

U.S. City Manufacturing Data, 1904 – 1939 (~5 years)

File Name(s): city_manu_04_39.xlsx [Excel], city_manu_04_39.dta [Stata]

Description. This file contains a city-level panel dataset of several variables from the Census of Manufactures as published by the Census Bureau for the years 1904 to 1939 at approximately five-year intervals.

Notes.

- | | Value Added (Wage Earners) |
|-----------------------|----------------------------|
| • Total observations: | 6,093 (6,605) |
| ○ 1904: | 429 (429) |
| ○ 1909: | 576 (576) |
| ○ 1914: | 639 (639) |
| ○ 1919: | 718 (718) |
| ○ 1925: | 707 (707) |
| ○ 1929: | 747 (815) |
| ○ 1933: | 727 (826) |
| ○ 1935: | 716 (855) |
| ○ 1939: | 834 (1,040) |
- The Census does not disclose aggregated data if the reporting of such data would allow for firm-level identification. The loss of manufacturing establishments and activity during the Great Depression brought some counties under the reporting threshold by 1935 and 1937. Thus, the coverage is not balanced.

Definitions.

At the biennial censuses (1923 onwards), data have been obtained only from establishments reporting products to the value of \$5,000 or more. For the years 1904-1919, the census covers are all establishments reporting a value of \$500 or more. An establishment signifies a single plant or factory.

Variables.

1. county_name, county_fips, state_fips, state_name, state_abbrev, city, lat_d, long_d:
city, county, state identifiers, latitude/longitude in decimal form
2. state_icpsr: State ICPSR code
3. place_fips: 2016 Census FIPS Place code
4. place_fips_old: Place code to be used when merging with City Data Book data files from ICPSR
5. d_materials: Cost of materials, containers for products, fuel, and purchased

- | | |
|-------------------|--|
| | electric energy used during the year |
| 6. d_products: | Depending on industry, either (a) the selling value, at the factory, of all products shipped or delivered or (b) products manufactured, whether sold or not. |
| 7. d_value_added: | [d_products – d_materials] |
| 8. d_wages: | Total payroll of wage earners - manual workers |
| 9. n_est: | Total number of establishments |
| 10. n_work: | Average number of wage earners employed during the year. |

Sources and Notes:

Note 1. Texas and Illinois cities missing from file but present in data source for 1929-33-35.
Ongoing work will fill this void in future editions.

Note 2. The figures for cities published in 1919 (used here) are comparable across time and do not agree with those published in 1904, 1909, 1914 because it was necessary to revise the total in order to include data only for those establishments located within the corporate limits of the city.

[1904, 1909, 1914, 1919]

United States. Bureau of the Census. *Census of Manufactures*. Washington: U.S. Govt. Print. Office, 1919, Table 193.

[1925]

United States. Bureau of the Census. *Biennial Census of Manufactures*. Washington: U.S. Govt. Print. Office, 1935. Table V. Summary for cities having 10,000 inhabitants or more (as enumerated for January 1, 1920), 1925, and for states, 1925 and 1923.

[1929]

United States. Bureau of the Census. *Census of Manufactures*. Washington: U.S. Govt. Print. Office, 1939, Table 2. Summary for counties and cities.

[1929, 1933, 1935]

United States. Bureau of the Census. *Biennial Census of Manufactures: 1933: Alabama-Wyoming. Summary for Cities Having 10,000 Inhabitants Or More And for Counties: 1933, 1931, 1929*. Washington, 1935.

[1939]

United States. Bureau of the Census. *Census of Manufactures*. Washington: U.S. Govt. Print. Office, 1939, Table 2. *Summary for counties and places*.

Acknowledgements.

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