Current World Population and World Population Growth since the Year One

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The world population has grown tremendously over the past two thousand years. In 1999, the world population passed the six billion mark. Latest official current world population estimate, for mid-year 2013, is estimated at **7,095,217,980**. The chart below shows past world population data back to the year one and future world population projections through the year 2083.

**World Population Growth**

|  |  |
| --- | --- |
| Year | Population (billions) |
| 1 | .200 |
| 1000 | .275 |
| 1500 | .450 |
| 1650 | .500 |
| 1750 | .700 |
| 1804 | 1 |
| 1850 | 1.2 |
| 1900 | 1.6 |
| 1927 | 2 |
| 1950 | 2.55 |
| 1955 | 2.8 |
| 1960 | 3 |
| 1965 | 3.3 |
| 1970 | 3.7 |
| 1975 | 4 |
| 1980 | 4.5 |
| 1985 | 4.85 |
| 1990 | 5.3 |
| 1995 | 5.7 |
| 1999 | 6 |
| 2006 | 6.5 |
| 2009 | 6.8 |
| 2011 | 7 |

**Projected population growth:**

|  |  |
| --- | --- |
| *2025* | *8 billion* |
| *2043* | *9 billion* |
| *2083* | *10 billion* |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Mexico** | **USA** | **Japan** | **Pakistan** |
| **1950** | 28296 | 151,861 | 82,900 | 37,547 |
| **1955** | 32,906 | 163,476 | 89,020 | 41,109 |
| **1960** | 38,677 | 179,979 | 94,094 | 45,920 |
| **1965** | 45,339 | 193,526 | 98,883 | 51,993 |
| **1970** | 52,988 | 203,984 | 104,345 | 59,383 |
| **1975** | 61,708 | 215,465 | 111,573 | 68,483 |
| **1980** | 70,353 | 227,225 | 116,807 | 80,493 |
| **1985** | 77,859 | 237,924 | 120,837 | 95,470 |
| **1990** | 86,077 | 249,623 | 123,478 | 111,845 |
| **1995** | 95,393 | 266,278 | 125,472 | 127,347 |
| **2000** | 103,874 | 282,172 | 126,843 | 144,522 |
| **2005** | 110,732 | 295,753 | 127,760 | 158,645 |
| **2010** | 117,886 | 309,330 | 127,430 | 173,593 |

**Your Assignment: Plot the data (above) to make a line graph in an excel spreadsheet**

1. Your Y axis (bottom to top) will measure the population level (number of people)
2. Your X axis (left to right on bottom) will measure time (dates)
3. Give the projected (future) data a different color
4. Now make a graph comparing population growth in several different countries (chart below):
5. Place both charts in a Microsoft word document.
6. Write a paragraph describing your charts in Microsoft word:

**Sentence 1:** Introduce your topic. What are you going to be writing about? World population

**Sentence 2:** Define your topic. Tell the reader what the topic is. Counting the number of people

**Sentence 3**: Give an example or a detail about your topic and explain why it is important (you might need 2 sentences): Describe why studying population is important

**Sentence 4:** Give another example or detail about your topic and explain why it is important (you might need 2 sentences) Describe your first graph

**Sentence 5:** Give another example or detail about your topic and explain why it is important (you might need 2 sentences. Describe your second graph

**Rubric**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Criteria** | **Fantastic, professional** | **What I asked for** | **Needs help** | **Needs an effort** |
| **Graphs** | X, Y axis properly placed and identified. All elements labeled. Changes to graph makes information easy to interpret | X, Y axis properly placed and identified. All elements labeled | X, Y axis properly placed. All elements not labeled | X, Y axis not properly placed. Elements missing or incomplete |
| **Writing** | Introduces the topic, defines the topic and describes the topic with vivid descriptive language and smooth transitions | Introduces the topic, defines the topic and describes the topic | The writing describes the topic but not in an organized way | The writing is disorganized or incomplete |
| **Mechanics** | The graphs a well-placed and the writing is organized into paragraphs with only 1 or two mechanical errors.  | The graphs are well placed and the writing is organized into paragraphs with frequent mechanical errors | The graphs are not well placed. The writing is incorrectly organized into paragraphs. Frequent mechanical errors | Numerous errors in spelling, grammar, and organization  |
|  |  |  |  |  |