



Objectives

The Student will be able to...

- 1. Define and explain overpopulation
- 2. Define and explain the census
- Identify the two basic properties geographers use to understand the world's population
- 4. Define a Cartogram
- Analyze the distribution of the world's population with a cartogram



Population and Health

Why geographers study population





Overpopulation

- Definition: The number of people exceeds the capacity of the environment to support life at a decent standard of living.
- The world may already be overburdened with too many people

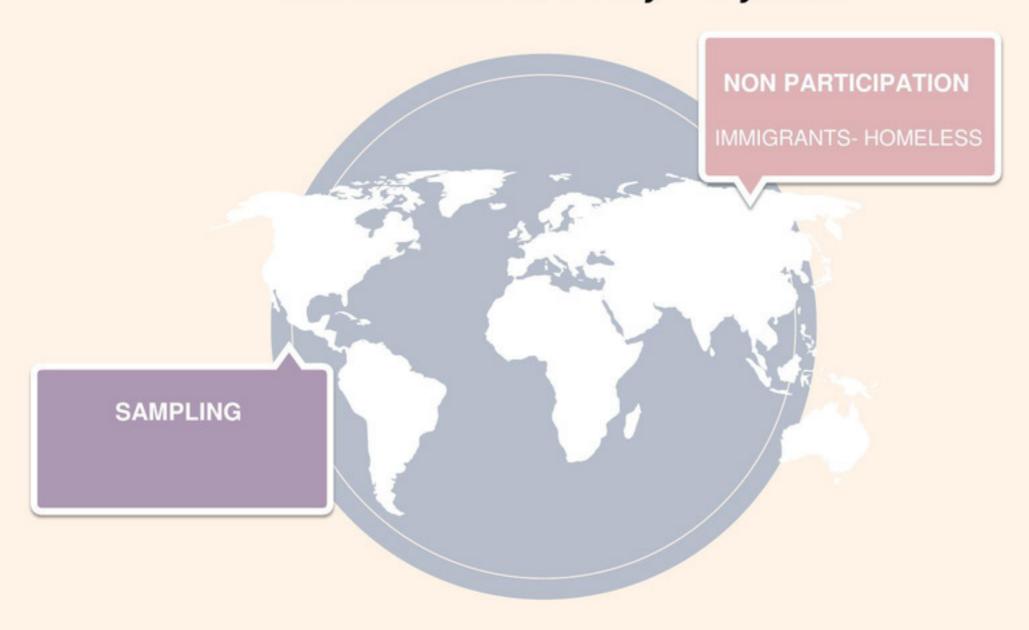


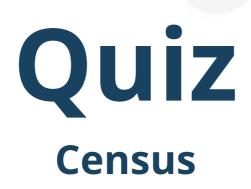
Which of the following is the definition of overpopulation?

- It occurs when people move from one place to another rapidly.
- It is the data that we gather to determine how many people are in a certain place
- It occurs when there are more people than there are resources to support them
- It occurs when too many people are living in one place

Census

Single most important data source for population geography
US Census is every 10 years





How often does the census in the United States take place?

- Every 20 years with years ending in zero
- Every 10 years with years ending in five
- Every 5 years with years ending in five
- Every 10 years with years ending in zero

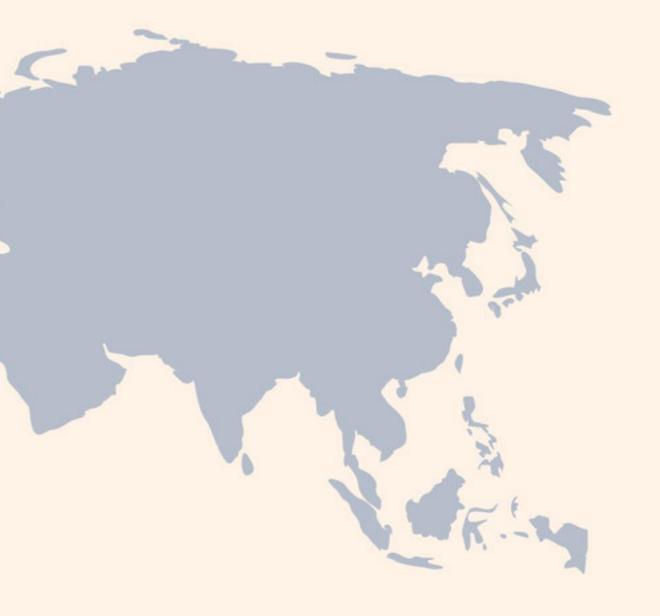
Which of the following are reasons why the census in controversial?

