

Frequently Asked Questions about Infant Feeding Choice Updated December 10, 2008

BACKGROUND INFORMATION

Why collect this data? Because it is used in the clinical performance measure called Breastfeeding Rates that is reported in the RPMS Clinical Reporting System (CRS). This measure is reported for the Program Assessment Rating Tool (PART). 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 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 in several measures that report:

1. How many patients approximately 2 months through 1 year of age were ever screened for infant feeding choice.
2. How many patients were screened at the approximate ages of 2 months, 6 months, 9 months, and 1 year.
3. How many patients who were screened were either exclusively or mostly breastfed at those age ranges.

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 EHR and with the PIF (Infant Feeding Patient Data) mnemonic in PCC? No, it is different. The information collected in these sections are intended for one-time collection of birth weight, birth order, age when formula was started, breastfeeding was stopped and solid foods started, and linking to mother/guardian. Shown below is a screen shot of this section from EHR. 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.

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

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: Formula supplementing less than 3 times per week (<3x per week)
- Mostly Breastfeeding: Formula supplementing 3 or more times per week ($\geq 3x$ per week) but otherwise mostly breastfeeding
- ½ Breastfeeding, ½ Formula Feeding: Half the time breastfeeding, 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

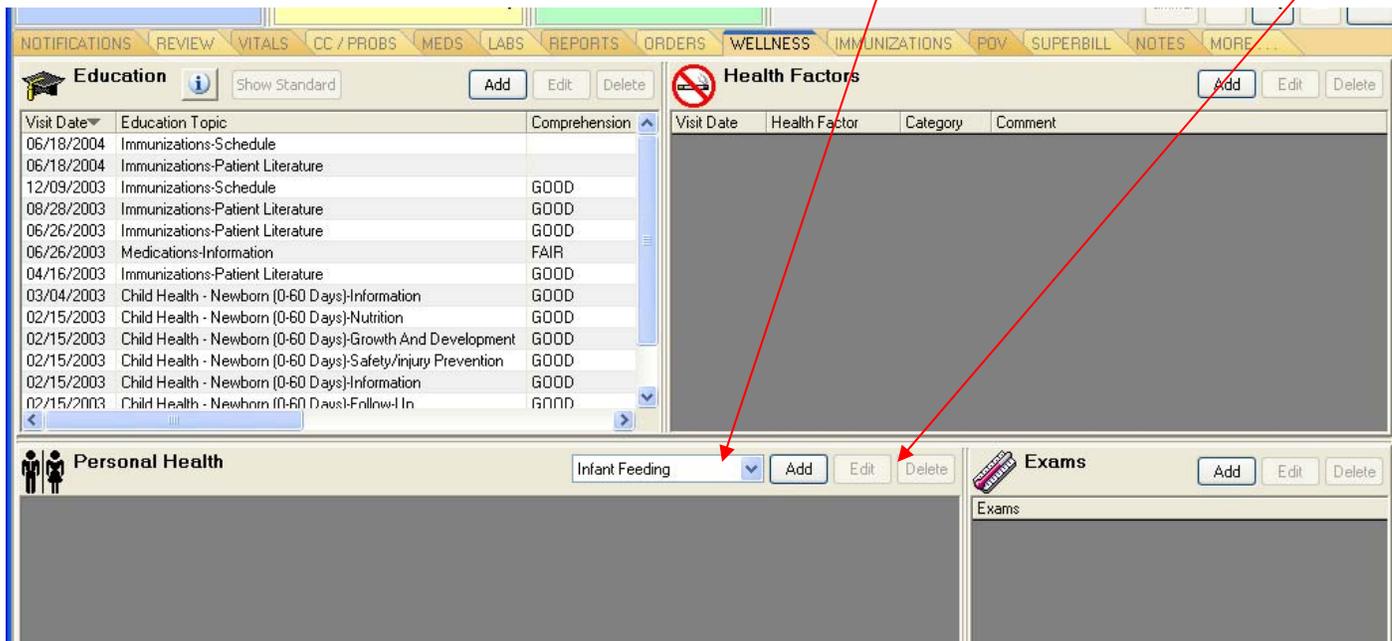
Who should be collecting this information and how often? It depends on how your facility is set up but any provider can collect this information. At a minimum, all providers in Well Child and Pediatric clinics should be collecting this information for patients 45-394 days old at all visits occurring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

ENTERING INFANT FEEDING CHOICE DATA IN EHR

In which version of EHR is Infant Feeding Choice data able to be entered? EHR Version 1.1, which was deployed nationally on October 3, 2007.

