

Massachusetts Case Mix

Hospital Inpatient Discharge Data (HIDD)

Fiscal Year 2025

User Guide



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Executive Summary

Each quarter, Massachusetts health care facilities provide the Center for Health Information and Analysis (CHIA) with data collected from acute care hospitals. The Fiscal Year (FY) 2025 Hospital Inpatient Discharge Database (HIDD) includes inpatient discharges that occurred in Massachusetts between October 1, 2024 and September 30, 2025. During this time, acute care hospitals reported a total of 768,028 discharges.

The FY 2025 HIDD User Guide provides general information about data collection and processing, an overview of database organization and enhancements, general data use guidance, and a data dictionary.

For recent hospital-specific updates, please consult the FY 25 HIDD Release Notes available on [CHIA's website](#).¹

¹ <https://www.chiamass.gov/databases/case-mix-databases/>

Data Collection and Processing

Acute care hospitals in Massachusetts are required to submit inpatient discharge data to CHIA under the following regulations, which are available on [CHIA's website](#).²

- 957 CMR 8.00, APCD and Case Mix Data Submission

Hospitals submit preliminary inpatient discharge data to CHIA on the last day of the month following the end of each quarter. Complete inpatient discharge data is due within 75 days of the end of the quarter.

Quarterly reporting intervals for the FY 2025 HIDD are:

- Quarter 1: October 1, 2024 – December 31, 2024
- Quarter 2: January 1, 2025 – March 31, 2025
- Quarter 3: April 1, 2025 – June 30, 2025
- Quarter 4: July 1, 2025 – September 30, 2025

CHIA reviews each hospital's quarterly data for compliance with a one percent error rate threshold. CHIA checks each inpatient discharge record for valid codes, correct formatting, and the presence of required data elements. If errors are identified in one percent or more of the discharges in a quarterly submission, CHIA rejects the submission, and the reporting hospital must resubmit the data until it meets the compliance threshold.

Verification Process

Every six months, CHIA sends each hospital a profile report of their discharge data to maintain and improve the quality of their submissions. The Verification Report process gives hospitals the opportunity to review the data they have provided to CHIA and affirm accuracy and completeness.

CHIA asks each hospital to review and verify the data contained within the report. Each Verification Report has a series of frequency tables for selected data elements that include, but are not limited to, the number of discharges per month and breakouts by admission type, admission source, patient race, and patient status.

Hospitals must affirm that reported data is accurate and complete or identify any discrepancies on the year-end verification cycle. Hospitals certify the accuracy and completeness of their data by completing a Verification Report Response form. CHIA accepts two response types from hospitals:

² <https://www.chiamass.gov/about-the-agency/regulations-standards/regulations/>

-
- A. A hospital indicates its agreement that the data appearing on the Verification Report is accurate and that it represents the hospital's case mix profile.
 - B. A hospital indicates that the data on the report is accurate except for the discrepancies noted. If any data discrepancies exist, CHIA requests that hospitals provide written explanations of the discrepancies.

Users interested in the FY 2025 HIDD Verification Reports should contact CHIA at CaseMix.data@chiamass.gov. Please indicate the fiscal year of the Verification Report, the data set name, and if the information is needed for a specific hospital or set of hospitals.

Data Limitations

The HIDD is derived from patient discharge summaries, which can be traced to information entered into the medical record by admitting and attending health professionals. The quality of the HIDD is dependent upon facility data collection policies and coding practices of the medical record staff.

Information may not be consistent from hospital to hospital due to differences in:

- Collection and verification of patient-supplied information before or at admission;
- Updates to information following forensic autopsies;
- Medical record coding, consistency, and/or completeness;
- Extent of facility data processing capabilities;
- Flexibility of facility data processing systems;
- Capacity of facility financial processing systems to record late-occurring charges on CHIA's electronic submissions; or
- Non-comparability of data collection and reporting.

Database Organization and Enhancements

Files and Linking

The FY 2025 Case Mix HIDD consists of ASCII text files with a suffix indicating the table contained in the file and whether it belongs to a Limited Data Set (LDS) or Government (GOV) data set.

Many users import the data into SQL, STATA™, SPSS™, SAS™, or R for analysis or data management. To accommodate the one-to-many relationship between the main discharge table and other tables, the `RecordType20ID` element is a unique identifier that can link the main Discharge table to the Diagnosis, Grouper, Procedure, and Service tables. The `OrgID` element in the Organization table can be linked to columns on the Discharge table that contain organization identifiers (`IDOrgFiler`, `IDOrgSite`, `IDOrgHosp`, and `IDOrgTransfer`).

- **FIPA_HDD_2025_Discharge_** contains one record per inpatient discharge. The unique identifier on this table is `RecordType20ID`.
- **FIPA_HDD_2025_DiagnosisCode_** contains one record per diagnosis for each inpatient visit. The Discharge table has a one-to-many relationship with this table when linking with `RecordType20ID`.
- **FIPA_EDD_2025_MEID_Mapping_** contains one record per unique combination of `IDOrgFiler` and `RecordType20ID`. This file is only provided for recipients who also receive LDS elements with Unique Health Information Numbers (UHINs). CHIA creates a unique Master Enterprise Identifier (MEID), `MemberMDMID`, for each distinct patient within the case mix data. Each `MemberMDMID` value corresponds to a set of combinations of `IDOrgFiler` and `RecordType20ID`, as mapped in this file. `MemberMDMID` provides a way to identify unique patients without using personally identifying information and enables the tracking of patients over time and across sites of care.
- **FIPA_HDD_2025_ProcedureCode_** contains one record per procedure for each inpatient visit. The Discharge table has a one-to-many relationship with this table when linking with `RecordType20ID`.
- **FIPA_HDD_2025_Service_** contains one record per revenue code service for each inpatient visit. The Discharge table has a one-to-many relationship with this table when linking with `RecordType20ID`.
- **FIPA_HDD_2025_Organization_** contains one record per organization. Use this table to look up facility names and affiliations. The Discharge table has a many-to-one relationship with this table when linking with appropriate `OrgID` (`IDOrgFiler`, `IDOrgHosp`, `IDOrgSite`, or `IDOrgTransfer`).

- **FIPA_HDD_2025_SubmissionLog_** contains one record per quarter for each of the inpatient facilities filing data. The Discharge table has a many-to-one relationship with this table when linking with `IDOrgFiler`.
- **Diagnosis-Related Groupers (DRGs):** FIPA_HDD_2025_APR340, FIPA_HDD_2025_APR360, FIPA_HDD_2025_APR380, FIPA_HDD_2025_APR390, FIPA_HDD_2025_APR400, and FIPA_HDD_2025_CMS420 contain grouper data. Each of the DRG versions is released as a separate table. The Discharge table has a one-to-one relationship with each DRG table when linking with `RecordType20ID`.

The FY 2025 HIDD does not contain the **ErrorLog** file that has been available in previous releases. If you find an issue in the data that could be the result of a submission error, please contact CaseMix.data@chiamass.gov.

Organization Identifiers

CHIA assigns a unique organization identifier (`OrgID`) to each Massachusetts facility. The FY 2025 HIDD contains four elements that use this identifier:

- **Massachusetts Filer Organization ID (`IDOrgFiler`):** `OrgID` for the facility that submitted the inpatient discharge data to CHIA.
- **Massachusetts Site Organization ID (`IDOrgSite`):** `OrgID` for the site where the patient received inpatient care.
- **Massachusetts Hospital Organization ID (`IDOrgHosp`):** `OrgID` for the main hospital affiliation where the patient received inpatient care. In many cases, `IDOrgSite` and `IDOrgHosp` are the same. In other cases, however, multiple `IDOrgSite` values are associated with a single `IDOrgHosp`. This may happen when a single hospital has multiple campuses (sites). For example, 3115 (UMass Memorial Medical Center) is the `IDOrgHosp` for `IDOrgSite` 131 (UMass Memorial Medical Center - University Campus).
- **Massachusetts Transfer Hospital Organization ID (`IDOrgTransfer`):** `OrgID` for the facility from which a patient is transferred. The `IDOrgTransfer` value is “9999999” if the patient is transferred from outside of Massachusetts.

Groupers

For data user convenience, CHIA performs data grouping using the 3M™ All-Patient Refined Diagnosis Related Group (APR-DRG) grouper and the Centers for Medicare and Medicaid Services (CMS) grouper. The 3M APR-DRG classifies patients into diagnostic groups based on severity of illness and risk of mortality to provide an accurate means of adjusting for hospital case mix differences while evaluating inpatient care across all hospitals. For the FY 2025 HIDD, CHIA has grouped data according to APR-DRG versions 34.0, 36.0, 38.0, 39.0, 40.0, and CMS version 42.0.

For APR-DRG versions 34.0, 36.0, 38.0, 39.0, and 40.0, DRG, MDC, ROM, and SOI are generated for both admission and discharge. For CMS DRG version 42.0, only discharge DRG and MDC are generated.

- The **Diagnosis Related Group (DRG)** categorizes patients with clinically similar medical diagnoses, severity of illness, and risk of mortality to relate a hospital's case mix to the resource demands and costs experienced by the hospital.
- The **Major Diagnostic Categories (MDC)** within each DRG version parse the DRGs into 25 mutually exclusive categories based on the primary reason for admission. Each category relates to a physical system, disease, or contributing health factor.
- **Risk of Mortality (ROM)** is a clinical severity measure that estimates the likelihood that a patient will die, given the patient's underlying condition at admission (admission ROM) and at discharge (discharge ROM). The ROM subclass data elements can be found in the ROM lookup table. In the APR-DRG system, a patient is assigned four distinct risk adjustment descriptors for ROM, numbered sequentially from 1 to 4 (minor, moderate, major, extreme). To evaluate patient mortality, use the 3M™ APR-DRGs in conjunction with the ROM subclass.
- **Severity of Illness (SOI)** is a clinical measure of how sick a patient is and how much care they will require, given the patient's underlying condition at admission (admission SOI) and at discharge (discharge SOI). The SOI subclass data elements can be found in the SOI lookup table. Like ROM, SOI is measured on a scale from 1 to 4 (minor, moderate, major, extreme) in the APR-DRG system. To evaluate resource use or establish patient care guidelines, use the 3M™ APR-DRGs in conjunction with the SOI subclass.

Note: The 3M™ All Patient Refined DRG Software and its logic are proprietary to 3M Company and are subject to the terms and conditions of the software licensing agreement between 3M and the Center for Health Information and Analysis. By contrast, the CMS DRGs maintained by the Centers for Medicare & Medicaid Services (CMS) are non-proprietary and distinct from the 3M™ All Patient Refined DRG.

Diagnosis and Procedure Code Organization

CHIA organizes the diagnosis and procedure elements into three tables: Discharge, Diagnosis, and Procedure. The Discharge table contains the principal ICD-10-CM diagnosis code on the medical record in the `PrimaryDiagnosisCode` element and the principal ICD-10-PCS procedure code on the medical record in the `PrincipalProcedureCode` element. Note that the primary diagnosis code cannot be an ICD-10-CM external cause code (V00–V99); external cause codes are instead housed in the `ECode` element. All admitting, discharge, and secondary diagnosis codes are contained in the Diagnosis table. All other significant procedures besides the principal procedure are contained in the Procedure table.

