

# Becoming an Industrial Nation

## Introduction

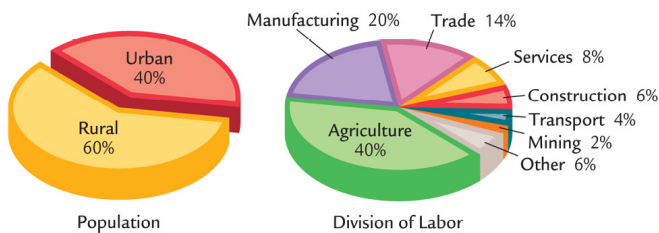
In this activity, you will gather, organize, and synthesize evidence from maps, graphs, time lines, charts, and illustrations to answer historical and geographical questions. The questions are a mixture of multiple choice, short answer, fill in the blank, and written response. You can study the maps in the reader, or you can [download the maps](#)

([https://www.activeclassroom.com/active\\_reader/download/NYS1789A34/NYS1789A34\\_downloadable\\_maps.pdf](https://www.activeclassroom.com/active_reader/download/NYS1789A34/NYS1789A34_downloadable_maps.pdf)) and open them in a separate window. Be sure you understand your teacher's expectations before you begin to work.

# Gathering the Facts

By 1900 there were five times as many industrial workers as before the Civil War, and the United States was first in the world in factory production.

- Miners and industrial workers often worked dangerous 10-hour days, six days a week, for low pay. *Labor unions* sought better conditions.
- Coal powered locomotives and factories. It was also used to transform iron into steel.
- Steel was used to build machinery, railroads, steamships, and tall buildings.

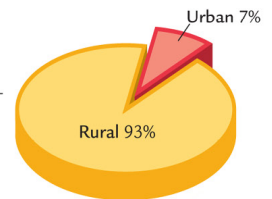


**A** **POPULATION AND LABOR, 1900**  
Industry introduced immigrants and longtime residents to new kinds of work and to life in the big city.

**C**

## URBAN AND RURAL POPULATION, 1820

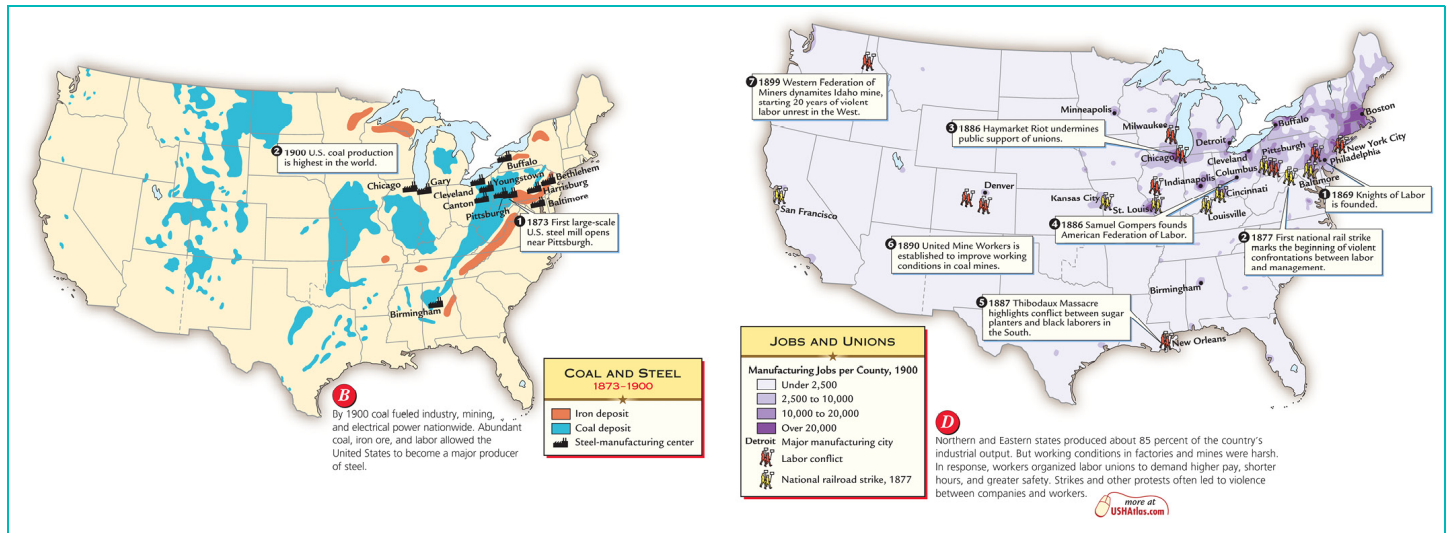
In 1820 fewer than 1 out of every 10 Americans lived in cities. Because most Americans were farmers, the need for more land drove thousands west.



