

Division of Health Care Finance and Policy

Fiscal Year: 2008

Inpatient Hospital Discharge Database Documentation Manual

DATE ISSUED: JULY 2009

INTRODUCTION

This documentation manual consists of two sections, General Documentation and Technical Documentation. This documentation manual is for use with the HDD FY2008 database. The FY2008 HDD data was made available as of July 1, 2009

Section I. General Documentation

The General Documentation for the Fiscal Year 2008 Hospital Discharge Database includes background on its development and the DRG Groupers, and is intended to provide users with an understanding of the data quality issues connected with the data elements they may decide to examine. This document contains hospital-reported discrepancies received in response to the data verification process.

Section II. Technical Documentation

The Technical Documentation includes information on the fields calculated by the Division of Health Care Finance Policy (DHCFP), and a data file summary section describing the hospital data that is contained in the file. The data file section contains the Discharge File Table (formerly the record layout), Revenue File Table, and Data Code Tables. Also included are revenue code mappings.

For your reference, CD Specifications are listed in the following section to provide the necessary information to enable users to access files.

Please note that significant changes have been made to the Discharge File Table for FY2007. New fields and values have been added.

Copies of Regulation 114.1 CMR 17.00: Requirement for the Submission of Hospital Case Mix and Charge Data and Regulation 114.5 CMR 2.00: Disclosure of Hospital Case Mix and Charge Data may be obtained by logging on to the Division's web site at http://www.mass.gov/dhcfp/, or by faxing a request to the Division at 617-727-7662, or by emailing a request to the Division at Public.Records@state.ma.us.

CD SPECIFICATIONS

Hardware Requirements:

- * CD ROM Device
- * Hard Drive with 1.60 GB of space available

CD Contents:

*This CD contains the Final / Full Year 2008 Hospital Inpatient Discharge Data Product. It contains two Microsoft Access data base (MDB) files. The first file is the Discharge Table and contains one record per discharge. The second file is the Revenue Code Table that contains one record per revenue code reported for each discharge. The ProviderControlID and DischargeID are key fields on both tables to be utilized for linkage purposes.

As an approved applicant, or its agent, you are reminded that you are bound by your application and confidentiality agreement to secure this data in a sufficient manner, so as to protect the confidentiality of the data subjects.

File Naming Conventions:

This CD contains self-extracting compressed files, using the file-naming convention below.

- a) Hosp_Inpatient_Discharge_2008_L1_zipped.exe will expand out to Hosp_Inpatient_Discharge_2008_L1.mdb
 - b) Hosp_Inpatient_Services_2008_zipped.exe will expand out to Hosp_Inpatient_Services_2008.mdb

In the above example, 2008 represents Hospital Fiscal Year and L1 represents Level 1.

To extract data from the CD and put it on your hard drive, select the CD file you need and double click on it. You will be prompted to enter the name of the target destination.

PART A. BACKGROUND INFORMATION

1.GENERAL DOCUMENTATION OVERVIEW

The General Documentation consists of six sections:

PART A. BACKGROUND INFORMATION: Provides information on the quarterly reporting periods, the development of the FY2008 hospital case mix database, and the DRG methodology used.

PART B. DATA: Describes the basic data quality standards as contained in *Regulation 114.1 CMR 17.00*: *Requirement for the Submission of Hospital Case Mix and Charge Data*, some general data definitions, general data caveats, and information on specific data elements.

Case mix data plays a vital and growing role in health care research and analysis. To ensure the database is as accurate as possible, the DHCFP strongly encourages hospitals to verify the accuracy of their data. A standard *Verification Report Response Form* is issued by the Division, and is used by each hospital to verify the accuracy of their data as it appears on their FY2008 Final Case-mix Verification Report. If a hospital finds data discrepancies, the DHCFP requests that the hospital submit written corrections that provide an accurate profile of that hospital's discharges.

PART C. HOSPITAL RESPONSES: Details hospital responses received as a result of the data verification process. From this section users can also learn which hospitals did not verify their data. This section contains the following lists and charts:

- 1. Summary of Hospitals' FY2008 Verification Report Responses
- 2. Summary of Reported Discrepancies by Category
- 3. Individual Hospital Discrepancy Documentation

PART D. CAUTIONARY USE HOSPITALS: Lists the hospitals for which the Division did not receive four (4) quarters of acceptable hospital discharge data, as specified under Regulation 114.1 CMR 17.00.

PART E. HOSPITALS SUBMITTING DATA: Lists all hospitals submitting data for FY2008, and those that failed to provide any FY2008 data. Also lists hospital discharge and charge totals by quarter for data submissions.

PART F. SUPPLEMENTARY INFORMATION: Provides Supplements I through VI listed in the Table of Contents. Contains specific information on types of errors, hospital locations, and identification numbers.

PART A. BACKGROUND INFORMATION

2. QUARTERLY REPORTING PERIODS

Massachusetts hospitals are required to file case-mix data which describes various characteristics of their patient population, as well as the charges for services provided to their patients in accordance with Regulation 114.1 CMR 17.00. Hospitals report data to the Division on a quarterly basis. For the 2008 period, these quarterly reporting intervals were as follows:

Quarter 1: October 1, 2007 – December 31, 2007

Quarter 2: January 1, 2008 – March 31, 2008

Quarter 3: April 1, 2008 – June 30, 2008

Quarter 4: July 1, 2008 – September 30, 2008

PART A. BACKGROUND INFORMATION

3. DEVELOPMENT OF THE FISCAL YEAR DATABASE

Please note that the Division issued new submission specifications that took effect on October 1, 2006 for the FY2008 data base. The new specifications changed the database significantly. There are both new fields and new code values, as well as changes to certain existing code values. Further details are provided under the Data File contents section.

In 2001, the Division significantly restructured its Information System that produces the Hospital Case Mix and Charge Database. Two of the Division's objectives were to improve operational efficiency as well as to improve the quality of the database for data users. Improved data cleaning, integrity checks, and modification to the file structure were just a few ways we worked to improve the database. Additions that went into effect on October 1, 2001 included an ER indicator and an Observation indicator. Further detail is provided under the Data File Contents section.

Six Fiscal Year 2008 data levels have been created to correspond to the levels in *Regulation* 114.5 CMR 2.00; "Disclosure of Hospital Case Mix and Charge Data".

(Please note that in the past, for the lower levels of data, deniable elements were not included in the database at all. This year, the deniable elements will merely be suppressed.) The user will have access to deniable data elements depending on the level of data for which they have been approved, and as specified for the various levels below.

Higher levels contain an increasing number of the data elements defined as "Deniable Data Elements" in Regulation 114.5 CMR 2.00. The deniable data elements include: medical record number, billing number, Medicaid Claim Certificate Number (Medicaid Recipient ID number), unique health information (UHIN) number, date of admission, date of discharge, date of birth, date(s) of surgery, and the unique physician number (UPN). The six levels include:

LEVEL I LEVEL II	Contains all case mix data elements, except the deniable data elements Contains all Level I data elements, plus the UPN
LEVEL III	Contains all Level I data elements, plus the patient UHIN, the mother's
	UHIN, an admission sequence number for each UHIN admission record, and may include the number of days between inpatient stays for each UHIN record.
LEVEL IV	Contains all Level I data elements, plus the UPN, the UHIN, the
DE VEE IV	mother's UHIN, an admission sequence number for each UHIN admission record, and may include the number of days between inpatient stays for each UHIN record.
LEVEL V	Contains all Level IV data elements, plus the date of admission, date of
	discharge, and the date(s) of surgery.
LEVEL VI	Contains all of the deniable data elements except the patient identifier component of the Medicaid recipient ID number.

PART A. BACKGROUND INFORMATION

4. DRG GROUPERS

The FY2008 Hospital Discharge database has been grouped with 4 groupers:

- 1) All Patient Version 12.0
- 2) All Patient Version 21.0
- 3) All Patient Refined Version 20.0
- 4) Centers for Medicare and Medicaid Services (CMS) V24.0

Beginning in October 1991, the DHCFP began using 3M's All-Patient Grouper to classify all patient discharges for hospital's profiles of discharges and for the yearly database. This change in the grouping methodology was made because the All-Patient DRG better represented the general population and provided improvements in areas such as Newborns and the HIV population.

As part of the landmark health care reform legislation passed in April 2006, as well as careful consideration of the analytic work the Division is mandated to perform, the hospital discharge database contains one new grouping classification: Centers for Medicare and Medicaid Services (CMS) Version 24.0. Additionally, the All Patient Refined Grouper was upgraded from Version 15.0 to Version 20.0. Two All Patient DRG groupers were dropped: V14.1 and V18.0.

The All Patient-DRG methodology (Version 12.0, and 21.0) as well as the All Patient Refined DRG methodology (Version 20.0) is not totally congruent with the ICD-9-CM procedure and diagnosis codes in effect for this fiscal year. Therefore, it was necessary to convert some ICD-9-CM codes to those acceptable to these groupers. The DHCFP mapped the applicable ICD-9-CM codes into a clinically representative code using the historical mapper utility provided by 3M Health Information Systems. This conversion was done internally for the purpose of DRG assignment and in no way alters the original ICD-9-CM codes that appear on the database. These codes remain on the database as they were reported by the hospitals. The Division uses the version of the CMS grouper compatible with the fiscal year. Consequently, mapping ICD-9-CM codes is not necessary for this grouping system.

There are several birth weight options within the 3M Grouper software for determining newborn DRG assignment. Option 5, which determines the newborn DRG by inferring the birth weight from the ICD-9-CM code, is used as the birth weight option in implementations of groupers AP V12.0, V21.0 and APR V20.0. Birth Weight option is not applicable to the CMS grouper.

DRGs and the Verification Report Process

The hospital's profile of discharges, grouped by APR 20.0, is part of the verification report. Hospitals only comment on this grouped profile.

PART A. BACKGROUND INFORMATION

4. DRG GROUPERS

All Patient Refined Grouper (3M APR-DRG 20.0)

The All Patient Refined DRGs (3M APR-DRG) are a severity/risk adjusted classification system that provide a more effective means of adjusting for patient differences. APR-Version 20.0 replaces the previously used APR V15.0.

The 3M APR-DRGs expand the basic DRG structure by adding four subclasses to each illness and risk of mortality. Severity of illness and risk of mortality relate to distinct patient attributes. Severity of illness relates to the extent of physiologic decompensation or organ system loss of function experience by the patient, while risk of mortality relates to the likelihood of dying. For example, a patient with acute cholecystitis as the only secondary diagnosis is considered a major severity of illness but a minor risk of mortality. The severity of illness is major since there is significant organ system loss of function associated with acute cholecystitis. However, it is unlikely that the acute cholecystitis alone will result in patient mortality and thus, the risk of mortality for this patient is minor. If additional diagnoses are present along with the acute cholecystitis, patient severity of illness and risk of mortality may increase. For example, if peritonitis is present along with the acute cholecystitis, the patient is considered an extreme severity of illness and a major risk of mortality.

Since severity of illness and risk of mortality are distinct patient attributes, separate subclasses are assigned to a patient for severity of illness and risk of mortality. Thus, in the APR-DRG system, a patient is assigned three distinct descriptors:

*The base APR-DRG (e.g., APR-DRG 194 – Heart Failure or APR-DRG 440 – Kidney Transplant)

The four severity of illness subclasses and the four risk of mortality subclasses are numbered sequentially from 1 to 4 indicating respectively, can not be assigned, minor, moderate, major, or extreme severity of illness or risk of mortality. For a handful of discharges, the risk of mortality and/or the severity of illness indicator(s) can not be assigned due to data or ICD-9-CM coding errors. In these cases, the risk of mortality and/or the severity of illness indicator(s) are assigned a code of '0'.

^{*}The severity of illness subclass

^{*}The risk of mortality subclass

PART A. BACKGROUND INFORMATION

4. DRG GROUPERS

The Division's FY 2008 Discharge Database contains the **APR-DRG 20.0**, **the APR-MDC 20.0**, **the severity subclass**, **and the mortality subclass**. For applications such as evaluating resource use or establishing patient care guidelines, the 3M APR-DRGs in conjunction with severity of illness subclass is used. The severity subclass data can be found in the Discharge File Table Summary in the variable named "**APR – V20 Severity Level**". For evaluating patient mortality, the 3M APR-DRG in conjunction with the risk of mortality subclass is used. The mortality subclass data can be found in the Discharge File Table in the variable named "**APR – V20 Mortality Level**".

Please note that the Division maintains listings of the DRG numbers and associated descriptions for all DRG Groupers included in the database. These are available upon request.

PART B. DATA

1. DATA QUALITY STANDARDS

The Case Mix Requirement Regulation 114.1 CMR 17.00 requires hospitals to submit case mix and charge data to the Division 75 days after each quarter. The quarterly data is edited for compliance with regulatory requirements, as specified in *Regulation 114.1 CMR 17.00: Requirement for the Submission of Hospital Case Mix and Charge Data*, using a one percent error rate. The one percent error rate is based upon the presence of Type A and Type B errors as follows:

Type A: One error per discharge causes rejection of discharge.

Type B: Two errors per discharge cause rejection of discharge.

If one percent or more of the discharges are rejected, the entire submission is rejected by the DHCFP. These edits primarily check for valid codes, correct formatting, and presence of the required data elements. Please see Supplement I for a list of data elements categorized by error type.

Each hospital receives a quarterly error report displaying invalid discharge information. Quarterly data which does not meet the one percent compliance standard must be resubmitted by the individual hospital until the standard is met.

Verification Report Process

The verification report process is intended to present the hospitals with a profile of their individual data as reported and retained by the Division. The purpose of this process is to function as a quality control measure for hospitals. It allows the hospitals the opportunity to review the data they have provided to the Division and affirm its accuracy. The Verification Report itself is a series of frequency reports covering the selected data elements including the number of discharges, amount of charges by accommodation and ancillary center, and listing of Diagnostic Related Groups (DRGs). Please refer to Supplement II for a description of the Verification Report contents.

PART B. DATA

1. DATA QUALITY STANDARDS

The Verification Report is produced after a hospital has successfully submitted the four quarters of data. The hospital is then asked to review and verify the data contained within the report. Hospitals need to affirm to the Division that the data reported is accurate or to identify any discrepancies. All hospitals are strongly encouraged to closely review their report for inaccuracies and to make corrections so that subsequent quarters of data will be accurate. Hospitals are then asked to certify the accuracy of their data by completing a **Case Mix Verification Report Response Form**.

The Verification Report Response Form allows for two types of responses as follows:

"A" Response: By checking this category, 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" Response: By checking this category, a hospital indicates that the data on the report is accurate except for the discrepancies noted.

If any data discrepancies exist (e.g., a "B" response), the Division requests that hospitals provide written explanations of the discrepancies, so that they may be included in this General Documentation Manual.

<u>Note</u>: The verification reports are available for review. Please direct requests to the attention of Public Records by facsimile to fax # 617-727-7662.

PART B. DATA

2. GENERAL DEFINITIONS

The following general data caveats have been developed from the Division's Case Mix Data Advisory Group, staff members at the Massachusetts Hospital Association (MHA), the Massachusetts Health Data Consortium (MHDC), and the numerous admitting, medical records, financial, administrative, and data processing personnel who call to comment on the Division's procedural requirements.

