Fiscal Year: 2010

Outpatient Hospital Observation Database Documentation Manual

DATE ISSUED: August 2011

INTRODUCTION

This documentation manual consists of two sections; General Documentation and Technical Documentation. This documentation manual is for use with the Outpatient Hospital Observation Database for FY2010 (also referred to in this manual as OOA)

Section I. General Documentation

The General Documentation section includes background on the development of the FY2010 Outpatient Hospital Observation Database, 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 section also contains hospital-reported discrepancies received in response to the data verification process, and supplementary information, including a table of data field names and descriptions, a list of Type A and Type B errors, and a list of hospitals within the database.

Please note that major changes to the data base went into effect beginning October 1, 2006. Implementation of the changes occurred in two phases. Changes to the record layout only began on October 1, 2006, for Quarter 1. Error edits for the new fields began on January 1, 2007, for Quarter 2. The January, February and March data submissions were processed with edits that counted toward submission pass/fail.

Section II. Technical Documentation

The Technical Documentation Section includes information on the fields calculated by the Division of Health Care Finance & Policy (DHCFP), and a data file summary section describing the data that is contained in the file.

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

Regulations:

Copies of *Regulation 114.1 CMR 17.00: Requirement for the Submission of Hospital Case Mix and Charge Data and Regulation 114.1 CMR 2.00: Disclosure of Hospital Case Mix and Charge Data* may be obtained for a fee 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. The Regulations also may be found at the Division's website:

http://www.mass.gov/dhcf

DVD File Specifications

1. Hardware Requirements

*DVD ROM Device
*Hard Drive with 1.60 GB of space available

2. DVD Contents

This DVD contains the Final/Full Year 2010 Outpatient Hospital Observation Data Product. It contains two Microsoft Access (MDB) files.

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.

3. File Naming Conventions

OA07L#Q1
OA07L#Q2   *Where '#' stands for the level of data requested*
OA07L#Q3
OA07L#Q4

PART A. BACKGROUND INFORMATION

1. GENERAL DOCUMENTATION OVERVIEW

The General Documentation consists of six sections.

PART A. BACKGROUND INFORMATION:

Provides a general documentation overview, description of quarterly reporting periods, and information on the development of the Outpatient Hospital Observation Database.

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 definitions, general data caveats, and information on specific data elements. To ensure that the database is as accurate as possible, the Division strongly encourages hospitals to verify the accuracy of their data as it appears on the Outpatient Hospital Observation Database Verification Report, or to indicate that the hospital found discrepancies in its data. If a hospital finds data discrepancies, the Division requests that the hospital submit written corrections that provide an accurate profile of that hospital's observation stays.

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 Hospital's OOA Verification Report Responses
2. List of Error Categories
3. Summary of Reported Discrepancies by Category
4. Index of Hospitals Reporting Discrepancies
5. Individual Hospital Discrepancy Documentation

PART D. CAUTIONARY USE HOSPITALS:

Lists the hospitals for which the Division did not receive four (4) quarters of acceptable Outpatient Hospital Observation Data, as specified under Regulation 114.1 CMR 17.00.

PART E. HOSPITALS SUBMITTING DATA:

Lists all hospitals submitting OOA data and those that failed to provide data. Also lists hospital discharge and charge totals by quarter for hospitals submitting data.

PART F. SUPPLEMENTARY INFORMATION:

Contains data element names, descriptions, and types of errors, hospital addresses, and identification numbers, as specificed in:
Regulation 114.1 CMR 17.08: Outpatient Observation Data Specifications.

Part A. BACKGROUND INFORMATION

2. Definition of Quarterly Reporting Periods

All Massachusetts acute care hospitals are required to file data which describes the case mix of their patients 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. These quarterly reporting intervals were as follows:

Quarter 1:   October 1, 2009 - December 31, 2009

Quarter 2:   January 1, 2010 - March 31, 2010

Quarter 3:   April 1, 2010 - June 30, 2010

Quarter 4:   July 1, 2010 - September 30, 2010

PART A. BACKGROUND INFORMATION

3. Development of the Outpatient Hospital Observation Database

The Massachusetts Division of Health Care Finance and Policy began collecting Outpatient Observation Data in July, 1997. The Division's collection of Outpatient Observation Data was in response to increasing migration of hospital care to the outpatient observation setting from the traditional inpatient setting. Outpatient Observation patients are observed, evaluated, and treated, if necessary, before they are safely discharged from the hospital.

The Outpatient Observation Data includes patients who receive outpatient observation services and are not admitted to the hospital. Outpatient Observation services is defined generally for reporting purposes in the Case Mix Regulation 114.1 CMR 17.00 as:

> *Observation services are those furnished on a hospital's premises which are reasonable and necessary to further evaluate the patient's condition and provide treatment to determine the need for possible admission to the hospital. These services include the use of a bed and periodic monitoring by a hospital's physician, nursing, and other staff.*

PART A. BACKGROUND INFORMATION

3. Development of the Outpatient Hospital Observation Database

Description of the Data Levels I - VI

Six 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". 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: the Unique Health Identification Number (UHIN, which is the encrypted patient social security number), the patient medical record number, hospital billing number, Mother's UHIN, date of birth, beginning and ending dates of service, the Unique Physician Number (UPN, which is the encrypted Massachusetts Board of Registration in Medicine License Number), and procedure dates.

The six levels include:

LEVEL I: Contains all case mix data elements, except the deniable data elements

LEVEL II: 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 observation sequence number for each UHIN observation record, and may include the number of days between each subsequent observation stay for each UHIN number.

LEVEL IV: Contains all Level I data elements, plus the patient UHIN, the mother's UHIN, the UPN, an observation sequence number for each UHIN observation record, and may include the number of days between each subsequent observation stay for each UHIN number.

LEVEL V: Contains all Level IV data elements, plus the patient's beginning service date, and ending service date and procedure dates.

LEVEL VI: Contains all of the deniable data elements.

PART B. DATA

1. OUTPATIENT OBSERVATION DATA QUALITY STANDARDS

The Regulation requires hospitals to submit outpatient observation data 75 days after the close of each quarter. The quarterly data is then edited for compliance with regulatory requirements, as specified in Regulation 114.1 CMR 17.00: Outpatient Observation Data Specifications.

The Regulation specifies a one percent error rate, based on the presence of type A and type B errors as follows:

Type A: One error per outpatient observation stay causes rejection of discharge.

Type B: Two errors per outpatient observation stay causes rejection of discharge.

If one percent or more of the discharges are rejected, then the entire data submission is rejected by the Division, and the hospital is informed that the submission failed the edit process. These edits primarily check for valid codes, correct formatting, and the presence of required data elements. Please see listing of data elements categorized by error type in the Supplement Section.

