About the FLHealthCHARTS.gov Birth Query System

The Birth Query System provides counts and rates for Florida's resident and recorded births as reported to the Bureau of Vital Statistics on birth certificates. Provisional data is updated every day at approximately 5:00 a.m. When final data is published for the year, the term "provisional" is removed and that data will not change.

This system provides data from 1989 forward. Descriptions below include the changes to the types of data collected over time and the years of their availability. The data within this query system is sourced from the Florida Department of Health, Bureau of Vital Statistics.

Pivot Table Field List for Modifying and Creating Reports

Note: Expand the down arrow (V) symbol to view the options in the online system. Check the selection box to make it active.

Measures	Availability	Description
Recorded Births	Birth Counts	Number of infants born in Florida, regardless of the mothers' residence state. (recorded) (1989 forward)
Repeat Births to Teens	Birth Counts	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. (1989 forward)
Resident Births	Birth Counts Birth Counts	Number of infants born to mothers who were Florida residents at time of birth, regardless of state of birth. (1989 forward)
Resident Fetal Death plus Resident Live Births	Birth Counts	Number of fetal deaths (stillbirths) resulting in a baby born without signs of life after at least 20 weeks gestation and number of live births to mothers who were Florida residents at time of fetal death or live birth. (1989 forward)
Resident Birth Rate per 1,000 Total Population	Birth Rates	Number of births per 1,000 population, available for Birth Rates only. (1989 forward)
Resident Fertility Rate per 1,000 Female Population	Birth Rates	Number of resident births regardless of mother's age per 1,000 females ages 15-44, available for Birth Rates only. (1989 forward) When filtering for mother's age within the ages of 15-44, the fertility rate is the number of resident births in the selected age range per 1,000 female population within the selected age range. When filtering outside of the 15-44 age range, the denominator for the fertility rate will exclude ages 0-14 and 45+.

Row, Column and Filter Variables	Description
Note: Variables are found in both the count and rate query systems unless otherwise noted.	
Breastfeeding Initiation	Infant was being breastfed at the time the birth certificate was completed: • Yes • No • Unknown (2004 forward, prior to 2004 all are classified as unknown)
Father Listed on Certificate	The last name of the father of baby was listed on the birth certificate: • Yes • No (2004 forward, prior to 2004 all are classified as unknown)

Row, Column and Filter Variables	Description
High Risk Pregnancy	Mother had history of gestational or pre-pregnancy diabetes, chronic or gestational hypertension, previous preterm delivery or other previous poor birth outcome: • Yes • No • Unknown (2004 forward, prior to 2004 all are classified as unknown)
NICU Level III	Hospital where birth occurred was a Level III NICU (neonatal intensive care unit) hospital: • Yes • No • Unknown (2004 forward, prior to 2004 all are classified as unknown)
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 (less than 50% of expected visits) • Intermediate (50%-79%),3. Adequate (80%-109%), • Adequate Plus (110% or more). • Unknown (1989 forward) See Adequacy of Prenatal Care Utilization Index (Kottelchuck Index) note Beginning in April 2018, the percentage excludes from the denominator cases with unknown date prenatal care began or unknown number of prenatal visits.
Mother Not Born in US	Mother was born outside of the U.S. • Yes • No • Unknown (2004 forward, prior to 2004 all are classified as unknown) Yes means mother was not born in the US. No means mother was born in US.
Mother's Education Level	Mother's level of education at the time of birth grouped as follows: • <high school (expand to see 8th grade or less, 9th-12th grade no diploma) • High school graduate or higher (expand to see high school graduate or GED, some college but no degree, Associate's Degree, Bachelor's Degree, Master's Degree, Doctorate Degree) • Unknown (2004 forward, prior to 2004 all are classified as unknown See Mother's Education note. Beginning in April 2018, mothers with unknown education were excluded from the denominator in calculating the percentage.
Mother's Marital Status	Marital Status of mother at time of birth: • Married • Not married • Other or unknown status (1989 forward)
Mother's Pre-pregnancy BMI	Pre-pregnancy body mass index (BMI) of mother: • Underweight (<18.5) • Normal Weight (18.5-24.9) –healthy weight • Overweight (25.0-29.9) • Obese I (30.0-34.9) (A BMI of 30+ is obese) • Obese II (35.0-39.9) (A BMI of 30+ is obese) • Obese III (BMI >40) (A BMI of 30+ is obese) • Unknown BMI (2004 forward, prior to 2004 all are classified as unknown)