In the Diagnosis and Procedure tables, the `Indicator` and `AssociatedIndicator` elements designate the type of code and the order in which those codes were sent to CHIA. On the Diagnosis table, the `Indicator` element is set to “A” for admitting diagnoses, “D” for discharge

diagnoses, and “S” for all other diagnosis codes, designating secondary diagnosis. In the `AssociatedIndicator` element, the admitting and discharge diagnoses have a code of “0” and secondary diagnoses have sequential numeric codes based on the order in which they were submitted to CHIA.

In the Procedure table, the `Indicator` element is always set to “S”, designating secondary procedure. The `AssociatedIndicator` element is set to “1” for the first secondary procedure submitted and increments up by one for each subsequent code.

Diagnoses and procedures are ordered as submitted; CHIA does not require the order of diagnoses and procedures to be medically relevant. CHIA does not affirm or confirm the medical relevance of the principal diagnosis, procedure, or external cause codes reported in discharge data.

Inpatient Discharges that Began with Emergency Department Visits or Outpatient Observation Unit Stays

Any emergency department (ED) visit or outpatient observation stay that resulted in an inpatient discharge appears in the FY 2025 HIDD but **does not appear** in the FY 2025 Emergency Department Database or the FY 2025 Outpatient Observation Database.

Discharges that began as an ED visit have an `EDFlagCode` value of 2. If there is evidence of an ED visit in the data, such as `EDFlagCode` = 2, `AdmissionSourceCode1` or `AdmissionSourceCode2` = R (“Within Hospital ER Transfer”), or `RevenueCode` = 045X (Emergency Department Services) in the Service table, CHIA requests that providers report ED boarding information in the following five elements:

- `NumberOfHoursInED`
- `EmergencyDepartmentRegistrationDate`
- `EmergencyDepartmentRegistrationTime`
- `EmergencyDepartmentDischargeDate`
- `EmergencyDepartmentDischargeTime`

Discharges that began in an outpatient observation stay have `OutpatntObsrvStayFlagCode` value of Y.

Limited Data Set (LDS)

The pre-configured Limited Data Set (LDS) is designed to protect patient data confidentiality while ensuring analytic utility. All approved data applicants receive the core data elements. Data applicants seeking approval to add to the core elements must indicate this by selecting from the list of buy-ups. An applicant can use the buy-up process to receive more granular data. For example, the applicant can request a buy-up to a 5-digit patient ZIP code instead of a 3-digit patient ZIP code. CHIA must review buy-up requests and may approve the request based on

the project description. CHIA makes an additional set of elements available only to government applicants. Government data applicants must specifically identify requested government-only elements in their application and provide justification for their request.

LDS Age Calculation

If the `PatientBirthDate` and `AdmissionDate` are valid, CHIA calculates `AgeLDS` in years using the following logic.

- `Age = DischargeDate - PatientBirthDate`, rounded to the nearest integer
- If `Age` is valid and `< 1 year`, then `AgeLDS = 0`
- If `Age` is valid and `> 0 and < 90 years`, then `AgeLDS = Age`
- If `Age` is valid and `> 89 and <= 115`, then `AgeLDS = 999`
- If `Age` is missing, negative, or `> 115`, then `AgeLDS = null`

Use discretion when the `AgeLDS` calculation seems questionable.

MDM ID Sequence Number Calculation

CHIA's derived UHIN Sequence Number (`UHIN_SequenceNo`) calculates the chronological order of inpatient discharges for a patient with multiple discharges in a single fiscal year, using that patient's Unique Health Information Number (UHIN). The calculation below derives a similar sequence number (`MDMIDdischarge_sequence`) using that patient's Master Enterprise Identifier (MEID) (`MemberMDMID`).

Please note:

- This code uses CHIA's default file names for the HIDD Discharge table and MEID table. Rename database, schema, and table names according to your own system.
- To exclude records that do not have an MEID, change LEFT JOIN to INNER JOIN.
- This code applies if you have imported `DischargeDate` as text. If you have transformed `DischargeDate` into a date data type, simply order by `DischargeDate`.

```
SELECT
    d.RecordType20ID,
    d.DischargeDate,
    m.MemberMDMID,
    CASE
        WHEN NULLIF(LTRIM(RTRIM(m.MemberMDMID)), '') IS NULL
            OR NULLIF(LTRIM(RTRIM(d.DischargeDate)), '') IS NULL
        THEN 0
        ELSE ROW_NUMBER() OVER (
            PARTITION BY m.MemberMDMID
            ORDER BY
```

```

        SUBSTRING(d.DischargeDate, 5, 4) +
        SUBSTRING(d.DischargeDate, 1, 2) +
        SUBSTRING(d.DischargeDate, 3, 2)
    )
    END AS MDMIDdischarge_sequence
FROM [HIDDReleaseFY2025].[dbo].[FIPA_HDD_2025_Discharge_Full_L167]
    AS d
LEFT JOIN [HIDDReleaseFY2025].[dbo].[FIPA_HDD_2025_MEID_Mapping]
    AS m
ON m.RecordType20ID = d.RecordType20ID;

```

Historical Data Elements

Users of multiple years of the HIDD should exercise caution when merging multiple years of data. To maintain consistency across years, it may be necessary to merge some codes used for specific data elements. For example, the transition from ICD-9-CM to ICD-10-CM/PCS, affecting procedure and diagnosis codes, began in FY 2015 (October 2015). Users with questions about new data elements or changes in coding from year to year should contact CHIA at CaseMix.data@chiamass.gov.

Master Data Elements by Table

For the FY 2025 HIDD, CHIA provides a master data elements list by table. Not every approved data applicant has access to every data element; some are reserved for limited data set buy-ups or for approved government use. All approved data applicants have access to the “CORE” data. Data applicants who choose limited data set buy-ups may receive access to some “LDS” elements. Only government data applicants may have access to the “GOV” elements. Data applicants interested in purchasing the data should visit the CHIA website for instructions.

Discharge Table – Core Elements

Core Discharge Elements Column 1	Core Discharge Elements Column 2	Core Discharge Elements Column 3
AdmissionDayOfWeek	IdOrgTransfer	PrimaryConditionPresent
AdmissionSourceCode1-2	LeaveOfAbsenceDays	PrimaryDiagnosisCode
AdmissionType	LengthOfStay	PrimaryPayerType
AdmissionYear	NewBornAge	PrincipalPreoperativeDays
AgeLDS	NumberOfANDs	PrincipalProcedureCode
Birthweight	NumberOfDiagnosisCodes	Quarter
ConditionPresentECode	NumberOfHoursInED	RecordType20ID
DaysBetweenStays	NumberOfProcedureCodes	SecondaryPayerType
DischargeDayOfWeek	OtherCareGiverCode	SpecialConditionIndicator
DischargePassed	OutpatntObsrvStayFlagCode	SubmissionControlID
DischargeYear	PatientSexAtBirthLDS	SubmissionPassedFlag
Ecode	PatientStatus	TemporaryPatientStateLDS
EDFlagCode	PayerCode1-2	TemporaryPatientZip3CodeLDS
HispanicIndicator	PeriodEndingYear	otalChargesAll
HomelessIndicator	PeriodStartingYear	TotalChargesAncillaries
ICDIndicator	PermanentPatientCountryLDS	TotalChargesRoutine
IdOrgFiler	PermanentPatientState	TotalChargesSpecial
IdOrgHosp	PermanentPatientZIP3Code	Year
IdOrgSite	N/A	N/A

Discharge Table – LDS Elements

Data Elements Column 1	Data Elements Column 2	Data Elements Column 3
AdmissionDate	MothersUHIN	PermanentPatientCityLDS
AdmissionMonth	LegCHIAAttendingPhysicianNumber	PermanentPatientZIP5CodeLDS
AttendingPhysicianNumber	LegCHIAOperatingPhysicianP	PrincipalProcedureDate
DischargeDate	LegCHIAOperatingPhysicianP1-14	PrincipalProcedureMonth
DischargeMonth	OperatingPhysicianPrincipal	Race1-2
EDDisDate	OperatingPhysicianSignificant1-14	TemporaryPatientCityLDS
EDDisMonth	PeriodEndingDate	TemporaryPatientZip5CodeLDS
EDRegDate	PeriodEndingMonth	UHIN
EDRegMonth	PeriodStartingDate	UHIN_SequenceNo
Ethnicity1-2	PeriodStartingMonth	N/A

Discharge Table – Government-Only Elements

Data Elements Column 1	Data Elements Column 2
DNRStatus	HospitalBillNo
EDDisTime	MedicaidMemberID
EDDisTimeHH	MedicalRecordNumber
EDDisTimeMM	MotherMedicalRecordNumber
EDRegTime	OtherEthnicity
EDRegTimeHH	OtherRace
EDRegTimeMM	PatientBirthDate
EmployerZipCode5	VeteransStatus

Diagnosis Table – Core Elements

Data Elements Column 1

AssociatedIndicator
ConditionPresent
DiagnosisCode
Indicator
RecordType20ID

Procedure Table – Core Elements

Data Elements Column 1

AssociatedIndicator
Indicator
PreOperativeDays
ProcedureCode
RecordType20ID

Service Table – Core Elements

Data Elements Column 1	Data Elements Column 2
Quarter	TypeOfService
RecordType20ID	UnitsofService
RevenueCode	Year
TotalCharges	N/A

Grouper Tables – Core Elements

Data Elements Column 1	Data Elements Column 2	Data Element Column 3
APR340_ADM_RCD	APR340_ADM_DRG	APR340_ADM_MDC
APR340_DIS_DRG	APR340_ADM_ROM	APR340_ADM_SOI
APR340_DIS_ROM	APR340_DIS_MDC	APR340_DIS_RCD
APR360_ADM_MDC	APR340_DIS_SOI	APR360_ADM_DRG
APR360_ADM_SOI	APR360_ADM_RCD	APR360_ADM_ROM
APR360_DIS_RCD	APR360_DIS_DRG	APR360_DIS_MDC
APR380_ADM_DRG	APR360_DIS_ROM	APR360_DIS_SOI
APR380_ADM_ROM	APR380_ADM_MDC	APR380_ADM_RCD
APR380_DIS_MDC	APR380_ADM_SOI	APR380_DIS_DRG
APR380_DIS_SOI	APR380_DIS_RCD	APR380_DIS_ROM
APR390_ADM_RCD	APR390_ADM_DRG	APR390_ADM_MDC
APR390_DIS_DRG	APR390_ADM_ROM	APR390_ADM_SOI
APR390_DIS_ROM	APR390_DIS_MDC	APR390_DIS_RCD
APR400_ADM_MDC	APR390_DIS_SOI	APR400_ADM_DRG
APR400_ADM_SOI	APR400_ADM_RCD	APR400_ADM_ROM
APR400_DIS_RCD	APR400_DIS_DRG	APR400_DIS_MDC
CMS420_DIS_DRG	APR400_DIS_ROM	APR400_DIS_SOI
CMS420_DIS_MDC	N/A	N/A

Note: Above are standard DRG elements. Depending on the type/version, some elements may be null or blank if not used in that particular type/version.

Organization Table

This table contains 1 record for every valid IDOrgSite reported in the HIDD. It lists the 64 organizations submitting inpatient discharge data in FY 2025.