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

The Division strives to include data that has passed the one percent compliance standard in the data files we release to the public. When this is not possible, we include data which did not meet the 1% standard (i.e. failed the edits). Submissions which have failed are referred to as Cautionary Submissions. Observation stays within submissions that have failed the edit process are assigned a special flag which indicates that the submission failed.

PART B. DATA

1. OUTPATIENT OBSERVATION DATA QUALITY STANDARDS

Data Verification Process

The year-end Outpatient Observation Data verification process is intended to present the hospitals with a profile of their individual data as retained by the Division. The purpose of this process is to function as a quality control measure for hospitals to review the data they have provided to the Division of Health Care Finance and Policy.

Hospitals have an opportunity to review their data each year. The Division produces a Profile Report for the hospital to review that contains a series of frequency distribution tables covering selected data elements. A complete listing of all tables is below.

Observation Visits by Month	Average Hours of Service
Charge Summary	Observation Type Distribution
Originating Referral/Transferring Source	Secondary Referring/Transferring Source
Other Primary Caregivers	Departure Status
Top 20 Zip Codes	Gender Distribution
Race 1	Race 2
Ethnicity 1	Ethnicity 2
Hispanic Indicator	Top 10 Primary Payors
Top 10 Secondary Payors	Top 10 Primary Diagnoses
Top 10 Principal Procedures	

PART B. DATA

1. OUTPATIENT OBSERVATION DATA QUALITY STANDARDS

Data Verification Process - Continued

After reviewing each Profile Report, hospitals are asked to file a response form which provides the Division with verification that the report has been reviewed. The Profile Report Response Form provides each hospital with two alternatives for their reply:

Hospital Agrees (also known as an "A" response): By checking this category, a hospital indicates its agreement that the data appearing on the Profile Report is accurate and that it represents the hospital's outpatient observation patient profile.

Hospital Discrepancies Noted (also known as a "B" response): By checking this category, a hospital indicates that the data on the report is accurate except for discrepancies noted.

If any discrepancies exist (i.e. a "B" response), the Division requests that hospitals provide a written explanation of the discrepancies, which will be included in this Outpatient Hospital Observation Documentation manual. Hospitals are strongly encouraged by the Division to review their Profile Report for inaccuracies and make necessary corrections so that subsequent quarters of data will be accurate.

PART B. DATA

2. GENERAL DATA CAVEATS

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

- Collection and Verification of patient supplied information at the time of arrival;

- Medical Record Coding, consistency, and/or completeness;

- Extent of hospital data processing capabilities;

- Extent of hospital data processing systems;

- Varying degrees of commitment to quality of data;

- Non-comparability of data collection and reporting

PART B. DATA

3. DIVISION CALCULATED FIELDS

Analysis of the UHIN data by the Division has turned up problems with some of the reported data for the inpatient and outpatient observation stays databases. 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 visits 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 Division has found that, on average, 91% of 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 are 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 Division strongly suggests that users perform qualitative checks on the data prior to drawing conclusions about that data.

PART C. HOSPITAL RESPONSES

ORG ID	HOSPITAL NAME	'A'	'B'	NO RESPONSE	COMMENTS
1	Anna Jaques Hospital	X			
2	Athol Memorial Hospital	X			
5	Baystate Franklin Medical Center	X			
6	Baystate Mary Lane Hospital	X			
4	Baystate Medical Center	X			
53	Beth Israel Deaconess Hospital - Needham	X			
10	Beth Israel Deaconess Medical Center	X			
16	Boston Medical Center	X			
22	Brigham and Women's Hospital	X			
27	Cambridge Health Alliance	X			
39	Cape Cod Hospital	X			
46	Children's Hospital Boston	X			
132	Clinton Hospital	X			
50	Cooley Dickinson Hospital	X			
51	Dana-Farber Cancer Institute	X			
57	Emerson Hospital	X			
8	Fairview Hospital	X			
40	Falmouth Hospital	X			
59	Faulkner Hospital	X			
66	Hallmark Health System - Lawrence Memorial Hospital	X			
141	Hallmark Health System - Melrose-Wakefield Hospital	X			
68	Harrington Memorial Hospital	X			
71	Health Alliance Hospitals, Inc.		X		

PART C. HOSPITAL RESPONSES

ORG ID	HOSPITAL NAME	'A'	'B'	NO RESPONSE	COMMENTS
73	Heywood Hospital	X			
77	Holyoke Medical Center	X			
79	Jordan Hospital	X			
81	Lahey Clinic - Burlington Campus	X			
81	Lahey Clinic Burlington	X			
83	Lawrence General Hospital	X			
85	Lowell General Hospital	X			
88	Martha's Vineyard Hospital	X			
89	Massachusetts Eye and Ear Infirmary			X	See comment.
91	Massachusetts General Hospital	X			
119	Mercy Hospital - Springfield Campus	X			
118	Mercy Medical Center - Providence Campus				
119	Mercy Medical Center - Springfield Campus	X			
70	Merrimack Valley Hospital	X			
49	MetroWest Medical Center	X			
97	Milford Regional Medical Center	X			
98	Milton Hospital	X			
99	Morton Hospital	X			
100	Mount Auburn Hospital	X			
101	Nantucket Cottage Hospital		X		
52	Nashoba Valley Medical Center	X			
103	New England Baptist Hospital	X			
105	Newton Wellesley Hospital	X			

PART C. HOSPITAL RESPONSES

ORG ID	HOSPITAL NAME	'A'	'B'	NO RESPONSE	COMMENTS
106	Noble Hospital	X			
107	North Adams Regional Hospital	X			
116	North Shore Medical Center, Inc.	X			
110	Northeast Health Systems - Beverly	X			
109	Northeast Health Systems - Addison Gilbert	X			
112	Quincy Medical Center	X			
127	Saint Vincent Hospital		X		
115	Saints Memorial Medical Center	X			
25	Signature Healthcare Brockton Hospital	X			
122	South Shore Hospital	X			
123	Southcoast Hospitals Group - Charlton Memorial Campus	X			
124	Southcoast Hospitals Group - St. Luke's Campus	X			
145	Southcoast Hospitals Group - Tobey Hospital Campus	X			
42	Stewart Carney Hospital	X			
62	Stewart Good Samaritan Medical Center	X			
75	Stewart Holy Family Hospital and Medical Center	X			
41	Stewart Norwood Hospital	X			
114	Stewart St. Anne's Hospital	X			
126	Stewart St. Elizabeth's Hospital	X			
129	Sturdy Memorial Hospital	X			

PART C. HOSPITAL RESPONSES

ORG ID	HOSPITAL NAME	'A'	'B'	NO RESPONSE	COMMENTS
104	Tufts Medical Center	X			
131	UMass Memorial	X			
133	UMass. Marlborough Hospital				
131	UMass. Memorial Medical Center	X			
139	UMass. Wing Memorial Hospital	X			
138	Winchester Hospital	X			

PART C. HOSPITAL RESPONSES

Summary of Reported Discrepancies by Category and Hospital

	Visits by Month	Hours of Service	Charge Summary	Observation Type Distribution	Originating Referral/Transferring Source	Secondary Referral/Transferring Source	Other Primary Caregivers	Departure Status	Top 20 Zipcodes	Gender	Race 1	Race 2	Ethnicity 1	Ethnicity 2	Hispanic Indicator	Top 10 Primary Payors	Top 10 Secondary Payors	Top 10 Primary Diagnoses	Top 10 Principal Procedures
Health Alliance Hospitals, Inc.	X	X	X	X	X					X			X		X	X			
Nantucket Cottage Hospital	X																		
Saint Vincent Hospital					X														

PART C. HOSPITAL RESPONSES

<u>INDIVIDUAL HOSPITAL DISCREPANCY DOCUMENTATION</u>
Massachusetts Eye and Ear Infirmary

Massachusetts Eye and Ear Infirmary did not respond to the verification reports and does not have any passed quarters.