Use the information above to answer the following questions.

1. What percentage of the population lived in urban areas in 1820? \_\_\_\_\_
2. What percentage of the population lived in urban areas in 1900? \_\_\_\_\_
3. What did most people in 1820 do? \_\_\_\_\_
4. How much of the population worked in manufacturing in 1900? \_\_\_\_\_
5. After agriculture and manufacturing, what was the largest industry in the United States? \_\_\_\_\_
6. What is the smallest named industry on the graph? \_\_\_\_\_

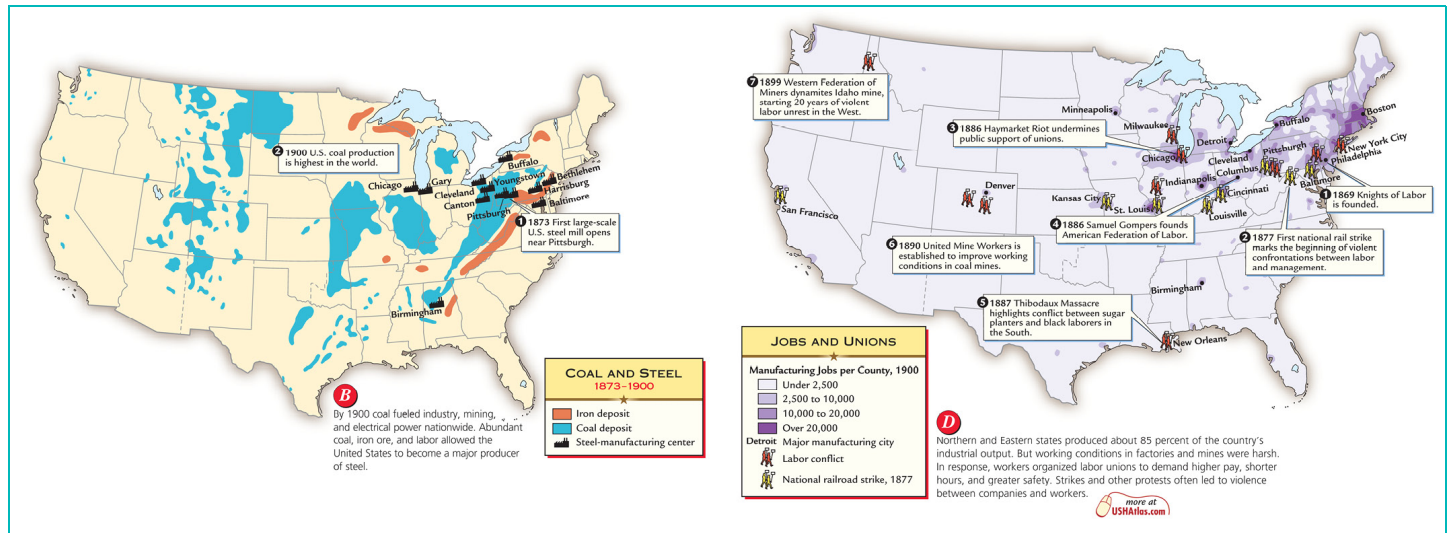
# Links Far and Near



Look at map B, “Coal and Steel,” and map D, “Jobs and Unions.” Use the information to evaluate the truthfulness of the following statements.

