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## PART I

### Summary

THE ESTIMATES in this volume serve many purposes. To the economic historian they give threads of detail with which the pattern of development during the late 19th and early 20th century can be woven. To the practicing economist they give added insight into the workings of the commodity producing economy, particularly concerning its end products. And to the theorist they give empirical aid in testing hypotheses.

A few examples will illustrate the wide range of application. First, finished commodities constitute important components of gross national product.<sup>1</sup> Their total value, even as measured at prices received by producers rather than at final cost to users, accounts for at least one-third of gross national product—most of the commodity elements of consumer expenditures and of capital formation. And, as shown in Section C, these elements vary markedly over time.

Of course the conclusions that can be drawn from an analysis of the covered third are not necessarily applicable to gross national product as a whole. We need merely list the components *not* covered by the present estimates to make this clear: distributive costs, consumer services, new construction, changes in business inventories, changes in the foreign balance, and the product of government. The heterogeneity of this list, encompassing as it does segments that not only differ widely in cyclical reactions but may even have conflicting trends, is obvious.

Second, the totals of manufactured finished commodities and construction materials, in current prices, approximate the net values of manufactures.<sup>2</sup> As such they provide a continuous series on manufacturing activity unmarred by the varying amounts of duplication present in gross value totals.

Third, an index of the grand total of finished commodities and construction materials, in constant prices, corresponds to a composite index of industrial production for four basic industries: agriculture, mining, fishing, and manufactures. Since this composite probably reflects a coverage as comprehensive as any of the directly constructed annual produc-

<sup>1</sup> For the definition of finished commodities see Section A.

<sup>2</sup> See Part II, Section A 3b for a direct comparison with net values of manufactures.

tion indexes before 1919, it is of particular interest to compare it with them. Three indexes, running back to 1899 and representing the net output of manufactures, agriculture, and mining, can be found in recent publications of the National Bureau.<sup>3</sup> These have not been consolidated into one; but even in their separate form, they make possible a rough comparison.

Although it is not strictly equivalent to a composite production index for the three industries, the index of the grand total in constant prices is close enough to warrant the belief that it should be between the extremes of the directly constructed indexes.<sup>4</sup> We test this belief in Chart 1. In view of the conceptual differences as well as the crudities of estimation the correspondence is good. Not only are the longer movements fairly corroborative but even the shorter ones reveal few disturbing divergences.

The annual movements differ most in the years between 1914 and 1919. It is of course exceedingly difficult to measure production in times of violent change; and this difficulty alone probably accounts for the disagreement in these years. However, it is pertinent to point out with respect to the striking divergence of 1918-19 that the rise in our index is due chiefly to the consumer durable group and to the ship and boat component of the producer durable (Table I 3). These products are not covered adequately in the direct index of manufacturing output. In fact, the annual index Fabricant used to interpolate his comprehensive index for 1914 and 1919 is mainly one of industrial materials.<sup>5</sup>

These comments do not mean that our index is necessarily a good index of industrial production for the war years. At best it is an approxima-

<sup>3</sup> Solomon Fabricant, *The Output of Manufacturing Industries, 1899-1937* (1940), p. 44; Barger and Landsberg, *American Agriculture, 1899-1939: A Study of Output, Employment and Productivity* (1942), p. 20; Barger and Schurr, *The Mining Industries, 1899-1939: A Study of Output, Employment and Productivity* (1944), p. 14.

<sup>4</sup> The differences are numerous but hardly of a magnitude to invalidate a rough comparison. As mentioned above, our index includes the output of the fishing industry. In addition, it reflects the contribution of the trade, public utility, finance, etc., industries to the extent that their services are included in the value of finished commodities and construction materials measured at producers' prices. Conversely, our index excludes products that constitute materials and supplies for industries other than the covered four. For example, the output of containers and fuel used in retail trade is not reflected.

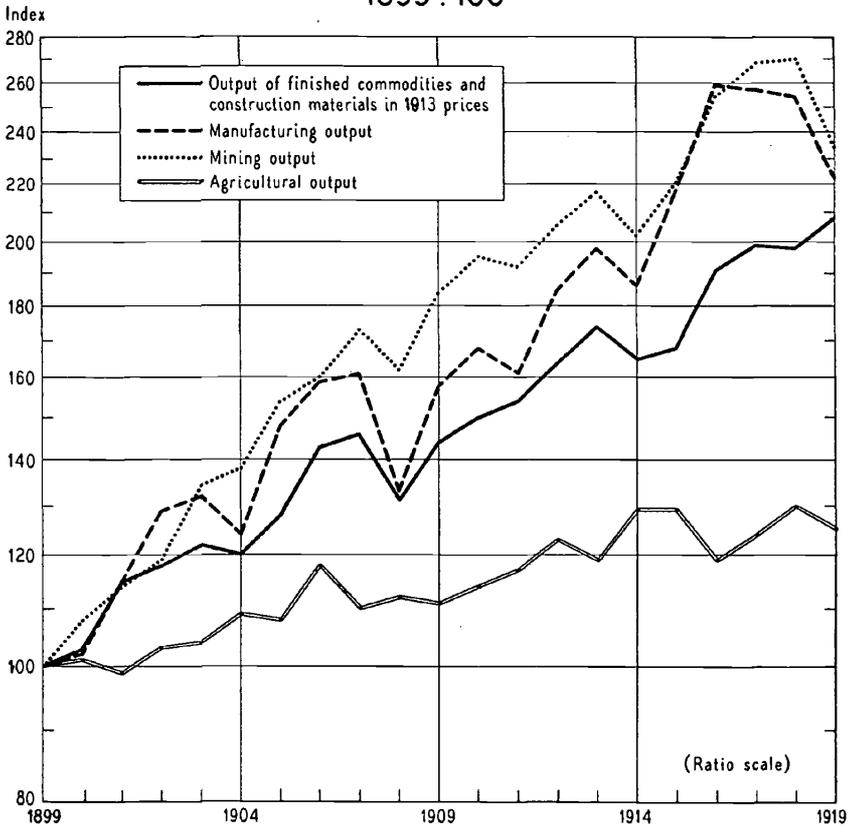
Finally, there are the differences that might be expected to stem from the statistical crudities inherent in all global estimates for the years before 1919.

<sup>5</sup> The relation between an index of industrial materials and of industrial production is puzzling. Apparently the two do not diverge appreciably except in times of violent change. See Geoffrey H. Moore, *Production of Industrial Materials in World Wars I and II*, National Bureau *Occasional Paper 18* (March 1944).

tion, and its adequacy for this purpose can be judged only by studying our interpolating series (Part II, Sec. B2) and our price deflators (Part IV).

As a fourth illustration of the usefulness of the estimates, we may cite the detail given for consumer commodities. For the eight census years in

CHART 1  
**Indexes of Output of Finished Commodities and  
 Construction Materials in 1913 Prices and of Output  
 in Manufacturing, Mining, and Agriculture, 1899-1919**  
 1899 : 100



1869-1919, values of output are shown on a comparable basis for several hundred commodities (Table II 1). Annual estimates since 1889, in both current and constant prices, are shown for almost thirty distinct groups—ranging from food and clothing to automobiles and household appliances (Tables I 1 and I 3). Such detail is especially useful to students of welfare economics.

Finally, the series on producer durable commodities and construction materials provide data helpful in studying the longer run aspects of capital formation. For example, they make it possible to test some of the assumptions underlying the hypothesis of secular stagnation in the United States economy.<sup>6</sup>

As we use the concepts set forth by Simon Kuznets in *Commodity Flow and Capital Formation*, Volume One, it is necessary here only to review briefly the definitions implicit in them and to summarize the system of classification (Sec. A). In Section B the estimates of the total values of domestic output and of the amounts destined for domestic consumption, in both current and constant prices, are outlined with cross-references to the more elaborate discussion in Parts II, III, and IV. Because of the newness of the estimates the discussion embodies a complete description of their derivation.

In Section C the movements over time of the values of finished commodities destined for domestic consumption together with those of the corresponding price indexes are investigated. Attention is concentrated on the totals and on four major groups: consumer perishable, semi-durable, and durable, and producer durable. The longer run developments, since 1879, are analyzed by examining changes in decade averages; the shorter run, since 1889, by examining simple measures of cyclical amplitude and of relative conformity to business cycles. Our conclusions—which emphasize the importance, for economic analysis, of commodity classification by durability—are summarized in Section C5.

## A DEFINITIONS

The concepts developed by Kuznets embrace a comprehensive scheme of commodity classification designed to differentiate end or finished products from others (Table 1). End products, those under A I 1a, A II 1a, A III 1a, and B III 1a, may be produced in any basic industry: farming, fishing, mining, construction, or manufacturing. They embrace both consumer commodities and producer durable commodities. The latter are defined as machinery and equipment intended for multiple use in production and with an average life of three or more years.

The term 'end' or 'finished' does not apply solely to the degree of processing; it reflects also the use to which an article is put. Flour, for instance, is classified as finished if it is to be consumed by households, by

<sup>6</sup> For example, see George Terborgh, *The Bogy of Economic Maturity* (Machinery and Allied Products Institute, Chicago, 1945).

TABLE 1  
Classification of Commodities

| A CONSUMER  |   |  |
|---|---|--|
| I PERISHABLE  | II SEMIDURABLE  | III DURABLE  |
| <p>1 At Destination</p> <p>a Finished: bread, coal used by households, etc., in hands of households</p> <p>b Unfinished: none</p> <p>2 In Circulation</p> <p>a Finished: same as under A I 1a, but in hands of producers &amp; distributors</p> <p>b Unfinished: raw materials, fuels, supplies used for production, transportation, &amp; distribution yielding A I 1a</p> | <p>1 At Destination</p> <p>a Finished: shoes, clothing, etc., in hands of households</p> <p>b Unfinished: none</p> <p>2 In Circulation</p> <p>a Finished: same as under A II 1a, but in hands of producers &amp; distributors</p> <p>b Unfinished: raw materials, fuels, supplies used for production, transportation &amp; distribution yielding A II 1a</p> | <p>1 At Destination</p> <p>a All finished: passenger cars, jewelry, furniture in hands of households</p> <p>aa Residential building</p> <p>bb All other</p> <p>b Unfinished: none</p> <p>2 In Circulation</p> <p>a Finished: same as under A III 1a, but in hands of producers &amp; distributors</p> <p>b Unfinished: raw materials, fuels, supplies used for production, transportation &amp; distribution yielding A III 1a</p> |
| B PRODUCER  |   |  |
| I PERISHABLE  | II SEMIDURABLE  | III DURABLE  |
| None  | None  | <p>1 At Destination</p> <p>a Finished: industrial, farm machinery, buildings, trucks, etc., in hands of business units who will use them</p> <p>b Unfinished: none</p> <p>2 In Circulation</p> <p>a Finished: same as under B II 1a, but in hands of producers &amp; distributors</p> <p>b Unfinished: raw materials, fuels, supplies, etc., used for production, transportation &amp; distribution, yielding B III 1a</p>         |

**DURABLE:** Commodities that, without marked change and retaining their essential physical identity, are ordinarily employed in their ultimate use three or more years. Examples: a building, a steam engine or dynamo; an automobile or truck; a bed, table, or chair.

**NONDURABLE:** Commodities that, without marked change and retaining their essential physical identity, are ordinarily employed in their ultimate use less than three years. Nondurable commodities are further classified into:

**SEMIDURABLE:** Commodities that, without marked change and retaining their essential

physical identity, are ordinarily employed in their ultimate use from six months to three years. Examples: automobile tires, clothing, shoes.

**PERISHABLE:** Commodities that, without marked change and retaining their essential physical identity, are ordinarily employed in their ultimate use less than six months. Examples: bread, cigarettes.

**AT DESTINATION:** Commodities that have reached either the household or the producing units where they will find their ultimate use. Examples: bread in the household larder; truck in the hands of the firm using it.

**IN CIRCULATION:** Commodities that are still in process of production, transportation, or distribution and have not yet reached the units where they will find their ultimate use. Examples: clothing in department store; coal in factory bin.

**FINISHED:** Commodities, whether durable or nondurable, in the form in which, without significant alteration, they are employed in their ultimate use. Examples: shoes, furniture, machinery.

**UNFINISHED:** Commodities that, whether ultimately durable or nondurable, are not yet in the form in which they are employed in their ultimate use. Examples: raw cotton; structural steel beams.

**CONSUMER:** Commodities, whether finished or unfinished, that when finished and at their destination, are used by households or large ultimate consuming units. Examples: flour, bread, raw wool, clothing.

**PRODUCER:** Commodities, whether finished or unfinished, that, when finished and at their destination, are used by business agencies in the production process. Examples: industrial machinery; steel used therein.

Source: *Commodity Flow and Capital Formation*, Vol. One, p. 6. Minor changes have been made.

institutions, by service establishments such as hotels, or by governmental agencies;<sup>7</sup> it is classified as unfinished if it is to be consumed by a factory engaged in making bread or other products for which flour is a raw material. A barrel of apples destined for home consumption is included in our estimates of finished commodities, whereas a similar barrel of apples shipped to a commercial bakery is excluded.

With these definitions as a guide, the data were classified by minor commodity groups (Table I 1). The criteria for grouping were durability and budgetary use. Because of its significance in economic analysis, grouping by durability was adopted as the basic classification.

Perishable commodities include those usually lasting less than six months; semidurable those usually lasting from six months to three years;

<sup>7</sup> Ideally, commodities going to institutional and service purchasers and governmental agencies should be treated separately; but the data preclude segregation or even a satisfactory estimate of the amounts involved. In most years the output of finished commodities destined for these groups has been small, but during the 1914-18 War purchases by the federal government alone of food, clothing, and other supplies were substantial. That the repercussions of these purchases were felt also in later years is indicated by government receipts of more than a billion dollars from the resale of commodities during the early 1920's. This was a realization of approximately 50 percent on the original cost (J. M. Clark, *The Costs of the World War to the American People*; Yale University Press, 1931, p. 54). Although these resales are not covered in our estimates, they are reflected indirectly in the composition of output during the early 1920's.

and durable those usually lasting more than three years. As in any classification, the distinctions cannot always be sharp; but it is believed that the groups are sufficiently clear cut to facilitate analysis of characteristic differences in movement over time.

With respect to budgetary use, it will be noted from the group titles that consumer commodities can readily be arranged to approximate major consumer budget items—an important consideration in welfare economics.

Construction materials are segregated from total unfinished products because such a series is useful as an indicator of changes in the volume of construction.

## B THE ESTIMATES

Table I 1 gives the estimates of output by minor groups and also the values of exports that are subtracted and of imports that are added in calculating the amounts destined for domestic consumption in 1869, 1879, and annually 1889–1919. Table I 2 extends the estimates of the values destined for domestic consumption through 1939. From 1919 to 1933 the extensions are based on Kuznets' estimates, which we adjusted to improve comparability with the figures for earlier years.<sup>8</sup> As indicated in Part II, Section D, many of the adjustments are improvements of the original estimates. After 1933 the extensions are merely rough extrapolations.<sup>9</sup>

The steps taken in preparing Tables I 1 and I 2 are described in Parts II and III. In Part II the compilation of detailed data for manufactured products for census years through 1919, the specific problems of intercensal estimates, the basic data for nonmanufactured products, and the estimates since 1919 are discussed in turn. At every stage the effects and validity of the various decisions are appraised; and where possible, comparisons are made with alternative estimates or methods.

In Part III the export and import data for the years before 1919 are discussed. Deficiencies in the statistics, problems of classification, and the adjustments necessary to translate export values as reported into values

<sup>8</sup> Since they were not needed for the analysis in Section C we did not develop similar extensions for the output series.

<sup>9</sup> With the detailed data that became available after these extensions were made, the estimates since 1933 and particularly for 1938 and 1939 could be improved. Revisions were not attempted for several reasons. All estimates for recent years will be superseded when the Department of Commerce study (see Preface) is published. Moreover, inspection of the detailed data indicated that the conclusions reached in the analysis of movements over time in Part I, Section C, would not be affected.

corresponding to those of output at producers' prices are described. The relative importance of the various export-import adjustments and of the changes over time are noted.

Having passed from total values of output to values destined for domestic consumption the next step in the estimating procedure was to adjust the latter series for changes in prices.<sup>10</sup> In Table I 3 they are expressed in 1913 prices. Owing to a lack of specific price indexes, not all groups are *separately* deflated in all years. Those that are not, are adjusted by the average price index for the other groups within an apposite major group. By this technique it was possible to express the major group totals in 1913 prices.

The sources of the price data and the construction of the indexes are described in Part IV. Problems of deflating estimates in current prices to obtain approximate measures of physical output are discussed in terms both of the limitations of such adjustments and of the construction of each index. Although the deficiencies in some of the price indexes probably make the estimates in 1913 prices less accurate than the basic ones in current prices, we believe the series in 1913 prices are reliable enough to warrant their use for measuring approximate changes in output.

To the extent that the price indexes reflect quality changes, the estimates in 1913 prices would tend to have a downward bias if quality were improving, and an upward one if quality were deteriorating.<sup>11</sup> Since the quality of most commodities improved during the period and at least some of the improvement is reflected in our price indexes, it is likely that the long term increases in the estimates in 1913 prices are slightly understated.

The effects of the price adjustments on intergroup relations are discussed in the next section.

## C MOVEMENTS OVER TIME

### 1 *Rates of Growth and Changes in Composition*

From 1879 to 1939 the total value, in current prices, of finished commodities destined for domestic consumption increased at an average annual rate of 4.0 percent; in 1913 prices, at an average annual rate of only

<sup>10</sup> The price indexes used are shown in Table IV 1 and are also appropriate for deflating the output series.

<sup>11</sup> A change in quality is just as much a change in output, as we define it, as in units produced. See Part IV for further discussion.

3.2 percent.<sup>12</sup> The difference reflects the long term rise in prices. But even the lower rate means a doubling of output every 22 years. Meanwhile, population was growing at an average annual rate of only 1.3 percent; it rose less than twofold in the entire 60 years.

The rates of growth for both durable groups considerably exceed those for the nondurable, and that for the consumer durable is highest of all (Table 2). Growing at an average annual rate of 5 percent, consumer

TABLE 2

Value of Finished Commodities destined for Domestic Consumption  
Major Commodity Groups, Producers' Current and 1913 Prices  
Average Annual Rate of Growth, 1879-1939, and  
Percentage Shares, 1879, 1939, 1879-1888, and 1929-1938\*

|   | PERISH-<br>ABLE | CONSUMER<br>SEMI-<br>DURABLE | DURABLE | PRODUCER<br>DURABLE | ALL<br>FINISHED<br>COMMODITIES |
|---|-----------------|------------------------------|---------|---------------------|--------------------------------|
| VALUE IN PRODUCERS' CURRENT PRICES      |                 |                              |         |                     |                                |
| Av. annual rate of growth,<br>1879-1939 | +3.7            | +3.7                         | +5.0    | +4.3                | +4.0                           |
| Percentage Shares                       |                 |                              |         |                     |                                |
| 1879                                    | 58.0            | 24.1                         | 8.8     | 9.1                 | 100.0                          |
| 1939                                    | 51.8            | 18.4                         | 16.0    | 13.8                | 100.0                          |
| Absolute change                         | -6.2            | -5.7                         | +7.2    | +4.7                |                                |
| Average 1879-88*                        | 57.8            | 22.6                         | 9.3     | 10.4                | 100.0                          |
| Average 1929-38                         | 54.1            | 18.6                         | 14.9    | 12.4                | 100.0                          |
| Absolute change                         | -3.6            | -4.0                         | +5.6    | +2.0                |                                |
| VALUE IN PRODUCERS' 1913 PRICES         |                 |                              |         |                     |                                |
| Av. annual rate of growth,<br>1879-1939 | +2.9            | +2.9                         | +4.7    | +3.6                | +3.2                           |
| Percentage Shares                       |                 |                              |         |                     |                                |
| 1879                                    | 60.5            | 21.3                         | 9.6     | 8.6                 | 100.0                          |
| 1939                                    | 52.8            | 16.0                         | 18.1    | 13.1                | 100.0                          |
| Absolute change                         | -7.7            | -5.3                         | +8.5    | +4.5                |                                |
| Average 1879-88*                        | 59.6            | 20.4                         | 10.0    | 10.0                | 100.0                          |
| Average 1929-38                         | 52.2            | 17.9                         | 17.5    | 12.4                | 100.0                          |
| Absolute change                         | -7.4            | -2.5                         | +7.5    | +2.4                |                                |

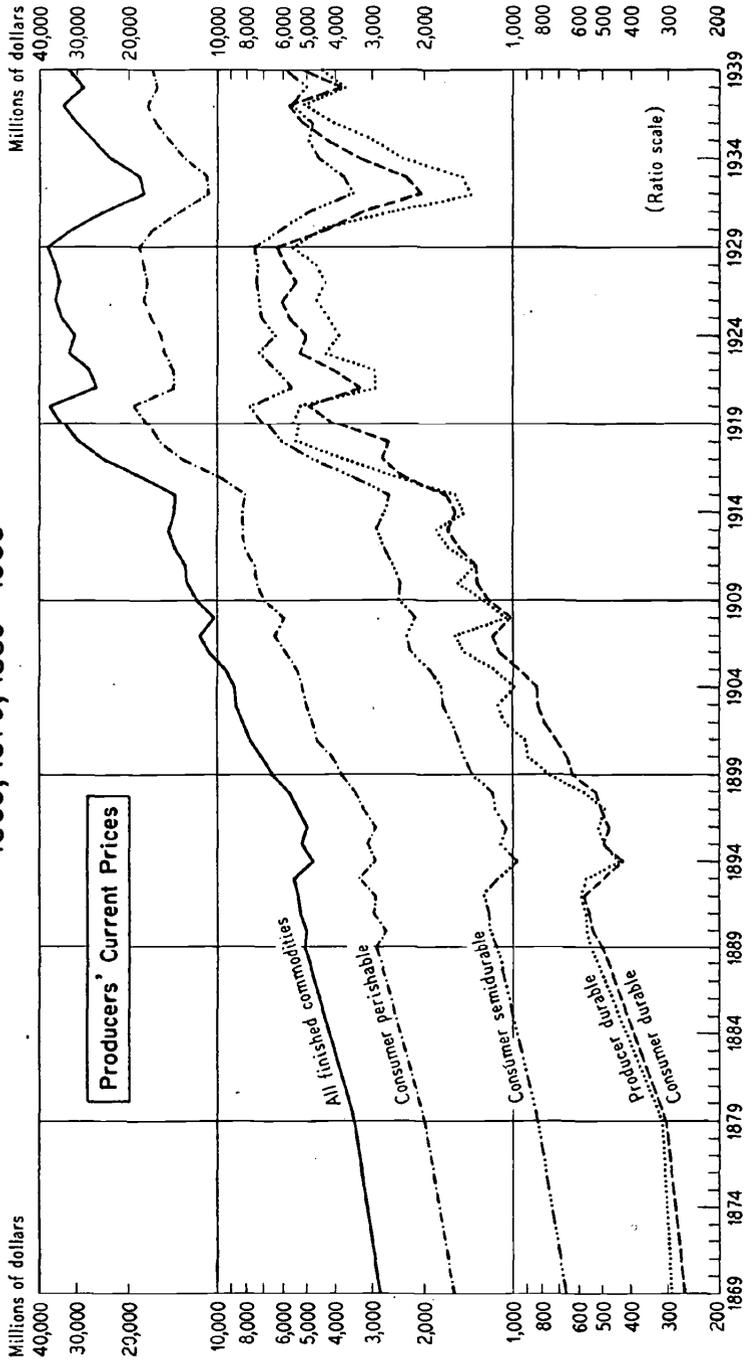
\* The averages for 1879-88 in this and certain subsequent tables are based on rough interpolations of the 1879 and 1889 Census year estimates. The interpolations are not believed accurate enough to warrant their presentation as annual series in Tables I 1 and I 3.

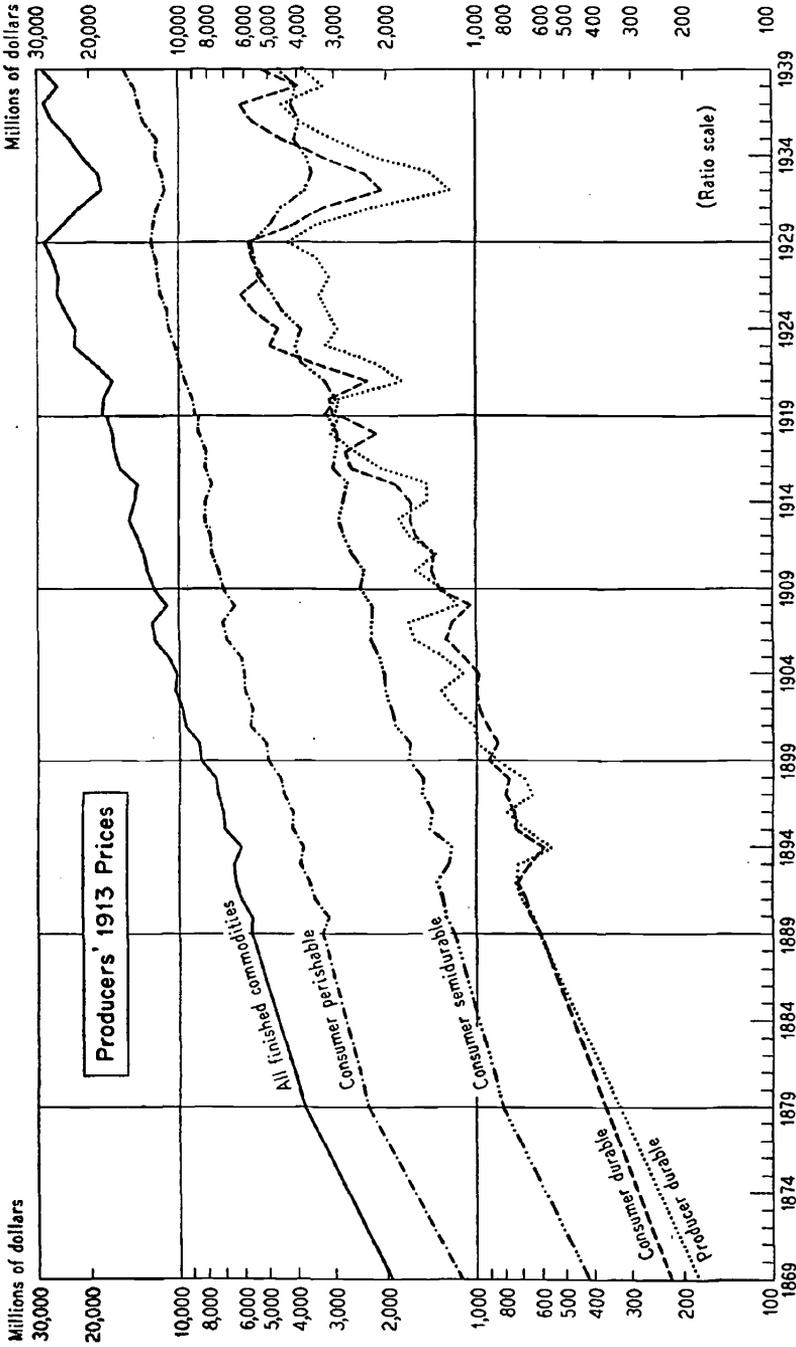
durable commodities in current prices gained more than one-third again as rapidly as nondurable.

