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1947 Census of Manufactures

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pt. 1

INDUSTRY AND COMMODITY CLASSIFICATION MANUALS

Volume I

PRODUCT CLASSIFICATION

Part 1

NUMERICAL LIST OF PRODUCTS

DEPARTMENT OF COMMERCE

Bureau of the Census

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# NUMERICAL LIST OF PRODUCTS—1947 CENSUS OF MANUFACTURES

## Introduction

### Purpose and Scope

This manual consists of a listing of the products shown on all 1947 Census of Manufactures product schedules arranged in the order of the industries of the Standard Industrial Classification. The list of products for each industry represents the principal primary products of that industry arrayed numerically in the same sequence as on the corresponding product schedule. An alphabetical arrangement of the same products is contained in Volume I, Part 2 of the Product Classification Manual—1947 Census of Manufactures.

The principal application of the manual will be in the coding of products, not printed on the product schedules, but written-in by reporting establishments. It will also be used in the editing and review of product schedules, the preparation of tables, and for other purposes.

### Derivation of the Product Coding System

A product code of six digits is assigned to and uniquely identifies each individual product. The first four digits indicate the industry classification in which the item is a primary product. The last two digits indicate the sequence of products within the industry as shown on the product schedule. These latter digits are assigned in numerical order beginning with "01." For example, in industry 2392 the first three products on the product schedule are numbered consecutively 239201, 239202, and 239203.

Since only one six-digit product code can be assigned to an individual product, products primary in more than one industry require somewhat different handling. The selection of the four-digit industry base of the code in these cases was determined mainly as follows:

(1) If the industries differed in degree of integration, the code assigned was that of the less integrated industry; (2) If integration was not a factor, the code corresponding to the industry which accounted for the larger portion of the output of the product was assigned; (3) If the product was primary in more than one industry but was shown on the product schedule for only one of these industries, the four-digit industry base selected corresponded to the industry where the product was actually shown.

The assignment of codes to products in Industry 2231, Broad-woven Fabric Mills (cotton, silk and synthetic fiber) on Form MC15A-1, differs from that for other products. The six-digit code consists of two zeros (00) followed by a four-digit reference number which has for some time been used in identifying the products on the Division's current surveys on Forms M15A and M15C. For example, typewriter ribbon cloth is coded 001870.

Two or more consecutive four-digit industry-base numbers (not assigned to any specific industry in the Standard Industrial Classification) were substituted for the actual industry code for industries containing more than 99 products in order to limit the product code to six digits. This occurred in only two cases: Industry code 2812 was replaced by 2814 and 2815; and industry code 2819 was replaced by 2817 and 2818.

### Special Codes

*"Tie-in" lines.*—Certain of the product schedules contain "tie-in" lines. Such items cover broad classes of products for which data have been collected in the Division's current surveys and, in a few cases, by other government agencies. The tie-in lines require that the establishment report only total value of products corresponding to that on the detailed current surveys. Some establishments not covered in a current survey may report products which fall within a particular tie-in class. Such products must be linked to the corresponding detailed products on the current survey form. To handle such cases, supplements to this manual will be issued showing the six-digit commodity codes which have been assigned to individual current survey items and which will be used to identify and match corresponding Census of Manufactures products to the detailed current survey. A complete list of tie-in lines, the 1947 Census of Manufactures forms on which they appear, and the current survey forms to which they are related will be issued as a supplement.

*Two or more codes assigned to a single product.*—In some instances it was necessary to assign more than one six-digit product code to a single product. This occurs when (1) two or more units of measure are to be reported on separate lines (see industry 3439, where codes 343918 and 343950 are assigned to two

units of measure for the same product); (2) the quantity of a number of products is to be reported separately but the value is to be reported for the combined group of products (see industry 3141, where codes 314104, 314109, and others are assigned to the values of groups of products in which the individual products are also coded); (3) the data for an individual product are broken down according to various characteristics that do not affect the definition of the product (see industry 2863, in which individual codes are assigned to turpentine produced for own account and turpentine produced from material owned by others); (4) the data to be reported for a group of products are to be redistributed to different characteristics (see industry 2421, in which rough lumber is redistributed in terms of wood species).

*Single code assigned to two or more products.*—In a number of instances a product listed on a single line of the stub of a form is modified by caption headings so that each caption heading taken in conjunction with the item in the stub represents a different product. Only one six-digit product code is assigned for all products in the line. Tentatively, the different products are distinguished by adding the column letter to the product code. For example, in industry 2771, greeting cards which are letterpress printed are coded 277102c, lithographed 277102d, and engraved 277102e.

*Receipts for repair work, etc.*—There are a number of items which cover receipts for various services, from the sale of scrap and salable refuse, for the use of storage facilities, etc. Six-digit codes have been assigned to such items, some of which do not involve manufacturing operations. All code numbers assigned to products of this kind have as their first digit the number "9". The products and services included in the number "9" group arranged numerically by Census form number are listed in Appendix E.

*Nonmanufactured products.*—A number of items included on the product schedules are products of non-manufacturing industries. The number "40", has been assigned as the first two digits of the commodity codes assigned to such products. In addition, there is a complete product schedule which covers a nonmanufacturing industry, Motion Pictures, and which has been assigned industry code 4111. All products of the industry are shown on form MC55A. The list of products classified in industry 4111 are shown in the body of the Numerical List. All other products of nonmanufacturing industries are shown in Appendix C, where they are listed by Census form number.

*Products of industries covered by the General Form, MC-100.*—Generally, all primary products of a particular industry covered on form MC-100 will be combined as a single item and will be assigned a six-digit code consisting of the four-digit industry base followed by "00". Appropriate codes will be assigned to secondary products.

*"All other products" of an industry.*—Written-in products which are not covered by any of the specifically listed products of an industry will be classified by a six-digit code consisting of the four-digit industry base followed by "99". For example, wicker porch chairs when reported on form MC54B, will be coded 251399.

### Revision of Standard Industrial Classification

Except for certain relatively minor modifications, the Standard Industrial Classification will be used as a basis for assigning industry classifications to establishments in the 1947 Census of Manufactures. Some changes which have already been made are incorporated in the Numerical List of Products and are shown in Appendix D. A number of other revisions are still (February 16, 1948) under consideration. Subsequent changes will be issued as supplements to the Manual.

### Changes in Codes on Product Schedules

In some cases it has been necessary to change codes which already appear on the printed product schedules. A complete list of codes which have been changed, arranged by Census form number, will be found in Appendix E.

### List of Forms and Industries Covered

The Numerical List, as arranged, affords a convenient bridge from an industry to a corresponding Census form. It does not, however, link the form to all the industries covered by that form. In Appendix A, a list of forms, showing each of the industries covered by that form, is shown. Where a form covers part of an industry that fact is indicated by an asterisk following the industry code.

### Instructions for Coding

In addition to the lists of products there will be detailed instructions on commodity and industry classification. They will indicate the methods by which the products of individual industries are to be classified, interpretations of the relationships of certain products to the industries of which they are a part, the bearing that materials used in manufacture have on the selection of an industry code, etc. It will be found useful to use the instructions in conjunction with the Numerical List.