- Homeless, minorities, and others are less likely to take part because they might not have proper documents
- Fear of deportation or FBI arrest
- Statistical sampling is opposed by the Supreme Court but supported by politicians
- All of the above
- None of the above

Distribution of the World's People

Basic Properties

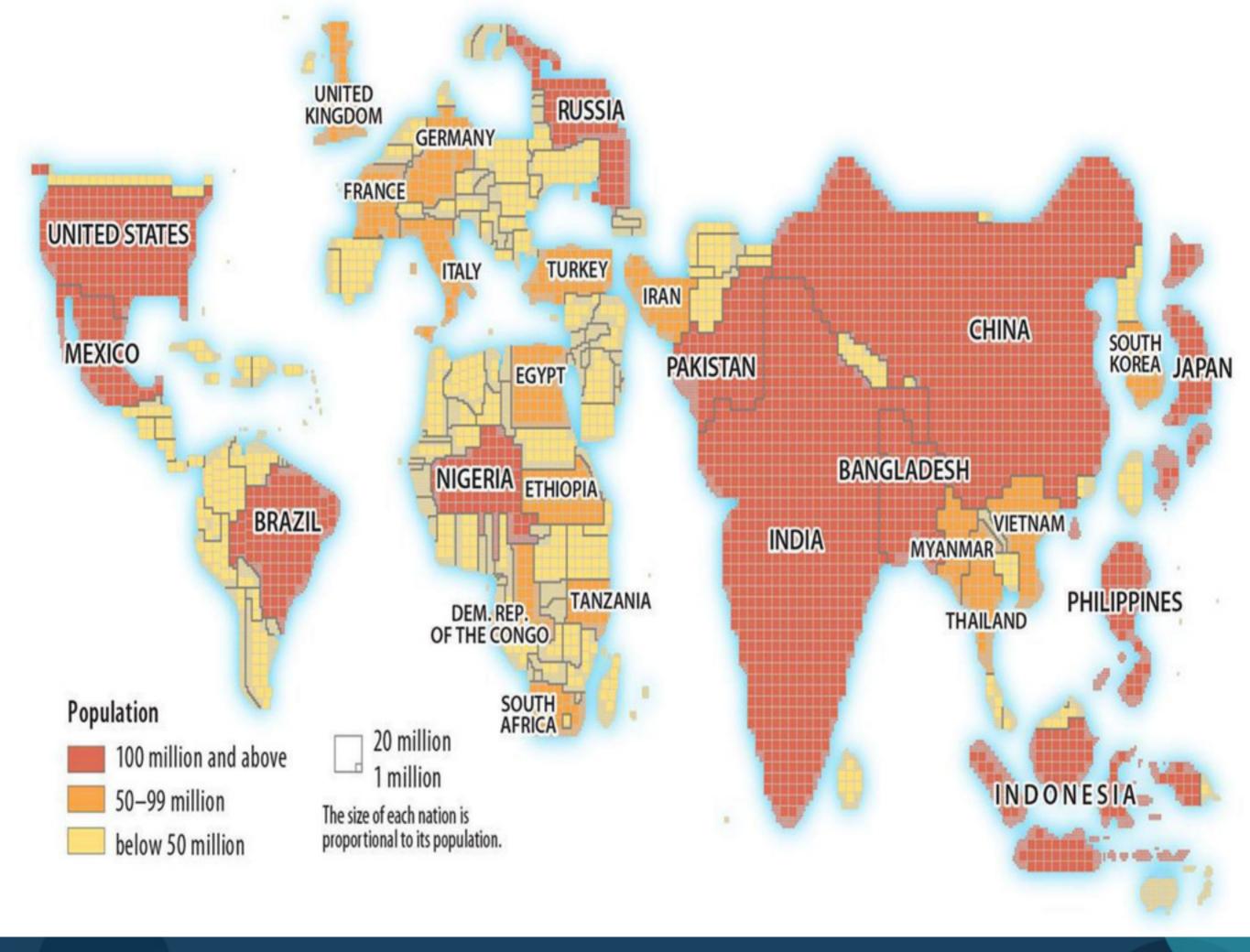
- Concentration
- Density
 Study regions that are clustered and sparse





