

# Data Dictionary

## FloridaCHARTS.com Birth Query

### About the FloridaCHARTS.com Birth Query System

The Birth Query System provides counts and rates for Florida's resident and recorded births. Data are final unless marked as provisional, and provisional data is updated weekly.

### Measures

	Measures	Definition	Query Location
A	Birth Rate per 1000	Number of births per 1,000 population (for 1989 forward)	Birth Rates
B	Resident Fertility Rate per 1000 Females 15-44	Number of resident births per 1,000 females ages 15-44 (for 1989 forward)	Birth Rates
1	Births	Recorded - Number of infants born in Florida Resident - Number of infants born to Florida residents regardless of state of birth (for 1989 forward)	Birth Counts
2	Low Birth Weight (<2500g)	Number of infants with a birth weight less than 2500 grams (for 1989 forward)	Birth Counts
3	Very Low Birth weight (<1500g)	Number of infants with a birth weight less than 1500 grams (for 1989 forward)	Birth Counts
4	Pre-term Births (Obstetrical estimate of gestational age <37 weeks)	Number of infants born with a gestational age (based on Obstetrical estimate of gestational age) of less than 37 weeks (for 1989 forward)	Birth Counts
5	Very Pre-term Births (Obstetrical estimate of gestational age <32 weeks)	Number of infants born with a gestational age (based on obstetrical estimate of gestational age) of less than 32 weeks (for 1989 forward)	Birth Counts
6	Preterm births with low birth weight	Births with birth weight below 2500 grams and gestational age less than 37 weeks. Beginning in April 2018, births with unknown birth weight or unknown gestational age were excluded from the denominator in calculating the percentage. (for 1989 forward)	Birth Counts
7	Vaginal birth after cesarean (VBAC)	Number of infants delivered vaginally to mothers who had a previous delivery by cesarean section (for 1989 forward)	Birth Counts
8	C-Section Births	Number of infants delivered by cesarean section (for 1989 forward)	Birth Counts
9	Multiple Births	Number of infants who were part of a twin or higher order birth (for 1989 forward)	Birth Counts
10	Non-Hospital Births	Number of infants who were not born at a hospital (for 1989 forward)	Birth Counts
11	Prenatal Care 1 <sup>st</sup> Trimester	Number of infants whose mothers received prenatal care beginning in the first trimester. Beginning in April 2018, mothers with unknown prenatal care were excluded from the denominator in calculating the percentage. (for 1989 forward)	Birth Counts
12	Prenatal Care 2 <sup>nd</sup> Trimester	Number of infants whose mothers received prenatal care beginning in the second trimester. Beginning in April 2018, mothers with unknown prenatal care were excluded from the denominator in calculating the percentage. (for 1989 forward)	Birth Counts
13	Prenatal Care 3 <sup>rd</sup> Trimester	Number of infants whose mothers received prenatal care beginning in the third trimester. Beginning in April 2018, mothers with unknown prenatal care were excluded from the denominator in calculating the percentage. (for 1989 forward)	Birth Counts
14	No Prenatal Care	Number of infants whose mothers received no prenatal care. Beginning in April 2018, mothers with unknown prenatal care were excluded from the denominator in calculating the percentage. (for 1989 forward)	Birth Counts
15	Late or no prenatal care	Number of infants whose mothers received prenatal care in the 3 <sup>rd</sup> trimester or mothers who received no prenatal care. Beginning in April	Birth Counts

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	Measures	Definition	Query Location
		2018, mothers with unknown prenatal care were excluded from the denominator in calculating the percentage. (for 1989 forward)	
16	Less than adequate prenatal care (Kotelchuck Index)*	Number of infants whose mother received Inadequate or Intermediate Prenatal Care based on the Kotelchuck Index. The Kotelchuck Index uses the date prenatal care began and the number of prenatal visits to classify the adequacy of prenatal care into these groups: Inadequate prenatal care, Intermediate Prenatal Care, Adequate Prenatal Care, Adequate Plus Prenatal Care, Unknown. Beginning in April 2018, the percentage excludes from the denominator cases with unknown date prenatal care began or unknown number of prenatal visits. (for 1989 forward)	Birth Counts
17	Mother WIC Participation	Number of infants whose mother participated in WIC during pregnancy (for 2004 forward)	Birth Counts
18	Inter-pregnancy interval less than 18 months	Number of pregnancies with an inter-pregnancy interval of less than 18 months (for 1989 forward)	Birth Counts
19	Mother Not Married	Number of infants born to unmarried mothers (for 1989 forward)	Birth Counts
20	Mother's Education Less Than High School***	Number of infants born to mothers with less than a high school education. Beginning in April 2018, mothers with unknown education were excluded from the denominator in calculating the percentage. (for 1989 forward)	Birth Counts
21	Births to Mothers with a Healthy Weight	Number of infants born to a mother with a BMI between 18.5 and 24.9. Beginning in April 2018, mothers with unknown prepregnancy weight or height were excluded from the denominator in calculating the percentage. (for 2004 forward)	Birth Counts
22	Mother BMI Overweight (25-29.9)	Number of infants born to a mother with a BMI between 25.0 and 29.9. Beginning in April 2018, mothers with unknown prepregnancy weight or height were excluded from the denominator in calculating the percentage. (for 2004 forward)	Birth Counts
23	Mother BMI obese (30+)	Number of infants born to a mother with a BMI greater than or equal to 30.0. Beginning in April 2018, mothers with unknown prepregnancy weight or height were excluded from the denominator in calculating the percentage. (for 2004 forward)	Birth Counts
24	Repeat births to teens	Number of singleton and first-born of multiple births where the mother had at least one previous live birth and is less than 20 years old (for 1989 forward)	Birth Counts
25	Medicaid as payment source	Number of infants whose delivery was paid for by Medicaid. Beginning in April 2018, mothers with unknown payment source were excluded from the denominator in calculating the percentage. (for 2004 forward)	Birth Counts
26	Breastfeeding initiation	Number of infants whose mother initiated breastfeeding by the time the birth certificate was completed (for 2004 forward)	Birth Counts