PART D. CAUTIONARY USE HOSPITALS

Massachusetts Eye and Ear Infirmary

PART E. HOSPITALS SUBMITTING OBSERVATION DATA

<u>Discharge and Charge totals for Hospitals Submitting Data by Quarter</u>

The following is a list of the discharge and charge totals for hospitals submitting fiscal year data by quarter. It is included here as a means of enabling users to cross check the contents of the electronic file they receive.

<u>Qtr.</u>	<u>Hospital Name</u>	<u>ORG ID</u>	<u>Total Discharges</u>	<u>Total Charges</u>
1	Anna Jaques Hospital	1	403	$1,559,888
2	Anna Jaques Hospital	1	440	$1,573,278
3	Anna Jaques Hospital	1	451	$1,789,024
4	Anna Jaques Hospital	1	461	$1,769,720
Totals:			**1,755**	**$6,691,910**
1	Athol Memorial Hospital	2	35	$414,656
2	Athol Memorial Hospital	2	32	$303,836
3	Athol Memorial Hospital	2	36	$324,216
4	Athol Memorial Hospital	2	29	$336,644
Totals:			**132**	**$1,379,352**
1	Baystate Franklin Medical Center	5	334	$2,516,178
2	Baystate Franklin Medical Center	5	357	$2,902,990
3	Baystate Franklin Medical Center	5	348	$2,794,350
4	Baystate Franklin Medical Center	5	372	$3,244,526
Totals:			**1,411**	**$11,458,044**
1	Baystate Mary Lane Hospital	6	138	$866,439
2	Baystate Mary Lane Hospital	6	156	$1,133,461
3	Baystate Mary Lane Hospital	6	187	$1,383,026
4	Baystate Mary Lane Hospital	6	142	$1,014,904
Totals:			**623**	**$4,397,830**
1	Baystate Medical Center	4	1,985	$15,205,532
2	Baystate Medical Center	4	2,165	$17,351,761
3	Baystate Medical Center	4	2,101	$16,773,724
4	Baystate Medical Center	4	2,176	$17,522,905
Totals:			**8,427**	**$66,853,922**
1	Berkshire Medical Center - Berkshire Campus	7	759	$6,624,912
2	Berkshire Medical Center - Berkshire Campus	7	754	$7,215,585
3	Berkshire Medical Center - Berkshire Campus	7	682	$5,908,392
4	Berkshire Medical Center - Berkshire Campus	7	826	$7,422,216
Totals:			**3,021**	**$27,171,105**

Qtr.	Hospital Name	ORG ID	Total Discharges	Total Charges
1	Beth Israel Deaconess Hospital - Needham	53	264	$2,006,813
2	Beth Israel Deaconess Hospital - Needham	53	204	$1,537,609
3	Beth Israel Deaconess Hospital - Needham	53	228	$1,590,092
4	Beth Israel Deaconess Hospital - Needham	53	264	$1,664,919
Totals:			**960**	**$6,799,433**
1	Beth Israel Deaconess Medical Center - East Campus	10	2,144	$28,701,170
2	Beth Israel Deaconess Medical Center - East Campus	10	2,003	$25,718,025
3	Beth Israel Deaconess Medical Center - East Campus	10	2,083	$27,863,760
4	Beth Israel Deaconess Medical Center - East Campus	10	2,297	$34,708,716
Totals:			**8,527**	**$116,991,671**
1	Boston Medical Center - Harrison Avenue Campus	16	1,484	$9,447,109
2	Boston Medical Center - Harrison Avenue Campus	16	1,679	$10,944,768
3	Boston Medical Center - Harrison Avenue Campus	16	1,741	$11,404,832
4	Boston Medical Center - Harrison Avenue Campus	16	1,889	$12,363,918
Totals:			**6,793**	**$44,160,627**
1	Brigham and Women's Hospital	22	1,991	$32,005,232
2	Brigham and Women's Hospital	22	1,962	$29,509,370
3	Brigham and Women's Hospital	22	2,056	$32,394,095
4	Brigham and Women's Hospital	22	2,062	$32,871,558
Totals:			**8,071**	**$126,780,255**
1	Cambridge Health Alliance - Cambridge Campus	27	508	$4,594,831
2	Cambridge Health Alliance - Cambridge Campus	27	577	$5,161,536
3	Cambridge Health Alliance - Cambridge Campus	27	702	$6,312,141
4	Cambridge Health Alliance - Cambridge Campus	27	743	$6,808,333
Totals:			**2,530**	**$22,876,841**
1	Cape Cod Hospital	39	298	$5,038,283
2	Cape Cod Hospital	39	304	$4,303,169
3	Cape Cod Hospital	39	365	$5,217,842
4	Cape Cod Hospital	39	397	$5,637,438
Totals:			**1,364**	**$20,196,732**
1	Children's Hospital Boston	46	1,653	$28,667,966
2	Children's Hospital Boston	46	1,703	$29,605,950
3	Children's Hospital Boston	46	1,863	$30,193,539
4	Children's Hospital Boston	46	1,887	$32,961,123
Totals:			**7,106**	**$121,428,578**
1	Clinton Hospital	132	123	$1,147,525
2	Clinton Hospital	132	121	$1,178,492

