

REPORTS

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The British Columbia Perinatal Database Registry (BCPDR) has developed a number of reports that can provide valuable information for health care providers and planners in the following areas:

CLINICAL AREA

- analysis of patient characteristics
- review of clinical outcomes (morbidity/mortality)
- identification of specific health issues in a population
- facilitation of the development of clinical practice guidelines and educational needs assessment
- comparison with other centres

HOSPITAL/COMMUNITY AREA

- monitoring and evaluating hospital specific events
- facilitation of quality assurance initiatives
- supports hospital/community discharge needs

REGIONAL/PROVINCIAL AREA

- provides consistent data from all births in B.C. (either facility or population based)
- allows comparisons/linkages between hospitals, health authorities and the province of B.C.
- evaluates patient care outcomes and care delivery processes
- identification of problems/trends needing attention
- facilitation of epidemiological research and planning

AVAILABLE REPORTS

HOSPITAL GENERATED REPORTS

HOSPITAL REPORTS

A standard set of hospital-specific reports can be run at the hospital where the database is installed for hospital-defined date ranges. The hospitals that have their database maintained at the central BCRCP office receive this report package at the end of every fiscal year and may request these reports again from the BC Perinatal Database Registry. The Reports are:

Mother Discharges (Detail)	Maternal Age at EDC vs Newborn Size
Newborn Discharges (Detail)	Hospital Readmissions due to Breast Feeding Problems
Baby Transfer/Readmissions (Detail)	Anesthetic/Analgesia Report
Summary Statistics – Mother	Episiotomy/Tear Report
Summary Statistics – Baby Newborn	Indication for Induction Report
Summary Statistics – Baby Transfers & Readmissions	Labour Initiation Report
C-Section Summary Tables	Live Births by Birth Weight Report
Gestational Age at Birth Report	

The hospital can control the currency of available information.

HOSPITAL AD HOC REPORTS

Reports are derived from requests for data/information. Ad hoc report requests can be run against any field in the database at the hospital where the database is installed. The hospitals that have their database maintained at the central BCRCP office can make a request to the BC Perinatal Database Registry to have reports run for them.

PROVINCIAL PERINATAL DATABASE REGISTRY GENERATED REPORTS

B.C. PERINATAL REPORTING TOOL (PRT)

The Perinatal Reporting Tool is designed to allow health care providers, administrators and data analysts access to a summarized data set of perinatal information on a population, facility, health authority or provincial basis. The Reporting Tool allows for comparative reporting for some of the most common or important practices and health outcomes related to perinatal care.

The PRT is an interactive reporting tool (contained on a CD) that will allow the user to customize reports by selecting data elements from a pre-defined list of parameters and variables. To support the reporting objectives and accommodate the complexity of perinatal data, there are three data sets. These sets consist of:

1. The Mother Suite which includes all maternal discharges in the fiscal year.
2. The Baby Suite which includes all newborn discharges in the fiscal year.
3. The Mother-Baby Suite which only includes linked mother/newborns where both records are present and the last individual was discharged in the fiscal year.

In addition to the above information, the PRT contains three standard reports:

Gestational Age – information on births and deaths by gestational age.

Birth Weight – information on births and deaths by birth weight.

Utilization – information on maternal and newborn transfers, maternal postpartum length of stay, maternal and newborn average length of stay.

Version 2, released in September, 2003 contains two fiscal years of data (April 1, 1999 to March 31, 2001).

Version 2 has graphing capability and allows the data sets to be exported to Excel to support further data analysis.

BC PERINATAL DATABASE REGISTRY ANNUAL REPORT

The Annual Report describes the current state of perinatal health in British Columbia and will serve as the baseline to monitor future trends and changes for a set of maternal/newborn indicators. The selected indicators have been chosen because they are clinically relevant and lend themselves to analysis that may suggest changes in care delivery. The first Annual Report will set the benchmarks (a reference point) with subsequent Annual Reports commenting on trends from this initial benchmark, allowing policy makers to respond to the issues.

The Annual Report presents data on singleton deliveries and births. The Report is published in a paper format as well as available on the BCRCP website (www.rcp.gov.bc.ca).

The first release of the Annual Report will be in October, 2003. The report will contain two fiscal years of data (April 1, 2000 to March 31, 2002).

B.C. PERINATAL FACILITY COMPARISON REPORT (PFCR)

The Perinatal Facility Comparison Report contains selected facility-specific, peer-group and provincial maternal and newborn data. The report will enable the individual facility to compare and benchmark selected maternal and newborn events and outcomes with provincial and similar sized sites.

The PFCR is distributed to each facility providing obstetrical care in B.C. This paper report contains a set of data tables as well as trending graphs specific to each facility. It is distributed to Obstetrical Managers (Physician and Nursing) and Health Records/Information Analysis departments.

The first Perinatal Facility Comparison Report contains five fiscal years of data (April 1, 1997 to March 31, 2002) for sites with less than 500 deliveries annually. The report for sites with 500 or more deliveries annually contains three fiscal years of data (April 1, 1999 to March 31, 2002).

AD HOC REPORTS

A wide variety of reports are derived from requests for data/information which are received on an ongoing basis. The requests come from physicians, nurses, administration, researchers, etc. Details regarding the data contained in the B.C. Perinatal Database Registry are available on our website (www.rcp.gov.bc.ca) The release of information is governed by our Access and Release policies (see our brochure/website).

The “Request for Information” form is available electronically on our website at: www.bcrp.ca