

Answer each question completely but briefly. Edit to be as complete and concise as possible, in the fewest words possible (the standard scientific writing style is densely packed). Bullet lists, etc. are welcome. Also insert copy-pasted results from R, including table results and graphs.

All questions are based on the Social Security Administration's data base on baby names that we used in class.

Nine questions: 1 point per question + 1 point for:

- overall clarity of presentation,
- complete answers with evidence to back them,
- your name on the submitted results,
- and a pdf as the submitted format.

1. What was the most popular boy's baby name in 1970?
2. What was the most popular girl's baby name in 1970?
3. What was the most popular boy's baby name in 2000?
4. What was the most popular girl's baby name in 2000?
5. Every 3rd guy in America once seemed to be named David. What year would it have been best to make that guess?
6. Some people used to name their children after saints (and may still), so a leading girl's name was Mary *or its variant* Maria. When did those names peak in the US?

The "Millenials" are often defined as those born between ~1985 and ~2005; we'll use those years.

7. What are the top three most popular millenial girl's names?
8. Which state has the most of the top-ranked millenial girl's name, as a percentage of all girls in a state?
9. Ditto for the boys – Which state has the most of the top-ranked millenial boy's name, as a percentage of all boys per state?