Qtr.	Hospital Name	ORG ID	Total Discharges	Total Charges
3	Clinton Hospital	132	110	$1,140,821
4	Clinton Hospital	132	143	$1,516,906
Totals:			**497**	**$4,983,744**
1	Cooley Dickinson Hospital	50	257	$2,380,985
2	Cooley Dickinson Hospital	50	257	$1,973,205
3	Cooley Dickinson Hospital	50	266	$2,236,430
4	Cooley Dickinson Hospital	50	308	$2,522,915
Totals:			**1,088**	**$9,113,535**
1	Dana-Farber Cancer Institute	51	5	$75,871
2	Dana-Farber Cancer Institute	51	5	$91,720
3	Dana-Farber Cancer Institute	51	11	$165,471
4	Dana-Farber Cancer Institute	51	12	$200,535
Totals:			**33**	**$533,597**
1	Emerson Hospital	57	335	$2,707,004
2	Emerson Hospital	57	364	$2,870,776
3	Emerson Hospital	57	256	$2,083,981
4	Emerson Hospital	57	282	$2,342,195
Totals:			**1,237**	**$10,003,956**
1	Fairview Hospital	8	73	$505,280
2	Fairview Hospital	8	67	$501,220
3	Fairview Hospital	8	52	$371,864
4	Fairview Hospital	8	72	$518,215
Totals:			**264**	**$1,896,579**
1	Falmouth Hospital	40	205	$2,298,983
2	Falmouth Hospital	40	196	$2,346,960
3	Falmouth Hospital	40	155	$1,870,666
4	Falmouth Hospital	40	203	$2,443,095
Totals:			**759**	**$8,959,704**
1	Faulkner Hospital	59	375	$7,708,128
2	Faulkner Hospital	59	448	$9,141,376
3	Faulkner Hospital	59	321	$6,359,771
4	Faulkner Hospital	59	309	$5,905,443
Totals:			**1,453**	**$29,114,718**
1	Hallmark Health System - Lawrence Memorial Hospital Campu	66	137	$1,060,778
2	Hallmark Health System - Lawrence Memorial Hospital Campu	66	129	$914,406
3	Hallmark Health System - Lawrence Memorial Hospital Campu	66	141	$1,052,879
4	Hallmark Health System - Lawrence Memorial Hospital Campu	66	119	$871,101

Qtr.	Hospital Name	ORG ID	Total Discharges	Total Charges
Totals:			**526**	**$3,899,164**
1	Hallmark Health System - Melrose-Wakefield Hospital Campus	141	607	$3,306,656
2	Hallmark Health System - Melrose-Wakefield Hospital Campus	141	572	$3,244,363
3	Hallmark Health System - Melrose-Wakefield Hospital Campus	141	571	$3,104,709
4	Hallmark Health System - Melrose-Wakefield Hospital Campus	141	453	$2,941,270
Totals:			**2,203**	**$12,596,998**
1	Harrington Memorial Hospital	68	609	$5,120,123
2	Harrington Memorial Hospital	68	535	$3,826,575
3	Harrington Memorial Hospital	68	438	$3,417,520
4	Harrington Memorial Hospital	68	386	$2,805,545
Totals:			**1,968**	**$15,169,763**
1	Health Alliance Hospitals, Inc.	71	467	$1,814,611
2	Health Alliance Hospitals, Inc.	71	469	$1,776,202
3	Health Alliance Hospitals, Inc.	71	507	$1,953,400
4	Health Alliance Hospitals, Inc.	71	540	$2,179,645
Totals:			**1,983**	**$7,723,858**
1	Heywood Hospital	73	376	$1,653,424
2	Heywood Hospital	73	371	$1,526,730
3	Heywood Hospital	73	423	$1,700,910
4	Heywood Hospital	73	436	$2,155,039
Totals:			**1,606**	**$7,036,103**
1	Holyoke Medical Center	77	547	$3,862,297
2	Holyoke Medical Center	77	613	$3,948,445
3	Holyoke Medical Center	77	480	$3,412,900
4	Holyoke Medical Center	77	548	$4,072,157
Totals:			**2,188**	**$15,295,799**
1	Jordan Hospital	79	449	$3,556,963
2	Jordan Hospital	79	492	$3,719,216
3	Jordan Hospital	79	474	$3,314,530
4	Jordan Hospital	79	490	$3,512,752
Totals:			**1,905**	**$14,103,461**
1	Lahey Clinic -- Burlington Campus	81	1,154	$12,184,123
2	Lahey Clinic -- Burlington Campus	81	1,329	$14,254,981
3	Lahey Clinic -- Burlington Campus	81	1,265	$13,976,899
4	Lahey Clinic -- Burlington Campus	81	1,264	$13,244,191
Totals:			**5,012**	**$53,660,194**
1	Lawrence General Hospital	83	909	$4,474,127

Qtr.	Hospital Name	ORG ID	Total Discharges	Total Charges
2	Lawrence General Hospital	83	956	$5,438,064
3	Lawrence General Hospital	83	821	$5,120,634
4	Lawrence General Hospital	83	556	$4,447,305
Totals:			**3,242**	**$19,480,130**
1	Lowell General Hospital	85	275	$1,905,766
2	Lowell General Hospital	85	267	$1,801,982
3	Lowell General Hospital	85	338	$2,293,496
4	Lowell General Hospital	85	318	$2,159,214
Totals:			**1,198**	**$8,160,458**
1	Martha's Vineyard Hospital	88	139	$1,471,872
2	Martha's Vineyard Hospital	88	127	$1,226,777
3	Martha's Vineyard Hospital	88	127	$1,322,469
4	Martha's Vineyard Hospital	88	146	$1,462,897
Totals:			**539**	**$5,484,015**
1	Massachusetts Eye and Ear Infirmary	89	736	$11,051,511
2	Massachusetts Eye and Ear Infirmary	89	771	$10,957,204
3	Massachusetts Eye and Ear Infirmary	89	767	$10,234,580
4	Massachusetts Eye and Ear Infirmary	89	952	$13,601,384
Totals:			**3,226**	**$45,844,679**
1	Massachusetts General Hospital	91	906	$15,770,358
2	Massachusetts General Hospital	91	895	$16,017,909
3	Massachusetts General Hospital	91	946	$16,375,083
4	Massachusetts General Hospital	91	1,006	$18,263,010
Totals:			**3,753**	**$66,426,360**
1	Mercy Medical Center - Springfield Campus	119	740	$7,042,818
2	Mercy Medical Center - Springfield Campus	119	852	$7,719,853
3	Mercy Medical Center - Springfield Campus	119	740	$7,401,681
4	Mercy Medical Center - Springfield Campus	119	773	$7,541,904
Totals:			**3,105**	**$29,706,256**
1	Merrimack Valley Hospital	70	214	$1,364,380
2	Merrimack Valley Hospital	70	234	$1,608,430
3	Merrimack Valley Hospital	70	244	$1,700,539
4	Merrimack Valley Hospital	70	227	$1,595,343
Totals:			**919**	**$6,268,692**
1	MetroWest Medical Center - Framingham Campus	49	1,182	$10,159,987
2	MetroWest Medical Center - Framingham Campus	49	1,167	$11,312,315
3	MetroWest Medical Center - Framingham Campus	49	1,190	$11,039,033