By removing the long term price rises of some 10 to 20 percent, measurement in 1913 prices reduces the rates of growth of all groups. Nevertheless, since the calculated price indexes for durable commodities rose less than those for nondurable, the intergroup differences are bigger. The 4.7 percent rate for consumer durable commodities in 1913 prices, which

<sup>12</sup> Average annual rates of growth were computed by using Glovers' method to fit exponential curves to the original data.

CHART 2  
**Values, Major Groups of Finished Commodities Destined for Domestic Consumption  
 1869, 1879, 1889, 1899, 1909, 1914, 1919, 1924, 1929, 1934, 1939**





is only slightly below that in current prices, is almost two-thirds higher than the rates for the nondurable groups, which fall far short of the corresponding rates in current prices.

The higher rates of growth for the durable groups mean that these categories increased in relative importance during the six decades. In current prices the share of consumer durable commodities alone rose from 8.8 percent of all finished commodities in 1879 to 16.0 percent in 1939; in 1913 prices from 9.6 to 18.1 percent; that of producer durable rose from 9.1 to 13.8 and 8.6 to 13.1 percent in current and 1913 prices respectively.<sup>13</sup> Similar shifts are observed when the averages for 1879-88 are compared with those for 1929-38 although, since the interval 1929-38 includes the great depression, they are somewhat less pronounced.

From these shifts in composition it may be inferred that the structure of the commodity producing economy changed considerably. Some understanding of the changes is gained through study of the more detailed commodity classification in Table 3.

It is apparent immediately that most of the expansion in total consumer durable commodities was due not to older products but to three new classes: automotive equipment, household electrical appliances, and radios. To some extent these new classes superseded older ones—motor vehicles and parts taking the place of horse-drawn vehicles; electrical appliances, of nonelectrical; radios, of musical instruments and phonographs. But their values soon exceeded the peaks reached by the older classes. The value of passenger cars and replacement parts alone averaged more than \$2.6 billion or almost 8 percent of the average for all finished commodities in 1929 and 1939. The contribution of electrical appliances and radios was smaller; but even they averaged \$535 million in 1929 and 1939, or about 1.5 percent of the average value for all commodities.

In addition to altering the composition of the consumer durable group, the growth of the automotive industry was reflected in the other major commodity groups: in the perishable group, by the pronounced rise in manufactured petroleum products, in the semidurable, by that in tires and tubes, and in the producer durable group, by the more obvious increases in trucks and tractors and by the partly concealed increases in the machinery group that must have resulted from the demand for special automotive machinery and tools. No automotive products were made in 1879 and

<sup>13</sup> If all groups were measured at final cost to users, the share of the producer durable group would be smaller since transportation charges and distributive mark-ups are relatively less important than for other groups. Measurement at producers' prices instead of final cost would thus seem to overstate slightly the share of producer durable commodities. But the effects on the relative movements of the various groups are probably very small.

**TABLE 3**  
**Value of Finished Commodities**  
**Averages of 1879 and 1889, 1929 and 1939**  
**Major and Minor Commodity Groups, Producers' Current Prices**

|   | MILLIONS OF<br>DOLLARS |                  | PERCENTAGE<br>SHARES |                  |
|---|------------------------|------------------|----------------------|------------------|
|   | 1879<br>AND 1889       | 1929<br>AND 1939 | 1879<br>AND 1889     | 1929<br>AND 1939 |
| Consumer Perishable, Total  | 2,450.9                | 17,419.8         | 57.52                | 50.04            |
| 1a Food & kindred prod., mfd.   | 1,198.6                | 9,279.8          | 28.13                | 26.66            |
| 1b Food & kindred prod., nonmfd.  | 836.6                  | 3,770.6          | 19.63                | 10.83            |
| 2 Cigars, cigarettes, & tobacco   | 161.1                  | 1,283.8          | 3.78                 | 3.69             |
| 3 Drug, toilet, & household preparations                                  | 61.0                   | 934.0            | 1.43                 | 2.68             |
| 4 Magazines, newspapers, stationery & supplies & misc. paper prod.        | 77.7                   | 641.2            | 1.82                 | 1.84             |
| 5a Fuel & lighting prod., mfd.  | 49.6                   | 1,219.6          | 1.16                 | 3.50             |
| 5b Nonmfd. fuels  | 66.4                   | 290.8            | 1.56                 | 0.84             |
| Consumer Semidurable, Total   | 980.6                  | 6,662.9          | 23.01                | 19.14            |
| 6 Dry goods & notions   | 272.4                  | 766.2            | 6.39                 | 2.20             |
| 7 Clothing & personal furnishings   | 459.5                  | 3,993.4          | 10.78                | 11.47            |
| 8 Shoes & other footwear  | 204.9                  | 929.2            | 4.81                 | 2.67             |
| 9 Housefurnishings (semidurable)  | 24.2                   | 403.0            | 0.57                 | 1.16             |
| 10 Toys, games, & sporting goods  | 19.6                   | 216.4            | 0.46                 | 0.62             |
| 11 Tires & tubes  |                        | 354.6            |                      | 1.02             |
| Consumer Durable, Total   | 401.8                  | 5,704.0          | 9.43                 | 16.39            |
| 12 Household furniture  | 79.3                   | 531.6            | 1.86                 | 1.53             |
| 13a Heating & cooking apparatus & household appliances, except electrical | 31.0                   | 317.5            | 0.73                 | 0.91             |
| 13b Electrical household appliances & supplies                            |                        | 255.2            |                      | 0.73             |
| 13c Radios  |                        | 280.2            |                      | 0.80             |
| 14 Housefurnishings (durable)   | 77.2                   | 625.8            | 1.81                 | 1.80             |
| 15 China & household utensils   | 38.8                   | 255.5            | 0.91                 | 0.73             |
| 16 Musical instruments  | 21.2                   | 79.9             | 0.50                 | 0.23             |
| 17 Jewelry, silverware, clocks & watches                                  | 58.9                   | 332.8            | 1.38                 | 0.96             |
| 18 Printing & publishing: books   | 26.8                   | 169.9            | 0.63                 | 0.49             |
| 19 Luggage  | 8.9                    | 55.2             | 0.21                 | 0.16             |
| 20a Passenger vehicles, motor   |                        | 2,149.9          |                      | 6.18             |
| 20b Motor vehicle accessories   |                        | 490.4            |                      | 1.41             |
| 20c Passenger vehicles, horse-drawn, & accessories                        | 44.6                   | *                | 1.05                 | *                |
| 21 Motorcycles & bicycles   | 1.0                    | 20.8             | 0.02                 | 0.06             |
| 22 Pleasure craft   | 1.2                    | 22.7             | 0.03                 | 0.07             |
| 23 Ophthalmic products & artificial limbs                                 | 1.6                    | 74.4             | 0.04                 | 0.21             |
| 24 Monuments & tombstones   | 11.4                   | 42.2             | 0.27                 | 0.12             |
| Producer Durable, Total   | 427.8                  | 5,025.3          | 10.04                | 14.44            |
| 25a Industrial machinery & equipment                                      | 141.6                  | 1,802.8          | 3.32                 | 5.18             |
| 25b Tractors  |                        | 140.1            |                      | 0.40             |
| 26 Electrical equipment, industrial & commercial                          | 7.5                    | 789.0            | 0.18                 | 2.27             |
| 27 Farm equipment   | 75.6                   | 465.9            | 1.77                 | 1.34             |
| 28 Office & store machinery & equipment                                   | 5.9                    | 194.4            | 0.14                 | 0.56             |
| 29 Office & store furniture & fixtures                                    | 20.8                   | 235.7            | 0.49                 | 0.68             |
| 30 Locomotives & rr. cars   | 61.8                   | 199.9            | 1.45                 | 0.57             |
| 31 Ships & boats  | 22.0                   | 158.8            | 0.52                 | 0.46             |
| 32a Business vehicles, motor  |                        | 471.3            |                      | 1.35             |
| 32b Business vehicles, horse-drawn  | 23.2                   | *                | 0.54                 | *                |
| 33 Aircraft   |                        | 73.4             |                      | 0.21             |
| 34 Professional & scientific equipment                                    | 2.2                    | 80.2             | 0.05                 | 0.23             |
| 35 Carpenters & mechanics' tools  | 17.1                   | 102.0            | 0.40                 | 0.29             |
| 36 Misc. subsidiary durable equipment                                     | 50.2                   | 311.8            | 1.18                 | 0.90             |
| All Finished Commodities  | 4,261.0                | 34,812.0         | 100.00               | 100.00           |

\* Included with farm equipment.

1889; their average value for 1929 and 1939 constituted at least 15 percent of the average for all finished commodities.

This tremendous growth takes on added significance when it is recalled that passenger cars and the larger electrical appliances are commodities that can be sold in large quantities only when purchasing power and the standard of living are relatively high. Moreover, to the degree that their purchase can be readily postponed, their production is subject to rather violent cyclical fluctuations. If they make up a large segment of all finished commodities, the fluctuations in their output can have serious repercussions on manufacturing and in turn on the economy as a whole.

Other intragroup shifts also influenced the major groups during the long period. In recent decades the relatively greater consumption of packaged foods and the marked rise in drug, toilet, and household preparations all helped to maintain the share of the perishable group. In the semidurable group the increased production of ready-made clothing accounts for the relative stability of the clothing group and for the decline in the relative standing of dry goods. The share of the shoe group declined; while that of light housefurnishings increased. Within the consumer durable group many of the old-line commodities at least held their own.

Notable in the producer durable group is the long term rise in the output of electrical equipment. From an average of \$7 million for 1879 and 1889, or less than .2 percent of the average for all finished commodities, it rose to an average of almost \$800 million for 1929 and 1939, or 2.3 percent of the average total. This rise, together with the increases in machinery and trucks and tractors, more than balanced a sizable decline in the relative importance of railroad equipment and is chiefly responsible for the larger share of the producer durable group in recent decades.

## 2 *Variations from Decade to Decade*

In the preceding section we emphasized the longer run changes in the pattern of output by making comparisons at the beginning and end of the period covered by the estimates. Here we show the development of these changes through the decades by examining the inter-decade variations.

Ten-year averages are long enough to dampen cyclical and random fluctuations yet short enough to reveal the relative persistence of trends. True, the end years of the decades may be in different phases of business cycles, thereby failing to minimize the influence of cyclical fluctuations. But ex-

perimentation with other time units indicated movements similar to those in the decade averages.<sup>14</sup>

a *Variations in absolute figures*

For the total value of finished commodities in current prices, the change in the decade averages is less than 14 percent from 1879-88 to 1889-98, rises sharply during the following three decades to a high of 96 percent from 1909-18 to 1919-28, then turns decidedly negative from 1919-28 to 1929-38 (Table 4).

TABLE 4  
Value of Finished Commodities and Price Indexes  
Major Commodity Groups, Producers' Current and 1913 Prices,  
and Price Indexes  
Percentage Change in Decade Averages

|                                    | 1879-88<br>TO<br>1889-98 | 1889-98<br>TO<br>1899-1908 | 1899-1908<br>TO<br>1909-18 | 1909-18<br>TO<br>1919-28* | 1919-28<br>TO<br>1929-38 | MEAN<br>CHANGE | AVERAGE<br>DEVIATION |
|------------------------------------|--------------------------|----------------------------|----------------------------|---------------------------|--------------------------|----------------|----------------------|
| VALUE IN PRODUCERS' CURRENT PRICES |                          |                            |                            |                           |                          |                |                      |
| Consumer Perishable                | 14.5                     | 68.4                       | 82.2                       | 77.0                      | -11.0                    | 46.2           | 35.6                 |
| Consumer Semidurable               | 9.6                      | 58.9                       | 81.7                       | 111.9                     | -27.4                    | 46.9           | 44.7                 |
| Consumer Durable                   | 19.4                     | 70.8                       | 108.7                      | 174.4                     | -19.0                    | 70.9           | 56.6                 |
| Producer Durable                   | 11.9                     | 106.0                      | 103.4                      | 92.0                      | -21.7                    | 58.3           | 50.6                 |
| All Finished Commodities           | 13.6                     | 70.4                       | 87.3                       | 96.5                      | -17.1                    | 50.1           | 41.5                 |
| PRICE INDEXES                      |                          |                            |                            |                           |                          |                |                      |
| Consumer Perishable                | -12.5                    | 6.2                        | 38.4                       | 36.8                      | -25.9                    | 8.6            | 23.2                 |
| Consumer Semidurable               | -17.9                    | 4.7                        | 31.6                       | 48.5                      | -32.5                    | 6.9            | 26.5                 |
| Consumer Durable                   | -16.4                    | 14.3                       | 16.0                       | 20.5                      | -16.9                    | 3.5            | 16.1                 |
| Producer Durable                   | -17.9                    | 13.2                       | 26.8                       | 31.0                      | -24.2                    | 5.8            | 21.5                 |
| All Finished Commodities           | -14.7                    | 6.1                        | 33.8                       | 34.0                      | -25.6                    | 6.7            | 21.7                 |
| VALUE IN PRODUCERS' 1913 PRICES    |                          |                            |                            |                           |                          |                |                      |
| Consumer Perishable                | 31.6                     | 56.6                       | 31.1                       | 31.8                      | 18.6                     | 33.9           | 9.0                  |
| Consumer Semidurable               | 33.8                     | 49.8                       | 37.5                       | 49.9                      | 2.7                      | 34.7           | 13.2                 |
| Consumer Durable                   | 41.9                     | 47.1                       | 80.6                       | 138.4                     | -6.1                     | 60.4           | 39.3                 |
| Producer Durable                   | 36.8                     | 81.9                       | 51.0                       | 56.9                      | 1.8                      | 45.7           | 21.1                 |
| All Finished Commodities           | 33.6                     | 56.7                       | 39.7                       | 52.2                      | 8.4                      | 38.1           | 13.7                 |

\* The changes from the averages for 1909-18 to those for 1919-28 are slightly distorted because the data for the years before 1919 are not strictly comparable with those after 1919. However, the distortions are too small to affect conclusions drawn from comparing the changes in the decade averages.

<sup>14</sup> E.g., when we used peak years of business cycles as terminal years and stayed as close to decades as possible, we found that the periods varied from 8 to 12 years in length. The movements of the averages for these periods resembled those of the averages for the decades upon which this discussion is based.

Likewise, a more complex analysis based on overlapping decades also gives similar results (see *Occasional Paper 3*, pp. 14-25).

Since the changes in the decade averages for the price index of all finished commodities more or less parallel those of the total in current prices, we must expect fluctuations in the latter to reflect fluctuations in the price index. The extent to which they do during the period as a whole is indicated by comparing the mean average decade changes. For the total in current prices the mean average decade change is 50 percent, for the total in 1913 prices, 38 percent.

The changes in the decade averages for the four major commodity groups show both similarities and differences in behavior. There is marked correspondence between the patterns of commodity values and of the price indexes. The sustained rises through the first four decades as well as the sharp declines from 1919–28 to 1929–38 for each group in current prices are paralleled by the movements in the decade changes of the price indexes. Consequently, for all groups the decade changes for the values in 1913 prices fluctuate less than do those for the values in current prices.

But the degree to which the movements in the price indexes affect the series in current prices differs among the groups. The effect is smallest on the consumer durable group. In fact, despite the narrower fluctuations in the decade changes for each group, the intergroup variability for the series in 1913 prices is wider than for the series in current prices. While the order of increasing variability (perishable, semidurable, producer durable, consumer durable) is the same for the values in both current and 1913 prices, the average deviations in the latter range from 9 to 39 percent; from 36 to 57 percent in the former.

#### b *Variations in shares*

The decade variations in the percentage shares are substantial for the shares in current prices and even more so for the shares in 1913 prices (Table 5). However, in interpreting the variations, the interdependence of the percentages must not be forgotten. We summarize the major movements in the shares of all groups, but we believe that the greater part of what may be termed the generating changes has its source in the durable, i.e., that variations in the shares of the nondurable reflect primarily fluctuations in the values of durable commodities destined for domestic consumption.

In current prices the decade average share of the perishable group hovers around 58 percent through 1899–1908. Sizable declines then take place, especially from 1909–18 to 1919–28. And although the average share of perishable commodities recovers somewhat in the final decade,

which includes years of severe depression, it does not return to the 1909-18 level. In 1913 prices the long term relative decline in the perishable share is accentuated; from an average of 60 percent for 1879-88, it falls almost continuously to 48 percent for 1919-28.

TABLE 5  
Value of Finished Commodities  
Major Commodity Groups, Producers' Current and 1913 Prices  
Percentage Shares, Averages for Successive Decades

|   | 1879-1888 | 1889-1898 | 1899-1908 | 1909-1918 | 1919-1928 | 1929-1938 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| VALUE IN PRODUCERS' CURRENT PRICES            |           |           |           |           |           |           |
| <i>Percentage Shares</i>                      |           |           |           |           |           |           |
| Consumer Perishable                           | 57.8      | 58.2      | 57.5      | 56.0      | 50.4      | 54.1      |
| Consumer Semidurable                          | 22.6      | 21.8      | 20.3      | 19.7      | 21.2      | 18.6      |
| Consumer Durable                              | 9.3       | 9.8       | 9.8       | 10.9      | 15.2      | 14.9      |
| Producer Durable                              | 10.4      | 10.2      | 12.4      | 13.4      | 13.1      | 12.4      |
| <i>Absolute Changes from Decade to Decade</i> |           |           |           |           |           |           |
| Consumer Perishable                           |           | +0.4      | -0.7      | -1.5      | -5.6      | +3.7      |
| Consumer Semidurable                          |           | -0.8      | -1.5      | -0.6      | +1.5      | -2.6      |
| Consumer Durable                              |           | +0.5      | 0.0       | +1.1      | +4.3      | -0.3      |
| Producer Durable                              |           | -0.2      | +2.2      | +1.0      | -0.3      | -0.7      |
| VALUE IN PRODUCERS' 1913 PRICES               |           |           |           |           |           |           |
| <i>Percentage Shares</i>                      |           |           |           |           |           |           |
| Consumer Perishable                           | 59.6      | 58.7      | 58.7      | 55.1      | 47.7      | 52.2      |
| Consumer Semidurable                          | 20.4      | 20.4      | 19.5      | 19.2      | 18.9      | 17.9      |
| Consumer Durable                              | 10.0      | 10.6      | 10.0      | 12.9      | 20.2      | 17.5      |
| Producer Durable                              | 10.0      | 10.3      | 11.9      | 12.8      | 13.2      | 12.4      |
| <i>Absolute Changes from Decade to Decade</i> |           |           |           |           |           |           |
| Consumer Perishable                           |           | -0.9      | 0.0       | -3.6      | -7.4      | +4.5      |
| Consumer Semidurable                          |           | 0.0       | -0.9      | -0.3      | -0.3      | -1.0      |
| Consumer Durable                              |           | +0.6      | -0.6      | +2.9      | +7.3      | -2.7      |
| Producer Durable                              |           | +0.3      | +1.6      | +0.9      | +0.4      | -0.8      |

The pattern of the average share of the semidurable group is less clear. In current prices it declines slightly and without interruption through 1909-18, rises during the next decade, then declines further. In 1913 prices it declines moderately but continuously.

The more striking shifts in composition are the larger shares of the durable groups, especially consumer durable. In current prices its average share rises from less than 10 percent in the early decades to more than 15 in the later. But this substantial gain is not evenly distributed: the greater part occurs in the single decade 1919-28. For 1909-18 the average share is 11 percent; for 1919-28, 15. Moreover, despite the severe curtailment in production during the depression of the 1930's, the share of the consumer durable group continues to average about 15 percent of total output during 1929-38.

In 1913 prices the rise in the share of the consumer durable group is even more marked. After hovering around 10 percent through 1899–1908, it increases to 13 for 1909–18, and to 20 for 1919–28. Even though the ensuing decline is more severe than that in the current price shares, the group still averages 17.5 percent during 1929–38.

In all six decades the average percentage shares in 1913 prices are higher than those in current prices. The difference is especially marked for 1919–28 when consumer durable commodities constitute one-fifth of the total in 1913 prices, but less than one-sixth of the total in current prices.

The average share of producer durable commodities in current prices declines very slightly from 1879–88 to 1889–98. It then increases fairly sharply during the next two decades, reaching a peak above 13 percent in the interval that included the first World War. Following 1909–18, successive declines bring it to 12 percent by 1929–38. Correction for price changes has little effect either on the size or on the movements of the shares. However, in 1913 prices the peak share is attained not during 1909–18 but during 1919–28.

To summarize: until 1919–28 the total of finished commodities destined for domestic consumption does not change appreciably in composition. The concentration of the gain in the average share of durable goods in this decade emphasizes how much large scale production of automobiles and electrical appliances affected the economy. The decade averages for 1929–38 reveal the first major interruption to the long term rise in the relative importance of durable commodities. Whether this interruption was a consequence of the extraordinary acceleration in the 1920's or the beginning of a period in which the durable groups will no longer better their position—war and immediate postwar activity excepted—cannot now be determined. The longer run comparisons, however, do suggest that the experience of the 1930's was a distinct departure from the trend to that time.

### 3 *Behavior during Business Cycles*

How did the output series and the price indexes behave during business cycles? What were the fluctuations and how well did the series conform to cyclical turning points? Were there any long term tendencies in the amplitude of fluctuation or in the apparent conformity?

