ALBERTA PERINATAL HEALTH PROGRAM DATA ELEMENTS LIST

#	Field name	Additional Info	Definition
			Maternal
1	Birth Event ID	INTEGER	Unique Identifier for a birth event assigned by APHP
2	Birth Site Admit Date Time	DATETIME	Date the mother was admitted to the hospital.
3	Maternal PHN	VARCHAR(15)	Birth mother's personal health number.
4	Maternal Hospital Identifier	INTEGER	Birth mother's identifier assigned by the hospital.
5	Maternal Postal Code	CHAR(6)	Postal code of the mother's place of residence at time of delivery
6	Intended Site of Birth	NUMERIC(4)	The planned site of birth
7	Maternal Age	NUMERIC(2)	The newborn mother's age at the time of delivery
8	Maternal Date Of Birth	DATETIME	The calendar date on which the newborn mother was born.
9	Gravida	NUMERIC(2)	The number of pregnancies including the current birth that a woman has had, regardless of gestation or outcome.
10	Term	NUMERIC(2)	Total number of babies born to this woman at >= 37 completed weeks gestation, excluding current birth
11	Preterm	NUMERIC(2)	Total number of babies born to this woman between 20 and less than 37 completed weeks gestation, excluding current birth
12	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.
13	Living	NUMERIC(2)	Total numbers of children currently living that were born to this woman, excluding this birth.
14	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
16	Gestational Age	NUMERIC(2)	The gestational age of the fetus in completed weeks from the time of fertilization until emergence from the uterus.
17	Assisted Conception Method	CHAR(2)	Type(s) of assisted conception techniques used for this pregnancy.
18	Pregnancy Type	CHAR(2)	Singleton or Multiple or Unknown
19	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.
20	Multiple Birth Count	NUMERIC(1)	Total number of babies born from this pregnancy - irrespective of live birth or still birth.
21	Dilation First Exam	NUMERIC(2)	The dilation of the cervix at the time of hospital admission - measured in centimeters:
22	Presentation In Labour	CHAR(2)	Presentation of the fetus while the mother is in labour. (for each baby born)
23	Type of Labour	CHAR(1)	Indicates whether the woman's labour was spontaneous or induced.
24	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.
25	Augmentation Code	CHAR(2)	The method(s) of medication/intervention used to augment labour in a woman.
26	Induction Code	CHAR(2)	The method(s) of induction used to induce labour in a woman.
27	Induction Reason	CHAR(2)	Indicates the reason(s) mother was induced
28	Pain Management	CHAR(2)	Method of pain management used during labour.
29	Anesthesia Method	CHAR(2)	Anesthesia administered during the delivery process.
30	Medication Type	CHAR(2)	Type(s) of medication administered to mother during this pregnancy.
31	Number of Doses	CHAR(2)	Number of Doses:
32			
33	Delivery Type	CHAR(2)	The manner in which the baby was extracted from the womb or birth canal.
34	Operative Delivery Reason	CHAR(2)	Indicates the reason(s) a woman had a delivery by cesarean section, forceps or vacuum extraction.

