentation (PDF) PPT
Tuesday, March 28, 2023 <ul style="list-style-type: none">• Presentation (PDF) PPT	Tuesday, April 25, 2023 <ul style="list-style-type: none">• Presentation (PDF) PPT
Tuesday, July 25, 2023 <ul style="list-style-type: none">• Presentation (PDF) PPT	Tuesday, December 5, 2023 <ul style="list-style-type: none">• Presentation (PDF) PPT

- [See archive of previous presentations](#)

USER SUPPORT MATERIALS

Linking Claims Data to Member Eligibility ZIP Code Data (March 2023)

- [Claims Linkage to ME One ZIP Code per Year Table \(PDF\)](#) | [PPT](#)

User Support MA APCD Slides

- [Ambulatory Surgery Centers - May 2021 \(PDF\)](#) | [PPT](#)
- [Trauma Centers - May 2021 \(PDF\)](#) | [PPT](#)
- [Medicare - March 2021 \(PDF\)](#) | [PPT](#)

When is the next User Group meeting?

- The next User Group will meet Tuesday April 23, 2024.
- <http://www.chiamass.gov/ma-apcd-and-case-mix-user-workgroup-information/>

Resultant Research Using CHIA Data

- <https://www.chiamass.gov/resultant-research-using-chia-data>



[CHIA Data](#) » [Resultant Research Using CHIA Data](#)

Resultant Research Using the MA APCD and CHIA's Case Mix Data

The table below contains a sample of external research publications using CHIA's MA APCD and Case Mix data (by year of publication). Case Mix specific research is highlighted in gray. If you have questions please email apcd.data@state.ma.us and/or casemix.data@state.ma.us.

Questions?

- Questions related to MA APCD:
apcd.data@chiamass.gov
- Questions related to Case Mix:
casemix.data@chiamass.gov

REMINDER

CHIA still receives a high volume of email from data users who do not include their IRBNet ID. If you are in the process of or have already submitted a data application to CHIA through IRBNet <https://www.irbnet.org/release/home.html>, due to the volume of email CHIA receives, please remember to always include your IRBNET ID# in the subject line of your email. Doing so facilitates tracking your application and expediting responses to any questions.