

Frequently Asked Questions about Infant Feeding Choice Updated August 20, 2010

Background Information

Why collect this data?

This data is used for the clinical performance measure called Breastfeeding Rates that is reported through the Resource and Patient Management System (RPMS) Clinical Reporting System (CRS). Breastfeeding rates are reported to Congress as a performance measure for federal direct programs; the measure is also a Government Performance and Results Act (GPRA) *developmental* measure for all programs. It is also used in support of the long-term GPRA measure Childhood Weight Control with the goal of lowering the incidence of childhood obesity in the Indian Health Service (IHS) patient population. Additionally, facilities can use this data to track infant feeding patterns and breastfeeding rates within their own patient population.

Research indicates that children who were breastfed have lower incidences of overweight or obesity. For additional information, please click the link below to review the article in the March 2007 *IHS Primary Care Provider*.

<http://www.ihs.gov/PublicInfo/Publications/HealthProvider/issues/PROV0307.pdf>

How is this data used?

It is used in the CRS Breastfeeding Rates topic, which reports:

1. Percentage of patients approximately 2 months through 1 year of age who were ever screened for infant feeding choice.
2. Percentage of patients who were screened for infant feeding choice at the approximate ages of 2 months, 6 months, 9 months, and 1 year.
3. Percentage of patients who were screened and determined to have been either exclusively or mostly breastfed at 2 months, 6 months, 9 months, and 1 year.
4. Percentage of infants 2 months old (45–89 days old) that are exclusively or mostly breastfed. (This is the Federal Direct Performance Measure/GPRA Developmental Measure; the rate for Federal Direct sites is reported to Congress in the annual budget submission and performance report.)

Users may run the CRS Selected Measures (Local) Reports to view all of the breastfeeding performance measures. The report also provides the option to include a list of patients and identifies the dates and ages they were screened and their infant feeding choice values. See the information at the end of this article for steps on running this report.

Is Infant Feeding Choice data the same as the data included in the Birth Measurements section of the Electronic Health Record (EHR) and with the PIF (Infant Feeding Patient Data) mnemonic in Patient Care Component (PCC)?

No, the data is different. The information collected in these sections are intended for one-time collection of birth weight, birth order, age when formula was started, age when breastfeeding was stopped and solid foods started, and for linking the infant to the mother/guardian. Shown below is a screen shot of this section from EHR.

Update Birth Measurements

To enter Birth Weight in lbs and ozs, enter two values separated by a space. Also you can enter K after the value for kilograms (kg), and likewise for grams enter G after the value.

Examples: 7 2 for 7 lbs 2 ozs
3.2K for 3.2 kilograms
3200G for 3200 grams

Birth Weight (lbs oz)

Birth Order

Feeding Choices must contain a number and then either a D for Days, W for Weeks, M for Months or Y for years.

Formula Started

Breast Feeding Stopped

Solids Started

Mother or Guardian ...

OK
Cancel

While this information is important, none of it is used in the logic for the CRS Breastfeeding Rates measure; only the Infant Feeding Choice data is used.

What are the definitions for the Infant Feeding Choices?

The definitions are shown below and are the same definitions used in both EHR and PCC.

- **Exclusive Breastfeeding:** Breastfed or expressed breast milk only, no formula.
- **Mostly Breastfeeding:** Mostly breastfed or expressed breast milk, with some formula feeding (1X per week or more, but less than half the time formula feeding.)
- **1/2 Breastfeeding, 1/2 Formula Feeding:** Half the time breastfeeding/expressed breast milk, half the time formula feeding
- **Mostly Formula:** The baby is mostly formula fed, but breastfeeds at least once a week
- **Formula Only:** Baby receives only formula

Who should be collecting this information and how often?

It depends on how your facility is set up, but any provider can collect this information. At a minimum, all providers in Well Child and Pediatric clinics should be collecting this information for patients 45–394 days old *at all visits occurring during that age range*. Public Health Nurses (PHNs) should also be collecting this information. This data can be entered in EHR or PCC/PCC+, as described in the following sections.