Site OrgID	Organization Name	FY 2025 Discharge Volume
1	Anna Jaques Hospital	4,881
2	Athol Memorial Hospital	534
4	Baystate Medical Center	44,676
5	Baystate Franklin Medical Center	4,868
7	Berkshire Medical Center - Berkshire Campus	11,786
8	Fairview Hospital	806
10	Beth Israel Deaconess Medical Center - East Campus	38,708
16	Boston Medical Center - Menino Pavilion Campus	26,797
22	Brigham and Women's Hospital	50,331
25	Signature Healthcare Brockton Hospital	9,740
27	Cambridge Health Alliance	11,482
39	Cape Cod Hospital	17,747
40	Falmouth Hospital	5,253
46	Boston Children's Hospital	14,992
49	MetroWest Medical Center - Framingham Campus	7,895
50	Cooley Dickinson Hospital	6,479
51	Dana-Farber Cancer Institute	1,267
53	Beth Israel Deaconess Hospital – Needham	4,878
57	Emerson Hospital	9,838
59	Brigham and Women's Faulkner Hospital	9,666
62	Steward Good Samaritan Medical Center - Brockton Campus	11,502
66	Lawrence Memorial Hospital Campus - Melrose Wakefield Healthcare	347
68	Harrington Memorial Hospital	4,580
71	HealthAlliance – Leominster Campus	7,871
73	Heywood Hospital	4,179
75	Steward Holy Family Hospital	7,787

Site OrgID	Organization Name	FY 2025 Discharge Volume
77	Holyoke Medical Center	7,626
79	Beth Israel Deaconess Hospital – Plymouth (Jordan)	13,064
81	Lahey Hospital & Medical Center, Burlington	22,339
83	Lawrence General Hospital	12,058
85	Lowell General Hospital – Main Campus	16,314
88	Martha's Vineyard Hospital	1,372
89	Massachusetts Eye and Ear Infirmary	1,545
91	Massachusetts General Hospital	50,112
97	Milford Regional Medical Center	9,754
98	Beth Israel Deaconess Hospital - Milton	6,552
99	Morton Hospital	5,986
100	Mount Auburn Hospital	11,871
101	Nantucket Cottage Hospital	612
103	New England Baptist Hospital	2,489
104	Tufts Medical Center- New England	17,939
105	Newton-Wellesley Hospital	23,548
106	Baystate Noble Hospital	3,293
109	Lahey Health - Addison Gilbert Hospital	1,856
110	Lahey Health - Beverly Hospital	16,912
114	Steward Saint Anne's Hospital	8,350
115	Lowell General Hospital - Saints Campus	3,431
116	North Shore Medical Center - Salem Campus	21,662
119	Mercy Medical Center - Springfield Campus	8,982
122	South Shore Hospital	33,449
123	Southcoast Hospitals Group - Charlton Memorial Campus	14,682
124	Southcoast Hospitals Group - St. Luke's Campus	17,340
126	Steward - St. Elizabeth's Medical Center	9,373
127	Saint Vincent Hospital	15,062
129	Sturdy Memorial Hospital	8,166
131	UMass Memorial Medical Center - University Campus	45,481

Site OrgID	Organization Name	FY 2025 Discharge Volume
133	Marlborough Hospital	3,509
138	Winchester Hospital	14,849
139	Baystate Wing Campus	3,653
141	MelroseWakefield Hospital Campus - MelroseWakefield Healthcare	9,508
145	Southcoast Hospitals Group – Tobey Hospital Campus	3,368
6963	Shriners Hospitals for Children Boston	53
11466	Holy Family Hospital at Merrimack Valley, A Steward Family Hospital, Inc.	1,225
21965	North Adams Regional Hospital	483

Data Dictionary

This section provides the following metadata for each element:

- Data Element Name as it appears in the file
- Short Description
- Primary Table(s): the main table(s)/file(s) in which the element appears
- Linking Table(s): other table(s) in which the element appears
- Release Level: indicates if the element is available to all users (“CORE”), a buy-up (“LDS”), or available only to government (“GOV”)
- Data Type: Bigint, Char, Datetime, Decimal, Integer, Money, Numeric, Varbinary, or Varchar
- Format: Categorical, Continuous, Date/Time, Identifier, Ordinal, or Open Text, with additional formatting details as relevant
- Length of element
- CHIA-Derived: indicates if CHIA created the element
- Description: longer explanation of the element and its limitations
- Reference Table: indicates if the data element has set of valid values that are associated with other information. Refer to the Longer Reference Tables section at the end of this guide for specific reference tables.

For more specific questions about HIDD data elements, contact CHIA at

CaseMix.data@chiamass.gov. If applicable, include the related Application ID, name of Principal Investigator, and extract number. Please keep questions brief to improve response time.

Active

Short Description:	CHIA processing element
Primary Table:	SubmissionLog
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	Yes
Description:	CHIA-derived element that indicates status of the associated quarterly submission. In user files, this element will always have a value of "Y" (Yes).

AdmissionDate

Short Description:	Patient admission date
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Date (MMDDYYYY)
Length:	8
CHIA-Derived:	No
Description:	Calendar date on which patient was admitted to the hospital as an inpatient for this episode of care.

AdmissionDayOfWeek

Short Description:	Weekday of patient admission date
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	3
CHIA-Derived:	No
Description:	Weekday on which patient was admitted to the hospital as an inpatient for this episode of care. Values are abbreviated days of the week (Mon, Tue, Wed, Thu, Fri, Sat, Sun).

AdmissionMonth

Short Description:	Month of patient admission date
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Date (YYYYMM)
Length:	6
CHIA-Derived:	Yes
Description:	Month in which patient was admitted to the hospital as an inpatient for this episode of care, derived by CHIA from AdmissionDate.

AdmissionSourceCode1, AdmissionSourceCode2

Short Description:	Source of patient admission
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	Code indicating whether the patient admission originated at this hospital or was transferred from another hospital. Also includes codes for various referral sources. Reporting patterns for this element can vary widely.
Reference Table:	Table 1a. Admission Source

AdmissionType

Short Description:	Admission status
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	Standardized category of the patient's status upon admission to the hospital, using the following codes. Please note that Code 6 was added in FY 2025.
Reference Table:	Codes correspond to descriptions as follows: • 1: Emergency • 2: Urgent • 3: Elective • 4: Newborn • 5: Information Unavailable • 6: Trauma

AdmissionYear

Short Description:	Year of patient admission date
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Date (YYYY)
Length:	4
CHIA-Derived:	Yes
Description:	Year in which patient was admitted to the hospital as an inpatient for this episode of care, derived by CHIA from AdmissionDate.

ADM_DRG (APR340, APR360, APR380, APR390, APR400)

Short Description:	Admitting diagnosis-related group
Primary Tables:	Grouper – APR 340, Grouper – APR 360, Grouper – APR 380, Grouper – APR 390, Grouper – APR 400
Release Level:	CORE
Data Type:	Nvarchar
Format:	Categorical
Length:	3
CHIA-Derived:	Yes
Description:	The standard diagnosis-related group (DRG) based on admission diagnoses.
Reference Table:	Standard 3M Grouper Values

ADM_MDC (APR340, APR360, APR380, APR390, APR400)

Short Description:	Admitting major diagnostic category
Primary Tables:	Grouper – APR 340, Grouper – APR 360, Grouper – APR 380, Grouper – APR 390, Grouper – APR 400
Release Level:	CORE
Data Type:	Nvarchar
Format:	Categorical
Length:	2
CHIA-Derived:	Yes
Description:	The major diagnostic category (MDC) at admission based on admission diagnoses and procedures.
Reference Table:	Standard 3M Grouper Values

ADM_RCD (APR340, APR360, APR380, APR390, APR400)

Short Description:	Null grouper element
Primary Tables:	Grouper – APR 340, Grouper – APR 360, Grouper – APR 380, Grouper APR 390, Grouper – APR 400
Release Level:	CORE
Data Type:	Nvarchar
Format:	Categorical
Length:	2
CHIA-Derived:	Yes
Description:	The Return Code Clinical (RCD) of the admission diagnosis-related grouper (DRG) records. A value of “00” indicates a valid DRG record.
Reference Table:	Standard 3M Grouper Values

ADM_ROM (APR340, APR360, APR380, APR390, APR400)

Short Description:	Admitting risk of mortality
Primary Tables:	Grouper – APR 340, Grouper 360, Grouper – APR 380, Grouper – APR 390, Grouper – APR 400
Release Level:	CORE
Data Type:	Categorical
Format:	Nvarchar
Length:	1
CHIA-Derived:	Yes
Description:	The patient’s risk of mortality (ROM) at admission based on admitting diagnoses and procedures. ROM classifies the patient into a standard category of clinical risk using “1” (minor), “2” (moderate), “3” (major), and “4” (extreme).
Reference Table:	Standard 3M Grouper Values

ADM_SOI (APR340, APR360, APR380, APR390, APR400)

Short Description:	Admitting severity of illness
Primary Tables:	Grouper – APR 340, Grouper - APR 360, Grouper – APR 380, Grouper – APR 390, Grouper – APR 400
Release Level:	CORE
Data Type:	Categorical
Format:	Nvarchar
Length:	1
CHIA-Derived:	Yes
Description:	The patient’s severity of illness (SOI) at admission based on admitting diagnoses and procedures. SOI classifies the patient into a standard category of illness severity using “1” (minor), “2” (moderate), “3” (major), and “4” (extreme).
Reference Table:	Standard 3M Grouper Values

AgeLDS

Short Description:	Patient age
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Continuous
Length:	3
CHIA-Derived:	Yes
Description:	Age of the patient as calculated by CHIA using PatientBirthDate and AdmissionDate. AgeLDS is rounded up to the nearest integer. The value is “0” when patient is younger than 1 year of age. The value is “999” when patient is older than 89 years of age. Discretion should be used whenever a questionable age assignment is noted.

AssociatedIndicator (Diagnosis)

Short Description:	Order in which diagnosis code was submitted to CHIA
Primary Table:	Diagnosis
Release Level:	CORE
Data Type:	Integer
Format:	Continuous
Length:	10
CHIA-Derived:	No
Description:	Order in which a given diagnosis code was submitted to CHIA relative to other diagnosis codes in the visit record.

AssociatedIndicator (Procedure)

Short Description:	Order in which procedure code was submitted to CHIA
Primary Table:	Procedure
Release Level:	CORE
Data Type:	Integer
Format:	Continuous
Length:	10
CHIA-Derived:	No
Description:	Order in which a given procedure code was submitted to CHIA relative to other procedure codes in the visit record.

AttendingPhysicianNumber

Short Description:	Unique identifier of the attending physician
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Identifier
Length:	25
CHIA-Derived:	No
Description:	Massachusetts Board of Registration in Medicine (BORIM) license number of the lead physician supervising the care of the patient.
Reference Table:	Massachusetts Board of Registration in Medicine license numbers

Birthweight

Short Description:	Newborn birth weight
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Continuous
Length:	4
CHIA-Derived:	No
Description:	The weight of the newborn recorded in grams. Present if the type of admission is “newborn” (AdmissionType = 4).

City

Short Description:	Municipality of facility
Primary Table:	Organization
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	100
CHIA-Derived:	No
Description:	Name of the municipality in which the inpatient facility is located.