#### a *Variations in amplitude*

To calculate amplitude we first marked off the trough and peak years for

CHART 3

Amplitude of Expansion and Contraction in Successive Specific Cycles between 1889 and 1939

Major Commodity Groups; Current and 1913 Prices, and Price Indexes

A VALUES IN CURRENT PRICES

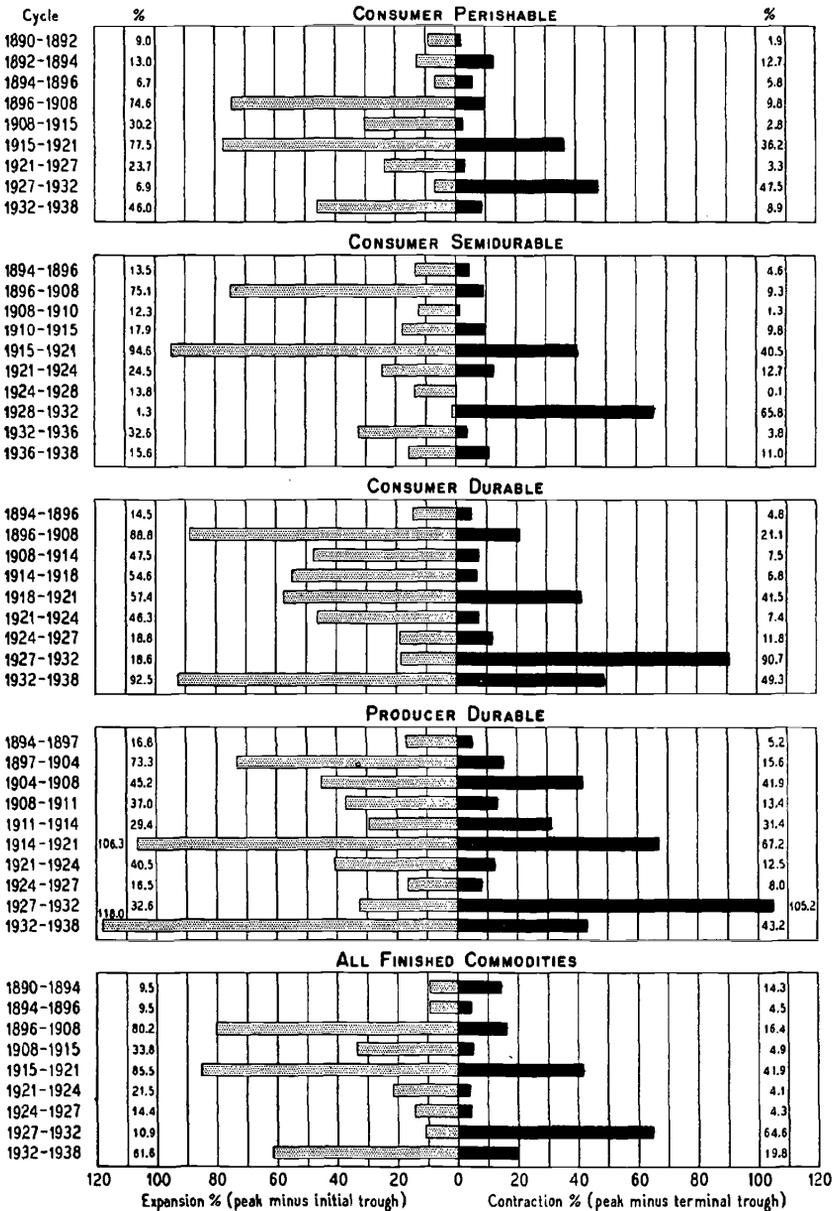


CHART 3 (Continued)

Amplitude of Expansion and Contraction in Successive Specific Cycles between 1889 and 1939 Major Commodity Groups; Current and 1913 Prices, and Price Indexes

B PRICE INDEXES

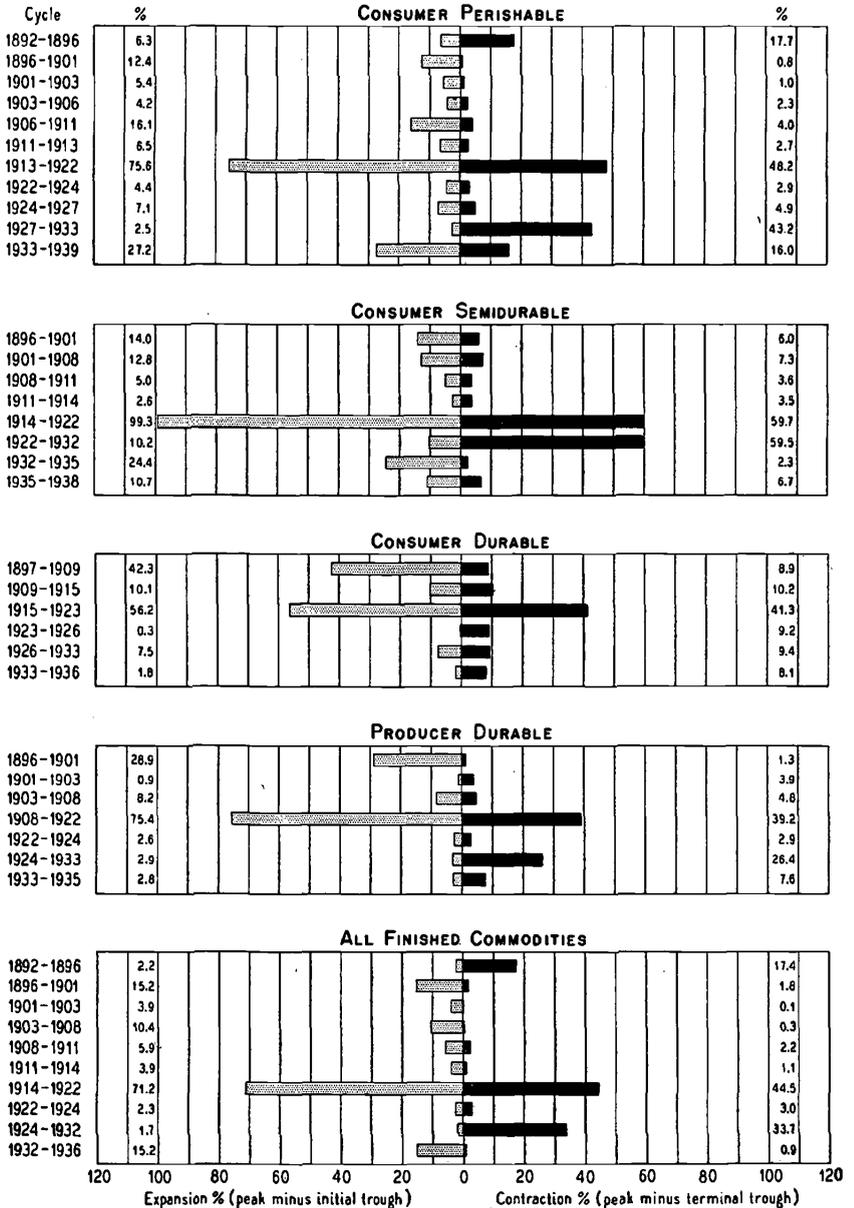
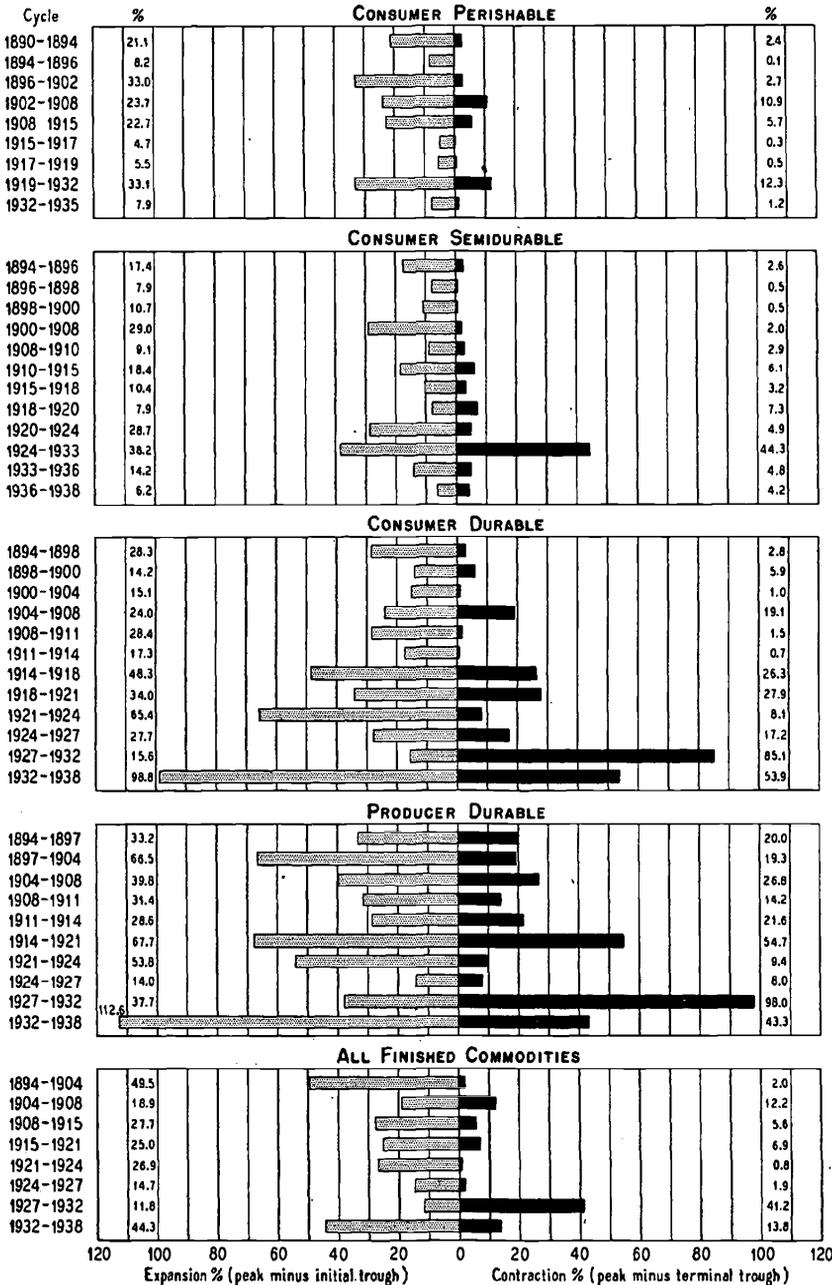


CHART 3 (Concluded)

**Amplitude of Expansion and Contraction in Successive Specific Cycles between 1889 and 1939**  
**Major Commodity Groups; Current and 1913 Prices, and Price Indexes**

**C VALUES IN 1913 PRICES**



each series. Then, measuring from trough to trough, we expressed the values at the initial trough, the peak, and the terminal trough of each cycle as percentages of the average value for the entire cycle.<sup>15</sup> The differences among these percentages, or specific cycle relatives, indicate the relative rises and falls during expansions and contractions as well as the total swings from trough to trough.

The cyclical behavior of the commodity series and price indexes, as revealed by the specific cycle relatives (Chart 3), confirms the conclusion obvious from our discussion of the broader changes: that as a whole the period is characterized essentially by expanding output and rising prices. For the total values in current and 1913 prices and for the price index of all finished commodities, the differences between the average standing at the trough and peak years of most cycles show that the increases from initial trough to peak are much greater than the declines from peak to terminal trough. The major exceptions, of course, are in the cycles that include the great contraction of the 'thirties. This contraction is responsible for the decisive interruption in that decade to the long term rises.

The main reason for the markedly greater increases from initial troughs to peaks in nearly all cycles prior to the 'thirties is obvious. Expansions usually lasted longer than contractions. If the relative rises and falls are computed on a per year basis, the differences narrow considerably. In fact, there are fairly numerous instances of a higher *rate* of contraction.

Comparison of the average measures of amplitude for the cycles preceding and following World War I (Table 6) suggests certain long run tendencies. The average total swings for all finished commodities in current prices and for the corresponding price index are decidedly higher in the later cycles. But the averages for all finished commodities in 1913 prices differ only negligibly—the effect of removing the influence of the variations in the price index.

More striking than the changes in total swings are those in the average rises and falls. Since changes in the rises and falls can offset one another,

<sup>15</sup> This is a simplified description. For example, to avoid overweighting the trough years, the value for each trough year is given one-half weight, for when cycles are measured from trough to trough the terminal trough of one cycle is always the initial trough of the succeeding cycle. For a complete description see *Measuring Business Cycles* by Arthur F. Burns and Wesley C. Mitchell (National Bureau of Economic Research, 1946).

In interpreting our results the reader should keep in mind the limitations of annual series for measuring cyclical behavior. Mild contractions, for example, are likely to be concealed when the secular trend is rising. Moreover, since annual series average and cancel fluctuations within each year, the amplitude tends to be less than in monthly or quarterly data.

TABLE 6

Value of Finished Commodities and Price Indexes  
Major Commodity Groups, Producers' Current and 1913 Prices  
Averages of Specific Cycle Relatives for Cycles before and after World War I\*

|                                    | PRE WAR CYCLES<br>AVERAGE |      |      | POST WAR CYCLES<br>AVERAGE |     |      |      |                |
|------------------------------------|---------------------------|------|------|----------------------------|-----|------|------|----------------|
|                                    | No.                       | Rise | Fall | Total<br>Swing             | No. | Rise | Fall | Total<br>Swing |
| VALUE IN PRODUCERS' CURRENT PRICES |                           |      |      |                            |     |      |      |                |
| Consumer Perishable                | 5                         | 26.7 | 6.6  | 33.3                       | 3   | 25.5 | 19.9 | 45.4           |
| Consumer Semidurable               | 4                         | 29.7 | 6.2  | 35.9                       | 5   | 17.5 | 18.7 | 36.2           |
| Consumer Durable                   | 3                         | 50.3 | 11.1 | 61.4                       | 4   | 44.0 | 39.8 | 83.8           |
| Producer Durable                   | 5                         | 42.3 | 21.5 | 63.8                       | 4   | 51.9 | 42.2 | 94.1           |
| All Finished Commodities           | 4                         | 33.3 | 10.0 | 43.3                       | 4   | 27.1 | 23.2 | 50.3           |
| PRICE INDEXES                      |                           |      |      |                            |     |      |      |                |
| Consumer Perishable                | 6                         | 8.4  | 4.8  | 13.2                       | 4   | 10.2 | 16.8 | 27.0           |
| Consumer Semidurable               | 4                         | 8.6  | 5.1  | 13.7                       | 3   | 15.1 | 22.8 | 37.9           |
| Consumer Durable                   | 2                         | 26.2 | 9.6  | 35.8                       | 3   | 3.2  | 8.9  | 12.1           |
| Producer Durable                   | 3                         | 12.7 | 3.3  | 16.0                       | 3   | 2.8  | 12.3 | 15.1           |
| All Finished Commodities           | 6                         | 6.9  | 3.8  | 10.7                       | 3   | 6.4  | 12.5 | 18.9           |
| VALUE IN PRODUCERS' 1913 PRICES    |                           |      |      |                            |     |      |      |                |
| Consumer Perishable                | 5                         | 21.7 | 4.4  | 26.1                       | 2   | 20.4 | 6.8  | 27.2           |
| Consumer Semidurable               | 6                         | 15.4 | 2.4  | 17.8                       | 4   | 21.8 | 14.6 | 36.4           |
| Consumer Durable                   | 6                         | 21.2 | 5.2  | 26.4                       | 4   | 51.9 | 41.1 | 93.0           |
| Producer Durable                   | 5                         | 39.9 | 20.4 | 60.3                       | 4   | 54.5 | 39.7 | 94.2           |
| All Finished Commodities           | 3                         | 32.0 | 6.6  | 38.6                       | 4   | 24.4 | 14.4 | 38.8           |

\* The war year cycles are excluded from the averages.

there can be large differences in the expansions and contractions measured separately even when total swings are much the same.

The averages in Table 6 well illustrate this point. Average rises in the later cycles are smaller than in the earlier; average falls are much bigger. Indeed, the differences between the average falls are far greater than those between the total swings.

The striking increases in average contractions—from 12 to 23 per cent for all finished commodities in current prices, from 4 to 12 percent in the corresponding price index, and from 7 to 14 percent for the total measured in 1913 prices—are due to the inclusion of the severe decline of 1929–32 in the postwar cycle averages. When that contraction is excluded, the apparent tendency toward progressively severe contractions in the later cycles disappears (Chart 3).<sup>18</sup>

In fact, if the contractions in the later cycles are averaged excluding the 1929–32 decline, the averages are slightly smaller than those of the earlier cycles for the commodity totals and considerably smaller for the

<sup>18</sup> However, even the continuance of approximately similar amplitudes has significant implications. For, *ceteris paribus*, contractions of the same relative magnitude give rise to graver problems of unemployment as an economy becomes more industrialized.

price index. The average contraction for all finished commodities in current prices is reduced to 9, that for the price index to 2, and that for the total in 1913 prices to 6 percent.

Whatever tendency there may be toward progressively severe contractions originates chiefly in the consumer durable group. As noted above, its share was appreciably larger after World War I. And it is this group whose average fall increased most—threefold for the value in current prices and sevenfold for the value in 1913 prices.<sup>17</sup>

Table 6 also reveals striking intergroup differences in amplitude. In the prewar sets of cycles, the average total swings are much wider for the durable group valued in current prices than for the nondurable. But except for a wide average swing in the price index for the consumer durable group—due chiefly to a large average rise—the intergroup differences in the average swings for the price indexes are small.

The average swings for the groups valued in 1913 prices, narrower than the corresponding swings in the groups valued in current prices, reflect the removal of the influence of variations in the price indexes. Since the narrowing is especially notable in the average swing for the consumer durable group, only the producer durable is left with a swing considerably wider than those for the other groups in 1913 prices.

In the postwar cycle averages, the intergroup differences are even more marked. The average total swings for the durable groups valued in current prices are about twice those for the nondurable. But for the price indexes the opposite is true. The swings for the nondurable groups are at least twice those for the durable. Consequently, for the groups valued in 1913 prices the average total swings for the durable are almost three times as wide as for the nondurable.

Finally, comparison of the average rises and falls in the prewar and postwar cycles reveals an interesting development common to all groups, both for the measures in current and 1913 prices and for the price indexes. In the earlier sets of cycles the average rises are much greater than the average falls. In the later sets the average rises still exceed the falls for the groups valued in current and 1913 prices but by a considerably smaller margin. For the price indexes the average falls are greater than the average rises.

<sup>17</sup> The greater part of these increases can be traced to the rise in the importance of passenger car output.

### b *Variations in conformity*

To measure the consistency with which a series responds to 'reference' cycle expansions and contractions, we use indexes of conformity.<sup>18</sup> First, we credit a series with +100 for every rise during an expansion or decline during a contraction, with -100 for every decline during an expansion or rise during a contraction, and with 0 when there is no change; then we take an arithmetic mean of all the entries.

The conformity indexes for the complete business cycle are based on the total average swings.<sup>19</sup> They are usually higher than simple averages of the corresponding expansion and contraction indexes, because when total swings are considered, a series may be said to conform to the complete cycle not only when there is conformity during both expansion and contraction, but also when a per year rise during the contraction is less than during the expansion, or when a per year decline during the expansion is less than during the contraction.

In a growing economy—characterized mainly by expansions—there is some reason to expect more consistency in the rises of production series during expansions than in the declines during contractions. The behavior of the conformity indexes for the thirteen cycles in 1891–1938 fulfills this expectation. For the total value of finished commodities in current prices there is perfect conformity during expansions but an index of only +38 during contractions. A similar though less close correspondence is revealed by the indexes of the total value in 1913 prices.

Changes in the price index of all finished commodities, however, consistently conform more closely during contractions, which suggests that prices may be more sensitive to declining phases of business cycles.

The conformity indexes calculated for complete cycles indicate that the turning points of all three series for total finished commodities agree fairly well with reference cycle dates. Even the conformity index for prices is fairly high; while the index of +84 for the total value in 1913

<sup>18</sup> The reference cycle dates, i.e., the turning points in the business activity of the economy as a whole, established in the National Bureau study of business cycles, give the following trough and peak years: trough—1891, 1894, 1896, 1900, 1904, 1908, 1911, 1914, 1919, 1921, 1924, 1927, 1932, and 1938; peak—1892, 1895, 1899, 1903, 1907, 1910, 1913, 1918, 1920, 1923, 1926, 1929, and 1937.

<sup>19</sup> Separate indexes are computed from trough to trough and from peak to peak. The final index is an arithmetic mean of the separate indexes, each weighted by the number of cycles covered. For further details see Burns and Mitchell, *op. cit.*

prices, which exceeds slightly that for the total value in current prices, implies almost perfect positive conformity.

TABLE 7  
Value of Finished Commodities and Price Indexes  
Major Commodity Groups  
Index of Conformity, 13 Reference Cycles, 1891-1938

|                                    | REFERENCE |             | COMPLETE<br>CYCLE |
|------------------------------------|-----------|-------------|-------------------|
|                                    | EXPANSION | CONTRACTION |                   |
| VALUE IN PRODUCERS' CURRENT PRICES |           |             |                   |
| Consumer Perishable                | +85       | -8          | +92               |
| Consumer Semidurable               | +100      | +23         | +76               |
| Consumer Durable                   | +100      | +38         | +84               |
| Producer Durable                   | +85       | +69         | +76               |
| All Finished Commodities           | +100      | +38         | +76               |
| PRICE INDEXES                      |           |             |                   |
| Consumer Perishable                | +69       | +23         | +50               |
| Consumer Semidurable               | +31       | +62         | +68               |
| Consumer Durable                   | +8        | -8          | -4                |
| Producer Durable                   | -8        | 0           | +12               |
| All Finished Commodities           | +23       | +54         | +60               |
| VALUE IN PRODUCERS' 1913 PRICES    |           |             |                   |
| Consumer Perishable                | +100      | -23         | +60               |
| Consumer Semidurable               | +85       | +23         | +44               |
| Consumer Durable                   | +100      | +69         | +84               |
| Producer Durable                   | +85       | +69         | +76               |
| All Finished Commodities           | +85       | +38         | +84               |

Among the commodity groups the differences in the conformity indexes for contractions are pronounced. For the values in current prices the index for producer durable products implies conformity in 11 of 13 contractions, that for consumer durable in 9, that for semidurable in 8, and that for perishable in only 6.

But the complete cycle indexes of conformity are high for all four groups valued in current prices. In fact, perishable commodities conform most closely, which indicates not only that there was conformity during expansions but also that, although *absolute* declines did not always take place during contractions, the rates of increase usually slackened.

The conformity indexes for the group price indexes do not behave at all like those for the groups valued in current prices. They are considerably higher for the nondurable groups than for the durable. Clearly during the thirteen cycles included in the analysis the price indexes for durable commodities responded less consistently to business cycles than those for nondurable.

Intergroup differences in the fluctuations of the price indexes affect only slightly the conformity indexes for the groups valued in 1913 prices.

The indexes for the expansions and contractions approximate those for the groups valued in current prices. Similarly, the complete cycle indexes for neither the durable groups nor the total value of finished commodities in 1913 prices differ appreciably. However, the complete cycle indexes for nondurables are considerably below those for groups valued in current prices.

When the measures of conformity for the six reference cycles from 1914 to 1938 are compared with those for the seven from 1891 to 1914 few striking changes are revealed (Table 8). The conformity of the total

TABLE 8  
Value of Finished Commodities and Price Indexes  
Complete Cycle Indexes of Conformity  
7 Cycles, 1891 to 1914, and 6 Cycles, 1914 to 1938

|                                    | 7 CYCLES<br>1891 TO 1914 | 6 CYCLES<br>1914 TO 1938 |
|------------------------------------|--------------------------|--------------------------|
| VALUE IN PRODUCERS' CURRENT PRICES |                          |                          |
| Consumer Perishable                | +86                      | +100                     |
| Consumer Semidurable               | +71                      | +82                      |
| Consumer Durable                   | +100                     | +64                      |
| Producer Durable                   | +71                      | +82                      |
| All Finished Commodities           | +71                      | +82                      |
| PRICE INDEXES                      |                          |                          |
| Consumer Perishable                | +14                      | +82                      |
| Consumer Semidurable               | +43                      | +100                     |
| Consumer Durable                   | 0                        | -9                       |
| Producer Durable                   | 0                        | +27                      |
| All Finished Commodities           | +43                      | +82                      |
| VALUE IN PRODUCERS' 1913 PRICES    |                          |                          |
| Consumer Perishable                | +86                      | +27                      |
| Consumer Semidurable               | +72                      | +9                       |
| Consumer Durable                   | +100                     | +64                      |
| Producer Durable                   | +57                      | +100                     |
| All Finished Commodities           | +100                     | +64                      |

value of finished commodities in current prices is slightly higher, and of the total in 1913 prices, decidedly lower, during the last six cycles. Only the conformity index for the price index for all finished commodities increased appreciably.

The changes are somewhat greater in the measures for the separate commodity groups. For all groups in current prices, except consumer durable, the conformity indexes are higher in the recent six cycles. The price indexes for the nondurable groups also conform better; but those for the durable do not conform well in either set of cycles. For the values in 1913 prices the conformity indexes are considerably lower for the nondurable groups and slightly lower for the consumer durable in recent

cycles. For the producer durable group alone is there indication of closer conformity.

Thus with respect to the closeness with which the turning points of the values and price indexes for the four groups conform to reference cycle dates there is considerable inter-group variation as well as several fairly striking differences between the measures for the cycles from 1891 to 1914 and from 1914 to 1938. Most notable is the markedly lower conformity of the nondurable groups in 1913 prices during the later set of cycles.

#### 4 *Summary*

The main findings of the analysis of movements over time can be summarized as follows:

a) Except for the final decade, 1879–1939 was characterized by a notable increase in the value of finished commodities destined for domestic consumption, whether measured in current prices or adjusted for changes in prices (a rough measure of physical volume). In 1879 the total in current prices was \$3.4 billion; in 1913 prices, \$3.8; in 1939 it was \$31.9 billion and \$29.1 billion respectively. In contrast to these increases of 940 and 770 percent, population rose some 260 percent.

b) Differences in rates of growth among the commodity groups are reflected by appreciable changes in the composition of total finished commodities. Especially striking was the increase in the share of consumer durable commodities. From an average of some 10 percent during the early decades it reached an average of almost 20 percent during the recent. The percentage share of producer durable commodities increased from about 10 to 13. In 1879 the two durable groups combined constituted less than one-fifth of total finished output; in 1939, almost one-third.

c) The extraordinary increase in durable commodities can be credited largely to the automotive and electrical industries.

d) During the 1930's there was a decided interruption to the longer term trends.

e) Variations from one decade to the next in the price index of all finished commodities are closely related to variations in the total value in current prices and account for a large part of them. As a result, the decade changes for the total in 1913 prices not only are usually lower than

those for the total in current prices, but also are subject to smaller fluctuations.

f) Price adjustments affected the decade changes for the perishable and semidurable groups in 1913 prices most, reducing considerably both the changes and their variability from decade to decade; the decade changes for the consumer durable group were least affected.

g) The counter movement of the shares of the nondurable groups in 1913 prices to the decade rises and declines in the price index of all finished commodities, and the parallel movements of the shares of the durable groups, indicate that during periods of sharp price variations commodities for which demand is more postponable expand or contract more rapidly than commodities for which demand is less postponable.

h) The measures of cyclical amplitude revealed wide fluctuations in the total value of finished commodities in both current and 1913 prices and in the over-all price index.

i) The amplitude measures for the four commodity groups differed considerably. The expansions and contractions, particularly the contractions, in the durable groups were much greater than in the nondurable.

j) Although too few cycles were represented to warrant definitive conclusions, there was some evidence of increasingly severe contractions in the later cycles, apparently stemming chiefly from the greater relative importance of the consumer durable group. This may be symptomatic of a tendency toward more violent cyclical fluctuations in the industrial sectors of the economy. However, the evidence rests mainly upon the inclusion of the sharp contraction of 1929-32.

k) The turning points of both total value series, as well as of the price index of all finished commodities, conformed rather consistently to the business cycle dates.

l) Inter-group variations in conformity were not large except for the price indexes. The price indexes for the nondurable groups conformed much better than those for the durable.

m) For the groups valued in current prices, little change in conformity was revealed by a comparison of the measures for the earlier and later cycles. The price indexes for the nondurable groups, however, did conform sufficiently better in later cycles to increase the conformity in the price index for all finished commodities. The measures for the groups valued in 1913 prices showed less conformity for the nondurable and consumer durable groups and more for the producer durable.