Entering Infant Feeding Choice Data in EHR

How do I enter Infant Feeding Choice in EHR?

1. After you have selected the patient and the visit, go to the Infant Feeding component. For some EHR sites, this may be included on the Wellness tab. If you cannot find the Infant Feeding component, please contact your Clinical Applications Coordinator to make sure you have it added to your EHR.
2. On the Infant Feeding component, click Add/Update.

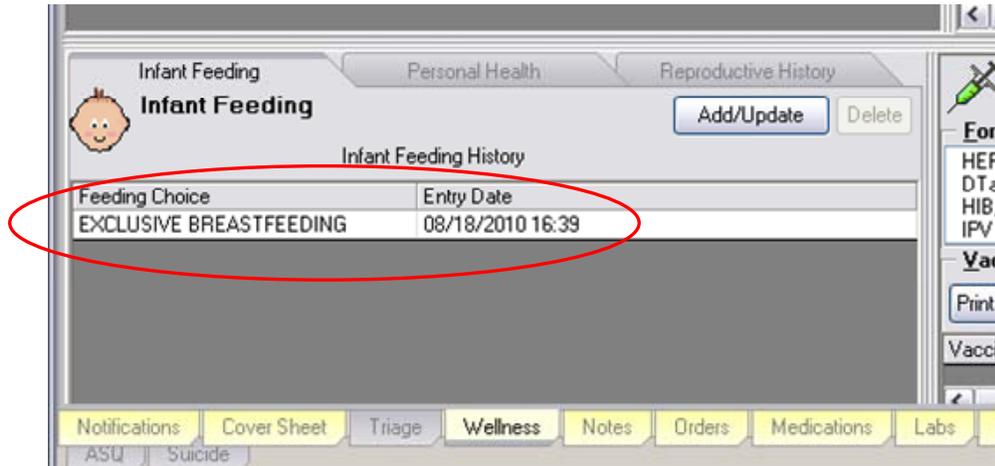
Note: The age of the patient must be five years (60 months) or less; otherwise, the Infant Feeding component will display “Not Applicable” and uneditable.



3. At the Add Infant Feeding Record window, click the appropriate radio button to select the type of infant feeding, and then click OK to save the value.



4. The patient's value for Infant Feeding Choice for this visit is now displayed in the Infant Feeding component. For example:



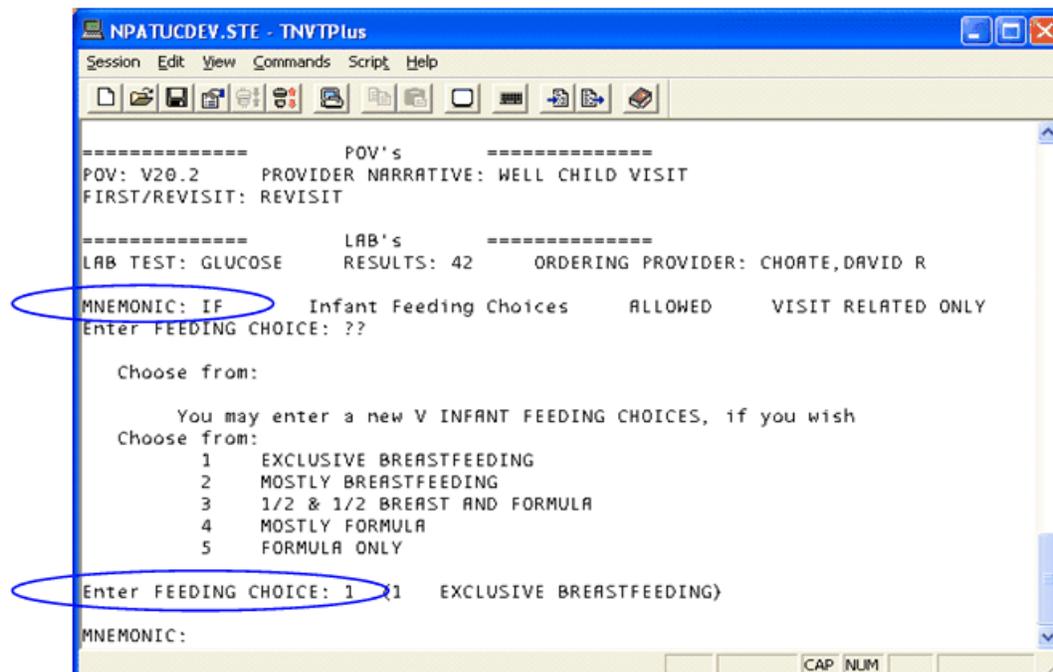
Entering Infant Feeding Choice Data in PCC/PCC+

Which data entry patch do I need?

