

ALBERTA PERINATAL HEALTH PROGRAM DATA ELEMENTS LIST

| # | Field name | Additional Info | Definition |
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| Maternal | | | |
| 11 | Birth Event ID | INTEGER | Unique Identifier for a birth event assigned by APHP |
| 12 | Birth Site Admit Date Time | DATETIME | Date the mother was admitted to the hospital. |
| 36 | Maternal PHN | VARCHAR(15) | Birth mother's personal health number. |
| 35 | Maternal Hospital Identifier | INTEGER | Birth mother's identifier assigned by the hospital. |
| 37 | Maternal Postal Code | CHAR(6) | Postal code of the mother's place of residence at time of delivery |
| 26 | Intended Site of Birth | NUMERIC(4) | The planned site of birth |
| 28 | Maternal Age | NUMERIC(2) | The newborn mother's age at the time of delivery |
| 31 | Maternal Date Of Birth | DATETIME | The calendar date on which the newborn mother was born. |
| 25 | Gravida | NUMERIC(2) | The number of pregnancies including the current birth that a woman has had, regardless of gestation or outcome. |
| 51 | Term | NUMERIC(2) | Total number of babies born to this woman at >= 37 completed weeks gestation, excluding current birth |
| 49 | Preterm | NUMERIC(2) | Total number of babies born to this woman between 20 and less than 37 completed weeks gestation, excluding current birth |
| 10 | Abortions | NUMERIC(2) | Total number of pregnancy losses prior to 20 weeks gestation or < 500 grams, including ectopic pregnancies. This includes both therapeutic and spontaneous abortions. |
| 27 | Living | NUMERIC(2) | Total numbers of children currently living that were born to this woman, excluding this birth. |
| 43 | Parity | NUMERIC(2) | The number of previous pregnancies that progressed beyond 20 weeks gestation, regardless of outcome |
| 15 | Cesarean Birth Total | NUMERIC(2) | Numeric value of the total number of cesarean births |
| 23 | Gestational Age | NUMERIC(2) | The gestational age of the fetus in completed weeks from the time of fertilization until emergence from the uterus |
| 8 | Assisted Conception Method | CHAR(2) | Type(s) of assisted conception techniques used for this pregnancy. |
| 47 | Pregnancy Type | CHAR(2) | Singleton or Multiple or Unknown |
| 97 | Birth Order | NUMERIC(1) | Sequence the baby was born, first(1), second(2), etc. Combined with the Birth Event ID to uniquely identify a newborn |
| 42 | Multiple Birth Count | NUMERIC(1) | Total number of babies born from this pregnancy - irrespective of live birth or still birth. |
| 17 | Dilation First Exam | NUMERIC(2) | The dilation of the cervix at the time of hospital admission - measured in centimeters: |
| 118 | Presentation In Labour | CHAR(2) | Presentation of the fetus while the mother is in labour. (for each baby born) |
| 55 | Type of Labour | CHAR(1) | Indicates whether the woman's labour was spontaneous or induced |