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

- Collection and Verification of Patient supplied information before or at admission:
- Medical record coding, consistency, and/or completeness;
- Extent of hospital data processing capabilities;
- Flexibility of hospital data processing systems;
- Varying degrees of commitment to quality of merged case mix and charge data;
- Capacity of financial processing system to record late occurring charges on the Division of Health Care Finance and Policy's electronic submission;
- Non-comparability of data collection and reporting.

Case Mix Data

In general terms, the case mix data is derived from patient discharge summaries, which can be traced to information gathered upon admission, or from information entered by admitting and attending physicians into the medical record. The quality of the case mix data is dependent upon hospital data collection policies and coding practices of the medical record staff, as well as the DRG optimizing software used by the hospital.

PART B. DATA

3. GENERAL DATA CAVEATS

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PART B. DATA

3. GENERAL DATA CAVEATS

Charge Data

Issues to consider with charge data: A few hospitals do not have the capacity to add late occurring charges to their electronic submission within the present time frames for submitting data. In some hospitals, "days billed" or "accommodation charges" may not equal the length of the patient's stay in the hospital. One should note that charges are a reflection of the hospital's pricing strategy and may not be indicative of the cost of patient care delivery.

Expanded Data Elements

Care should also be used when examining data elements that have been expanded, especially when analyzing multi-year trends. In order to maintain consistency across years, it may be necessary to merge some of the expanded codes. For example, the Patient Disposition codes were expanded as of January 1, 1994 to include a new code for "Discharged/Transferred to a Rehab Hospital". Prior to this quarter, these discharges would have been reported under the code "Discharged/Transferred to Chronic or Rehab Hospital" which itself was changed to "Discharged/Transferred to Chronic Hospital". If examining these codes across years, one will need to combine the "rehab" and "chronic" codes in the data beginning January 1, 1994.

PART B. DATA

4. GENERAL DATA ELEMENTS

The purpose of the following section is to provide the user with an explanation of some of the data elements included in Regulation 114.1 CMR 17.00, and to give a sense of their reliability.

a. Existing Data Elements

DPH Hospital ID Number - REPLACED with Org ID for FY2007

The Massachusetts Department of Public Health's four-digit identification number. (See Supplement III). *Please note that DPH Hospital ID number has been replaced with Org ID for FY2007, beginning October 1, 2006.*

Patient Race

The accuracy of the reporting of this data element for any given hospital is difficult to ascertain. Therefore, the user should be aware that the distribution of patients for this data element may not represent an accurate grouping of the hospital's population.

Leave of Absence (LOA) Days

Hospitals are required to report these days to the Division, if they are used. At present, the Division is unable to verify the use of these days if they are not reported, nor can the Division verify the number reported if a hospital does provide the information. Therefore, the user should be aware that the validity of this category relies solely on the accuracy of a given hospital's reporting practices.

Principal External Cause of Injury Code

The ICD-9-CM code categorizes the event and condition describing the principal external cause of injuries, poisonings, and adverse effects.

Unique Physician Number (UPN)

The encrypted Massachusetts Board of Registration in Medicine's license number for the attending and operating physician.

Physicians that do not have Board of Registration in Medicine license numbers that are submitted in the Hospital Discharge Database as DENSG, PODTR, and OTHER (codes for Dental Surgeon, Podiatrist, and Other physician) appear in the AttendingPhysID and OperatingPhysID fields as MMMMM or MMMMM3?.

MIDWIF (the code for Midwife) appears in the AttendingPhysID and OperatingPhysID fields as K##### or K#####.

PART B. DATA

4. GENERAL DATA ELEMENTS

Payer Codes

In January 1994, payer information was expanded to include payer type and payer source. Payer type is the general payer category, such as HMO, Commercial, or Workers' Compensation. Payer source is the specific health care coverage plan, such as Harvard Pilgrim Health Plan or Aetna Life Insurance.

Over the years, payer type and payer source codes have been further expanded and updated to reflect the current industry. Effective October 1, 1997, payer type codes started to include Point-Of-Service Plan (POS) and Exclusive Provider Organization (EPO). Effective October 1, 1999, payer type codes were updated for #21 – Commonwealth PPO to Type E – PPO (formerly type C – BCBS). Also effective on this date, payer source codes were expanded to include: 203 – Principal Financial Group; 204 – Christian Brothers; and 271 – Hillcrest HMO.

This year, the Division added a new Payer Type 'Q' for the Commonwealth Care category, and new Payer Sources for the Commonwealth Care plans.

A complete listing of Payer types and sources, including the new codes, can be found in this manual under Part F. Supplementary Information.

Source of Admission

In January 1994, three new sources of admission were added: ambulatory surgery, observation, and extramural birth (for newborns).

The codes were further expanded effective October 1, 1997, to better define each admission source. Physician referral was further clarified as "Direct Physician Referral" (versus calling a health plan for an HMO Referral or Direct Health Plan Referral"). "Clinic Referral" was separated into "Within Hospital Clinic Referral" and "Outside Hospital Clinic Referral". And "Emergency Room Transfer was further delineated to include "Outside Hospital Emergency Room Transfers" and "Walk-In/Self-Referrals". (The latter was added to reflect the fact that Walk-In/Self-Referrals are a common source of admission in hospital emergency rooms.)

Effective October 1, 1999, the Division added a new data element, Secondary Source of Admission, as well as a new source of admission code, "Transfer from Within Hospital Emergency Room", These additions were intended to accommodate those patients with two sources of admission (for example, patients transferred twice prior to being admitted). It is important to note that the code "Transfer from Within" is intended to be used as a Secondary Source of

PART B. DATA

4. GENERAL DATA ELEMENTS

Source of Admission

Admission only, except in cases where the hospital is unable to determine the originating or primary source of admission.

Patient Disposition

Six new discharge/transfer categories were added in January 1994 and October 1997.

- 1) Code 05: To another type of institution for inpatient care or referred for outpatient services to another institution;
- 2) Code 08: To home under care of a Home IV Drug Therapy Provider;
- 3) Code 13: To rehab hospital
- 4) Code 14: To rest home
- 5) Code 50: Discharged to Hospice Home (added 10/1/97)
- 6) Code 51: Discharged to Hospice Medical Facility (added 10/1/97)

Accommodation and Ancillary Revenue Codes

Accommodation and Ancillary Revenue Codes have been expanded to coincide with the current UB-92 Revenue Codes. Effective October 1, 1997, new Accommodation Revenue codes were added for Chronic (code 192), Subacute (code 196), Transitional Care Unit (TCU) (code 197), and for Skilled Nursing Facility (SNF) (code 198).

Also, effective in 1998, Ancillary Revenue Code 760 was separated into individual UB-92 components which include Treatment Room (code 761), Observation Room (code 762), and Other Observation Room (code 769). Please note that the required standard unit of service for codes 762 and 769 is "hours".

Unique Health Identification Number (UHIN)

The patient's social security number is reported as a nine-digit number, which is then encrypted by the Division into a Unique Health Information Number (UHIN). Therefore, a social security number is never considered a case mix data element. Only the UHIN is considered a database element and only the encrypted number is used by the Division. Please note that per regulation 114.1 CMR 17.00, the number reported for the patient's social security number should be the patient's social security number, not the social security number of some other person, such as the husband or wife of the patient. Likewise, the social security number for the mother of a newborn should not be reported in this field, as there exists a separate field designated for social security number of the newborn's mother.

PART B. DATA

4. GENERAL DATA ELEMENTS

b. New Data Elements (as of October 1, 2006)

Effective October 1, 2006, the following new data elements were added to Regulation 114.1 CMR 17.00. Additionally, new code values were added for race and patient status. Please note that implementation took place in two phases.

Race: Previously there was a single field to report patient race. Beginning this year, there are three fields to report race. Race 1, Race 2, and Other Race (a free text field for reporting any additional races). Also, race codes have been updated. Please see the Data Codes section for a listing of updated values. These are consistent with both the federal OMB standards and code set values, and the EOHHS Standards for Massachusetts.

Hispanic Indicator: A flag to indicate whether the patient is or is not Hispanic/Latino/Spanish.

Ethnicity: Three fields – separate from patient race -- to report patient ethnicity. Ethnicity 1, Ethnicity 2, and Other Ethnicity (a free text field for reporting additional ethnicities). Please see the Data Codes section for a listing of the 33 ethnicities.

Homeless Indicator: A flag to indicate whether the patient is or is not known to be homeless.

Condition Present on Admission Indicator: This is a qualifier for each diagnosis code (Primary, Diagnosis I – XIV, and primary E-Code field) indicating onset of diagnosis preceded or followed admission.

Permanent & Temporary US Patient Address:

Patient address now includes the following fields:

Patient Street Address
Patient City/Town
Patient State
Permanent Patient Country (ISO-3166)

New Zip Code Requirements: Zip codes must be 0's if unknown or if the patient country is not the United States.

New Patient Status Values: Please see data codes section for new values. Values were updated to be consistent with UB-92 standards.

HCF Organization ID: This replaces the MDPH Hospital Computer #. Previously this was reported for ED data only.

Transfer Hospital Org ID: Organization ID of the transferring hospital, if any.

PART B. DATA

4. GENERAL DATA ELEMENTS

Hospital Service Site Reference: OrgID for site of service.

Surgeon License Number & Date: Expanded from 3 to 15 procedures.

New Data Elements (as of October 1, 2001)

Effective October 1, 2001, two new data elements were added to Regulation 114.1 CMR 17.00 – en ER indicator and an Observation indicator.

ER Indicator

A flag to indicate whether the patient was admitted from the hospital's emergency department.

Observation Indicator

A flag to indicate whether the patient was admitted from the hospital's outpatient observation department.

New Payer Sources

The following new payer sources were added as of October 1, 2001:

207 – Network Health (Cambridge Health Alliance MCD Program)

208 – HealthNet Boston (Boston Medical Center MCD Program)

272 - Auto Insurance

990 – Free Care – co-pay, deductible, or co-insurance (for use with #143)

New Payer Type

One new payer type was added – Auto Insurance (Code T – Abbreviation AI).

New Data Elements (as of October 1, 1999)

Effective October 1, 1999, several new data elements were added to Regulation 114.1 CMR 17.00. They are as follows.

Secondary Source of Admission

A code indicating the source of referring or transferring the patient to inpatient status in the hospital. The Primary Source of Admission is the originating, referring, or transferring facility or primary referral source causing the patient to enter the hospital's care. The secondary source of admission is the secondary referring or transferring source for the patient. For example, if a patient has been transferred from a SNF to the hospital's Clinic and is then admitted, the Primary Source of Admission is reported as "5 – Transfer from a SNF" and the Secondary Source of Admission is reported as "Within Hospital Clinic Referral".

PART B. DATA

4. GENERAL DATA ELEMENTS

Do Not Resuscitate (DNR) Status

A 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 status means not to revive a patient from potential or apparent death or that a patient was being treated with comfort measures only.

Mother's Social Security Number (for infants up to one year old)

The social security number of the patient's mother reported as a nine-digit number for newborns or for infants less than 1 year old. The mother's social security number is encrypted into a Unique Health Information Number (UHIN) and is never considered a case mix data element. Only the UHIN is considered a database element and only this encrypted number is used by the Division.

Mother's Medical Record Number (for newborns born in the hospital)

The medical record number assigned within the hospital to the newborn's mother. This medical record number distinguishes the patient's mother and the patient's mother's hospital record(s) from all others in that institution.

Facility Site Number

A hospital determined number used to distinguish multiple sites that fall under one organizational ID number.

Organization ID

A unique facility number assigned by the Division.

Associated Diagnosis 9 – 14

This data element has been expanded to allow for up to 14 diagnoses.

Nurse Midwife Code for ATT and OP MD License Field

Other Caregiver Field

The primary caregiver responsible for the patient's care other than the attending physician, operating room physician, or nurse midwife as specified in the Regulation. Other caregiver includes resident, intern, nurse practitioner, and physician's assistant.

Attending, Operating, and Additional Caregiver National Provider Identifier Fields

Please note that these are not yet part of the database. They are just placeholders for when they are implemented. These data elements will be required when available on a national basis.

PART B. DATA

4. GENERAL DATA ELEMENTS

c. Important Note Regarding the Use of Race Codes

Beginning in FY07, the Division will use the federal OMB standard race codes and code set values. These are also consistent with the EOHHS standards for Massachusetts. There are now three fields for reporting race. Race 1 and Race 2 require the use of one of the 2-digit codes (R1-R5) in the table below. Other Race is a free text field for reporting additional races.

Please see the following table for new HCF Race Codes:

New Race	Description
Code	
R1	American Indian /Alaska Native
R2	Asian
R3	Black/African American
R4	Native Hawaiian or Other Pacific Islander
R5	White
R9	Other Race
Unknow	Unknown/not specified

Race Code Data for FY2006 and prior years

If you have used data in previous years, you may have noted that the Race_Code information in the Inpatient file prior to FY2000 was inconsistent with the way the data was reported to the Division. Furthermore, the Inpatient data product was inconsistent with other data products, such as the Outpatient Observation data product. In FY2000, we corrected this inconsistency by standardizing the Race Code as the following table shows. Please note that to compare pre-FY2000 Inpatient data to data submitted between FY2000 – FY2006, you will have to standardize using the translation table below.

Race Code	Description	Pre-2000 Inpatient FIPA Code
1	White	White
2	Black	Black
3	Asian	Other
4	Hispanic	Unknown
5	American Indian	American Indian
6	Other	Asian
9	Unknown	Hispanic

^{*}This format is consistent across all Division data products for these fiscal years, except pre-2000 Inpatient, and was the same format as reported to the Division.

PART B. DATA

4. GENERAL DATA ELEMENTS

e. DHCFP Calculated Fields

Admission Sequence Number

This calculated field indicates the chronological order of admissions for patients with multiple inpatient stays. A match with the UHIN only, is used to make the determination that a patient has had multiple stays.**

Days Between UHIN Stays

This calculated field indicates the number of days between each discharge and each consecutive admission for applicable patients. Again, a match with the UHIN only, is used to make a determination that a patient has been readmitted. (Please read the comments below.)**

Analysis of UHIN data by the Division has turned up problems with some of the reported data. For a small number of hospitals, little or no UHIN data exists, as these hospitals failed to report patients' social security numbers (SSN). Other hospitals reported the same SSN repeatedly, resulting in numerous admissions for one UHIN. In other cases, the demographic information (age, sex, etc.) was not consistent when a match did exist with the UHIN. Some explanations for this include assignment of a mother's SSN to her infant or assignment of a spouse's SSN to a patient. This demographic analysis shows a probable error rate in the range of 2% - 10%.

In the past, the DHCFP has found that, on average, 91% if the SSNs submitted are valid when edited for compliance with rules issued by the Social Security Administration. Staff continually monitors the encryption process to ensure that duplicate UHINs are not inappropriately generated, and that recurring SSNs consistently encrypt to the same UHIN. Only valid SSNs are encrypted to a UHIN. It is valid for hospitals to report that the SSN is unknown. In these cases, the UHIN appears as '000000001'.