How do I enter Infant Feeding Choice in EHR?

1. After you have selected the patient and the visit, go to the Personal Health section. For some EHR sites, this may be included on the Wellness tab.
2. From the Personal Health dropdown list, select Infant Feeding, then click the Add button.



NOTE: The age of the patient must be five years or less to be able to select Infant Feeding; otherwise, Infant Feeding will not be listed in the dropdown list.

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



4. The patient's value for Infant Feeding Choice for this visit is now displayed in the Personal Health section, as shown below.

The screenshot displays a medical software interface with several sections:

- Education:** A table with columns for Visit Date, Education Topic, and Comprehension. It lists various educational topics such as 'Immunizations-Schedule' and 'Child Health - Newborn (0-60 Days)-Information' with their respective comprehension levels (GOOD, FAIR).
- Health Factors:** A table with columns for Visit Date, Health Factor, Category, and Comment. It is currently empty.
- Personal Health:** A section with a dropdown menu set to 'Infant Feeding'. Below the dropdown, the text '10/26/2007: Exclusive Breastfeeding' is displayed. A red arrow points from the text in the question above to this entry.
- Exams:** A section with a dropdown menu and buttons for 'Add', 'Edit', and 'Delete'. It is currently empty.

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.

```
=====  
POV: V20.2 PROVIDER NARRATIVE: WELL CHILD VISIT  
FIRST/REVISIT: REVISIT  
=====  
LAB's  
LAB TEST: GLUCOSE RESULTS: 42 ORDERING PROVIDER: CHOATE, DAVID R  
MNEMONIC: IF Infant Feeding Choices ALLOWED VISIT RELATED ONLY  
Enter FEEDING CHOICE: ??  
Choose from:  
You may enter a new V INFANT FEEDING CHOICES, if you wish  
Choose from:  
1 EXCLUSIVE BREASTFEEDING  
2 MOSTLY BREASTFEEDING  
3 1/2 & 1/2 BREAST AND FORMULA  
4 MOSTLY FORMULA  
5 FORMULA ONLY  
Enter FEEDING CHOICE: 1 (1 EXCLUSIVE BREASTFEEDING)  
MNEMONIC:
```

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 Clinical Reporting System (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 November 19, 2008, the current version is CRS 2008 8.0 Patch 3.

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 Clinical Reporting System 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.

After you have logged in to RPMS:

1. From your RPMS menu, type the corresponding mnemonic for the IHS Clinical Reporting System (CRS) Main Menu. The mnemonic used at facilities varies and may be "CRS", "BGP", or "GPRA". Press Enter.
2. The CRS main menu is displayed. From the CRS Menu, type CIO8 to select CRS 2008. Press Enter.

```
*****
**      IHS/RPMS CLINICAL REPORTING SYSTEM (CRS)      **
*****
                          Version 8.0, Patch 3

                          NATIVE AMERICAN HEALTH CENTER

CI08  CRS 2008 ...
CI07  CRS 2007 ...
CI06  CRS 2006 ...
CI05  CRS 2005 ...
GP04  GPRA+ FY04 ...
GP03  GPRA+ FY03 ...
GP02  GPRA+ FY02 ...

Select IHS Clinical Reporting System (CRS) Main Menu Option:  CIO8
```

3. From the IHS/RPMS CRS 2008 Menu, type RPT to select Reports. Press Enter.

```

*****
**      IHS/RPMS CRS 2008      **
**  Clinical Reporting System  **
*****
          Version 8.0, Patch 3

          NATIVE AMERICAN HEALTH CENTER

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

Select CRS 2008 Option:  RPT

```

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

```

*****
**      IHS/RPMS CRS 2008      **
**      Reports Menu          **
*****
          Version 8.0, Patch 3

          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

```

5. 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 2008      **
**  Reports for Local Use: IHS Clinical Measures  **
*****
          Version 8.0, Patch 3

          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

```

- Information about the report and the types of reports you may choose from are displayed. You may select from three pre-defined reports that contain topics specific to diabetes, CVD, or women's health or you may run a report where you choose your own topics (i.e. SEL option). Type SEL to run the report for measures selected by you. Press Enter.

