

2016 Hospital Inpatient Encounter Data – Release Notes

# Opening Statement

These release notes are for the MHDO 2016 Hospital Inpatient Encounter data. This is the first release where all data were submitted through the new MHDO Hospital Portal. One of the primary goals of the new Portal is improving data quality by monitoring and validating data at the point of submission. The new system utilizes approximately 300 rules and thresholds to validate the content and completeness of the inpatient data.

# Documentation Included with This Release

The documentation included in this release:

1. MHDO’s Release Notes (this document)
2. MHDO’s 2016 Hospital Inpatient Record Counts
3. Inpatient Level II Base Layout (New: provides a detailed description of the file layout)
4. Rule Chapter 241, Uniform Reporting System for Hospital Inpatient Data Sets and Hospital Outpatient Data Sets <https://mhdo.maine.gov/_finalStatutesRules/Chapter%20241_151122.doc>
5. MHDO Hospital Encounter FAQs: https://mhdo.maine.gov/faqs\_data.html#hosp data

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# Hospital Information

| Hospital Name | MHDO Hospital ID | Hospital Type | Status |
| --- | --- | --- | --- |
| Acadia Hospital | 200004 | Private Psych | Active |
| Blue Hill Memorial Hospital | 200051 | Critical Access | Active |
| Bridgton Hospital | 200007 | Critical Access | Active |
| Calais Regional Hospital | 200055 | Critical Access | Active |
| Cary Medical Center | 200031 | Acute Care | Active |
| Central Maine Medical Center | 200024 | Acute Care | Active |
| Charles A. Dean Memorial Hospital | 200023 | Critical Access | Active |
| Dorothea Dix Psychiatric Center | 200057 | State Psych | Active |
| Down East Community Hospital | 200027 | Critical Access | Active |
| Eastern Maine Medical Center | 200033 | Acute Care | Active |
| Franklin Memorial Hospital | 200037 | Acute Care | Active |
| Henrietta D. Goodall Hospital[[1]](#footnote-2) | 200040 | Acute Care | Closed -10/23/2015 |
| Houlton Regional Hospital | 200026 | Critical Access | Active |
| Inland Hospital | 200041 | Acute Care | Active |
| LincolnHealth | 201302 | Critical Access | Active |
| Maine Coast Memorial Hospital | 200050 | Acute Care | Active |
| Maine Medical Center | 200009 | Acute Care | Active |
| MaineGeneral Medical Center  | 200015 | Acute Care | Active |
| Mayo Regional Hospital | 200066 | Critical Access | Active |
| Mercy Hospital | 200008 | Acute Care | Active |
| Mid Coast Hospital | 200044 | Acute Care | Active |
| Millinocket Regional Hospital | 200003 | Critical Access | Active |
| Mount Desert Island Hospital | 200038 | Critical Access | Active |
| New England Rehabilitation Hospital | 200010 | Rehab | Active |
| Northern Maine Medical Center | 200052 | Acute Care | Active |
| Parkview Adventist Medical Center | 200025 | Acute Care | Closed – 8/20/2015 |
| Pen Bay Medical Center | 200063 | Acute Care | Active |
| Penobscot Valley Hospital | 200062 | Critical Access | Active |
| Redington-Fairview General Hospital | 200012 | Critical Access | Active |
| Riverview Psychiatric Center | 200056 | State Psych | Active |
| Rumford Hospital | 200016 | Critical Access | Active |
| Sebasticook Valley Health | 200028 | Critical Access | Active |
| Southern Maine Health Care | 200019 | Acute Care | Active |
| Spring Harbor Hospital  | 200067 | Private Psych | Active |
| St. Joseph Hospital | 200001 | Acute Care | Active |
| St. Mary’s Regional Medical Center | 200034 | Acute Care | Active |
| Stephens Memorial Hospital | 200032 | Critical Access | Active |
| The Aroostook Medical Center | 200018 | Acute Care | Active |
| Waldo County General Hospital | 200013 | Critical Access | Active |
| York Hospital | 200020 | Acute Care | Active |

#  Data Layout/Format

The excel document "Inpatient Level II Base Layout" provides a detailed description of the layout that the 2015 and 2016 MHDO Inpatient Hospital Encounter data are in. In general, records with discharge dates before 10/1/2015 used ICD-9 data elements while those discharged on or after this date used the new ICD-10 data elements. Note: ICD-9 and ICD-10 data elements are stored in different fields. For instance, the ICD-9 principal diagnosis is stored in the field IP7004\_PrincipalDiagnosisCode while the ICD-10 version is stored in IP7104\_PrincipalDiagnosis. Whenever possible, data elements are prefixed with the data element name from the input layout specified in Rule Chapter 241, Uniform Reporting System for Hospital Inpatient Data Sets and Hospital Outpatient Data Sets, which provides additional details on the derivation of each element in Appendix B-2 (<https://mhdo.maine.gov/_finalStatutesRules/Chapter%20241_151122.doc>).

Value add fields that are not directly mapped from the input layout are prefixed with identifiers that begin with 4 alphabetic characters, to allow easy differentiation. For example, the patient age, which is calculated using date of birth and the admission/start of care date, is found under the field name IPMVA21\_AGE.

