True Data.   True Data.

b o r n:
Better Outcomes Registry & Network

BORN is Ontario's pregnancy, birth and childhood registry and network. Established in 2009 to collect, share and rigorously protect critical data about each child born in the province, BORN Ontario manages an advanced database that provides reliable, secure and comprehensive information on maternal and child care.

Because pregnancies and births in Ontario are thoroughly documented, and because the clinical data collected are complete, professionals in every discipline within the health sector gain vital knowledge they can apply to improve the system.

The result is change that contributes directly to the well being of mothers, with positive and lasting effects on the health of newborns, children and the citizens of Ontario.

b o r n
Ontario

Early health. Life long health.
Début en santé. Longue vie en santé.

Data
you can trust

BORN provides extensive, clinically relevant data vital for innovation and research in maternal and child health care.

Health-care breakthroughs big and small depend on sound evidence from high quality data. In Ontario, BORN is the authoritative source of data that advance evidence-informed maternal and child care. BORN gathers, aggregates and interprets extensive data on every birth and young child in the province, always safeguarding their privacy.

Efficient. Accurate. Expanding.

The integrity of BORN data is demonstrated clearly in its breadth and in the way it's collected. Every birthing hospital and midwifery practice in Ontario contributes data to populate more than 100 searchable elements in the web-based BORN Information System (BIS). Powerful and secure, the BIS connects more than 3,800 users to data that span all levels of care from pre-pregnancy to early childhood. Nearly 3,000 data entries are submitted every day cataloging more than 140,000 births each year in Ontario—approximately 40 percent of all births in Canada. In 60 percent of hospitals, clinicians themselves enter data in near real time to ensure accuracy and immediate promulgation of information even as it is collected.

Information
you can use

BORN is an authoritative source of timely information about pregnancy, birth and early childhood experiences.

BORN's trusted data are continually translated into intelligible and actionable maternal-and-child health information, including reports for all local health integration networks and public health units in Ontario. Clinicians, administrators, policy makers and researchers access BORN information daily to track province-wide health trends and examine health effects and outcomes beginning with early pregnancy.

Data in action

Continually reviewed by more than 100 leading subject-matter experts from across Ontario, information derived from BORN data defines key performance indicators such as cesarean section and breastfeeding rates. Providing fresh insight, the information strengthens program reviews and quality improvement. BORN also contributes to the continuous improvement of prenatal screening in Ontario. For example, BORN information on screening uptake, false positive and false negative rates enables screening laboratories to accurately assess and refine their performance.

Knowledge
you can apply

BORN helps deepen our understanding of maternal and child care.

With greater knowledge comes better care. BORN expands professional knowledge throughout Ontario's health care community, increasing the province's capacity to address the spectrum of care, support maternal-child planning and evaluation, and deliver measurable improvements for the benefit of all citizens.

Important achievements

BORN advances scientific and medical knowledge through newborn discharge reports, for example, which give primary care providers the patient knowledge they need to deliver appropriate follow-up care for mothers and babies. Recently, BORN's scientific team analyzed data related to the 2009 H1N1 pandemic and showed that immunization of pregnant women during the outbreak helped protect mothers as well as newborns. Health care professionals can act on this evidence to increase vaccine uptake among pregnant women during future pandemics.

Change
you can celebrate

BORN contributes to the best possible beginnings for life-long health.

Through accurate and clinically relevant data, timely and perceptive information and broad expertise, BORN is contributing to true change in Ontario's health system. Indeed, BORN is a mechanism of transparency, providing administrators and planners with the insight to guide informed decision-making and the efficient, responsible and targeted use of public resources.

An instrument of change

Newborn Screening Ontario (NSO) tests all babies in the province to assess their risk of having any of 28 rare but treatable diseases. With access to BORN data, NSO has been able to identify missed screens and newborns who may be at risk as a result. BORN also helps correct socioeconomic disparities in care. For example, to identify equity and access issues across Ontario, BORN data indicate how congenital anomaly, preterm birth and screening rates vary by location across the province.

True Data. True Change.

BORN is funded by the Ontario Ministry of Health and Long Term Care, administered by the Children's Hospital of Eastern Ontario (CHEO) and active in every region of the province. As a prescribed registry under Ontario's Personal Health Information Protection Act, BORN safeguards data while making information available to facilitate and improve health care. To ensure all personal information is protected in accordance with privacy legislation and data-system standards, BORN is overseen by the Information Privacy Commissioner of Ontario and supported by eHIL—the Electronic Health Information Laboratory at the CHEO Research Institute.

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Début en santé. Longue vie en santé.

How can BORN help you?
Find out at BORNOntario.ca or contact us directly.

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