TABLE I 1

Value of Output of Finished Commodities and Construction Materials,  
Exports, Imports, and Values Destined for Domestic Consumption,  
Current Prices, 1869, 1879, 1889-1919  
(thousands of dollars)  
Major and Minor Commodity Groups

|      | <i>PERISHABLE</i>                                      |           |         |                      |
|------|--|-----------|---------|----------------------|
|      | OUTPUT   | EXPORTS   | IMPORTS | DOMESTIC CONSUMPTION |
|      | <b>1a FOOD &amp; KINDRED PRODUCTS, MANUFACTURED</b>    |           |         |                      |
| 1869 | 681,620  | 49,921    | 41,402  | 673,101              |
| 1879 | 1,067,608  | 141,218   | 36,545  | 962,935              |
| 1889 | 1,607,913  | 209,220   | 35,571  | 1,434,264            |
| 1890 | 1,350,188  | 236,750   | 42,046  | 1,155,484            |
| 1891 | 1,498,842  | 231,980   | 41,656  | 1,308,518            |
| 1892 | 1,433,612  | 224,535   | 42,370  | 1,251,447            |
| 1893 | 1,705,938  | 188,186   | 37,547  | 1,555,299            |
| 1894 | 1,513,381  | 210,620   | 35,106  | 1,337,867            |
| 1895 | 1,581,907  | 173,974   | 35,785  | 1,443,718            |
| 1896 | 1,584,429  | 179,996   | 31,754  | 1,436,187            |
| 1897 | 1,794,586  | 197,368   | 36,461  | 1,633,679            |
| 1898 | 1,920,558  | 239,855   | 27,203  | 1,707,906            |
| 1899 | 2,160,531  | 246,026   | 41,000  | 1,955,505            |
| 1900 | 2,283,754  | 246,099   | 46,230  | 2,083,885            |
| 1901 | 2,583,019  | 264,313   | 46,249  | 2,364,955            |
| 1902 | 2,614,382  | 268,452   | 57,202  | 2,403,132            |
| 1903 | 2,689,316  | 229,551   | 56,897  | 2,516,662            |
| 1904 | 2,750,169  | 205,713   | 57,035  | 2,601,491            |
| 1905 | 3,026,731  | 229,931   | 59,873  | 2,856,673            |
| 1906 | 3,309,214  | 253,390   | 65,213  | 3,121,037            |
| 1907 | 3,564,065  | 247,267   | 72,904  | 3,389,702            |
| 1908 | 3,137,822  | 228,816   | 65,677  | 2,974,683            |
| 1909 | 3,728,926  | 193,860   | 82,589  | 3,617,655            |
| 1910 | 3,917,026  | 175,936   | 82,366  | 3,823,456            |
| 1911 | 4,116,154  | 204,190   | 68,110  | 3,980,074            |
| 1912 | 4,464,489  | 205,880   | 83,685  | 4,342,294            |
| 1913 | 4,582,235  | 225,050   | 84,763  | 4,441,948            |
| 1914 | 4,601,972  | 226,952   | 109,793 | 4,484,813            |
| 1915 | 4,680,578  | 416,292   | 77,792  | 4,342,078            |
| 1916 | 5,802,898  | 496,901   | 74,151  | 5,380,148            |
| 1917 | 7,520,597  | 677,054   | 82,132  | 6,925,675            |
| 1918 | 9,724,309  | 1,246,755 | 106,046 | 8,583,600            |
| 1919 | 10,840,581   | 1,587,669 | 59,464  | 9,312,376            |
|      | <b>1b FOOD &amp; KINDRED PRODUCTS, NONMANUFACTURED</b> |           |         |                      |
| 1869 | 686,161  | 1,699     | 14,620  | 699,082              |
| 1879 | 701,258  | 1,883     | 17,132  | 716,507              |
| 1889 | 936,291  | 11,546    | 31,894  | 956,639              |
| 1890 | 953,590  | 8,023     | 45,874  | 991,441              |
| 1891 | 1,053,215  | 10,330    | 36,337  | 1,079,222            |
| 1892 | 1,036,877  | 10,550    | 35,939  | 1,062,266            |
| 1893 | 1,153,361  | 7,277     | 36,626  | 1,182,710            |

|      | OUTPUT    | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|------|-----------|---------|---------|----------------------|
| 1894 | 1,000,622 | 20,397  | 32,041  | 1,012,266            |
| 1895 | 1,058,072 | 10,614  | 31,558  | 1,079,016            |
| 1896 | 909,162   | 12,322  | 30,698  | 927,538              |
| 1897 | 1,017,143 | 13,989  | 28,950  | 1,032,104            |
| 1898 | 1,107,365 | 15,117  | 29,142  | 1,121,390            |
| 1899 | 1,141,120 | 16,307  | 36,077  | 1,160,890            |
| 1900 | 1,233,618 | 19,013  | 34,527  | 1,249,132            |
| 1901 | 1,396,984 | 16,069  | 39,955  | 1,420,870            |
| 1902 | 1,495,358 | 22,883  | 46,836  | 1,519,311            |
| 1903 | 1,489,980 | 26,925  | 55,887  | 1,518,942            |
| 1904 | 1,582,566 | 27,348  | 59,696  | 1,614,914            |
| 1905 | 1,505,925 | 25,450  | 59,574  | 1,540,049            |
| 1906 | 1,677,370 | 26,672  | 68,940  | 1,719,638            |
| 1907 | 1,833,134 | 27,028  | 80,817  | 1,886,923            |
| 1908 | 1,869,381 | 27,100  | 73,418  | 1,915,699            |
| 1909 | 2,057,156 | 31,694  | 87,060  | 2,112,522            |
| 1910 | 2,252,147 | 36,217  | 90,172  | 2,306,102            |
| 1911 | 2,183,253 | 48,705  | 101,194 | 2,235,742            |
| 1912 | 2,351,904 | 51,659  | 110,286 | 2,410,531            |
| 1913 | 2,255,898 | 52,365  | 112,379 | 2,315,912            |
| 1914 | 2,314,780 | 51,749  | 117,065 | 2,380,096            |
| 1915 | 2,281,731 | 68,668  | 97,262  | 2,310,325            |
| 1916 | 2,651,111 | 77,305  | 119,814 | 2,693,620            |
| 1917 | 3,832,010 | 82,025  | 157,252 | 3,907,237            |
| 1918 | 4,212,043 | 95,405  | 164,165 | 4,280,803            |
| 1919 | 4,714,256 | 215,361 | 210,120 | 4,709,015            |

## 2 CIGARS, CIGARETTES &amp; TOBACCO

|      |         |       |        |         |
|------|---------|-------|--------|---------|
| 1869 | 72,208  | 1,444 | 3,921  | 74,685  |
| 1879 | 117,401 | 1,993 | 4,268  | 119,676 |
| 1889 | 197,414 | 3,450 | 8,564  | 202,528 |
| 1890 | 209,856 | 3,617 | 9,136  | 215,375 |
| 1891 | 223,420 | 3,851 | 6,981  | 226,550 |
| 1892 | 226,685 | 3,485 | 7,287  | 230,487 |
| 1893 | 215,940 | 3,619 | 6,171  | 218,492 |
| 1894 | 216,555 | 3,453 | 5,016  | 218,118 |
| 1895 | 201,241 | 3,771 | 4,909  | 202,379 |
| 1896 | 192,341 | 4,247 | 4,922  | 193,016 |
| 1897 | 197,195 | 4,469 | 4,595  | 197,321 |
| 1898 | 227,178 | 4,622 | 4,308  | 226,864 |
| 1899 | 266,180 | 4,681 | 5,872  | 267,371 |
| 1900 | 303,729 | 5,163 | 5,410  | 303,976 |
| 1901 | 326,208 | 4,838 | 6,561  | 327,931 |
| 1902 | 321,771 | 4,972 | 8,299  | 325,098 |
| 1903 | 342,383 | 5,451 | 9,077  | 346,009 |
| 1904 | 333,940 | 5,666 | 10,958 | 339,232 |
| 1905 | 351,547 | 5,979 | 11,624 | 357,192 |
| 1906 | 390,297 | 6,264 | 14,097 | 398,130 |
| 1907 | 397,080 | 5,798 | 13,880 | 405,162 |
| 1908 | 393,225 | 5,227 | 11,757 | 399,755 |
| 1909 | 421,995 | 5,427 | 13,938 | 430,506 |
| 1910 | 452,127 | 5,144 | 16,983 | 463,966 |
| 1911 | 449,714 | 5,198 | 15,856 | 460,372 |

TABLE I 1 *cont.*

|      | OUTPUT   | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|------|--|---------|---------|----------------------|
| 1912 | 458,101  | 6,126   | 16,938  | 468,913              |
| 1913 | 498,027  | 7,380   | 16,165  | 506,812              |
| 1914 | 494,375  | 7,474   | 13,988  | 500,889              |
| 1915 | 473,193  | 6,860   | 12,280  | 478,613              |
| 1916 | 517,823  | 11,114  | 15,685  | 522,394              |
| 1917 | 628,823  | 16,617  | 17,292  | 629,498              |
| 1918 | 871,610  | 29,216  | 21,585  | 863,979              |
| 1919 | 1,024,458  | 44,687  | 20,274  | 1,000,045            |
|      | <b>3 DRUGS, TOILET, &amp; HOUSEHOLD PREPARATIONS</b>                                 |         |         |                      |
| 1869 | 37,866   | 1,146   | 957     | 37,677               |
| 1879 | 41,707   | 1,693   | 367     | 40,381               |
| 1889 | 82,915   | 2,615   | 1,329   | 81,629               |
| 1890 | 91,417   | 2,977   | 1,630   | 90,070               |
| 1891 | 99,429   | 2,751   | 1,223   | 97,901               |
| 1892 | 106,081  | 3,118   | 1,767   | 104,730              |
| 1893 | 105,821  | 3,082   | 2,133   | 104,872              |
| 1894 | 103,628  | 3,182   | 2,449   | 102,895              |
| 1895 | 112,800  | 3,953   | 2,451   | 111,298              |
| 1896 | 114,541  | 3,938   | 2,086   | 112,689              |
| 1897 | 116,707  | 4,082   | 2,926   | 115,551              |
| 1898 | 124,789  | 4,239   | 1,861   | 122,411              |
| 1899 | 137,712  | 5,395   | 2,242   | 134,559              |
| 1900 | 138,624  | 5,548   | 3,121   | 136,197              |
| 1901 | 157,889  | 5,492   | 2,792   | 155,189              |
| 1902 | 176,240  | 5,997   | 3,772   | 174,015              |
| 1903 | 186,282  | 7,208   | 4,038   | 183,112              |
| 1904 | 185,702  | 7,618   | 4,173   | 182,257              |
| 1905 | 220,338  | 8,938   | 4,352   | 215,752              |
| 1906 | 230,758  | 9,655   | 4,257   | 225,360              |
| 1907 | 256,132  | 10,542  | 3,707   | 249,297              |
| 1908 | 241,117  | 10,873  | 3,883   | 234,127              |
| 1909 | 256,366  | 10,543  | 4,467   | 250,290              |
| 1910 | 275,110  | 11,508  | 3,232   | 266,834              |
| 1911 | 286,963  | 13,181  | 5,009   | 278,791              |
| 1912 | 298,326  | 14,428  | 5,532   | 289,430              |
| 1913 | 304,949  | 15,279  | 5,269   | 294,939              |
| 1914 | 300,088  | 15,930  | 4,825   | 288,983              |
| 1915 | 346,821  | 20,640  | 4,789   | 330,970              |
| 1916 | 435,917  | 21,409  | 6,177   | 420,685              |
| 1917 | 532,053  | 27,171  | 6,641   | 511,523              |
| 1918 | 665,474  | 35,491  | 6,116   | 636,099              |
| 1919 | 691,307  | 40,437  | 9,260   | 660,130              |
|      | <b>4 MAGAZINES, NEWSPAPERS, STATIONERY &amp; SUPPLIES &amp; MISC. PAPER PRODUCTS</b> |         |         |                      |
| 1869 | 28,807   | 288     | 2,032   | 30,551               |
| 1879 | 60,073   | 589     | 1,977   | 61,461               |
| 1889 | 91,038   | 990     | 3,815   | 93,863               |
| 1890 | 93,631   | 1,028   | 4,731   | 97,334               |
| 1891 | 97,310   | 948     | 4,808   | 101,170              |
| 1892 | 106,605  | 886     | 3,554   | 109,273              |
| 1893 | 95,962   | 1,177   | 3,542   | 98,327               |

|      | OUTPUT  | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|------|---------|---------|---------|----------------------|
| 1894 | 91,224  | 1,234   | 2,935   | 92,925               |
| 1895 | 92,434  | 1,198   | 2,840   | 94,076               |
| 1896 | 87,810  | 1,261   | 3,408   | 89,957               |
| 1897 | 90,924  | 1,274   | 2,919   | 92,569               |
| 1898 | 101,592 | 1,198   | 2,797   | 103,191              |
| 1899 | 111,221 | 1,462   | 3,271   | 113,030              |
| 1900 | 120,428 | 1,838   | 3,700   | 122,290              |
| 1901 | 133,078 | 2,105   | 3,926   | 134,899              |
| 1902 | 149,661 | 2,629   | 4,231   | 151,263              |
| 1903 | 152,168 | 2,630   | 4,642   | 154,180              |
| 1904 | 158,706 | 3,295   | 4,318   | 159,729              |
| 1905 | 170,737 | 3,660   | 5,400   | 172,477              |
| 1906 | 182,949 | 4,005   | 5,370   | 184,314              |
| 1907 | 194,280 | 4,506   | 6,879   | 196,653              |
| 1908 | 154,032 | 4,072   | 6,802   | 156,762              |
| 1909 | 204,230 | 4,439   | 10,760  | 210,551              |
| 1910 | 207,366 | 5,027   | 7,527   | 209,866              |
| 1911 | 208,259 | 4,954   | 8,020   | 211,325              |
| 1912 | 228,778 | 5,630   | 10,456  | 233,604              |
| 1913 | 241,481 | 6,975   | 9,439   | 243,945              |
| 1914 | 251,537 | 6,101   | 8,971   | 254,407              |
| 1915 | 256,400 | 6,399   | 5,582   | 255,583              |
| 1916 | 358,284 | 9,605   | 3,540   | 352,219              |
| 1917 | 415,928 | 11,663  | 3,266   | 407,531              |
| 1918 | 457,019 | 14,083  | 2,557   | 445,493              |
| 1919 | 479,837 | 25,298  | 4,144   | 458,683              |

## 5a FUEL &amp; LIGHTING PRODUCTS, MANUFACTURED

|      |         |     |     |         |
|------|---------|-----|-----|---------|
| 1869 | 29,699  | 338 | ... | 29,361  |
| 1879 | 39,887  | 209 | ... | 39,678  |
| 1889 | 59,652  | 128 | ... | 59,524  |
| 1890 | 75,573  | 141 | ... | 75,432  |
| 1891 | 62,818  | 148 | ... | 62,670  |
| 1892 | 52,332  | 195 | ... | 52,137  |
| 1893 | 54,220  | 214 | ... | 54,006  |
| 1894 | 62,147  | 245 | ... | 61,902  |
| 1895 | 96,012  | 259 | ... | 95,753  |
| 1896 | 93,060  | 290 | ... | 92,770  |
| 1897 | 62,642  | 261 | ... | 62,381  |
| 1898 | 64,230  | 289 | ... | 63,941  |
| 1899 | 88,053  | 324 | ... | 87,729  |
| 1900 | 100,606 | 274 | ... | 100,332 |
| 1901 | 85,000  | 293 | ... | 84,707  |
| 1902 | 90,099  | 395 | ... | 89,704  |
| 1903 | 112,030 | 508 | ... | 111,522 |
| 1904 | 109,870 | 628 | ... | 109,242 |
| 1905 | 95,038  | 618 | ... | 94,420  |
| 1906 | 103,444 | 569 | ... | 102,875 |
| 1907 | 128,940 | 483 | ... | 128,457 |
| 1908 | 126,054 | 265 | ... | 125,789 |
| 1909 | 125,064 | 318 | ... | 124,746 |
| 1910 | 121,235 | 262 | ... | 120,973 |

TABLE I 1 cont.

|                                 | OUTPUT    | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|---------------------------------|-----------|---------|---------|----------------------|
| 1911                            | 119,314   | 250     | ...     | 119,064              |
| 1912                            | 141,410   | 231     | 825     | 142,004              |
| 1913                            | 190,605   | 228     | 927     | 191,304              |
| 1914                            | 159,581   | 277     | 1,051   | 160,355              |
| 1915                            | 141,454   | 447     | 690     | 141,697              |
| 1916                            | 261,990   | 1,076   | 1,589   | 262,503              |
| 1917                            | 424,665   | 1,189   | 2,241   | 425,717              |
| 1918                            | 579,049   | 1,580   | 3,215   | 580,684              |
| 1919                            | 631,825   | 2,128   | 971     | 630,668              |
| <b>5b NONMANUFACTURED FUELS</b> |           |         |         |                      |
| 1869                            | 49,736    | ...     | ...     | 49,736               |
| 1879                            | 55,462    | ...     | ...     | 55,462               |
| 1889                            | 77,243    | ...     | ...     | 77,243               |
| 1890                            | 80,178    | ...     | ...     | 80,178               |
| 1891                            | 88,850    | ...     | ...     | 88,850               |
| 1892                            | 98,487    | ...     | ...     | 98,487               |
| 1893                            | 100,652   | ...     | ...     | 100,652              |
| 1894                            | 90,346    | ...     | ...     | 90,346               |
| 1895                            | 92,881    | ...     | ...     | 92,881               |
| 1896                            | 91,870    | ...     | ...     | 91,870               |
| 1897                            | 89,039    | ...     | ...     | 89,039               |
| 1898                            | 86,030    | ...     | ...     | 86,030               |
| 1899                            | 101,823   | ...     | ...     | 101,823              |
| 1900                            | 105,025   | ...     | ...     | 105,025              |
| 1901                            | 131,960   | ...     | ...     | 131,960              |
| 1902                            | 102,169   | ...     | ...     | 102,169              |
| 1903                            | 182,296   | ...     | ...     | 182,296              |
| 1904                            | 160,834   | ...     | ...     | 160,834              |
| 1905                            | 166,992   | ...     | ...     | 166,992              |
| 1906                            | 161,334   | ...     | ...     | 161,334              |
| 1907                            | 196,484   | ...     | ...     | 196,484              |
| 1908                            | 181,255   | ...     | ...     | 181,255              |
| 1909                            | 175,822   | ...     | ...     | 175,822              |
| 1910                            | 194,838   | ...     | ...     | 194,838              |
| 1911                            | 205,907   | ...     | ...     | 205,907              |
| 1912                            | 213,980   | ...     | ...     | 213,980              |
| 1913                            | 235,320   | ...     | ...     | 235,320              |
| 1914                            | 226,924   | ...     | ...     | 226,924              |
| 1915                            | 220,541   | ...     | ...     | 220,541              |
| 1916                            | 261,675   | ...     | ...     | 261,675              |
| 1917                            | 366,888   | ...     | ...     | 366,888              |
| 1918                            | 416,532   | ...     | ...     | 416,532              |
| 1919                            | 444,533   | ...     | ...     | 444,533              |
| <b>PERISHABLE, TOTALS</b>       |           |         |         |                      |
| 1869                            | 1,586,097 | 54,836  | 62,932  | 1,594,193            |
| 1879                            | 2,083,396 | 147,585 | 60,289  | 1,996,100            |
| 1889                            | 3,052,466 | 227,949 | 81,173  | 2,905,690            |
| 1890                            | 2,854,433 | 252,536 | 103,417 | 2,705,314            |
| 1891                            | 3,123,884 | 250,008 | 91,005  | 2,964,881            |

|      | OUTPUT     | EXPORTS   | IMPORTS | DOMESTIC CONSUMPTION |
|------|------------|-----------|---------|----------------------|
| 1892 | 3,060,679  | 242,769   | 90,917  | 2,908,827            |
| 1893 | 3,431,894  | 203,555   | 86,019  | 3,314,358            |
| 1894 | 3,077,903  | 239,131   | 77,547  | 2,916,319            |
| 1895 | 3,235,347  | 193,769   | 77,543  | 3,119,121            |
| 1896 | 3,073,213  | 202,054   | 72,868  | 2,944,027            |
| 1897 | 3,368,236  | 221,443   | 75,851  | 3,222,644            |
| 1898 | 3,631,742  | 265,320   | 65,311  | 3,431,733            |
| 1899 | 4,006,640  | 274,195   | 88,462  | 3,820,907            |
| 1900 | 4,285,784  | 277,935   | 92,988  | 4,100,837            |
| 1901 | 4,814,138  | 293,110   | 99,483  | 4,620,511            |
| 1902 | 4,949,680  | 305,328   | 120,340 | 4,764,692            |
| 1903 | 5,154,455  | 272,273   | 130,541 | 5,012,723            |
| 1904 | 5,281,787  | 250,268   | 136,180 | 5,167,699            |
| 1905 | 5,537,308  | 274,576   | 140,823 | 5,403,555            |
| 1906 | 6,055,366  | 300,555   | 157,877 | 5,912,688            |
| 1907 | 6,570,115  | 295,624   | 178,187 | 6,452,678            |
| 1908 | 6,102,886  | 276,353   | 161,537 | 5,988,070            |
| 1909 | 6,969,559  | 246,281   | 198,814 | 6,922,092            |
| 1910 | 7,419,849  | 234,094   | 200,280 | 7,386,035            |
| 1911 | 7,569,564  | 276,478   | 198,189 | 7,491,275            |
| 1912 | 8,156,988  | 283,954   | 227,722 | 8,100,756            |
| 1913 | 8,308,515  | 307,277   | 228,942 | 8,230,180            |
| 1914 | 8,349,257  | 308,483   | 255,693 | 8,296,467            |
| 1915 | 8,400,718  | 519,306   | 198,395 | 8,079,807            |
| 1916 | 10,289,698 | 617,410   | 220,956 | 9,893,244            |
| 1917 | 13,720,964 | 815,719   | 268,824 | 13,174,069           |
| 1918 | 16,926,036 | 1,422,530 | 303,684 | 15,807,190           |
| 1919 | 18,826,797 | 1,915,580 | 304,233 | 17,215,450           |

## SEMIDURABLE

|                                  | OUTPUT  | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|----------------------------------|---------|---------|---------|----------------------|
| <b>6 DRY GOODS &amp; NOTIONS</b> |         |         |         |                      |
| 1869                             | 170,831 | 2,272   | 55,919  | 224,478              |
| 1879                             | 227,534 | 3,359   | 38,956  | 263,131              |
| 1889                             | 223,295 | 3,474   | 61,852  | 281,673              |
| 1890                             | 227,606 | 3,389   | 75,339  | 299,556              |
| 1891                             | 232,346 | 3,162   | 60,070  | 289,254              |
| 1892                             | 235,491 | 2,795   | 64,468  | 297,164              |
| 1893                             | 207,326 | 4,521   | 56,558  | 259,363              |
| 1894                             | 176,943 | 4,660   | 37,571  | 209,854              |
| 1895                             | 201,127 | 4,469   | 69,091  | 265,749              |
| 1896                             | 173,175 | 5,298   | 47,671  | 215,548              |
| 1897                             | 189,519 | 5,786   | 48,543  | 232,276              |
| 1898                             | 194,816 | 6,169   | 38,711  | 227,358              |
| 1899                             | 218,944 | 6,502   | 43,337  | 255,779              |
| 1900                             | 233,520 | 6,361   | 44,784  | 271,943              |
| 1901                             | 235,671 | 9,740   | 45,150  | 271,081              |
| 1902                             | 260,569 | 11,281  | 49,422  | 298,710              |
| 1903                             | 264,243 | 9,964   | 47,803  | 302,082              |
| 1904                             | 255,137 | 9,787   | 39,716  | 285,066              |
| 1905                             | 281,649 | 11,101  | 47,766  | 318,314              |