35	Elective CS	CHAR(1)	Indicates whether the mother was booked for elective cesarean delivery. N = No Y = Yes U = Unknown
36	Cesarean Section Incision	CHAR(2)	Identifies the type of incision in the uterine wall for cesarean section labour
37	Dilation Last Exam	NUMERIC(2)	The cervical dilation measured in centimeters just prior to cesarean section
38	Episiotomy	CHAR(2)	Indicates whether a surgical incision of the perineum was performed during childbirth to facilitate delivery
39	Laceration Type	CHAR(2)	The degree of laceration the woman has incurred during the birthing process.
40	Duration of Labour Stage 1 hrs	NUMERIC(3)	The total hours for the first stage of labour.
41	Duration of Labour Stage 1 min	NUMERIC(3)	The total minutes for the first stage of labour.
42	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 delivery
43	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 delivery
44	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.
45	Duration of Labour Stage 3 min	NUMERIC(3)	The total hours for the third stage of labour. Third Stage is from delivery to separation of placenta.
46	Duration of Labour hrs	NUMERIC(3)	Total hours of labour.
47	Duration of Labour min	NUMERIC(3)	Total minutes of labour.
48	ROM Date Time	DATETIME	Date and time membranes ruptured
49	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)
50	Umbilical Vessels	CHAR(1)	The number of vessels in the umbilical cord.
51	Placenta Pathology Performed	CHAR(1)	Indicates whether a pathology was performed on the placenta.
52	Antenatal Care	CHAR(2)	Category of health care provider - antenatal
53	Intrapartum Care	CHAR(2)	Category of health care provider - intrapatum
54	Delivery Care	CHAR(2)	Category of health care provider at time of delivery
55	Arterial Base Excess	NUMERIC(2,2)	Derived parameter from pH, pCO2 and hemoglobin measurements; calculated routinely with blood gas analysis
56	Arterial PH	NUMERIC(2,2)	The recorded value of the fetal umbilical artery pH
57	Scalp PH	NUMERIC(2,2)	The recorded value of the fetal scalp pH
58	Venous Base Excess	NUMERIC(2,2)	Derived parameter from pH, pCO2 and hemoglobin measurements; calculated routinely with blood gas analysis
59	Venous PH	NUMERIC(2,2)	The pH value of the venous cord blood.
60	Antenatal Risk Factors	CHAR(3)	Specific antenatal risk of the mother for current pregnancy.
61	Antenatal Weighted value	NUMERIC(2)	The score documented for the specific risk assessed of the mother for current pregnancy.
62	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.
63	Intrapartum Risk Factors	CHAR(3)	Specific intrapartum risk of the mother for current pregnancy.
64	Intrapatum Weighted value	NUMERIC(1)	The score documented for the specific risk assessed of the mother for current pregnancy.
65	Total Intrapartum Risk Score	NUMERIC(2)	The total intrapartum risk score from the delivery record, part one.
66	Breast Fed After Delivery	CHAR(1)	Mother breast fed newborn after delivery.
67	Breastfeeding At Discharge	CHAR(1)	Mother is breastfeeding newborn at time of discharge
68	Meconium Fluid	CHAR(2)	Consistency of the first fecal excretion of a newborn child.
69	Maternal Discharge Date*	DATETIME	Calendar date the mother was discharged from hospital.
70	GHD	CHAR(4)	Geographical hospital district.
71	LOS	CHAR(2)	Level of service provided by the hospital
72	RHA	CHAR(2)	Health Region / Zone of residence