Row, Column and Filter Variables	Description
	Beginning in April 2018, mothers with unknown pre pregnancy weight or height were excluded from the denominator in calculating the percentage
Mother's WIC Participation	Mother received WIC food for herself during this pregnancy: • Yes • No • Unknown (2004 forward)
Mother's Smoking Status	Mother smoked during pregnancy: • Yes • No • Yes, but quit during pregnancy • Unknown (1989 forward) See Mother's Smoking Status note
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 (1989 forward)
Plurality	Plurality of birth: • Singleton • Twins • Triplets • Quadruplets or more, • Unknown (1989 forward)
Trimester Prenatal Care Began	Trimester prenatal care began: • 1st Trimester • 2nd Trimester • 3rd Trimester • No prenatal care • Unknown prenatal care status (1989 forward). Beginning in April 2018, mothers with unknown prenatal care were excluded from the denominator in calculating the percentage.
Mother's Age	Age of mother at time of birth: Grouped as follows: • 0-14 • 15-44 • 45+ • Unknown. Groups can be expanded to show single years of age. (for 1989 forward)
Birth Attendant	Attendant at Birth: • Medical Doctor (MD) • Doctor of Osteopathic Medicine (DO) • Certified Nurse Midwife (CNM) • Licensed Midwife (LM) • Other, Unknown

Row, Column and Filter Variables	Description
	(1989 forward)
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 birth unknown delivery history) • Unknown (1989 forward)
Delivery Payment Source	Payment source for delivery: • Medicaid • Private Insurance • Self-pay • Other • Unknown (2004 forward) Starting April 2018, mothers with unknown payment source were excluded from the denominator in calculating the percentage.
Birth Facility Type	Facility where birth occurred: • Hospital • Freestanding birth center • Clinic or doctor's office • Home birth • En route or other place • Unknown (1989 forward)
Infant Transferred	Infant was transferred to another facility within 24 hours of delivery: • Yes • No • Unknown (2004 forward)
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 (1989 forward) An interval of <18 months is considered undesirable in terms of the mother's health and optimal outcome for the infant.
Birth Weight of Infant	Infant's birth weight in grams: • <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 (1989 forward)
Obstetric Estimate of Gestation	Clinical obstetric estimate of gestation in weeks:

Row, Column and Filter Variables	Description
	The birth attendant's estimate of the gestational age of the infant at the time of birth. Grouped as follows: • <32 (<21, 21-23, 24-25, 26-27,28-29,30-31) and can also be expanded to display individual weeks starting with week 21. Note: Very Pre-term Births are defined as an obstetric estimate of gestational age <32 weeks) • 32-36 (32-33, 34-36) and can also be expanded to display individual weeks. • 37+ (37-28, 39-40, 41-42, 43+) and can also be expanded to display individual weeks to 43+. • Unknown weeks (1989 forward)
Month of Birth	Month of birth grouped by calendar year, available for birth counts only (1989 forward)
Mother's Ethnicity	Mother's ethnicity: Birth Counts Section grouped as follows: • Hispanic (Central/South American, Cuban, Mexican, Other or Unknown Hispanic, Puerto Rican) • Non-Hispanic (Haitian, Non-Hispanic) • Unknown Birth Rates Section grouped as follows: • Hispanic • Non-Hispanic • Unknown (1989 forward)
Mother's Race	Mother's race: Birth Counts Section grouped as follows: • White • Black • Other (can be further expanded to American Indian, Chinese, Japanese, Hawaiian, Filipino, Korean, Other races, Vietnamese, Asian Indian, Asian Other, Guam, Samoan, Other Pacific Islander, More than one race) • Unknown Birth Rates Section grouped as follows: • White • Black and Other (Black, Other) • Unknown (1989 forward)
Deliveries	A count of all live births or other pregnancy outcomes a mother has had, including the current live birth or fetal death. If a pregnancy resulted in multiple live births, each live birth is counted separately (i.e. twins will count as two live births, triplets will count as three live births, etc.): • 1 • 2 • 3 • 4 • 5 • 6 • 7 • 8 • 9 • 10 • 11+ • Unknown (1989 forward)