TABLE I 1 *cont.*

|  | OUTPUT    | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|--|-----------|---------|---------|----------------------|
| 1906   | 306,550   | 12,177  | 53,807  | 348,180              |
| 1907   | 330,357   | 11,993  | 57,148  | 375,512              |
| 1908   | 266,334   | 11,542  | 40,659  | 295,451              |
| 1909   | 328,914   | 13,643  | 52,763  | 368,034              |
| 1910   | 317,247   | 17,348  | 49,627  | 349,526              |
| 1911   | 301,748   | 19,222  | 43,813  | 326,339              |
| 1912   | 329,767   | 21,525  | 54,911  | 363,153              |
| 1913   | 324,073   | 21,837  | 46,411  | 348,647              |
| 1914   | 320,294   | 25,109  | 42,600  | 337,785              |
| 1915   | 348,257   | 62,586  | 31,341  | 317,012              |
| 1916   | 498,794   | 74,775  | 37,541  | 461,560              |
| 1917   | 682,477   | 94,700  | 32,514  | 620,291              |
| 1918   | 931,500   | 99,137  | 22,416  | 854,779              |
| 1919   | 985,642   | 137,817 | 43,034  | 890,859              |
| <b>7 CLOTHING &amp; PERSONAL FURNISHINGS</b> |           |         |         |                      |
| 1869   | 214,072   | 691     | 16,421  | 229,802              |
| 1879   | 343,607   | 656     | 15,283  | 358,234              |
| 1889   | 525,921   | 450     | 35,342  | 560,813              |
| 1890   | 546,361   | 525     | 43,000  | 588,836              |
| 1891   | 570,082   | 653     | 33,821  | 603,250              |
| 1892   | 597,341   | 516     | 36,006  | 632,831              |
| 1893   | 533,079   | 684     | 34,547  | 566,942              |
| 1894   | 453,609   | 662     | 25,182  | 478,129              |
| 1895   | 501,417   | 840     | 41,615  | 542,192              |
| 1896   | 507,092   | 926     | 43,308  | 549,474              |
| 1897   | 555,880   | 1,117   | 42,061  | 596,824              |
| 1898   | 582,882   | 1,315   | 26,620  | 608,187              |
| 1899   | 719,035   | 1,737   | 26,353  | 743,651              |
| 1900   | 794,269   | 1,982   | 25,077  | 817,364              |
| 1901   | 812,763   | 2,533   | 27,719  | 837,949              |
| 1902   | 862,456   | 3,249   | 33,568  | 892,775              |
| 1903   | 952,763   | 4,440   | 33,472  | 981,795              |
| 1904   | 964,577   | 4,965   | 32,973  | 992,585              |
| 1905   | 1,069,235 | 5,872   | 36,370  | 1,099,733            |
| 1906   | 1,274,677 | 6,968   | 46,992  | 1,314,701            |
| 1907   | 1,291,482 | 7,902   | 51,831  | 1,335,411            |
| 1908   | 1,254,852 | 6,257   | 38,392  | 1,286,987            |
| 1909   | 1,421,529 | 7,495   | 45,687  | 1,459,721            |
| 1910   | 1,367,962 | 9,104   | 49,489  | 1,408,347            |
| 1911   | 1,526,644 | 10,323  | 43,723  | 1,560,044            |
| 1912   | 1,625,003 | 13,285  | 44,950  | 1,656,668            |
| 1913   | 1,689,693 | 14,151  | 46,053  | 1,721,595            |
| 1914   | 1,574,867 | 18,795  | 42,028  | 1,598,100            |
| 1915   | 1,550,203 | 46,278  | 29,989  | 1,533,914            |
| 1916   | 2,039,326 | 45,599  | 31,617  | 2,025,344            |
| 1917   | 2,618,117 | 34,347  | 38,934  | 2,622,704            |
| 1918   | 3,360,770 | 42,914  | 43,250  | 3,361,106            |
| 1919   | 3,866,186 | 85,318  | 37,059  | 3,817,927            |

|      | OUTPUT    | EXPORTS                             | IMPORTS | DOMESTIC CONSUMPTION |
|------|-----------|-------------------------------------|---------|----------------------|
|      |           | <b>8 SHOES &amp; OTHER FOOTWEAR</b> |         |                      |
| 1869 | 185,644   | 376                                 | ...     | 185,268              |
| 1879 | 174,060   | 375                                 | ...     | 173,685              |
| 1889 | 236,711   | 654                                 | ...     | 236,057              |
| 1890 | 250,492   | 676                                 | ...     | 249,816              |
| 1891 | 244,861   | 700                                 | ...     | 244,161              |
| 1892 | 264,693   | 886                                 | ...     | 263,807              |
| 1893 | 234,342   | 792                                 | ...     | 233,550              |
| 1894 | 228,969   | 927                                 | ...     | 228,042              |
| 1895 | 237,225   | 1,258                               | ...     | 235,967              |
| 1896 | 230,370   | 1,499                               | ...     | 228,871              |
| 1897 | 247,937   | 1,637                               | ...     | 246,300              |
| 1898 | 263,769   | 1,844                               | ...     | 261,925              |
| 1899 | 296,256   | 3,396                               | ...     | 292,860              |
| 1900 | 294,355   | 4,545                               | ...     | 289,810              |
| 1901 | 333,390   | 6,004                               | ...     | 327,386              |
| 1902 | 332,462   | 6,608                               | ...     | 325,854              |
| 1903 | 360,039   | 7,531                               | ...     | 352,508              |
| 1904 | 376,803   | 7,866                               | ...     | 368,937              |
| 1905 | 405,231   | 9,298                               | ...     | 395,933              |
| 1906 | 459,197   | 10,271                              | ...     | 448,926              |
| 1907 | 466,925   | 12,553                              | ...     | 454,372              |
| 1908 | 462,807   | 10,658                              | ...     | 452,149              |
| 1909 | 480,283   | 12,382                              | ...     | 467,901              |
| 1910 | 500,633   | 14,601                              | ...     | 486,032              |
| 1911 | 516,545   | 15,715                              | ...     | 500,830              |
| 1912 | 548,874   | 17,763                              | 278     | 531,389              |
| 1913 | 602,583   | 19,048                              | 265     | 583,800              |
| 1914 | 541,027   | 17,816                              | 590     | 523,801              |
| 1915 | 557,250   | 36,926                              | 315     | 520,639              |
| 1916 | 746,695   | 41,445                              | 280     | 705,530              |
| 1917 | 899,964   | 37,013                              | 403     | 863,354              |
| 1918 | 1,076,441 | 33,720                              | 466     | 1,043,187            |
| 1919 | 1,258,542 | 71,327                              | 346     | 1,187,561            |
|      |           | <b>9 HOUSEFURNISHINGS</b>           |         |                      |
| 1869 | 12,966    | 123                                 | ...     | 12,843               |
| 1879 | 16,309    | 90                                  | ...     | 16,219               |
| 1889 | 31,349    | 123                                 | 888     | 32,114               |
| 1890 | 33,356    | 122                                 | 1,248   | 34,482               |
| 1891 | 34,146    | 126                                 | 1,329   | 35,349               |
| 1892 | 36,000    | 168                                 | 1,122   | 36,954               |
| 1893 | 35,077    | 173                                 | 1,014   | 35,918               |
| 1894 | 31,815    | 150                                 | 751     | 32,416               |
| 1895 | 35,569    | 122                                 | 980     | 36,427               |
| 1896 | 34,020    | 146                                 | 1,625   | 35,499               |
| 1897 | 34,756    | 147                                 | 1,046   | 35,655               |
| 1898 | 34,831    | 130                                 | 1,162   | 35,863               |
| 1899 | 41,370    | 188                                 | 1,280   | 42,462               |
| 1900 | 48,498    | 193                                 | 1,504   | 49,809               |
| 1901 | 47,972    | 214                                 | 1,634   | 49,392               |
| 1902 | 51,853    | 222                                 | 1,607   | 53,238               |

TABLE I 1 *cont.*

|                                 | OUTPUT  | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|---------------------------------|---------|---------|---------|----------------------|
| 1903                            | 52,275  | 249     | 1,845   | 53,871               |
| 1904                            | 51,228  | 254     | 1,895   | 52,869               |
| 1905                            | 54,273  | 314     | 1,782   | 55,741               |
| 1906                            | 67,707  | 331     | 2,134   | 69,510               |
| 1907                            | 66,287  | 404     | 2,358   | 68,241               |
| 1908                            | 58,366  | 420     | 2,176   | 60,122               |
| 1909                            | 73,431  | 455     | 2,067   | 75,043               |
| 1910                            | 80,805  | 575     | 2,765   | 82,995               |
| 1911                            | 77,680  | 655     | 2,958   | 79,983               |
| 1912                            | 82,329  | 604     | 3,807   | 85,532               |
| 1913                            | 92,143  | 556     | 3,932   | 95,519               |
| 1914                            | 86,850  | 453     | 3,593   | 89,990               |
| 1915                            | 84,437  | 924     | 2,323   | 85,836               |
| 1916                            | 110,236 | 1,018   | 2,948   | 112,166              |
| 1917                            | 154,355 | 1,868   | 4,194   | 156,681              |
| 1918                            | 198,817 | 3,107   | 4,179   | 199,889              |
| 1919                            | 212,906 | 4,344   | 3,467   | 212,029              |
| 10 TOYS, GAMES & SPORTING GOODS |         |         |         |                      |
| 1869                            | 13,028  | 1,743   | 1,724   | 13,009               |
| 1879                            | 15,965  | 2,040   | 3,035   | 16,960               |
| 1889                            | 18,964  | 807     | 4,109   | 22,266               |
| 1890                            | 19,085  | 702     | 4,904   | 23,287               |
| 1891                            | 21,304  | 719     | 4,261   | 24,846               |
| 1892                            | 21,572  | 706     | 4,153   | 25,019               |
| 1893                            | 25,202  | 706     | 3,947   | 28,443               |
| 1894                            | 20,434  | 630     | 2,624   | 22,428               |
| 1895                            | 23,403  | 863     | 3,889   | 26,429               |
| 1896                            | 21,870  | 736     | 4,280   | 25,414               |
| 1897                            | 21,090  | 664     | 4,373   | 24,799               |
| 1898                            | 20,003  | 704     | 4,108   | 23,407               |
| 1899                            | 23,778  | 918     | 4,092   | 26,952               |
| 1900                            | 24,798  | 1,415   | 5,597   | 28,980               |
| 1901                            | 30,235  | 1,014   | 7,262   | 36,483               |
| 1902                            | 31,784  | 1,087   | 7,087   | 37,784               |
| 1903                            | 33,713  | 1,306   | 7,735   | 40,142               |
| 1904                            | 35,285  | 1,661   | 7,675   | 41,299               |
| 1905                            | 39,779  | 1,974   | 8,463   | 46,268               |
| 1906                            | 43,512  | 2,762   | 9,627   | 50,377               |
| 1907                            | 52,937  | 3,318   | 11,280  | 60,899               |
| 1908                            | 38,686  | 2,665   | 7,234   | 43,255               |
| 1909                            | 47,844  | 3,639   | 8,723   | 52,928               |
| 1910                            | 47,773  | 3,704   | 10,334  | 54,403               |
| 1911                            | 51,756  | 4,070   | 11,036  | 58,722               |
| 1912                            | 54,108  | 5,223   | 10,432  | 59,317               |
| 1913                            | 58,672  | 6,623   | 11,940  | 63,989               |
| 1914                            | 61,898  | 6,249   | 11,445  | 67,094               |
| 1915                            | 80,311  | 13,088  | 6,260   | 73,483               |
| 1916                            | 150,735 | 40,101  | 2,412   | 113,046              |
| 1917                            | 282,547 | 86,758  | 2,682   | 198,471              |
| 1918                            | 154,115 | 30,201  | 1,903   | 125,817              |
| 1919                            | 161,292 | 18,992  | 4,146   | 146,446              |

|      | OUTPUT  | EXPORTS | IMPORTS       | DOMESTIC CONSUMPTION |
|------|---------|---------|---------------|----------------------|
|      |         | 11      | TIRES & TUBES |                      |
| 1869 | ...     | ...     | ...           | ...                  |
| 1879 | ...     | ...     | ...           | ...                  |
| 1889 | ...     | ...     | ...           | ...                  |
| 1890 | ...     | ...     | ...           | ...                  |
| 1891 | ...     | ...     | ...           | ...                  |
| 1892 | ...     | ...     | ...           | ...                  |
| 1893 | ...     | ...     | ...           | ...                  |
| 1894 | ...     | ...     | ...           | ...                  |
| 1895 | 7,906   | ...     | ...           | 7,906                |
| 1896 | 10,485  | 684     | ...           | 9,801                |
| 1897 | 18,713  | 610     | ...           | 18,103               |
| 1898 | 19,590  | 579     | ...           | 19,011               |
| 1899 | 13,309  | 593     | ...           | 12,716               |
| 1900 | 8,420   | 626     | ...           | 7,794                |
| 1901 | 6,900   | 701     | ...           | 6,199                |
| 1902 | 6,270   | 808     | ...           | 5,462                |
| 1903 | 5,278   | 1,010   | ...           | 4,268                |
| 1904 | 6,677   | 940     | ...           | 5,737                |
| 1905 | 10,470  | 1,139   | ...           | 9,331                |
| 1906 | 13,784  | 1,320   | ...           | 12,464               |
| 1907 | 17,221  | 1,585   | ...           | 15,636               |
| 1908 | 18,940  | 1,439   | ...           | 17,501               |
| 1909 | 25,182  | 1,774   | ...           | 23,408               |
| 1910 | 38,402  | 2,406   | ...           | 35,996               |
| 1911 | 48,704  | 3,253   | ...           | 45,451               |
| 1912 | 62,550  | 4,221   | ...           | 58,329               |
| 1913 | 91,634  | 4,999   | ...           | 86,635               |
| 1914 | 97,012  | 4,264   | ...           | 92,748               |
| 1915 | 118,397 | 13,546  | ...           | 104,851              |
| 1916 | 174,099 | 18,027  | ...           | 156,072              |
| 1917 | 346,190 | 17,068  | ...           | 329,122              |
| 1918 | 507,524 | 16,236  | ...           | 491,288              |
| 1919 | 546,339 | 30,929  | ...           | 515,410              |

## SEMIDURABLE, TOTALS

|      |           |        |         |           |
|------|-----------|--------|---------|-----------|
| 1869 | 596,541   | 5,205  | 74,064  | 665,400   |
| 1879 | 777,475   | 6,520  | 57,274  | 828,229   |
| 1889 | 1,036,240 | 5,508  | 102,191 | 1,132,923 |
| 1890 | 1,076,900 | 5,414  | 124,491 | 1,195,977 |
| 1891 | 1,102,739 | 5,360  | 99,481  | 1,196,860 |
| 1892 | 1,155,097 | 5,071  | 105,749 | 1,255,775 |
| 1893 | 1,035,026 | 6,876  | 96,066  | 1,124,216 |
| 1894 | 911,770   | 7,029  | 66,128  | 970,869   |
| 1895 | 1,006,647 | 7,552  | 115,575 | 1,114,670 |
| 1896 | 977,012   | 9,289  | 96,884  | 1,064,607 |
| 1897 | 1,067,895 | 9,961  | 96,023  | 1,153,957 |
| 1898 | 1,115,891 | 10,741 | 70,601  | 1,175,751 |
| 1899 | 1,312,692 | 13,334 | 75,062  | 1,374,420 |
| 1900 | 1,403,860 | 15,122 | 76,962  | 1,465,700 |
| 1901 | 1,466,931 | 20,206 | 81,765  | 1,528,490 |

TABLE I 1 cont.

|      | OUTPUT    | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|------|-----------|---------|---------|----------------------|
| 1902 | 1,545,394 | 23,255  | 91,684  | 1,613,823            |
| 1903 | 1,668,311 | 24,500  | 90,855  | 1,734,666            |
| 1904 | 1,689,707 | 25,473  | 82,259  | 1,746,493            |
| 1905 | 1,860,637 | 29,698  | 94,381  | 1,925,320            |
| 1906 | 2,165,427 | 33,829  | 112,560 | 2,244,158            |
| 1907 | 2,225,209 | 37,755  | 122,617 | 2,310,071            |
| 1908 | 2,099,985 | 32,981  | 88,461  | 2,155,465            |
| 1909 | 2,377,183 | 39,388  | 109,240 | 2,447,035            |
| 1910 | 2,352,822 | 47,738  | 112,215 | 2,417,299            |
| 1911 | 2,523,077 | 53,238  | 101,530 | 2,571,369            |
| 1912 | 2,702,631 | 62,621  | 114,378 | 2,754,388            |
| 1913 | 2,858,798 | 67,214  | 108,601 | 2,900,185            |
| 1914 | 2,681,948 | 72,686  | 100,256 | 2,709,518            |
| 1915 | 2,738,855 | 173,348 | 70,228  | 2,635,735            |
| 1916 | 3,719,885 | 220,965 | 74,798  | 3,573,718            |
| 1917 | 4,983,650 | 271,754 | 78,727  | 4,790,623            |
| 1918 | 6,229,167 | 225,315 | 72,214  | 6,076,066            |
| 1919 | 7,030,907 | 348,727 | 88,052  | 6,770,232            |

## CONSUMER DURABLE

|      | OUTPUT  | EXPORTS                | IMPORTS | DOMESTIC CONSUMPTION |
|------|---------|------------------------|---------|----------------------|
|      |         | 12 HOUSEHOLD FURNITURE |         |                      |
| 1869 | 58,365  | 997                    | 1,089   | 58,457               |
| 1879 | 66,306  | 1,283                  | 176     | 65,199               |
| 1889 | 95,179  | 2,394                  | 611     | 93,396               |
| 1890 | 97,221  | 2,406                  | 461     | 95,276               |
| 1891 | 102,312 | 2,454                  | 615     | 100,473              |
| 1892 | 116,728 | 2,378                  | 642     | 114,992              |
| 1893 | 102,451 | 2,668                  | 421     | 100,204              |
| 1894 | 84,641  | 2,593                  | 383     | 82,431               |
| 1895 | 95,937  | 2,522                  | 550     | 93,965               |
| 1896 | 92,694  | 2,747                  | 261     | 90,208               |
| 1897 | 91,245  | 3,111                  | 286     | 88,420               |
| 1898 | 91,819  | 2,734                  | 314     | 89,399               |
| 1899 | 106,740 | 3,102                  | 446     | 104,084              |
| 1900 | 109,594 | 3,301                  | 649     | 106,942              |
| 1901 | 121,132 | 3,298                  | 887     | 118,721              |
| 1902 | 131,665 | 3,466                  | 1,181   | 129,380              |
| 1903 | 142,218 | 4,013                  | 1,044   | 139,249              |
| 1904 | 145,181 | 3,653                  | 876     | 142,404              |
| 1905 | 163,693 | 4,185                  | 1,310   | 160,818              |
| 1906 | 193,193 | 4,428                  | 1,538   | 190,303              |
| 1907 | 188,808 | 5,127                  | 1,398   | 185,079              |
| 1908 | 155,705 | 4,001                  | 860     | 152,564              |
| 1909 | 195,231 | 4,324                  | 1,100   | 192,007              |
| 1910 | 206,565 | 5,294                  | 1,097   | 202,368              |
| 1911 | 208,403 | 5,389                  | 1,047   | 204,061              |
| 1912 | 225,509 | 6,186                  | 1,216   | 220,539              |
| 1913 | 241,906 | 6,418                  | 1,237   | 236,725              |

|      | OUTPUT  | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|------|---------|---------|---------|----------------------|
| 1914 | 225,430 | 3,984   | 1,068   | 222,514              |
| 1915 | 214,320 | 2,719   | 716     | 212,317              |
| 1916 | 273,968 | 3,231   | 946     | 271,683              |
| 1917 | 303,748 | 3,801   | 626     | 300,573              |
| 1918 | 331,594 | 2,868   | 254     | 328,980              |
| 1919 | 498,005 | 3,828   | 541     | 494,718              |

13a HEATING & COOKING APPARATUS & HOUSEHOLD  
APPLIANCES, EXCEPT ELECTRICAL

|      |         |       |     |         |
|------|---------|-------|-----|---------|
| 1869 | 26,509  | 102   | ... | 26,407  |
| 1879 | 23,075  | 83    | ... | 22,992  |
| 1889 | 39,220  | 283   | ... | 38,937  |
| 1890 | 38,156  | 232   | ... | 37,924  |
| 1891 | 39,375  | 253   | ... | 39,122  |
| 1892 | 39,091  | 205   | ... | 38,886  |
| 1893 | 35,532  | 236   | ... | 35,296  |
| 1894 | 31,211  | 241   | ... | 30,970  |
| 1895 | 35,772  | 289   | ... | 35,483  |
| 1896 | 45,915  | 304   | ... | 45,611  |
| 1897 | 51,094  | 361   | ... | 50,733  |
| 1898 | 46,790  | 449   | ... | 46,341  |
| 1899 | 59,757  | 524   | ... | 59,233  |
| 1900 | 62,481  | 567   | ... | 61,914  |
| 1901 | 71,333  | 656   | ... | 70,677  |
| 1902 | 79,419  | 869   | ... | 78,550  |
| 1903 | 79,885  | 1,057 | ... | 78,828  |
| 1904 | 74,450  | 898   | ... | 73,552  |
| 1905 | 86,885  | 1,115 | ... | 85,770  |
| 1906 | 104,828 | 1,441 | ... | 103,387 |
| 1907 | 102,737 | 1,490 | ... | 101,247 |
| 1908 | 85,316  | 1,142 | ... | 84,174  |
| 1909 | 95,095  | 1,300 | ... | 93,795  |
| 1910 | 98,792  | 1,474 | ... | 97,318  |
| 1911 | 105,958 | 1,820 | ... | 104,138 |
| 1912 | 133,727 | 2,266 | ... | 131,461 |
| 1913 | 127,066 | 2,166 | ... | 124,900 |
| 1914 | 112,133 | 1,663 | ... | 110,470 |
| 1915 | 121,489 | 2,081 | ... | 119,408 |
| 1916 | 144,575 | 2,113 | ... | 142,462 |
| 1917 | 196,990 | 2,783 | ... | 194,207 |
| 1918 | 218,924 | 2,134 | ... | 216,790 |
| 1919 | 266,576 | 3,124 | ... | 263,452 |

13b ELECTRICAL HOUSEHOLD APPLIANCES & SUPPLIES

|      |     |     |     |     |
|------|-----|-----|-----|-----|
| 1869 | ... | ... | ... | ... |
| 1879 | ... | ... | ... | ... |
| 1889 | ... | ... | ... | ... |
| 1890 | ... | ... | ... | ... |
| 1891 | ... | ... | ... | ... |
| 1892 | ... | ... | ... | ... |
| 1893 | ... | ... | ... | ... |
| 1894 | ... | ... | ... | ... |
| 1895 | ... | ... | ... | ... |

TABLE I 1 cont.

|                     | OUTPUT | EXPORTS | IMPORTS | DOMESTIC<br>CONSUMPTION |
|---------------------|--------|---------|---------|-------------------------|
| 1896                | ...    | ...     | ...     | ...                     |
| 1897                | ...    | ...     | ...     | ...                     |
| 1898                | ...    | ...     | ...     | ...                     |
| 1899                | 1,858  | ...     | ...     | 1,858                   |
| 1900                | 2,384  | ...     | ...     | 2,384                   |
| 1901                | 2,550  | ...     | ...     | 2,550                   |
| 1902                | 3,236  | ...     | ...     | 3,236                   |
| 1903                | 3,753  | ...     | ...     | 3,753                   |
| 1904                | 3,298  | ...     | ...     | 3,298                   |
| 1905                | 4,737  | ...     | ...     | 4,737                   |
| 1906                | 8,021  | ...     | ...     | 8,021                   |
| 1907                | 10,181 | ...     | ...     | 10,181                  |
| 1908                | 7,722  | ...     | ...     | 7,722                   |
| 1909                | 11,816 | ...     | ...     | 11,816                  |
| 1910                | 16,312 | ...     | ...     | 16,312                  |
| 1911                | 15,734 | ...     | ...     | 15,734                  |
| 1912                | 19,657 | ...     | ...     | 19,657                  |
| 1913                | 22,121 | ...     | 108     | 22,229                  |
| 1914                | 18,256 | ...     | 516     | 18,772                  |
| 1915                | 22,924 | ...     | 818     | 23,742                  |
| 1916                | 40,671 | ...     | 564     | 41,235                  |
| 1917                | 58,605 | ...     | 188     | 58,793                  |
| 1918                | 67,468 | ...     | 69      | 67,537                  |
| 1919                | 84,244 | ...     | 280     | 84,524                  |
| 14a FLOOR COVERINGS |        |         |         |                         |
| 1869                | 22,124 | ...     | 3,625   | 25,749                  |
| 1879                | 30,337 | ...     | 939     | 31,276                  |
| 1889                | 43,967 | ...     | 2,373   | 46,340                  |
| 1890                | 48,065 | ...     | 1,989   | 50,054                  |
| 1891                | 56,382 | ...     | 4,036   | 60,418                  |
| 1892                | 52,198 | ...     | 3,970   | 56,168                  |
| 1893                | 42,652 | ...     | 3,971   | 46,623                  |
| 1894                | 37,710 | ...     | 2,892   | 40,602                  |
| 1895                | 45,042 | ...     | 4,653   | 49,695                  |
| 1896                | 33,902 | ...     | 5,622   | 39,524                  |
| 1897                | 37,681 | ...     | 6,403   | 44,084                  |
| 1898                | 38,015 | 23      | 5,630   | 43,622                  |
| 1899                | 46,987 | 32      | 7,544   | 54,499                  |
| 1900                | 48,871 | 42      | 7,222   | 56,051                  |
| 1901                | 50,805 | 71      | 8,633   | 59,367                  |
| 1902                | 60,560 | 38      | 10,919  | 71,441                  |
| 1903                | 65,001 | 67      | 11,602  | 76,536                  |
| 1904                | 61,987 | 56      | 8,842   | 70,773                  |
| 1905                | 66,985 | 69      | 11,411  | 78,327                  |
| 1906                | 77,958 | 72      | 13,907  | 91,793                  |
| 1907                | 77,491 | 108     | 15,733  | 93,116                  |
| 1908                | 58,657 | 105     | 12,736  | 71,288                  |
| 1909                | 78,992 | 138     | 14,190  | 93,044                  |
| 1910                | 84,458 | 120     | 13,259  | 97,597                  |
| 1911                | 81,116 | 158     | 12,194  | 93,152                  |

|      | OUTPUT  | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|------|---------|---------|---------|----------------------|
| 1912 | 88,899  | 153     | 12,425  | 101,171              |
| 1913 | 90,952  | 122     | 11,384  | 102,214              |
| 1914 | 80,142  | 87      | 11,806  | 91,861               |
| 1915 | 78,597  | 121     | 6,676   | 85,152               |
| 1916 | 103,995 | 279     | 7,068   | 110,784              |
| 1917 | 114,409 | 392     | 7,740   | 121,757              |
| 1918 | 116,588 | 1,141   | 4,647   | 120,094              |
| 1919 | 151,397 | 1,437   | 8,543   | 158,503              |

## 14b Misc. HOUSEFURNISHINGS

|      |         |       |     |         |
|------|---------|-------|-----|---------|
| 1869 | 14,356  | ...   | ... | 14,356  |
| 1879 | 25,425  | ...   | ... | 25,425  |
| 1889 | 51,280  | 31    | ... | 51,249  |
| 1890 | 53,861  | 29    | ... | 53,832  |
| 1891 | 54,482  | 25    | ... | 54,457  |
| 1892 | 56,448  | 11    | ... | 56,437  |
| 1893 | 53,546  | 36    | ... | 53,510  |
| 1894 | 48,345  | 34    | ... | 48,311  |
| 1895 | 52,973  | 26    | ... | 52,947  |
| 1896 | 51,147  | 38    | ... | 51,109  |
| 1897 | 51,967  | 44    | ... | 51,923  |
| 1898 | 51,929  | 110   | ... | 51,819  |
| 1899 | 61,179  | 126   | ... | 61,053  |
| 1900 | 70,946  | 213   | ... | 70,733  |
| 1901 | 69,570  | 186   | ... | 69,384  |
| 1902 | 75,516  | 157   | ... | 75,359  |
| 1903 | 76,235  | 236   | ... | 75,999  |
| 1904 | 75,688  | 223   | ... | 75,465  |
| 1905 | 78,596  | 219   | ... | 78,377  |
| 1906 | 94,251  | 270   | ... | 93,981  |
| 1907 | 89,978  | 276   | ... | 89,702  |
| 1908 | 75,985  | 192   | ... | 75,793  |
| 1909 | 91,416  | 270   | ... | 91,146  |
| 1910 | 98,379  | 324   | ... | 98,055  |
| 1911 | 94,700  | 312   | ... | 94,388  |
| 1912 | 98,504  | 543   | ... | 97,961  |
| 1913 | 107,696 | 562   | ... | 107,134 |
| 1914 | 99,298  | 452   | ... | 98,846  |
| 1915 | 97,013  | 750   | ... | 96,263  |
| 1916 | 125,043 | 968   | ... | 124,075 |
| 1917 | 167,914 | 1,101 | ... | 166,813 |
| 1918 | 203,165 | 3,178 | ... | 199,987 |
| 1919 | 218,861 | 2,209 | ... | 216,652 |

## 15 CHINA &amp; HOUSEHOLD UTENSILS

|      |        |       |        |        |
|------|--------|-------|--------|--------|
| 1869 | 18,620 | 599   | 7,996  | 26,017 |
| 1879 | 20,291 | 694   | 11,642 | 31,239 |
| 1889 | 28,464 | 953   | 18,849 | 46,360 |
| 1890 | 30,037 | 906   | 20,195 | 49,326 |
| 1891 | 32,385 | 1,019 | 20,379 | 51,745 |
| 1892 | 31,313 | 1,044 | 22,586 | 52,855 |
| 1893 | 24,011 | 1,207 | 20,656 | 43,460 |