Qtr.	Hospital Name	ORG ID	Total Discharges	Total Charges
4	MetroWest Medical Center - Framingham Campus	49	1,034	$10,398,185
Totals:			**4,573**	**$42,909,520**
1	Milford Regional Medical Center	97	1,090	$8,629,105
2	Milford Regional Medical Center	97	1,156	$9,087,829
3	Milford Regional Medical Center	97	1,097	$8,700,564
4	Milford Regional Medical Center	97	1,024	$8,039,062
Totals:			**4,367**	**$34,456,560**
1	Milton Hospital	98	189	$1,104,906
2	Milton Hospital	98	212	$1,235,981
3	Milton Hospital	98	203	$1,369,565
4	Milton Hospital	98	178	$1,042,763
Totals:			**782**	**$4,753,215**
1	Morton Hospital and Medical Center	99	377	$2,427,915
2	Morton Hospital and Medical Center	99	390	$2,448,192
3	Morton Hospital and Medical Center	99	322	$2,001,435
4	Morton Hospital and Medical Center	99	409	$2,676,319
Totals:			**1,498**	**$9,553,861**
1	Mount Auburn Hospital	100	808	$4,361,984
2	Mount Auburn Hospital	100	743	$3,838,191
3	Mount Auburn Hospital	100	802	$4,164,898
4	Mount Auburn Hospital	100	694	$3,222,835
Totals:			**3,047**	**$15,587,908**
1	Nantucket Cottage Hospital	101	44	$365,994
2	Nantucket Cottage Hospital	101	48	$414,133
3	Nantucket Cottage Hospital	101	54	$460,260
4	Nantucket Cottage Hospital	101	70	$785,623
Totals:			**216**	**$2,026,010**
1	Nashoba Valley Medical Center	52	154	$1,358,739
2	Nashoba Valley Medical Center	52	154	$1,391,751
3	Nashoba Valley Medical Center	52	169	$1,453,657
4	Nashoba Valley Medical Center	52	155	$1,312,856
Totals:			**632**	**$5,517,003**
1	New England Baptist Hospital	103	45	$276,877
2	New England Baptist Hospital	103	60	$401,674
3	New England Baptist Hospital	103	57	$364,323
4	New England Baptist Hospital	103	76	$483,417
Totals:			**238**	**$1,526,291**

Qtr.	Hospital Name	ORG ID	Total Discharges	Total Charges
1	Newton-Wellesley Hospital	105	855	$11,642,381
2	Newton-Wellesley Hospital	105	930	$10,094,240
3	Newton-Wellesley Hospital	105	992	$7,071,237
4	Newton-Wellesley Hospital	105	810	$6,529,715
Totals:			**3,587**	**$35,337,573**
1	Noble Hospital	106	84	$476,769
2	Noble Hospital	106	93	$552,472
3	Noble Hospital	106	107	$581,816
4	Noble Hospital	106	95	$504,634
Totals:			**379**	**$2,115,691**
1	North Adams Regional Hospital	107	217	$1,772,374
2	North Adams Regional Hospital	107	224	$1,894,080
3	North Adams Regional Hospital	107	228	$1,630,759
4	North Adams Regional Hospital	107	216	$1,700,716
Totals:			**885**	**$6,997,929**
1	North Shore Medical Center, Inc. - Salem Campus	116	481	$4,950,098
2	North Shore Medical Center, Inc. - Salem Campus	116	518	$4,969,043
3	North Shore Medical Center, Inc. - Salem Campus	116	554	$5,357,524
4	North Shore Medical Center, Inc. - Salem Campus	116	558	$5,420,217
Totals:			**2,111**	**$20,696,882**
1	Northeast Hospital Corporation - Addison Gilbert Campus	109	123	$602,887
2	Northeast Hospital Corporation - Addison Gilbert Campus	109	105	$517,218
3	Northeast Hospital Corporation - Addison Gilbert Campus	109	133	$692,137
4	Northeast Hospital Corporation - Addison Gilbert Campus	109	133	$789,815
Totals:			**494**	**$2,602,057**
1	Northeast Hospital Corporation - Beverly Campus	110	764	$3,434,778
2	Northeast Hospital Corporation - Beverly Campus	110	745	$3,185,375
3	Northeast Hospital Corporation - Beverly Campus	110	734	$2,985,380
4	Northeast Hospital Corporation - Beverly Campus	110	774	$3,477,332
Totals:			**3,017**	**$13,082,865**
1	Quincy Medical Center	112	238	$1,906,670
2	Quincy Medical Center	112	329	$2,667,716
3	Quincy Medical Center	112	369	$2,786,795
4	Quincy Medical Center	112	388	$2,948,863
Totals:			**1,324**	**$10,310,044**
1	Saint Vincent Hospital	127	1,352	$10,583,720
2	Saint Vincent Hospital	127	1,342	$10,348,828

Qtr.	Hospital Name	ORG ID	Total Discharges	Total Charges
3	Saint Vincent Hospital	127	1,399	$10,672,426
4	Saint Vincent Hospital	127	1,298	$9,142,756
Totals:			**5,391**	**$40,747,730**
1	Saints Medical Center	115	607	$3,685,702
2	Saints Medical Center	115	647	$4,515,208
3	Saints Medical Center	115	600	$4,308,172
4	Saints Medical Center	115	574	$4,180,562
Totals:			**2,428**	**$16,689,644**
1	Signature Healthcare Brockton Hospital	25	619	$4,671,000
2	Signature Healthcare Brockton Hospital	25	593	$4,365,394
3	Signature Healthcare Brockton Hospital	25	416	$3,322,314
4	Signature Healthcare Brockton Hospital	25	373	$2,834,563
Totals:			**2,001**	**$15,193,271**
1	South Shore Hospital	122	1,206	$9,794,133
2	South Shore Hospital	122	1,254	$10,254,142
3	South Shore Hospital	122	1,254	$9,944,171
4	South Shore Hospital	122	1,211	$9,780,262
Totals:			**4,925**	**$39,772,708**
1	Southcoast Hospitals Group - Charlton Memorial Campus	123	780	$6,514,103
2	Southcoast Hospitals Group - Charlton Memorial Campus	123	700	$4,810,048
3	Southcoast Hospitals Group - Charlton Memorial Campus	123	737	$5,334,838
4	Southcoast Hospitals Group - Charlton Memorial Campus	123	681	$4,284,306
Totals:			**2,898**	**$20,943,295**
1	Southcoast Hospitals Group - St. Luke's Campus	124	795	$6,288,303
2	Southcoast Hospitals Group - St. Luke's Campus	124	709	$5,527,119
3	Southcoast Hospitals Group - St. Luke's Campus	124	731	$5,603,356
4	Southcoast Hospitals Group - St. Luke's Campus	124	615	$4,211,320
Totals:			**2,850**	**$21,630,098**
1	Southcoast Hospitals Group - Tobey Hospital Campus	145	172	$1,072,447
2	Southcoast Hospitals Group - Tobey Hospital Campus	145	186	$1,041,180
3	Southcoast Hospitals Group - Tobey Hospital Campus	145	179	$1,056,199
4	Southcoast Hospitals Group - Tobey Hospital Campus	145	198	$1,097,561
Totals:			**735**	**$4,267,387**
1	Steward Carney Hospital	42	99	$533,277
2	Steward Carney Hospital	42	98	$482,392
3	Steward Carney Hospital	42	130	$637,279
4	Steward Carney Hospital	42	178	$901,848

