

## BORN Data Elements

Data Element Name	Data Element Definition
Antenatal: Process	Timing and providers involved in the care of high-risk pregnancies
Birth: Complications	Complications during the intrapartum period
Birth: Location	Location of birth
Birth: Outcome	Status and clinical indicators of newborn at time of birth
Birth: Timing	Durations of phases of labour
Birth: Type	Indications of how the baby was delivered
Child: Outcome	Status and clinical outcome indicators of child at point of encounter
Child: Transfer of Care	Timing and providers involved in transfer of care
Comments	Used by HICs as part of data collection
Fetus: Clinical Measurements	Key clinical measurements tracked in the growth of the fetus
Fetus: Complications	Suspected or confirmed Congenital Anomalies
Fetus: Interventions	Fetal procedures or surgical interventions that were performed on the fetus during this pregnancy
Genetic testing	Molecular, chromosomal or biochemical testing completed on parents either prior to or during current pregnancy to identify chromosome and/or other inherited disorders.
Hospital: Length of Stay	Dates and durations of hospital stay encounters
Hospital: Services	Maternal-Child services available at reporting hospital
Identifier: Child Chart Number	The patient's unique file number assigned by HIC
Identifier: Child date of birth	Newborn's date of birth using standard date format.
Identifier: Child health card number	Newborn Ontario Health Insurance Plan (OHIP) Number without version code.
Identifier: Child name	Name of the Child
Identifier: Child Sex	Sex of the baby
Identifier: Hospital address	Address of submitting hospital
Identifier: Hospital city	City of submitting hospital
Identifier: Hospital LHIN	LHIN of submitting hospital
Identifier: Hospital name	Name of submitting hospital
Identifier: Hospital number	Number of submitting hospital
Identifier: Hospital PHU	PHU of submitting hospital



Identifier: LHIN city	City of submitting providers LHIN
Identifier: LHIN name	Name of submitting providers LHIN
Identifier: LHIN number	Number of submitting providers LHIN
Identifier: LHIN postal code	Postal code of submitting providers LHIN
Identifier: Maternal Age	Calculated based on date of birth
Identifier: Maternal chart	The patient's unique file number assigned by care provider
Identifier: Maternal city	The city or municipality of the mother's mailing or permanent address at time of delivery
Identifier: Maternal date of birth	Mother's date of birth in the format of day, month, year.
Identifier: Maternal health card number	1) Maternal Ontario Health Insurance Plan Number without version code 2) equivalent where OHIP is not available
Identifier: Maternal name	Maternal name as it appears on official maternal Health Card. If not available, full legal name.
Identifier: Maternal postal code	Maternal name as it appears on official maternal Health Card at each relevant encounter
Identifier: Maternal province	The province of residence of the mother's mailing address at the encounter
Identifier: PHU city	City of public health unit
Identifier: PHU name	Name of public health unit
Identifier: PHU number	Number of public health unit
Identifier: Provider address	Address of provider associated with encounter
Identifier: Provider city	City of provider associated with encounter
Identifier: Provider id	Id of provider associated with encounter
Identifier: Provider LHIN	LHIN associated with designated provider
Identifier: Provider name	Name of provider associated with encounter
Identifier: Provider phone number	Phone number of provider associated with encounter
Identifier: Provider PHU	Public health unit associated with designated provider
Identifier: Provider postal code	Postal code of provider associated with encounter
Identifier: Provider province	Province of provider associated with encounter
Identifier: Provider TPA	Transfer payment agency associated with designated midwifery practice group
Identifier: Provider type	Type of provider associated with encounter
Identifier: TPA address	Address of transfer payment agency
Identifier: TPA city	City of transfer payment agency