TABLE I 1 *cont.*

|      | OUTPUT  | EXPORTS                | IMPORTS | DOMESTIC CONSUMPTION |
|------|---------|------------------------|---------|----------------------|
| 1894 | 23,685  | 960                    | 16,581  | 39,306               |
| 1895 | 22,225  | 1,038                  | 24,736  | 45,923               |
| 1896 | 31,137  | 1,167                  | 21,034  | 51,004               |
| 1897 | 33,669  | 1,269                  | 18,580  | 50,980               |
| 1898 | 37,270  | 1,353                  | 16,057  | 51,974               |
| 1899 | 43,676  | 1,955                  | 19,164  | 60,885               |
| 1900 | 49,194  | 2,251                  | 22,560  | 69,503               |
| 1901 | 51,413  | 2,262                  | 24,341  | 73,492               |
| 1902 | 56,094  | 2,387                  | 24,816  | 78,523               |
| 1903 | 64,239  | 2,587                  | 29,177  | 90,829               |
| 1904 | 65,439  | 2,815                  | 29,057  | 91,681               |
| 1905 | 81,347  | 3,195                  | 30,582  | 108,734              |
| 1906 | 93,117  | 3,631                  | 33,115  | 122,601              |
| 1907 | 90,279  | 4,009                  | 34,398  | 120,668              |
| 1908 | 71,665  | 3,444                  | 25,335  | 93,556               |
| 1909 | 79,503  | 3,704                  | 27,074  | 102,873              |
| 1910 | 90,304  | 4,505                  | 28,341  | 114,140              |
| 1911 | 94,920  | 5,079                  | 26,892  | 116,733              |
| 1912 | 104,837 | 6,699                  | 24,236  | 122,374              |
| 1913 | 109,362 | 4,237                  | 25,117  | 130,242              |
| 1914 | 106,457 | 3,476                  | 22,908  | 125,889              |
| 1915 | 119,072 | 6,273                  | 13,345  | 126,144              |
| 1916 | 160,745 | 9,788                  | 9,921   | 160,878              |
| 1917 | 221,549 | 10,565                 | 10,734  | 221,718              |
| 1918 | 197,961 | 10,269                 | 9,893   | 197,585              |
| 1919 | 235,629 | 17,272                 | 11,783  | 230,140              |
|      |         | 16 MUSICAL INSTRUMENTS |         |                      |
| 1869 | 10,095  | 214                    | 916     | 10,797               |
| 1879 | 14,060  | 606                    | 876     | 14,330               |
| 1889 | 26,911  | 842                    | 2,122   | 28,191               |
| 1890 | 31,903  | 1,034                  | 2,079   | 32,948               |
| 1891 | 32,449  | 979                    | 1,496   | 32,966               |
| 1892 | 34,380  | 1,322                  | 1,511   | 34,569               |
| 1893 | 23,043  | 995                    | 1,117   | 23,165               |
| 1894 | 19,892  | 854                    | 823     | 19,861               |
| 1895 | 27,251  | 922                    | 1,606   | 27,935               |
| 1896 | 22,375  | 1,015                  | 1,482   | 22,842               |
| 1897 | 24,222  | 1,027                  | 1,334   | 24,529               |
| 1898 | 27,654  | 1,276                  | 1,417   | 27,795               |
| 1899 | 34,156  | 1,568                  | 1,647   | 34,235               |
| 1900 | 42,822  | 1,690                  | 1,227   | 42,359               |
| 1901 | 50,258  | 2,879                  | 1,467   | 48,846               |
| 1902 | 58,540  | 2,761                  | 1,443   | 57,222               |
| 1903 | 65,920  | 2,741                  | 1,922   | 65,101               |
| 1904 | 58,472  | 2,560                  | 1,820   | 57,732               |
| 1905 | 71,865  | 2,604                  | 1,801   | 71,062               |
| 1906 | 81,772  | 2,605                  | 1,983   | 81,150               |
| 1907 | 88,436  | 2,856                  | 2,222   | 87,802               |
| 1908 | 63,641  | 2,346                  | 1,719   | 63,014               |
| 1909 | 77,368  | 2,527                  | 1,971   | 76,812               |
| 1910 | 80,528  | 4,956                  | 2,011   | 77,583               |

|  | OUTPUT  | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|--|---------|---------|---------|----------------------|
| 1911                                     | 84,571  | 5,446   | 2,196   | 81,321               |
| 1912                                     | 97,972  | 5,210   | 2,420   | 95,182               |
| 1913                                     | 107,340 | 5,417   | 2,438   | 104,361              |
| 1914                                     | 93,432  | 3,703   | 1,852   | 91,581               |
| 1915                                     | 92,550  | 3,759   | 1,381   | 90,172               |
| 1916                                     | 120,593 | 5,623   | 1,279   | 116,249              |
| 1917                                     | 141,020 | 7,716   | 1,412   | 134,716              |
| 1918                                     | 150,431 | 7,334   | 1,134   | 144,231              |
| 1919                                     | 256,485 | 10,728  | 2,505   | 248,262              |
| 17 JEWELRY, SILVERWARE, CLOCKS & WATCHES |         |         |         |                      |
| 1869                                     | 35,396  | 577     | 6,758   | 41,577               |
| 1879                                     | 37,980  | 1,583   | 6,909   | 43,306               |
| 1889                                     | 58,974  | 2,682   | 18,164  | 74,456               |
| 1890                                     | 73,257  | 2,394   | 19,369  | 90,232               |
| 1891                                     | 72,021  | 2,504   | 17,171  | 86,688               |
| 1892                                     | 74,266  | 1,802   | 17,869  | 90,333               |
| 1893                                     | 59,890  | 2,258   | 14,018  | 71,650               |
| 1894                                     | 52,176  | 1,870   | 7,995   | 58,301               |
| 1895                                     | 59,768  | 2,138   | 11,587  | 69,217               |
| 1896                                     | 52,571  | 2,327   | 8,252   | 58,496               |
| 1897                                     | 58,318  | 2,491   | 7,781   | 63,608               |
| 1898                                     | 65,269  | 2,643   | 11,385  | 74,011               |
| 1899                                     | 80,859  | 2,842   | 19,069  | 97,086               |
| 1900                                     | 88,106  | 3,328   | 15,196  | 99,974               |
| 1901                                     | 82,596  | 3,489   | 24,527  | 103,634              |
| 1902                                     | 94,773  | 3,509   | 25,697  | 116,961              |
| 1903                                     | 97,890  | 3,834   | 26,468  | 120,524              |
| 1904                                     | 100,576 | 3,861   | 24,168  | 120,883              |
| 1905                                     | 113,344 | 4,340   | 35,056  | 144,060              |
| 1906                                     | 136,897 | 5,016   | 42,103  | 173,984              |
| 1907                                     | 153,322 | 5,169   | 32,783  | 180,936              |
| 1908                                     | 114,940 | 3,762   | 17,439  | 128,617              |
| 1909                                     | 135,936 | 4,060   | 43,992  | 175,868              |
| 1910                                     | 146,268 | 4,770   | 44,651  | 186,149              |
| 1911                                     | 148,460 | 5,571   | 43,203  | 186,092              |
| 1912                                     | 155,477 | 5,842   | 41,216  | 190,851              |
| 1913                                     | 157,660 | 5,418   | 43,777  | 196,019              |
| 1914                                     | 133,081 | 3,777   | 25,330  | 154,634              |
| 1915                                     | 121,330 | 4,925   | 27,646  | 144,051              |
| 1916                                     | 173,828 | 6,647   | 54,482  | 221,663              |
| 1917                                     | 184,503 | 7,363   | 42,043  | 219,183              |
| 1918                                     | 176,490 | 7,040   | 25,494  | 194,944              |
| 1919                                     | 304,810 | 11,931  | 116,861 | 409,740              |
| 18 PRINTING & PUBLISHING: BOOKS          |         |         |         |                      |
| 1869                                     | 8,341   | 165     | 264     | 8,440                |
| 1879                                     | 19,145  | 313     | 290     | 19,122               |
| 1889                                     | 34,409  | 891     | 1,138   | 34,656               |
| 1890                                     | 33,447  | 950     | 1,386   | 33,883               |
| 1891                                     | 32,525  | 876     | 1,770   | 33,419               |
| 1892                                     | 33,753  | 834     | 1,979   | 34,898               |
| 1893                                     | 33,439  | 1,131   | 1,980   | 34,288               |

TABLE I 1 cont.

|      | OUTPUT  | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|------|---------|---------|---------|----------------------|
| 1894 | 27,729  | 1,183   | 1,815   | 28,361               |
| 1895 | 34,859  | 1,153   | 1,880   | 35,586               |
| 1896 | 33,956  | 1,222   | 1,906   | 34,640               |
| 1897 | 33,292  | 1,228   | 1,666   | 33,730               |
| 1898 | 40,340  | 1,172   | 1,594   | 40,762               |
| 1899 | 44,516  | 1,326   | 1,826   | 45,016               |
| 1900 | 43,931  | 1,577   | 1,994   | 44,348               |
| 1901 | 46,984  | 1,750   | 2,169   | 47,403               |
| 1902 | 48,884  | 2,129   | 2,395   | 49,150               |
| 1903 | 51,075  | 2,095   | 2,524   | 51,504               |
| 1904 | 53,312  | 2,285   | 2,580   | 53,607               |
| 1905 | 56,555  | 2,592   | 2,756   | 56,719               |
| 1906 | 55,672  | 2,837   | 3,112   | 55,947               |
| 1907 | 56,986  | 3,309   | 3,086   | 56,763               |
| 1908 | 53,919  | 3,012   | 2,930   | 53,837               |
| 1909 | 62,930  | 3,147   | 3,144   | 62,927               |
| 1910 | 61,131  | 4,091   | 3,292   | 60,332               |
| 1911 | 59,639  | 4,047   | 3,522   | 59,114               |
| 1912 | 67,162  | 4,666   | 3,852   | 66,348               |
| 1913 | 78,603  | 4,794   | 3,980   | 77,789               |
| 1914 | 68,588  | 4,312   | 3,811   | 68,087               |
| 1915 | 74,031  | 3,902   | 3,182   | 73,311               |
| 1916 | 78,396  | 4,913   | 3,219   | 76,702               |
| 1917 | 92,345  | 5,389   | 2,820   | 89,776               |
| 1918 | 102,898 | 5,552   | 1,868   | 99,214               |
| 1919 | 132,699 | 8,809   | 3,467   | 127,357              |
|      |         | 19      | LUGGAGE |                      |
| 1869 | 7,745   | 71      | ...     | 7,674                |
| 1879 | 7,270   | 155     | ...     | 7,115                |
| 1889 | 10,849  | 180     | ...     | 10,669               |
| 1890 | 13,648  | 212     | ...     | 13,436               |
| 1891 | 14,108  | 170     | ...     | 13,938               |
| 1892 | 15,756  | 152     | ...     | 15,604               |
| 1893 | 13,061  | 130     | ...     | 12,931               |
| 1894 | 11,185  | 104     | ...     | 11,081               |
| 1895 | 9,021   | 104     | ...     | 8,917                |
| 1896 | 9,309   | 98      | ...     | 9,211                |
| 1897 | 8,935   | 98      | ...     | 8,837                |
| 1898 | 8,904   | 106     | ...     | 8,798                |
| 1899 | 12,727  | 135     | ...     | 12,592               |
| 1900 | 12,134  | 106     | ...     | 12,028               |
| 1901 | 13,235  | 104     | ...     | 13,131               |
| 1902 | 15,043  | 180     | ...     | 14,863               |
| 1903 | 16,015  | 170     | ...     | 15,845               |
| 1904 | 19,091  | 191     | ...     | 18,900               |
| 1905 | 20,367  | 221     | ...     | 20,146               |
| 1906 | 24,127  | 247     | ...     | 23,880               |
| 1907 | 27,979  | 298     | ...     | 27,681               |
| 1908 | 23,854  | 208     | ...     | 23,646               |
| 1909 | 28,703  | 248     | ...     | 28,455               |
| 1910 | 32,786  | ...     | ...     | 32,786               |

|      | OUTPUT | EXPORTS | IMPORTS | DOMESTIC<br>CONSUMPTION |
|------|--------|---------|---------|-------------------------|
| 1911 | 36,061 | ...     | ...     | 36,061                  |
| 1912 | 34,359 | 421     | ...     | 33,938                  |
| 1913 | 34,544 | 521     | ...     | 34,023                  |
| 1914 | 26,768 | 317     | ...     | 26,451                  |
| 1915 | 26,319 | 425     | ...     | 25,894                  |
| 1916 | 40,065 | 424     | ...     | 39,641                  |
| 1917 | 37,169 | 471     | ...     | 36,698                  |
| 1918 | 52,513 | 341     | ...     | 52,172                  |
| 1919 | 64,864 | 705     | ...     | 64,159                  |

## 20a PASSENGER VEHICLES, MOTOR

|      |           |        |       |           |
|------|-----------|--------|-------|-----------|
| 1869 | ...       | ...    | ...   | ...       |
| 1879 | ...       | ...    | ...   | ...       |
| 1889 | ...       | ...    | ...   | ...       |
| 1890 | ...       | ...    | ...   | ...       |
| 1891 | ...       | ...    | ...   | ...       |
| 1892 | ...       | ...    | ...   | ...       |
| 1893 | ...       | ...    | ...   | ...       |
| 1894 | ...       | ...    | ...   | ...       |
| 1895 | ...       | ...    | ...   | ...       |
| 1896 | ...       | ...    | ...   | ...       |
| 1897 | ...       | ...    | ...   | ...       |
| 1898 | ...       | ...    | ...   | ...       |
| 1899 | 4,390     | 218    | ...   | 4,172     |
| 1900 | 6,273     | 297    | ...   | 5,976     |
| 1901 | 8,156     | 367    | ...   | 7,789     |
| 1902 | 10,361    | 1,070  | ...   | 9,291     |
| 1903 | 12,957    | 1,643  | ...   | 11,314    |
| 1904 | 23,279    | 1,898  | ...   | 21,381    |
| 1905 | 38,450    | 2,824  | ...   | 35,626    |
| 1906 | 60,962    | 4,481  | 6,238 | 62,719    |
| 1907 | 90,667    | 5,489  | 4,408 | 89,586    |
| 1908 | 133,519   | 4,769  | 3,419 | 132,169   |
| 1909 | 157,345   | 7,224  | 4,187 | 154,308   |
| 1910 | 212,627   | 11,688 | 2,842 | 203,781   |
| 1911 | 222,750   | 16,257 | 2,689 | 209,182   |
| 1912 | 332,521   | 23,840 | 2,652 | 311,333   |
| 1913 | 397,982   | 26,741 | 1,562 | 372,803   |
| 1914 | 419,903   | 20,890 | 571   | 399,584   |
| 1915 | 574,826   | 37,260 | 257   | 537,823   |
| 1916 | 919,627   | 46,482 | 522   | 873,667   |
| 1917 | 1,051,705 | 55,173 | 185   | 996,717   |
| 1918 | 800,655   | 37,997 | 39    | 762,697   |
| 1919 | 1,363,521 | 76,813 | 158   | 1,286,866 |

## 20b MOTOR VEHICLE ACCESSORIES

|      |     |     |     |     |
|------|-----|-----|-----|-----|
| 1869 | ... | ... | ... | ... |
| 1879 | ... | ... | ... | ... |
| 1889 | ... | ... | ... | ... |
| 1890 | ... | ... | ... | ... |
| 1891 | ... | ... | ... | ... |
| 1892 | ... | ... | ... | ... |
| 1893 | ... | ... | ... | ... |

TABLE I 1 cont.

|      | OUTPUT  | EXPORTS  | IMPORTS | DOMESTIC CONSUMPTION |
|------|---------|--|---------|----------------------|
| 1894 | ...     | ...  | ...     | ...                  |
| 1895 | ...     | ...  | ...     | ...                  |
| 1896 | ...     | ...  | ...     | ...                  |
| 1897 | ...     | ...  | ...     | ...                  |
| 1898 | ...     | ...  | ...     | ...                  |
| 1899 | ...     | ...  | ...     | ...                  |
| 1900 | ...     | ...  | ...     | ...                  |
| 1901 | ...     | ...  | ...     | ...                  |
| 1902 | ...     | ...  | ...     | ...                  |
| 1903 | ...     | ...  | ...     | ...                  |
| 1904 | 2,451   | ...  | ...     | 2,451                |
| 1905 | 4,280   | ...  | ...     | 4,280                |
| 1906 | 7,136   | ...  | 692     | 7,828                |
| 1907 | 11,031  | 677  | 907     | 11,261               |
| 1908 | 17,014  | 666  | 947     | 17,295               |
| 1909 | 20,930  | 1,016  | 1,227   | 21,141               |
| 1910 | 28,123  | 2,136  | 932     | 26,919               |
| 1911 | 29,250  | 3,435  | 508     | 26,323               |
| 1912 | 43,684  | 4,808  | 454     | 39,330               |
| 1913 | 51,908  | 6,423  | 627     | 46,112               |
| 1914 | 54,525  | 5,841  | 1,194   | 49,878               |
| 1915 | 77,181  | 16,935   | 753     | 60,999               |
| 1916 | 127,980 | 24,399   | 390     | 103,971              |
| 1917 | 152,452 | 32,219   | 244     | 120,477              |
| 1918 | 119,970 | 34,220   | 67      | 85,817               |
| 1919 | 210,834 | 43,248   | 374     | 167,960              |
|      | 20c     | PASSENGER VEHICLES, HORSE-DRAWN, & ACCESSORIES |         |                      |
| 1869 | 36,111  | 445  | ...     | 35,666               |
| 1879 | 35,966  | 892  | ...     | 35,074               |
| 1889 | 56,043  | 2,004  | ...     | 54,039               |
| 1890 | 62,346  | 1,898  | ...     | 60,448               |
| 1891 | 64,458  | 2,094  | ...     | 62,364               |
| 1892 | 64,908  | 1,610  | ...     | 63,298               |
| 1893 | 60,193  | 1,654  | ...     | 58,539               |
| 1894 | 52,508  | 1,601  | ...     | 50,907               |
| 1895 | 46,780  | 1,626  | ...     | 45,154               |
| 1896 | 41,229  | 1,912  | ...     | 39,317               |
| 1897 | 42,741  | 1,851  | ...     | 40,890               |
| 1898 | 45,100  | 1,586  | ...     | 43,514               |
| 1899 | 55,640  | 2,158  | ...     | 53,482               |
| 1900 | 52,863  | 2,773  | ...     | 50,090               |
| 1901 | 66,759  | 2,667  | ...     | 64,092               |
| 1902 | 61,822  | 2,987  | ...     | 58,835               |
| 1903 | 60,218  | 3,514  | ...     | 56,704               |
| 1904 | 61,080  | 3,255  | ...     | 57,825               |
| 1905 | 64,942  | 3,697  | ...     | 61,245               |
| 1906 | 66,621  | 4,270  | ...     | 62,351               |
| 1907 | 68,229  | 4,462  | ...     | 63,767               |
| 1908 | 52,728  | 3,883  | ...     | 48,845               |
| 1909 | 53,691  | 3,864  | ...     | 49,827               |
| 1910 | 58,381  | 5,051  | ...     | 53,330               |

|      | OUTPUT | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|------|--------|---------|---------|----------------------|
| 1911 | 51,385 | 5,471   | 22      | 45,936               |
| 1912 | 46,760 | 5,205   | 2       | 41,557               |
| 1913 | 42,383 | 2,251   | 5       | 40,137               |
| 1914 | 37,103 | 1,550   | 16      | 35,569               |
| 1915 | 31,572 | 1,047   | 22      | 30,547               |
| 1916 | 31,846 | 817     | 16      | 31,045               |
| 1917 | 39,783 | 997     | 6       | 38,792               |
| 1918 | 35,839 | 576     | 12      | 35,275               |
| 1919 | 27,230 | 863     | 20      | 26,387               |

## 21 MOTORCYCLES &amp; BICYCLES

|      |        |       |     |        |
|------|--------|-------|-----|--------|
| 1869 | ...    | ...   | ... | ...    |
| 1879 | ...    | ...   | ... | ...    |
| 1889 | 1,907  | ...   | ... | 1,907  |
| 1890 | ...    | ...   | ... | ...    |
| 1891 | ...    | ...   | ... | ...    |
| 1892 | ...    | ...   | ... | ...    |
| 1893 | ...    | ...   | ... | ...    |
| 1894 | ...    | ...   | ... | ...    |
| 1895 | 14,067 | ...   | ... | 14,067 |
| 1896 | 18,657 | 3,796 | ... | 14,861 |
| 1897 | 33,928 | 6,903 | ... | 27,025 |
| 1898 | 34,857 | 7,092 | ... | 27,765 |
| 1899 | 23,690 | 4,820 | ... | 18,870 |
| 1900 | 13,585 | 3,061 | ... | 10,524 |
| 1901 | 10,292 | 2,599 | ... | 7,693  |
| 1902 | 8,990  | 2,581 | ... | 6,409  |
| 1903 | 6,307  | 2,099 | ... | 4,208  |
| 1904 | 4,100  | 1,622 | ... | 2,478  |
| 1905 | 6,722  | 1,320 | ... | 5,402  |
| 1906 | 6,299  | 1,405 | ... | 4,894  |
| 1907 | 7,628  | 1,083 | ... | 6,545  |
| 1908 | 5,606  | 702   | ... | 4,904  |
| 1909 | 6,280  | 681   | ... | 5,599  |
| 1910 | 8,024  | 729   | ... | 7,295  |
| 1911 | 10,179 | 962   | 188 | 9,405  |
| 1912 | 12,959 | 1,211 | 249 | 11,997 |
| 1913 | 23,072 | 1,499 | 277 | 21,850 |
| 1914 | 17,668 | 1,753 | 262 | 16,177 |
| 1915 | 16,698 | 3,432 | 46  | 13,312 |
| 1916 | 20,514 | 4,313 | 88  | 16,289 |
| 1917 | 20,961 | 4,470 | 199 | 16,690 |
| 1918 | 22,623 | 3,710 | 6   | 18,919 |
| 1919 | 28,887 | 9,922 | 16  | 18,981 |

## 22 PLEASURE CRAFT

|      |       |     |     |       |
|------|-------|-----|-----|-------|
| 1869 | 550   | ... | ... | 550   |
| 1879 | 920   | ... | ... | 920   |
| 1889 | 1,460 | ... | ... | 1,460 |
| 1890 | 1,454 | ... | ... | 1,454 |
| 1891 | 1,589 | ... | ... | 1,589 |
| 1892 | 1,462 | ... | ... | 1,462 |
| 1893 | 1,395 | ... | ... | 1,395 |

TABLE I 1 *cont.*

|      | OUTPUT | EXPORTS                                | IMPORTS | DOMESTIC CONSUMPTION |
|------|--------|--|---------|----------------------|
| 1894 | 1,036  | ...                                    | ...     | 1,036                |
| 1895 | 1,315  | ...                                    | ...     | 1,315                |
| 1896 | 1,201  | ...                                    | ...     | 1,201                |
| 1897 | 1,195  | ...                                    | ...     | 1,195                |
| 1898 | 1,399  | ...                                    | ...     | 1,399                |
| 1899 | 2,065  | ...                                    | ...     | 2,065                |
| 1900 | 2,698  | ...                                    | ...     | 2,698                |
| 1901 | 3,742  | ...                                    | ...     | 3,742                |
| 1902 | 3,539  | ...                                    | ...     | 3,539                |
| 1903 | 3,584  | ...                                    | ...     | 3,584                |
| 1904 | 3,149  | ...                                    | ...     | 3,149                |
| 1905 | 3,783  | ...                                    | ...     | 3,783                |
| 1906 | 4,320  | ...                                    | ...     | 4,320                |
| 1907 | 6,055  | ...                                    | ...     | 6,055                |
| 1908 | 3,654  | 303                                    | ...     | 3,351                |
| 1909 | 4,738  | 437                                    | ...     | 4,301                |
| 1910 | 4,844  | 407                                    | ...     | 4,437                |
| 1911 | 4,827  | 544                                    | ...     | 4,283                |
| 1912 | 4,752  | 881                                    | ...     | 3,871                |
| 1913 | 4,801  | 711                                    | ...     | 4,090                |
| 1914 | 4,121  | 505                                    | ...     | 3,616                |
| 1915 | 4,207  | 844                                    | ...     | 3,363                |
| 1916 | 4,504  | 518                                    | ...     | 3,986                |
| 1917 | 4,835  | 1,514                                  | ...     | 3,321                |
| 1918 | 5,165  | 3,664                                  | ...     | 1,501                |
| 1919 | 5,496  | 359                                    | ...     | 5,137                |
|      | 23     | OPHTHALMIC PRODUCTS & ARTIFICIAL LIMBS |         |                      |
| 1869 | 386    | ...                                    | ...     | 386                  |
| 1879 | 752    | ...                                    | ...     | 752                  |
| 1889 | 2,296  | ...                                    | ...     | 2,296                |
| 1890 | 2,625  | ...                                    | ...     | 2,625                |
| 1891 | 2,936  | ...                                    | ...     | 2,936                |
| 1892 | 3,225  | ...                                    | ...     | 3,225                |
| 1893 | 3,303  | ...                                    | ...     | 3,303                |
| 1894 | 3,302  | ...                                    | ...     | 3,302                |
| 1895 | 3,674  | ...                                    | ...     | 3,674                |
| 1896 | 3,806  | ...                                    | ...     | 3,806                |
| 1897 | 3,951  | ...                                    | ...     | 3,951                |
| 1898 | 4,285  | ...                                    | ...     | 4,285                |
| 1899 | 4,806  | ...                                    | ...     | 4,806                |
| 1900 | 4,729  | ...                                    | ...     | 4,729                |
| 1901 | 5,218  | ...                                    | ...     | 5,218                |
| 1902 | 5,698  | ...                                    | ...     | 5,698                |
| 1903 | 5,814  | ...                                    | ...     | 5,814                |
| 1904 | 5,644  | ...                                    | ...     | 5,644                |
| 1905 | 7,099  | ...                                    | ...     | 7,099                |
| 1906 | 7,874  | ...                                    | ...     | 7,874                |
| 1907 | 9,360  | ...                                    | ...     | 9,360                |
| 1908 | 9,307  | ...                                    | ...     | 9,307                |
| 1909 | 10,477 | ...                                    | ...     | 10,477               |
| 1910 | 10,653 | ...                                    | ...     | 10,653               |

|      | OUTPUT | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|------|--------|---------|---------|----------------------|
| 1911 | 10,928 | ...     | ...     | 10,928               |
| 1912 | 10,557 | ...     | ...     | 10,557               |
| 1913 | 12,304 | ...     | ...     | 12,304               |
| 1914 | 15,476 | ...     | ...     | 15,476               |
| 1915 | 20,172 | ...     | ...     | 20,172               |
| 1916 | 23,904 | ...     | ...     | 23,904               |
| 1917 | 36,514 | ...     | ...     | 36,514               |
| 1918 | 71,119 | ...     | ...     | 71,119               |
| 1919 | 45,041 | ...     | ...     | 45,041               |