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| 54 | Trial of Labour | CHAR(1) | Indicates the woman had a previous Cesarean Section, and has been allowed a trial of labour, with the intent to deliver vaginally. |
| 9 | Augmentation Code | CHAR(2) | The method(s) of medication/intervention used to <u>augment labour in a woman.</u> |
| 61 | Induction Code | CHAR(2) | The method(s) of induction used to induce labour in a woman. |
| 62 | Induction Reason | CHAR(2) | Indicates the reason(s) mother was induced |
| 129 | Pain Management | CHAR(2) | Method of pain management used during labour. |
| 1 | Anesthesia Method | CHAR(2) | Anesthesia administered during the delivery process. |
| 76 | Medication Type | CHAR(2) | Type(s) of medication administered to mother during this pregnancy |
| 77 | Number of Doses | CHAR(2) | Number of Doses: |
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| 57 | Delivery Type | CHAR(2) | The manner in which the baby was extracted from the <u>womb or birth canal</u> |
| 128 | Operative Delivery Reason | CHAR(2) | Indicates the reason(s) a woman had a delivery by cesarean section, forceps or vacuum extraction. |
| 21 | Elective CS | CHAR(1) | Indicates whether the mother was booked for elective cesarean delivery. N = No Y = Yes U = Unknown |
| 16 | Cesarean Section Incision | CHAR(2) | Identifies the type of incision in the uterine wall for <u>cesarean section labour</u> |
| 18 | Dilation Last Exam | NUMERIC(2) | The cervical dilation measured in centimeters just prior to <u>cesarean section</u> |
| 22 | Episiotomy | CHAR(2) | Indicates whether a surgical incision of the perineum was performed during childbirth to <u>facilitate delivery</u> |
| 67 | Laceration Type | CHAR(2) | The degree of laceration the woman has incurred during the <u>birthing process.</u> |
| 101 | Duration of Labour Stage 1 hrs | NUMERIC(3) | The total hours for the first stage of labour. |
| 102 | Duration of Labour Stage 1 min | NUMERIC(3) | The total minutes for the first stage of labour. |
| 103 | Duration of Labour Stage 2 hrs | NUMERIC(3) | The total hours for the second stage of labour. Second Stage is from time of full dilation to <u>delivery</u> |
| 104 | Duration of Labour Stage 2 min | NUMERIC(3) | The total minutes for the second stage of labour. Second Stage is from time of full dilation to <u>delivery</u> |
| 105 | Duration of Labour Stage 3 hrs | NUMERIC(3) | The total hours for the third stage of labour. Third Stage is from delivery to separation of placenta. |
| 106 | Duration of Labour Stage 3 min | NUMERIC(3) | The total minutes for the third stage of labour. Third Stage is from delivery to separation of placenta. |
| 19 | Duration of Labour hrs | NUMERIC(3) | Total hours of labour. |
| 20 | Duration of Labour min | NUMERIC(3) | Total minutes of labour. |
| 50 | ROM Date Time | DATETIME | Date and time membranes ruptured |
| 46 | Blood Loss | CHAR(2) | Indicates excessive blood loss on Labour and Delivery Unit" only. Blood loss >500 cc for vaginal delivery; >1000 cc for c-section. 00 = Average (< 500 cc for vaginal delivery; < 1000 cc for c-section) |

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| 122 | Umbilical Vessels | CHAR(1) | The number of vessels in the umbilical cord. |
| 116 | Placenta Pathology Performed | CHAR(1) | Indicates whether a pathology was performed on the placenta. |
| 78 | Antenatal Care | CHAR(2) | Category of health care provider - antenatal |
| 83 | Intrapartum Care | CHAR(2) | Category of health care provider - intrapatum |
| 81 | Delivery Care | CHAR(2) | Category of health care provider at time of delivery |
| 93 | Arterial Base Excess | NUMERIC(2,2) | Derived parameter from pH, pCO2 and hemoglobin measurements; calculated routinely with blood gas analysis |
| 94 | Arterial PH | NUMERIC(2,2) | The recorded value of the fetal umbilical artery pH |
| 119 | Scalp PH | NUMERIC(2,2) | The recorded value of the fetal scalp pH |
| 123 | Venous Base Excess | NUMERIC(2,2) | Derived parameter from pH, pCO2 and hemoglobin measurements; calculated routinely with blood gas analysis |
| 124 | Venous PH | NUMERIC(2,2) | The pH value of the venous cord blood. |

