The Human Population

1. What environmental resistance factors were faced by humans during the hunter-gatherer period?
2. What about human society changed during the **agricultural revolution**?
   1. What effect did this have on the population?
3. What density-dependent limiting factors still affected the human population following the agricultural revolution?
4. List five new technologies that emerged following the **industrial revolution.**









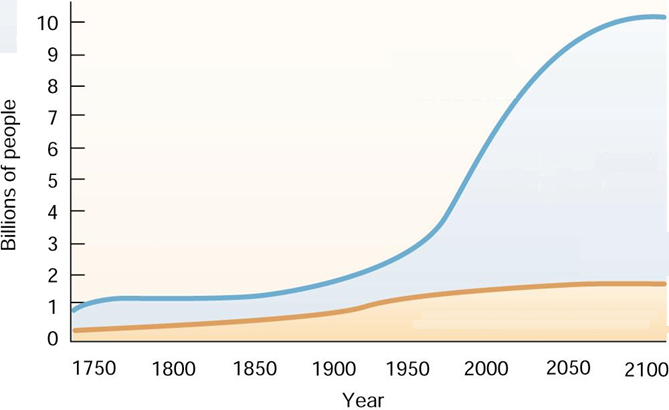









1. Define **infant mortality** –
   1. What happened to infant mortality during the industrial revolution?
   2. How did infant mortality affect life expectancy?
2. Define **exponential growth –**
3. Define **doubling time –** 
   1. Give the equation for calculating doubling time.
4. Define **demographics –**
5. Developing countries tend to be:
   1. Older or Younger?
   2. Poor or wealthy?
   3. Growing in population size or shrinking?
6. Developed countries tend to be:
   1. Older or Younger?
   2. Poor or wealthy?
   3. Growing in population size or shrinking?
7. Label the developed and developing regions on this population growth graph.



1. Define each of these important demographic variables:

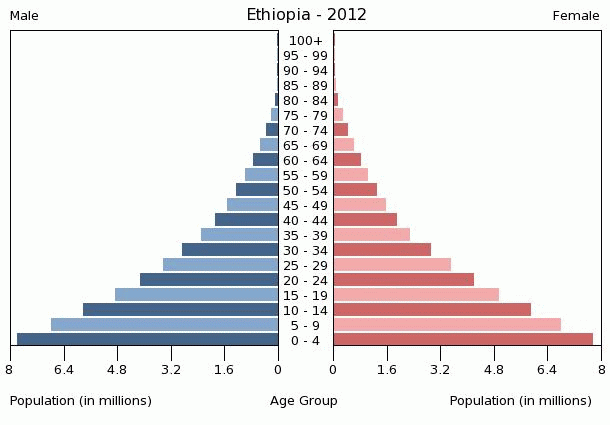
* 1. **Life Expectancy –**
  2. **Total Fertility Rate –**
  3. **Gross Domestic Product per capita** –

1. Fill in the demographic data for these two countries:

|  |  |  |  |
| --- | --- | --- | --- |
| **Country** | **GDP Per Capita** | **Total Fertility Rate** | **Life Expectancy** |
| United States |  |  |  |
| Afghanistan |  |  |  |

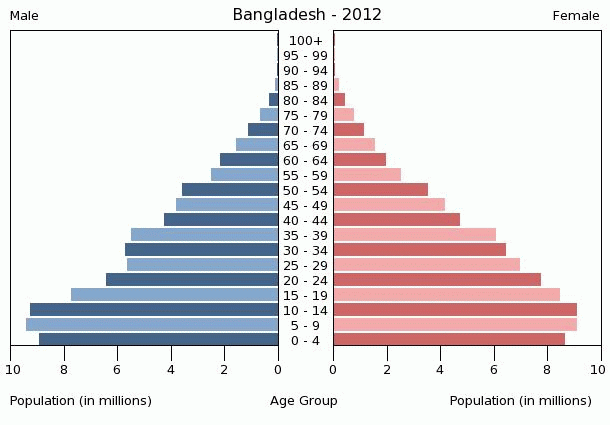
1. What is the correlation between life expectancy and GDP?
2. Define **emigration –**
3. Define **immigration –**
4. Define **pronatalist pressure –**
5. Define **antinatalist pressure –**
6. List examples of each type of pressure.