Invalid SSNs are assigned 7 or 8 dashes and an error code. The list of error codes is as follows:

ssn_empty = 1 ssn_notninechars = 2 ssn_allcharsequal = 3 ssn_firstthreecharszero = 4 ssn_midtwocharszero = 5 ssn_lastfourcharszero = 6 ssn_notnumeric = 7 ssn_rangeinvalid = 8 ssn_erroroccurred = 9 ssn_encrypterror = 10

**Based on these findings, the DHCFP strongly suggests that users perform some qualitative checks of the data prior to drawing conclusions about that data.

ORG ID	HOSPITAL NAME	'A'	'B'	NONE	'COMMENTS'
1	Anna Jaques Hospital	✓			
2	Athol Memorial Hospital	✓			
5	Baystate Franklin Medical Center	✓			
6	Baystate Mary Lane Hospital	✓			
4	Baystate Medical Center	✓			
7	Berkshire Medical Center - Berkshire Campus	✓			
7	Berkshire Medical Center - Hillcrest Campus	✓			
53	Beth Israel Deaconess Hospital - Needham	✓			
10	Beth Israel Deaconess Medical Center		✓		See comments
16	Boston Medical Center		✓		See comments
22	Brigham and Women's Hospital	✓			
27	Cambridge Health Alliance		✓		See comments
27	Cambridge Health Alliance - Somerville Campus		✓		See comments
27	Cambridge Health Alliance - Whidden Memorial		✓		See comments
39	Cape Cod Hospital	✓			
42	Caritas Carney Hospital	✓			
62	Caritas Good Samaritan Medical Center	✓			
4460	Caritas Good Samaritan Medical Ctr - Norcap Lodge Campus	~			
75	Caritas Holy Family Hospital and Medical Center		✓		See comments
41	Caritas Norwood Hospital		✓		See comments
114	Caritas St. Anne's Hospital		✓		See comments
126	Caritas St. Elizabeth's Hospital	✓			
46	Children's Hospital Boston	✓			
132	Clinton Hospital	✓			
50	Cooley Dickinson Hospital	✓			
51	Dana-Farber Cancer Institute	✓			
57	Emerson Hospital	✓			

ORG ID	HOSPITAL NAME	'A'	'B'	NONE	'COMMENTS'
8	Fairview Hospital	✓			
40	Falmouth Hospital	✓			
59	Faulkner Hospital		✓		See comments
66	Hallmark Health System - Lawrence Memorial Hospital	✓			
141	Hallmark Health System - Melrose-Wakefield Hospital	~			
68	Harrington Memorial Hospital	✓			
71	Health Alliance Hospitals, Inc.	✓			
73	Heywood Hospital	✓			
77	Holyoke Medical Center	✓			
78	Hubbard Regional Hospital	✓			
79	Jordan Hospital	✓			
81	Lahey Clinic - Burlington Campus	✓			
83	Lawrence General Hospital		✓		See comments
85	Lowell General Hospital	✓			
88	Martha's Vineyard Hospital	✓			
89	Massachusetts Eye and Ear Infirmary		✓		See comments
91	Massachusetts General Hospital	✓			
118	Mercy Medical Center - Providence Campus		✓		See comments
119	Mercy Medical Center - Springfield Campus		✓		See comments
70	Merrimack Valley Hospital	✓			
49	MetroWest Medical Center	✓			
97	Milford Regional Medical Center	✓			
98	Milton Hospital	✓			
99	Morton Hospital	✓			
100	Mount Auburn Hospital		✓		See comments
101	Nantucket Cottage Hospital				See comments
52	Nashoba Valley Medical Center	✓			
103	New England Baptist Hospital	✓			

ORG ID	HOSPITAL NAME	'A'	'B'	NONE	'COMMENTS'
105	Newton Wellesley Hospital		✓		See comments
106	Noble Hospital	✓			
107	North Adams Regional Hospital	✓			
116	North Shore Medical Center, Inc.	✓			
110	Northeast Health Systems - Beverly	✓			
109	Northeast Health Systems - Addison Gilbert	✓			
112	Quincy Medical Center	✓			
127	Saint Vincent Hospital		~		See comments
115	Saints Memorial Medical Center	~			
25	Signature Healthcare Brockton Hospital	✓			
122	South Shore Hospital	~			
123	Southcoast Hospitals Group - Charlton Memorial Campus	✓			
124	Southcoast Hospitals Group - St. Luke's Campus	✓			
145	Southcoast Hospitals Group - Tobey Hospital Campus	✓			
129	Sturdy Memorial Hospital	✓			
104	Tufts Medical Center		✓		See comments
133	UMass. Marlborough Hospital		✓		See comments
131	UMass. Memorial Medical Center		✓		See comments
139	UMass. Wing Memorial Hospital		✓		See comments
138	Winchester Hospital	✓			

PART C. HOSPITAL RESPONSES

Source of Admission
Type of Admission
Discharge by Month
Primary Payer Type
Patient Dispostion
Discharges by Gender
Discharges by Race
Discharges by Race/Ethnicity
Discharges by Ethnicity
Discharges by Patient Hispanic Indicator
Discharges by Age
APR20 MDCs Listed in Rank Order
Top 20 APR 20 DRGs Total Discharges
Length of Stay Frequency Report
Ancillary Services by Discharges
Routine Accommodations Svcs by Disch.
SpcI Care Accommodations by Disc
Ancillary Services by Charges
Routine Accommodation by Chgs
Special Care Accomm. Svcs. By Chgs.
Condition Present on Admission

anna Jaques Hospital
thol Memorial Hospital
aystate Franklin Medical Center
aystate Mary Lane Hospital
saystate Medical Center
erkshire Medical Center - erkshire Campus

PART C. HOSPITAL RESPONSES

Source of Admission
Type of Admission
Discharge by Month
Primary Payer Type
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Discharges by Gender
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Ancillary Services by Charges
Routine Accommodation by Chgs
Special Care Accomm. Svcs. By Chgs.
Condition Present on Admission

Berkshire Medical Center - Hillcrest Campus			
Beth Israel Deaconess Hospital - Needham			
Beth Israel Deaconess Medical Center		X	X
Boston Medical Center			
Brigham and Women's Hospital			
Cambridge Health Alliance	Х		

PART C. HOSPITAL RESPONSES

Source of Admission
Type of Admission
Discharge by Month
Primary Payer Type
Patient Dispostion
Discharges by Gender
Discharges by Race
Discharges by Race/Ethnicity
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Discharges by Patient Hispanic Indicator
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Top 20 APR 20 DRGs Total Discharges
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Routine Accommodations Svcs by Disch.
Spcl Care Accommodations by Disc
Ancillary Services by Charges
Routine Accommodation by Chgs
Special Care Accomm. Svcs. By Chgs.
Condition Present on Admission

Cambridge Health Alliance - Somerville Campus	X
Cambridge Health Alliance - Whidden Memorial	X
Cape Cod Hospital	
Caritas Carney Hospital	
Caritas Good Samaritan Medical Center	
Caritas Good Samaritan Medical Ctr - Norcap Lodge Campus	

PART C. HOSPITAL RESPONSES

Source of Admission
Type of Admission
Discharge by Month
Primary Payer Type
Patient Dispostion
Discharges by Gender
Discharges by Race
Discharges by Race/Ethnicity
Discharges by Ethnicity
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SpcI Care Accommodations by Disc
Ancillary Services by Charges
Routine Accommodation by Chgs
Special Care Accomm. Svcs. By Chgs.
Condition Present on Admission

Caritas Holy Family Hospital and Medical Center	X	X	Х		
Caritas Norwood Hospital	Х		Х		
Caritas St. Anne's Hospital				Х	X
Caritas St. Elizabeth's Hospital					
Children's Hospital Boston					
Clinton Hospital					
Cooley Dickinson Hospital					
Dana-Farber Cancer Institute					

PART C. HOSPITAL RESPONSES

Source of Admission
Type of Admission
Discharge by Month
Primary Payer Type
Patient Dispostion
Discharges by Gender
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Spcl Care Accommodations by Disc
Ancillary Services by Charges
Routine Accommodation by Chgs
Special Care Accomm. Svcs. By Chgs.
Condition Present on Admission

Emerson Hospital				
Fairview Hospital				
Falmouth Hospital				
Faulkner Hospital	X	Х	X	х
Hallmark Health System - Lawrence Memorial Hospital				
Hallmark Health System - Melrose-Wakefield Hospital				
Harrington Memorial Hospital			 	

PART C. HOSPITAL RESPONSES

Source of Admission
Type of Admission
Discharge by Month
Primary Payer Type
Patient Dispostion
Discharges by Gender
Discharges by Race
Discharges by Race/Ethnicity
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Discharges by Patient Hispanic Indicator
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SpcI Care Accommodations by Disc
Ancillary Services by Charges
Routine Accommodation by Chgs
Special Care Accomm. Svcs. By Chgs.
Condition Present on Admission

Health Alliance Hospitals, Inc.				
Heywood Hospital			 	
Holyoke Medical Center				
Hubbard Regional Hospital			 	
Jordan Hospital			 	
Lahey Clinic - Burlington Campus			 	
Lawrence General Hospital	Х	Х	 Х)
Lowell General Hospital				

PART C. HOSPITAL RESPONSES

Source of Admission
Type of Admission
Discharge by Month
Primary Payer Type
Patient Dispostion
Discharges by Gender
Discharges by Race
Discharges by Race/Ethnicity
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Spcl Care Accommodations by Disc
Ancillary Services by Charges
Routine Accommodation by Chgs
Special Care Accomm. Svcs. By Chgs.
Condition Present on Admission

Martha's Vineyard Hospital			
Massachusetts Eye and Ear Infirmary			
Massachusetts General Hospital			
Mercy Medical Center - Providence Campus	Х		
Mercy Medical Center - Springfield Campus	Х		
Merrimack Valley Hospital		 	
MetroWest Medical Center		 	

PART C. HOSPITAL RESPONSES

Source of Admission
Type of Admission
Discharge by Month
Primary Payer Type
Patient Dispostion
Discharges by Gender
Discharges by Race
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Ancillary Services by Charges
Routine Accommodation by Chgs
Special Care Accomm. Svcs. By Chgs.
Condition Present on Admission

Milford Regional Medical Center					
Milton Hospital					
Morton Hospital					
Mount Auburn Hospital		Х			
Nantucket Cottage Hospital					
Nashoba Valley Medical Center					
New England Baptist Hospital					
Newton Wellesley Hospital	Х	X	Х	х	х

PART C. HOSPITAL RESPONSES

Source of Admission
Type of Admission
Discharge by Month
Primary Payer Type
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Discharges by Gender
Discharges by Race
Discharges by Race/Ethnicity
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Spcl Care Accommodations by Disc
Ancillary Services by Charges
Routine Accommodation by Chgs
Special Care Accomm. Svcs. By Chgs.
Condition Present on Admission

Noble Hospital		
North Adams Regional Hospital		
North Shore Medical Center, Inc.		
Northeast Health Systems - Beverly		
Northeast Health Systems - Addison Gilbert		
Quincy Medical Center		
Saint Vincent Hospital	Х	X

PART C. HOSPITAL RESPONSES

Source of Admission
Type of Admission
Discharge by Month
Primary Payer Type
Patient Dispostion
Discharges by Gender
Discharges by Race
Discharges by Race/Ethnicity
Discharges by Ethnicity
Discharges by Patient Hispanic Indicator
Discharges by Age
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SpcI Care Accommodations by Disc
Ancillary Services by Charges
Routine Accommodation by Chgs
Special Care Accomm. Svcs. By Chgs.
Condition Present on Admission

Saints Memorial Medical Center
Signature Healthcare Brockton Hospital
South Shore Hospital
Southcoast Hospitals Group - Charlton Memorial Campus
Southcoast Hospitals Group - St. Luke's Campus

PART C. HOSPITAL RESPONSES

3. SUMMARY OF REPORTED DISCREPANCIES BY CATEGORY

Southcoast Hospitals

Source of Admission
Type of Admission
Discharge by Month
Primary Payer Type
Patient Dispostion
Discharges by Gender
Discharges by Race
Discharges by Race/Ethnicity
Discharges by Ethnicity
Discharges by Patient Hispanic Indicator
Discharges by Age
APR20 MDCs Listed in Rank Order
Top 20 APR 20 DRGs Total Discharges
Length of Stay Frequency Report
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Routine Accommodations Svcs by Disch.
SpcI Care Accommodations by Disc
Ancillary Services by Charges
Routine Accommodation by Chgs
Special Care Accomm. Svcs. By Chgs.
Condition Present on Admission

Group - Tobey Hospital
Campus
Sturdy Memorial Hospital

Tufts Medical Center Χ Х Χ Χ Χ Χ Χ Χ Х Χ Χ Χ UMass. Marlborough Hospital Х Х Χ UMass. Memorial Medical Center UMass. Wing Memorial Х Х Χ Χ Х Χ Χ Χ Χ Х Χ Χ Х Χ Х Χ Hospital

PART C. HOSPITAL RESPONSES

3. SUMMARY OF REPORTED DISCREPANCIES BY CATEGORY

Source of Admission
Ĭ
Discharge by Month
Primary Payer Type
Patient Dispostion
Discharges by Gender
Discharges by Race
Discharges by Race/Ethnicity
Discharges by Ethnicity
Discharges by Patient Hispanic Indicator
Discharges by Age
APR20 MDCs Listed in Rank Order
Top 20 APR 20 DRGs Total Discharges
Length of Stay Frequency Report
Ancillary Services by Discharges
Routine Accommodations Svcs by Disch.
Spcl Care Accommodations by Disc
Ancillary Services by Charges
Routine Accommodation by Chgs
Special Care Accomm. Svcs. By Chgs.
Condition Present on Admission

Winchester Hospital

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION

Beth Israel Deaconess Medical Center

It should be noted that over the next several weeks BIDMC will be resubmitting the FY08 quarterly file to include all codes necessary to accurately group the patient into the appropriate APR DRG.

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION

Boston Medical Center

The hospital has resubmitted; verification response will be forthcoming when the data on our end has been refreshed.

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION



The hospital is researching. It believes that dishcharges by month is understated by approximately 6%.

PART C. HOSPITAL RESPONSES

<u>5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION</u>

The hospital is researching. It believes that dishcharges by month is understated by approximately 6%.

PART C. HOSPITAL RESPONSES

<u>5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION</u>



The hospital is researching. It believes that dishcharges by month is understated by approximately 6%.

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION

Caritas Holy Family Hospital and Medical Center

The hospital has resubmitted Q3 to fix issues with newborns affecting Reports 001 and 002. Twenty-six newborns were not coded correctly. Regarding Report 004, "Q" Commonwealth Care was not labeled. For the year, the hospital had 155 patients.

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION

Caritas Norwood Hospital

The hospital stated that on Report 001, Source of Admission, the "Y" was not labeled. For the year, the hospital had 7 patients. Regarding Report 004, "Q" Commonwealth Care was not labeled. For the year, the hospital had 112 patients.

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION

Caritas St. Anne's Hospital

The hospital stated the following:

Saint Anne's Hospital – FY08 Inpatient Validation

015 – Ancillary Services by Discharges

018 – Ancillary Services by Charges

We had a large amount of observation charges (category 762) applied after the submissions were sent. The difference for 762 is off by \$124,489 and 33 units.