CMS420_DIS_DRG

Short Description:	Discharge diagnosis-related group
Primary Table:	Grouper – CMS 420
Release Level:	CORE
Data Type:	Nvarchar
Format:	Categorical
Length:	3
CHIA-Derived:	Yes
Description:	The standard diagnosis-related group (DRG) at discharge based on discharge diagnoses.
Reference Table:	Centers for Medicare and Medicaid ICD-10-CM/PCS MS-DRG v41.0 Definitions Manual ³

CMS420_DIS_MDC

Short Description:	Discharge major diagnostic category
Primary Table:	Grouper – CMS
Release Level:	CORE
Data Type:	Nvarchar
Format:	Categorical
Length:	2
CHIA-Derived:	Yes
Description:	The major diagnostic category (MDC) at discharge based on discharge diagnoses and procedures.
Reference Table:	Centers for Medicare and Medicaid ICD-10-CM/PCS MS-DRG v41.0 Definitions Manual ⁴

ConditionPresent

Short Description:	Flags whether the diagnosis was present on admission
Primary Table:	Diagnosis
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	Indicates whether the onset of a diagnosis preceded or was followed by admission. There is a Present on Admission (POA) indicator for every diagnosis and external cause code.
Reference Table:	Table 2. Condition Present

³ https://www.cms.gov/icd10m/FY2024-nprmversion41.0-fullcode-cms/fullcode_cms/P0001.html

⁴ https://www.cms.gov/icd10m/FY2024-nprmversion41.0-fullcode-cms/fullcode_cms/P0001.html

ConditionPresentECode

Short Description:	Flags whether the external cause code was present on admission
Primary Table:	Diagnosis
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	Indicates whether the external cause code preceded or was followed by admission. There is a Present on Admission (POA) indicator for every diagnosis and external cause code.
Reference Table:	Table 2. Condition Present

DateInactive

Short Description:	Date facility became inactive
Primary Table:	Organization
Release Level:	CORE
Data Type:	Datetime
Format:	Date/Time (YYYY-MM-DD HH:MM:SS.SSS)
Length:	23
CHIA-Derived:	Yes
Description:	Date on which the facility became inactive as an inpatient unit, if applicable.

DaysBetweenStays

Short Description:	Count of days between admissions
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Continuous
Length:	4
CHIA-Derived:	Yes
Description:	This CHIA-calculated element indicates the number of days between each admission for applicable patients. A match with the Unique Health Information Number (UHIN) is used to make a determination that the patient has been readmitted.

DHCFPSubmissionFile

Short Description:	CHIA processing element
Primary Table:	SubmissionLog
Release Level:	CORE
Data Type:	Char
Format:	Identifier
Length:	10
CHIA-Derived:	Yes
Description:	CHIA-created element used in data processing.

DiagnosisCode

Short Description:	ICD-10-CM code for each diagnosis reported by the facility
Primary Table:	Diagnosis
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	7
CHIA-Derived:	No
Description:	The ICD-10-CM diagnosis code for the condition observed during the inpatient stay, as reported by facility. Excludes the decimal point. May be an external cause code or an associated or supplemental external cause code if the principal external cause code is present on the ECode element. Associated external cause codes may be ICD-10-CM external cause codes (V00–Y89) or supplementary factor codes (Y90–Y99).
Reference Table:	Standard ICD-10-CM Diagnosis Codes

DIS_DRG (APR340, APR360, APR380, APR390, APR400)

Short Description:	Discharge diagnosis-related group
Primary Table:	Grouper – APR 340, Grouper – APR 360, Grouper – APR 380, Grouper – APR 390, Grouper – APR 400
Release Level:	CORE
Data Type:	Nvarchar
Format:	Categorical
Length:	3
CHIA-Derived:	Yes
Description:	The standard diagnosis-related group (DRG) based on discharge diagnoses.
Reference Table:	Standard 3M Grouper Values

DIS_MDC (APR340, APR360, APR380, APR390, APR400)

Short Description:	Discharge major diagnostic category
Primary Table:	Grouper – APR 340, Grouper - APR 360, Grouper – APR 380, Grouper – APR 390, Grouper - 400
Release Level:	CORE
Data Type:	Nvarchar
Format:	Categorical
Length:	2
CHIA-Derived:	Yes
Description:	The major diagnostic category (MDC) at discharge based on discharge diagnoses and procedures.
Reference Table:	Standard 3M Grouper Values

DIS_RCD (APR340, APR360, APR380, APR390, APR400, CMS420)

Short Description:	Null grouper element
Primary Table:	Grouper – APR 340, Grouper - APR360, Grouper – APR380, Grouper – APR390, Grouper – APR 400, Grouper – CMS420
Release Level:	CORE
Data Type:	Nvarchar
Format:	Categorical
Length:	2
CHIA-Derived:	Yes
Description:	The Return Code Clinical (RCD) of the discharge diagnosis-related grouper (DRG) records. A value of “00” indicates a valid DRG record.
Reference Table:	Standard 3M Grouper Values

DIS_ROM (APR340, APR360, APR380, APR390, APR400)

Short Description:	Discharge risk of mortality
Primary Table:	Grouper – APR 340, Grouper - APR 360, Grouper – APR380, Grouper – APR 390, Grouper – APR 400
Release Level:	CORE
Data Type:	Nvarchar
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	The patient’s risk of mortality (ROM) at discharge based on discharge diagnoses and procedures. ROM classifies the patient into a standard category of clinical risk using “1” (minor), “2” (moderate), “3” (major), and “4” (extreme).
Reference Table:	Standard 3M Grouper Values

DIS_SOI (APR340, APR360, APR380, APR390, APR400)

Short Description:	Discharge severity of illness
Primary Table:	Grouper – APR 340, Grouper – APR 360, Grouper – APR 380, Grouper – APR 390, Grouper – APR 400
Release Level:	CORE
Data Type:	Nvarchar
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	The patient's severity of illness (SOI) at discharge based on discharge diagnoses and procedures. SOI classifies the patient into a standard category of illness severity using "1" (minor), "2" (moderate), "3" (major), and "4" (extreme).
Reference Table:	Standard 3M Grouper Values

DischargeDate

Short Description:	Patient discharge date
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Date (MMDDYYYY)
Length:	8
CHIA-Derived:	No
Description:	The date the patient was discharged from inpatient status in the hospital for this episode of care.

DischargeDayOfWeek

Short Description:	Weekday of patient discharge date
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	3
CHIA-Derived:	No
Description:	Weekday on which the patient was discharged from inpatient status for this episode of care. Values are abbreviated days of the week (Mon, Tue, Wed, Thu, Fri, Sat, Sun).

DischargeMonth

Short Description:	Month of patient discharge date
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Date (YYYYMM)
Length:	6
CHIA-Derived:	Yes
Description:	Month in which patient was discharged from inpatient status for this episode of care, derived by CHIA from DischargeDate.

DischargePassed

Short Description:	CHIA processing element
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	Yes
Description:	CHIA-derived element used for the processing of submissions. Note that CHIA is not providing DischargePassed in FY2025, so value will be null.

DischargeYear

Short Description:	Year of patient discharge date
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Date (YYYY)
Length:	4
CHIA-Derived:	Yes
Description:	Year in which patient was discharged from inpatient status, derived by CHIA from DischargeDate.

DNRStatus

Short Description:	Indicates whether there is an order not to resuscitate the patient
Primary Table:	Discharge
Release Level:	GOV
Data Type:	Varchar
Format:	Ordinal
Length:	1
CHIA-Derived:	No
Description:	Status indicating that the patient had a physician order not to resuscitate or the patient had a status of receiving palliative care only. "Do not resuscitate" (DNR) status means not to revive from potential or apparent death or that a patient was being treated with comfort measures only.
Reference Table:	Numeric codes correspond to descriptions as follows:

- 1: DNR order written
- 2: Comfort measures only
- 3: No DNR order or measures ordered

Ecode

Short Description:	ICD-10-CM V00–Y99 code for the external cause of the principal condition
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	7
CHIA-Derived:	No
Description:	The ICD-10-CM code(s) describing the principal external cause of injuries, poisonings, and adverse effects. In addition to the dedicated external cause code element, facilities record additional external cause codes in the associated diagnosis elements for conditions having multiple causes.
Reference Table:	Standard ICD-10-CM V00–Y99 Codes

EDDisDate

Short Description:	Date of patient discharge from the hospital's emergency department
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Date (MMDDYYYY)
Length:	8
CHIA-Derived:	No
Description:	Date patient was discharged from the hospital's emergency department (ED), if the inpatient stay is associated with a recent ED visit.

EDDisMonth

Short Description:	Month of patient discharge from the emergency department
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Integer
Format:	Categorical
Length:	2
CHIA-Derived:	No
Description:	Month of the date patient was discharged from the hospital's emergency department (ED), if the inpatient stay is associated with a recent ED visit. Given as an integer between 1 (January) and 12 (December).

EDDisTime

Short Description:	Time of patient discharge from the hospital's emergency department
Primary Table:	Discharge
Release Level:	GOV
Data Type:	Integer
Format:	Date/Time (HHMM)
Length:	4
CHIA-Derived:	No
Description:	Time of patient discharge from the hospital's emergency department (ED), if the inpatient stay is associated with a recent ED visit. Given in military time, with values ranging from 0000 to 2359.

EDDisTimeHH

Short Description:	Hour of patient discharge from the hospital's emergency department
Primary Table:	Discharge
Release Level:	GOV
Data Type:	Varchar
Format:	Categorical
Length:	2
CHIA-Derived:	No
Description:	Hour the patient was discharged from the hospital's emergency department (ED), if the inpatient stay is associated with a recent ED visit. Given as a two-digit value corresponding to the hourly designations of military time. See also EDDisTime and EDDisTimeMM.

EDDisTimeMM

Short Description:	Minute of patient discharge at the hospital's emergency department
Primary Table:	Discharge
Release Level:	GOV
Data Type:	Varchar
Format:	Categorical
Length:	2
CHIA-Derived:	No
Description:	Minute the patient was discharged from the hospital's emergency department (ED), if the inpatient stay is associated with a recent ED visit. Given as a two-digit value corresponding to the minutes in an hour. See also See also EDDisTime and EDDisTimeHH.

EDFlagCode

Short Description:	Indicates if inpatient admission is associated with a recent emergency department visit
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	Code that indicates if inpatient admission is associated with a recent emergency department (ED) visit.
Reference Table:	Numeric codes correspond to descriptions as follows: • 0: Not admitted from the ED; no ED visit reflected in this record • 1: Not admitted from the ED, but ED visit(s) reflected in this record • 2: Admitted from the ED

EDRegDate

Short Description:	Date of patient registration at the hospital's emergency department
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Date (MMDDYYYY)
Length:	8
CHIA-Derived:	No
Description:	Date the patient was registered at the hospital's emergency department (ED), if the inpatient stay is associated with a recent ED visit.

EDRegMonth

Short Description:	Month of patient registration at the emergency department
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Integer
Format:	Categorical
Length:	2
CHIA-Derived:	No
Description:	Month of the date patient was registered at the hospital's emergency department (ED), if the inpatient stay is associated with a recent ED visit. Given as an integer between 1 (January) and 12 (December).

EDRegTime

Short Description:	Time of patient registration at the hospital's emergency department
Primary Table:	Discharge
Release Level:	GOV
Data Type:	Integer
Format:	Date/Time (HHMM)
Length:	4
CHIA-Derived:	No
Description:	Time the patient was registered at the hospital's emergency department (ED), if the inpatient stay is associated with a recent ED visit. Given in military time, with values ranging from 0000 to 2359.

