

Assignment 2: Population (Video assignment):

*This assignment has 2 videos (YouTube the titles). My advice is to watch the videos 1-2 times without pausing, just take them in. Then when you go to answer the questions you watch a 3rd time, pausing to get the answers down.

Video 1: 7 Billion – National Geographic Magazine:

<http://www.youtube.com/watch?v=sc4HxPxNrZ0>

Questions:

1.) The video lists the population of Earth as approximately 1 billion in the year 1800, which means it took the earth almost 12,000 years (starting with the first civilizations 10,000 years ago) of human habitation to reach 1 billion. Describe how many years from 1800 it took to reach each of the following milestones:

2 billion

3 billion

4 billion

5 billion

6 billion

7 billion

2.) Why do you think that there has been such quick population growth in the last 230 years?

3.) By how much did life expectancy increase between 1960 and 2010? Why.

4.) The video discusses the rise in urbanization (living in cities) among the human population. How does it define a megacity? How many Megacities are there currently?

5.) One of the more interesting parts of the video describes space - according to the video, if all the people on earth stood shoulder to shoulder, what us city would we all fit into?

6.) So then what, according to the video, are some problems facing the world due to having 7 billion people?

***Supplemental article** – you don't have to read, but it is a good supplement – plus it has good pictures in photo gallery (left side of screen).

“The City Solution” <http://ngm.nationalgeographic.com/2011/12/city-solutions/kunzig-text/2>

Video 2: National Geographic – Are You Typical?

<https://www.youtube.com/watch?v=4B2xOvKFFz4>

- 1.) Describe all of the physical and cultural characteristics of the world's most typical person
- 2.) By 2030, from what country will the world's most typical person come from?
- 3.) The video also talks about life expectancy - specifically now a woman in Japan will live on average 86 years, while the life expectancy for an afghan woman is 45 (41 year difference)! Why do you think that there is such a difference in the life expectancy of women based on geographic differences?

Supplemental Article – you don't have to read, but a good follow up – also good pictures “7 Billion”

<http://ngm.nationalgeographic.com/2011/01/seven-billion/kunzig-text>