

**CMQCC Maternal Data Center (MDC)
Data Submission Instructions for PRIME Hospitals
July 14, 2016**

Thank you for participating in the CMQCC California Maternal Data Center (MDC). To generate perinatal performance metrics for the PRIME project, hospitals will submit two distinct files to the MDC on a monthly or quarterly basis. All data file submissions are to be submitted via the MDC secure online tool *or* via SFTP per the specifications below. Please note that reporting of the perinatal measure results to the PRIME reporting portal is a *separate* process.

Questions or Comments

- Technical questions on the MDC data submission: Contact the MDC Help Desk at 626-639-3044 or datacenter@cmqcc.org.
- General questions about the PRIME project: DPHs to contact Dana Pong at dpong@caph.org and DMPH to contact Sherreta Lane at slane@scainc.net

Summary Guidelines and Timelines

- There are two required file types for the MDC: 1) Patient Discharge Data representing all delivery hospitalizations (maternal and newborn) for the facility—regardless of PRIME eligibility; and 2) Supplemental Files representing the PRIME eligible population. Please see *Creating the Files* description below.
- For both file types, PRIME hospitals will submit:
 - An initial file representing the DY11 period of July 1, 2015 - June 30, 2016
and
 - Current monthly or quarterly files on an ongoing basis through June 30, 2020. *NOTE: Hospitals can choose their “MDC reporting period” to be either monthly or quarterly files. Monthly file submissions will better support the QI activities of the hospital.*
- Submissions should be based on discharge date and are to be made on a calendar month basis, representing discharges from the first day of the month through the last day of the month for the given reporting period.
- You may submit multiple months in a single file, but please ensure the files represent the entire month for each month you are submitting (no partial-month data).
- The initial file representing the DY11 period are due 9/30/2016 to the MDC. Subsequent monthly/quarterly files should be submitted to MDC 45-60 days after the close of each MDC reporting period.
 - Example of Data Submission Timing to the MDC
 - Initial files representing DY11 (July 1, 2015-June 30, 2016) are due by September 30, 2016.
 - If submitting ongoing files on a monthly basis, the file for January 1 - 31 is due on March 15-30
 - If submitting on a quarterly basis, the file for January 1 - March 30 is due on May 15-30
- The *Abstract Record Number* (i.e. a Patient Identifier) and the *Discharge Date* are the common data elements to the two files. The *Abstract Record Number* MUST MATCH for the same cases in the two files so that CMQCC can link the files.
- Submitting files to the MDC is a separate process from reporting the perinatal measure results to the PRIME reporting portal. Reporting to PRIME will occur semi-annually; see calendar below in section “Reporting to PRIME”.

Creating the Files

File Types

There are two required files for PRIME Hospitals. The *Abstract Record Number* and the *Discharge Date* are the common data elements to the two files. The *Abstract Record Number* MUST MATCH for the same cases in the two files so that CMQCC can link the files.

1. Patient Discharge Data (PDD) File

- Most PRIME hospitals already have a process in place to submit PDD for all delivery (maternal and newborn) hospitalizations to CMQCC on a regular basis (monthly or quarterly). Contact CMQCC to identify the personnel at your hospital that may already be submitting these data. *Ask your hospital colleague which patient identifier type is being used in the Abstract Record Number field so that the same identifier type can be used in the supplemental file.*
- PRIME hospitals that are new to the MDC should use the PDD file specifications available at <https://www.cmqcc.org/resource/mdc-maternal-data-specs-ca>

2. Supplemental File of PRIME Eligible Members

- The supplemental file delineates those maternal delivery cases that are PRIME-Eligible members. Include member records that meet the following criteria:
 - A. Patient discharged from a *delivery* hospitalization at the PRIME entity within the time period covered by the file. These patients are maternal cases that meet the ICD-9/10 criteria delineated in Attachment A.

AND

B. Either one of the following:

- Patient was in Medi-Cal Managed Care—with 12 months of continuous assignment to the PRIME Entity immediately prior to the *delivery* hospitalization.

OR

- Patient had a minimum of 2 prenatal care visits **or** 2 encounters with the primary care team of the PRIME Entity during the 12-month period immediately prior to the delivery hospitalization.