Cartogram

- Displays the concentration
- The countries are resized based on the population instead of land area
- Major population clusters are displayed much larger



Quiz

Distribution of the World's People

Which two basic properties are used by geographers to understand how the world's population is distributed?

- Space, Location
- Concentration, Space
- Concentration, Density
- Density, Location

Which word correctly identifies the frequency with which something occurs in space?

- Concentration
- Space
- Density

Which word correctly defines the extent of a feature's spread over space?

- Location
- Space
- Density
- Concentration

How many portions equaling 1 billion people can the earth be divided into to determine the concentration of the world's population?



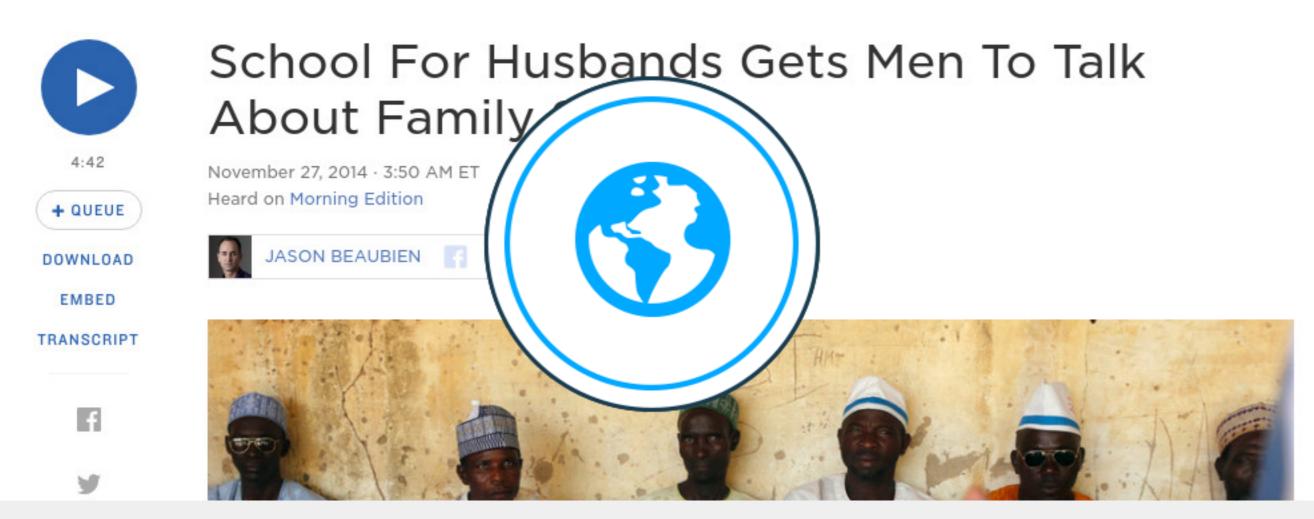
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What is a cartogram?

- A map that depicts the density according to the population rather than land area
- A map that depicts the overpopulation according to density rather than land area
- A map that depicts concentration according to population rather than land area.



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