You will need to have data entry patch 8 (apcd0200.08k) installed, which was released on October 19, 2005.

How do I enter Infant Feeding Choice in PCC?

1. Create a new visit or select an existing visit to append.
2. At the "Mnemonic" prompt, type **IF** (Infant Feeding Choices) and press Enter.



3. Type the number corresponding to the type of feeding and press Enter. If you do not know the number, type "??" and press Enter to see a list of choices.
4. You are returned to the "Mnemonic" prompt. Continue with data entry of other items.

Monitoring your Breastfeeding Rates in CRS

You can use the CRS to monitor your facility's breastfeeding rates.

Which version of CRS do I need?

Your facility should have the current version of CRS installed. As of July 8, 2010, the current version is CRS 2010 10.0.

Which CRS report should I run?

You should run the CRS Selected Measures w/Community Specified report.

How often should I run the report?

You can run the report as often as you like.

How do I run the report?

Follow the instructions below.

Note: If you do not see the CRS listed as one of your RPMS menu options, it is because you do not have the security key needed to run CRS, and you should ask your site manager to give you the security key called BGPZ MENU.

1. Log in to RPMS.
2. From your RPMS menu, type the corresponding mnemonic for the IHS CRS Main Menu. The mnemonic used at facilities varies and may be "CRS", "BGP", or "GPRA". Press Enter.
3. The CRS main menu is displayed. From the CRS Menu, type **CI10** to select CRS 2010. Press Enter.

```
*****  
**      IHS/RPMS CLINICAL REPORTING SYSTEM (CRS)      **  
*****  
Version 10.0  
  
NATIVE AMERICAN HEALTH CENTER  
  
CI10  CRS 2010 ...  
CI09  CRS 2009 ...  
CI08  CRS 2008 ...  
CI07  CRS 2007 ...  
CI06  CRS 2006 ...  
CI05  CRS 2005 ...  
GP04  GPRA+ FY04 ...  
GP03  GPRA+ FY03 ...  
  
Select IHS Clinical Reporting System (CRS) Main Menu Option:  CI10 <Enter>
```

4. From the IHS/RPMS CRS 2010 Menu, type **RPT** to select Reports. Press Enter.

```
*****
**      IHS/RPMS CRS 2010      **
**  Clinical Reporting System  **
*****
                Version 10.0

                NATIVE AMERICAN HEALTH CENTER

RPT  Reports ...
SET  System Setup ...
AO   Area Options ...

Select CRS 2010 Option:  RPT <Enter>
```

5. From the Reports Menu, type **LOC** to select Reports for Local Use. Press Enter.

```
*****
**      IHS/RPMS CRS 2010      **
**      Reports Menu          **
*****
                Version 10.0

                NATIVE AMERICAN HEALTH CENTER

NTL  National GPRA Reports ...
LOC  Reports for Local Use: IHS Clinical Measures ...
OTH  Other National Reports ...
TAX  Taxonomy Reports ...

Select Reports Option:  LOC <Enter>
```

6. From the Reports for Local Use menu, type **COM** to run the Selected Measures Report for a community taxonomy that you specify. Press Enter.

```
*****
**      IHS/RPMS CRS 2010      **
**  Reports for Local Use: IHS Clinical Measures  **
*****
                Version 10.0

                DEMO INDIAN HOSPITAL

COM  Selected Measures w/Community Specified
PP   Selected Measures w/Patient Panel Population
ALL  Selected Measures w/All Communities
CMS  CMS Performance Report

Select Reports for Local Use: IHS Clinical Measures Option:  COM <Enter>
```

Information about the report and the types of reports you may choose is displayed.

