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DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

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WM. J. HARRIS, DIRECTOR
APPOINTED JULY 1, 1913

THIRTEENTH CENSUS OF THE UNITED STATES
TAKEN IN THE YEAR 1910

VOLUME X

MANUFACTURES

1909

REPORTS FOR PRINCIPAL INDUSTRIES

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PREPARED UNDER THE SUPERVISION OF WILLIAM M. STEUART
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DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

ANNOUNCEMENT CONCERNING THIRTEENTH CENSUS REPORTS.

DECEMBER 1, 1913.

All of the volumes of the final census reports have been issued except Volume IV, *Occupation Statistics*, which will be completed at an early date.

The volumes numbered I to XI, constituting the complete reports of the census, are being issued in a very limited edition, intended chiefly for libraries, institutions, and special students of statistics.

A condensed report, entitled *Abstract of the Census*, has been printed in a much larger edition, intended for more general distribution, and prepared in such a way as to meet the need of most persons desiring information concerning the results of the census. It contains in tabular form all important census statistics for the United States as a whole and for each state and principal city, together with a brief text explaining the figures and their meaning. The *Abstract* therefore is a condensation of the complete census reports, both tables and text, and not merely a compilation of tables.

The *Abstract* is issued in special editions for each of the several states, each edition containing a supplement giving the detailed statistics for counties, cities, and other civil divisions of the state to which it relates, designed to meet the needs of persons resident in that state or especially interested in it. The supplement contains also both tables and text.

As a compact reference work of general and local interest the *Abstract* is more convenient for most persons than the voluminous final reports.

REPORTS OF THE THIRTEENTH CENSUS.

POPULATION:

-
- Volume I.—GENERAL REPORT AND ANALYSIS.
 - Volume II.—REPORTS BY STATES, WITH STATISTICS FOR COUNTIES, CITIES, AND OTHER CIVIL DIVISIONS—ALABAMA TO MONTANA.
 - Volume III.—REPORTS BY STATES, WITH STATISTICS FOR COUNTIES, CITIES, AND OTHER CIVIL DIVISIONS—NEBRASKA TO WYOMING; ALASKA, HAWAII, AND PORTO RICO.
 - Volume IV.—OCCUPATION STATISTICS.

AGRICULTURE:

- Volume V.—GENERAL REPORT AND ANALYSIS.
- Volume VI.—REPORTS BY STATES, WITH STATISTICS FOR COUNTIES—ALABAMA TO MONTANA.
- Volume VII.—REPORTS BY STATES, WITH STATISTICS FOR COUNTIES—NEBRASKA TO WYOMING; ALASKA, HAWAII, AND PORTO RICO.

MANUFACTURES:

- Volume VIII.—GENERAL REPORT AND ANALYSIS.
- Volume IX.—REPORTS BY STATES, WITH STATISTICS FOR PRINCIPAL CITIES.
- Volume X.—REPORTS FOR PRINCIPAL INDUSTRIES.

MINING:

- Volume XI.—MINES AND QUARRIES.

ABSTRACT OF THE THIRTEENTH CENSUS.

LETTER OF TRANSMITTAL.

DEPARTMENT OF COMMERCE,
BUREAU OF THE CENSUS,
Washington, D. C., December 1, 1913.

SIR:

I have the honor to transmit herewith Volume X of the Reports of the Thirteenth Decennial Census, relating to manufactures.

The census of manufactures was taken in conformity with "An act authorizing the taking of the Thirteenth and subsequent Decennial Censuses," approved July 2, 1909. The statistics were collected during the year 1910, but relate in general to the year ending December 31, 1909. The field work was done for the most part by clerks detailed from the permanent force of the bureau and by special agents appointed expressly for the purpose of collecting statistics of manufactures and mines.

The results of the manufactures census are contained in three volumes, constituting Volumes VIII, IX, and X of the Reports of the Thirteenth Decennial Census. Volume VIII contains a summarization of the statistics by industries and by states, together with a general analysis and discussion. Volume IX contains a separate report on the manufactures of each state and territory, each such report having previously been issued as a bulletin. Volume X, the present volume, contains special reports or monographs relating to the leading individual industries, which are also published as a series of separate bulletins. This volume also presents statistics for the manufacturing industries in the 13 principal metropolitan districts of the country.

The collection and compilation of the statistics of manufactures and the preparation of the text of the present volume have been under the supervision of William M. Steuart, chief statistician for manufactures, in accordance with plans prepared by my predecessor, Hon. E. Dana Durand.

The chiefs of division under Mr. Steuart during the Thirteenth Census period were Joseph D. Lewis and Frank L. Sanford.

Respectfully,


Director.

HON. WILLIAM C. REDFIELD,
Secretary of Commerce.

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