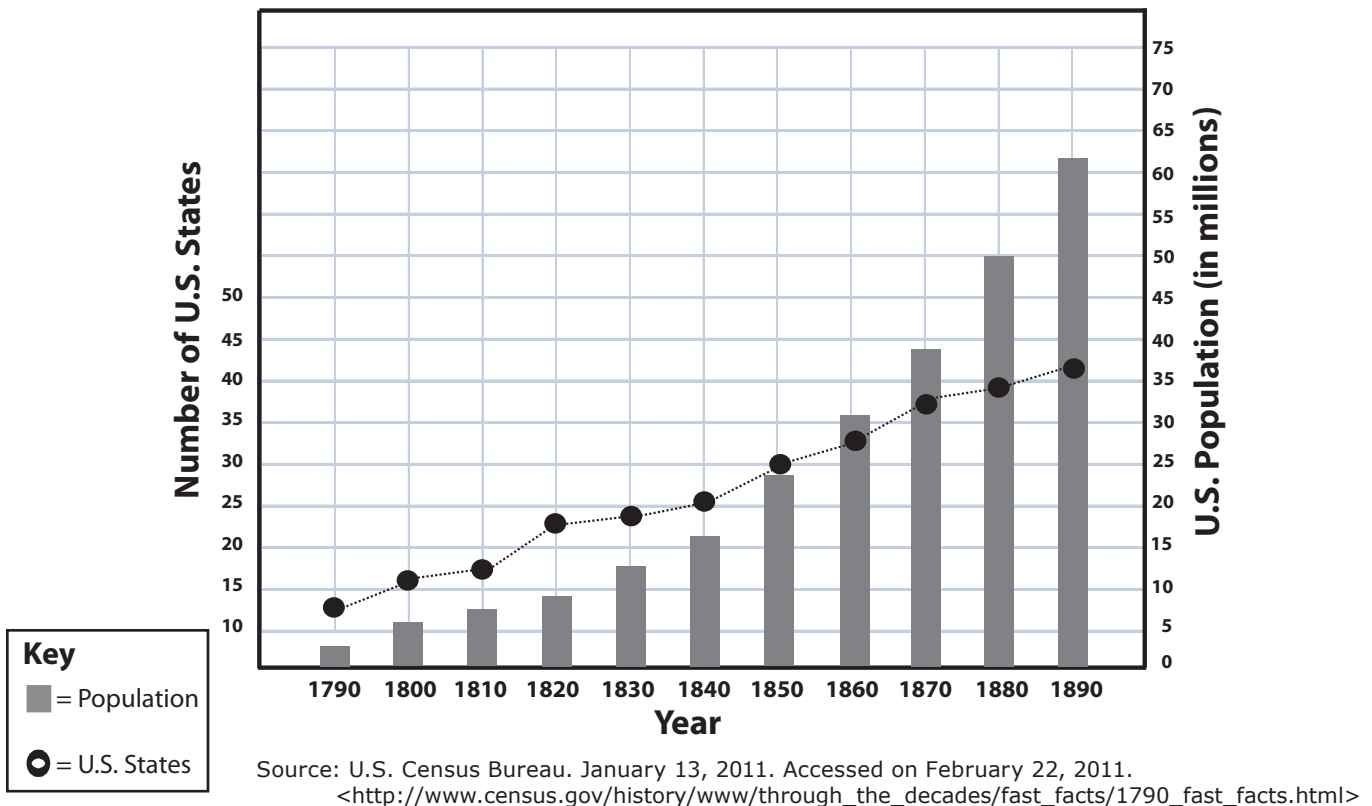


Lesson #48

Combination Graphs

Sometimes a line graph and a bar graph are combined, and this allows for the display of two different types of information at a glance. The graph shown here lists the number of states that were part of the United States, as well as U.S. population counts.

U.S. population growth combined with increase in number of states



- The information shown on this graph is useful for finding which of the following?
 - the number of people living in each state during the 1700's and 1800's
 - the regions of the US that experienced the greatest population growth
 - the rate of increase in U.S. population between 1790 and 1890
 - which parts of the country had the fewest states during the 1800's
- According to the graph, what is the correlation between the number of states and the U.S. population during the time period covered?
 - Population increased while the number of states remained the same.
 - Population decreased while the number of states increased.
 - Both population and the number of states increased steadily over time.
 - Population increased but not as dramatically as the number of states.
- How much time is covered in the graph?

one century

eleven decades

200 years

information not given

4. Based on the progression of the dotted line part of the graph, which of these would most likely be the population for the year 1900?

63,000,000 76,000,000 39,000,000 250,000,000

Here is a timeline of events that occurred during the same years shown in the graph. This is a timeline of “fun facts” about the 1800’s from the U.S. Census Bureau’s website.

1791	U.S. Postal Department is formed
1800	Johnny Appleseed (John Chapman) distributes apple seeds throughout Ohio
1812	New Madrid, Missouri earthquake temporarily reverses the flow of the Mississippi River
1829	The Smithsonian Institution is founded
1831	First U.S. bank robbery in New York
1835	P.T. Barnum’s first circus tour
1845	“Rules of Baseball” are formed by Alexander Cartwright & the N.Y. Knickerbockers
1849	Elizabeth Blackwell is first woman to be granted a medical degree
1850	President Zachary Taylor dies; Millard Fillmore is sworn into office as the 13th U.S. President
1852	<i>Uncle Tom’s Cabin</i> is published by Harriett Beecher Stowe
1861	“Paul Revere’s Ride” is published by Henry Wadsworth Longfellow
1868	<i>Little Women</i> is published by Louisa May Alcott
1871	The Great Chicago Fire
1873	First train robbery by the Jesse James Gang
1875	Thomas Edison patents the cylinder phonograph
1881	The Earp Brothers & Doc Holiday survive the shootout at the O.K. Corral
1884	<i>The Adventures of Huckleberry Finn</i> is published by Mark Twain
1885	The Statue of Liberty arrives from France
1886	Coca-Cola is invented by pharmacist, John Pemberton

5. What was the approximate U.S. population during the time of the Great Chicago Fire?

15,800,000 41,000,000 58,000,000 65,250,000

6. When the poem, *Paul Revere’s Ride* was published, were there more or fewer people living in the United States than when *The Adventures of Huckleberry Finn* was published? _____

7. How many states were there in the year that Millard Fillmore became President?

13 17 24 30 38

8. Where can you find more information about the 1800’s?

encyclopedia almanac Internet any of these