

<p style="text-align: center;"><b>Maryland Patient Safety Center: Perinatal Collaborative Baseline and Follow-up Data Submission Requirements</b></p>
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The data partner for the **Maryland Patient Safety Center (MPSC): Perinatal Collaborative** is the **National Perinatal Information Center/ Quality Analytic Services (NPIC/QAS)**, a 22-year old company located in Providence, Rhode Island. NPIC/QAS specializes in the collection and analysis of perinatal data by annually processing over 1.2 million discharges from member perinatal centers from across the country.

A key component in marking the success of your **Perinatal Collaborative** is the ability to demonstrate change through the analysis of 10 adverse events and calculation of the **Adverse Outcome Index (AOI), Weighted Adverse Outcome Score (WAOS) and Severity Index(SI)**. The outline below and information attached will define the process by which that data will be collected and the Privacy and Security Policy Statements from NPIC/QAS (attached).

**Your hospital will need to execute a Business Associate Agreement (BAA) and contract with NPIC/QAS prior to the release of your data to them. Identification of an administrative liaison to work with NPIC/QAS in executing these documents is critical as is the identification of a technical liaison who will supervise the submission of the data file(s).**

The key contacts at NPIC/QAS are Janet H. Muri, Vice President and Sandra A. Boyle, Director of Membership Services. They can be reached at 401-274-0650, [jmuri@npic.org](mailto:jmuri@npic.org) or [sboyle@npic.org](mailto:sboyle@npic.org).

*Data Collected (Required)*

- Two quarters of **baseline** data on all perinatal discharges (Major Diagnostic Category (MDC) 14 and all neonates 0-28 days old at admission)) occurring during the period **July 1, 2006 –December 31,2006**.
- Two quarters of **follow-up/monitoring** data for the period **October 1,2007- March 31, 2008**.

*Optional Data Collection*

- Hospitals interested in submitting baseline data prior to July 1, 2006 or follow-up data after March 31, 2008 will be extended the MPSC discounted price and may contract with NPIC/QAS directly for that service.

*Data Format*

- All Maryland hospitals submit quarterly discharge abstract/ UB 92 data to the Health Services Cost Review Commission (HSCRC). **Most** of the data variables needed to calculate the AOI, WAOS and SI are included in this data set and NPIC/QAS is familiar with the data structure of the file.
- All District of Columbia hospitals submit a similar data set to the DC Hospital Association (DCHA).
- Submission of a **copy** of a data file sent to HSCRC or DCHA is generally the most efficient method for submitting the core data set and NPIC/QAS is happy to work with your technical staff to facilitate a smooth submission of data.

- **Supplemental variables** such as APGAR and gestational age will also be required; these variables are generally stored in a Labor and Delivery or perinatal data base and can be submitted on a separate excel spreadsheet along with the infant's medical record number and discharge date for linking purposes. Supplemental files can be easily merged at NPIC/QAS.

#### *Technical support/submission process*

- Timely submission of the data set is key to benchmarking your baseline and progress over time. Ideally we would like to have the data submitted as soon as possible after all contract documents are signed so we can have a Baseline Report available for review as soon as possible.
- It is very helpful to identify a technical or data person(s) at your hospital or system level who is familiar with the HSCRC/DCHA and perinatal data sets to expedite the process.
- The BAA signed by your hospital and NPIC/QAS insures that your data will be handled confidentially and in full compliance of all HIPAA related regulations.
- Transmission of the file can occur using the NPIC/QAS web based SSL encryption upload facility, internet FTP site for encrypted files or any other means acceptable to your facility and insuring the secure transmission of the data. NPIC/QAS technical staff will provide your staff with passwords and information on the process once your file is ready.

#### *Analytic Reports*

- NPIC/QAS will provide your hospital with a Baseline and two follow-up reports that will calculate your AOI, WAOS and SI by quarter compared to the NPIC/QAS benchmark and target benchmark. Each report will include a count of cases by quarter for each adverse event along with a graphical display of the quarterly and benchmarking indices. (If requested NPIC/QAS can supply a list of medical record numbers for those cases included in the calculation(s) for purposes of auditing the data.)
- To protect hospital anonymity, each participating hospital will be given an NPIC/QAS assigned identifier **known only** to the hospital. Any summary display of hospital specific data will use these identifiers with only NPIC ,MPSC and DHMH staff knowing the key to the hospital identifiers.
- Following each analysis, a **Summary Report** displaying each participating hospitals' data will be shared with the MPSC and DHMH team.

#### *Questions*

- Questions regarding this data submission process should be addressed to Janet Muri, Vice President, NPIC/QAS or Sandra A. Boyle, Director of Membership Services at 401-274-0650.