```

IHS 2008 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

```

- The Performance Measure Selection screen will appear with the list of available measure topics. At the "Select Action:" prompt, type a plus sign (+) and Press Enter to display the next page of the list of measures. Repeat these steps two times until page 4 of the Performance Measure Selection screen is displayed.
- Type S to select a performance measure topic and press Enter.
- Type the number corresponding to the Breastfeeding Rates topic and press **Enter** to select the Breastfeeding Rates topic. In the figure below, the number is 55 but this could change as new topics are added to CRS. After you have selected the topic, an asterisk will be displayed to the left of the number, as shown below.

```

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) Asthma Quality of Care
50) Asthma and Inhaled Steroid Use
51) Chronic Kidney Disease Assessment
52) Prediabetes/Metabolic Syndrome
53) Medications Education
54) Public Health Nursing
*55) Breastfeeding Rates
56) Drugs to be Avoided in the Elderly
57) Functional Status Assessment in Elders
58) Fall Risk Assessment in Elders
59) Palliative Care

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

```

10. Type Q to quit the topic selection process and press Enter.
11. The taxonomies required to run the report will be checked. If you receive a warning message regarding the taxonomies, you may continue running the report since Breastfeeding Rates does not use any of the taxonomies that are checked. Press Enter to continue.
12. Select the date range for the report by following steps "a" or "b" below.

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.

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:

- a. To select a pre-defined period (e.g. January 1 – December 31):
 - i. Select one of the first four options. Press Enter.
 - ii. Enter the calendar year of the report end date. Press Enter.
 - b. To enter your own report end date:
 - i. Select option 5, User-Defined Report Period. Press Enter.
 - ii. Enter the end date of the report in MM/DD/CCYY format (e.g. 11/30/2007). Press Enter.
13. 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.
 14. The screen displays the date ranges that you have selected for the report, including Report (Current), Previous Year and Baseline.

The date ranges for this report are:	
Reporting Period:	Jan 01, 2008 to Dec 31, 2008
Previous Year Period:	Jan 01, 2007 to Dec 31, 2007
Baseline Period:	Jan 01, 2000 to Dec 31, 2000

15. At the “Enter the Name of the Community Taxonomy:” prompt, either press the Enter key 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 GPRC community taxonomy is the default taxonomy and you should use it to run your report.

To enter a new taxonomy name, you may type the first few letters of the taxonomy name to see a selection, or type two question marks (??) to see the entire list.

16. The screen displays the 6-digit code of your facility’s Home location. This is displayed for informational purposes only and is used in the Public Health Nursing (PHN) topic to identify the facility code that is used for PHN visits to patients’ homes.

17. If you have the BGPZ PATIENT LISTS security key, you are asked if you want to run a patient list for your report. If you do not have the security key, the prompt will not be displayed and you need to skip to step 23. If you want 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 23.

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

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

19. 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 Yes
MEASURE LIST SELECTION      Dec 10, 2008 10:40:41      Page: 1 of 1
IHS 2008 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:+//

```

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

21. Now you must choose the type of patient list you want. Type the corresponding letter to select either a (R) random patient list, (P) a list of

patients by a designated provider, or (A) list containing all patients and press Enter. To run option P, you must be using the Designated Provider functionality in PCC.

22. If you selected P (By Provider), type the designated provider name at the “Enter Designated Provider Name:” prompt. Press Enter. Otherwise, skip this step and go to step 23.

```
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 Patient List by Provider  
Enter Designated Provider Name: Acord,Arlis          AA
```

