

The Rise of Industrial America

Population In Urban v. Rural Territory

1. In 1880, approximately what was the rural population?
2. In 1880, approximately what was the urban population?
3. Between the years 1840 & 1920 did the rural or urban population increase more?
4. What does this graph reveal about changing population patterns from 1840-1920?
(2-3 complete sentences)

Miles of Telegraph Wire Installed

1. Approximately how many miles of telegraph wire were installed in 1896?
2. In which 5-year period did the amount of telegraph wire installed increase the most?
3. Notice the train at the base of the telegraph poles. How did the expansion of railroads and the expansion of telegraph service affect one another?
(2-3 complete sentences)

Immigration to the United States

1. List the years in which more than 400,000 immigrants came to the United States.
2. In which 5-year period did immigration **increase** the most?
3. In which 5-year period did immigration **decrease** the most?
4. What does this graph reveal about immigration patterns from 1840-1915?
(2-3 complete sentences)

Total Number of Workers

1. In what years were the number of workers in agricultural and nonagricultural jobs the closest?
2. List the years in which the number of workers in agricultural jobs was greater than the number in nonagricultural jobs.
3. Which type of workers are pictured in the photograph? Describe how the line graph reveals their importance to the U.S. economy.
4. What does the graph reveal about labor patterns between 1860 & 1920? (2-3 complete sentences)

Farm Income

1. What is the total number of years represented on the horizontal axis?
2. The indicator line shows 2 basic trends in farm income. In what period did farm income remain steady?
3. In what period did farm income steadily increase?
4. Look carefully at the picture above. In what ways do you think new technology caused farm income to increase after 1895? (2-3 complete sentences)

Total Raw Steel Produced 1860-1890

1. In what years were one million or more tons of steel produced?
2. Approximately how many more tons of steel were produced in 1885 than in 1865?
3. How did steel production contribute to the growth of other key industries in this time period? (2-3 complete sentences)

Miles of Railroad track in Operation 1835-1890

1. What does the horizontal axis show?
2. What does the vertical axis show?
3. Look at the indicator line and describe the trend in miles of railroad track operated.
4. How do you think the expansion of railroads contributed to the rise of industrialism in the United States? (2-3 complete sentences)

Total Value of Exports from the United States

1. What does the horizontal axis show?
2. What does the vertical axis show?
3. List the years in which the value of exports declined:
4. What was the overall trend in the value of exports between 1850 and 1900?
5. What does the picture suggest were some of the factors that contributed to this trend?

Patents Issued for Inventions 1845-1900?

1. Approximately how many patents were issued in 1845?
2. Approximately how many patents were issued in 1880?
3. Approximately how many patents were issued in 1900?
4. What was the overall trend in patents issued between 1845-1900?
5. Why do you think the trend in the number of patents issued was important to the rise of industrialism? (2-3 complete sentences)

Use of Electric Energy 1898-1920

1. Approximately how many total kilowatt-hours of electric energy were used in 1902?
2. Approximately how many total kilowatt-hours of electric energy were used in 1920?
3. In what year did the amount of electricity used reach 25 billion kilowatt-hours?
4. The first electric power station was installed in 1882 in New York. Look at this picture of New York to understand how electric energy is being used? How do you think the use of electricity changed city life? (2-3 complete sentences)

Pulling it All Together:

Review the answers you've given to the questions above. **Imagine the United States before 1835 versus after 1920.** In a paragraph of 5-8 sentences use your own words to explain the transformations in American life that occurred in eight-five years & **what caused the changes.**