Example: File including July 2015 Data

- a. Patient discharged from the health system facility—for a delivery hospitalization—from July 1-31, 2015 (calendar month)

AND

b. Either one of the following:

- Patient was assigned to, and continuously enrolled in, the health system for the 12 months immediately prior to the delivery hospitalization; e.g. 7/1/2015 discharges continuously enrolled as of 7/1/2014; 7/31/2015 discharges continuously enrolled as of 7/31/2014.

OR

- Patient had a minimum of 2 prenatal care visits **OR** 2 primary care visits in the 12-month period immediately prior to the delivery hospitalization; e.g. 7/1/2015 discharges had visits between 7/2/2014 and the admission date for the delivery hospitalization; 7/31/2015 discharges had visits between 8/1/2014 and the admission date of the delivery hospitalization.

File Format

1. For the *PDD File* Format options, see PDD specifications at <https://www.cmqcc.org/resource/mdc-maternal-data-specs-ca>
2. The *Supplemental File of PRIME Eligible Members* will utilize the following format:
 - CSV file format
 - Each case in a single row
 - If a column value is empty, leave no space between the commas: (,,).

Data Elements for Supplemental File

1. For the PDD File Data Elements, see PDD specifications at cmqcc.org
2. The *Supplemental File of PRIME Eligible Members* will require the following data elements¹:

Data Element	Abstract Record Number	Discharge Date	PRIME Eligibility
Description / Format	Use a number that matches the record number for the mother provided in the PDD file submission	MMDDYYYY	Y=Yes N=No
Column Header	medical_record_number or account_number	discharge_date	prime
Sample Case 1	12345678	12252014	Y
Sample Case 2	25468912	01232014	N

Data Submission Timing to MDC

Note this is distinct from data submission deadlines to the PRIME Reporting Portal; see below.

MDC Reporting Period	Period Represents	Due to MDC	Includes:
Initial File (DY 11)	July 1, 2015- June 30, 2016	September 30, 2016	<ol style="list-style-type: none"> 1. PDD file for ALL Delivery Hospitalization Discharges (maternal and newborn) from 7/1/2015 to 6/30/2016² 2. Supplemental File of PRIME Eligible Members from 7/1/2015 to 6/30/2016
Ongoing Monthly or Quarterly Files	All months / quarters from July 2016 to June 2020 Example: September 2016	45-60 days after end of the MDC reporting period Example: 11/15/2016-11/30/2016	Example for a September 2016 Monthly File <ol style="list-style-type: none"> 1. PDD file for ALL Delivery Hospitalization Discharges (maternal and newborn) from 9/1/2015 to 9/30/2016* 2. Supplemental file of PRIME Eligible Members from 9/1/2016 to 9/30/2016; i.e., <ul style="list-style-type: none"> ○ Discharged from a delivery hospitalization 9/1/2016-9/30/2016 AND <ul style="list-style-type: none"> ○ Patient was assigned to, and continuously enrolled in, the health system for the 12 months immediately prior to the delivery hospitalization; e.g. 9/1/2016 discharges continuously enrolled as of 9/1/2015; 9/30/2016 discharges continuously enrolled as of 9/30/2015. OR <ul style="list-style-type: none"> ○ Patient had a minimum of 2 prenatal care visits OR 2 primary care visits in the 12-month period immediately prior to the delivery hospitalization; e.g. 9/1/2016 discharges had visits between 9/2/2015 and the admission date for the delivery hospitalization; 9/30/2016 discharges had visits between 10/1/2015 and the admission date of the delivery hospitalization.

¹ Hospitals can also submit supplemental files for other OPTIONAL data elements if they choose. Contact CMQCC for more information.

² The PDD for the time period MUST be submitted prior to the Supplemental File.

File Submissions to the MDC

The file will be submitted through the CMQCC Maternal Data Center (CMDc). There are two submission options.

1. Manual Uploads

Registering with MDC Prior to Submitting Data

Your hospital's designated "Administrator" must first register your hospital; that Administrator will then invite the "data submitter" to register within the MDC System. You will receive an e-mail invitation from datacenter@cmqcc.org with the subject line "CMQCC Maternal Data Center User Invitation". This e-mail should be addressed specifically to you. (Please do not try to register through e-mail invitations forwarded to you from other staff members at your hospital.)

To register:

- Click on the link included in the invitation e-mail addressed to you from datacenter@cmqcc.org.
- Create a login name and personal password.
- Enter phone numbers that you personally will answer.
These phone numbers are part of the MDC security protocols: each time you access patient level information, the MDC will transmit a computer-generated pin number through a call or text to your registered phone number.