EDRegTimeHH

Short Description:	Hour of patient registration at the hospital's emergency department
Primary Table:	Discharge
Release Level:	GOV
Data Type:	Varchar
Format:	Categorical
Length:	2
CHIA-Derived:	No
Description:	Hour the patient was registered at the hospital's emergency department (ED), if the inpatient stay is associated with a recent ED visit. Given as a two-digit value corresponding to the hourly designations of military time. See also EDRegTime and EDRegTimeMM.

EDRegTimeMM

Short Description:	Minute of patient registration at the hospital's emergency department
Primary Table:	Discharge
Release Level:	GOV
Data Type:	Varchar
Format:	Categorical
Length:	2
CHIA-Derived:	No
Description:	Minute the patient was registered at the hospital's emergency department (ED), if the inpatient visit began in the ED. Given as a two-digit value corresponding to the minutes in an hour. See also EDRegTime and EDRegTimeHH.

EmployerZipCode5

Short Description:	ZIP code of the patient's employer
Primary Table:	Discharge
Release Level:	GOV
Data Type:	Varchar
Format:	ZIP Code
Length:	5
CHIA-Derived:	No
Description:	5-digit ZIP code of the patient's employer.

Ethnicity1, Ethnicity2

Short Description:	Patient ethnicity
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Categorical
Length:	8
CHIA-Derived:	No
Description:	Primary (Ethnicity1) or secondary (Ethnicity2) ethnicity as reported by the provider. CHIA's provider community utilizes the full list of standard ethnicity codes, per the code set available on CHIA's website ⁵ and the specific values listed below. Note that Ethnicity Codes were updated in the FY 25 Submission Guides.

Reference Table

Codes correspond to descriptions as follows:

- AMER: American
- BRAZ: Brazilian
- CANADA: Canadian
- CAPE-V: Cape Verdean
- CARIB: Caribbean Island
- E-EUR: Eastern European
- PORT: Portuguese
- RUSSN: Russian
- OTH: Other
- UNK: Unknown
- DONTKNOW: Don't know
- ASKU: Choose not to answer
- UTC: Unable to collect this information on patient due to lack of clinical capacity of patient to respond

⁵ <https://www.chiamass.gov/assets/docs/p/case-mix/FY25-Case-Mix-Submission-Guides/CDC-Ethnicity-Codes.pdf>

FilingOrgID

Short Description:	Submitting facility ID
Primary Table:	SubmissionLog
Release Level:	CORE
Data Type:	Integer
Format:	Categorical
Length:	10
CHIA-Derived:	No
Description:	Organization ID for the facility that submitted the inpatient visit data to CHIA. See also IDOrgFiler.

FIPASubmissionNotFailed

Short Description:	CHIA-derived error element
Primary Table:	SubmissionLog
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	Yes
Description:	CHIA-derived error element that indicates whether the submission passed CHIA intake. In a user extract, this value should be “1” (Not Failed).

GroupName

Short Description:	System name
Primary Table:	Organization
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	250
CHIA-Derived:	No
Description:	Type of system that runs the inpatient unit. See OrganizationGroupID for the code associated with the group name.

HispanicIndicator

Short Description:	Indicates whether patient was Hispanic
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	8
CHIA-Derived:	No
Description:	A flag for patients of Hispanic/Latino/Spanish culture or origin regardless of race, using the codes below. Note that HispanicIndicator codes were updated in the FY 25 Submission Guides.
Reference Table:	Codes correspond to descriptions as follows: • 2135-2: Patient is Hispanic/Latino/Spanish • 2186-5: Patient is not Hispanic/Latino/Spanish • DONTKNOW: Don't know • ASKU: Choose not to answer • UNK: Unknown • UTC: Unable to collect this information on patient due to lack of clinical capacity of patient to respond

HomelessIndicator

Short Description:	Indicates whether patient was homeless
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	8
CHIA-Derived:	No
Description:	This flag indicates that the patient was homeless at the time of inpatient stay, using the following codes. Note that HomelessIndicator codes were updated in the FY 25 Submission Guides.
Reference Table:	Codes correspond to descriptions as follows: • Y: Patient is known to be homeless • N: Patient is not known to be homeless • UNK: Unknown • DONTKNOW: Don't know • ASKU: Choose not to answer • UTC: Unable to collect this information on patient due to lack of clinical capacity of patient to respond

HospitalBillNo

Short Description:	Unique patient billing record
Primary Table:	Discharge
Release Level:	GOV-SPEC
Data Type:	Varchar
Format:	Identifier
Length:	50
CHIA-Derived:	No
Description:	Facility-unique number associated with all billing for the visit.

ICDIndicator

Short Description:	ICD version
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	Indicates which version of the International Classification of Diseases (ICD) is used for the diagnosis codes, external cause codes, and procedure codes on the record. In the FY 2025 HIDD, all ICD codes use the 10 th revision (ICD-10-CM/PCS), corresponding to a value of "0" in the ICDIndicator element.

IDOrgFiler

Short Description:	Submitting facility ID
Primary Table:	Discharge
Linking Table:	MEID_Mapping
Release Level:	CORE
Data Type:	Integer
Format:	Identifier
Length:	10
CHIA-Derived:	Yes
Description:	Organization ID for the facility that submitted the inpatient discharge data to CHIA. See also FilingOrgID.
Reference Table:	Organization Table

IDOrgHosp

Short Description:	Main facility ID
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Integer
Format:	Identifier
Length:	10
CHIA-Derived:	Yes
Description:	Organization ID for the main facility affiliation where the patient received inpatient care.
Reference Table:	Organization Table

IDOrgSite

Short Description:	Treating facility ID
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Integer
Format:	Identifier
Length:	10
CHIA-Derived:	Yes
Description:	Organization ID for the site where the patient received inpatient care.
Reference Table:	Organization Table

IDOrgTransfer

Short Description:	ID of the facility from which the patient was transferred
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Identifier
Length:	10
CHIA-Derived:	Yes
Description:	Organization ID for the facility from which the patient was transferred. The IDOrgTransfer value is "9999999" for patients transferred from outside of Massachusetts.
Reference Table:	Organization Table

Indicator (Diagnosis)

Short Description:	Indicates if the diagnosis was primary, secondary, admitting, or discharge
Primary Table:	Diagnosis
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	Indicates if the diagnosis was primary (principal), secondary, admitting, or discharge.
Reference Table:	Codes correspond to descriptions as follows: • A: Admitting • D: Discharge • P: Principal • S: Secondary

Indicator (Procedure)

Short Description:	Indicates if the submitted procedure code was secondary
Primary Table:	Procedure
Release Level:	CORE
Data Type:	Char
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	Indicates if the submitted procedure code was secondary ("S").

LeaveOfAbsenceDays

Short Description:	Days patient was absent from hospital stay
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Continuous
Length:	4
CHIA-Derived:	No
Description:	If the patient left the hospital during their inpatient stay, this element indicates how many days the patient was absent.

LengthOfStay

Short Description:	Count of days in the hospital
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Continuous
Length:	4
CHIA-Derived:	Yes
Description:	Count of days between AdmissionDate and DischargeDate for the inpatient stay.

MedicaidMemberID

Short Description:	Patient's unique MassHealth ID
Primary Table:	Discharge
Release Level:	GOV-SPEC
Data Type:	Varchar
Format:	Identifier
Length:	12
CHIA-Derived:	No
Description:	Unique MassHealth identifier for the patient.

MedicalRecordNumber

Short Description:	Patient's unique hospital-assigned identifier
Primary Table:	Discharge
Release Level:	GOV-SPEC
Data Type:	Varchar
Format:	Identifier
Length:	100
CHIA-Derived:	No
Description:	The unique number assigned to each patient within the hospital that distinguishes the patient and the patient's hospital record(s) from all others in that institution.

MemberMDMID

Short Description:	MemberMDMID
Primary Table:	MEID_Mapping
Release Level:	GOV-SPEC
Data Type:	Bigint
Format:	Identifier
Length:	19
CHIA-Derived:	Yes
Description:	CHIA-generated unique surrogate key for each patient. CHIA uses the Master Patient Index (MPI) approach to create a unique MemberMDMID value for each distinct patient within the Case Mix data. MemberMDMID provides a way to identify unique patients without using personally identifying information. The MemberMDMID element enables the tracking of patients over time, across sites of care, and across payers.

MotherMedicalRecordNumber

Short Description:	Patient's mother's unique hospital-assigned identifier
Primary Table:	Discharge
Release Level:	GOV-SPEC
Data Type:	Identifier
Format:	Varchar
Length:	100
CHIA-Derived:	No
Description:	The unique number assigned within the hospital to the newborn's mother. The medical record number of the newborn's mother distinguishes the patient and the patient's mother's hospital record(s) from all others in that institution.

MothersUHIN

Short Description:	Patient's mother's unique ID
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varbinary
Format:	Identifier
Length:	64
CHIA-Derived:	Yes
Description:	CHIA-generated unique identifier of a newborn's mother. For newborns or infants less than 1 year old, CHIA derives a Unique Health Information Number (UHIN) for the patient's mother. This unique ID allows a newborn visit to be associated with the mother's visit and is linkable across records and fiscal years. The UHIN is generated based on the unique information reported by hospitals. In cases where insufficient information is reported by hospitals, a value of "000000001" is assigned to the UHIN element. In cases where invalid information is reported by hospitals, a value of "4" is assigned to the UHIN element. Invalid information may occur when demographic information (age, sex, etc.) is not consistent within the same UHIN record.

Name

Short Description:	Facility name
Primary Table:	SubmissionLog
Release Level:	CORE
Data Type:	Varchar
Format:	Open Text
Length:	100
CHIA-Derived:	No
Description:	Name of the facility that houses the inpatient unit.
Reference Table:	Organization Table

NewBornAge

Short Description:	Newborn age in weeks at admission
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Continuous
Length:	2
CHIA-Derived:	Yes
Description:	Newborn age in weeks at admission for infants less than 1 year old.

NumberDischargesFailed

Short Description:	CHIA-derived error element
Primary Table:	SubmissionLog
Release Level:	CORE
Data Type:	Integer
Format:	Continuous
Length:	10
CHIA-Derived:	Yes
Description:	Number of discharge records that failed the submission threshold for a given submission.

NumberDischargesPassed

Short Description:	CHIA-derived error element
Primary Table:	SubmissionLog
Release Level:	CORE
Data Type:	Integer
Format:	Continuous
Length:	10
CHIA-Derived:	Yes
Description:	Number of discharge records that passed the submission threshold for a given submission.

NumberOfANDs

Short Description:	Count of administratively necessary days
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Continuous
Length:	4
CHIA-Derived:	No
Description:	The number of inpatient days that were deemed clinically unnecessary in accordance with review by the Division of Medical Assistance.

NumberOfDiagnosisCodes

Short Description:	Number of diagnosis codes in record
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Continuous
Length:	3
CHIA-Derived:	Yes
Description:	Number of diagnosis codes associated with the inpatient record.

NumberOfDischarges

Short Description:	Count of discharges in a particular submission
Primary Table:	SubmissionLog
Release Level:	CORE
Data Type:	Integer
Format:	Continuous
Length:	10
CHIA-Derived:	Yes
Description:	Count of discharges in a particular data submission.

NumberOfHoursInED

Short Description:	Count of hours in the ED
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Decimal
Format:	Continuous
Length:	10.2
CHIA-Derived:	No
Description:	Number of hours spent in the emergency department (ED) prior to transfer to inpatient unit, if the inpatient stay is associated with a recent ED visit.

