



## US Births 🧑 by Year, State, and Education Level

Births in the US by year, state, and education level of the mother: 2016-2021

### About Dataset

#### Introduction

This dataset provides birth rates and related data across the 50 states and DC from 2016 to 2021. The data was sourced from the Centers for Disease Control and Prevention (CDC) and includes detailed information such as number of births, gender, birth weight, state, and year of the delivery. A particular emphasis is given to detailed information on the mother's educational level. With this dataset, one can, for example, examine trends and patterns in birth rates across different academic groups and geographic locations.

#### Important Note

Each row in the dataset is considered a category defined by the state, birth year, baby's gender, and educational level of the mother. Three quantities are given for each category: number of births, mother's average age, and average baby weight. The CDC is sensitive to potentially disclosing personal information, so any category with less than ten births is suppressed. For this reason, you will find 12 rows missing out of an expected 5,508

$$51 \text{ states} * 6 \text{ years} * 2 \text{ genders} * 9 \text{ edu levels} = 5,508$$

Those missing rows all had the mother's educational level listed as "unknown or not stated" and their absence should not significantly impact studies or conclusions made using the dataset.

#### Origin

The data in this dataset was obtained using CDC's WONDER retrieval tool on the [CDC Natality](#) page

#### Column Descriptions

**State** ➡ state name in full (includes District of Columbia)

**State Abbreviation** ➡ 2-character state abbreviation

**Year** ➡ 4-digit year

**Gender** ➡ Gender of baby

**Education Level of Mother** → See table below

**Education Level Code** → See table below

**Number of Births** → Number of births for the category

**Average Age of Mother (years)** → Mother's average age in the category

**Average Birth Weight (g)** → Average birth weight in the category

#### Education levels and codes used in dataset

Code	Mother's Education Level
1	8th grade or less
2	9th through 12th grade with no diploma
3	High school graduate or GED completed
4	Some college credit, but not a degree
5	Associate degree (AA, AS)
6	Bachelor's degree (BA, AB, BS)
7	Master's degree (MA, MS, MEng, MEd, MSW, MBA)
8	Doctorate (PhD, EdD) or Professional Degree (MD, DDS, DVM, LLB, JD)
-9	Unknown or Not Stated

**NB: Generate your own insights.**

Good luck.

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