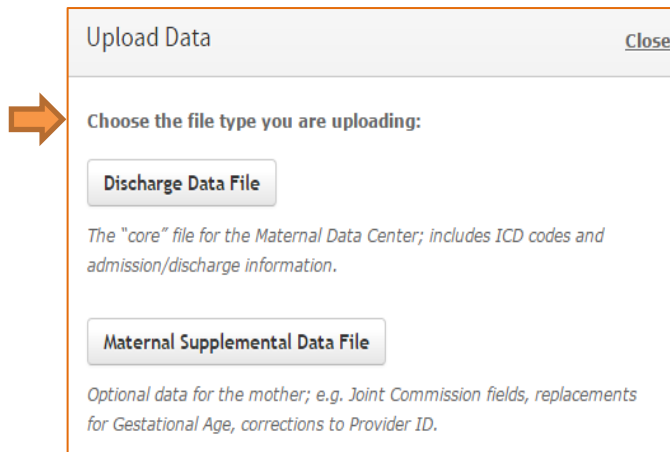
Uploading Data Files

After the initial registration, you will submit data through the MDC secure online tool at the following URL:

<https://datacenter.cmqcc.org>

Data submissions to the MDC site are controlled by two-factor authentication. In order to submit a data file:

- Enter your login name and personal password.
- In the upper right corner, click "Data Entry Status"
- Select "Upload Data" in upper right
- To upload the PDD file, click "Discharge Data File". To upload the Supplemental File, click "Maternal Supplemental Data File"
- You will receive a prompt for the second factor authorization: the temporary pin required when handling patient level data. Click "Call" or "Text" to select the phone number at which you wish to receive the computer-generated pin number.
- Input the temporary pin provided via the call or text and click "Log In".
- Select "Choose File" to find the file to be uploaded from your system.
- Click Upload. The data may process for several minutes depending on the size of your file. If you uploaded a PDD file, the word "Complete" will display within the *Discharge Data* bar for that month once the file is accepted. If you uploaded a supplemental file, the screen will display the number of cases that were imported and that linked.



If errors are found, you will receive an error message. Please contact CMQCC if you need assistance in interpreting the message. The [Support](#) link in the upper black bar is the best way to contact CMQCC staff. Your message will automatically include documentation of the page you were visiting when the Support link is selected.

2. SFTP Account

Your hospital's designated Administrator for the MDC must first create the SFTP Account within the MDC. Detailed instructions are in the User Guide *Submitting Discharge Data Files via Secure FTP*. This User Guide can be found in the MDC Support Link or you may contact CMQCC staff.

Reporting to the PRIME Reporting Portal

As noted at the beginning of the document, reporting of the perinatal measure results to the PRIME reporting portal is a *separate* process. PRIME Entities are expected to manually copy their PRIME specific performance rates from MDC into the official PRIME reporting portal by the PRIME reporting deadline below:

Demonstration Year (DY)	Mid-Year Report Measurement Period	Mid-Year Report Due	Year-End Report Measurement Period	Year-End Report Due
DY12	1/1/16 – 12/31/16	3/31/17	7/1/16 - 6/30/17	9/30/17
DY13	1/1/17 – 12/31/17	3/31/18	7/1/17 - 6/30/18	9/30/18
DY14	1/1/18 – 12/31/18	3/31/19	7/1/18 - 6/30/19	9/30/19
DY15	1/1/19 – 12/31/19	3/31/20	7/1/19 - 6/30/20	9/30/20

Due to the onboarding and setup of CMQCC reporting for PRIME in DY 11, DY11 will follow the timeline below:

1. By Sept 30, 2016, PRIME entities will submit both files to MDC:
 - a. PDD file for ALL Delivery Hospitalization Discharges (maternal and newborn) from 7/1/2015 to 6/30/2016
 - b. Supplemental File of PRIME Eligible Members from 7/1/2015 to 6/30/2016
2. By Nov 30, 2016, PRIME entities will:
 - a. Internally validate the PRIME individuals
 - b. Abstract data for the OB Hemorrhage and Breastfeeding metrics for the PRIME individuals within the MDC Tool.
 - c. Enter the PRIME performance rates for the six CMQCC measures into the online PRIME reporting portal
3. In DY 12-DY15, 2.a and 2.b would be performed on a monthly or quarterly basis, allowing for sufficient time at the end of the PRIME measurement period by the appropriate due date.