Qtr.	Hospital Name	ORG ID	Total Discharges	Total Charges
Totals:			**505**	**$2,554,796**
1	Steward Good Samaritan Medical Center - Brockton Campus	62	235	$1,301,458
2	Steward Good Samaritan Medical Center - Brockton Campus	62	259	$1,525,435
3	Steward Good Samaritan Medical Center - Brockton Campus	62	284	$1,675,351
4	Steward Good Samaritan Medical Center - Brockton Campus	62	274	$1,888,303
Totals:			**1,052**	**$6,390,547**
1	Steward Holy Family Hospital and Medical Center	75	379	$2,967,251
2	Steward Holy Family Hospital and Medical Center	75	312	$2,722,433
3	Steward Holy Family Hospital and Medical Center	75	448	$4,205,641
4	Steward Holy Family Hospital and Medical Center	75	495	$4,369,257
Totals:			**1,634**	**$14,264,582**
1	Steward Norwood Hospital	41	341	$1,944,134
2	Steward Norwood Hospital	41	327	$1,904,393
3	Steward Norwood Hospital	41	326	$1,871,925
4	Steward Norwood Hospital	41	299	$1,678,181
Totals:			**1,293**	**$7,398,633**
1	Steward Saint Anne's Hospital	114	197	$1,838,083
2	Steward Saint Anne's Hospital	114	195	$1,852,336
3	Steward Saint Anne's Hospital	114	200	$2,077,173
4	Steward Saint Anne's Hospital	114	133	$1,762,673
Totals:			**725**	**$7,530,265**
1	Steward St. Elizabeth's Medical Center	126	282	$1,721,600
2	Steward St. Elizabeth's Medical Center	126	273	$1,613,648
3	Steward St. Elizabeth's Medical Center	126	287	$2,010,853
4	Steward St. Elizabeth's Medical Center	126	301	$2,104,602
Totals:			**1,143**	**$7,450,703**
1	Sturdy Memorial Hospital	129	510	$3,610,129
2	Sturdy Memorial Hospital	129	581	$4,215,030
3	Sturdy Memorial Hospital	129	570	$4,293,844
4	Sturdy Memorial Hospital	129	555	$4,006,474
Totals:			**2,216**	**$16,125,477**
1	Tufts Medical Center	104	316	$2,244,342
2	Tufts Medical Center	104	323	$2,455,237
3	Tufts Medical Center	104	356	$2,960,008
4	Tufts Medical Center	104	291	$2,192,300
Totals:			**1,286**	**$9,851,887**
1	UMass Marlborough Hospital	133	216	$2,034,838

Qtr.	Hospital Name	ORG ID	Total Discharges	Total Charges
2	UMass Marlborough Hospital	133	226	$2,290,048
3	UMass Marlborough Hospital	133	245	$2,476,868
4	UMass Marlborough Hospital	133	231	$2,321,806
Totals:			**918**	**$9,123,560**
1	UMass Memorial Medical Center - University Campus	131	3,170	$35,945,436
2	UMass Memorial Medical Center - University Campus	131	3,226	$37,276,984
3	UMass Memorial Medical Center - University Campus	131	3,494	$41,950,640
4	UMass Memorial Medical Center - University Campus	131	3,429	$36,023,741
Totals:			**13,319**	**$151,196,801**
1	UMass Wing Memorial Hospital	139	104	$872,784
2	UMass Wing Memorial Hospital	139	131	$1,046,638
3	UMass Wing Memorial Hospital	139	132	$971,509
4	UMass Wing Memorial Hospital	139	138	$1,041,001
Totals:			**505**	**$3,931,932**
1	Winchester Hospital	138	951	$4,571,520
2	Winchester Hospital	138	966	$4,614,049
3	Winchester Hospital	138	897	$3,849,357
4	Winchester Hospital	138	960	$4,239,766
Totals:			**3,774**	**$17,274,692**
TOTALS - ALL HOSP			**166,172**	**$1,572,459,480**

PART E. HOSPITALS SUBMITTING OBSERVATION DATA

Anna Jaques Hospital
Athol Memorial Hospital
Baystate Franklin Medical Center
Baystate Mary Lane Hospital
Baystate Medical Center
Beth Israel Deaconess Hospital - Needham
Beth Israel Deaconess Medical Center
Boston Medical Center
Brigham and Women's Hospital
Cambridge Health Alliance
Cape Cod 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
Jordan Hospital
Lahey Clinic - Burlington Campus
Lahey Clinic Burlington
Lawrence General Hospital
Lowell General Hospital
Martha's Vineyard Hospital
Massachusetts Eye and Ear Infirmary
Massachusetts General Hospital
Mercy Hospital - Springfield Campus
Mercy Medical Center - Springfield Campus
Merrimack Valley Hospital
MetroWest Medical Center
Milford Regional Medical Center
Milton Hospital
Morton Hospital

PART E. HOSPITALS SUBMITTING OBSERVATION DATA

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 Campus
Southcoast Hospitals Group - St. Luke's Campus
Southcoast Hospitals Group - Tobey Hospital Campus
Stewart Carney Hospital
Stewart Good Samaritan Medical Center
Stewart Holy Family Hospital and Medical Center
Stewart Norwood Hospital
Stewart St. Anne's Hospital
Stewart St. Elizabeth's Hospital
Sturdy Memorial Hospital
Tufts Medical Center
UMass Memorial
UMass. Marlborough Hospital
UMass. Memorial Medical Center
UMass. Wing Memorial Hospital
Winchester Hospital

PART E. HOSPITALS SUBMITTING OBSERVATION DATA

<u>Hospitals that Do Not See Outpatient Observation Patients</u>

Cambridge Health Alliance - Somerville Campus
Cambridge Health Alliance - Whidden Memorial
Kindred Hospital - Boston
Kindred Hospital - North Shore
Mercy Medical Center - Providence Campus
Stewart Good Samaritan Medical Ctr - Norcap Lodge Campus

Supplement I. Data Element Field Names, Descriptions, and Error Categories

The following are the required data elements that hospitals must report to the Division in accordance with the Case Mix Regulation 114.1 CMR 17.00.

Please refer to http://www.mass.gov/Eeohhs2/docs/dhcfp/g/regs/114_1_17_ooa_data_specs.doc for Outpatient Observation Data Specifications.

