

Chapter 11 Objectives: "Population Dynamics: Influencing Population Size "

1. Define *birth rate*, *death rate*, *emigration rate*, and *immigration rate*.
2. Write an equation to mathematically describe the relationship between these rates and the rate of population change.
3. Distinguish between *replacement-level fertility* and *total fertility rate (TFR)*.
4. Describe how total fertility rate affects population growth.
5. List factors that affect birth and fertility rates and death rate.
6. Summarize changes over time in the U.S. population growth rate.
7. Explain the connection between *population growth* and *environmental degradation*.
8. Define *infant mortality rate*, explain why it is considered a good *indicator of quality of life*.
9. Give reasons for the differences in population growth rates between developed and developing countries.
10. Using population age structure diagrams, explain how the age structure of a country creates *population growth momentum*.
11. Summarize problems associated with a baby boom and a declining population.
12. Summarize how the following influence population size: *immigration policy*, *family planning*, *economic rewards and penalties*, *empowerment (education and job opportunities) of women*.
13. Summarize key findings of the new *Limits of Growth* computer model.
14. List and describe the four phases of the *demographic transition*.
15. Compare and evaluate the population policies of India and China.
16. Summarize what we have learned from decades of trying to influence human population growth.