As with other metrics in other PRIME projects, the PRIME Entity will not know the total set of individuals that will be included in the reported denominator until the end of the 12-month measurement period.

Attachment A1

Records to Include in MDC Data Submission: ICD-9 Codes For Discharges Prior to October 1, 2015

Please include all of the following discharge records in your MDC Submission. You may also choose to submit the hospital's complete set of discharges; if so, MDC will apply this algorithm to your submission and discard all unnecessary records.

Mother Records		
All discharge records meeting <u>ANY</u> of the following criteria:		
ICD-9 Codes	V27 (any)	Outcome of Delivery
	640.81, 640.91, 641.01, 641.11, 641.21, 641.31, 641.81, 641.91, 642.01, 642.02, 642.11, 642.12, 642.21, 642.22, 642.31, 642.32, 642.41, 642.42, 642.51, 642.52, 642.61, 642.62, 642.71, 642.72, 642.91, 642.92, 643.01, 643.11, 643.21, 643.81, 643.91, 644.21, 645.11, 645.21, 646.01, 646.11, 646.12, 646.21, 646.22, 646.31, 646.41, 646.42, 646.51, 646.52, 646.61, 646.62, 646.71, 646.81, 646.82, 646.91, 647.01, 647.02, 647.11, 647.12, 647.21, 647.22, 647.31, 647.32, 647.41, 647.42, 647.51, 647.52, 647.61, 647.62, 647.81, 647.82, 647.91, 647.92, 648.01, 648.02, 648.11, 648.12, 648.21, 648.22, 648.31, 648.32, 648.41, 648.42, 648.51, 648.52, 648.61, 648.62, 648.71, 648.72, 648.81, 648.82, 648.91, 648.92, 649.01, 649.02, 649.11, 649.12, 649.21, 649.22, 649.31, 649.32, 649.41, 649.42, 649.51, 649.61, 649.62, 649.81, 649.82	Complication Mainly Related to Pregnancy (Joint Commission Table Number 11.01)
	650, 651.01, 651.11, 651.21, 651.31, 651.41, 651.51, 651.61, 651.71, 651.81, 651.91, 652.01, 652.11, 652.21, 652.31, 652.41, 652.51, 652.61, 652.71, 652.81, 652.91, 653.01, 653.11, 653.21, 653.31, 653.41, 653.51, 653.61, 653.71, 653.81, 653.91, 654.01, 654.02, 654.11, 654.12, 654.21, 654.31, 654.32, 654.41, 654.42, 654.51, 654.52, 654.61, 654.62, 654.71, 654.72, 654.81, 654.82, 654.91, 654.92, 655.01, 655.11, 655.21, 655.31, 655.41, 655.51, 655.61, 655.71, 655.81, 655.91, 656.01, 656.11, 656.21, 656.31, 656.41, 656.51, 656.61, 656.71, 656.81, 656.91, 657.01, 658.01, 658.11, 658.21, 658.31, 658.41, 658.81, 658.91, 659.01, 659.11, 659.21, 659.31, 659.41, 659.51, 659.61, 659.71, 659.81, 659.91	Normal Delivery and Other Indications for Care (Joint Commission Table 11.02)
	660.01, 660.11, 660.21, 660.31, 660.41, 660.51, 660.61, 660.71, 660.81, 660.91, 661.01, 661.11, 661.21, 661.31, 661.41, 661.91, 662.01, 662.11, 662.21, 662.31, 663.01, 663.11, 663.21, 663.31, 663.41, 663.51, 663.61, 663.81, 663.91, 664.01, 664.11, 664.21, 664.31, 664.41, 664.51, 664.81, 664.91, 665.01, 665.11, 665.22, 665.31, 665.41, 665.51, 665.61, 665.71, 665.72, 665.81, 665.82, 665.91, 665.92, 666.02, 666.12, 666.22, 666.32, 667.02, 667.12, 668.01, 668.02, 668.11, 668.12, 668.21, 668.22, 668.81, 668.82, 668.91, 668.92, 669.01, 669.02, 669.11, 669.12, 669.21, 669.22, 669.32, 669.41, 669.42, 669.51, 669.61, 669.71, 669.81, 669.82, 669.91, 669.92	Complication Mainly in the Course of Labor and Delivery (Joint Commission Table 11.03)
	670.02, 670.12, 670.22, 670.32, 670.82, 671.01, 671.02, 671.11, 671.12, 671.21, 671.22, 671.31, 671.42, 671.51, 671.52, 671.81, 671.82, 671.91, 671.92, 672.02, 673.01, 673.02, 673.11, 673.12, 673.21, 673.22, 673.31, 673.32, 673.81, 673.82, 674.01, 674.02, 674.12, 674.22, 674.32, 674.42, 674.82, 674.92, 675.01, 675.02, 675.11, 675.12, 675.21, 675.22, 675.81, 675.82, 675.91, 675.92, 676.01, 676.02, 676.11, 676.12, 676.21, 676.22, 676.31, 676.32, 676.41, 676.42, 676.51, 676.52, 676.61, 676.62, 676.81, 676.82, 676.91, 676.92	Complication of the Puerperium (Joint Commission Table 11.04)
	72.0, 72.1, 72.21, 72.29, 72.31, 72.39, 72.4, 72.6, 72.51, 72.52, 72.53, 72.54, 72.71, 72.79, 72.8, 72.9, 73.22, 73.59, 73.6, 74.0, 74.1, 74.2, 74.4, 74.99	Delivery-related Procedure Codes

