

## **UNIT 1: THE RISE OF TECHNOLOGY (1870 -1896)**

### **Topic: Lumber Industry**

#### **Lesson 1: Introduction to Iowa's Industrial Growth**

##### **Objectives:**

1. Students will interpret, compare and contrast information from line and bar graphs
2. Students will understand that as Iowa's population steadily grew between 1870 and 1940 the proportion of urban population was increasing while the proportion of rural population was decreasing.
3. Students will recognize the relationship between urban population growth and industrial growth.

##### **Materials:**

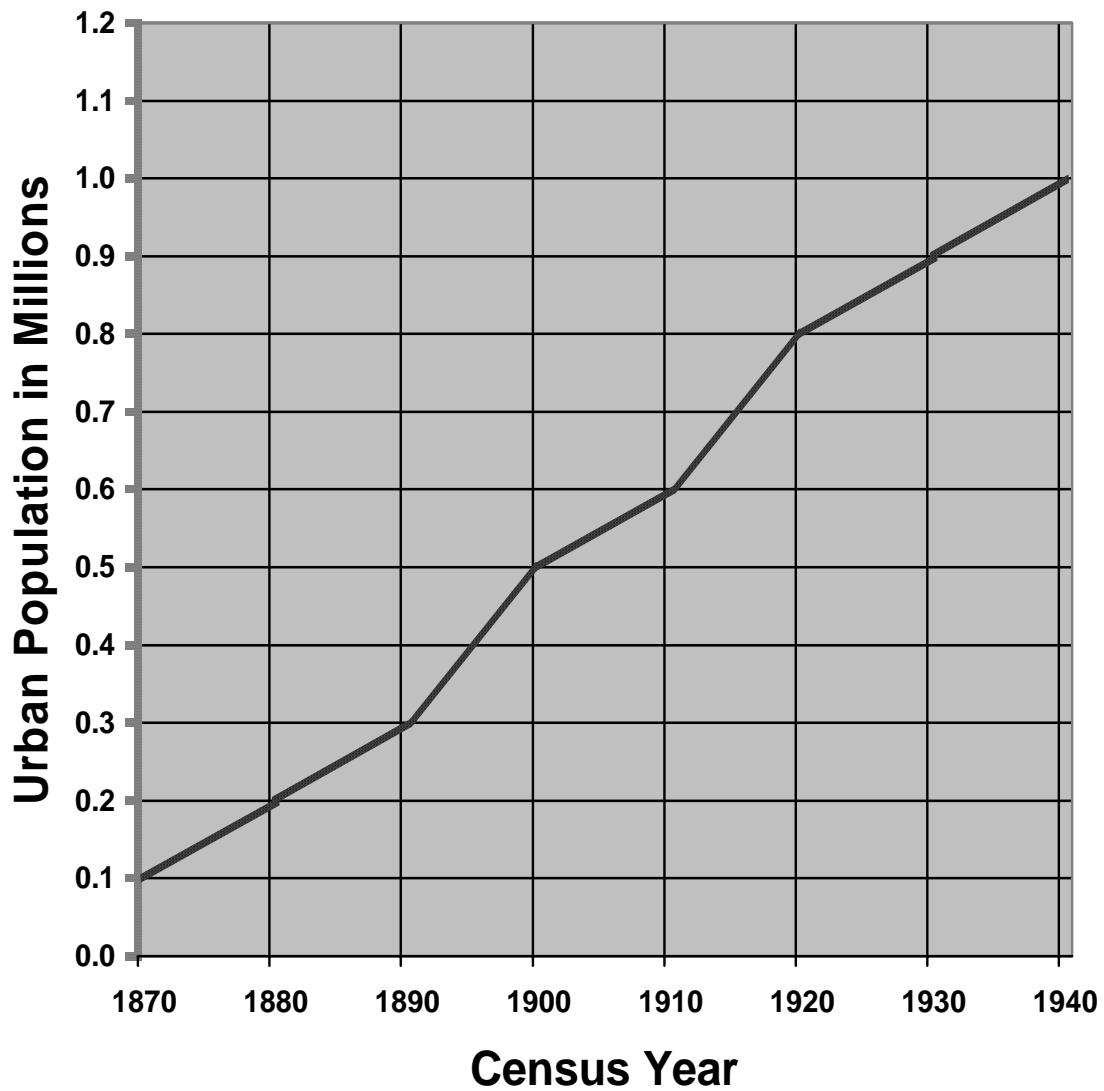
Transparencies:       Urban Population of Iowa, 1870 - 1940  
                              Proportion of Urban Population in the Total  
                              Population of Iowa, 1870 - 1940"

##### **Activities:**

1. Review briefly the following facts about Iowa's settlement:
  - A. Iowa became open for settlement in 1833.
  - B. By 1870 the major railroad lines across the state were completed.
  - C. By 1870 the last frontier in northwest Iowa was being settled.
  - D. Iowa's population was steadily growing throughout the years 1830 - 1940.
2. Project the transparency "Proportion of Urban Population in the Total Population of Iowa, 1870 - 1940." Allow students time to observe the data. Ask for a summary of what can be learned about Iowa's growth in terms of population for the years 1870 - 1940.
3. Project the transparency "The Urban Population of Iowa, 1870 1940." Ask students to compare the data on this graph with the previous graph. After comparing and contrasting these graphs, discuss the fact that while Iowa's total population was growing. The proportion of people living in towns in Iowa was growing faster than the rural population.
4. Have students project how these data would be reflected in Iowa's economic growth. Discuss the fact that as more people became urban dwellers there would most likely be a comparable growth in industry and business.
5. Close the lesson by summarizing key ideas from the lesson and relating that the following lesson will focus on one of Iowa's early industries.

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## The Urban Population of Iowa 1870-1940



## Proportion of Urban and Rural Population of Iowa 1870-1940