We have \$124,489 and 33 units more now then what was originally submitted.

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION

Faulkner Hospital

Due to a conversion to a new billing system in May 2008 and the ensuing difficulties in merging the 3rd quarter data, Faulkner Hospital has only successfully submitted 3 quarters of FY08 data. We are actively working on this problem.

Some of the profile reports contain 2 quarters data; some 3 quarters, i.e. #19 has 2 quarters, #20 has 3. Other unexplainable differences include:

#005 patient disposition: the unlabelled category with 3912 discharges for 2 quarters summarized is actually represents the discharges home. Other restatements would include 663 HHC discharges ,235 other short term hospital ,174 SNF and 106 AMA.

#004 primary payer type: 837 invalid all in the 4th quarter(3 quarters summarized):

Restatements would include 617 in medicare managed care.792 in BC managed care,546 in HMO #011 discharges by age :restatement to 182 15-24

1038 25-44 2139 45-64 2804 65+

The gender split(#006),the top 20 discharges(#013) and the length of stay(#014) are proportionately correct as are #001 and #002. The total ancillary charges(#018) for the 3 quarters is reasonable.

In summary, the Faulkner Hospital cannot agree that the data is accurate and complete

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION

Lawrence General Hospital

The hospital reported minor variations in Reports 001, 002, and 005. Regarding Report 021, the hospital stated that the "Not Reported" category pertains to exempt diagnoses.

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION

Massachusetts Eye and Ear Infirmary

The hospital has resubmitted; verification response will be forthcoming when the data on our end has been refreshed.

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION

Mercy Medical Center - Providence Campus

The hospital reported no further details.

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION

Mercy Medical Center - Springfield Campus

The hospital reported no further details.

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION

Mount Auburn Hospital

The hospital stated the following comment:

"I have reviewed the inpatient verification report for FY 2008 for Mount Auburn Hospital. I have the ususal problems with verifying ethnicity, but the primary race is correct, and most of the report seems fine, with the following exception.

There is one small problem I noticed with the way we have to choose our grouper. We have created a C-24 financial class to indicate which commercials needs to be grouped using V24. The two commercial insurances, Cigna and Aetna, both map to the right insurance codes, and are linked to C-24 as financial class. C-24 maps to 7 (Commercial). They are showing on your report as invalid. There are 10 patients who fall into this category. We needed to create this financial class so we would map to the correct grouper. I'm not sure why they were not recognized, since the values we pass to you are valid. It is only on review of the verification report that I found this.

There are also 43 Commonwealth Connector patients who do not have a payer type. They seem to also be correctly mapped."

PART C. HOSPITAL RESPONSES

<u>5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION</u>

Nantucket Cottage Hospital

The Division has not received a verification response form from the hospital.

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION

Newton Wellesley Hospital

The variance reported by the hospital is negligible.

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION

Saint Vincent Hospital

The hospital reported no further details.

PART C. HOSPITAL RESPONSES

<u>5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION</u>

Tufts Medical Center

The hospital stated that they are still trying to verify.

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION

UMass. Marlborough Hospital

The hospital stated that there are discrepancies in total discharges - apparently related to system error - being investigated with Meditech.

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION

UMass. Memorial Medical Center

The hospital stated that there are discrepancies in total discharges - apparently related to system error - being investigated with Meditech.

PART C. HOSPITAL RESPONSES

5. INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION

UMass. Wing Memorial Hospital

The hospital stated the following comment:

In reviewing the data submitted to the Division and the data in our patient accounting system, there appears to be 193 discharge discrepancies. They have reconciled the items, please see below. It is apparent that during the submission there was an oversight on the reconciling of the submission and of the data in our patient accounting system. Having identified this oversight, they have put corrective action in place.

Qtr 1	Qtr 2	Qtr 3	Qtr 4	2008 Totals
694	758	734	752	2938Hosp Discharges Per Statistics for Patient Days
-643	689	-692	-721	-2745State Reported - Per State Reports
0	-14	5	0	-9Meditech Passed on Second Pass - Not Reported
-52	-52	-42	-37	-183Meditech Rejection Reports - Not Reproted
	_			
-1	3	5	-6	1Variance

PADT D. CAUTIONARY USE HOSPITALS

Previous year's data contained a separate file for the failed submissions. Beginning with FY2000, the database contains all submission together, both passed and failed submissions for all hospitals within the database. The failed submissions are marked with an asterisk for easy identification.

The following are cautionary use hospitals for FY2008

There are two cautionary hospitals for the current fiscal year: Faulkner Hospital - Due to a conversion to a new billing system in May 2008 and the ensuing difficulities in merging the 3rd quarter data, Faulkner Hospital has only successfully submitted 3 quarters of FY08 data and Mass. Eye and Ear Infirmary - None of the FY08 quarters have been successfully submitted.

PART E. HOSPITALS SUBMITTED DATA FOR FY2008

Anna Jaques Hospital

Athol Memorial Hospital

Baystate Franklin Medical Center

Baystate Mary Lane Hospital

Baystate Medical Center

Berkshire Medical Center - Berkshire Campus

Berkshire Medical Center - Hillcrest Campus

Beth Israel Deaconess Hospital - Needham

Beth Israel Deaconess Medical Center

Boston Medical Center

Brigham and Women's Hospital

Cambridge Health Alliance

Cambridge Health Alliance - Somerville Campus

Cambridge Health Alliance - Whidden Memorial

Cape Cod Hospital

Caritas Carney Hospital

Caritas Good Samaritan Medical Center

Caritas Good Samaritan Medical Ctr - Norcap Lodge Ca

Caritas Holy Family Hospital and Medical Center

Caritas Norwood Hospital

Caritas St. Anne's Hospital

Caritas St. Elizabeth's Hospital

Children's Hospital Boston

Clinton Hospital

Cooley Dickinson Hospital

Dana-Farber Cancer Institute

Emerson Hospital

Fairview Hospital

Falmouth Hospital

Faulkner Hospital

Hallmark Health System - Lawrence Memorial Hospital

Hallmark Health System - Melrose-Wakefield Hospital

Harrington Memorial Hospital

Health Alliance Hospitals, Inc.

Heywood Hospital

Holyoke Medical Center

Hubbard Regional Hospital

Jordan Hospital

PART E. HOSPITALS SUBMITTED DATA FOR FY2008

Kindred Hospital - Boston

Kindred Hospital - North Shore

Lahey Clinic - Burlington Campus

Lawrence General Hospital

Lowell General Hospital

Martha's Vineyard Hospital

Massachusetts Eye and Ear Infirmary

Massachusetts General Hospital

Mercy Medical Center - Providence Campus

Mercy Medical Center - Springfield Campus

Merrimack Valley Hospital

MetroWest Medical Center

Milford Regional Medical Center

Milton Hospital

Morton Hospital

Mount Auburn Hospital

Nantucket Cottage Hospital

Nashoba Valley Medical Center

New England Baptist Hospital

Newton Wellesley Hospital

Noble Hospital

North Adams Regional Hospital

North Shore Medical Center, Inc.

Northeast Health Systems - Beverly

Northeast Health Systems - Addison Gilbert

Quincy Medical Center

Saint Vincent Hospital

Saints Memorial Medical Center

Signature Healthcare Brockton Hospital

South Shore Hospital

Southcoast Hospitals Group - Charlton Memorial Camp

Southcoast Hospitals Group - St. Luke's Campus

Southcoast Hospitals Group - Tobey Hospital Campus

Sturdy Memorial Hospital

Tufts Medical Center

UMass. Marlborough Hospital

UMass. Memorial Medical Center

UMass. Wing Memorial Hospital

Winchester Hospital

PART E. HOSPITALS SUBMITTED DATA FOR FY2008

<u>LIST OF HOSPITALS WITH NO DATA FOR FY2008</u>

PART E. HOSPITALS SUBMITTING DATA FOR FY2008

3. DISCHARGE TOTALS AND CHARGES FOR HOSPITALS SUBMITTING DATA - BY QUARTER

The following is a list of hospitals submitting data with discharge totals and charges by quarter. It is included here as a means of enabling users to crosscheck the contents of the electronic data file they receive.

TOTAL HOSPITAL DISCHARGES AND CHARGES BY QUARTER

Qtı	Hospital Name	ORG ID	Total Discharges	Total Charges
1	Anna Jaques Hospital	1	1,931	\$21,399,527
2	Anna Jaques Hospital		1,944	\$21,568,544
3	Anna Jaques Hospital		1,857	\$20,197,589
4	Anna Jaques Hospital		1,968	\$19,995,258
	Totals		7,700	\$83,160,918
1	Athol Memorial Hospital	2	251	\$3,700,596
2	Athol Memorial Hospital		260	\$3,904,802
3	Athol Memorial Hospital		245	\$3,471,511
4	Athol Memorial Hospital		228	\$3,098,077
	Totals		984	\$14,174,986
1	Baystate Franklin Medical Center	5	1,228	\$15,428,708
2	Baystate Franklin Medical Center		1,211	\$15,660,606
3	Baystate Franklin Medical Center		1,149	\$14,538,174
4	Baystate Franklin Medical Center		1,099	\$13,370,706
	Totals		4,687	\$58,998,194
1	Baystate Mary Lane Hospital	6	425	\$3,541,116
2	Baystate Mary Lane Hospital		428	\$4,050,694
3	Baystate Mary Lane Hospital		467	\$4,422,460
4	Baystate Mary Lane Hospital		408	\$3,814,648
	Totals		1,728	\$15,828,918
1	Baystate Medical Center	4	9,456	\$189,781,226
2	Baystate Medical Center		9,476	\$199,347,256
3	Baystate Medical Center		9,774	\$191,930,899

PART E. HOSPITALS SUBMITTING DATA FOR FY2008

3. DISCHARGE TOTALS AND CHARGES FOR HOSPITALS SUBMITTING DATA - BY QUARTER

4	Baystate Medical Center		9,491	\$186,603,041
	Totals		38,197	\$767,662,422
1	Berkshire Medical Center - Berkshire Campus	7	2,822	\$49,454,148
2	Berkshire Medical Center - Berkshire Campus		2,854	\$51,409,021
3	Berkshire Medical Center - Berkshire Campus		3,001	\$53,697,287
4	Berkshire Medical Center - Berkshire Campus		3,081	\$53,183,219
	Totals		11,758	\$207,743,675
1	Berkshire Medical Center - Hillcrest Campus	9	336	\$1,936,979
2	Berkshire Medical Center - Hillcrest Campus		334	\$1,839,761
3	Berkshire Medical Center - Hillcrest Campus		318	\$1,777,818
4	Berkshire Medical Center - Hillcrest Campus		308	\$1,629,154
	Totals		1,296	\$7,183,712
1	Beth Israel Deaconess Hospital - Needham	53	574	\$7,232,790
2	Beth Israel Deaconess Hospital - Needham		634	\$7,502,722
3	Beth Israel Deaconess Hospital - Needham		634	\$7,477,125
4	Beth Israel Deaconess Hospital - Needham		596	\$6,245,744
	Totals		2,438	\$28,458,381
1	Beth Israel Deaconess Medical Center - East Campus	10	10,172	\$260,323,215
2	Beth Israel Deaconess Medical Center - East Campus		10,402	\$256,087,965
3	Beth Israel Deaconess Medical Center - East Campus		10,748	\$268,517,869
4	Beth Israel Deaconess Medical Center - East Campus		10,677	\$257,654,655
	Totals		41,999	\$1,042,583,704
2	Boston Medical Center - East Newton Campus	144	2,844	\$84,879,149
3	Boston Medical Center - East Newton Campus		2,915	\$82,341,610
	Totals		5,759	\$167,220,759

PART E. HOSPITALS SUBMITTING DATA FOR FY2008

3. DISCHARGE TOTALS AND CHARGES FOR HOSPITALS SUBMITTING DATA - BY QUARTER 1 Boston Medical Center - Harrison Avenue 16 7.457 \$169,789,126 Campus 2 Boston Medical Center - Harrison Avenue 4,408 \$83,247,550 Campus 4,376 3 Boston Medical Center - Harrison Avenue \$81,744,960 Campus 4 Boston Medical Center - Harrison Avenue 7,428 \$176,176,546 Campus 23,669 **Totals** \$510,958,182 Brigham and Women's Hospital 22 12,882 \$591,879,498 2 Brigham and Women's Hospital 12,781 \$570,020,867 3 Brigham and Women's Hospital 13,181 \$603,302,998 Brigham and Women's Hospital 13,208 \$618,611,111 **Totals** 52,052 \$2,383,814,474 1 Cambridge Health Alliance - Cambridge Campus 27 1,775 \$24,604,366 Cambridge Health Alliance - Cambridge Campus 1,691 \$26,116,604 3 Cambridge Health Alliance - Cambridge Campus 1,777 \$26,010,662 4 Cambridge Health Alliance - Cambridge Campus 1,735 \$24,120,260 **Totals** 6,978 \$100,851,892 1 Cambridge Health Alliance - Somerville Campus 143 \$14,079,302 1,061 2 Cambridge Health Alliance - Somerville Campus 1.124 \$15,935,846 3 Cambridge Health Alliance - Somerville Campus 999 \$14,514,859 4 Cambridge Health Alliance - Somerville Campus 918 \$12,166,161 **Totals** 4,102 \$56,696,168 1 Cambridge Health Alliance - Whidden Memorial 142 1,246 \$18,937,460 Campus 2 Cambridge Health Alliance - Whidden Memorial 1,198 \$21,632,781 Campus 3 Cambridge Health Alliance - Whidden Memorial 1.049 \$19,146,157 Campus

PART E. HOSPITALS SUBMITTING DATA FOR FY2008

3. DISCHARGE TOTALS AND CHARGES FOR HOSPITALS SUBMITTING DATA - BY QUARTER 4 Cambridge Health Alliance - Whidden Memorial 1.114 \$18,360,092 Campus **Totals** 4,607 \$78,076,490 1 Cape Cod Hospital 39 4,181 \$76,636,084 2 Cape Cod Hospital 4,232 \$81,458,362 3 Cape Cod Hospital 4,067 \$81,347,035 4 Cape Cod Hospital 4,505 \$84,881,662 **Totals** 16,985 \$324,323,143 1 Caritas Carney Hospital 42 1,652 \$22,808,260 2 Caritas Carney Hospital 1,668 \$22,413,509 3 Caritas Carney Hospital 1,608 \$21,619,734 4 Caritas Carney Hospital 1,519 \$19,854,083 **Totals** 6,447 \$86,695,586 -----1 Caritas Good Samaritan Medical Center -3,226 \$37,385,188 62 **Brockton Campus** 2 Caritas Good Samaritan Medical Center -3,494 \$41,887,981 **Brockton Campus** 3 Caritas Good Samaritan Medical Center -3,393 \$38,451,460 **Brockton Campus** 4 Caritas Good Samaritan Medical Center -3,463 \$39,314,141 **Brockton Campus** 13,576 **Totals** \$157,038,770 1 Caritas Good Samaritan Medical Center - Norcap 561 4460 \$1,924,138 Lodge Campus 2 Caritas Good Samaritan Medical Center - Norcap 630 \$2,212,581 Lodge Campus 3 Caritas Good Samaritan Medical Center - Norcap 625 \$2,102,982 Lodge Campus 4 Caritas Good Samaritan Medical Center - Norcap 631 \$2,103,158 Lodge Campus **Totals** 2,447 \$8,342,859