Identifier: TPA Name	Name of transfer payment agency
Identifier: TPA number	Number of transfer payment agency
Identifier: TPA phone number	Phone number of transfer payment agency
Identifier: TPA postal code	Postal code of transfer payment agency
Labour: Augmentation	Indications and interventions associated with the augmentation of labour
Labour: C-Section	Indications for and type of c-section
Labour: Interventions	The use of medications and monitoring for the management of labour
Maternal: Aboriginal identity	Mother's Aboriginal identity documented
Maternal: BMI	Maternal pre-pregnancy Body Mass Index (BMI) defined as weight in kilograms divided by the square of the height in metres (kg/m <sup>2</sup> ).
Maternal: Demographics	Maternal education, height, weight, marital status, ethnicity and occupation used in calculation of risk
Maternal: Diabetic Status	Indication of diabetic status during pregnancy
Maternal: Family History	Family health history of mother at time of data collection.
Maternal: Mental Health	An indication of maternal mental health status and pregnancy
Maternal: Outcome	Maternal mortality associated with pregnancy, birth and postpartum period
Maternal: Pre Existing Health Problems	Maternal medical history of previous and current (at time of reporting) maternal health problems. Can include but not limited to cancer, congenital anomalies, diabetes, chronic hypertension, hemoglobinopathies, etc
Maternal: Referral	Timing and providers involved in referrals and transfer of care
Maternal: Woman Abuse	The self-reported actual or threat of physical, sexual, financial or emotional abuse.
Midwifery: Billing	Data elements required by provincial midwifery billing requirements
Midwifery: Consultations	Timing and providers involved in consultation and transfer of care to and from midwifery
Newborn Screening: Follow-up	Location and key clinical observations required for newborn screen positive follow-up
Newborn Screening: Missed case	The way by which an individual affected with a disease screened for by newborn screening in Ontario came to medical attention
Newborn Screening: Outcome	Results, diagnostics and symptom onset for the identified NSO conditions
Newborn Screening: Process	Timing, individuals, and actions associated with the newborn screening process

Newborn Screening: Test	Ratios and levels associated with newborn screen
Newborn: Clinical Measurements	Fundamental clinical measurements associated with high-risk newborns
Newborn: Complications	Occurrence of newborn complications or conditions
Newborn: Drug Screen	Indication that baby had a drug screen of blood, urine, stool (meconium) or hair following delivery for the presence of maternal illicit substance use
Newborn: Feeding	Type of feeding at three timepoints following birth
Newborn: Growth Parameters	Fundamental growth indicators for the newborn including height, weight and head circumference
Newborn: Interventions	Interventions used to support baby in the neonatal period
Newborn: Outcome	Status and clinical indicators of newborn at end of neonatal period
NICU: Follow-up	Indication that NICU follow up was completed.
Other Screening: HBHC	Indication that HBHC Screen has been completed and results of screen.
Other Screening: Hearing	The result of the newborn hearing screen test done during the hospital stay
Other Screening: ROP	Indicates whether ROP Screening initiated as per protocol
Paternal: Demographics	Occupation, age and ethnic background of father
Paternal: Health History	Health history of father at time of data collection.
Pregnancy: Alcohol	Self-reported consumption of alcohol during pregnancy
Pregnancy: Amniocentesis	Indication that amniocentesis procedure was performed.
Pregnancy: Doctor visits	Indication and provider type that mother visited a provider during the first trimester (<13 weeks of pregnancy) of current pregnancy for prenatal care
Pregnancy: Exposure	Self-reported drug, substance, medication, radiation and alcohol exposure during pregnancy
Pregnancy: Hypertension	An indication of hypertensive disorders in pregnancy
Pregnancy: Infection	An indications of infections during current pregnancy which can put mother or child at risk. Many can be managed to reduce risk
Pregnancy: Interventions	Number and description of diagnostic procedures performed in the prenatal period
Pregnancy: Other Complications	Complications arising during the course of the current pregnancy
Pregnancy: Outcome	Indicates the outcome of this pregnancy
Pregnancy: Pregnancy History	History of previous and current pregnancy
Pregnancy: Prenatal classes	Indication that mother attended prenatal education classes (of any kind) during the current pregnancy.

Pregnancy: Reproductive assistance	Details of reproductive assistance associated with current pregnancy, required for prenatal screening
Pregnancy: Smoking	Self-reported amount of smoking per day at two times during the pregnancy
Pregnancy: Ultrasound	Ultrasound scan for direct visualization of fetal structures for the purposes of monitoring fetal growth and detecting/monitoring congenital anomalies
Prenatal Screening: Follow-up	Indication that if follow-up services were provided and/or accepted
Prenatal Screening: Outcome	Results, and diagnostics for prenatal screen
Prenatal Screening: Process	Timing, individuals, and actions associated with the prenatal screening process
Prenatal Screening: Test	Ratios and levels associated with prenatal screen