

**POPULATION PYRAMIDS:  
ANALYSIS AND INTERPRETATION**

1. Refer to the International Data Base of the U.S. Census Bureau at the following website: <http://www.census.gov/ipc/www/idb/informationGateway.php>
2. Select one developed country and one developing country in the year 2013 for analysis, and print out its population pyramid.
3. Describe the shape of each population pyramid by comparing their base, mid, and top sections.
4. For each country, describe how population growth and demographic indicators are illustrated on its population pyramid.

Refer to the pyramid data tables to answer questions 5, 6 and 7:

5.
  - a) Calculate the percentage of the population under 15 yrs of age in each population pyramid. Which country has a higher birth rate?
  - b) What impact would a high population of children have on the economy and social programs of these countries?
  - c) Which country has a relatively low birth rate?
  - d) What impact would a low population of children have on the economy and social programs now and in the future?
6.
  - a) Calculate the percentage of the female population that is of child-bearing age (15-49 yrs) in each population pyramid.
  - b) In which country would you expect the population to decline in 20 years as children reach adulthood? Why?
7.
  - a) Calculate the percentage of the population over 65yrs in each population pyramid.
  - b) Add the percentage of population over 65 to the percentage of population under 15 to determine the dependency load for each country.
  - c) Which country has a larger proportion of dependants?
  - d) What are the social economic implications for each?
8. Identify the stage in the demographic transition model for each population pyramid and outline the factors that explain their transition through the model.