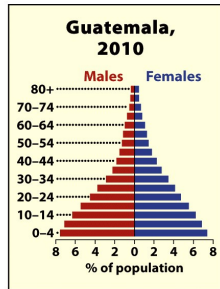
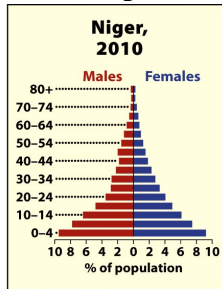
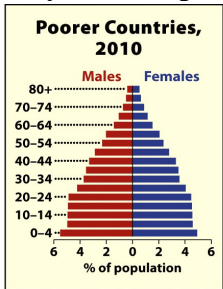


**Unit 2** **2.2 Why Does Population Composition Matter?**  
**How Does the Geography or Health Influence Population Dynamics? How Do Governments Affect Population Change?**

**Population Geography**

The following information corresponds to Chapter 2 in your textbook. Fill in the blanks to complete the definition or sentence. Note: All of the information, in addition to your reading, is important, not just the blanks you fill in. p.57-74

**Why Does Population Composition Matter?**



**Population composition** = the number of men and women and their ages. (Remember variations by scale)

- \_\_\_\_\_ = graphic representation (profile) displaying the *composition* of a population; shows the percentages of the total population by age and sex, normally in five-year groups known as **cohorts**.

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A pyramid with a wide base and a narrow top indicates a country with relatively rapid growth rates, whereas a more rectangular “pyramid” indicates a country with relatively slow growth rates.

\_\_\_\_\_ have a tree shape with larger numbers in the \_\_\_\_\_ and smaller numbers of \_\_\_\_\_ (e.g. Pakistan) \_\_\_\_\_ have the largest number of people in the \_\_\_\_\_, reflecting an \_\_\_\_\_ population and declining \_\_\_\_\_. (e.g. Italy, France, Sweden)

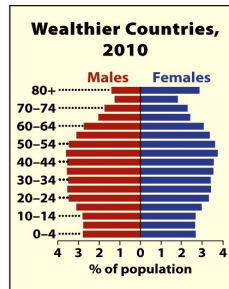
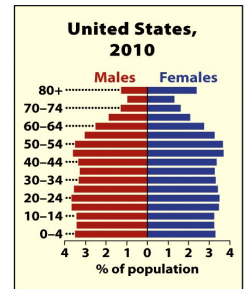
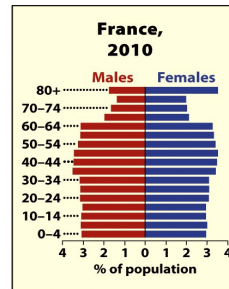


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**How Does the Geography of Health Influence Population Dynamics?**

- \_\_\_\_\_ (IMR) = babies deaths during the first year after birth.
- \_\_\_\_\_ (CMR) = deaths of children between the ages of 1 and 5 years
- Infant and child mortality reflect the \_\_\_\_\_ of a society.
- \_\_\_\_\_ and \_\_\_\_\_ are the leading killers of children around the world.
- \_\_\_\_\_ has the lowest IMR of countries with larger populations at 3.0 per 1000 births. (Singapore and Sweden have slightly lower IMRs, but also smaller populations.)
- \_\_\_\_\_ and \_\_\_\_\_ have the highest IMR at \_\_\_\_\_ per 1000 births.
- In the USA (2004) the IMR for African Americans was \_\_\_\_\_, for non-Hispanic whites it was \_\_\_\_\_, which may be a factor of those receiving prenatal care. The region with the highest IMR is the \_\_\_\_\_ with the \_\_\_\_\_ having the lowest IMR. The US has the \_\_\_\_\_ biggest newborn death rate in the world from \_\_\_\_\_ and \_\_\_\_\_, while poorer nations have high newborn death rates from \_\_\_\_\_ and \_\_\_\_\_.

Two causes of CMR in protein deficient tropical and subtropical zones, mostly in LDCs (Less Developed Countries)

- \_\_\_\_\_ - disease resulting from a lack of protein in early life and afflicts millions of children.
- \_\_\_\_\_ - condition resulting from the lack of protein or sufficient calories & causes death in millions more

**Life Expectancy – number of years a person may expect to live.**

- \_\_\_\_\_ outlive \_\_\_\_\_ in nearly all cultures.
- \_\_\_\_\_ life expectancies are the highest in the world, and is predicted to rise to \_\_\_\_\_ by the year 2300.
- \_\_\_\_\_ has the lowest life expectancies. The spread of \_\_\_\_\_ has lowered life expectancies below \_\_\_\_\_ years.
- In the \_\_\_\_\_ life expectancies for \_\_\_\_\_ dropped from \_\_\_\_\_ to \_\_\_\_\_ following the fall

of communism. Today it is \_\_\_\_\_, while female life expectancy has changed little from \_\_\_\_\_ to \_\_\_\_\_.