PART E. HOSPITALS SUBMITTING DATA FOR FY2008

3. DIS	SCHARGE TOTALS AND CHARGES FOR HOSPITA	ALS SUB	MITTING I	DATA - BY QUARTER
1	Caritas Holy Family Hospital and Medical Center	75	2,920	\$37,697,129
2	Caritas Holy Family Hospital and Medical Center		2,992	\$37,827,030
3	Caritas Holy Family Hospital and Medical Center		2,893	\$36,073,784
4	Caritas Holy Family Hospital and Medical Center		2,863	\$35,642,393
	Totals		11,668	\$147,240,336
1	Caritas Norwood Hospital	41	3,074	\$38,691,596
2	Caritas Norwood Hospital		3,263	\$40,889,492
3	Caritas Norwood Hospital		3,110	\$38,883,708
4	Caritas Norwood Hospital		3,080	\$38,081,046
	Totals		12,527	\$156,545,842
1	Caritas Saint Anne's Hospital	114	1,617	\$22,662,558
2	Caritas Saint Anne's Hospital		1,722	\$25,914,260
3	Caritas Saint Anne's Hospital		1,513	\$23,828,615
4	Caritas Saint Anne's Hospital		1,484	\$22,444,197
	1			, , , , .
	Totals		6,336	\$94,849,630
1	•	126		
	Totals	126	6,336	\$94,849,630
1	Totals Caritas St. Elizabeth's Medical Center	126	6,336 3,524	\$94,849,630 \$66,745,246
1 2	Totals Caritas St. Elizabeth's Medical Center Caritas St. Elizabeth's Medical Center	126	6,336 3,524 3,726	\$94,849,630 \$66,745,246 \$70,002,302
1 2 3	Totals Caritas St. Elizabeth's Medical Center Caritas St. Elizabeth's Medical Center Caritas St. Elizabeth's Medical Center	126	6,336 3,524 3,726 3,486	\$94,849,630 \$66,745,246 \$70,002,302 \$65,551,277
1 2 3	Totals Caritas St. Elizabeth's Medical Center	126	6,336 3,524 3,726 3,486 3,444	\$94,849,630 \$66,745,246 \$70,002,302 \$65,551,277 \$65,648,937
1 2 3 4	Totals Caritas St. Elizabeth's Medical Center Totals		6,336 3,524 3,726 3,486 3,444 14,180	\$94,849,630 \$66,745,246 \$70,002,302 \$65,551,277 \$65,648,937 \$267,947,762
1 2 3 4	Totals Caritas St. Elizabeth's Medical Center Totals Children's Hospital Boston		6,336 3,524 3,726 3,486 3,444 14,180 4,346	\$94,849,630 \$66,745,246 \$70,002,302 \$65,551,277 \$65,648,937 \$267,947,762 \$176,882,719
1 2 3 4 	Totals Caritas St. Elizabeth's Medical Center Totals Children's Hospital Boston Children's Hospital Boston		6,336 3,524 3,726 3,486 3,444 14,180 4,346 4,450	\$94,849,630 \$66,745,246 \$70,002,302 \$65,551,277 \$65,648,937 \$267,947,762 \$176,882,719 \$181,676,840
1 2 3 4 	Caritas St. Elizabeth's Medical Center Totals Children's Hospital Boston Children's Hospital Boston Children's Hospital Boston		6,336 3,524 3,726 3,486 3,444 14,180 4,346 4,450 4,608	\$94,849,630 \$66,745,246 \$70,002,302 \$65,551,277 \$65,648,937 \$267,947,762 \$176,882,719 \$181,676,840 \$207,532,974
1 2 3 4 	Caritas St. Elizabeth's Medical Center Totals Children's Hospital Boston Totals		6,336 3,524 3,726 3,486 3,444 14,180 4,346 4,450 4,608 4,466	\$94,849,630 \$66,745,246 \$70,002,302 \$65,551,277 \$65,648,937 \$267,947,762 \$176,882,719 \$181,676,840 \$207,532,974 \$192,236,601
1 2 3 4 	Caritas St. Elizabeth's Medical Center Totals Children's Hospital Boston Totals	46	6,336 3,524 3,726 3,486 3,444 14,180 4,346 4,450 4,608 4,466 17,870	\$94,849,630 \$66,745,246 \$70,002,302 \$65,551,277 \$65,648,937 \$267,947,762 \$176,882,719 \$181,676,840 \$207,532,974 \$192,236,601 \$758,329,134
1 2 3 4 	Caritas St. Elizabeth's Medical Center Totals Children's Hospital Boston	46	6,336 3,524 3,726 3,486 3,444 14,180 4,346 4,450 4,608 4,466 17,870 342	\$94,849,630 \$66,745,246 \$70,002,302 \$65,551,277 \$65,648,937 \$267,947,762 \$176,882,719 \$181,676,840 \$207,532,974 \$192,236,601 \$758,329,134 \$6,864,249

PART E. HOSPITALS SUBMITTING DATA FOR FY2008

3. DISCHARGE TOTALS AND CHARGES FOR HOSPITALS SUBMITTING DATA - BY QUARTER

	Totals		1,381	\$28,128,048
1	Cooley Dickinson Hospital	50	2,140	\$35,143,102
2	Cooley Dickinson Hospital		2,209	\$36,233,703
3	Cooley Dickinson Hospital		2,002	\$28,305,053
4	Cooley Dickinson Hospital		1,999	\$27,565,797
	Totals		8,350	\$127,247,655
1	Dana-Farber Cancer Institute	51	234	\$16,857,754
2	Dana-Farber Cancer Institute		236	\$17,319,617
3	Dana-Farber Cancer Institute		207	\$15,570,801
4	Dana-Farber Cancer Institute		275	\$18,065,393
	Totals		952	\$67,813,565
1	Emerson Hospital	57	2,208	\$36,037,806
2	Emerson Hospital		2,329	\$38,779,470
3	Emerson Hospital		2,161	\$35,179,307
4	Emerson Hospital		2,203	\$35,914,706
	Totals		8,901	\$145,911,289
1	Fairview Hospital	8	299	\$2,977,090
2	Fairview Hospital		349	\$3,317,310
3	Fairview Hospital		359	\$3,147,478
4	Fairview Hospital		363	\$3,415,446
	Totals		1,370	\$12,857,324
1	Falmouth Hospital	40	1,504	\$21,636,409
2	Falmouth Hospital		1,570	\$24,508,902
3	Falmouth Hospital		1,522	\$22,896,886
4	Falmouth Hospital		1,771	\$25,582,858
	Totals		6,367	\$94,625,055
1	Faulkner Hospital	59	2,072	\$51,453,115
2	Faulkner Hospital		2,036	\$55,329,674
3	Faulkner Hospital		697	\$18,531,930

PART E. HOSPITALS SUBMITTING DATA FOR FY2008

3. DISCHARGE TOTALS AND CHARGES FOR HOSPITALS SUBMITTING DATA - BY QUARTER

4	Faulkner Hospital		2,045	\$51,605,991
	Totals		6,850	\$176,920,710
1	Hallmark Health System - Lawrence Memorial Hospital Campus	66	1,309	\$18,541,720
2	Hallmark Health System - Lawrence Memorial Hospital Campus		1,371	\$19,342,157
3	Hallmark Health System - Lawrence Memorial Hospital Campus		1,241	\$18,425,217
4	Hallmark Health System - Lawrence Memorial Hospital Campus		1,104	\$15,501,891
	Totals		5,025	\$71,810,985
1	Hallmark Health System - Melrose-Wakefield Hospital Campus	141	2,667	\$32,522,070
2	Hallmark Health System - Melrose-Wakefield Hospital Campus		2,799	\$34,748,121
3	Hallmark Health System - Melrose-Wakefield Hospital Campus		2,748	\$32,249,419
4	Hallmark Health System - Melrose-Wakefield Hospital Campus		2,589	\$29,174,405
	Totals		10,803	\$128,694,015
1	Harrington Memorial Hospital	68	786	\$8,362,332
2	Harrington Memorial Hospital		718	\$8,378,564
3	Harrington Memorial Hospital		733	\$8,395,684
4	Harrington Memorial Hospital		746	\$9,377,515
	Totals		2,983	\$34,514,095
1	Health Alliance Hospital Burbank Campus	8548	193	\$4,626,440
2	Health Alliance Hospital Burbank Campus		215	\$5,118,377
3	Health Alliance Hospital Burbank Campus		208	\$4,895,131
4	Health Alliance Hospital Burbank Campus		199	\$4,374,975
	Totals		815	\$19,014,923
1	Health Alliance Hospital Leominster Campus	8509	1,909	\$26,733,500

PART E. HOSPITALS SUBMITTING DATA FOR FY2008

3. DIS	SCHARGE TOTALS AND CHARGES FOR HOSPIT	TALS SUB	MITTING 1	DATA - BY QUARTER
2	Health Alliance Hospital Leominster Campus		1,923	\$26,902,195
3	Health Alliance Hospital Leominster Campus		1,911	\$27,269,443
4	Health Alliance Hospital Leominster Campus		1,785	\$24,622,626
	Totals		7,528	\$105,527,764
1	Heywood Hospital	73	1,272	\$13,905,976
2	Heywood Hospital		1,516	\$15,761,651
3	Heywood Hospital		1,453	\$15,653,092
4	Heywood Hospital		1,397	\$14,473,915
	Totals		5,638	\$59,794,634
1	Holyoke Medical Center	77	1,930	\$21,438,193
2	Holyoke Medical Center		1,911	\$21,418,659
3	Holyoke Medical Center		1,905	\$22,211,754
4	Holyoke Medical Center		1,804	\$21,166,466
	Totals		7,550	\$86,235,072
1	Hubbard Regional Hospital	78	293	\$2,215,808
2	Hubbard Regional Hospital		304	\$2,504,953
3	Hubbard Regional Hospital		227	\$1,702,672
4	Hubbard Regional Hospital		253	\$2,049,707
	Totals		1,077	\$8,473,140
1	Jordan Hospital	79	2,613	\$32,293,912
2	Jordan Hospital		2,733	\$36,295,823
3	Jordan Hospital		2,714	\$34,508,178
4	Jordan Hospital		2,752	\$34,671,025
	Totals		10,812	\$137,768,938
1	Lahey Clinic Burlington Campus	81	5,188	\$112,561,421
2	Lahey Clinic Burlington Campus		5,415	\$117,672,575
3	Lahey Clinic Burlington Campus		5,253	\$110,891,844
4	Lahey Clinic Burlington Campus		5,193	\$110,931,854
	Totals		21,049	\$452,057,694

PART E. HOSPITALS SUBMITTING DATA FOR FY2008

3. DISCHARGE TOTALS AND CHARGES FOR HOSPITALS SUBMITTING DATA - BY QUARTER 1 Lahey Clinic North Shore 4448 137 \$1,049,708 2 Lahey Clinic North Shore 177 \$1,278,140 3 Lahey Clinic North Shore 130 \$1,011,694 4 Lahey Clinic North Shore 122 \$970,304 566 \$4,309,846 **Totals** 1 Lawrence General Hospital 83 3,032 \$37,597,709 2 Lawrence General Hospital 3,051 \$39,993,006 3 Lawrence General Hospital 3,162 \$39,391,332 4 Lawrence General Hospital 3,247 \$38,047,312 **Totals** 12,492 \$155,029,359 1 Lowell General Hospital 85 3,378 \$38,984,431 2 Lowell General Hospital 3,420 \$41,203,800 3 Lowell General Hospital 3,915 \$46,289,800 4 Lowell General Hospital 3,814 \$44,519,228 **Totals** 14,527 \$170,997,259 280 Martha's Vineyard Hospital 88 \$4,766,582 2 Martha's Vineyard Hospital 244 \$4,400,524 3 Martha's Vineyard Hospital 300 \$4,671,681 Martha's Vineyard Hospital 367 \$5,194,380 **Totals** 1,191 \$19,033,167 1 Massachusetts General Hospital 91 12,551 \$617,783,106 2 Massachusetts General Hospital 12,329 \$634,999,685 3 Massachusetts General Hospital 12,835 \$647,883,824 4 Massachusetts General Hospital 12,735 \$639,011,051 **Totals** 50,450 \$2,539,677,666 Mercy Medical Center - Providence Behavioral 118 910 \$13,632,566 Health Hospital Campus Mercy Medical Center - Providence Behavioral 927 \$13,642,931 Health Hospital Campus

PART E. HOSPITALS SUBMITTING DATA FOR FY2008

3. DIS	CHARGE TOTALS AND CHARGES FOR HOSPI	TALS SUB	MITTING I	OATA - BY QUARTER
3	Mercy Medical Center - Providence Behavioral Health Hospital Campus		944	\$13,793,625
4	Mercy Medical Center - Providence Behavioral Health Hospital Campus		1,060	\$14,405,390
	Totals		3,841	\$55,474,512
1	Mercy Medical Center - Springfield Campus	119	3,018	\$56,299,268
2	Mercy Medical Center - Springfield Campus		3,296	\$59,513,430
3	Mercy Medical Center - Springfield Campus		3,150	\$58,860,733
4	Mercy Medical Center - Springfield Campus		3,055	\$53,920,903
	Totals		12,519	\$228,594,334
1	Merrimack Valley Hospital	70	1,088	\$17,927,920
2	Merrimack Valley Hospital		1,110	\$18,470,364
3	Merrimack Valley Hospital		981	\$15,444,357
4	Merrimack Valley Hospital		993	\$16,408,637
	Totals		4,172	\$68,251,278
1	MetroWest Medical Center - Framingham Campus	49	2,547	\$34,953,753
2	MetroWest Medical Center - Framingham Campus		2,769	\$38,329,381
3	MetroWest Medical Center - Framingham Campus		2,596	\$36,623,464
4	MetroWest Medical Center - Framingham Campus		2,568	\$35,460,439
	Totals		10,480	\$145,367,037
1	MetroWest Medical Center - Leonard Morse Campus	457	1,073	\$18,177,671
2	MetroWest Medical Center - Leonard Morse Campus		1,115	\$17,853,268
3	MetroWest Medical Center - Leonard Morse Campus		1,077	\$18,034,668
4	MetroWest Medical Center - Leonard Morse Campus		1,014	\$16,016,807

