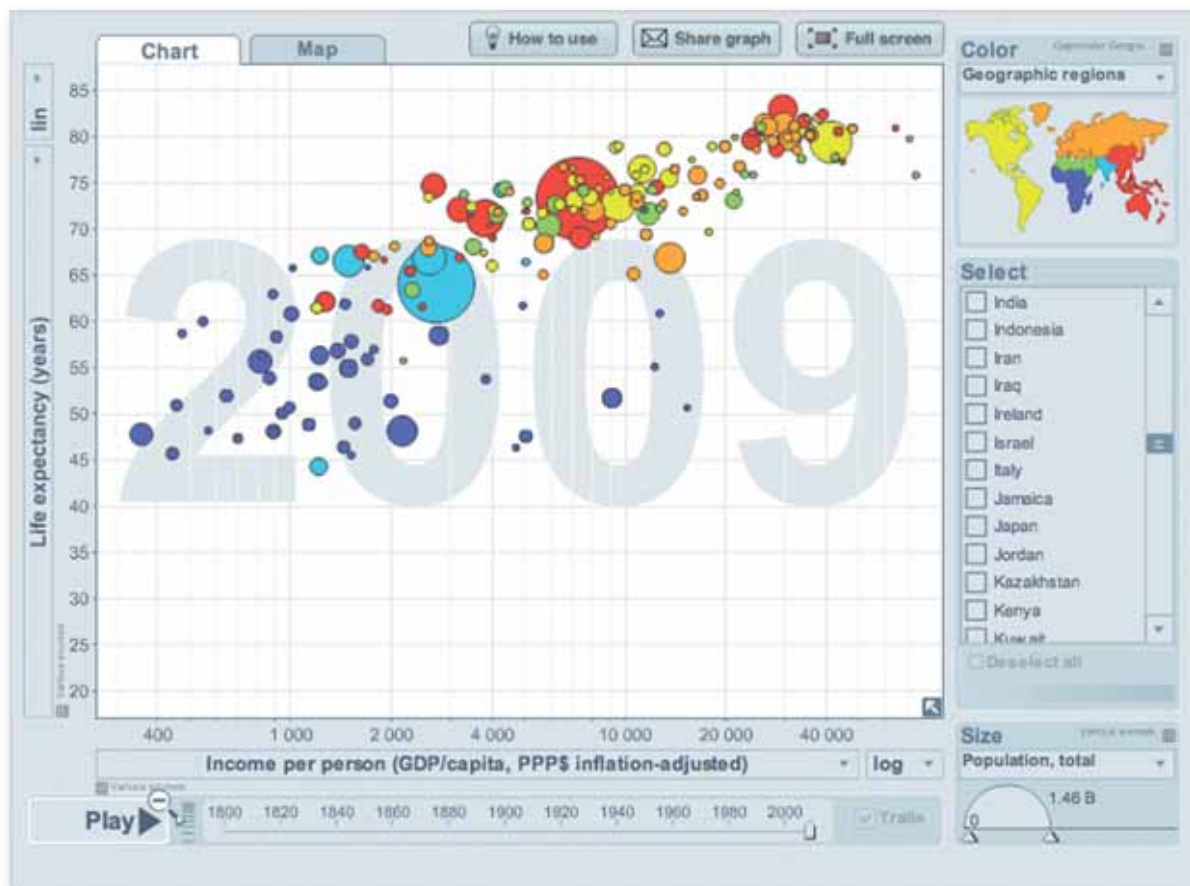


Information Design with Several Variables

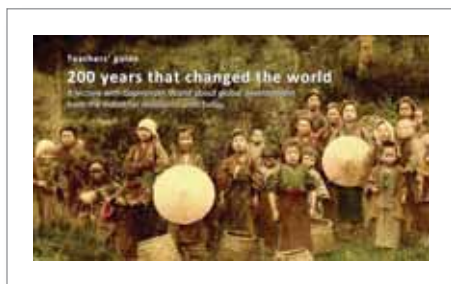
EXAMPLE 5 Animating Information

At *Gapminder.org/world*, you can watch “Wealth & Health of Nations” to see how countries have changed from 1800 through the present. Describe some of the variables displayed in the graph.

**SOLUTION**


Here are some of the variables.

- The vertical axis measures *life expectancy*. The higher the bubble, the greater the life expectancy.
- The horizontal axis measures *income per person*. The farther to the right the bubble, the greater the income per person.
- The area of the bubble measures *population size*. The bigger the bubble, the larger the population.
- The color of the bubble indicates the *geographic region*.
- The date on the coordinate plane indicates the *year*.



You can watch a short lecture called “200 years that changed the world” at *Gapminder.org*.

 **Checkpoint**

-  Watch the position of China in the animation from 1800 through the present. Describe the changes during the 200+ years.

Help at Math.andYOU.com