- Dramatically lower figures for the world's poorer countries primarily reflect \_\_\_\_\_.

**Medical geographers use locational analysis to predict diffusion and prescribe prevention strategies for diseases.**

- About 65% of all diseases are \_\_\_\_\_ diseases. (e.g. malaria) The other 35% are divided into \_\_\_\_\_ or \_\_\_\_\_ (e.g. heart disease) and \_\_\_\_\_ or \_\_\_\_\_ (e.g. hemophilia) traced to genetic factors
- \_\_\_\_\_ - a disease spread over a small or particular area
- \_\_\_\_\_ - disease spread over a large region
- \_\_\_\_\_ - a disease with global scope.

**Infectious Diseases**

- A \_\_\_\_\_ infectious disease is transmitted by an intermediary \_\_\_\_\_ (e.g. Malaria, spread by the \_\_\_\_\_) \_\_\_\_\_, \_\_\_\_\_, are also spread by mosquitoes, but \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ also serve as vectors to diseases like sleeping sickness, river blindness, elephantiasis. Mechanical vectors (water, food, soil... can also spread diseases.
- \_\_\_\_\_ climates are the worst afflicted areas.
- \_\_\_\_\_ diseases are transmitted by direct contact between the host and the victim (e.g. influenza)
- \_\_\_\_\_/\_\_\_\_\_ is a non-vectored infectious disease.

**Chronic and Genetic Diseases**

- Chronic or \_\_\_\_\_, affect people of \_\_\_\_\_, and are a reflection of \_\_\_\_\_ . Examples are \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ along with others like diabetes and liver disease.

Leading Causes of Death in the United States, 2005		
Cause	Total	Percent
1. Heart Disease	652,091	26.6
2. Cancer	559,312	22.8
3. Stroke	143,579	5.9
4. Lung Diseases	130,933	5.3
5. Accidents	117,809	4.8
6. Diabetes	75,119	3.1
7. Alzheimer's Disease	71,599	2.9
8. Influenza and Pneumonia	63,001	2.6
9. Nephritis, Nephritic Syndrome, and Nephrosis	43,901	1.8
10. Septicemia	34,136	1.4

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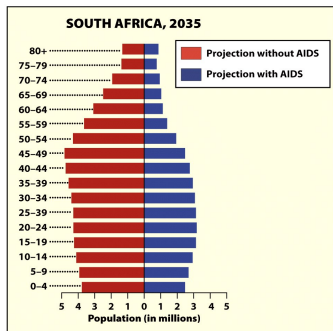


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**AIDS \_\_\_\_\_ Syndrome identified in Africa in 1960s, by 1980 it was estimated about 200,000 people were infected & by 2007 the number exceeded 33.2 million with 68% in Sub-Saharan Africa.**

- AIDS is a \_\_\_\_\_ having reached all parts of the world. Life expectancy in \_\_\_\_\_ & \_\_\_\_\_ have declined to 34 years (and expected to fall more)
- Population pyramids in the areas impacted by AIDS are shaped like \_\_\_\_\_, reflecting the impact on the \_\_\_\_\_ population. The US Census Bureau predict that AIDS will cause higher rates in death in \_\_\_\_\_ as men take younger and younger \_\_\_\_\_, exposing them to AIDS.

**How Do Governments Affect Population Change?**

- Three types of population policies: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- \_\_\_\_\_: encourage large families to raise the rate of natural increase. (used under communism, fascism, and again today in areas of declining populations.) Incentives include \_\_\_\_\_ & \_\_\_\_\_ means (cash).
- \_\_\_\_\_: favor one racial or cultural group over another ( Nazi Germany) \_\_\_\_\_ nearly homogeneous culture is the result of deliberately eugenic social policies.
- \_\_\_\_\_: seek to reduce the rate of natural increase through birth control or outright prohibition. Failure to abide by this policy in China resulted in financial penalties, limited educational opportunities and housing privileges. It was effective reducing China's growth rate from 3.0 in the 1970s to a current rate of \_\_\_\_\_.
  - \_\_\_\_\_ included an increased abortion rate, female infanticide, and high rates of girls left at orphanages.
- Sweden had initial success with expansive policies by providing \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_. When the economy weakened, so did the increased birth rate.
- Some areas with a low populations growth (sometimes negative) are at the heart of the Roman Catholic world that opposes birth control and abortion, while more distant Roman Catholic nations more closely follow church doctrines.
- \_\_\_\_\_, an Islamic country, has one of the fastest population growth rates, while \_\_\_\_\_ the largest Muslim nation has a family planning program which has lowered the growth rate to a rate today of \_\_\_\_\_