### Row, Column and Filter Variables

	Variable	Description
	<b>Resident Births</b>	Mother was a Florida resident at time of birth - Resident, Non-Resident
	<b>Recorded Births</b>	Birth occurred in Florida (recorded) - Recorded, Out-of-State
1	County of Residence (Mother)	Florida county of residence of the mother - Lists 67 counties (for 1989 forward)
2	Year of Birth	Year of birth (for 1989 forward)
3	Month and Year of Birth	Month and year of birth – Lists years and each individual month (for 1989 forward)

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	Variable	Description
4	Recorded County	Florida County where the birth occurred - Lists 67 counties (for 1989 forward)
5	Residence City	Mother's Residence city – Florida residents only (for 2004 forward) for <i>incorporated</i> cities of 2,400 or more population are reported. Others are included in 'balance of county'.
6	Resident Zip Code	Current residence zip code (for births it is the mother's current residence zip code as listed on birth certificate) - Florida residents only (for 1991 forward)
7	Resident Census Tract	Current residence census tract (for births it is the mother's current residence census tract as listed on birth certificate) - Florida residents only (for 1995 forward)
8	Infant Sex	Sex - Male, Female or Unknown (for 1989 forward)
9	Mother's Age	Age of mother at time of birth - grouped by 0-14, 15-17, 18-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45+, and unknown. The groups can be expanded to show single years of age (for 1989 forward)
10	Mother's Race (Birth Rates Section)	Mother's race: White, Black and Other (Black, Other), Unknown (for 1989 forward)
11	Race (Birth Counts Section)	Mother's race: White, Black and Other (Black, Other (American Indian, Chinese, Japanese, Hawaiian, Filipino, Korean, Other races, Vietnamese, Asian Indian, Asian Other, Guam, Samoan, Other Pacific Islander, More than one race)), Unknown (for 1989 forward)
12	Mother's Ethnicity (Birth Rates Section)	Hispanic, Non-Hispanic, Unknown (for 1989 forward)
13	Ethnicity (Birth Counts Section)	Mother's ethnicity: Hispanic (Mexican, Puerto Rican, Cuban, Central/South American, Other or Unknown Hispanic), Non-Hispanic (Non-Hispanic or Haitian), Unknown (for 1989 forward)
14	Mother's Education Level**	Mother's level of education at the time of birth - 8th grade or less, 9th-12th grade, No diploma, High school graduate or GED, Some college but no degree, Associate's Degree, Bachelor's Degree, Master's Degree, Doctorate Degree, Unknown (**for 2004 forward)
15	Mother's Marital Status	Marital Status of mother at time of birth - Married, Not married, other or unknown status (for 1989 forward)
16	Mother's Pre-pregnancy BMI	Pre-pregnancy body mass index (BMI) of mother - Underweight (<18.5), Normal Weight (18.5-24.9), Overweight (25.0-29.9), Obese I (30.0-34.9), Obese II (35.0-39.9), Obese III (BMI ≥40), Unknown BMI (for 2004 forward)
17	Mother's Smoking Status ***	Mother smoked during pregnancy - Yes, No, Yes, but quit during pregnancy, Unknown (**for 1989 forward)
18	Mother's WIC Participation	Mother received WIC food for herself during this pregnancy - Yes, No, Unknown (for 2004 forward)
19	Father on Certificate	The last name of the father of baby was listed on the birth certificate - Yes, No (for 2004 forward)
20	Mother Not Born in US	Yes (mother not born in US) No (mother born in US)