7. You may select from three pre-defined reports that contain topics specific to diabetes, cardiovascular disease (CVD), or women's health; or you may run a report where you choose your own topics (SEL option).

Type **SEL** to run the report for measures selected by you. Press Enter.

```
IHS 2010 CRS - Clinical Performance Measure Report (Selected Measures)
This will produce a Performance Measure Report for one or more measures for a
year period you specify. You will be asked to provide: 1) the
reporting period, 2) the baseline period to compare data to, and 3) the
Community taxonomy to determine which patients will be included.

Select one of the following:

DM          Diabetes-Related Measures
CVD         Cardiovascular Disease Prevention for At-Risk Patients
WH          Women's Health-Related Measures
SEL         Selected Performance Measures (User Defined)

Which set of Performance measures should be included in this report: SEL <Enter>
```

The Performance Measure Selection screen appears with the list of available measure topics.

8. At the "Select Action" prompt, type a plus sign (+) and press Enter to display the next page of the list of measures. Repeat this step until the page of the Performance Measure Selection screen is displayed that contains Breastfeeding Rates.
9. Type **S** to select a performance measure topic and press Enter.
10. Type the number corresponding to the Breastfeeding Rates topic and press Enter to select the Breastfeeding Rates topic. After you have selected the topic, an asterisk appears to the left of the selected number, as shown in the following example (the number is 59, but this could change as new topics are added to CRS).

```

PERFORMANCE MEASURE SELECTION Dec 10, 2008 10:07:52          Page:    4 of    4
IHS Clinical Performance Measures
* indicates the performance measure has been selected
+
49) Rheumatoid Arthritis Medication Monitoring
50) Osteoarthritis Medication Monitoring
51) Asthma
52) Asthma Quality of Care
53) Asthma and Inhaled Steroid Use
54) Community-Acquired Pneumonia (CAP):  Assessment of Oxygen Saturation
55) Chronic Kidney Disease Assessment
56) Prediabetes/Metabolic Syndrome
57) Medications Education
58) Public Health Nursing
*59) Breastfeeding Rates
60) Use of High-Risk Medications in the Elderly
61) Functional Status Assessment in Elders
62) Fall Risk Assessment in Elders
63) Palliative Care

          Enter ?? for more actions
S      Select Measure      D      De Select Measure      Q      Quit
Select Action:+//

```

11. Type **Q** to quit the topic selection process and press Enter.

12. The taxonomies required to run the report are checked. If you receive a warning message regarding the taxonomies, you may continue running the report, since the Breastfeeding Rates topic does not use any of the taxonomies that are checked. Press Enter to continue.

13. **Select the date range for the report** by following steps a or b.

Note: If you choose a report period with an end date that occurs after the day you are running the report, a warning message is displayed and you are given the option of changing your report period. If you do not want to change your report period, type **N** and press Enter; otherwise, you would type **Y** to change your report period.

- a. To select a predefined period (e.g. January 1–December 31):
 - (1) Select one of the first four options. Press Enter.
 - (2) Enter the calendar year of the report end date. Press Enter.

b. To enter your own report end date:

(1) Select Option 5, User-Defined Report Period. Press Enter.

(2) Enter the end date of the report in MM/DD/CCYY format (e.g. 11/30/2010). Press Enter.

```
Select one of the following:

1      January 1 - December 31
2      April 1 - March 31
3      July 1 - June 30
4      October 1 - September 30
5      User-Defined Report Period

Enter the date range for your report:
```

14. Type the 4-digit baseline year at the “Enter Year” prompt and press Enter. The GPRA reports use a baseline year of 2000, but you can use any baseline year you want.

The screen displays the date ranges that you have selected for the report, including Report (Current), Previous Year and Baseline; for example,

```
The date ranges for this report are:
Reporting Period:      Jan 01, 2010 to Dec 31, 2010
Previous Year Period:  Jan 01, 2009 to Dec 31, 2009
Baseline Period:      Jan 01, 2000 to Dec 31, 2000
```

15. At the “Enter the Name of the Community Taxonomy” prompt, either press Enter to select the default Community taxonomy, or type the name of the taxonomy you want to use for your report and press Enter.