PART E. HOSPITALS SUBMITTING DATA FOR FY2008

3. DISCHARGE TOTALS AND CHARGES FOR HOSPITALS SUBMITTING DATA - BY QUARTER

Totals			4,279	\$70,082,414
1 Milford Reg	gional Medical Center	97	2,428	\$35,187,565
2 Milford Reg	gional Medical Center		2,261	\$35,260,984
3 Milford Reg	gional Medical Center		2,248	\$33,608,014
4 Milford Reg	gional Medical Center		2,236	\$34,645,736
Totals			9,173	\$138,702,299
1 Milton Hos	pital	98	1,108	\$17,224,601
2 Milton Hos	pital		1,213	\$19,317,857
3 Milton Hos	pital		1,109	\$16,588,681
4 Milton Hos	pital		1,051	\$15,960,002
Totals			4,481	\$69,091,141
1 Morton Hos	pital and Medical Center	99	2,034	\$20,253,085
2 Morton Hos	pital and Medical Center		1,935	\$19,506,571
3 Morton Hos	pital and Medical Center		1,898	\$19,885,870
4 Morton Hos	pital and Medical Center		1,780	\$18,828,814
Totals			7,647	\$78,474,340
1 Mount Aub	urn Hospital	100	3,398	\$45,867,221
2 Mount Aub	urn Hospital		3,598	\$46,653,309
3 Mount Aub	urn Hospital		3,607	\$50,143,604
4 Mount Aub	urn Hospital		3,562	\$47,207,846
Totals			14,165	\$189,871,980
1 Nantucket C	Cottage Hospital	101	153	\$1,132,963
2 Nantucket C	Cottage Hospital		170	\$1,434,148
3 Nantucket C	Cottage Hospital		141	\$1,012,053
4 Nantucket C	Cottage Hospital		173	\$1,434,728
Totals			637	\$5,013,892
1 Nashoba Va	alley Medical Center	52	559	\$7,802,678
2 Nashoba Va	alley Medical Center		542	\$7,727,778
3 Nashoba Va	alley Medical Center		415	\$5,971,364

PART E. HOSPITALS SUBMITTING DATA FOR FY2008

3. DISCHARGE TOTALS AND CHARGES FOR HOSPITALS SUBMITTING DATA - BY QUARTER 398 4 Nashoba Valley Medical Center \$5,566,807 **Totals** 1,914 \$27,068,627 1 New England Baptist Hospital 103 1,762 \$40,269,297 2 New England Baptist Hospital 1,850 \$41,742,472 3 New England Baptist Hospital 1,901 \$43,051,386 New England Baptist Hospital 1,619 \$37,998,076 7,132 **Totals** \$163,061,231 1 Newton-Wellesley Hospital 4,188 \$74,441,676 105 2 Newton-Wellesley Hospital 4,614 \$82,832,384 3 Newton-Wellesley Hospital 4,813 \$81,519,464 4 Newton-Wellesley Hospital 4,650 \$81,372,837 **Totals** 18,265 \$320,166,361 1 Noble Hospital 106 857 \$13,423,807 Noble Hospital 932 \$13,901,855 Noble Hospital 857 \$12,969,172 4 Noble Hospital 905 \$13,382,715 3,551 **Totals** \$53,677,549 North Adams Regional Hospital 107 \$12,934,619 913 2 North Adams Regional Hospital 883 \$13,653,361 North Adams Regional Hospital 843 \$12,910,230 North Adams Regional Hospital 883 \$12,868,687 \$52,366,897 **Totals** 3,522 1 North Shore Medical Center, Inc. - Salem Campus 4,099 \$87,410,877 116 2 North Shore Medical Center, Inc. - Salem Campus 4,042 \$87,803,703 North Shore Medical Center, Inc. - Salem Campus 4,071 \$88,064,873 North Shore Medical Center, Inc. - Salem Campus 3,930 \$82,269,578 **Totals** 16,142 \$345,549,031 North Shore Medical Center, Inc. - Union Campus 3 1,442 \$34,709,605

MA DIVISION OF HEALTH CARE FINANCE AND POLICY - JULY, 2009

1,445

\$39,548,868

North Shore Medical Center, Inc. - Union Campus

PART E. HOSPITALS SUBMITTING DATA FOR FY2008

	CHARGE TOTALS AND CHARGES FOR HOSPITA			
3	North Shore Medical Center, Inc Union Campus		1,444	\$36,104,729
4	North Shore Medical Center, Inc Union Campus		1,351	\$34,060,987
	Totals		5,682	\$144,424,189
1	Northeast Hospital Corporation - Addison Gilbert Campus	109	640	\$7,466,547
2	Northeast Hospital Corporation - Addison Gilbert Campus		675	\$8,006,885
3	Northeast Hospital Corporation - Addison Gilbert Campus		640	\$7,164,983
4	Northeast Hospital Corporation - Addison Gilbert Campus		631	\$6,446,076
	Totals		2,586	\$29,084,489
1	Northeast Hospital Corporation - Beverly Campus	110	4,420	\$50,887,764
2	Northeast Hospital Corporation - Beverly Campus		4,565	\$53,203,15
3	Northeast Hospital Corporation - Beverly Campus		4,575	\$50,084,74
4	Northeast Hospital Corporation - Beverly Campus		4,546	\$50,571,660
	Totals		18,106	\$204,747,320
1	Quincy Medical Center	112	1,643	\$22,821,020
2	Quincy Medical Center		1,703	\$24,479,724
3	Quincy Medical Center		1,717	\$22,953,64
4	Quincy Medical Center		1,559	\$20,998,300
	Totals		6,622	\$91,252,69
1	Saint Vincent Hospital	127	4,495	\$81,404,343
2	Saint Vincent Hospital		4,642	\$86,358,660
3	Saint Vincent Hospital		4,660	\$85,323,060
4	Saint Vincent Hospital		4,609	\$82,680,330
	Totals		18,406	\$335,766,399
1	Saints Medical Center	115	1,999	\$23,452,065
2	Saints Medical Center		2,081	\$24,987,316
3	Saints Medical Center		1,729	\$23,364,742

PART E. HOSPITALS SUBMITTING DATA FOR FY2008

3. DISCHARGE TOTALS AND CHARGES FOR HOSPITALS SUBMITTING DATA - BY QUARTER 4 Saints Medical Center 1,520 \$20,911,485 **Totals** 7,329 \$92,715,608 1 Signature Healthcare Brockton Hospital 3,584 \$42,680,887 25 2 Signature Healthcare Brockton Hospital 3,425 \$45,810,916 3 Signature Healthcare Brockton Hospital 3,611 \$48,922,269 4 Signature Healthcare Brockton Hospital 3,849 \$48,725,969 **Totals** 14,469 \$186,140,041 1 South Shore Hospital 5.819 \$76,531,771 122 South Shore Hospital 6,099 \$80,852,755 3 South Shore Hospital 6,221 \$81,985,485 4 South Shore Hospital 6,263 \$77,332,579 **Totals** 24,402 \$316,702,590 Southcoast Hospitals Group - Charlton Memorial 123 4,066 \$77,690,356 Campus 2 Southcoast Hospitals Group - Charlton Memorial 4,062 \$80,821,527 Campus 3 Southcoast Hospitals Group - Charlton Memorial 4,019 \$77,553,738 Campus 4 Southcoast Hospitals Group - Charlton Memorial 4,000 \$71,872,692 Campus **Totals** 16,147 \$307,938,313 Southcoast Hospitals Group - St. Luke's Campus 124 4,767 \$70,644,721 2 Southcoast Hospitals Group - St. Luke's Campus 4,791 \$75,615,583 3 Southcoast Hospitals Group - St. Luke's Campus 4,555 \$72,198,931 Southcoast Hospitals Group - St. Luke's Campus 4,462 \$67,026,908 **Totals** 18,575 \$285,486,143 994 1 Southcoast Hospitals Group - Tobey Hospital \$12,054,490 145 Campus 2 Southcoast Hospitals Group - Tobey Hospital 1,037 \$14,180,002

Campus

PART E. HOSPITALS SUBMITTING DATA FOR FY2008

3. DIS	CHARGE TOTALS AND CHARGES FOR HOSP	ITALS SUB	MITTING 1	DATA - BY QUARTER
3	Southcoast Hospitals Group - Tobey Hospital Campus		1,137	\$13,451,682
4	Southcoast Hospitals Group - Tobey Hospital Campus		1,142	\$13,980,684
	Totals		4,310	\$53,666,858
1	Sturdy Memorial Hospital	129	1,609	\$20,114,085
2	Sturdy Memorial Hospital		1,806	\$23,660,130
3	Sturdy Memorial Hospital		1,778	\$21,649,359
4	Sturdy Memorial Hospital		1,672	\$19,479,776
	Totals		6,865	\$84,903,350
1	Tufts Medical Center	104	4,267	\$169,802,797
2	Tufts Medical Center		4,354	\$168,135,590
3	Tufts Medical Center		4,269	\$177,674,905
4	Tufts Medical Center		4,541	\$182,815,419
	Totals		17,431	\$698,428,711
1	UMass Marlborough Hospital	133	882	\$15,251,581
2	UMass Marlborough Hospital		824	\$15,631,948
3	UMass Marlborough Hospital		903	\$15,241,059
4	UMass Marlborough Hospital		873	\$14,577,139
	Totals		3,482	\$60,701,727
1	UMass Memorial Medical Center - Memorial Campus	130	5,485	\$137,537,845
2	UMass Memorial Medical Center - Memorial Campus		5,449	\$141,442,091
3	UMass Memorial Medical Center - Memorial Campus		5,335	\$140,405,795
4	UMass Memorial Medical Center - Memorial Campus		5,421	\$144,254,237
	Totals		21,690	\$563,639,968
1	UMass Memorial Medical Center - University Campus	131	4,882	\$206,442,357

PART E. HOSPITALS SUBMITTING DATA FOR FY2008

3. DISCHARGE TOTALS AND CHARGES FOR HOSPITALS SUBMITTING DATA - BY QUARTER 2 UMass Memorial Medical Center - University 4,822 \$208,343,084 Campus 3 UMass Memorial Medical Center - University \$213,314,407 5,059 Campus 4 UMass Memorial Medical Center - University \$216,816,608 5,258 Campus **Totals** 20,021 \$844,916,456 \$8,809,860 1 UMass Wing Memorial Hospital 139 643 2 UMass Wing Memorial Hospital 689 \$9,610,847 3 UMass Wing Memorial Hospital 692 \$10,302,980 4 UMass Wing Memorial Hospital 721 \$10,342,233 **Totals** 2,745 \$39,065,920 1 Winchester Hospital 138 3,537 \$26,760,533 2 Winchester Hospital 3,675 \$28,529,760 3 Winchester Hospital 3,614 \$27,723,289 4 Winchester Hospital 3,593 \$26,236,075 **Totals** 14,419 \$109,249,657 **GRAND TOTALS** 841,874 \$18,630,811,498

PART F. SUPPLEMENTARY INFORMATION

SUPPLEMENT I. LIST OF TYPE "A" AND TYPE "B" ERRORS

TYPE "A" ERRORS:

Record Type Submitter Name Receiver ID

DPH Hospital Computer Number

Type of Batch Period Starting Date Period Ending Date

Medical Record Number

Patient Sex

Patient Birth Date Admission Date Discharge Date

Primary Source of Payment

Patient Status Billing Number Primary Payer Type Secondary Payer Type

Mother's Medical Record Number

Primary National Payer Identification Number Secondary National Payer Identification Number

Revenue Code Units of Service

Total Charges (by Revenue Code)

Principal Diagnosis Code

Associate Diagnosis Code (I – XIV)

Number of ANDS

Principal Procedure Code

Significant Procedure Code I

Significant Procedure Code II

Significant Procedure Code III-XIV

Physical Record Count

Record Type 2X Count

Record Type 3X Count

Record Type 4X Count Record Type 5X Count

Record Type 5X Count

Total Charges: Special Services Total Charges: Routine Services Total Charges: Ancillaries

Total Charges: (ALL CHARGES)

Number of Discharges

Total Charges: Accommodations

Total Charges: Ancillaries
Submitter Employer Identification N

Submitter Employer Identification Number (EIN) Number of Providers on Electronic submission

Count of Batches

ED Flag

Observation Flag HCF Org ID

MA Transfer Hospital Org ID Hospital Service Site Reference

SUPPLEMENT I. LIST OF TYPE "A" AND TYPE "B" ERRORS

TYPE "B" ERRORS:

Patient Race

Type of Admission

Source of Admission

Patient Zip Code

Veteran Status

Patient Social Security Number

Birth Weight - grams

Employer Zip Code

Mother's Social Security Number

Facility Site Number

External Cause of Injury Code

Attending Physician License Number

Operating Physician License Number

Other Caregiver

Attending Physician National Provider Identifier (NPI)

ATT NPI Location Code

Operating Physician National Provider Identifier (NPI)

Operating NPI Location Code

Additional Caregiver National Provider Identified

Date of Principal Procedure

Date of Significant Procedures (I and II)

Race 1, 2, and Other Race

Hispanic Indicator

Ethnicity 1, 2, and Other Ethnicity

Condition Present on Admission Primary Diagnosis, Associate Diagnoses I-XIV, and Primary E-Code

Significant Procedure Date

Operating Physician for Significant Procedure

Permanent Patient Street Address, City/Town, State, Zip Code

Patient Country

Temporary Patient Street Address, City/Town, Stte, Zip Code

The Hospital Verification Report includes the following frequency distribution tables:

Source of Admissions

Type of Admissions

Discharges by Month

Primary Payer Type

Patient Disposition

Discharges by Gender

Discharges by Race

Discharges by Race/Ethnicity

Discharges by Ethnicity

Discharges by Patient Hispanic Indicator

Discharges by Age

MDC's Listed in Rank Order (APR 20)

Top 20 DRGs with Most Total Discharges (APR 20)

Length of Stay

Ancillary Services by Discharges

Routine Accommodation Services by Discharges

Special Care Accommodation by Discharges

Ancillary Services by Charges

Routine Accommodation by Charges

Special Care Accommodation Services by Charges

Condition Present on Admission

Verification Response Forms: Completed by hospitals after data verification and returned to the DHCFP.

*NOTE: Hospital discharges were grouped with All Patient-DRG Groupers, Version 12.0, 14.0, 18.0, and 21.0. A discharge report showing counts by DRG for both groupers was supplied to hospitals for verification.