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| 2 | Antenatal Risk Factors | CHAR(3) | Specific antenatal risk of the mother for current pregnancy. |
| 3 | Antenatal Weighted value | NUMERIC(2) | The score documented for the specific risk assessed of the mother for current pregnancy. |
| 52 | Total Antepartum Risk Score | NUMERIC(2) | The total antepartum risk score from the delivery record, part one. This score is the sum of risk factor parts A, B, C and D. |
| 64 | Intrapartum Risk Factors | CHAR(3) | Specific intrapartum risk of the mother for current pregnancy. |
| 65 | Intrapatum Weighted value | NUMERIC(1) | The score documented for the specific risk assessed of the mother for current pregnancy. |
| 53 | Total Intrapartum Risk Score | NUMERIC(2) | The total intrapartum risk score from the delivery record, part one. |
| 13 | Breast Fed After Delivery | CHAR(1) | Mother breast fed newborn after delivery. |
| 14 | Breastfeeding At Discharge | CHAR(1) | Mother is breastfeeding newborn at time of discharge |
| 111 | Meconium Fluid | CHAR(2) | Consistency of the first fecal excretion of a newborn child. |
| 59 | GHD | CHAR(4) | Geographical hospital district. |
| 60 | LOS | CHAR(2) | Level of service provided by the hospital |
| 131 | RHA | CHAR(2) | Health Region / Zone of residence |
| Newborn | | | |
| 120 | Site of Birth | NUMERIC(4) | The site where the birth occurred. |
| 121 | Site of Birth Newborn Identifier | INTEGER | Infant's chart ID number assigned by the hospital. |
| 114 | Newborn ULI | VARCHAR(15) | Unique Lifetime number assigned to the baby. |
| 112 | Newborn Birth Date Time | DATETIME | Date and time of birth for newborn |
| 117 | Pregnancy Outcome | CHAR(2) | The outcome of delivery for each baby born. |

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| 90 | Apgar1 | NUMERIC(2) | APGAR score assessed at 1 minute. A system of evaluating a newborn's physical condition by assigning a value (0, 1, or 2) to each of five criteria: A - Activity (muscle tone), P - Pulse (heart rate), G - Grimace (response to stimuli), A - Appearance (color). |
| 92 | Apgar5 | NUMERIC(2) | APGAR score assessed at 5 minutes after delivery. A system of evaluating a newborn's physical condition by assigning a value (0, 1, or 2) to each of five criteria: A - Activity (muscle tone), P - Pulse (heart rate), G - Grimace (response to stimuli), A - Appearance (color). |
| 91 | Apgar10 | NUMERIC(2) | APGAR score assessed at 10 minutes after delivery. A system of evaluating a newborn's physical condition by assigning a value (0, 1, or 2) to each of five criteria: A - Activity (muscle tone), P - Pulse (heart rate), G - Grimace (response to stimuli), A - Appearance (color). |
| 63 | Resus Method | CHAR(2) | The initial resuscitative interventions used on the newborn at birth. |
| 98 | Birth Weight | NUMERIC(4,2) | First weight of newborn after birth, in grams. |
| 108 | Gender | CHAR(1) | A code depicting the biological sex of the newborn |
| 99 | Congenital Anomaly | CHAR(1) | Indicates the presence of a fetal anomaly |
| 107 | Eye Care Administered | CHAR(1) | Eye Care medication was administered to the newborn after the birth |
| 125 | Vitamin K Administered | CHAR(1) | Vitamin K was administered to the newborn after the birth |
| 126 | Vitamin K Administration Method | CHAR(2) | Method Vitamin K was administered to the newborn after the birth |
| 113 | Newborn Transfer | CHAR(1) | Indicates whether the newborn was transferred to another institution for care/delivery |
| 115 | NICU Admission | CHAR(1) | Baby admitted to NICU / SCN because the clinical care that is required is beyond that of a healthy newborn |
| 110 | Level 3 NICU Admission | CHAR(1) | Admit to Level III NICU within 7 days of birth. |
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| | Mortality | | |
| 80 | Neonatal Death Event ID* | INTEGER | Unique identifier for the neonatal death event |
| 84 | Neonatal Death* | CHAR(1) | The post outcome of a live birth. |
| 85 | Newborn Death Date Time* | DATETIME | Date of death for newborn |
| 86 | Site of Death* | NUMERIC(4) | The site where the newborn died. |
| 87 | Site of Death Newborn Identifier* | INTEGER | Infant's chart ID number assigned by the hospital where the infant died. |
| 69 | Maternal Death Event ID* | INTEGER | Unique identifier for the maternal death event |
| 74 | Maternal Date Of Death* | DATETIME | The calendar date on which the woman (mother) died. |
| 24 | Gestational Age First Visit* | NUMERIC(2) | Gestational age at first prenatal visit. |
| 29 | Maternal Body Mass Final* | NUMERIC(3,2) | Maternal final BMI calculated weight(kg)/height(m) ² |
| 30 | Maternal Body Mass Initial* | NUMERIC(3,2) | Maternal initial BMI calculated weight(kg)/height(m) ² |