Normally the official GPRA community taxonomy is the default taxonomy, and you should use it to run your report. To enter a new taxonomy name, type the first few letters of the taxonomy name to see a selection, or type two question marks (??) to see the entire list.

The screen displays the six-digit code of your facility’s Home location. This is displayed for informational purposes only and is used in the PHN topic to identify the facility code that is used for PHN visits to patients’ homes.

16. If you have the BGPZ PATIENT LISTS security key, you will be prompted to run a patient list for your report. To include a patient list with the report, type **Y** (Yes) at the “Do you want patient lists for any of the measures?” prompt and press Enter. Otherwise, type **N** and press Enter, and skip to Step 22.

If the prompt is not displayed (you do not have the security key), skip to Step 22.

The Breastfeeding Rates topic is displayed on the Measure List Selection screen.

17. Type **S** (Select List) to begin the selection process. Press Enter.

18. At the “Which Items?” prompt, type **1** to select the Breastfeeding Rates patient list. Press Enter. The patient list you selected has asterisk at the left side.

```
Do you want patient lists for any the measures? N// Y <Enter> Yes
MEASURE LIST SELECTION      Jun 10, 2010 10:40:41      Page: 1 of 1
IHS 2010 Clinical Performance Measure Lists of Patients
* indicates the list has been selected

*1) Breastfeeding Rates: List of pts 45-394 days old w/inf feeding choice, if
    Enter ?? for more actions
S   Select List                D   De Select List
A   All Lists
Select Action:+// S <Enter>
```

19. Type **Q** (Quit) when you have completed selecting topics. Press Enter.

20. Now you must choose the type of patient list you want. Type the corresponding letter to select a **(R)** random patient list, **(P)** list of patients by a designated provider, or **(A)** list containing all patients. Press Enter.

To run option P, you must be using the Designated Provider functionality in PCC.

21. If you selected P (Patient List by Provider), type the designated provider name at the “Enter Designated Provider Name” prompt. Press Enter. Otherwise, skip this step and go to Step 22.

```
Select List Type.
NOTE: If you select All Patients, your list may be
hundreds of pages and take hours to print.

Select one of the following:

R      Random Patient List
P      Patient List by Provider
A      All Patients

Choose report type for the Lists: R// P <Enter> Patient List by Provider
Enter Designated Provider Name: Acord,Arlis <Enter> AA
```

22. Type the number corresponding to the Beneficiary population you want to include in your report and press Enter. This allows you to specify one of three options: American Indian and Alaska Natives (AI/AN) only, patients who are not AI/AN, or your entire population.

```
Select one of the following:

1      Indian/Alaskan Native (Classification 01)
2      Not Indian Alaskan/Native (Not Classification 01)
3      All (both Indian/Alaskan Natives and Non 01)

Select Beneficiary Population to include in this report: 1// 1 <Enter>
Indian/Alaskan Native (Classification 01)
```

A summary of the Selected Measures report is displayed. For example:

```
SUMMARY OF 2008 CLINICAL MEASURE PERFORMANCE REPORT TO BE GENERATED

The date ranges for this report are:
Report Period:           Jan 01, 2010 to Dec 31, 2010
Previous Year Period:    Jan 01, 2009 to Dec 31, 2009
Baseline Period:        Jan 01, 2000 to Dec 31, 2000

The COMMUNITY Taxonomy to be used is: DEMO GPRA COMMUNITIES
The HOME location is: HOME 999989

These performance measures will be calculated: Breastfeeding Rates ;

Lists will be produced for these measures: Breastfeeding Rates ;
```

