

Innovations and Industry Cards

Analyze the data and poster below. Plot the data on the appropriate graph in your notebook. Then read Section 2. In your notebook, answer the three questions for this section.

2 New Inventions and Technologies

Patents Issued for Inventions, 1845–1900			
Year	Patents Issued	Year	Patents Issued
1845	473	1875	13,291
1850	883	1880	12,903
1855	1,881	1885	23,285
1860	4,357	1890	25,313
1865	6,088	1895	20,856
1870	12,137	1900	24,644

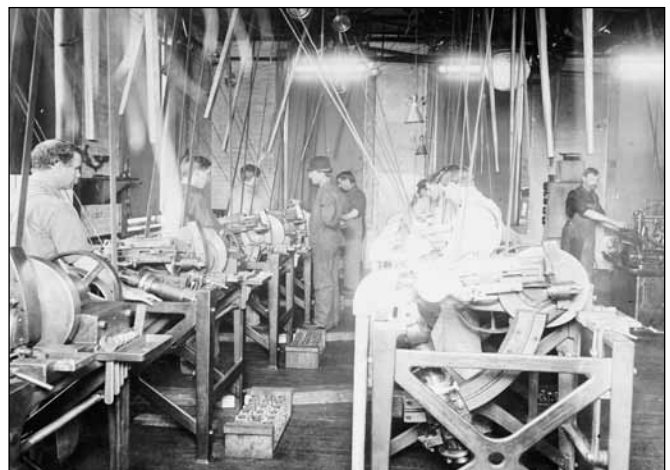
Source: *The Statistical History of the United States from Colonial Times to the Present*, U.S. Census Bureau, New York: Horizon Press, 1965.



Analyze the data and photograph below. Plot the data on the appropriate graph in your notebook. Then read Section 3. In your notebook, answer the three questions for this section.

3 An Explosion of Industrial Growth

Total Number of Workers, 1870–1920 (in thousands)		
Year	Agricultural Workers	Non-Agricultural Workers
1870	6,850	6,075
1880	8,585	8,807
1890	9,938	13,380
1900	10,912	18,161
1910	11,592	25,779
1920	11,449	30,985



Source: *The Statistical History of the United States from Colonial Times to the Present*, U.S. Census Bureau, New York: Horizon Press, 1965.

Analyze the data and artwork below. Plot the data on the appropriate graph in your notebook. Then read Section 4. In your notebook, answer the three questions for this section.

4 Big Business and the Government

Value of U.S. Exports, 1850–1905 (in millions)			
Year	Total Exports	Year	Total Exports
1850	\$152	1880	\$853
1855	\$275	1885	\$784
1860	\$400	1890	\$910
1865	\$234	1895	\$921
1870	\$451	1900	\$1,499
1875	\$606	1905	\$1,660



Source: *The Statistical History of the United States from Colonial Times to the Present*, U.S. Census Bureau, New York: Horizon Press, 1965.



Analyze the data and photograph below. Plot the data on the appropriate graph in your notebook. Then read Section 5. In your notebook, answer the three questions for this section.

5 The Gilded Age

Average Annual Income, 1890	
Person or Group	Average Annual Income
Andrew Carnegie	\$25,000,000
Postal employees	\$878
Clerical workers	\$848
Ministers	\$794
Gas and electricity workers	\$687
Railroad workers	\$560
Manufacturing workers	\$439
Coal miners	\$406
Public school teachers	\$256



Sources: PBS, “Andrew Carnegie: Rags to Riches Timeline,” www.pbs.org. *Historical Statistics of the United States from Colonial Times to 1970, Bicentennial Edition, Part 2*, U.S. Census Bureau, Washington, D.C.: 1975.