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Population Growth

Have you ever stopped and wondered how many people there are? Well, there are a lot! While people called **Demographers** try to find out how many people there are, they face a huge dilemma, how to actually count them? There are ways to count them, some easy, and some not so easy.

Birth and Death Rate

One of the things that make it difficult is that people are constantly dying, and babies are constantly being born. In the United States, a baby is born every *seven seconds* and a person dies every *12 seconds*. Obviously the population has grown, but have you stopped to think about how fast it is growing? The chart that follows gives a really good idea!



United States Population Rates				
	Births		Deaths	Difference
Hour	514		300	Formula
Day	12,343		7,200	Formula
Week	86,400		50,400	Formula
Month	345,600		201,600	Formula
Year	4,147,200		2,419,200	Formula



US Population. When our nation was founded and the Constitution written, the government was charged with counting the people. The first ever **Census**, or counting of the people, occurred in 1790. Our population was 3,929,214. You can see by the following chart that our nation has been steadily growing over the years. The first row

represents the year the census was taken and the second row was the population. The third row represents the growth for fifty years.

1800	1850	1900	1950	2000	2012
5,236,631	23,191,876	76,212,168	151,325,798	281,421,905	317,007,325
Difference	Formula	Formula	Formula	Formula	Formula

Demographers also note that between 1800 and 1900 the average family size declined from seven children per family down to three and a half children per family. In 1900, six to nine of every thousand women died in child birth, and one in five children died during the first five years of life. Today the average number of children in a family has not changed very much, but the number of children who survive to the age of five has increased significantly.

Write a short paragraph about how large your family is and why you think your parents had as many children as they do, and, do you think they will have any more children? Tell me how many children you think you want when you get married and explain why you want that many.

Nessen, Jacobi R. "The American Family." Rupert: Wall Publishing, 2013: Pages 22-39. www.census.gov and www.cdg.gov.

Document: Arial 12 for the entire document. Justify the paragraphs.

Spreadsheets: For the first spreadsheet, everything is Calibri 12 while the heading is size 16 and bold. The column widths are 10 and 2. I want commas in the numbers but no decimal places. Shade them appropriate colors.

For the second spreadsheet, use Calibri 12 for everything. All the columns are 12 wide. Bold the first and third rows. Turn on commas but no decimal places.

Pictures: For the baby, the search topic is simply "baby" and "headstone." You do not need to use the exact picture, a similar one is fine. For size, make them an appropriate size.