## 24 MONUMENTS &amp; TOMBSTONES

|      |        |     |     |        |
|------|--------|-----|-----|--------|
| 1869 | 6,581  | ... | ... | 6,581  |
| 1879 | 7,543  | ... | ... | 7,543  |
| 1889 | 15,247 | ... | ... | 15,247 |
| 1890 | 17,265 | ... | ... | 17,265 |
| 1891 | 16,722 | ... | ... | 16,722 |
| 1892 | 16,568 | ... | ... | 16,568 |
| 1893 | 11,938 | ... | ... | 11,938 |
| 1894 | 14,868 | ... | ... | 14,868 |
| 1895 | 13,789 | ... | ... | 13,789 |
| 1896 | 13,354 | ... | ... | 13,354 |
| 1897 | 16,629 | ... | ... | 16,629 |
| 1898 | 17,459 | ... | ... | 17,459 |
| 1899 | 20,323 | ... | ... | 20,323 |
| 1900 | 18,426 | ... | ... | 18,426 |
| 1901 | 23,164 | ... | ... | 23,164 |
| 1902 | 27,868 | ... | ... | 27,868 |
| 1903 | 25,888 | ... | ... | 25,888 |
| 1904 | 25,689 | ... | ... | 25,689 |
| 1905 | 28,658 | ... | ... | 28,658 |
| 1906 | 34,468 | ... | ... | 34,468 |
| 1907 | 38,315 | ... | ... | 38,315 |
| 1908 | 40,937 | ... | ... | 40,937 |
| 1909 | 38,405 | ... | ... | 38,405 |
| 1910 | 42,568 | ... | ... | 42,568 |
| 1911 | 42,385 | ... | ... | 42,385 |
| 1912 | 40,250 | ... | ... | 40,250 |
| 1913 | 42,146 | ... | ... | 42,146 |
| 1914 | 40,977 | ... | ... | 40,977 |
| 1915 | 37,513 | ... | ... | 37,513 |
| 1916 | 37,895 | ... | ... | 37,895 |
| 1917 | 42,284 | ... | ... | 42,284 |
| 1918 | 50,036 | ... | ... | 50,036 |
| 1919 | 73,361 | ... | ... | 73,361 |

## CONSUMER DURABLE, TOTALS

|      |         |        |        |         |
|------|---------|--------|--------|---------|
| 1869 | 245,179 | 3,170  | 20,648 | 262,657 |
| 1879 | 289,070 | 5,609  | 20,832 | 304,293 |
| 1889 | 466,206 | 10,260 | 43,257 | 499,203 |
| 1890 | 503,285 | 10,061 | 45,479 | 538,703 |
| 1891 | 521,744 | 10,374 | 45,567 | 556,837 |
| 1892 | 540,096 | 9,358  | 48,557 | 579,295 |
| 1893 | 464,454 | 10,315 | 42,163 | 496,302 |

TABLE I 1 cont.

|      | OUTPUT    | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|------|-----------|---------|---------|----------------------|
| 1894 | 408,288   | 9,440   | 30,489  | 429,337              |
| 1895 | 462,473   | 9,818   | 45,012  | 497,667              |
| 1896 | 451,253   | 14,626  | 38,557  | 475,184              |
| 1897 | 488,867   | 18,383  | 36,050  | 506,534              |
| 1898 | 511,090   | 18,544  | 36,397  | 528,943              |
| 1899 | 603,369   | 18,806  | 49,696  | 634,259              |
| 1900 | 629,037   | 19,206  | 48,848  | 658,679              |
| 1901 | 677,207   | 20,328  | 62,024  | 718,903              |
| 1902 | 742,008   | 22,134  | 66,451  | 786,325              |
| 1903 | 776,999   | 24,056  | 72,737  | 825,680              |
| 1904 | 782,886   | 23,317  | 67,343  | 826,912              |
| 1905 | 898,308   | 26,381  | 82,916  | 954,843              |
| 1906 | 1,057,516 | 30,703  | 102,688 | 1,129,501            |
| 1907 | 1,117,482 | 34,353  | 94,935  | 1,178,064            |
| 1908 | 974,169   | 28,535  | 65,385  | 1,011,019            |
| 1909 | 1,148,856 | 32,940  | 96,885  | 1,212,801            |
| 1910 | 1,280,743 | 45,545  | 96,425  | 1,331,623            |
| 1911 | 1,301,266 | 54,491  | 92,461  | 1,339,236            |
| 1912 | 1,517,586 | 67,931  | 88,722  | 1,538,377            |
| 1913 | 1,651,846 | 67,280  | 90,512  | 1,675,078            |
| 1914 | 1,553,358 | 52,310  | 69,334  | 1,570,382            |
| 1915 | 1,729,814 | 84,473  | 54,842  | 1,700,183            |
| 1916 | 2,428,149 | 110,515 | 78,495  | 2,396,129            |
| 1917 | 2,866,786 | 133,954 | 66,197  | 2,799,029            |
| 1918 | 2,723,439 | 120,024 | 43,483  | 2,646,898            |
| 1919 | 3,967,946 | 191,248 | 144,548 | 3,921,240            |

## PRODUCER DURABLE

|      | OUTPUT                           | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|------|----------------------------------|---------|---------|----------------------|
| 25a  | INDUSTRIAL MACHINERY & EQUIPMENT |         |         |                      |
| 1869 | 112,685                          | 4,456   | 2,170   | 110,399              |
| 1879 | 102,746                          | 5,296   | 1,171   | 98,621               |
| 1889 | 192,229                          | 11,715  | 3,969   | 184,483              |
| 1890 | 195,358                          | 13,532  | 3,740   | 185,566              |
| 1891 | 195,477                          | 14,560  | 4,536   | 185,453              |
| 1892 | 206,408                          | 14,282  | 4,341   | 196,467              |
| 1893 | 195,374                          | 14,156  | 3,645   | 184,863              |
| 1894 | 169,817                          | 13,803  | 1,712   | 157,726              |
| 1895 | 206,170                          | 15,952  | 2,903   | 193,121              |
| 1896 | 228,752                          | 22,103  | 3,147   | 209,796              |
| 1897 | 204,955                          | 24,631  | 1,955   | 182,279              |
| 1898 | 223,085                          | 30,807  | 2,645   | 194,923              |
| 1899 | 302,428                          | 37,821  | 2,915   | 267,522              |
| 1900 | 385,018                          | 42,872  | 5,468   | 347,614              |
| 1901 | 359,110                          | 32,880  | 4,027   | 330,257              |
| 1902 | 402,763                          | 37,230  | 5,728   | 371,261              |
| 1903 | 439,245                          | 38,961  | 5,633   | 405,917              |
| 1904 | 367,144                          | 44,005  | 4,007   | 327,146              |
| 1905 | 452,672                          | 52,538  | 4,574   | 404,708              |
| 1906 | 560,889                          | 62,710  | 6,421   | 504,600              |

|      | OUTPUT    | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|------|-----------|---------|---------|----------------------|
| 1907 | 575,514   | 71,234  | 6,647   | 510,927              |
| 1908 | 381,844   | 55,306  | 4,681   | 331,219              |
| 1909 | 492,396   | 55,427  | 9,917   | 446,886              |
| 1910 | 575,620   | 74,155  | 10,981  | 512,446              |
| 1911 | 553,793   | 87,290  | 10,087  | 476,590              |
| 1912 | 603,893   | 97,557  | 10,720  | 517,056              |
| 1913 | 642,115   | 106,764 | 8,040   | 543,391              |
| 1914 | 532,850   | 79,967  | 7,326   | 460,209              |
| 1915 | 650,654   | 118,076 | 4,183   | 536,761              |
| 1916 | 1,102,515 | 201,112 | 4,568   | 905,971              |
| 1917 | 1,588,535 | 233,675 | 3,257   | 1,358,117            |
| 1918 | 1,798,080 | 227,419 | 5,177   | 1,575,838            |
| 1919 | 1,745,940 | 309,953 | 4,464   | 1,440,451            |

## 25b TRACTORS

|      |         |        |     |         |
|------|---------|--------|-----|---------|
| 1869 | ...     | ...    | ... | ...     |
| 1879 | ...     | ...    | ... | ...     |
| 1889 | ...     | ...    | ... | ...     |
| 1890 | ...     | ...    | ... | ...     |
| 1891 | ...     | ...    | ... | ...     |
| 1892 | ...     | ...    | ... | ...     |
| 1893 | ...     | ...    | ... | ...     |
| 1894 | ...     | ...    | ... | ...     |
| 1895 | ...     | ...    | ... | ...     |
| 1896 | ...     | ...    | ... | ...     |
| 1897 | ...     | ...    | ... | ...     |
| 1898 | ...     | ...    | ... | ...     |
| 1899 | ...     | ...    | ... | ...     |
| 1900 | ...     | ...    | ... | ...     |
| 1901 | ...     | ...    | ... | ...     |
| 1902 | ...     | ...    | ... | ...     |
| 1903 | ...     | ...    | ... | ...     |
| 1904 | ...     | ...    | ... | ...     |
| 1905 | ...     | ...    | ... | ...     |
| 1906 | ...     | ...    | ... | ...     |
| 1907 | ...     | ...    | ... | ...     |
| 1908 | ...     | ...    | ... | ...     |
| 1909 | ...     | ...    | ... | ...     |
| 1910 | ...     | ...    | ... | ...     |
| 1911 | ...     | ...    | ... | ...     |
| 1912 | 13,118  | 5,001  | ... | 8,117   |
| 1913 | 8,220   | 3,802  | ... | 4,418   |
| 1914 | 17,651  | 972    | ... | 16,679  |
| 1915 | 24,030  | 1,303  | ... | 22,727  |
| 1916 | 32,036  | 6,209  | ... | 25,827  |
| 1917 | 67,239  | 16,521 | ... | 50,718  |
| 1918 | 161,004 | 24,402 | ... | 136,602 |
| 1919 | 172,667 | 20,026 | ... | 152,641 |

## 26 ELECTRICAL EQUIPMENT, INDUSTRIAL &amp; COMMERCIAL

|      |        |     |     |        |
|------|--------|-----|-----|--------|
| 1869 | ...    | ... | ... | ...    |
| 1879 | 1,935  | ... | ... | 1,935  |
| 1889 | 13,056 | ... | ... | 13,056 |

TABLE I 1 *cont.*

|      | OUTPUT  | EXPORTS           | IMPORTS | DOMESTIC CONSUMPTION |
|------|---------|-------------------|---------|----------------------|
| 1890 | 21,847  | ...               | ...     | 21,847               |
| 1891 | 23,728  | ...               | ...     | 23,728               |
| 1892 | 22,651  | ...               | ...     | 22,651               |
| 1893 | 16,551  | ...               | ...     | 16,551               |
| 1894 | 15,800  | ...               | ...     | 15,800               |
| 1895 | 19,984  | ...               | ...     | 19,984               |
| 1896 | 20,483  | ...               | ...     | 20,483               |
| 1897 | 25,287  | 917               | ...     | 24,370               |
| 1898 | 36,845  | 2,524             | ...     | 34,321               |
| 1899 | 59,208  | 3,143             | ...     | 56,065               |
| 1900 | 73,492  | 5,286             | ...     | 68,206               |
| 1901 | 76,009  | 7,499             | ...     | 68,510               |
| 1902 | 90,623  | 10,043            | ...     | 80,580               |
| 1903 | 101,965 | 10,030            | ...     | 91,935               |
| 1904 | 87,071  | 11,133            | ...     | 75,938               |
| 1905 | 98,123  | 13,216            | ...     | 84,907               |
| 1906 | 136,767 | 16,841            | ...     | 119,926              |
| 1907 | 145,286 | 17,760            | ...     | 127,526              |
| 1908 | 95,942  | 12,773            | ...     | 83,169               |
| 1909 | 124,397 | 13,211            | ...     | 111,186              |
| 1910 | 161,672 | 17,235            | ...     | 144,437              |
| 1911 | 153,423 | 19,936            | ...     | 133,487              |
| 1912 | 186,266 | 24,137            | ...     | 162,129              |
| 1913 | 206,579 | 29,430            | ...     | 177,149              |
| 1914 | 168,075 | 21,085            | ...     | 146,990              |
| 1915 | 185,555 | 25,342            | ...     | 160,213              |
| 1916 | 295,586 | 41,644            | ...     | 253,942              |
| 1917 | 382,526 | 57,339            | ...     | 325,187              |
| 1918 | 401,567 | 61,699            | ...     | 339,868              |
| 1919 | 456,602 | 90,948            | ...     | 365,654              |
|      |         | 27 FARM EQUIPMENT |         |                      |
| 1869 | 51,064  | 1,068             | ...     | 49,996               |
| 1879 | 69,930  | 2,656             | ...     | 67,274               |
| 1889 | 88,479  | 4,589             | ...     | 83,890               |
| 1890 | 92,701  | 3,696             | ...     | 89,005               |
| 1891 | 79,091  | 3,760             | ...     | 75,331               |
| 1892 | 80,123  | 4,722             | ...     | 75,401               |
| 1893 | 76,907  | 5,700             | ...     | 71,207               |
| 1894 | 64,110  | 5,426             | ...     | 58,684               |
| 1895 | 65,337  | 6,016             | ...     | 59,321               |
| 1896 | 52,117  | 5,549             | ...     | 46,568               |
| 1897 | 64,906  | 6,494             | ...     | 58,412               |
| 1898 | 96,194  | 10,610            | ...     | 85,584               |
| 1899 | 115,756 | 16,392            | ...     | 99,364               |
| 1900 | 118,871 | 18,310            | ...     | 100,561              |
| 1901 | 129,533 | 19,146            | ...     | 110,387              |
| 1902 | 173,467 | 20,601            | ...     | 152,866              |
| 1903 | 145,986 | 25,789            | ...     | 120,197              |
| 1904 | 149,907 | 24,693            | ...     | 125,214              |
| 1905 | 155,953 | 25,750            | ...     | 130,203              |

|      | OUTPUT  | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|------|---------|---------|---------|----------------------|
| 1906 | 189,725 | 29,259  | ...     | 160,466              |
| 1907 | 191,886 | 30,295  | ...     | 161,591              |
| 1908 | 166,666 | 28,999  | ...     | 137,667              |
| 1909 | 197,837 | 31,351  | ...     | 166,486              |
| 1910 | 206,447 | 35,874  | ...     | 170,573              |
| 1911 | 209,778 | 41,615  | ...     | 168,163              |
| 1912 | 233,720 | 46,433  | ...     | 187,287              |
| 1913 | 260,740 | 58,293  | ...     | 202,447              |
| 1914 | 214,639 | 27,367  | 526     | 187,798              |
| 1915 | 235,562 | 30,959  | 533     | 205,136              |
| 1916 | 291,892 | 55,084  | 323     | 237,131              |
| 1917 | 305,204 | 55,695  | 449     | 249,958              |
| 1918 | 359,194 | 58,091  | 727     | 301,830              |
| 1919 | 394,974 | 54,531  | 3,356   | 343,799              |

## 28 OFFICE &amp; STORE MACHINERY &amp; EQUIPMENT

|      |         |        |     |         |
|------|---------|--------|-----|---------|
| 1869 | 3,207   | 117    | ... | 3,090   |
| 1879 | 3,822   | 195    | ... | 3,627   |
| 1889 | 8,557   | 335    | ... | 8,222   |
| 1890 | 9,004   | 307    | ... | 8,697   |
| 1891 | 9,344   | 314    | ... | 9,030   |
| 1892 | 10,178  | 359    | ... | 9,819   |
| 1893 | 9,919   | 372    | ... | 9,547   |
| 1894 | 8,892   | 292    | ... | 8,600   |
| 1895 | 11,081  | 388    | ... | 10,693  |
| 1896 | 12,677  | 1,063  | ... | 11,614  |
| 1897 | 11,643  | 1,936  | ... | 9,707   |
| 1898 | 13,002  | 2,406  | ... | 10,596  |
| 1899 | 17,989  | 3,684  | ... | 14,305  |
| 1900 | 23,890  | 4,141  | ... | 19,749  |
| 1901 | 23,330  | 4,397  | ... | 18,933  |
| 1902 | 27,198  | 5,304  | ... | 21,894  |
| 1903 | 31,001  | 7,135  | ... | 23,866  |
| 1904 | 26,911  | 6,633  | ... | 20,278  |
| 1905 | 36,038  | 8,066  | ... | 27,972  |
| 1906 | 48,107  | 9,335  | ... | 38,772  |
| 1907 | 52,841  | 10,169 | ... | 42,672  |
| 1908 | 37,359  | 9,437  | ... | 27,922  |
| 1909 | 51,148  | 11,057 | ... | 40,091  |
| 1910 | 61,127  | 12,771 | ... | 48,356  |
| 1911 | 60,134  | 16,383 | ... | 43,751  |
| 1912 | 68,300  | 18,095 | ... | 50,205  |
| 1913 | 73,588  | 18,193 | ... | 55,395  |
| 1914 | 63,704  | 12,852 | ... | 50,852  |
| 1915 | 73,133  | 10,089 | ... | 63,044  |
| 1916 | 114,208 | 15,438 | ... | 98,770  |
| 1917 | 154,687 | 14,202 | ... | 140,485 |
| 1918 | 169,113 | 11,304 | ... | 157,809 |
| 1919 | 153,406 | 27,972 | ... | 125,434 |

## 29 OFFICE &amp; STORE FURNITURE &amp; FIXTURES

|      |        |     |     |        |
|------|--------|-----|-----|--------|
| 1869 | 13,631 | ... | ... | 13,631 |
| 1879 | 15,870 | ... | ... | 15,870 |

TABLE I 1 *cont.*

|                                | OUTPUT  | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|--------------------------------|---------|---------|---------|----------------------|
| 1889                           | 25,585  | ...     | ...     | 25,585               |
| 1890                           | 25,793  | ...     | ...     | 25,793               |
| 1891                           | 26,783  | ...     | ...     | 26,783               |
| 1892                           | 30,138  | ...     | ...     | 30,138               |
| 1893                           | 26,078  | ...     | ...     | 26,078               |
| 1894                           | 21,230  | ...     | ...     | 21,230               |
| 1895                           | 23,700  | ...     | ...     | 23,700               |
| 1896                           | 22,542  | ...     | ...     | 22,542               |
| 1897                           | 21,831  | 46      | ...     | 21,785               |
| 1898                           | 21,600  | 177     | ...     | 21,423               |
| 1899                           | 24,677  | 453     | ...     | 24,224               |
| 1900                           | 27,625  | 415     | ...     | 27,210               |
| 1901                           | 30,600  | 395     | ...     | 30,205               |
| 1902                           | 33,856  | 294     | ...     | 33,562               |
| 1903                           | 38,175  | 355     | ...     | 37,820               |
| 1904                           | 38,639  | 413     | ...     | 38,226               |
| 1905                           | 43,694  | 594     | ...     | 43,100               |
| 1906                           | 51,453  | 705     | ...     | 50,748               |
| 1907                           | 50,035  | 889     | ...     | 49,146               |
| 1908                           | 41,040  | 683     | ...     | 40,357               |
| 1909                           | 49,290  | 716     | ...     | 48,574               |
| 1910                           | 50,947  | 801     | ...     | 50,146               |
| 1911                           | 49,784  | 1,045   | ...     | 48,739               |
| 1912                           | 55,594  | 1,343   | ...     | 54,251               |
| 1913                           | 55,748  | 1,427   | ...     | 54,321               |
| 1914                           | 51,831  | 1,004   | ...     | 50,827               |
| 1915                           | 44,283  | 1,006   | ...     | 43,277               |
| 1916                           | 53,320  | 1,767   | ...     | 51,553               |
| 1917                           | 63,312  | 2,055   | ...     | 61,257               |
| 1918                           | 68,400  | 2,731   | ...     | 65,669               |
| 1919                           | 90,923  | 4,514   | ...     | 86,409               |
| 30 LOCOMOTIVES & RAILROAD CARS |         |         |         |                      |
| 1869                           | 41,645  | 876     | ...     | 40,769               |
| 1879                           | 37,548  | 1,265   | ...     | 36,283               |
| 1889                           | 90,844  | 3,545   | ...     | 87,299               |
| 1890                           | 85,943  | 4,416   | ...     | 81,527               |
| 1891                           | 91,466  | 3,901   | ...     | 87,565               |
| 1892                           | 92,994  | 2,080   | ...     | 90,914               |
| 1893                           | 107,820 | 3,746   | ...     | 104,074              |
| 1894                           | 49,698  | 2,264   | ...     | 47,434               |
| 1895                           | 56,836  | 3,132   | ...     | 53,704               |
| 1896                           | 79,023  | 3,814   | ...     | 75,209               |
| 1897                           | 72,042  | 4,304   | ...     | 67,738               |
| 1898                           | 89,317  | 7,255   | ...     | 82,062               |
| 1899                           | 121,414 | 7,350   | ...     | 114,064              |
| 1900                           | 139,042 | 9,032   | ...     | 130,010              |
| 1901                           | 136,720 | 9,334   | ...     | 127,386              |
| 1902                           | 165,318 | 7,534   | ...     | 157,784              |
| 1903                           | 200,950 | 6,397   | ...     | 194,553              |
| 1904                           | 170,561 | 7,821   | ...     | 162,740              |
| 1905                           | 226,109 | 11,795  | ...     | 214,314              |

|                                     | OUTPUT    | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|-------------------------------------|-----------|---------|---------|----------------------|
| 1906                                | 315,633   | 16,225  | ...     | 299,408              |
| 1907                                | 372,329   | 21,172  | ...     | 351,157              |
| 1908                                | 143,923   | 6,844   | ...     | 137,079              |
| 1909                                | 133,861   | 6,822   | ...     | 127,039              |
| 1910                                | 292,753   | 9,502   | ...     | 203,251              |
| 1911                                | 176,040   | 14,325  | ...     | 161,715              |
| 1912                                | 319,787   | 16,355  | ...     | 303,432              |
| 1913                                | 444,604   | 22,059  | ...     | 422,545              |
| 1914                                | 211,319   | 8,118   | ...     | 203,201              |
| 1915                                | 164,033   | 21,833  | ...     | 142,200              |
| 1916                                | 403,513   | 40,097  | ...     | 363,416              |
| 1917                                | 667,792   | 57,206  | ...     | 610,586              |
| 1918                                | 775,093   | 41,121  | ...     | 733,972              |
| 1919                                | 550,424   | 89,487  | ...     | 460,937              |
| <b>31 SHIPS &amp; BOATS</b>         |           |         |         |                      |
| 1869                                | 11,524    | ...     | ...     | 11,524               |
| 1879                                | 19,399    | ...     | ...     | 19,399               |
| 1889                                | 24,704    | ...     | ...     | 24,704               |
| 1890                                | 24,554    | ...     | ...     | 24,554               |
| 1891                                | 26,945    | ...     | ...     | 26,945               |
| 1892                                | 24,895    | ...     | ...     | 24,895               |
| 1893                                | 23,866    | ...     | ...     | 23,866               |
| 1894                                | 17,800    | ...     | ...     | 17,800               |
| 1895                                | 22,661    | ...     | ...     | 22,661               |
| 1896                                | 20,781    | ...     | ...     | 20,781               |
| 1897                                | 20,747    | ...     | ...     | 20,747               |
| 1898                                | 24,368    | ...     | ...     | 24,368               |
| 1899                                | 36,072    | ...     | ...     | 36,072               |
| 1900                                | 46,883    | ...     | ...     | 46,883               |
| 1901                                | 64,654    | ...     | ...     | 64,654               |
| 1902                                | 60,835    | ...     | ...     | 60,835               |
| 1903                                | 61,280    | ...     | ...     | 61,280               |
| 1904                                | 53,583    | ...     | ...     | 53,583               |
| 1905                                | 55,624    | ...     | ...     | 55,624               |
| 1906                                | 54,845    | ...     | ...     | 54,845               |
| 1907                                | 66,280    | ...     | ...     | 66,280               |
| 1908                                | 34,400    | ...     | ...     | 34,400               |
| 1909                                | 38,167    | ...     | ...     | 38,167               |
| 1910                                | 40,844    | ...     | ...     | 40,844               |
| 1911                                | 42,748    | ...     | ...     | 42,748               |
| 1912                                | 44,392    | ...     | ...     | 44,392               |
| 1913                                | 47,577    | ...     | ...     | 47,577               |
| 1914                                | 43,493    | ...     | ...     | 43,493               |
| 1915                                | 66,788    | ...     | ...     | 66,788               |
| 1916                                | 103,715   | ...     | ...     | 103,715              |
| 1917                                | 243,763   | ...     | ...     | 243,763              |
| 1918                                | 805,333   | ...     | ...     | 805,333              |
| 1919                                | 1,389,509 | ...     | ...     | 1,389,509            |
| <b>32a BUSINESS VEHICLES, MOTOR</b> |           |         |         |                      |
| 1869                                | ...       | ...     | ...     | ...                  |
| 1879                                | ...       | ...     | ...     | ...                  |