# MHDO Assigned Payer Category Codes

Starting with the 2015 data release, we updated our MHDO assigned payer category codes based on conversations with the data user group. The codes ‘12’ Medicare Advantage and ‘00’ Unknown were added, while ‘05’ Blue Cross has been removed. Blue Cross is now recoded as ‘06’ Commercial Carriers. In addition to the category codes[[2]](#footnote-3), we also include the National Association of Insurance Commissioners (NAIC) Payer Code and Payer Name as received on the encounter records. Payer Names are released if the name does not disclose an individual - over 90% of payer names are released.

| MHDO Assigned Payer Category Code | Category Name | Payer Name Examples |
| --- | --- | --- |
| 01 | MEDICARE | MEDICARE, MEDICARE A B, MEDICARE PART A IP |
| 02 | MEDICAID | MAINECARE, MEDICAID - OUT OF STATE |
| 04 | [TRICARE/USVA](#RANGE!_ftn1) | CHAMPVA, TRICARE, VA TOGUS |
| 06 | COMMERCIAL CARRIERS | AETNA HMO, ANTHEM BCBS, UNITED HEALTH |
| 07 | CHARITY/UNCOMPENSATED CARE | DISCOUNTED CARE, FREE CARE, UNCOMP CARE |
| 08 | SELF PAY | SELF PAY NO INSURANCE, S/P SELF PAY |
| 09 | WORKERS COMPENSATION | BATH IRON WORKS WC, LIBERTY MUTUAL WC |
| 11 | OTHER | RISK MANAGEMENT, HOSPICE |
| 12 | MEDICARE ADVANTAGE | AETNA MEDICARE HMO, HUMANA MEDICARE |
| 00 | UNKNOWN | MH NET, RM DEPT, MISC PAYER MISC ADDRESS |

# Assignment of Geocodes

If your data request includes the release of ZIP codes, you will also receive a geocode. The MHDO assigns a geocode when the city, state, and ZIP code match the entries that appear on the canonical list of geocode values (a data table of Maine geocodes provided by the Maine Office of GIS (MEGIS) is the canonical list used for the assignment and is included in this release). The MHDO will not impute geocodes based on incomplete or conflicting city, state, or ZIP code information. In order to improve our ability to assign geocodes, we are working with those facilities that have not provided consistent city, state, and ZIP code information. For this release, we were able to assign a geocode for 99.5% of the encounters.

# Assignment of Hospital Service Areas (HSA)

If your data request includes the release of ZIP codes, you will also receive two HSA assignments. One (IPML23\_Original\_SA) is based on the Dartmouth Atlas of Health Care methodology and the other (IPML25\_MMC\_HSA) is based on a methodology developed by the MaineHealth/Maine Medical Center Planning Department which is also based on the Dartmouth Atlas of Health Care methodology with a few modifications.

# Diagnostic Related Group (DRG) Calculation

MHDO assigns the DRG using the 3M Grouper software. Currently, two different sets of DRG codes and Major Diagnostic Categories (MDC) codes are created: one based on the All Patients Refined Diagnosis Related Groups (APR-DRG) and the other on the Medicare Severity-Diagnosis Related Groups (MS-DRG). The MDHO had previously also distributed two older versions of DRGs (AP-DRGS and CMS-DRGs) which have since been depreciated by their maintainers.

Both the APR-DRG and the MS-DRG are revised annually. The version of the DRGs used for records with discharge dates before 10/1/2015 was 32.0; the version used for records on or after this date was 33.0.

# MHDO-Assigned Medical Record Numbers (MRN)

The MHDO-assigned Medical Record Number (MRN) is an obfuscated and transformed version of the MRN that is submitted by facilities to uniquely identify patients. The MRN is used by the hospital data system to tie information about a particular encounter to a patient's medical history and care information. It has come to our attention that some hospitals assign different MRN’s for the same patient who accesses both their inpatient and outpatient services.  Because of this, MHDO is not always able to create a unique patient identifier within and across facilities. Note: MHDO is proposing a rule change this summer that if approved will address this issue and allow the MHDO to create a master patient index.

# Emergency Department Flag

The methodology used to identify ED-involved encounters is the following: any inpatient visit that has a revenue code of 0450, 0452, 0456, or 0459 is considered an ED visit.

# Hospital Specific Data Notes

None.

# Other Release Reports

1. MHDO's 2016 Hospital Inpatient Records Counts – Excel Document

The IP Record Counts shows the current state of the unified IP master file by discharge date for 2015.

1. Inpatient Level II Base Layout – Excel Document

This Inpatient Level II Base Layout is the standard file layout including ICD-10, which can vary by data level (I, II, III) as defined in MHDO Rule Chapter 120, RELEASE OF DATA TO THE PUBLIC (<https://mhdo.maine.gov/_finalStatutesRules/Chapter%20120%20Data%20Release_Effective160728%20.docx>). MHDO Level I Data is considered MHDO De-Identified Data. MHDO Level II Data releases are a limited data set. MHDO Level III Data includes MHDO Direct Patient Identifiers.

1. Rule Chapter 241, Uniform Reporting System for Hospital Inpatient Data Sets and Hospital Outpatient Data Sets

MHDO Rule that governs the submission of hospital data to the MHDO (<https://mhdo.maine.gov/_finalStatutesRules/Chapter%20241_151122.doc>) Appendix A lists the Source Codes with references to specific MHDO data elements by file type. Note: not all data elements collected are releasable.

1. MHDO Hospital Encounter FAQs

MHDO updates these FAQs regularly – they can be found here: https://mhdo.maine.gov/faqs\_data.html#hosp data

1. On Jan. 1, 2014, Southern Maine Medical Center (SMMC), based in Biddeford, and Goodall Hospital, based in Sanford, merged to become Southern Maine Health Care. Goodall Hospital is now known as Southern Maine Health Care, Sanford Campus. As of 10/23/2015, all inpatient services are provided at Southern Maine Health Care in Biddeford. [↑](#footnote-ref-2)
2. MHDO Category Codes are assigned from Payer Name. Discrepancies could exist between the submitted Payer Name or NAIC Payer Code and the MHDO Category Codes. [↑](#footnote-ref-3)