NumberOfProcedureCodes

Short Description:	Number of procedure codes in record
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Continuous
Length:	3
CHIA-Derived:	Yes
Description:	Number of procedure codes associated with the inpatient record.

OperatingPhysicianPrincipal

Short Description:	ID of the primary operating physician
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Identifier
Length:	25
CHIA-Derived:	No
Description:	Massachusetts Board of Registration in Medicine (BORIM) license number for the principal operating physician.
Reference Table:	Massachusetts Board of Registration in Medicine license numbers

OperatingPhysicianSignificant1-14

Short Description:	ID of any other physician who operated on the patient
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Identifier
Length:	25
CHIA-Derived:	No
Description:	Massachusetts Board of Registration in Medicine (BORIM) license number for operating physicians 1 through 14. Ordered as reported by hospital in agreement with Significant Procedures 1 through 14.
Reference Table:	Massachusetts Board of Registration in Medicine license numbers

OrganizationGroupID

Short Description:	System ID
Primary Table:	Organization
Release Level:	CORE
Data Type:	Integer
Format:	Identifier
Length:	10
CHIA-Derived:	No
Description:	Code indicating the type of system that runs the inpatient unit. See GroupName for the description corresponding to the ID.

OrganizationName

Short Description:	Facility name
Primary Table:	Organization
Release Level:	CORE
Data Type:	Varchar
Format:	Open Text
Length:	500
CHIA-Derived:	No
Description:	Name of the facility that houses the inpatient unit where the patient was treated. See OrgID for the code corresponding to the organization name.

OrganizationNumber

Short Description:	Facility ID
Primary Table:	Organization
Release Level:	CORE
Data Type:	Varchar
Format:	Identifier
Length:	200
CHIA-Derived:	No
Description:	ID of the facility that houses the inpatient unit. Generally, OrgID should be used as the primary identifier for inpatient facilities. However, OrganizationNumber had historical utility with respect to certain legacy reference numbers.

OrganizationTypeID

Short Description:	ID of the facility type
Primary Table:	Organization
Release Level:	CORE
Data Type:	Integer
Format:	Identifier
Length:	10
CHIA-Derived:	No
Description:	Code for the type of facility that houses the inpatient unit. See Type for the corresponding type description.

OrgID

Short Description:	Facility ID
Primary Table:	Organization
Release Level:	CORE
Data Type:	Integer
Format:	Identifier
Length:	10
CHIA-Derived:	No
Description:	Unique identifier for the inpatient facility. OrgID is used to link facilities across tables and fiscal years.
Reference Table:	Organization Table

OrgName

Short Description:	Name of facility
Primary Table:	SubmissionLog
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	100
CHIA-Derived:	No
Description:	Name of the facility that submitted the inpatient data to CHIA. OrgName corresponds to FilingOrgID.

OrgNumber

Short Description:	Facility-specific identifier
Primary Table:	SubmissionLog
Release Level:	CORE
Data Type:	Varchar
Format:	Identifier
Length:	10
CHIA-Derived:	No
Description:	ID of the facility that submitted the inpatient data to CHIA. OrgNumber corresponds to FilingOrgID.

OtherCareGiverCode

Short Description:	Indicates type of additional caregiver
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	The type of primary caregiver responsible for the patient's care other than the attending physician, operating room physician, or nurse midwife.

Reference Table:	Numeric codes correspond to descriptions as follows: • 1: Resident • 2: Intern • 3: Nurse Practitioner • 4: Not Used • 5: Physician Assistant
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OtherEthnicity

Short Description:	Non-standard patient ethnicity designation(s)
Primary Table:	Discharge
Release Level:	GOV
Data Type:	Varchar
Format:	Categorical
Length:	20
CHIA-Derived:	No
Description:	Patient's ethnicity as entered by the facility. OtherEthnicity is used to report additional ethnicities, particularly when Ethnicity1 or Ethnicity2 has a value of "OTH" (Other).

OtherRace

Short Description:	Non-standard patient race designation(s)
Primary Table:	Discharge
Release Level:	GOV
Data Type:	Varchar
Format:	Categorical
Length:	15
CHIA-Derived:	No
Description:	Patient's race as entered by the facility. OtherRace is used to report additional races, particularly when Race1 or Race2 has a value of "OTH" (Other).

OutpatntObsrvStayFlagCode

Short Description:	Indicates if inpatient admission began as an outpatient observation stay
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	Indicates whether inpatient admission began as an outpatient observation stay unit. Value will be "Y" if admission began as an observation stay.

Passed

Short Description:	CHIA processing element
Primary Table:	SubmissionLog
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	Yes
Description:	Indicates that the given submission has passed CHIA intake. In user files, this element will always have a value of "P" (Passed).

PatientBirthDate

Short Description:	Patient date of birth
Primary Table:	Discharge
Release Level:	GOV-SPEC
Data Type:	Varchar
Format:	Date (YYYYMMDD)
Length:	10
CHIA-Derived:	No
Description:	Calendar date of patient's birth.

PatientSexatBirthLDS

Short Description:	Patient sex at birth.
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	8
CHIA-Derived:	No
Description:	Patient sex assigned at birth. Note that this element was updated from PatientSex for FY 25 and new codes were added to the FY 25 Submission Guides.

Reference Table:	Codes correspond to descriptions as follows: • M: Male • F: Female • UNK: Unknown • DONTKNOW: Don't know • ASKU: Choose not to answer • UTC: Unable to collect this information on patient due to lack of clinical capacity of patient to respond
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PatientStatus

Short Description:	Patient status and disposition at discharge
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	2
CHIA-Derived:	No
Description:	The status, disposition, and destination of the patient after discharge from the inpatient unit. A small percentage of records are missing the zero used to pad codes 10 through 18. For example, the entire code might consist of the digit 7, rather than 07. A full list of codes is available in the Longer Reference Tables section.
Reference Table:	Table 3. Patient Status

PayerCode1, PayerCode2

Short Description:	Standardized payer source code
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	3
CHIA-Derived:	No
Description:	A standardized code identifying the source of payment for the inpatient stay. Most MA payers are identified in advance of the payment cycle. This element captures the specific differences between those payers. The payer table, available in the Longer Reference Tables section, is extensive.
Reference Table:	Table 5. Payment Source

PeriodEndingDate

Short Description:	The last day of the quarter for which data is being submitted
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Date (MMDDYYYY)
Length:	8
CHIA-Derived:	No
Description:	The last day of the quarter for which data is being submitted.

PeriodEndingMonth

Short Description:	The last month of the quarter for which data is being submitted
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Date (YYYYMM)
Length:	6
CHIA-Derived:	No
Description:	The last month of the quarter for which data is being submitted.

PeriodEndingYear

Short Description:	The year for which data is being submitted
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Date (YYYY)
Length:	4
CHIA-Derived:	No
Description:	The year for which data is being submitted.

PeriodStartingDate

Short Description:	The first day of the quarter for which data is being submitted
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Date (MMDDYYYY)
Length:	8
CHIA-Derived:	No
Description:	The first day of the quarter for which data is being submitted.

PeriodStartingMonth

Short Description:	The first month of the quarter for which data is being submitted
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Date (YYYYMM)
Length:	6
CHIA-Derived:	No
Description:	The first month of the quarter for which data is being submitted.

PeriodStartingYear

Short Description:	The year for which data is being submitted
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Date (YYYY)
Length:	4
CHIA-Derived:	No
Description:	The year for which data is being submitted.

PermanentPatientCityLDS

Short Description:	Permanent municipality of residence for the patient
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Categorical
Length:	25
CHIA-Derived:	No
Description:	Primary municipality of residence for the patient. In the LDS file for non-government data users, the data release will only include city information for residents of Massachusetts. Any additional questions concerning city information can be addressed by contacting CHIA at CaseMix.data@chiamass.gov .

PermanentPatientCountryLDS

Short Description:	Permanent country of residence for the patient
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	2
CHIA-Derived:	No
Description:	Permanent country of residence for the patient, reported using International Standards Organization (ISO - 3166) 2-digit country codes. In the LDS file for non-government data users, the data release will only include country information for the United States (US), Canada (CA) and Mexico (MX). All other countries will be designated by ZZ. Any additional questions concerning country information can be addressed by contacting CHIA at CaseMix.data@chiamass.gov .

PermanentPatientStateLDS

Short Description:	Permanent state of residence for the patient
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	2
CHIA-Derived:	No
Description:	Permanent state of residence for the patient, reported using USPS 2-digit state abbreviations. In the LDS file for non-government data users, the data release will only include state information for Massachusetts (MA), Connecticut (CT), Maine (ME), New Hampshire (NH), New York (NY), Vermont (VT) and Rhode Island (RI). All other states in the US will be designated by XX. Any additional questions concerning state information can be addressed by contacting CHIA at CaseMix.data@chiamass.gov
Reference Table:	Table 6. State

PermanentPatientStreetAddress

Short Description:	Patient street address
Primary Table:	Discharge
Release Level:	GOV-SPEC
Data Type:	Varchar
Format:	Open Text
Length:	100
CHIA-Derived:	No
Description:	Street address for the patient's permanent residence, as provided by the hospital. CHIA does not alter or standardize this element.

PermanentPatientZIP3CodeLDS

Short Description:	3-digit ZIP code of the patient's permanent residence
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	3
CHIA-Derived:	No
Description:	First three digits of the patient's permanent ZIP code. ZIP codes are not standardized, and this element is as reported from a nine-digit ZIP code. For CORE users, if the patient state is not in Massachusetts, Connecticut, Maine, New Hampshire, New York, Vermont, or Rhode Island, ZIP codes are set to zeros (0s) and the state is removed. Any additional questions can be addressed by contacting CHIA at CaseMix.data@chiamass.gov .

PermanentPatientZIP5CodeLDS

Short Description:	5-digit ZIP code of the patient's permanent residence
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Categorical
Length:	5
CHIA-Derived:	No
Description:	First five digits of the patient's permanent ZIP code. ZIP codes are not standardized, and this element is as reported from a nine-digit ZIP Code. In the LDS file for non-government data users, if the patient state is not in Massachusetts, Connecticut, Maine, New Hampshire, New York, Vermont, or Rhode Island, ZIP codes are set to zeros (0s) and the state is removed. Any additional questions can be addressed by contacting CHIA at CaseMix.data@chiamass.gov .

PreOperativeDays

Short Description:	Count of days between admission and procedure
Primary Table:	Procedure
Release Level:	CORE
Data Type:	Char
Format:	Continuous
Length:	5
CHIA-Derived:	No
Description:	The number of days between admission to the inpatient unit and the procedure date.

PrimaryConditionPresent

Short Description:	Flag indicating if principal condition was present on admission
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	Flag indicating if principal condition was present on admission.

PrimaryDiagnosisCode

Short Description:	ICD-10-CM code for the primary condition
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	7
CHIA-Derived:	No
Description:	The International Classification of Diseases, 10th Revision, Clinical Modification (ICD-10-CM) diagnosis code for the condition established after study to be chiefly responsible for the admission of the patient to the inpatient unit.
Reference Table:	Standard ICD-10-CM Diagnosis Codes

PrimaryPayerType

Short Description:	Primary payer type for the visit
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	Patient's expected primary payer type for the inpatient stay. Reported as a single character code indicating the type of payer who has primary responsibility for the payment of the services related to the inpatient visit.
Reference Table:	Table 4. Payer Type

PrincipalPreoperativeDays

Short Description:	Count of days between admission and principal procedure
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Continuous
Length:	5
CHIA-Derived:	No
Description:	The number of days between admission to the inpatient unit and the principal procedure date.

