

**Chapter 7****HUMAN POPULATION**

---

**OVERVIEW:** 'Population principles' can be applied to the human population. However, the global human population cannot be considered as a homogeneous grouping due to ecological, cultural and other differences, all of which influence human demand upon resources.

**STRATEGY:** As you read Chapter 7, pages 135-142, you will encounter factors that influence the present and future growth and quality of the human population. Peruse Chapter 8 in sufficient detail so you can understand and discuss the points made in Section 8-K, pages 156-158, which emphasizes that humans face different climatic and biological limitations depending upon the biome in which they reside.

**VOCABULARY:** Define each of the following accurately in your own words:

total fertility rate (TFR)	age structure
replacement level fertility (RLF)	biome
more developed country (MDC)	per capita consumption
less developed country (LDC)	

**LEARNING GOALS:**

1. Explain how the Scriptural principle of FRUITFULNESS is evidenced in the growth of populations, including the human population.
2. What is the current estimate of the human population size? Describe the trend of human population growth during the 20<sup>th</sup> century.
3. State two notable current considerations regarding human population trends? Why are/aren't you concerned?
4. The world human population has been arbitrarily divided into two broad groupings. What are they, and how does this division help/detract from your analysis of the concerns about world population?
5. What two aspects of resources appear to be unevenly distributed between the two groupings in #4?
6. What consideration must be raised to anyone who equates depletion with global resources with increased numbers of people on Earth – *i.e.* POPULATION = DEMAND?
7. Suggest a strategy that would address one or more of the human population concerns.

**APPLICATION:** Many who oppose abortion also oppose efforts to introduce family planning and population control in nations where the human population appears to be exceeding the supply of resources. How would you address these two issues--abortion and environmental deterioration?

**INTERNET:** See "BIO 100 Web Links" Page, and click on 'Population Data Sheet' under Assignment #13.

LECTURE EMPHASIS will be upon the following topics:

- A. Scriptural basis for discussion of human population growth and related concerns
- B. Factors influencing human population growth
- C. Considerations in dealing with the issue of human population growth
  - 1. Spiritual
  - 2. Scientific (i.e. ecological)
  - 3. Economic
  - 4. Political