- Steel production was only found in the East.
  - ☐ True
  - ☐ False
- The steel centers in Ohio and Pennsylvania had the highest concentration of manufacturing jobs per county in the United States.
  - ☐ True
  - ☐ False
- All steel centers were located near iron deposits.
  - ☐ True
  - ☐ False
- The American steel industry began near Pittsburgh.
  - ☐ True
  - ☐ False

# Thinking about History

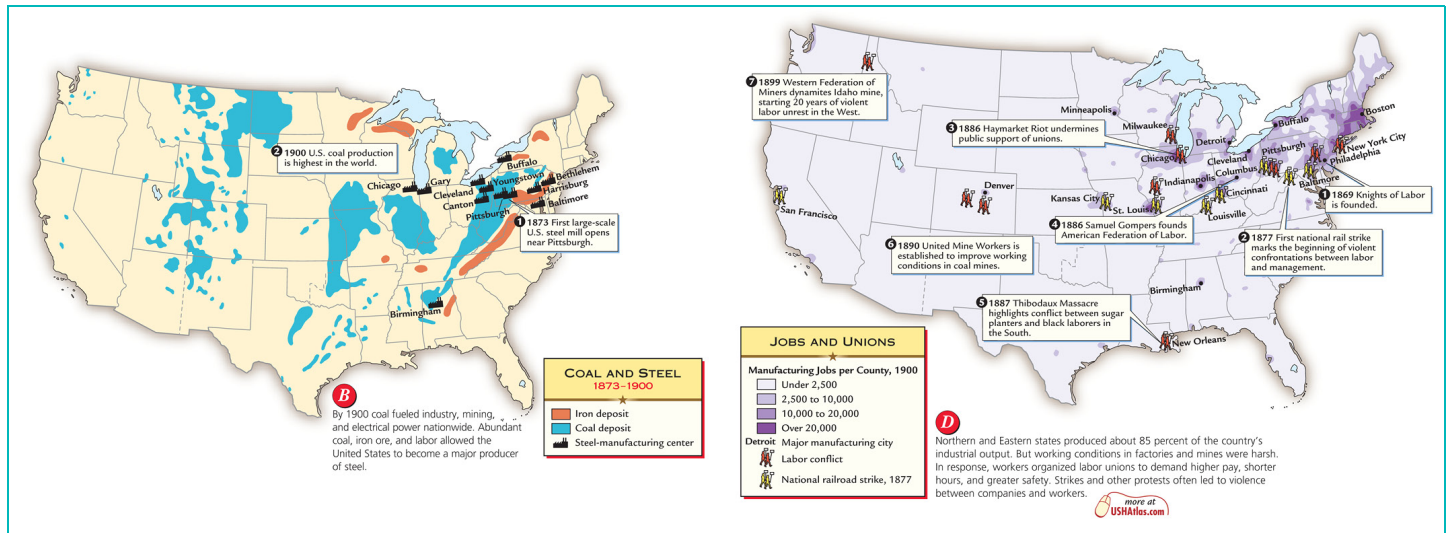


**C** Many coal miners were immigrants. Cave-ins, explosions, and disease made their work much more dangerous than work in factories, on railroads, and in other kinds of mines.

Look at photo C. Look again at maps B and D (above). For each pair of events, determine whether the cause is listed before the effect, or if the effect is listed before the cause.

- The United States has plentiful iron, coal, and labor. The United States becomes a leading steel producer.
  - ☐ Cause and effect
  - ☐ Effect and cause
- United Mine Workers and Western Federation of Miners fight for better working conditions. Mining, especially coal mining, kills and injures many workers.
  - ☐ Cause and effect
  - ☐ Effect and cause

# People and Their Environments



Look at maps B and D. Determine whether the following western states had coal deposits and/or counties with over 2,500 manufacturing jobs.