PrincipalProcedureCode

Short Description:	ICD-10-PCS code for the principal procedure
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	7
CHIA-Derived:	No
Description:	The International Classification of Diseases, 10th Revision, Procedure Coding System (ICD-10-PCS) code for the chief procedure performed during the inpatient stay.
Reference Table:	Standard ICD-10-PCS Procedure Codes

PrincipalProcedureDate

Short Description:	Date principal procedure was performed
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Date (MMDDYYYY)
Length:	8
CHIA-Derived:	No
Description:	Date on which the principal procedure was performed.

PrincipalProcedureMonth

Short Description:	Month of principal procedure date
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Date (YYYYMM)
Length:	6
CHIA-Derived:	No
Description:	Month of the date on which the principal procedure was performed.

ProcedureCode

Short Description:	ICD-10-PCS code for each significant procedure
Primary Table:	Procedure
Release Level:	CORE
Data Type:	Char
Format:	Categorical
Length:	7
CHIA-Derived:	No
Description:	The International Classification of Diseases, 10th Revision, Procedure Coding System (ICD-10-PCS) code for each significant procedure reported by the facility. The ICD procedure code usually corresponds to additional procedures which carry an operative or anesthetic risk or require highly trained personnel, special equipment, or special facilities. Up to 78 new procedure codes were added by CMS in FY 2024. Refer to the CMS website ⁶ for more information.
Reference Table:	Standard ICD-10-PCS Procedure Codes

⁶ <https://www.cms.gov/medicare/coding-billing/icd-10-codes>

ProcedureDate

Short Description:	Date procedure was performed
Primary Table:	Procedure
Release Level:	LDS
Data Type:	Char
Format:	Date (MMDDYYYY)
Length:	8
CHIA-Derived:	No
Description:	Date on which the procedure was performed.

Quarter

Short Description:	Quarter of submission
Primary Table:	Discharge
Linking Tables:	Service SubmissionLog
Release Level:	CORE
Data Type:	Integer in Discharge, SubmissionLog Varchar in Service
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	Quarter in which the inpatient discharge data was submitted to CHIA. Possible values are 1, 2, 3, and 4, corresponding to the first, second, third, and fourth quarters, respectively.

Race1, Race2

Short Description:	Patient race
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Categorical
Length:	8
CHIA-Derived:	No
Description:	Primary patient race as reported by the facility. CHIA's provider community utilizes the full list of standard race codes, per the code set available on CHIA's website ⁷ and the values listed below. Note that codes were updated in the FY 25 Submission Guides.
Reference Table:	Codes correspond to descriptions as follows: • 1002-5: American Indian/Alaska Native • 2028-9: Asian • 2054-5: Black/African American • 2076-8: Native Hawaiian or other Pacific Islander • 2106-3: White • OTH: Other Race • DONTKNOW: Don't know • ASKU: Choose not to answer • UNK: Unknown • UTC: Unable to collect this information on patient due to lack of clinical capacity of patient to respond

⁷ <https://www.chiamass.gov/wp-content/uploads/docs/p/case-mix/FY25-Case-Mix-Submission-Guides/CDC-Ethnicity-Codes.pdf>

RecordType20ID

Short Description:	Unique key to link from Discharge table
Primary Table:	Discharge
Linking Tables:	Diagnosis Service Procedure MEID_Mapping Grouper – APR 340, Grouper – APR 360, Grouper – APR380, Grouper – APR 390, Grouper – APR 400, Grouper – CMS 420
Release Level:	CORE
Data Type:	Integer in Discharge, Diagnosis, Service, Procedure, MEID_Mapping tables Float in Grouper tables
Format:	Identifier
Length:	10
CHIA-Derived:	No
Description:	Record identifier used to link data about a specific inpatient discharge across data tables. RecordType20ID can be used in combination with facility IDs to capture a unique record. Note that this element distinguishes unique inpatient stays rather than unique individuals. Because a single patient may have multiple diagnosis, revenue, and procedure codes, the RecordType20ID in the main Discharge table has a one-to-many relationship to the Diagnosis, Procedure, and Service tables.

RevenueCode

Short Description:	Billing code
Primary Table:	Service
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	4
CHIA-Derived:	No
Description:	The numeric code which identifies a particular routine or special care accommodation. The revenue codes are taken from the Uniform Billing (UB) revenue codes and correspond to specific cost centers in CHIA's hospital cost reports (previously known as the DHCFP-403 Cost Report, now a combination of sections of both the former DHCFP-403 Cost Report and the 2552 Cost Report).
Reference Table:	National Uniform Billing Community UB-04 Codes ⁸

⁸ www.nubc.org

SecondaryPayerType

Short Description:	Secondary payer type for the visit
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	Patient's expected secondary payer type for the inpatient stay. Reported as a single character indicating the type of payer who has secondary responsibility for the payment of the services related to the visit.
Reference Table:	Table 4. Payer Type

SpecialConditionIndicator

Short Description:	Indicates the presence of a special condition
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	Yes
Description:	Indicates the presence of a special condition.

State

Short Description:	Facility state
Primary Table:	Organization
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	2
CHIA-Derived:	No
Description:	State in which the inpatient facility is located, reported using USPS 2-digit state abbreviations.
Reference Table:	Table 6. State

SubmissionControlID

Short Description:	Unique key to link to the Discharge table
Primary Table:	Discharge
Linking Tables:	SubmissionLog MEID_Mapping
Release Level:	CORE
Data Type:	Integer
Format:	Identifier
Length:	10
CHIA-Derived:	No
Description:	Unique ID for a given data submission. A unique SubmissionControlID value is assigned to each quarterly submission from each facility.

SubmissionPassedFlag

Short Description:	CHIA-derived element
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	Indicates that the associated data submission has passed CHIA intake. In user files, this element will always have a value of "1" (Passed).

TemporaryPatientCityLDS

Short Description:	Current municipality of residence, if different from permanent residence
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Categorical
Length:	25
CHIA-Derived:	No
Description:	Municipality in which the patient currently resides, if different from permanent residence. In the LDS file for non-government data users, the data release will only include city information for residents of Massachusetts. Any additional questions concerning city information can be addressed by contacting CHIA at CaseMix.data@chiamass.gov .

TemporaryPatientStateLDS

Short Description:	Current state of residence, if different from permanent residence
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	2
CHIA-Derived:	No
Description:	Current state of residence for patient, if different from permanent residence, reported using USPS 2-digit state abbreviations. In the LDS file for non-government data users, the data release will only include state information for Massachusetts (MA), Connecticut (CT), Maine (ME), New Hampshire (NH), New York (NY), Vermont (VT) and Rhode Island (RI). All other states in the US will be designated by XX. Any additional questions concerning state information can be addressed by contacting CHIA at CaseMix.data@chiamass.gov .
Reference Table:	Table 6. State

TemporaryPatientZip3CodeLDS

Short Description:	Current 3-digit ZIP code of residence, if different from permanent residence
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	3
CHIA-Derived:	No
Description:	First three digits of patient's temporary ZIP code, if different from ZIP code of permanent residence. ZIP codes are not standardized and this element is as reported from a nine-digit ZIP code. For CORE users, if the patient state is not in Massachusetts, Connecticut, Maine, New Hampshire, New York, Vermont or Rhode Island, ZIP codes are set to zeros (0s) and the state is removed. Any additional questions can be addressed by contacting CHIA at CaseMix.data@chiamass.gov .

TemporaryPatientZip5CodeLDS

Short Description:	Current 5-digit ZIP code of residence, if different from permanent residence
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Categorical
Length:	5
CHIA-Derived:	No
Description:	First five digits of patient's temporary ZIP code, if different from ZIP code of permanent residence. ZIP codes are not standardized, and this element is as reported from a nine-digit ZIP code. In the LDS file for non-government data users, if the patient state is not in Massachusetts, Connecticut, Maine, New Hampshire, New York, Vermont or Rhode Island, ZIP codes are set to zeros (0s) and the state is removed. Any additional questions can be addressed by contacting CHIA at CaseMix.data@chiamass.gov .

TemporaryUSPatientStreetAddress

Short Description:	Patient's temporary street address, if different from permanent address
Primary Table:	Discharge
Release Level:	GOV-SPEC
Data Type:	Varchar
Format:	Open Text
Length:	100
CHIA-Derived:	No
Description:	Street address for the patient's temporary residence, as provided by the hospital. CHIA does not alter or standardize this element.

TotalCharges (Service)

Short Description:	Total cost for a given service
Primary Table:	Service
Release Level:	CORE
Data Type:	Decimal
Format:	Continuous
Length:	10.0
CHIA-Derived:	No
Description:	Sum of charges for a specific service provided to the patient, as designated by RevenueCode. Reported to the nearest whole number.

TotalCharges (SubmissionLog)

Short Description:	Total inpatient charges for the facility for the quarter
Linking Tables:	SubmissionLog
Release Level:	CORE
Data Type:	Numeric
Format:	Continuous
Length:	19.4
CHIA-Derived:	No
Description:	Sum of inpatient charges for the facility for the given quarterly submission. Reported to the nearest whole number.

TotalChargesAll

Short Description:	Total hospital charges
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Decimal
Format:	Continuous
Length:	18.0
CHIA-Derived:	No
Description:	The total charges associated with the inpatient stay, rounded to the nearest dollar, as summarized by specific accommodation revenue code(s). Total charges do not include charges for telephone service, television, or private duty nurses. Any charges for a leave of absence period are included in the routine accommodation charges for the appropriate service (medical/surgical, psychiatry) from which the patient took the leave of absence. Any other routine admission charges or daily charges under which expenses are allocated to the routine or special care reporting centers on the CHIA's hospital cost reports are included in the total charges. A charge of \$0 is not permitted unless the patient has a special Departure Status.

TotalChargesAncillaries

Short Description:	Hospital ancillary charges
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Decimal
Format:	Continuous
Length:	18.0
CHIA-Derived:	No
Description:	The full, undiscounted charges for patient care summarized by the specific ancillary service revenue code(s).

TotalChargesRoutine

Short Description:	Hospital routine charges
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Decimal
Format:	Continuous
Length:	18.0
CHIA-Derived:	No
Description:	The full, undiscounted charges for patient care summarized by the prescribed revenue code(s) for routine accommodation services.

TotalChargesSpecial

Short Description:	Special charges for hospital services
Primary Table:	Discharge
Release Level:	CORE
Data Type:	Decimal
Format:	Continuous
Length:	18.0
CHIA-Derived:	No
Description:	The full, undiscounted charges for patient care summarized by the prescribed revenue code(s) for accommodation services in special care units which provide patient care of a more intensive nature than that provided in the general medical care units.

TransmittalID

Short Description:	CHIA processing element
Primary Table:	SubmissionLog
Release Level:	CORE
Data Type:	Integer
Format:	Identifier
Length:	10
CHIA-Derived:	No
Description:	CHIA processing element.

Type

Short Description:	Facility type
Primary Table:	Organization
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	50
CHIA-Derived:	No
Description:	Indicates the type of facility where the patient received inpatient care. See also OrganizationTypeID.

