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Immigrant (_ities

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In 1850 New York City was the only U.S. city with a population of more than 500,000. By 1900 New York City, Chicago, Philadelphia, St. Louis, Boston, and Baltimore all had more than half a million residents. More than 35 U.S. cities had populations greater than 100,000. About 40 percent of Americans now lived in urban areas.

As you have read, new immigrants were responsible for a lot of this urban growth. So were families from rural areas in the United States. As farm equipment replaced workers in the countryside, large numbers of rural residents moved to the cities in search of work. African Americans from the rural South also began moving to northern cities in the 1890s. They hoped to escape discrimination and find better educational and economic opportunities. Cities such as Chicago; Cleveland, Ohio; Detroit, Michigan; and New York saw large increases in their African American populations during the late 1800s and early 1900s.

Perhaps the most dramatic example of urban growth was the rise of Chicago. The city's population exploded from 30,000 in 1850 to 1.7 million in 1900. Chicago passed St. Louis as the biggest city in the Midwest.

Along with the large numbers of African Americans moving to the city, many of Chicago's new residents were immigrants from southern and eastern Europe. In 1900 immigrants and their children made up three quarters of Chicago's population.

Chicago's location was another factor in its rapid growth. Many of the new railroad lines connecting the East and West coasts ran through Chicago. This put Chicago at the heart of the nation's trade in lumber, grain, and meat. Thousands of new Chicago residents found work in the city's huge slaughterhouses and meatpacking plants. Here, meat from the West and Midwest was packed into refrigerated train cars and shipped to the growing cities of the East, where it could be sold in shops to customers.

American cities such as Chicago were illprepared for the rapid urban growth of the late 1800s and early 1900s.

Where was everyone going to live? How were people going to get from home to work on crowded city streets? Several new technologies helped cities meet these challenges.

These technologies forever changed the look and function of U.S. cities.

With so many people moving to urban areas, cities quickly ran out of building space in downtown areas. One solution would be to build taller buildings. Typical city buildings in the mid-1800s were only five stories tall, but taller structures were impossible to construct because the building materials available were either too weak or too heavy.

This changed with the rise of the American steel industry in the late 1800s. Mills began producing tons of strong and inexpensive steel. Soon, architects such as Louis Sullivan of Chicago began designing multistory buildings called skyscrapers. Architects used steel beams to make sturdy frames that could support the weight of tall buildings. This allowed builders to use limited city space more efficiently.

The safety elevator, patented by Elisha Otis in the 1850s, helped make skyscrapers practical. Previous elevators had been unsafe because they would crash to the ground if the elevator cable snapped. Otis's safety elevator included a device to hold the elevator in place if the cable broke.

Taller buildings made it possible for more people to live and work in city centers. This increased the need for mass transit, or public transportation designed to move many people. By the late 1860s New York City had elevated trains running on tracks above the streets. Chicago followed in the 1890s.

Some cities built underground railroads, known as subways. In 1897 the first subway in the United States opened in Boston. In 1904 the first line of the New York City subway system began operation. Cable

cars and electric trolleys also became common. These streetcars cheaply and quickly carried people in the cities to and from work.

Many Americans who could afford it moved to suburbs, residential neighborhoods outside of downtown areas that had begun springing up before the Civil War. Mass transit networks made such moves possible. People could live in the suburbs and take trolleys, subways, or trains into the cities.

IIn the late 1800s the United States also began to develop forms of mass culture, or leisure and cultural activities shared by many people. One factor contributing to mass culture was a boom in publishing. The invention of the Linotype, an automatic typesetting machine, greatly reduced the time and cost of printing. In 1850 there were fewer than 300 daily newspapers in the country. Because of the use of Linotype machines, by 1900 there were more than 2,000 newspapers.

Big cities often had many newspapers, so publishers had to compete for readers. In 1896 Joseph Pulitzer added a color comic to his New York World newspaper. More people started buying Pulitzer's paper. William Randolph Hearst, publisher of the New York Journal, saw that comics helped sell newspapers. So he added a color comic strip to the Journal. Soon, newspapers across the country were adding comic strips.

Mass culture affected how people shopped as well. Giant retail shops, or department stores, appeared in some cities during the late 1800s. One of the earliest was Marshall Field in Chicago, which offered low prices and large quantities of products. It also was the first department store to offer its customers a

restaurant where they could eat while shopping. Newspaper advertising was used to bring in customers. American's rising expectations rose along with their standard of living and level of consumption.

World fairs were another example of mass culture. Fairs brought merchants together, which sometimes resulted in new ideas and products. At the 1904 St. Louis World's Fair, for example, a Syrian food vendor began making cones for a nearby ice cream vendor who had run out of dishes. Ice cream cones became popular throughout the country.

The demand for public entertainment also led to the creation of amusement parks, such as New York's Coney Island. The inexpensive entry tickets made Coney Island a favorite destination for children and families. For a nickel, visitors could ride a new invention called the Switchback Railway—the country's first roller coaster.

As cities grew, people became aware of the need for open public space. Landscape architect Frederick Law Olmsted became nationally famous. He designed Central Park in New York City, as well as many state and national parks. Some of his other well-known projects include Prospect Park in Brooklyn, New York, and the U.S. Capitol grounds, which he worked on between 1874 and 1895.