Infant Records		All discharge records meeting <u>ANY</u> of the following criteria:	
Dates of Admission and Birth	Admission Date – Date of Birth ≤ 2 days		
ICD-9-CM V-Codes: Live births (In-hospital and Out-of-Hospital)	V30.xx	Single liveborn	
	V31.xx	Twin liveborn, mate liveborn	
	V32.xx	Twin liveborn, mate stillborn	
	V33.xx	Twin liveborn, mate unspecified	
	V34.xx	Other multiple, mates all liveborn	
	V35.xx	Other multiple, mates all stillborn	
	V36.xx	Other multiple, mates live and stillborn	
	V37.xx	Other multiple, mates unspecified	
	V39.xx	Unspecified liveborn	

Attachment A2
Records to Include in MDC Data Submission: ICD-10 Codes
For Discharges From October 1, 2015

Mother Records: All discharge records meeting <u>ANY</u> of the following criteria	
Outcome of Delivery	
Z37.0	Single live birth
Z37.1	Single stillbirth
Z37.2	Twins, both liveborn
Z37.3	Twins, one liveborn and one stillborn
Z37.4	Twins, both stillborn
Z37.50-Z37.59	Other multiple birth, all liveborn
Z37.60-Z37.69	Other multiple birth, some liveborn
Z37.7	Other multiple birth, all stillborn
Z37.9	Outcome of delivery, unspecified
Delivery (Letter "O" codes)	
O80	Encounter for full-term uncomplicated delivery
O82	Encounter for cesarean delivery without indication
Delivery Procedure Codes (Joint Commission Table Number 11.01.1)	
10D00Z0	Extraction of Products of Conception, Classical, Open Approach
10D00Z1	Extraction of Products of Conception, Low Cervical, Open Approach
10D00Z2	Extraction of Products of Conception, Extraperitoneal, Open Approach
10D07Z3	Extraction of Products of Conception, Low Forceps, Via Natural or Artificial Opening
10D07Z4	Extraction of Products of Conception, Mid Forceps, Via Natural or Artificial Opening
10D07Z5	Extraction of Products of Conception, High Forceps, Via Natural or Artificial Opening
10D07Z6	Extraction of Products of Conception, Vacuum, Via Natural or Artificial Opening
10D07Z7	Extraction of Products of Conception, Internal Version, Via Natural or Artificial Opening
10D07Z8	Extraction of Products of Conception, Other, Via Natural or Artificial Opening
10E0XZZ	Delivery of Products of Conception, External Approach

Infant Records: All discharge records meeting <u>ANY</u> of the following criteria	
Admission Date – Date of Birth ≤ 2 days	
Liveborn infants	
Z38.00-Z38.01	Single liveborn infant, born in hospital
Z38.1	Single liveborn infant, born outside hospital
Z38.2	Single liveborn infant, unspecified as to place of birth
Z38.30-Z38.31	Twin liveborn infant, born in hospital
Z38.4	Twin liveborn infant, born outside hospital
Z38.5	Twin liveborn infant, unspecified as to place of birth
Z38.60-Z38.69	Other multiple, born in hospital
Z38.7	Other multiple, born outside hospital
Z38.8	Other multiple, unspecified as to place of birth