|  |  |
| --- | --- |
| **Pronatalist Pressures** | **Antinatalist Pressures** |
|  |  |

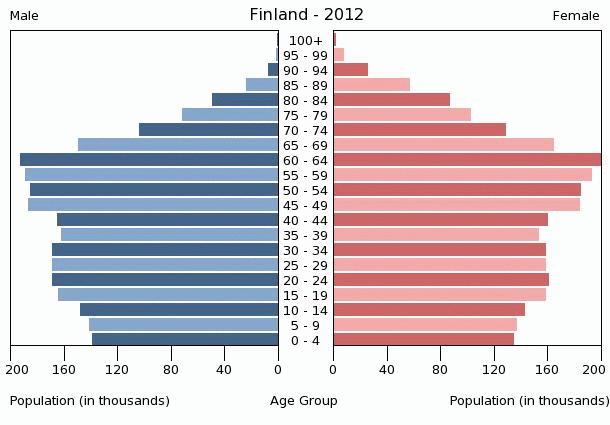


**Demographic Transition Model**

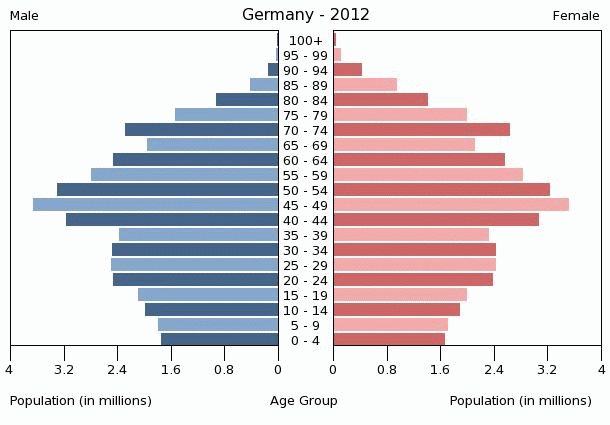
1. Describe the birth rate, death rate, and living conditions for countries in the **pre-industrial stage**.



1. What changes occur as countries enter the **early transition stage**?
2. What changes occur as countries enter the **late transition stage**?



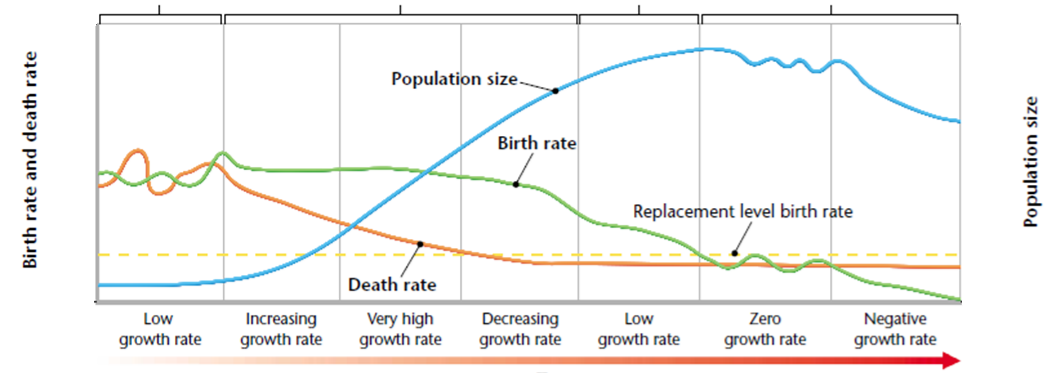
1. What changes occur as countries enter the **industrial stage**?



1. What happens to populations of countries in the **post-industrial stage**?



1. Label the preindustrial, transitional, industrial, and post-industrial stages on this graph.



1. Give the maximum population size projections:
   1. Low: \_\_\_\_\_\_\_\_\_\_\_\_
   2. Medium: \_\_\_\_\_\_\_\_\_\_\_
   3. High: \_\_\_\_\_\_\_\_\_\_\_\_