			Newborn
73	Site of Birth	NUMERIC(4)	The site where the birth occurred.
74	Site of Birth Newborn Identifier	INTEGER	Infant's chart ID number assigned by the hospital.
75	Newborn ULI	VARCHAR(15)	Unique Lifetime number assigned to the baby.
76	Newborn Birth Date Time	DATETIME	Date and time of birth for newborn
77	Pregnancy Outcome	CHAR(2)	The outcome of delivery for each baby born.
78	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 -
79	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 -
80	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
81	Resus Method	CHAR(2)	The initial resuscitative interventions used on the newborn at birth.
82	Birth Weight	NUMERIC(4,2)	First weight of newborn after birth, in grams.
83	Gender	CHAR(1)	A code depicting the biological sex of the newborn
84	Congenital Anomaly	CHAR(1)	Indicates the presence of a fetal anomaly
85	Eye Care Administered	CHAR(1)	Eye Care medication was administered to the newborn after the birth
86	Vitamin K Administered	CHAR(1)	Vitamin K was administered to the newborn after the birth
87	Vitamin K Administration Method	CHAR(2)	Method Vitamin K was administered to the newborn after the birth.
88	Newborn Transfer	CHAR(1)	Indicates whether the newborn was transferred to another institution for care/delivery
89	NICU Admission	CHAR(1)	Baby admitted to NICU / SCN because the clinical care that is required is beyond that of a healthy newborn
			Mortality
90	Neonatal Death Event ID*	INTEGER	Unique identifier for the neonatal death event
91	Neonatal Death*	CHAR(1)	The post outcome of a live birth.
92	Newborn Death Date Time*	DATETIME	Date of death for newborn
93	Site of Death*	NUMERIC(4)	The site where the newborn died.
94	Site of Death Newborn Identifier*	INTEGER	Infant's chart ID number assigned by the hospital where the infant died.
95	Maternal Death Event ID*	INTEGER	Unique identifier for the maternal death event
96	Maternal Date Of Death*	DATETIME	The calendar date on which the woman (mother) died.
97	Gestational Age First Visit*	NUMERIC(2)	Gestational age at first prenatal visit.
98	Maternal Body Mass Final*	NUMERIC(3,2)	Maternal final BMI calculated weight(kg)/height(m)2
99	Maternal Body Mass Initial*	NUMERIC(3,2)	Maternal initial BMI calculated weight(kg)/height(m)2
100	Maternal Education Level*	CHAR(2)	Education level of the mother as identified on the prenatal record.
101	Maternal Height*	NUMERIC(3,2)	Maternal standing height at first prenatal visit measured in centimeter.
102	Maternal Weight Final*	NUMERIC(3,2)	The mother's final pregnancy weight measured in kilograms.
103	Maternal Weight Initial*	NUMERIC(3,2)	The mother's pre-pregnancy weight measured in kilograms.
104	Prenatal Visits*	NUMERIC(2)	Number of prenatal visits attended.
105	Maternal Smoker	CHAR(2)	Identifies the smoking status of the mother at the time of the first prenatal visit.
106	Maternal Transfer	CHAR(1)	Indicates whether the mother was transferred to another institution for care/delivery.
107	Paternal Age*	NUMERIC(2)	Fathers age at time of birth event.
108	Paternal Education Level*	CHAR(2)	Education level of the father as identified on the prenatal record.

109	Investigation Type *	CHAR(2)	Investigations conducted during this pregnancy.
110	Result*	CHAR(2)	The documented outcome of the investigation or test
111	Labour Factor Type *	CHAR(2)	Factors affecting the delivery of the newborn
112	Maternal Factor *	CHAR(2)	Maternal medical history
113	Obstetrical Factor *	CHAR(2)	Obstetrical complication - past or present
114	Maternal Death Cause *	CHAR(3)	Maternal death causes.
115	Autopsy Maternal*	CHAR(1)	Indicates whether an autopsy was conducted.
116	Gestational Age at Death*	NUMERIC(2)	The number of completed weeks of the pregnancy at the time of maternal death.
117	Death Cause Type*	CHAR(1)	Death cause type:
118	Death Period if >20 weeks*	NUMERIC(2)	indicate if the maternal death occurred antepartum, intrapartum or postpartum.
119	Death Period <20 weeks*	NUMERIC(2)	Indicates if the maternal death was related to an Ectopic pregnancy, miscarriage or other
120	Autopsy Neonate / Fetus*	CHAR(1)	Identifies whether an autopsy was conducted.
121	Diagnostic Class Group *	CHAR(2)	Classification into Wigglesworth diagnostic classification
122	Infection Type *	CHAR(2)	Indication the neonate had a specified infection.
123	Fetal Factor Type *	CHAR(2)	Antecedent factor(s) affecting the fetus.
124	Neonatal Mortality Factor *	CHAR(2)	Factors affecting the death of the neonate
125	Birth Length*	NUMERIC(3,2)	Length of the newborn on first measuring - crown to heel, in centimeters.
126	Congenital Anomaly Class ID*	CHAR(2)	Congenital Anomaly identified in the newborn
127	Head Circumference*	NUMERIC(3,2)	First circumference of the newborn head after birth - in centimeters.
128	Pathology *	CHAR(2)	Laboratory analysis of the placenta for any deviation from a healthy or normal condition

*Data extracted from Mortality cases only so data is not available for ALL births.