PART F. SUPPLEMENTARY INFORMATION

SUPPLEMENT II. HOSPITAL ADDRESSES, ORG ID, AND SERVICE SITE ID NUMBERS

Hospital Address	<u>ID</u> ORG HOSP	<u>ID</u> ORG FILER	SITE NO.*
25 Highland Ave Newburyport, MA 01950	1	1	1
2033 Main Street Athol, MA 01331	2	2	2
164 High Street Greenfield, MA 01301	5	5	
85 South Street Ware, MA 01082	6	6	
3601 Main Street Springfield, MA 01107-1116	4	4	4
725 North Street Pittsfield, MA 01201	6309	7	7
165 Tor Court Rd Pittsfield, MA 01201	6309	7	9
148 Chestnut Street Needham, MA 02192	53	53	53
330 Brookline Avenue Boston, MA 02215	8702	10	10
88 East Newton St Boston, MA 02118	3107	16	16
75 Francis St Boston, MA 02115	22	22	22
	25 Highland Ave Newburyport, MA 01950 2033 Main Street Athol, MA 01331 164 High Street Greenfield, MA 01301 85 South Street Ware, MA 01082 3601 Main Street Springfield, MA 01107-1116 725 North Street Pittsfield, MA 01201 165 Tor Court Rd Pittsfield, MA 01201 148 Chestnut Street Needham, MA 02192 330 Brookline Avenue Boston, MA 02215 88 East Newton St Boston, MA 02118 75 Francis St	25 Highland Ave Newburyport, MA 01950 2033 Main Street Athol, MA 01331 164 High Street Greenfield, MA 01301 85 South Street Ware, MA 01082 3601 Main Street Springfield, MA 01107-1116 725 North Street 6309 Pittsfield, MA 01201 165 Tor Court Rd 6309 Pittsfield, MA 01201 148 Chestnut Street Needham, MA 02192 330 Brookline Avenue Boston, MA 02215 88 East Newton St Boston, MA 02118 75 Francis St 22	ORG HOSP FILER

PART F. SUPPLEMENTARY INFORMATION

SUPPLEMENT II. HOSPITAL ADDRESSES, ORG ID, AND SERVICE SITE ID NUMBERS

Current Organization Name	Hospital Address	<u>ID</u> ORG HOSP	<u>ID</u> ORG FILER	SITE NO.*
Cambridge Health Alliance	65 Beacon Street Somerville, MA 02143	3108	27	27
Cambridge Health Alliance - Somerville Campus		3108	27	143
Cambridge Health Alliance - Whidden Memorial		3108	27	142
Cape Cod Hospital	27 Park Street Hyannis, MA 02601	39	39	
Caritas Carney Hospital	2100 Dorchester Avenue Dorchester, MA 02124	42	42	
Caritas Good Samaritan Medical Center	235 North Pearl Street Brockton, MA 02301	8701	62	
Caritas Good Samaritan Medical Ctr - Norcap Lodge Campus	71 Walnut Avenue	8701	4460	
	Foxboro, MA 02035			
Caritas Holy Family Hospital and Medical Center	70 East Street	75	75	
Conto	Methuen, MA 01844			
Caritas Norwood Hospital	800 Washington Street Norwood, MA 02062	41	41	
Caritas St. Anne's Hospital	795 Middle Street Fall River, MA 02721	114	114	
Caritas St. Elizabeth's Hospital	736 Cambridge Street Brighton, MA 02135	126	126	

PART F. SUPPLEMENTARY INFORMATION

SUPPLEMENT II. HOSPITAL ADDRESSES, ORG ID, AND SERVICE SITE ID NUMBERS

Hospital Address	<u>ID</u> ORG HOSP	<u>ID</u> ORG FILER	SITE NO.*
300 Longwood Avenue Boston, MA 02115	46	46	
201 Highland Street Clinton, MA 01510	132	132	
30 Locust Street Northampton, MA 01060-5001	50	50	
44 Binney Street Boston, MA 02115	51	51	
Route 2 Concord, MA 01742	57	57	
29 Lewis Avenue Great Barrington, MA 01230	8	8	
100 Ter Heun Drive Falmouth, MA 02540	40	40	
1153 Centre Street Jamaica Plain, MA 02130	59	59	
170 Governors Avenue	3111	66	
Medford, MA 02155			
585 Lebanon Street	3111	141	
Melrose, MA 02176			
100 South Street Southbridge, MA 01550	68	68	
600 Hospital Road Leominster, MA 01453-8004	71	71	
	300 Longwood Avenue Boston, MA 02115 201 Highland Street Clinton, MA 01510 30 Locust Street Northampton, MA 01060-5001 44 Binney Street Boston, MA 02115 Route 2 Concord, MA 01742 29 Lewis Avenue Great Barrington, MA 01230 100 Ter Heun Drive Falmouth, MA 02540 1153 Centre Street Jamaica Plain, MA 02130 170 Governors Avenue Medford, MA 02155 585 Lebanon Street Melrose, MA 02176 100 South Street Southbridge, MA 01550 600 Hospital Road	ORG HOSP HOSP 300 Longwood Avenue 46 Boston, MA 02115 201 Highland Street 132 Clinton, MA 01510 30 Locust Street 50 Northampton, MA 01060-5001 44 Binney Street Boston, MA 02115 S7 Concord, MA 01742 29 Lewis Avenue 8 Great Barrington, MA 01230 100 Ter Heun Drive Falmouth, MA 02540 1153 Centre Street 59 Jamaica Plain, MA 02130 170 Governors Avenue 3111 Medford, MA 02155 585 Lebanon Street 3111 Melrose, MA 02176 100 South Street 68 Southbridge, MA 01550 600 Hospital Road 71	ORG HOSP FILER 300 Longwood Avenue 46 46 46 46

PART F. SUPPLEMENTARY INFORMATION

SUPPLEMENT II. HOSPITAL ADDRESSES, ORG ID, AND SERVICE SITE ID NUMBERS

Current Organization Name	Hospital Address	<u>ID</u> ORG HOSP	<u>ID</u> ORG FILER	SITE NO.*
Heywood Hospital	242 Green Street Gardner, MA 01440	73	73	
Holyoke Medical Center	575 Beech Street Holyoke, MA 01040	77	77	
Hubbard Regional Hospital	340 Thompson Road Webster, MA 01570	78	78	
Jordan Hospital	275 Sandwich Street Plymouth, MA 02360	79	79	
Kindred Hospital - Boston	1515 Commonwealth Avenue Boston, MA 02135	136	136	
Kindred Hospital - North Shore	15 King St Peabody, MA 01960	135	135	
Lahey Clinic - Burlington Campus	41 Mall Road Burlington, MA 01805	6546	81	81
Lawrence General Hospital	One General Street Lawrence, MA 01842-0389	83	83	
Lowell General Hospital	295 Varnum Avenue Lowell, MA 01854	85	85	
Martha's Vineyard Hospital	Linton Lane Oak Bluffs, MA 02557	88	88	
Massachusetts Eye and Ear Infirmary	243 Charles Street Boston, MA 02114-3096	89	89	
Massachusetts General Hospital	55 Fruit Street Boston, MA 02114	91	91	

PART F. SUPPLEMENTARY INFORMATION

SUPPLEMENT II. HOSPITAL ADDRESSES, ORG ID, AND SERVICE SITE ID NUMBERS

Current Organization Name	<u>Hospital Address</u>	<u>ID</u> ORG HOSP	<u>ID</u> ORG FILER	SITE NO.*
Mercy Medical Center - Providence Campus	1233 Main St	6547	118	118
•	Holyoke, MA 01040			
Mercy Medical Center - Springfield Campus	271 Carew Street	6547	119	
	Springfield, MA 01102			
Merrimack Valley Hospital	140 Lincoln Avenue Haverhill, MA 01830-6798	70	70	
MetroWest Medical Center	115 Lincoln Street Framingham, MA 01701	3110	49	49
Milford Regional Medical Center	14 Prospect Street Milford, MA 01757	97	97	
Milton Hospital	199 Reedsdale Rd Milton, MA 02186	98	98	
Morton Hospital	88 Washington St Taunton, MA 02780	99	99	
Mount Auburn Hospital	330 Mt. Auburn St. Cambridge, MA 02238	100	100	
Nantucket Cottage Hospital	57 Prospect St Nantucket, MA 02554	101	101	
Nashoba Valley Medical Center	200 Groton Road Ayer, MA 01432	52	52	52
New England Baptist Hospital	125 Parker Hill Avenue Boston, MA 02120	103	103	
Newton Wellesley Hospital	2014 Washington St Newton, MA 02162	105	105	

PART F. SUPPLEMENTARY INFORMATION

SUPPLEMENT II. HOSPITAL ADDRESSES, ORG ID, AND SERVICE SITE ID NUMBERS

North Adams Regional Hospital Hospital Avenue North Adams, MA 02147 107	Current Organization Name	Hospital Address	<u>ID</u> ORG HOSP	<u>ID</u> ORG FILER	SITE NO.*
North Adams, MA 02147 North Shore Medical Center, Inc. 81 Highland Avenue Salem, MA 01970 Salem, MA 01915 Salem, MA 01930 Salem, MA 01930 Salem, MA 01930 Salem, MA 01930 Salem, MA 02169 Salem, MA 01608 Sa	Noble Hospital		106	106	
Northeast Health Systems - Beverly 85 Herrick Street Beverly, MA 01915 Northeast Health Systems - Addison Gilbert 298 Washington St Gloucester, MA 01930 Quincy Medical Center 114 Whitwell Street Quincy, MA 02169 Saint Vincent Hospital 20 Worcester Ctr. Blvd. Worcester, MA 01608 Saints Memorial Medical Center One Hospital Drive Lowell, MA 01852 Signature Healthcare Brockton Hospital 55 Fogg Road 122 122 South Shore Hospitals Group - Charlton Memorial Campus Fall River, MA 02720 Southcoast Hospitals Group - St. Luke's 101 Page Street 3113 124 South Street 3113 124	North Adams Regional Hospital	<u>*</u>	107	107	
Northeast Health Systems - Addison Gilbert 298 Washington St Gloucester, MA 01930 Quincy Medical Center 114 Whitwell Street Quincy, MA 02169 Saint Vincent Hospital 20 Worcester Ctr. Blvd. Worcester, MA 01608 Saints Memorial Medical Center One Hospital Drive Lowell, MA 01852 Signature Healthcare Brockton Hospital 680 Centre Street Brockton, MA 02402 South Shore Hospital 55 Fogg Road 122 122 South Shore Hospitals Group - Charlton Memorial Campus Fall River, MA 02720 Southcoast Hospitals Group - St. Luke's 101 Page Street 3113 124	North Shore Medical Center, Inc.	G	345	116	116
Quincy Medical Center 114 Whitwell Street Quincy, MA 02169 Saint Vincent Hospital 20 Worcester Ctr. Blvd. Worcester, MA 01608 Saints Memorial Medical Center One Hospital Drive Lowell, MA 01852 Signature Healthcare Brockton Hospital 680 Centre Street Brockton, MA 02402 South Shore Hospital 55 Fogg Road 122 122 South Coast Hospitals Group - Charlton Memorial Campus Fall River, MA 02720 Southcoast Hospitals Group - St. Luke's Campus	Northeast Health Systems - Beverly		3112	110	
Saint Vincent Hospital 20 Worcester Ctr. Blvd. Worcester, MA 01608 Saints Memorial Medical Center One Hospital Drive Lowell, MA 01852 Signature Healthcare Brockton Hospital 680 Centre Street Brockton, MA 02402 South Shore Hospital 55 Fogg Road South Weymouth, MA 02190 Southcoast Hospitals Group - Charlton Memorial Campus Fall River, MA 02720 Southcoast Hospitals Group - St. Luke's Campus 1127 127 128 129 25 25 25 25 25 25 25 25 25 25	Northeast Health Systems - Addison Gilbert	3	3112	109	
Saints Memorial Medical Center One Hospital Drive Lowell, MA 01852 Signature Healthcare Brockton Hospital 680 Centre Street Brockton, MA 02402 South Shore Hospital 55 Fogg Road 122 122 South Coast Hospitals Group - Charlton Memorial Campus Fall River, MA 02720 Southcoast Hospitals Group - St. Luke's Campus	Quincy Medical Center		112	112	
Saints Memorial Medical Center One Hospital Drive Lowell, MA 01852 Signature Healthcare Brockton Hospital Brockton, MA 02402 South Shore Hospital 55 Fogg Road South Weymouth, MA 02190 Southcoast Hospitals Group - Charlton Memorial Campus Fall River, MA 02720 Southcoast Hospitals Group - St. Luke's Campus 115 115 25 25 25 25 25 25 25	-	Worcester, MA 01608			
South Shore Hospital 55 Fogg Road 122 122 South Coast Hospitals Group - Charlton Memorial Campus Fall River, MA 02720 Southcoast Hospitals Group - St. Luke's 101 Page Street 3113 124 Campus		One Hospital Drive			
South Weymouth, MA 02190 Southcoast Hospitals Group - Charlton Memorial Campus Fall River, MA 02720 Southcoast Hospitals Group - St. Luke's Campus 363 Highland Avenue 3113 123 3113 124	Signature Healthcare Brockton Hospital		25	25	25
Memorial Campus Fall River, MA 02720 Southcoast Hospitals Group - St. Luke's 101 Page Street 3113 124 Campus	South Shore Hospital		122	122	
Southcoast Hospitals Group - St. Luke's 101 Page Street 3113 124 Campus		_	3113	123	
Campus		Fall River, MA 02720			
New Bedford, MA 02740		_	3113	124	
		New Bedford, MA 02740			

PART F. SUPPLEMENTARY INFORMATION

SUPPLEMENT II. HOSPITAL ADDRESSES, ORG ID, AND SERVICE SITE ID NUMBERS

Current Organization Name	Hospital Address	<u>ID</u> ORG HOSP	<u>ID</u> ORG FILER	SITE NO.*
Southcoast Hospitals Group - Tobey Hospital Campus	43 High Street	3113	145	
	Wareham, MA 02571			
Sturdy Memorial Hospital	211 Park Street Attleboro, MA 02703	129	129	
Tufts Medical Center	750 Washington Street Boston, MA 02111	104	104	
UMass. Marlborough Hospital	57 Union Street Marlborough, MA 01752-9981	133	133	
UMass. Memorial Medical Center	120 Front Street Worcester, MA 01608	3115	131	130
UMass. Wing Memorial Hospital	40 Wright Street Palmer, MA 01069-1187	139	139	
Winchester Hospital	41 Highland Avenue Winchester, MA 01890	138	138	

^{*} For data users trying to identify specific care sites, use site number. However, if site number is blank, use IdOrgFiler

PART F. SUPPLEMENTARY INFORMATION

$\frac{\text{SUPPLEMENT III. MERGERS, NAME CHANGES, CLOSURES, CONVERSIONS, AND NON-ACUTE CARE HOSPITALS}{\text{NAME CHANGES, CLOSURES, CONVERSIONS, AND NON-ACUTE CARE HOSPITALS}}$

MERGERS - ALPHABETICAL LIST

Name of New Entity	Names of Original Entities	DATE
Berkshire Health System	-Berkshire Medical Center -Hillcrest Hospital -Fairview Hospital	July 1996
Beth Israel Deaconess Medical Center	-Beth Israel Hospital -N.E. Deaconess Hospital	October 1996
Boston Medical Center	-Boston University Med. CtrBoston City Hospital -Boston Specialty/Rehab	July 1996
Cambridge Health Alliance NOTE: As of July 2001, Cambridge Health Alliance included Cambridge, Somerville, Whidden, & Malden's 42 Psych beds. Malden now closed. Cambridge & Somerville submitted data separately in the past. This year they are submitting under one name. In future years, they may use the Facility Site Number to identify each individual facility's discharges.	-Cambridge Hospital -Somerville Hospital	July 1996
Good Samaritan Medical Center	-Cardinal Cushing Hospital -Goddard Memorial	October 1993
Hallmark Health Systems NOTE: As of July 2001 includes only Lawrence Memorial & Melrose-Wakefield	-Lawrence Memorial -Hospital Malden Hospital -Unicare Health Systems (Note: Unicare was formed in July 1996 as a result of the merger of Melrose-Wakefield and Whidden Memorial Hospital)	October 1997
Health Alliance Hospitals, Inc.	-Burbank Hospital -Leominster Hospital	November 1994
Lahey Clinic	-Lahey -Hitchcock (NH)	January 1995
Medical Center of Central Massachusetts	-Holden District Hospital -Worcester Hahnemann -Worcester Memorial	October 1989
MetroWest Medical Center	-Leonard Morse Hospital -Framingham Union	January 1992