23. Type the corresponding letter for your output at the “Select an Output Option” prompt, where

- **P** (Print) sends the report file to your printer, your screen, or an electronic file.
- **D** (Delimited Output) produces an electronic delimited text file that can be imported into Excel or Word for additional formatting and data manipulation. The delimited output is particularly useful for patient lists, because they can be sorted in multiple ways.
- **B** (Both) produces both a printed report and a delimited file.

```
Please choose an output type. For an explanation of the delimited
file please see the user manual.
Select one of the following:

P      Print Report on Printer or Screen
D      Create Delimited output file (for use in Excel)
B      Both a Printed Report and Delimited File

Select an Output Option: P//
DEVICE: HOME// 0;P-OTHER80 VT      Right Margin: 80//
```

- If you select P (Print): At the “Device” prompt, type the name of a printer or file. In the figure above the default device is Home, which displays the information directly on the screen. The default prompt may vary at different sites.

Note: Turn on your logging or screen capture program before printing to screen, depending on the software you are using to access RPMS.

To print a report to your screen without receiving multiple “Enter RETURN to continue” prompts, type **0;P-OTHER80** at the “Device” prompt (see figure above).

If you want to print to a file or you do not know your printer name, check with your Site Manager. At most sites, to print to a file, type **Host** or **HFS**, then type the file location and name (pathname). For example:

```
Select an Output Option: P// <Enter> Print Report on Printer or Screen
DEVICE: HOME// HFS <Enter> HFS
HOST FILE NAME: C:\TMP\TMP.HFS// C:\lb_test.doc <Enter> ADDRESS/PARAMETERS:
"WNS"//
```

Generally, you should plan to queue your report to run off hours, when the network is not as busy. At most sites, you can queue your report to print by typing **Q** at the “Won’t you queue this?” prompt. Check with your Site Manager if you need further information about how to specify each of these options.

- If you select D (Delimited) or B (Both): At the “Select an Output Option” prompt, you are prompted to print your file to the screen (S) or to an electronic file (F) (see figure below).

If this report will take several hours to run, it is recommended to print to a file.

If you select F (File): Type the name of the delimited file at the “Enter a filename for the delimited output” prompt, and press Enter.

File names cannot exceed 40 characters and are given the extension .txt automatically. Most sites will be set up to print the file automatically to your network Public directory. You may need to FTP the delimited file from the network Pub directory to your computer. Ask your Site Manager for additional information about retrieving files from your local network.

You are prompted to queue the report to run at a later time. You can specify another day or another time.

Select an Output Option: P// D <Enter> Create Delimited output file (for use in Excel)

You have selected to create a delimited output file. You can have this output file created as a text file in the pub directory, OR you can have the delimited output display on your screen so that you can do a file capture. Keep in mind that if you choose to do a screen capture you CANNOT Queue your report to run in the background!!

Select one of the following:

S SCREEN - delimited output will display on screen for capture
F FILE - delimited output will be written to a file in pub

Select output type: S// F <Enter> FILE - delimited output will be written to a file in pub

Enter a filename for the delimited output (no more than 40 characters): **mytestfile**
<Enter>

When the report is finished your delimited output will be found in the q:\ directory. The filename will be mytestfile.txt

Won't you queue this ? Y// <Enter> YES

Requested Start Time: NOW// 20:00:00 <Enter> (JUN 10, 2010@20:00:00)

Tasked with 2033810

What does the report look like?

Displayed below is a sample of the section of the report that shows the number of patients in the denominator, number of patients in the numerators, and the performance measure rates. The report also contains a section in which the denominators and numerators are defined (not displayed here).

REPORT PERIOD	%	PREV YR PERIOD	%	CHG from PREV YR	BASE % PERIOD	%	CHG from BASE %
Breastfeeding Rates (con't)							
Active Clinical Pts 45-394 days	43	27			31		
# w/infant feeding choice screening	10 23.3	0 0.0		+23.3	1 3.2		+20.0
# w/screening @ 2 mos	3 7.0	0 0.0		+7.0	1 3.2		+3.8
# w/screening @ 6 mos	3 7.0	0 0.0		+7.0	0 0.0		+7.0
# w/screening @ 9 mos	4 9.3	0 0.0		+9.3	0 0.0		+9.3
# w/screening @							

