

## **Listserv sent February 23, 2010 with Updated Sample Tables**

Dear Primary Measurement System Contact:

The following issues were recently identified in the Perinatal Care (PC) measures requiring additional clarification:

### PC-Newborn Initial Patient Population Algorithm

**1) Issue:** The Initial Population algorithm for the PC Newborn specifically Newborns with Breast Feeding has been identified to be inconsistent with the definition for this sampling group in the population discussion. The branches flowing from the ICD-9-CM Principal Diagnosis Code check on Table 11.21 are incorrect in the current manual.

**Resolution:** The correct logic is to **exclude** any cases that have an ICD-9-CM Principal or Other diagnosis code on Table 11.21 from the PC-Newborns with Breast Feeding Initial Patient Population.

**2) Issue:** Currently in the algorithm for PC Newborn if the case is in the Newborns with BSI subpopulation but not in the Newborns with Breast Feeding subpopulation there is no explicit logic to identify that the case is still in the subpopulation for BSI. This may result in these cases being excluded from the entire PC-Newborns Initial Patient Population.

**Resolution:** Added flags '**BSI Flag**' and '**Breastfeeding Flag**' in the logic to identify if the case was in the Newborns with BSI or Newborns with Breast Feeding subpopulation (or both).

The above two issues have been addressed in the flowchart for PC-Newborns Initial Patient Population.

### PC-Initial Patient Population Sample Size Requirements:

The numbers for the Average Quarterly Initial Patient Population Size and the Sampling group Sample size in the quarterly sampling tables in the PC manual are incorrect; they should be three times the numbers in the Monthly sampling tables instead of being four times the numbers in the current monthly sampling tables. Following are the corrected quarterly sample sizes for Mothers and Newborns.

### Quarterly Sample Size Based on Initial Patient Population for Mothers

Hospital's Measure	
Average Quarterly Initial Patient Sample Group Size "N"	Minimum Required Sampling Group Sample Size "n"
>= 1501	301
376 – 1500	20% of the Initial Patient Population size
75 – 375	75
< 75	No sampling; 100% of the Initial Patient Population required

### Newborn Patient Sampling Group

Hospital's Measure	
Average Quarterly Initial Patient Population Size "N"	Minimum Required Sample Size "n"
>= 541	109
136 – 540	20% of the Initial Patient Population size
27 – 135	27
< 27	No sampling; 100% of Initial Patient Population required

### PC-04 and PC-05 Algorithms

**Issue:** Current PC-05 algorithm directs all cases for Newborn Initial Patient Population to flow through algorithm without allowing for sampling.

**Resolution:** Added language in run boxes as follows:

PC-04:

Run cases that are included in the PC-Newborn Initial Patient with BSI and pass the edits defined in the Transmission Data Processing Flow: Clinical through this measure.

PC-05:

Run cases that are included in the PC-Newborn Initial Patient Newborns with Breast Feeding and pass the edits defined in the Transmission Data Processing Flow: Clinical through this measure.

The above issues have been addressed in the flowchart for PC-04 and PC-05.