Row, Column and Filter Variables	Description
Recorded County	Florida County where the birth occurred – Lists all 67 counties (1989 forward)
Previous Live Births	A count of all previous live births a mother has had, not including the current birth or any fetal deaths. If a pregnancy resulted in multiple live births, each live birth is counted separately (i.e. twins will count as two live births, triplets will count as three live births, etc.): • 0 • 1 • 2 • 3 • 4 • 5 • 6 • 7 • 8 • 9 • 10 • 11+ • Unknown (1989 forward)
Residence Census Tract (Birth Count Query only)	Residence census tracts are presented based on the mother's residence census tract for the address listed on birth certificate. Florida residents only (1995 forward for final data. Census tracts are not available for provisional years of data.) Census tracts are presented first by county which should be expanded to show census tracts. Data are available for 1995 forward for final data. Census tracts are not available for provisional data. Data in this application are mapped to the US Census Bureau's census tracts and are displayed according to the years listed below. If census tracts persist from one period to another, those tracts will be repeated over multiple rows. 1995-2006: US Census Bureau's 2000 Census Tracts 2007-2019: US Census Bureau's 2010 Census Tracts 2020 forward: US Census Bureau's 2020 Census Tracts The link below provides a census tract and related demographic information based on a street address: https://geomap.ffiec.gov/FFIECGeocMap/GeocodeMap1.aspx
Residence City (Birth Count Query only)	Mother's residence city Reported for incorporated cities of 2,400 or more population. Others are included in 'balance of county'. Data is grouped by county. Florida residents only (2004 forward)
County of Residence (Mother)	Florida county of residence of the mother Lists all 67 counties (1989 forward)
Resident Zip Code (Birth Count Query only)	Current residence zip code (for births it is the mother's current residence zip code as listed on birth certificate) - Florida residents only, initially presented by county. (for 1991 forward)
Sex	Sex of the infant • Female • Male

Row, Column and Filter Variables	Description
	• Unknown (1989 forward)
Year of Birth	Year of birth (1989 forward)

Notes:

Adequacy of Prenatal Care Utilization (APNCU) Index (Kotelchuck Index)
The Kotelchuck Index, also called the Adequacy of Prenatal Care Utilization (APNCU) Index, uses two crucial elements obtained from birth certificate data: when prenatal care began (initiation) and the number of prenatal visits from when prenatal care began until delivery (received services). The Kotelchuck index classifies the adequacy of initiation as follows: pregnancy months 1 and 2, months 3 and 4, months 5 and 6, and months 7 to 9, with the underlying assumption that the earlier prenatal care begins the better. To classify the adequacy of received services, the number of prenatal visits is compared to the expected number of visits for the period between when care began and the delivery date. The expected number of visits is based on the American College of Obstetricians and Gynecologists prenatal care standards for uncomplicated pregnancies and is adjusted for the gestational age when care began and for the gestational age at delivery. A ratio of observed to expected visits is calculated and grouped into four categories indicated below.
1. Inadequate (received less than 50% of expected visits)
2. Intermediate (50%-79%)
3. Adequate (80%-109%)
4. Adequate Plus (110% or more)

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) 8th grade or less 2) 9th-12th 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.

Special Reports: The special report called "Repeat Births to teens by County of Residence (Mother) by Year of Birth" includes both resident and recorded events.

Changes and Updates:

May 22, 2023	Added a description of census tracts used by year of data.
March 19, 2024	Added clarification that counts but not rates are provided by census tract.
July 23, 2024	Updated terminology and descriptions for Parity and Gravida to more accurately describe the data displayed. Parity was renamed as Previous Live Births and Gravida was renamed as Deliveries.