23. 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 Indian/Alaskan Native  
(Classification 01)
```

24. A summary of the Selected Measures report will display.

SUMMARY OF 2008 CLINICAL MEASURE PERFORMANCE REPORT TO BE GENERATED

The date ranges for this report are:

Report Period: Jan 01, 2008 to Dec 31, 2008
Previous Year Period: Jan 01, 2007 to Dec 31, 2007
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 ;

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//

Select an Output Option: P// rint Report on Printer or Screen

DEVICE: HOME// HFS HFS

HOST FILE NAME: C:\TMP\TMP.HFS//C:\lb_test.doc ADDRESS/PARAMETERS: "WNS"//

25. Type the corresponding letter for your output at the “Select an Output Option:” prompt.

- **P** (Print) will send the report file to your printer, your screen or an electronic file.
- **D** (Delimited Output) will produce 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. (See Appendix B for detailed instructions.)
- **B** (Both) will produce both a printed report and a delimited file.

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

If you want to print to a file or you don’t know your printer name, check with your Site Manager. At most sites, to print to a file, type **Host** or **HFS**, then designate the file location and name (see figure above).

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

You will be 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 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 FILE - delimited output will be written to a file in pub
Enter a filename for the delimited output (no more than 40 characters): mytestfile

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// y YES
Requested Start Time: NOW//20:00:00 (APR 27, 2008@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).

SK		Dec 10, 2008				Page 3			
*** IHS 2008 Selected Measures with Community Specified Report ***									
DEMO INDIAN HOSPITAL									
Report Period: Jan 01, 2008 to Dec 31, 2008									
Previous Year Period: Jan 01, 2007 to Dec 31, 2007									
Baseline Period: Jan 01, 2000 to Dec 31, 2000									

Breastfeeding Rates (con't)									
	REPORT	%	PREV YR	%	CHG from	BASE	%	CHG from	
	PERIOD		PERIOD		PREV YR	% PERIOD		BASE %	
Active Clinical Pts									
45-394 days	45		27					31	
# w/infant feeding									
choice screening	11	24.4	0	0.0	+24.4		1	3.2	+21.2
# w/screening @									
2 mos	4	8.9	0	0.0	+8.9		1	3.2	+5.7
# w/screening @									
6 mos	3	6.7	0	0.0	+6.7		0	0.0	+6.7
# w/screening @									
9 mos	4	8.9	0	0.0	+8.9		0	0.0	+8.9
# w/screening @									
1 yr	3	6.7	0	0.0	+6.7		0	0.0	+6.7
AC Pts 45-394 days									
screened @ 2 mos	4		0				1		
# @ 2 mos exclusive/ mostly breastfed	4	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, 2007 and was mostly breastfeeding. This age falls into the 9 month age range and the patient is included in the 9 month screening numerator..

```

***** CONFIDENTIAL PATIENT INFORMATION, COVERED BY THE PRIVACY ACT *****
SK                               Dec 10, 2008                               Page 2

*** IHS 2008 Clinical Performance Measure Patient List ***
      DEMO INDIAN HOSPITAL
Report Period: Jan 01, 2008 to Dec 31, 2008
      Entire Patient List

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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
Increase the rate of 2-month olds who are mostly or exclusively
breastfeeding.
Past Performance and/or Target
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; A&D=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             000575 TESTCOMMA      F 0 AC          scrn
PATIENT,B             000080 TESTCOMMA      F 0 AC
PATIENT,C             000880 TESTCOMMA      M 0 AC          scrn;9 MOS:
MOSTLY BREASTFEEDING-269 DO-10/29/07
PATIENT,D             000425 TESTCOMMA      M 0 AC
PATIENT,E             000657 TESTCOMMA      M 0 AC
PATIENT,F             000008 TESTCOMMA      M 1 AC          scrn;2 MOS:
EXCLUSIVE BREASTFEEDING-48 DO-01/20/07;6 MOS: EXCLUSIVE BREASTFEEDING-178 DO-
05/30/07;9 MOS: EXCLUSIVE BREASTFEEDING-276 DO-09/05/07;1 YR: MOSTLY
BREASTFEEDING-382 DO-12/20/07
PATIENT,G             000705 TESTCOMMB      F 0 AC
PATIENT,H             000911 TESTCOMMB      F 0 AC          scrn;2 MOS:
MOSTLY BREASTFEEDING-60 DO-11/03/07
PATIENT,I             000908 TESTCOMMB      M 0 AC          scrn;6 MOS:
EXCLUSIVE BREASTFEEDING-187 DO-08/11/02

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Stephanie Klepacki, IT Specialist (Policy & Planning)
CRS Federal Lead
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