Supplement II. Hospital Addresses, ORG ID and Service Site ID Numbers

Current Organization Name	Hospital Address	Filing Org ID	Site ID
Anna Jaques Hospital	25 Highland Ave Newburyport, MA 01950	1	1
Athol Memorial Hospital	2033 Main Street Athol, MA 01331	2	2
Baystate Franklin Medical Center	164 High Street Greenfield, MA 01301	5	
Baystate Mary Lane Hospital	85 South Street Ware, MA 01082	6	
Baystate Medical Center	3601 Main Street Springfield, MA 01107-1116	4	4
Beth Israel Deaconess Hospital - Needham	148 Chestnut Street Needham, MA 02192	53	53
Beth Israel Deaconess Medical Center	330 Brookline Avenue Boston, MA 02215	10	10
Boston Medical Center	88 East Newton St Boston, MA 02118	16	16
Brigham and Women's Hospital	75 Francis St Boston, MA 02115	22	22
Cambridge Health Alliance	65 Beacon Street Somerville, MA 02143	27	27
Cambridge Health Alliance - Somerville Campus	,	27	143
Cambridge Health Alliance - Whidden Memorial	,	27	142
Cape Cod Hospital	27 Park Street Hyannis, MA 02601	39	
Children's Hospital Boston	300 Longwood Avenue Boston, MA 02115	46	

Supplement II. Hospital Addresses, ORG ID and Service Site ID Numbers

Clinton Hospital	201 Highland Street Clinton, MA 01510	132
Cooley Dickinson Hospital	30 Locust Street Northampton, MA 01060-5001	50
Dana-Farber Cancer Institute	44 Binney Street Boston, MA 02115	51
Emerson Hospital	Route 2 Concord, MA 01742	57
Fairview Hospital	29 Lewis Avenue Great Barrington, MA 01230	8
Falmouth Hospital	100 Ter Heun Drive Falmouth, MA 02540	40
Faulkner Hospital	1153 Centre Street Jamaica Plain, MA 02130	59
Hallmark Health System - Lawrence Memorial Hospital	170 Governors Avenue Medford, MA 02155	66
Hallmark Health System - Melrose-Wakefield Hospital	585 Lebanon Street Melrose, MA 02176	141
Harrington Memorial Hospital	100 South Street Southbridge, MA 01550	68
Health Alliance Hospitals, Inc.	600 Hospital Road Leominster, MA 01453-8004	71
Heywood Hospital	242 Green Street Gardner, MA 01440	73
Holyoke Medical Center	575 Beech Street Holyoke, MA 01040	77
Jordan Hospital	275 Sandwich Street Plymouth, MA 02360	79
Kindred Hospital - Boston	1515 Commonwealth Avenue Boston, MA 02135	136

Supplement II. Hospital Addresses, ORG ID and Service Site ID Numbers

Kindred Hospital - North Shore	15 King St Peabody, MA 01960	135	
Lahey Clinic - Burlington Campus	41 Mall Road Burlington, MA 01805	81	81
Lahey Clinic Burlington	,	81	81
Lawrence General Hospital	One General Street Lawrence, MA 01842-0389	83	
Lowell General Hospital	295 Varnum Avenue Lowell, MA 01854	85	
Martha's Vineyard Hospital	Linton Lane Oak Bluffs, MA 02557	88	
Massachusetts Eye and Ear Infirmary	243 Charles Street Boston, MA 02114-3096	89	
Massachusetts General Hospital	55 Fruit Street Boston, MA 02114	91	
Mercy Hospital - Springfield Campus	,	119	0
Mercy Medical Center - Providence Campus	1233 Main St Holyoke, MA 01040	118	118
Mercy Medical Center - Springfield Campus	271 Carew Street Springfield, MA 01102	119	
Merrimack Valley Hospital	140 Lincoln Avenue Haverhill, MA 01830-6798	70	
MetroWest Medical Center	115 Lincoln Street Framingham, MA 01701	49	49
Milford Regional Medical Center	14 Prospect Street Milford, MA 01757	97	
Milton Hospital	199 Reedsdale Rd Milton, MA 02186	98	

Supplement II. Hospital Addresses, ORG ID and Service Site ID Numbers

Morton Hospital	88 Washington St Taunton, MA 02780	99	
Mount Auburn Hospital	330 Mt. Auburn St. Cambridge, MA 02238	100	
Nantucket Cottage Hospital	57 Prospect St Nantucket, MA 02554	101	
Nashoba Valley Medical Center	200 Groton Road Ayer, MA 01432	52	52
New England Baptist Hospital	125 Parker Hill Avenue Boston, MA 02120	103	
Newton Wellesley Hospital	2014 Washington St Newton, MA 02162	105	
Noble Hospital	115 West Silver Street Westfield, MA 01086	106	
North Adams Regional Hospital	Hospital Avenue North Adams, MA 02147	107	
North Shore Medical Center, Inc.	81 Highland Avenue Salem, MA 01970	116	116
Northeast Health Systems - Beverly	85 Herrick Street Beverly, MA 01915	110	
Northeast Health Systems - Addison Gilbert	298 Washington St Gloucester, MA 01930	109	
Quincy Medical Center	114 Whitwell Street Quincy, MA 02169	112	
Saint Vincent Hospital	20 Worcester Ctr. Blvd. Worcester, MA 01608	127	
Saints Memorial Medical Center	One Hospital Drive Lowell, MA 01852	115	
Signature Healthcare Brockton Hospital	680 Centre Street Brockton, MA 02402	25	25

Supplement II. Hospital Addresses, ORG ID and Service Site ID Numbers

South Shore Hospital	55 Fogg Road South Weymouth, MA 02190	122	
Southcoast Hospitals Group - Charlton Memorial Campus	363 Highland Avenue Fall River, MA 02720	123	
Southcoast Hospitals Group - St. Luke's Campus	101 Page Street New Bedford, MA 02740	124	
Southcoast Hospitals Group - Tobey Hospital Campus	43 High Street Wareham, MA 02571	145	
Stewart Carney Hospital	2100 Dorchester Avenue Dorchester, MA 02124	42	
Stewart Good Samaritan Medical Center	235 North Pearl Street Brockton, MA 02301	62	
Stewart Good Samaritan Medical Ctr - Norcap Lodge Campus	71 Walnut Avenue Foxboro, MA 02035	4460	
Stewart Holy Family Hospital and Medical Center	70 East Street Methuen, MA 01844	75	
Stewart Norwood Hospital	800 Washington Street Norwood, MA 02062	41	
Stewart St. Anne's Hospital	795 Middle Street Fall River, MA 02721	114	
Stewart St. Elizabeth's Hospital	736 Cambridge Street Brighton, MA 02135	126	
Sturdy Memorial Hospital	211 Park Street Attleboro, MA 02703	129	
Tufts Medical Center	750 Washington Street Boston, MA 02111	104	
UMass Memorial	,	131	131
UMass. Marlborough Hospital	57 Union Street Marlborough, MA 01752-9981	133	

Supplement II. Hospital Addresses, ORG ID and Service Site ID Numbers

UMass. Memorial Medical Center	120 Front Street Worcester, MA 01608	131	130
UMass. Wing Memorial Hospital	40 Wright Street Palmer, MA 01069-1187	139	
Winchester Hospital	41 Highland Avenue Winchester, MA 01890	138	

Supplement III. Numerical Source of Payment List

Please refer to http://www.mass.gov/Eeohhs2/docs/dhcfp/g/regs/114_1_17_ooa_data_specs.doc for the list of Outpatient Observation Data Specifications regarding the Numerical Source of Payment.

