

**Chapter
2**

**Demography at Different Scales,
Times, and Places**

Population Geography 2

Note: all of the following information in addition to your reading is important.

Why do Populations Rise or Fall in Particular Places?

**This section is NOT in your text*

- Who published *The Conditions of Agricultural Growth* in 1965? _____
- The major elements of the "Boserupian" theory:
 - Population growth stimulates _____ in agricultural development
 - More realistic to view population growth as a stimulant of agricultural _____ ... rather than being increased by agricultural _____ (Malthus reversed)
 - One major deficiency is that intensification of agriculture in an area can lead to the _____ of nutrients in the soil, and the consequent reduction in the amount of _____ produced (diminishing returns).
- Who published *The Ultimate Resource* in 1981? _____
- The major elements of the "_____ " theory:
 - There is no _____ crisis (e.g., food, oil, etc.).
 - As a particular resource becomes scarcer, its _____ rises, creating more incentive for people to discover more of the resource, _____ it, and/or eventually develop _____.
 - _____ motives may also promote further innovation.
 - The "ultimate resource" is the capacity for _____ to invent and adapt.



Population Growth at World, Regional, National, and Local Scales

- Define: natural increase - _____
- Briefly summarize the growth rates of the following regions (you may refer to Figure 2.7 to aid in your analysis):
 - North Africa and Southwest Asia - _____
 - South Asia - _____
 - South America - _____
 - Sub-Saharan Africa - _____

- Briefly summarize the growth rates (continued):
- “Economically wealthier areas” - _____
- _____
- _____
- Define: total fertility rate - _____
- _____
- _____
- Briefly discuss why replacement level is at 2.1 - _____
- _____
- _____
- Define: old-age dependency ratio - _____
- _____
- _____
- Briefly discuss its impact in ONE county - _____
- _____
- _____
- Define: child dependency ratio - _____
- _____
- _____
- Briefly discuss its impact in ONE county - _____
- _____
- _____
- Define: doubling time - _____
- _____

* The formula to determine this number is roughly $70 / \text{rate of natural increase}$ (this number reflects the current *trend*; it is not necessarily an accurate prediction).

Example (2014)	Rate of Natural Increase (RNI)	Doubling Time (Years)
United States	0.50	
Ireland	1.00	
Laos	2.00	
The Gambia	3.50	

- Define: zero population growth - _____
- _____
- List [what you think are the] THREE most important factors in determining variations in growth rates around the world - _____
- _____
- _____
- Briefly describe the varying growth rates in India - _____
- _____
- _____