1 yr	3	7.0	0	0.0	+7.0	0	0.0	+7.0
AC Pts 45-394 days screened @ 2 mos (PART)	3		0			1		
# @ 2 mos exclusive/ mostly breastfed (PART)	3	100.0	0	0.0	+100.0	1	100.0	+0.0
AC Pts 45-394 days screened @ 6 mos	3		0			0		
# @ 6 mos exclusive/mostly breastfed	2	66.7	0	0.0	+66.7	0	0.0	+66.7
AC Pts 45-394 days screened at 9 mos	4		0			0		
# @ 9 mos exclusive/mostly breastfed	3	75.0	0	0.0	+75.0	0	0.0	+75.0

What does the patient list look like?

Displayed below is a sample of the patient list that accompanies the report. The Numerator column indicates the type of screening, if any, the patient has had.

For example, the first patient (PATIENT,A) has been screened at least once for infant feeding choice but was not screened at the 2, 6, 9, or 12 months of age. Therefore, the patient is not included in the numerators for screening at those age ranges. However, the third patient (PATIENT,C) was screened for infant feeding choice at 269 days of on October 29, 2009 and was mostly breastfeeding. This age falls into the 9 months age range and the patient is included in the 9 months screening numerator.

***** CONFIDENTIAL PATIENT INFORMATION, COVERED BY THE PRIVACY ACT *****
MP May 28, 2010 Page 5
*** IHS 2010 Selected Measures with Community Specified Report ***
DEMO INDIAN HOSPITAL
Report Period: Jan 01, 2010 to Dec 31, 2010
Previous Year Period: Jan 01, 2009 to Dec 31, 2009
Baseline Period: Jan 01, 2000 to Dec 31, 2000

In order to be included in the age-specific screening numerators, the patient must have been screened at the specific age range. For example, if a patient was screened at 6 months and was exclusively breastfeeding but was not screened at 2 months, then the patient will only be counted in the 6 months numerator.
Performance Measure Description: During FY 2010, achieve the tentative target rate of 33% for the proportion of 2-month olds who are mostly or exclusively breastfeeding.
Past Performance and/or Target:

IHS Performance: FY 2008 - 28%
 HP 2010: Through 3 months: 60%, Through 6 months: 25%

Source:

HP 2010, 16-19d Exclusive breastfeeding-through 3 months, 16-19e Exclusive breastfeeding-through 6 months
 UP=User Pop; AC=Active Clinical; AD=Active Diabetic; AAD=Active Adult Diabetic
 PREG=Pregnant Female; IMM=Active IMM Pkg Pt; IHD=Active Ischemic Heart Disease

Breastfeeding Rates: List of patients 45-394 days old, with infant feeding choice value, if any.

PATIENT NAME	HRN	COMMUNITY	SEX	AGE	DENOMINATOR	NUMERATOR
PATIENT,A	202575	TESTCOMMA	F	0	AC	scrn
PATIENT,B	000080	TESTCOMMA	F	0	AC	
PATIENT,C	202880	TESTCOMMA	M	0	AC	scrn;9 MOS: MOSTLY
BREASTFEEDING-269 DO-10/29/09						
PATIENT,D	203425	TESTCOMMA	M	0	AC	
PATIENT,E	203657	TESTCOMMA	M	0	AC	
PATIENT,F	202008	TESTCOMMA	M	1	AC	scrn;2 MOS:
EXCLUSIVE BREASTFEEDING-48 DO-01/20/09;6 MOS: EXCLUSIVE BREASTFEEDING-178 DO-05/30/09;9 MOS: EXCLUSIVE BREASTFEEDING-276 DO-09/05/09;1 YR: MOSTLY BREASTFEEDING-382 DO-12/20/09						
PATIENT,G	203705	TESTCOMMB	F	0	AC	
PATIENT,H	206911	TESTCOMMB	F	0	AC	scrn;2 MOS: MOSTLY
BREASTFEEDING-60 DO-11/03/09						
PATIENT,I	202908	TESTCOMMB	M	0	AC	scrn;6 MOS:
EXCLUSIVE BREASTFEEDING-187 DO-08/11/09						