Supplement IV. Mergers, Name Changes, Closures, Conversions, 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. Ctr. -Boston 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

Supplement IV. Mergers, Name Changes, Closures, Conversions, 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

Supplement IV. Mergers, Name Changes, Closures, Conversions, Non-Acute Care Hospitals

Name Changes - Alphabetical List

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

Supplement IV. Mergers, Name Changes, Closures, Conversions, Non-Acute Care Hospitals

Name Changes - Alphabetical List

Name of New Entity	Original Entities	Date
Milford Regional Medical Center	Milford-Whitinsville Hospital	
Nashoba Valley Hospital	Nashoba Community Hospital Deaconess-Nashoba Nashoba Valley Medical Center	January 2003
Northeast Health Systems	Beverly Hospital Addison Gilbert Hospital	
North Shore Medical Center - Salem	Salem Hospital North Shore Children's Hospital	
North Shore Medical Center - Union	Union Hospital	
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, New England Medical Center	January 2008
UMass. Memorial – Clinton Hospital	Clinton Hospital	
UMass. Memorial – Health Alliance Hospital	Health Alliance Hospitals, Inc.	
UMass. Memorial – Marlborough Hospital	Marlborough Hospital	
UMass. Memorial – Wing Memorial Hospital	Wing Memorial Hospital	
Waltham Hospital	Waltham-Weston Hospital Deaconess Waltham Hospital	June 2002. Now closed.

Supplement IV. Mergers, Name Changes, Closures, Conversions, Non-Acute Care Hospitals

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 at Brigham & Women's
March 1997	Burbank	
February 1999	Boston Regional	
April 1999	Malden	
August 1999	Symmes	
July 2003	Waltham	
May 2009	Hubbard Regional Hospital	Hubbard closed on May 1, 2009

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

Supplement IV. Mergers, Name Changes, Closures, Conversions, 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 Boston	Non-acute care hospital
Vencor – Kindred Hospital North Shore	Non-acute care hospital

SECTION II TECHNICAL DOCUMENTATION

<u>Part A. Calculated Field Documentation</u>

<u>1. Age Calculation</u>

Brief Description:

AgeOfPatient is calculated using the DateDiff Function in Access, which subtracts the date of birth (DOB) from the End_Date. Age is calculated to the nearest year (the remainder is dropped) if patient is at least 1 year old. The AgeUnits field is assigned a value of 'YEARS'. Age is calculated to the nearest week (the remainder is dropped) if a patient is less than 1 year old. The AgeUnits field is assigned a value of 'WEEKS'.

If the observation did not pass the edits for any reason the age is not calculated and the AgeOfPatient field is set to zero and the AgeUnits field is left blank.

Detailed Description:

1. If the observation passed the edits then the DateDiff function is used to determine the age in weeks of the patient by subtracting the Date of Birth from the End of Service Date.

2. If the age in weeks is greater than 51 then the DateDiff function is used to determine the age in years of the patient by subtracting the Date of Birth from the End of Service Date and the AgeUnits is set to "Years".

3. If the age in weeks is less than or equal to 51 then the DateDiff function is used to determine the age in weeks of the patient by subtracting the Date of Birth from the End of Service Date and the AgeUnits is set to "Weeks".

4. If the observation did not pass the edits then the AgeOfPatient is set to zero and the AgeUnits field is left blank.

SECTION II TECHNICAL DOCUMENTATION

Part A. Calculated Field Documentation

2. Observation Sequence Number Calculation

Brief Description:

The file is sorted by PT_ID (Unique Patient ID also known as the UHIN) and End Date. The Observation Sequence Number (ObsSeqNo) is then calculated by incrementing a counter for each of the PT_ID's observation stays.

If the observation did not pass the edits for any reason the Observation Sequence Number is not calculated and the ObsSeqNo field is set to zero.

Detailed Description:

1. The file is sorted by PT_ID (Unique Patient ID also known as the UHIN) and End_Date.

2. The sequence number is calculated by incrementing a counter from 1 to nnn, where a sequence number of 1 indicates the first observation stay for a PT_ID and nnn indicates the last observation stay for the PT_ID.

3. If the observation did not pass the edits then the ObsSeqNo is set to zero.

SECTION II TECHNICAL DOCUMENTATION

<u>Part A. Calculated Field Documentation</u>

<u>3. Number of Days Between Observation Stays Calculation</u>

Brief Description:

The file is sorted by PT_ID (Unique Patient ID also known as the UHIN) and End Date. For PT_IDs with 2 or more observation stays the Number of Days Between Observation Stays (NoofDaysBtwObs) is calculated using the DateDiff Function in Access which subtracts the previous observation end date from the current End_Date.

If the observation did not pass the edits for any reason the Number of Days Between Observation Stays is not calculated and the Noof DaysBtwObs field is set to zero.

Detailed Description:

1. The file is sorted by PT_ID (Unique Patient ID also known as the UHIN) and End_Date.

2. If this is the first occurrence of a PT_ID the Number of Days Between Observation Stays is set to zero.

3. If a second occurrence of a PT_ID is found then the Number of Days Between Observation Stays (NoofDaysBtwObs) is calculated by using the DateDiff Function in Access, which subtracts the previous observation end date from the current End_Date.

4. Step 3 is repeated for all subsequent observation stays until the PT_ID changes.

5. If the observation did not pass the edits then the NoofDaysBtwObs is set to zero.

SECTION II TECHNICAL DOCUMENTATION

<u>Part B. Data File Structure</u>

<u>1. Outpatient Observation .MDB File Structure</u>

The Outpatient Observation database is now in Microsoft Access. The record layout can be obtained by going into the Design command of the database.

Please note: There are certain fields that are considered Deniable Data Elements. Depending on the level of data purchased, these fields may not be present on the file.

SECTION II TECHNICAL DOCUMENTATION

Part B. Data File Summary

2. Outpatient Observation Data Codes

The data codes for the required data elements that hospitals must report to the Division in accordance with Case Mix Regulation 114.1 CMR 17.00 can be found at: http://www.mass.gov/Eeohhs2/docs/dhcfp/g/regs/114_1_17_ooa_data_specs.doc

Each recipient for outpatient observation data has been granted approval by the Division to receive a certain level of data. Please note that the higher levels contain an increasing number of Deniable Data Elements.