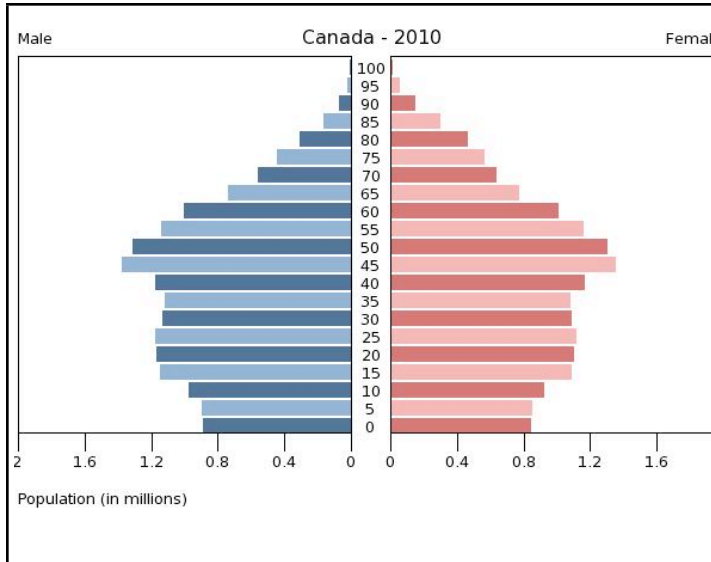


## 2B: Working with Demographic Data



### Lesson Focus Question

- Using a variety of tools, what is the significance of changes in population for Canada and the world?

**Main Reference** Cranny, M., Moles, G. (2010). *Counterpoints: Exploring Canadian Issues*. Toronto: Pearson.

**Reading:** Ch. 11 p. 365-367, 371-377 (try a quick read thru first)

**Teacher Presentation:** Keynote 1

**Image:** Population Pyramid for Canada, 2010

**Source:** <http://www.smeurrens.com/tag/immigration/>

### Vocab

Provide a brief definition and/or example for the following terms & ideas:

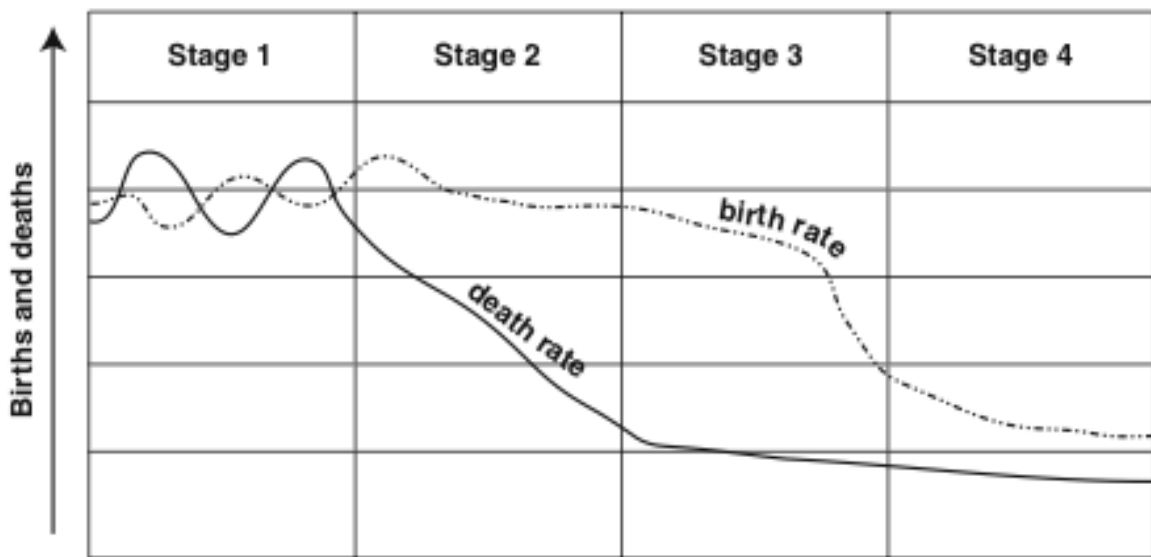
- life expectancy
- industrialization
- urbanization
- mortality
- dependency ratio

### Questions

- Examine Figure 11-12 on p. 365.** Why has there been a dramatic increase in life expectancy in these countries?
- What are some assumptions of the demographic transition model? (p. 366)

3. **Examine Figure 11-13 on p. 366.** Read this model until you understand it. You can reproduce it below if you wish, although it probably isn't necessary. There are many important concepts "hidden" in the chart. Be familiar with the reasons for each stage occurring. Ask why the example countries are placed where they are. Test your "reading" with these questions.

- What kind of societies would fit into Stage 1?
- Using inference from the model, compare Kenya with Austria.
- What is the relationship between historical time and population growth?
- notes on the DTM -- the Demographic Transition Model -- teacher presentation will help with this



I

II

III

IV

(Stage V is just an advanced phase of Stage IV)

4. CHALLENGE: Try questions 1-3 for **Figure 11-14** on p. 367

5. OPTIONAL: Try **Practice Questions** 2, 3, 4 from p. 367

6. Population Profile (p. 371-372). **Draw** the basic shape (pyramid model or sample pyramid) for the following stages of population development:

Early Expanding (DTM Stage 1-2)

Expanding (DTM Stage 2-3)

Stable (DTM Stage 4)

Contracting (DTM Stage 5)

7. How does Canada's **dependency load** compare with Bangladesh (p. 373)

8. Try **Practice Questions** 1-4 and 6 from p. 374

9. Try **Practice Questions** 1-3 from p. 377

**Other notes (e.g. from teacher presentation or the World in Balance video):**