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| 32 | Maternal Discharge Date* | DATETIME | Calendar date the mother was discharged from hospital. |
| 33 | Maternal Education Level* | CHAR(2) | Education level of the mother as identified on the prenatal record. |
| 34 | Maternal Height* | NUMERIC(3,2) | Maternal standing height at first prenatal visit measured in centimeter. |
| 40 | Maternal Weight Final* | NUMERIC(3,2) | The mother's final pregnancy weight measured in kilograms. |
| 41 | Maternal Weight Initial* | NUMERIC(3,2) | The mother's pre-pregnancy weight measured in kilograms. |
| 48 | Prenatal Visits* | NUMERIC(2) | Number of prenatal visits attended. |
| 38 | Maternal Smoker | CHAR(2) | Identifies the smoking status of the mother at the time of the first prenatal visit. |
| 39 | Maternal Transfer | CHAR(1) | Indicates whether the mother was transferred to another institution for care/delivery. |
| 44 | Paternal Age* | NUMERIC(2) | Fathers age at time of birth event. |
| 45 | Paternal Education Level* | CHAR(2) | Education level of the father as identified on the prenatal record. |
| 5 | Investigation Type * | CHAR(2) | Investigations conducted during this pregnancy. |
| 6 | Result* | CHAR(2) | The documented outcome of the investigation or test. |
| 7 | Test Date* | DATETIME | The calendar day the test was administered. |
| 66 | Labour Factor Type * | CHAR(2) | Factors affecting the delivery of the newborn. |
| 75 | Maternal Factor * | CHAR(2) | Maternal medical history as indicated on prenatal record. |
| 127 | Obstetrical Factor * | CHAR(2) | Obstetrical complication - past or present. |
| 68 | Maternal Death Cause * | CHAR(3) | Maternal death causes. |
| 70 | Autopsy Maternal* | CHAR(1) | Indicates whether an autopsy was conducted. |
| 71 | Death Antepartum Days* | NUMERIC(2) | The number of completed weeks of the pregnancy at the time of death. |
| 72 | Death Cause Type* | CHAR(1) | Death cause type: |
| 73 | Death Intrapartum Days* | NUMERIC(2) | The number of days postpartum at the time of the death. |
| 79 | Autopsy Neonate / Fetus* | CHAR(1) | Identifies whether an autopsy was conducted. |
| 82 | Diagnostic Class Group * | CHAR(2) | Classification into Wigglesworth diagnostic classification. |
| 88 | Infection Type * | CHAR(2) | Indication the neonate had the specified infection. |
| 58 | Fetal Factor Type * | CHAR(2) | Antecedent factor(s) affecting the fetus. |
| 89 | Neonatal Factor * | CHAR(2) | |
| 96 | Birth Length* | NUMERIC(3,2) | Length of the newborn on first measuring - crown to heel, in centimeters. |
| 100 | Congenital Anomaly Class ID* | CHAR(2) | Congenital Anomaly identified in the newborn. |
| 109 | Head Circumference* | NUMERIC(3,2) | First circumference of the newborn head after birth - in centimeters. |
| 130 | Pathology * | CHAR(2) | Laboratory analysis of the placenta for any deviation from a healthy or normal condition. |

* Collected for mortality events only