1. Washington
  - a. ☐ Coal deposit
  - b. ☐ Manufacturing jobs
  - c. ☐ Both
  - d. ☐ Neither
2. Idaho
  - a. ☐ Coal deposit
  - b. ☐ Manufacturing jobs
  - c. ☐ Both
  - d. ☐ Neither
3. Montana
  - a. ☐ Coal deposit
  - b. ☐ Manufacturing jobs
  - c. ☐ Both
  - d. ☐ Neither
4. Nevada
  - a. ☐ Coal deposit
  - b. ☐ Manufacturing jobs
  - c. ☐ Both
  - d. ☐ Neither

## 5. Utah

- a. ☐ Coal deposit
- b. ☐ Manufacturing jobs
- c. ☐ Both
- d. ☐ Neither

## 6. Wyoming

- a. ☐ Coal deposit
- b. ☐ Manufacturing jobs
- c. ☐ Both
- d. ☐ Neither

## 7. Colorado

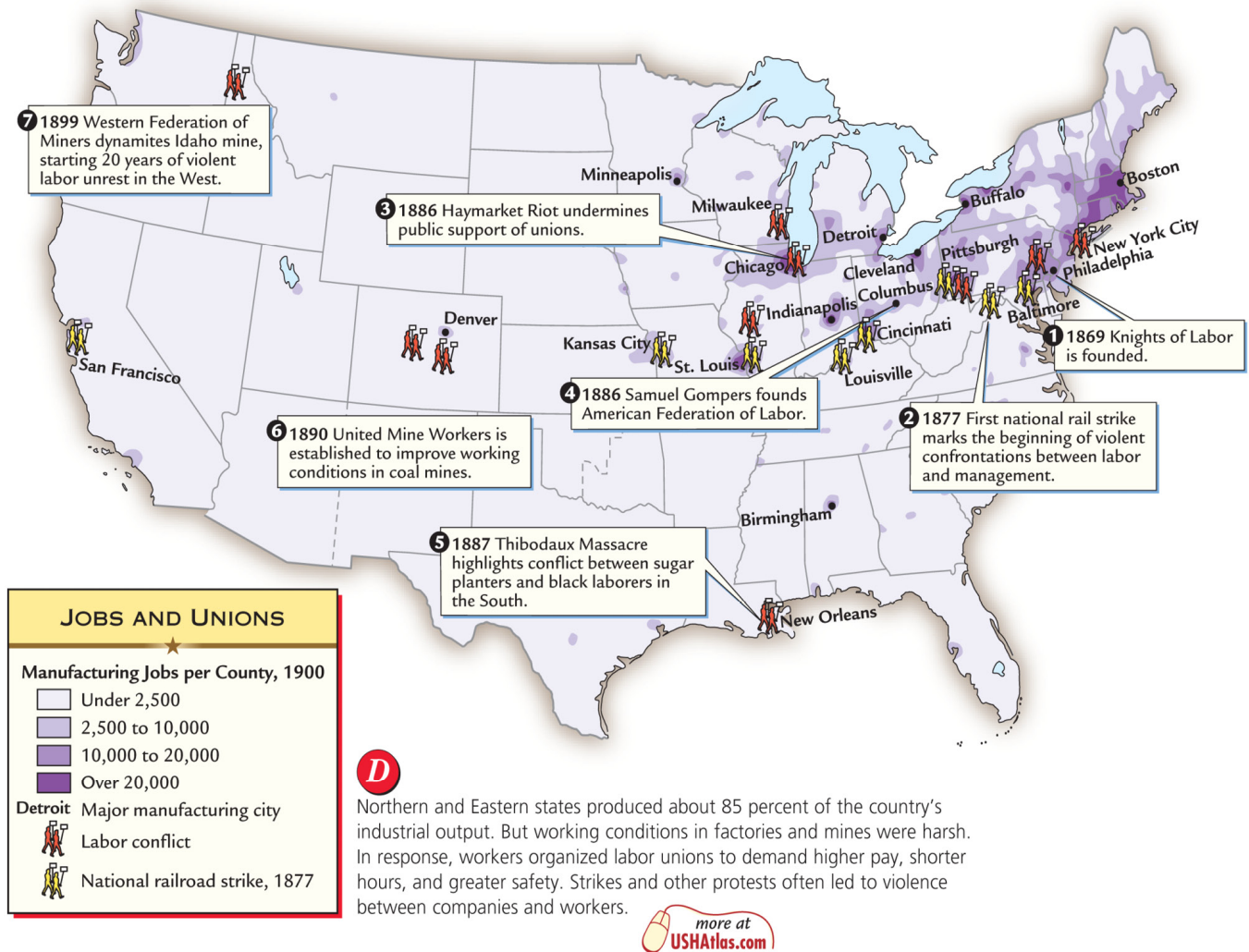
- a. ☐ Coal deposit
- b. ☐ Manufacturing jobs
- c. ☐ Both
- d. ☐ Neither