$\frac{\text{SUPPLEMENT IV. MERGERS, NAME CHANGES, CLOSURES, CONVERSIONS, AND NON-ACUTE CARE HOSPITALS}{\text{NAME CHANGES, CLOSURES, CONVERSIONS, AND NON-ACUTE CARE HOSPITALS}}$

MERGERS - ALPHABETICAL LIST

Name of New Entity	Names of Original Entities	Date
Northeast Health Systems	-Beverly Hospital -Addison Gilbert Hospital	October 1996
North Shore Medical Center	-North Shore Medical Center (dba Salem Hospital) and -Union Hospital NOTES: 1. Salem Hospital merged with North Shore Children's Hospital in April 1988 2. Lynn Hospital merged with Union Hospital in 1986 to form Atlanticare	March 2004
Saints Memorial Medical Center	-St. John's Hospital -St. Joseph's Hospital	October 1992
Sisters of Providence Health System	-Mercy Medical Center -Providence Hospital	June 1997
Southcoast Health Systems	-Charlton Memorial Hospital -St. Luke's Hospital -Tobey Hospital	June 1996
UMass. Memorial Medical Center	-UMMC -Memorial -Memorial-Hahnemann	April 1999

$\frac{\text{SUPPLEMENT IV. MERGERS, NAME CHANGES, CLOSURES, CONVERSIONS, AND NON-ACUTE CARE HOSPITALS}{\text{NAME CHANGES, CLOSURES, CONVERSIONS, AND NON-ACUTE CARE HOSPITALS}}$

NAME CHANGES

Name of New Entity	Original Entities	Date
Baystate Mary Lane	Mary Lane Hospital	
Beth Israel Deaconess Medical	-Beth Israel Hospital	
Center	-New England Deaconess Hospital	
Beth Israel Deaconess Needham	-Glover Memorial	July 2002
	-Deaconess-Glover Hospital	
Boston Medical Center –	Boston City Hospital	
Harrison Avenue Campus	University Hospital	
Boston Regional Medical Center	New England Memorial Hospital	Now Closed.
Cambridge Health Alliance –	Cambridge Hospital	
(now includes Cambridge,	Somerville Hospital	
Somerville & Whidden)	-	
Cambridge Health Alliance –	Hallmark Health Systems – Malden	Malden now
Malden & Whidden	& Whidden	closed.
Cape Cod Health Care Systems	Cape Cod Hospital	
	Falmouth Hospital	
Caritas Good Samaritan Medical	Cardinal Cushing Hospital	
Center	Goddard Memorial Hospital	
Caritas Norwood, Caritas	Norwood Hospital	
Southwood, Caritas Good	Southwood Hospital	
Samaritan Medical Center	Good Samaritan Med. Ctr.	
Caritas St. Elizabeth's Medical	St. Elizabeth's Medical Center	
Center		
Children's Hospital Boston	Children's Hospital	February 2004
Hallmark Health Lawrence	Lawrence Memorial Hospital	
Memorial Hospital & Hallmark	Melrose-Wakefield Hospital	
Health Melrose-Wakefield		
Hospital		
Holy Family Hospital	Bon Secours Hospital	
Kindred Hospitals – Boston &	Vencor Hospitals – Boston & North	
North Shore	Shore	
Lahey Clinic Hospital	Lahey Hitchcock Clinic	
MetroWest Medical Center –	Framingham Union Hospital	
Framingham Union Hospital &	Leonard Morse Hospital / Columbia	
Leonard Morse Hospital	MetroWest Medical Center	
Merrimack Valley Hospital	Haverhill Municipal (Hale)	Essent Health
	Hospital	Care purchased
		this facility in
		September 2001

$\frac{\text{SUPPLEMENT IV. MERGERS, NAME CHANGES, CLOSURES, CONVERSIONS, AND NON-ACUTE CARE HOSPITALS}{\text{NAME CHANGES, CLOSURES, CONVERSIONS, AND NON-ACUTE CARE HOSPITALS}}$

NAME CHANGES

Name of New Entity	Original Entities	Date
Milford Regional Medical Center	Milford-Whitinsville Hospital	
Nashoba Valley Hospital	Nashoba Community Hospital	January 2003
	Deaconess-Nashoba	
	Nashoba Valley Medical Center	
Northeast Health Systems	Beverly Hospital	
	Addison Gilbert Hospital	
North Shore Medical Center -	Salem Hospital	
Salem	North Shore Children's Hospital	
North Shore Medical Center -	Union Hospital	
Union		
Quincy Hospital	Quincy City Hospital	
Southcoast Health Systems	Charlton Memorial Hospital	
	St. Luke's Hospital	
	Tobey Hospital	
Tufts Medical Center	Tufts New England Medical Center,	January 2008
	New England Medical Center	
UMass. Memorial –	Clinton Hospital	
Clinton Hospital		
UMass. Memorial – Health	Health Alliance Hospitals, Inc.	
Alliance Hospital	_	
UMass. Memorial –	Marlborough Hospital	
Marlborough Hospital		
UMass. Memorial – Wing	Wing Memorial Hospital	
Memorial Hospital	gzomoriui irospiuii	
-	Waltham Waster Hearital	June 2002.
Waltham Hospital	Waltham-Weston Hospital	Now closed.
	Deaconess Waltham Hospital	now closed.

<u>SUPPLEMENT IV. MERGERS, NAME CHANGES, CLOSURES, CONVERSIONS, AND NON-ACUTE CARE HOSPITALS</u>

CLOSURES

Date	Hospital Name	Comments
June 1989	Sancta Maria	
September 1990	Mass. Osteopathic	
June 1990	Hunt	Outpatient only now.
July 1990	St. Luke's	
	Middleborough	
September 1991	Worcester City	
May 1993	Amesbury	
July 1993	Saint Margaret's	
June 1994	Heritage	
June 1994	Winthrop	
October 1994	St. Joseph's	
December 1994	Ludlow	
October 1996	Providence	
November 1996	Goddard	
1996	Lynn	
January 1997	Dana Farber	Inpatient acute beds now
), 1.400 7		at Brigham & Women's
March 1997	Burbank	
February 1999	Boston Regional	
April 1999	Malden	
August 1999	Symmes	
July 2003	Waltham	

NOTE: Subsequent to closure, some hospitals may have reopened for used other than an acute hospital (e.g., health care center, rehabilitation hospital, etc.)

$\frac{\text{SUPPLEMENT IV. MERGERS, NAME CHANGES, CLOSURES, CONVERSIONS, AND NON-ACUTE CARE HOSPITALS}{\text{NAME CHANGES, CLOSURES, CONVERSIONS, AND NON-ACUTE CARE HOSPITALS}}$

CONVERSIONS AND NON-ACUTE CARE HOSPITALS

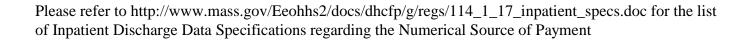
HOSPITAL	COMMENTS
Fairlawn Hospital	Converted to non-acute care hospital
Heritage Hospital	Converted to non-acute care hospital
Vencor – Kindred Hospital	Non-acute care hospital
Boston	_
Vencor – Kindred Hospital	Non-acute care hospital
North Shore	_

PART F. SUPPLEMENTARY INFORMATION

SUPPLEMENT V. ALAPHABETICAL SOURCE OF PAYMENT LIST

Please refer to http://www.mass.gov/Eeohhs2/docs/dhcfp/g/regs/114_1_17_inpatient_specs.doc for the list of Inpatient Discharge Data Specifications regarding the Alphabetical Source of Payment

SUPPLEMENT VI. NUMERICAL SOURCE OF PAYMENT LIST



SECTION II. TECHNICAL DOCUMENTATION

For your information, we have included a page of physical specifications for the data file at the beginning of this manual. Please refer to CD Specifications on page 2 for further details.

Technical Documentation included in this section of the manual is as follows:

- Part A. Calculated Field Documentation
- Part B. Data File Summary
- Part C. Revenue Code Mappings

Record layout gives a description of each field along with the starting and ending positions. A copy of this layout accompanies this manual for the users' review.

Calculated fields are age, newborn age in weeks, preoperative days, length of stay, Unique Health Information Number (UHIN), and days between stays. Each description has three parts:

First is a description of any Conventions. For example, how are missing values used?

Second is a Brief Description of how the fields are calculated. This description leaves out some of the detail. However, with the first section it gives a good working knowledge of the field.

Third is a Detailed Description of how the calculation is performed. This description follows the code very closely.

PART A. CALCULATED FIELD DOCUMENTATION

1. AGE CALCULATIONS

A) Conventions:

- 1) Age is calculated if the date of birth and admission date are valid. If either one is invalid, then '999' is placed in this field.
- 2) Discretion should be used whenever a questionable age assignment is noted. Researchers are advised to consider other data elements (i.e., if the admission type is newborn) in their analysis of this field.

B) Brief Description:

Age is calculated by subtracting the date of birth from the admission date.

- 1) If the patient has already had a birthday for the year, his or her age is calculated by subtracting the year of birth from the year of admission. If not, then the patient's age is the year of admission minus the year of birth, minus one.
- 2) If the age is 99 (the admission date is a year before the admission date or less) and the MDC is 15 (the patient is a newborn), then the age is assumed to be zero.

PART A. CALCULATED FIELD DOCUMENTATION

2. NEWBORN AGE

A) Conventions:

- 1) Newborn age is calculated to the nearest week (the remainder is dropped). Thus, newborns zero to six days old are considered to be zero weeks old.
- 2) Discharges that are not newborns have '99' in this field.

B) Brief Description:

Discharges less than one year old have their age calculated by subtracting the date of birth from the admission date. This gives the patient's age in days. This number is divided by seven, the remainder is dropped.

- 1) If a patient is 1 year old or older, the age in weeks is set to '99'.
- 2) If a patient is less than 1 year old then:
 - a) Patients' age is calculated in days using the Length of Stay (LOS) routine, described herein.
 - b) Number of days in step 'a' above is divided by seven, and the remainder is dropped.

PART A. CALCULATED FIELD DOCUMENTATION

3. PREOPERATIVE DAYS

A) Conventions:

- 1) A procedure performed on the day of admission will have preoperative days set to zero. One performed on the day after admission will have preoperative days set to 1, etc. A procedure performed on the day before admission will have preoperative days set to negative one (-1).
- 2) Preoperative days are set to 0000 when preoperative days are not applicable.
- 3) For procedures performed before the day of admission, a negative sign (-) will appear in the first position of the preoperative day field.

B) Brief Description:

Preoperative days are calculated by subtracting the patient's admission date from the surgery date.

- 1) If there is no procedure date, or if the procedure date or admission date is invalid, or if the procedure date occurs after the discharge date, then preoperative days is set to 0000.
- 2) Otherwise preoperative days are calculated using the Length of Stay (LOS) Routine, as described herein.

PART A. CALCULATED FIELD DOCUMENTATION

4. LENGTH OF STAY (LOS) CALCULATIONS

A) Conventions:

Same day discharges have a length of stay of 1 day.

B) Brief Description:

Length of Stay (LOS) is calculated by subtracting the admission date from the discharge date (and then subtracting Leave of Absence Days (LOA) days). If the result is zero (for same day discharges), then the value is changed to 1.

- 1) The length of stay is calculated using the LOS routine.
- 2) If the value is zero, then it is changed to a 1.

PART A. CALCULATED FIELD DOCUMENTATION

5. LENGTH OF STAY (LOS) ROUTINE

S. ELLIGITION STITT (LOS) ROCTING

None.

A) Conventions:

B) Brief Description:

- 1) Length of Stay (LOS) is calculated by subtracting the admission date from the Discharge Date and then subtracting the Leave of Absence from the total. If either date is invalid, length of stay = 0.
- 2) Days are accumulated a year at a time, until both dates are in the same year. At this point, the algorithm may have counted beyond the ending date or may still fall short of it. The difference is added (or subtracted) to give the correct LOS.

PART A. CALCULATED FIELD DOCUMENTATION

6. UNIQUE HEALTH INFORMATION NUMBER (UHIN) VISIT SEQUENCE NUMBER

A) Conventions:

If the Unique Health Information Number (UHIN) is undefined (not reported, unknown or invalid), the sequence number is set to zero.

B) Brief Description:

The Sequence Number is calculated by sorting the file by UHIN, admission date, and discharge date. The sequence number is then calculated by incrementing a counter for each UHIN's set of admissions.

- 1) UHIN Sequence Number is calculated by sorting the entire database by UHIN, admission date, then discharge date (both dates are sorted in ascending order).
- 2) If the UHIN is undefined (not reported, unknown or invalid), the sequence number is set to zero.
- 3) If the UHIN is valid, the sequence number is calculated by incrementing a counter from 1 to nnnn, where a sequence number of 1 indicates the first admission for the UHIN, and nnnn indicates the last admission for the UHIN.
- 4) If a UHIN has 2 admissions on the same day, the discharge date is used as the secondary sort key.

PART A. CALCULATED FIELD DOCUMENTATION

7. DAYS BETWEEN STAYS

A) Conventions:

- 1) If the UHIN is undefined (not reported unknown or invalid), the days between stays is set to zero.
- 2) If the previous discharge date is greater than the current admission date or the previous discharge date or current admission date is invalid (i.e., 03/63/95), DAYS BETWEEN STAYS is set to '9999' to indicate an error

B) Brief Description:

The Days Between Stays is calculated by sorting the file by UHIN, admission date, and discharge date. For UHINs with two or more admissions, the calculation subtracts the previous discharge date from the current admission date to find the Days Between Stays.

- 1) The Days Between Stays data element is calculated by sorting the entire database by UHIN, and sequence number.
- 2) If the UHIN is undefined (not reported, unknown or invalid), the Days Between Stays is set to zero.
- 3) If the UHIN is valid and this is the first occurrence of the UHIN, the discharge date is saved (in the event there is another occurrence of the UHIN). In this case, the Days Between Stays is set to zero.
- 4) If a second occurrence of the UHIN is found, Days Between Stays is calculated by finding the number of days between the previous discharge date and the current admission date, with the following caveats:
 - A) If the previous discharge date is greater than the current admission date; OR
- B) The previous discharge date or current admission date is invalid, (i.e., 03/63/95), Days Between Stays is set to '9999' to indicate an error.
- 5) Step 4 is repeated for all subsequent re-admissions until the UHIN changes.
- 6) The method used to calculate Length of Stay is also used to calculate Days Between Stays.
- 7) If the Discharge Date on the first admission date is the same as the admission date on the first re-admission, Days Between Stays is set to zero. This situation occurs for transfer patients, as well as for women admitted into the hospital with false labor.

PART B. DATA FILE SUMMARY

3. INPATIENT DATA CODE TABLES

Please refer to http://www.mass.gov/Eeohhs2/docs/dhcfp/g/regs/114_1_17_inpatient_specs.doc for the list of Inpatient Discharge Data Specifications regarding the Inpatient Data Code tables for all data elements requiring codes not otherwise specified in 114.1 CMR 17.00.

PART C. REVENUE CODE MAPPINGS

Please refer to http://www.mass.gov/Eeohhs2/docs/dhcfp/g/regs/114_1_17_inpatient_specs.doc for the list of Inpatient Discharge Data Specifications regarding the Inpatient Data Code tables for all data elements requiring codes not otherwise specified in 114.1 CMR 17.00.