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	Variable	Description
		Unknown (mother's country of birth is unknown) (for 2004 forward)
21	Calculated Gestation	The infant's gestational age calculated based on date of last menstrual period (LMP) and the date of delivery (for 1989 forward)
22	Clinical Obstetric Estimate of Gestation	This is the birth attendant's estimate of the gestational age of the infant at the time of birth (for 1989 forward)
23	Birth Weight of Infant	Infant's birth weight in grams - Low birth weight <2500 grams (expands to - <1500 grams (expands to <500, 500-749, 750-999, 1000-1249, 1250-1499), 1500-2499 (expands to 1500-1999, 2000-2400)), 2500+ grams (expands to 2500-3999, 4000+), Unknown (for 1989 forward)
24	Trimester Prenatal Care Began	Trimester prenatal care began - 1st Trimester, 2nd Trimester, 3rd Trimester, No prenatal care, unknown prenatal care status (for 1989 forward)
25	Number of Prenatal Visits	Number of prenatal visits during this pregnancy - 0 visits, 1 visit, 2-7 visits, 8-15 visits, 16-24 visits, 25+ visits, Unknown visits (for 1989 forward)
26	Kotelchuck Prenatal Care Index*	The Kotelchuck Index uses the date prenatal care began and the number of prenatal visits to classify the adequacy of prenatal care into these groups: Inadequate prenatal care, Intermediate Prenatal Care, Adequate Prenatal Care, Adequate Plus Prenatal Care, Unknown (for 1989 forward)
27	Inter-pregnancy interval	Interval between births - , < 6 months, 6-11 months, 12-17 months, 18-23 months, 24-35 months, 36+ months, No prior pregnancies, Unknown (for 1989 forward)
28	Plurality	Plurality of birth - Singleton, Twins, Triplets, Quadruplets or more, Unknown (for 1989 forward)
29	Delivery Method	Final method of delivery for this birth - Vaginal (Vaginal, no prior c-section, Vaginal birth after c-section, Vaginal birth - unknown delivery history), C-Section (Primary C-section, Repeat C-section, C-section unknown delivery history), Unknown (for 1989 forward)
30	Delivery Payment Source	Payment source for delivery - Medicaid, Private Insurance, Self-pay, Other, Unknown (for 2004 forward)
31	High Risk Pregnancy	Mother had history of: gestational or prepregnancy diabetes, chronic or gestational hypertension, previous preterm delivery or other previous poor birth outcome - Yes, No (for 2004 forward)
32	Gravida	A count of all live births and other terminations of pregnancy, a mother has had. 1,2,3,4,5,6,7,8,9,10,11+, Unknown (for 1989 forward)
33	Breastfeeding Initiation	Infant was being breastfed at the time the birth certificate was completed - Yes, No, Unknown (for 2004 forward)
34	Birth Facility Type	Facility where birth occurred - Hospital, Freestanding birth center, Clinic or doctor's office, Home birth, En route or other place, Unknown (for 1989 forward)

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	Variable	Description
35	Birth Attendant	Attendant at Birth –Medical Doctor (MD), Doctor of Osteopathic Medicine (DO), Certified Nurse Midwife (CNM), Licensed Midwife (LM), Other, Unknown (for 1989 forward)
36	NICU Level III	Hospital where birth occurred was a Level III NICU (neonatal intensive care unit) Hospital - Yes, No (for 2004 forward)
37	Infant Transferred	Infant was transferred within 24 hours of delivery - Yes, No, Unknown (for 2004 forward)
38	Parity	A count of all previous live births (not including the current live birth) a mother has had. 0,1,2,3,4,5,6,7,8,9,10,11+, Unknown (for 1989 forward)

**Note: Data marked as provisional is subject to change and are updated weekly.**

**\* Less than adequate prenatal care (Kotelchuck Index)**

Measuring the adequacy of prenatal care depends on the length of gestation, which has been determined by various methods over time. Prior to 2004, gestation was estimated by a clinician at the time of birth. Between 2004 and 2014, it was calculated as the difference between the mother's last menses date and the infant's date of birth. Starting in 2015, the National Center for Health Statistics has established estimating gestation based on information collected by the obstetrician during pregnancy. These changes should be considered when evaluating the adequacy of prenatal care over time.

**\*\* Mother's Education Level**

The wording of the birth certificate changed in 2004. Prior to 2004, the highest grade level completed was listed on the certificate. The number of years ranged from 0 to 17, with 17 standing for 17 years or more, 99 represented unknown education. Starting in 2004, the question was changed to "What was highest educational degree achieved by mother?" The responses are: 1) 8<sup>th</sup> grade or less 2) 9<sup>th</sup>-12<sup>th</sup> grade; no diploma 3) high school graduate or GED 4) Some college but no degree 5) Associate's Degree (E.G., AA, AS) 6) Bachelor's Degree (E.G., BA, AB, BS) 7) Master's Degree (E.G., MA, MS) 8) Doctorate Degree (E.G., PHD, EDD) 9) Unknown. Because the data are not directly comparable between the previous and current question about mother's education, the data are provided only for 2004 forward.

**\*\*\* Mother's Smoking Status**

Prior to January 2011, Florida's question about smoking differed from the National Center for Health Statistics' recommend question. Additionally, the question changed over time. Prior to 2004, the choices were Yes, No or Unknown. Starting in 2004, the responses were changed to Yes, No, Yes, but quit during pregnancy, or Unknown. The data are presented by categories of response, but there are no "Yes, but quit during pregnancy" responses prior to 2004 since that was not an option. Due to these changes, data is not comparable across years or in relation to other states.