## 8. North Dakota

- a. ☐ Coal deposit
- b. ☐ Manufacturing jobs
- c. ☐ Both
- d. ☐ Neither



# History through Maps



Use map D to find the missing date or event below.

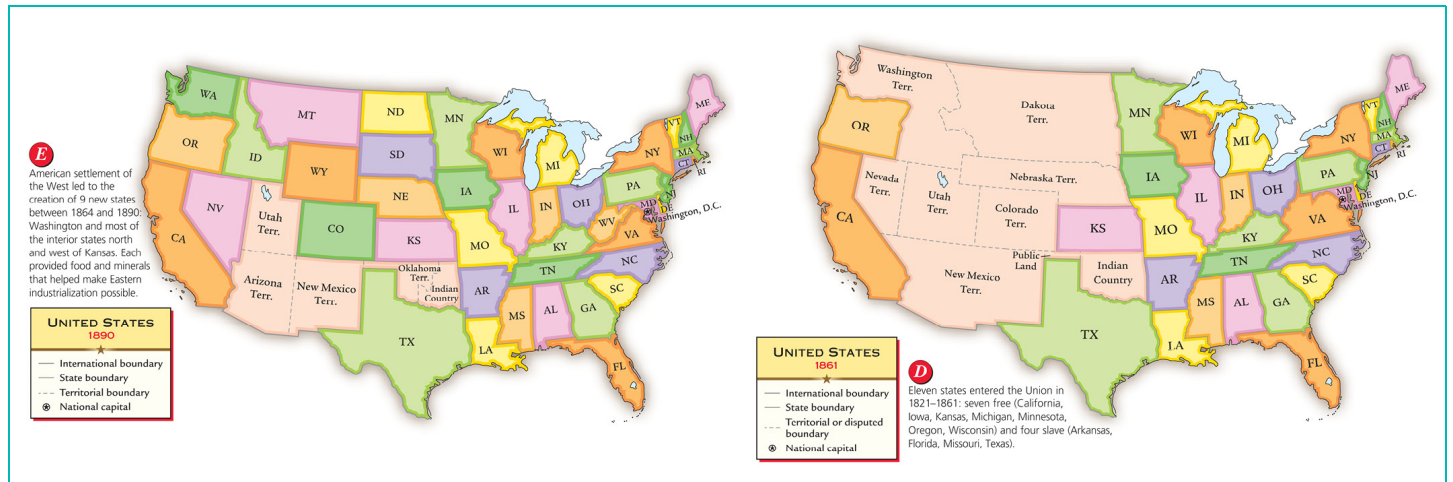
1. Knights of Labor founded. \_\_\_\_\_

2. 1886  
\_\_\_\_\_

3. United Mine Workers founded. \_\_\_\_\_

4. 1899  
\_\_\_\_\_

# Time and Change



Compare map E, “United States 1890,” with map D, “United States 1861.” List the main states that were created out of these 1861 territories.

1. Washington

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2. Dakota

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3. Nebraska

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4. Utah

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