TypeOfService

Short Description:	Type of service
Primary Table:	Service
Release Level:	CORE
Data Type:	Varchar
Format:	Categorical
Length:	3
CHIA-Derived:	Yes
Description:	Type of service received. Possible values are “ANC” (ancillary service) and “ACC” (accommodation service).

UHIN

Short Description:	Unique patient ID
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varbinary
Format:	Identifier
Length:	64
CHIA-Derived:	No
Description:	CHIA-generated unique identifier for the patient. CHIA gives each patient a Unique Health Information Number (UHIN), which is a surrogate key that can link patients over time and across facilities. The UHIN is generated based on the unique information reported by hospitals. In cases where insufficient information is reported by hospitals, a value of "000000001" is assigned to the UHIN element. In cases where invalid information is reported by hospitals, a value of "4" is assigned to the UHIN element. Invalid information may occur when demographic information (age, sex, etc.) is not consistent within the same UHIN record.

UHIN_SequenceNo

Short Description:	Order of hospital discharges for a patient
Primary Table:	Discharge
Release Level:	LDS
Data Type:	Varchar
Format:	Continuous
Length:	3
CHIA-Derived:	Yes
Description:	This calculated element indicates the chronological order of discharges for patients with multiple inpatient discharges in a fiscal year. A match with the Unique Health Information Number (UHIN) is used to make the determination that a patient has had multiple discharges. UHIN_SequenceNo uses the following data conventions: (1) The sequence number is calculated by sorting the file by UHIN and DischargeDate (in ascending order). (2) The sequence number is then calculated by incrementing a counter for each UHIN's set of discharges. A sequence number of "1" indicates the first discharge for the UHIN in that fiscal year. (3) If a UHIN has two visits on the same day, the visit date is used as the secondary sort key. (4) If the UHIN is undefined (not reported, unknown or invalid), the sequence number is set to zero.

UnitsOfService

Short Description:	Number of days with an accommodation charge
Primary Table:	Service
Release Level:	CORE
Data Type:	Integer
Format:	Continuous
Length:	10
CHIA-Derived:	No
Description:	A quantitative measure of utilization of specific hospital services corresponding to prescribed revenue codes. For routine and special care accommodations, the units of service are given in days.

VeteransStatus

Short Description:	Veteran status
Primary Table:	Discharge
Release Level:	GOV
Data Type:	Varchar
Format:	Categorical
Length:	1
CHIA-Derived:	No
Description:	Indicates veteran status, using the below codes.
Reference Table:	Numeric codes correspond to descriptions as follows: • 1: Yes • 2: No (includes never in military, currently inactive duty, National Guard or reservist with 6 months or less active duty) • 3: Not applicable (should be used for patients who have not turned 18 years old) • 4: Not determined (information not available)

Year

Short Description:	Year of data submission
Primary Table:	Discharge
Linking Tables:	Service SubmissionLog
Release Level:	CORE
Data Type:	Integer in Discharge, SubmissionLog tables Varchar in Service table
Format:	Date (YYYY)
Length:	4
CHIA-Derived:	No
Description:	Calendar year the data was submitted to CHIA.

Longer Reference Tables

The FY 2025 HIDD has 20 standard reference tables. These relate to categorical variables that are driven by the [Hospital Inpatient Discharge Database Submission Guide](#). Some of the tables have been integrated into the data dictionary. This section contains longer tables used by multiple data elements. Users of the data with additional questions about any specific Reference table should contact CHIA at CaseMix.data@chiamass.gov.

Table 1a. Admission Source

Principal Data Element: AdmissionSourceCode1
Other Data Elements: AdmissionSourceCode2
Rules: All other values are invalid.
Last Updated: 04/2020

Code	Description
0	Information Not Available
1	Direct Physician Referral
2	Within Hospital Clinic Referral
3	Direct Health Plan Referral/HMO Referral
4	Transfer from Acute Hospital
5	Transfer from a Skilled Nursing Facility (SNF)
6	Transfer from Intermediate Care Facility (ICF)
7	Outside Hospital Emergency Room Transfer
8	Court/Law Enforcement
9	Other (to include level 4 Nursing Facility)
F	Transfer from a Hospice Facility
J	Transfer from another unit within same hospital
K	Transfer from a Designated Disaster Alternative Care Site
L	Outside Hospital Clinic Referral
M	Walk-In/Self-Referral
R	Within Hospital ER Transfer
T	Transfer from Another Institution's Ambulatory Surgery (SDS)
U	Transfer to Swing bed in same facility
V	Transfer from another facility to Swing bed

Code	Description
W	Extramural Birth
X	Observation
Y	Within Hospital Ambulatory Surgery Transfer (SDS Transfer)

Table 1b. Newborn Admission Source

Code	Description (Specific to Newborn)
0	Information Not Available
A	Normal Delivery
B	Premature Delivery
C	Sick Baby
D	Extramural Birth

Table 2. Condition Present

Principal Data Element: `PrimaryConditionPresent`
Other Data Elements: `ConditionPresent, ConditionPresentECode`
Rules: All other values are invalid.
Last Updated: 01/31/2017

CODE	DESCRIPTION
Y	Yes
N	No
U	Unknown
W	Clinically undetermined
1	Not applicable (only valid for NCHS official published list of not applicable ICD-9-CM or ICD-10-CM codes for POA flag)
[Blank]	Not applicable (only valid for NCHS official published list of not applicable ICD-9-CM or ICD-10-CM codes for POA flag)

Table 3. Patient Status

Look-up Table: Patient Status
Principal Data Element: PatientStatus
Rules: All other values are invalid.
Last Updated: 04/21/2020

Code	Description
01	Discharged/transferred to home or self-care (routine discharge)
02	Discharged/transferred to another short-term general hospital for inpatient care
03	Discharged, transferred to Skilled Nursing Facility (SNF)
04	Discharged/transferred to an Intermediate Care Facility (ICF)
05	Discharged/transferred to a Designated Cancer Center or Children's Hospital.
06	Discharged/transferred to home under care of organized home health service organization
07	Left against medical advice (AMA)
08	Discharged/transferred to home under care of a Home IV Drug Therapy Provider
09	Not allowed in the MA Hospital Inpatient Discharge Data
12	Discharged Other
13	Discharged/transferred to rehab hospital
14	Discharged/transferred to rest home
15	Discharged to Shelter
20	Expired (or did not recover - Christian Science Patient)
41	Expired in a Medical Facility (e.g., hospital, SNF, ICF, or free standing hospice)
43	Discharged/transferred to federal healthcare facility
50	Discharged to Hospice - Home
51	Discharged to Hospice Medical Facility
61	Discharged/transferred within this institution to a hospital-based Medicare-approved swing bed
62	Discharged/transferred to an inpatient rehabilitation facility (IRF) including rehabilitation distinct part units of a hospital.
63	Discharged/transferred to a Medicare certified long term care hospital.
64	Discharged/transferred to a nursing facility certified under Medicaid but not certified under Medicare
65	Discharged/transferred to psychiatric hospital or psychiatric distinct part unit of a hospital.

Code	Description
66	Discharged/transferred to a Critical Access Hospital (CAH).
69	Discharged/transferred to a Designated Alternative Care Site.
70	Discharged/transferred to another type of health care institution not defined elsewhere in this code list
81	Discharged to home or self-care with a planned acute care hospital inpatient readmission
82	Discharged/transferred to a short-term general hospital for inpatient care with a planned acute care hospital inpatient readmission
83	Discharged/transferred to a skilled nursing facility (SNF) with Medicare certification with a planned acute care hospital inpatient readmission
84	Discharged/transferred to a facility that provides custodial or supportive care with a planned acute care hospital inpatient readmission
85	Discharged/transferred to a designated cancer center or children's hospital with a planned acute care hospital inpatient readmission
86	Discharged/transferred to home under care of organized home health service organization with a planned acute care hospital inpatient readmission
87	Discharged/transferred to court/law enforcement with a planned acute care hospital inpatient readmission
88	Discharged/transferred to a federal health care facility with a planned acute care hospital inpatient readmission
89	Discharged/transferred to a hospital-based Medicare approved swing bed with a planned acute care hospital inpatient readmission
90	Discharged/transferred to an inpatient rehabilitation facility (IRF) including rehabilitation distinct part units of a hospital with a planned acute care hospital inpatient readmission
91	Discharged/transferred to a Medicare certified long term care hospital (LTCH) with a planned acute care hospital inpatient readmission
92	Discharged/transferred to a nursing facility certified under Medicaid but not certified under Medicare with a planned acute care hospital inpatient readmission
93	Discharged/transferred to a psychiatric distinct part unit of a hospital with a planned acute care hospital inpatient readmission
94	Discharged/transferred to a Critical Access Hospital (CAH) with a planned acute care hospital inpatient readmission
95	Discharged/transferred to another type of health care institution not defined elsewhere in this code list with a planned acute care hospital inpatient readmission

Table 4. Payer Type

Principal Data Element: PrimaryPayerType
Principal Data Elements: SecondaryPayerType
Rules: All other values are invalid.
Last Updated: 10/01/2024
Note: New code “P” added in FY 25.
Refer to complete listing at: [CHIA Payer Type/Source Codes](#)
(sheet titled “FY26 Payer Source”)

Payer Type Code	Payer Type Abbreviation	Payer Type Definition
1	SP	Self-Pay
2	WOR	Worker's Compensation
3	MCR	Medicare
F	MCR-MC	Medicare Managed Care (includes Medicare Advantage)
4	MCD	Medicaid
B	MCD-MC	Medicaid Managed Care / MCO
5	GOV	Other Government Payment
7	COM	Commercial Insurance
D	COM-MC	Commercial Managed Care
8	HMO	HMO
9	FC	Free Care
0	OTH	Other Non-Managed Care Plans
E	PPO	PPO and Other Managed Care Plans Not Elsewhere Classified
H	HSN	Health Safety Net
J	POS	Point-of-Service Plan
K	EPO	Exclusive Provider Organization
T	AI	Auto Insurance
N	None	None (Valid only for Secondary Payer)
Q	CommCare	Commonwealth Care/Connector Care Plans
Z	DEN	Dental Plans
S	SCO/ICO	Senior Care Options / Integrated Care Organization
A	MCD-ACO	Medicaid Accountable Care Organization

Payer Type Code	Payer Type Abbreviation	Payer Type Definition
C	COM-ACO	Commercial Accountable Care Organization
P	PACE	Program of All-Inclusive Care for the Elderly (PACE)
1	SP	Self-Pay
2	WOR	Worker's Compensation

Table 5. Payment Source

Principal Data Element:	PayerCode1
Other Data Elements:	PayerCode2
Rules:	All other values are invalid.
Last Updated:	10/01/2025
Note:	Payer source 323 was renamed from Steward Health Choice (ACO) to Revere Health Choice (ACO) in FY 25.
Refer to complete listing at:	CHIA Payer Type/Source Codes (sheet titled "FY26 Payer Source")

Table 6. State

Principal Data Element:	PermanentPatientStateLDS
Other Data Elements:	State, TemporaryPatientStateLDS
Rules:	All other values are invalid. Must be present when Patient Country is 'US'. Must be valid U.S. postal code for state.

Code	Description
CT	Connecticut
ME	Maine
MA	Massachusetts
NH	New Hampshire
NY	New York
RI	Rhode Island
VT	Vermont

Note: The LDS includes only the states listed above. The default code of XX is used for any other state or U.S. territory.