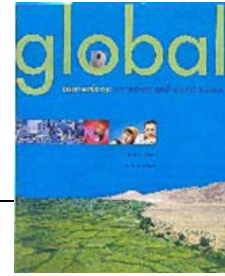


Demographics



1. Read Chapter 4 in *Global Connections*. As always, check your understanding of this topic by defining the terms in **bold letters** that appear throughout the chapter. **Especially focus in on the demographic terms listed on pages 55-57.** It is important to understand these terms in order to utilize them correctly throughout this unit of the course. If you would like an official definition for each term, they are listed in the glossary at the back of the textbook.
2. To ensure understanding of the demographic terms identified in question 1 above, write a word equation for each of the following terms.

e.g., **Birth rate** = births ÷ population x 1000

- Death rate
- Dependency load
- Emigration rate
- Immigration rate
- Infant mortality rate
- Natural increase rate
- Net migration rate
- Population growth rate

Age Group	Male %	Female %
0-4	3.1	3.0
5-9	3.0	2.9
10-14	3.3	3.2
15-19	4.3	4.1
20-24	3.7	3.5
25-29	3.3	3.2
30-34	3.1	3.0
35-39	3.9	3.9
40-44	4.0	4.0
45-49	3.3	3.4
50-54	2.9	3.2
55-59	2.4	3.0
60-64	2.4	3.0
65-69	2.1	2.9
70-74	1.6	2.6
75-79	0.7	1.2
80+	0.9	1.9

3. Create a population pyramid for the data provided in the table to the right. What population characteristics are revealed about this country?
4. A country had a population of 31 850 000 at the beginning of the year. During the year, the following changes occurred in the population:
 - 1 038 000 babies were born
 - 594 000 people died
 - 86 000 people emigrated
 - 53 000 people immigrated
 - 93 000 babies died during the year
 - 9 159 000 women were aged from 15 to 45

Calculate the following values:

- the population at the end of the year
- the birth rate
- the death rate
- the emigration rate
- the immigration rate
- the natural increase rate
- the net migration rate
- the population growth rate
- the infant mortality rate
- the total fertility rate