TABLE I 1 *cont.*

|      | OUTPUT  | EXPORTS                            | IMPORTS | DOMESTIC CONSUMPTION |
|------|---------|------------------------------------|---------|----------------------|
| 1889 | ...     | ...                                | ...     | ...                  |
| 1890 | ...     | ...                                | ...     | ...                  |
| 1891 | ...     | ...                                | ...     | ...                  |
| 1892 | ...     | ...                                | ...     | ...                  |
| 1893 | ...     | ...                                | ...     | ...                  |
| 1894 | ...     | ...                                | ...     | ...                  |
| 1895 | ...     | ...                                | ...     | ...                  |
| 1896 | ...     | ...                                | ...     | ...                  |
| 1897 | ...     | ...                                | ...     | ...                  |
| 1898 | ...     | ...                                | ...     | ...                  |
| 1899 | ...     | ...                                | ...     | ...                  |
| 1900 | ...     | ...                                | ...     | ...                  |
| 1901 | ...     | ...                                | ...     | ...                  |
| 1902 | ...     | ...                                | ...     | ...                  |
| 1903 | ...     | ...                                | ...     | ...                  |
| 1904 | 1,351   | ...                                | ...     | 1,351                |
| 1905 | 1,516   | ...                                | ...     | 1,516                |
| 1906 | 1,754   | ...                                | ...     | 1,754                |
| 1907 | 2,309   | ...                                | ...     | 2,309                |
| 1908 | 3,506   | ...                                | ...     | 3,506                |
| 1909 | 7,754   | 427                                | ...     | 7,327                |
| 1910 | 13,205  | 695                                | ...     | 12,510               |
| 1911 | 26,901  | 987                                | ...     | 25,914               |
| 1912 | 51,342  | 1,470                              | ...     | 49,872               |
| 1913 | 48,752  | 1,687                              | ...     | 47,065               |
| 1914 | 45,165  | 8,986                              | ...     | 36,179               |
| 1915 | 128,442 | 59,839                             | ...     | 68,603               |
| 1916 | 164,542 | 52,948                             | ...     | 111,594              |
| 1917 | 225,845 | 36,755                             | ...     | 189,090              |
| 1918 | 444,155 | 27,164                             | ...     | 416,991              |
| 1919 | 379,931 | 35,918                             | ...     | 344,013              |
|      |         | 32b BUSINESS VEHICLES, HORSE-DRAWN |         |                      |
| 1869 | 18,065  | ...                                | ...     | 18,065               |
| 1879 | 17,951  | ...                                | ...     | 17,951               |
| 1889 | 28,393  | ...                                | ...     | 28,393               |
| 1890 | 31,969  | ...                                | ...     | 31,969               |
| 1891 | 33,470  | ...                                | ...     | 33,470               |
| 1892 | 34,145  | ...                                | ...     | 34,145               |
| 1893 | 32,094  | ...                                | ...     | 32,094               |
| 1894 | 28,389  | ...                                | ...     | 28,389               |
| 1895 | 25,677  | ...                                | ...     | 25,677               |
| 1896 | 22,972  | ...                                | ...     | 22,972               |
| 1897 | 24,187  | ...                                | ...     | 24,187               |
| 1898 | 25,937  | ...                                | ...     | 25,937               |
| 1899 | 32,544  | ...                                | ...     | 32,544               |
| 1900 | 31,376  | ...                                | ...     | 31,376               |
| 1901 | 40,213  | ...                                | ...     | 40,213               |
| 1902 | 37,893  | ...                                | ...     | 37,893               |
| 1903 | 37,569  | ...                                | ...     | 37,569               |
| 1904 | 38,922  | ...                                | ...     | 38,922               |
| 1905 | 43,127  | ...                                | ...     | 43,127               |

|      | OUTPUT  | EXPORTS | IMPORTS                             | DOMESTIC CONSUMPTION |
|------|---------|---------|-------------------------------------|----------------------|
| 1906 | 46,226  | ...     | ...                                 | 46,226               |
| 1907 | 49,546  | ...     | ...                                 | 49,546               |
| 1908 | 40,170  | ...     | ...                                 | 40,170               |
| 1909 | 42,971  | ...     | ...                                 | 42,971               |
| 1910 | 48,322  | ...     | ...                                 | 48,322               |
| 1911 | 44,153  | ...     | ...                                 | 44,153               |
| 1912 | 41,913  | ...     | ...                                 | 41,913               |
| 1913 | 39,854  | ...     | ...                                 | 39,854               |
| 1914 | 36,859  | ...     | ...                                 | 36,859               |
| 1915 | 34,019  | ...     | ...                                 | 34,019               |
| 1916 | 37,367  | ...     | ...                                 | 37,367               |
| 1917 | 51,061  | ...     | ...                                 | 51,061               |
| 1918 | 50,594  | ...     | ...                                 | 50,594               |
| 1919 | 42,518  | ...     | ...                                 | 42,518               |
|      |         | 33      | AIRCRAFT                            |                      |
| 1869 | ...     | ...     | ...                                 | ...                  |
| 1879 | ...     | ...     | ...                                 | ...                  |
| 1889 | ...     | ...     | ...                                 | ...                  |
| 1890 | ...     | ...     | ...                                 | ...                  |
| 1891 | ...     | ...     | ...                                 | ...                  |
| 1892 | ...     | ...     | ...                                 | ...                  |
| 1893 | ...     | ...     | ...                                 | ...                  |
| 1894 | ...     | ...     | ...                                 | ...                  |
| 1895 | ...     | ...     | ...                                 | ...                  |
| 1896 | ...     | ...     | ...                                 | ...                  |
| 1897 | ...     | ...     | ...                                 | ...                  |
| 1898 | ...     | ...     | ...                                 | ...                  |
| 1899 | ...     | ...     | ...                                 | ...                  |
| 1900 | ...     | ...     | ...                                 | ...                  |
| 1901 | ...     | ...     | ...                                 | ...                  |
| 1902 | ...     | ...     | ...                                 | ...                  |
| 1903 | ...     | ...     | ...                                 | ...                  |
| 1904 | ...     | ...     | ...                                 | ...                  |
| 1905 | ...     | ...     | ...                                 | ...                  |
| 1906 | ...     | ...     | ...                                 | ...                  |
| 1907 | ...     | ...     | ...                                 | ...                  |
| 1908 | ...     | ...     | ...                                 | ...                  |
| 1909 | ...     | ...     | ...                                 | ...                  |
| 1910 | ...     | ...     | ...                                 | ...                  |
| 1911 | ...     | ...     | ...                                 | ...                  |
| 1912 | 446     | 113     | ...                                 | 333                  |
| 1913 | 276     | 61      | ...                                 | 215                  |
| 1914 | 437     | 253     | ...                                 | 184                  |
| 1915 | 3,588   | 2,960   | ...                                 | 628                  |
| 1916 | 1,499   | 114     | ...                                 | 1,385                |
| 1917 | 22,390  | 1,100   | ...                                 | 21,290               |
| 1918 | 175,257 | 607     | ...                                 | 174,650              |
| 1919 | 8,610   | 215     | ...                                 | 8,395                |
|      |         | 34      | PROFESSIONAL & SCIENTIFIC EQUIPMENT |                      |
| 1869 | 1,632   | 9       | ...                                 | 1,623                |
| 1879 | 1,659   | 42      | ...                                 | 1,617                |

TABLE I 1 *cont.*

|                                   | OUTPUT  | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|-----------------------------------|---------|---------|---------|----------------------|
| 1889                              | 3,473   | 571     | ...     | 2,902                |
| 1890                              | 3,799   | 616     | ...     | 3,183                |
| 1891                              | 3,851   | 642     | ...     | 3,209                |
| 1892                              | 3,953   | 468     | ...     | 3,485                |
| 1893                              | 3,621   | 658     | ...     | 2,963                |
| 1894                              | 3,175   | 664     | ...     | 2,511                |
| 1895                              | 3,866   | 882     | ...     | 2,984                |
| 1896                              | 4,286   | 1,117   | ...     | 3,169                |
| 1897                              | 3,990   | 1,268   | ...     | 2,722                |
| 1898                              | 4,570   | 1,364   | ...     | 3,206                |
| 1899                              | 6,375   | 2,341   | ...     | 4,034                |
| 1900                              | 8,042   | 2,790   | ...     | 5,252                |
| 1901                              | 7,649   | 2,638   | ...     | 5,011                |
| 1902                              | 8,902   | 1,384   | ...     | 7,518                |
| 1903                              | 9,775   | 1,996   | ...     | 7,779                |
| 1904                              | 8,221   | 1,865   | ...     | 6,356                |
| 1905                              | 10,323  | 2,085   | ...     | 8,238                |
| 1906                              | 13,678  | 2,937   | ...     | 10,741               |
| 1907                              | 14,970  | 3,174   | ...     | 11,796               |
| 1908                              | 10,229  | 2,215   | ...     | 8,014                |
| 1909                              | 13,693  | 1,278   | ...     | 12,415               |
| 1910                              | 14,333  | 1,684   | ...     | 12,649               |
| 1911                              | 15,216  | 1,850   | ...     | 13,366               |
| 1912                              | 15,275  | 1,972   | 865     | 14,168               |
| 1913                              | 18,671  | 1,804   | 791     | 17,658               |
| 1914                              | 24,877  | 1,782   | 578     | 23,673               |
| 1915                              | 32,922  | 3,722   | 230     | 29,430               |
| 1916                              | 39,700  | 7,427   | 211     | 32,484               |
| 1917                              | 62,005  | 5,138   | 176     | 57,043               |
| 1918                              | 123,479 | 4,557   | 285     | 119,207              |
| 1919                              | 80,108  | 6,092   | 524     | 74,540               |
| 35 CARPENTERS' & MECHANICS' TOOLS |         |         |         |                      |
| 1869                              | 10,856  | 310     | ...     | 10,546               |
| 1879                              | 14,323  | 898     | ...     | 13,425               |
| 1889                              | 22,652  | 1,975   | 108     | 20,785               |
| 1890                              | 25,270  | 1,831   | 152     | 23,591               |
| 1891                              | 26,494  | 1,901   | 92      | 24,685               |
| 1892                              | 26,267  | 1,838   | 135     | 24,564               |
| 1893                              | 24,303  | 1,886   | 95      | 22,512               |
| 1894                              | 18,510  | 2,019   | 71      | 16,562               |
| 1895                              | 21,048  | 2,012   | 92      | 19,128               |
| 1896                              | 20,869  | 2,353   | 89      | 18,605               |
| 1897                              | 19,119  | 2,377   | 69      | 16,811               |
| 1898                              | 22,329  | 2,636   | 75      | 19,768               |
| 1899                              | 27,863  | 3,479   | 89      | 24,473               |
| 1900                              | 30,511  | 3,714   | 123     | 26,920               |
| 1901                              | 32,752  | 3,629   | 88      | 29,211               |
| 1902                              | 39,943  | 4,358   | 137     | 35,722               |
| 1903                              | 42,848  | 5,292   | 142     | 37,698               |
| 1904                              | 40,332  | 5,726   | 113     | 34,719               |
| 1905                              | 44,669  | 6,772   | ...     | 37,897               |

|      | OUTPUT  | EXPORTS | IMPORTS | DOMESTIC<br>CONSUMPTION |
|------|---------|---------|---------|-------------------------|
| 1906 | 50,696  | 7,252   | ...     | 43,444                  |
| 1907 | 62,286  | 9,635   | ...     | 52,651                  |
| 1908 | 43,203  | 7,553   | ...     | 35,650                  |
| 1909 | 54,817  | 7,100   | ...     | 47,717                  |
| 1910 | 57,767  | 8,703   | ...     | 49,064                  |
| 1911 | 52,603  | 10,749  | ...     | 41,854                  |
| 1912 | 61,110  | 12,554  | ...     | 48,546                  |
| 1913 | 66,148  | 12,516  | ...     | 53,632                  |
| 1914 | 58,510  | 8,864   | ...     | 49,646                  |
| 1915 | 68,515  | 11,551  | ...     | 56,964                  |
| 1916 | 115,111 | 17,583  | ...     | 97,528                  |
| 1917 | 156,622 | 24,947  | ...     | 131,675                 |
| 1918 | 231,791 | 21,206  | ...     | 210,585                 |
| 1919 | 208,007 | 33,205  | ...     | 174,802                 |

## 36 MISC. SUBSIDIARY DURABLE EQUIPMENT

|      |         |        |     |         |
|------|---------|--------|-----|---------|
| 1869 | 31,456  | 73     | ... | 31,383  |
| 1879 | 37,260  | 148    | ... | 37,112  |
| 1889 | 63,613  | 331    | ... | 63,282  |
| 1890 | 66,845  | 374    | ... | 66,471  |
| 1891 | 69,945  | 420    | ... | 69,525  |
| 1892 | 75,671  | 730    | ... | 74,941  |
| 1893 | 72,078  | 350    | ... | 71,728  |
| 1894 | 61,363  | 368    | ... | 60,995  |
| 1895 | 65,155  | 398    | ... | 64,757  |
| 1896 | 68,306  | 451    | ... | 67,855  |
| 1897 | 64,600  | 426    | ... | 64,174  |
| 1898 | 69,793  | 398    | ... | 69,395  |
| 1899 | 84,441  | 518    | ... | 83,923  |
| 1900 | 92,710  | 906    | ... | 91,804  |
| 1901 | 90,382  | 859    | ... | 89,523  |
| 1902 | 103,763 | 970    | ... | 102,793 |
| 1903 | 111,764 | 1,338  | ... | 110,426 |
| 1904 | 110,299 | 1,587  | ... | 108,712 |
| 1905 | 117,624 | 1,975  | ... | 115,649 |
| 1906 | 137,525 | 2,308  | ... | 135,217 |
| 1907 | 160,385 | 2,494  | ... | 157,891 |
| 1908 | 159,492 | 2,137  | ... | 157,355 |
| 1909 | 157,387 | 2,833  | ... | 154,554 |
| 1910 | 155,129 | 3,526  | ... | 151,603 |
| 1911 | 150,891 | 3,810  | ... | 147,081 |
| 1912 | 157,161 | 4,402  | ... | 152,759 |
| 1913 | 166,063 | 4,388  | ... | 161,675 |
| 1914 | 177,055 | 6,026  | ... | 171,029 |
| 1915 | 160,311 | 19,681 | ... | 140,630 |
| 1916 | 218,585 | 12,968 | ... | 205,617 |
| 1917 | 302,145 | 10,595 | ... | 291,550 |
| 1918 | 370,905 | 10,178 | ... | 360,727 |
| 1919 | 360,043 | 10,778 | ... | 349,265 |

## PRODUCER DURABLE, TOTALS

|      |         |        |       |         |
|------|---------|--------|-------|---------|
| 1869 | 295,765 | 6,909  | 2,170 | 291,026 |
| 1879 | 322,443 | 10,500 | 1,171 | 313,114 |

TABLE I 1 *cont.*

|                                     | OUTPUT    | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|-------------------------------------|-----------|---------|---------|----------------------|
| 1889                                | 561,585   | 23,061  | 4,077   | 542,601              |
| 1890                                | 583,083   | 24,772  | 3,892   | 562,203              |
| 1891                                | 586,594   | 25,498  | 4,628   | 565,724              |
| 1892                                | 607,423   | 24,479  | 4,476   | 587,420              |
| 1893                                | 588,611   | 26,868  | 3,740   | 565,483              |
| 1894                                | 458,784   | 24,836  | 1,783   | 435,731              |
| 1895                                | 521,515   | 28,780  | 2,995   | 495,730              |
| 1896                                | 552,808   | 36,450  | 3,236   | 519,594              |
| 1897                                | 533,307   | 42,399  | 2,024   | 492,932              |
| 1898                                | 627,040   | 58,177  | 2,720   | 571,583              |
| 1899                                | 828,767   | 75,181  | 3,004   | 756,590              |
| 1900                                | 977,460   | 87,466  | 5,591   | 895,585              |
| 1901                                | 990,952   | 80,777  | 4,115   | 914,290              |
| 1902                                | 1,144,561 | 87,718  | 5,865   | 1,062,708            |
| 1903                                | 1,220,558 | 97,293  | 5,775   | 1,129,040            |
| 1904                                | 1,092,941 | 103,876 | 4,120   | 993,185              |
| 1905                                | 1,285,472 | 122,791 | 4,574   | 1,167,255            |
| 1906                                | 1,607,298 | 147,572 | 6,421   | 1,466,147            |
| 1907                                | 1,743,667 | 166,822 | 6,647   | 1,583,492            |
| 1908                                | 1,157,774 | 125,947 | 4,681   | 1,036,508            |
| 1909                                | 1,363,718 | 130,222 | 9,917   | 1,243,413            |
| 1910                                | 1,678,166 | 164,946 | 10,981  | 1,524,201            |
| 1911                                | 1,535,464 | 197,990 | 10,087  | 1,347,561            |
| 1912                                | 1,852,307 | 229,432 | 11,585  | 1,634,460            |
| 1913                                | 2,078,935 | 260,424 | 8,831   | 1,827,342            |
| 1914                                | 1,646,465 | 177,276 | 8,430   | 1,477,619            |
| 1915                                | 1,871,835 | 306,361 | 4,946   | 1,570,420            |
| 1916                                | 2,973,589 | 452,391 | 5,102   | 2,526,300            |
| 1917                                | 4,293,126 | 515,228 | 3,882   | 3,781,780            |
| 1918                                | 5,933,965 | 490,479 | 6,189   | 5,449,675            |
| 1919                                | 6,033,662 | 683,639 | 8,344   | 5,358,367            |
| <i>FINISHED COMMODITIES, TOTALS</i> |           |         |         |                      |
| 1869                                | 2,723,582 | 70,120  | 159,814 | 2,813,276            |
| 1879                                | 3,472,384 | 170,214 | 139,566 | 3,441,736            |
| 1889                                | 5,116,497 | 266,778 | 230,698 | 5,080,417            |
| 1890                                | 5,017,701 | 292,783 | 277,279 | 5,002,197            |
| 1891                                | 5,334,961 | 291,240 | 240,581 | 5,284,302            |
| 1892                                | 5,363,295 | 281,677 | 249,699 | 5,331,317            |
| 1893                                | 5,519,985 | 247,614 | 227,988 | 5,500,359            |
| 1894                                | 4,856,745 | 280,436 | 175,947 | 4,752,256            |
| 1895                                | 5,225,982 | 239,919 | 241,125 | 5,227,188            |
| 1896                                | 5,054,286 | 262,419 | 211,545 | 5,003,412            |
| 1897                                | 5,458,305 | 292,186 | 209,948 | 5,376,067            |
| 1898                                | 5,885,763 | 352,782 | 175,029 | 5,708,010            |
| 1899                                | 6,751,468 | 381,516 | 216,224 | 6,586,176            |
| 1900                                | 7,296,141 | 399,729 | 224,389 | 7,120,801            |
| 1901                                | 7,949,228 | 414,421 | 247,387 | 7,782,194            |
| 1902                                | 8,381,643 | 438,435 | 284,340 | 8,227,548            |
| 1903                                | 8,820,323 | 418,122 | 299,908 | 8,702,109            |

|      | OUTPUT     | EXPORTS   | IMPORTS | DOMESTIC CONSUMPTION |
|------|------------|-----------|---------|----------------------|
| 1904 | 8,847,321  | 402,934   | 289,902 | 8,734,289            |
| 1905 | 9,581,725  | 453,446   | 322,694 | 9,450,973            |
| 1906 | 10,885,607 | 512,659   | 379,546 | 10,752,494           |
| 1907 | 11,656,473 | 534,554   | 402,386 | 11,524,305           |
| 1908 | 10,334,814 | 463,816   | 320,064 | 10,191,062           |
| 1909 | 11,859,316 | 448,831   | 414,856 | 11,825,341           |
| 1910 | 12,731,580 | 492,323   | 419,901 | 12,659,158           |
| 1911 | 12,929,371 | 582,197   | 402,267 | 12,749,441           |
| 1912 | 14,229,512 | 643,938   | 442,407 | 14,027,981           |
| 1913 | 14,898,094 | 702,195   | 436,886 | 14,632,785           |
| 1914 | 14,231,028 | 610,755   | 433,713 | 14,053,986           |
| 1915 | 14,741,222 | 1,083,488 | 328,411 | 13,986,145           |
| 1916 | 19,411,321 | 1,401,281 | 379,351 | 18,389,391           |
| 1917 | 25,864,526 | 1,736,655 | 417,630 | 24,545,501           |
| 1918 | 31,812,607 | 2,258,348 | 425,570 | 29,979,829           |
| 1919 | 35,859,306 | 3,139,194 | 545,177 | 33,265,289           |

## CONSTRUCTION MATERIALS, MANUFACTURED

|      | OUTPUT    | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|------|-----------|---------|---------|----------------------|
| 1869 | 319,892   | 583     | 5,489   | 324,798              |
| 1879 | 363,318   | 912     | 3,503   | 365,909              |
| 1889 | 704,498   | 3,456   | 11,144  | 712,186              |
| 1890 | 1,063,136 | 4,374   | 11,706  | 1,070,468            |
| 1891 | 930,845   | 4,204   | 13,361  | 940,002              |
| 1892 | 1,155,106 | 4,358   | 14,093  | 1,164,841            |
| 1893 | 923,778   | 4,223   | 13,514  | 933,069              |
| 1894 | 860,171   | 4,384   | 11,232  | 867,019              |
| 1895 | 873,243   | 4,892   | 12,822  | 881,173              |
| 1896 | 745,940   | 6,505   | 11,922  | 751,357              |
| 1897 | 820,214   | 8,946   | 9,723   | 820,991              |
| 1898 | 799,994   | 13,394  | 9,222   | 795,822              |
| 1899 | 863,637   | 19,240  | 11,319  | 855,716              |
| 1900 | 1,054,551 | 20,989  | 13,287  | 1,046,849            |
| 1901 | 1,124,750 | 18,149  | 12,596  | 1,119,197            |
| 1902 | 1,272,752 | 20,670  | 18,541  | 1,270,623            |
| 1903 | 1,220,868 | 21,984  | 20,059  | 1,218,943            |
| 1904 | 1,178,712 | 24,422  | 12,986  | 1,167,276            |
| 1905 | 1,349,281 | 28,626  | 13,376  | 1,334,031            |
| 1906 | 1,636,883 | 32,357  | 18,321  | 1,622,847            |
| 1907 | 1,791,362 | 39,040  | 17,799  | 1,770,121            |
| 1908 | 1,531,888 | 29,793  | 11,767  | 1,513,862            |
| 1909 | 1,704,712 | 32,084  | 14,075  | 1,686,703            |
| 1910 | 1,755,867 | 40,971  | 13,149  | 1,728,045            |
| 1911 | 1,692,997 | 49,010  | 11,373  | 1,655,360            |
| 1912 | 1,901,226 | 58,251  | 11,939  | 1,854,914            |
| 1913 | 2,136,520 | 67,074  | 13,753  | 2,083,199            |
| 1914 | 1,787,078 | 42,572  | 14,150  | 1,758,656            |
| 1915 | 1,775,392 | 53,474  | 10,944  | 1,732,862            |
| 1916 | 2,389,745 | 90,903  | 10,686  | 2,309,528            |
| 1917 | 2,812,341 | 120,488 | 10,999  | 2,702,852            |
| 1918 | 2,929,454 | 113,841 | 9,031   | 2,824,644            |
| 1919 | 3,366,352 | 157,444 | 15,585  | 3,224,493            |

TABLE I 1 *cont.*

|  | OUTPUT    | EXPORTS | IMPORTS | DOMESTIC CONSUMPTION |
|--|-----------|---------|---------|----------------------|
| <i>CONSTRUCTION MATERIALS, NONMANUFACTURED</i> |           |         |         |                      |
| 1869   | 49,210    | 4,803   | 8,187   | 52,594               |
| 1879   | 78,120    | 4,391   | 4,596   | 78,325               |
| 1889   | 128,717   | 10,756  | 8,710   | 126,671              |
| 1890   | 147,779   | 11,239  | 9,521   | 146,061              |
| 1891   | 137,166   | 10,512  | 9,318   | 135,972              |
| 1892   | 172,910   | 14,191  | 11,989  | 170,708              |
| 1893   | 143,738   | 13,726  | 11,261  | 141,273              |
| 1894   | 143,794   | 14,121  | 7,393   | 137,066              |
| 1895   | 153,584   | 13,902  | 12,311  | 151,993              |
| 1896   | 134,822   | 17,352  | 11,464  | 128,934              |
| 1897   | 151,618   | 20,257  | 11,079  | 142,440              |
| 1898   | 152,387   | 18,994  | 8,542   | 141,935              |
| 1899   | 163,510   | 23,580  | 10,654  | 150,584              |
| 1900   | 193,455   | 28,106  | 10,491  | 175,840              |
| 1901   | 200,441   | 25,718  | 12,349  | 187,072              |
| 1902   | 232,441   | 26,296  | 16,845  | 222,990              |
| 1903   | 248,819   | 36,543  | 16,159  | 228,435              |
| 1904   | 248,168   | 35,768  | 14,578  | 226,978              |
| 1905   | 260,246   | 33,729  | 17,535  | 244,052              |
| 1906   | 312,621   | 47,871  | 23,502  | 288,252              |
| 1907   | 370,250   | 54,033  | 25,160  | 341,377              |
| 1908   | 327,720   | 41,545  | 20,102  | 306,277              |
| 1909   | 324,004   | 42,752  | 24,549  | 305,801              |
| 1910   | 344,895   | 48,299  | 25,088  | 321,684              |
| 1911   | 325,042   | 59,894  | 22,295  | 287,443              |
| 1912   | 338,650   | 67,265  | 27,802  | 299,187              |
| 1913   | 347,938   | 74,602  | 27,855  | 301,191              |
| 1914   | 308,858   | 48,611  | 24,943  | 285,190              |
| 1915   | 284,287   | 31,675  | 25,208  | 277,820              |
| 1916   | 321,041   | 32,498  | 29,684  | 318,227              |
| 1917   | 362,466   | 40,759  | 33,997  | 355,704              |
| 1918   | 402,013   | 52,386  | 43,179  | 392,806              |
| 1919   | 508,371   | 73,958  | 44,254  | 478,667              |
| <i>CONSTRUCTION MATERIALS, TOTALS</i>          |           |         |         |                      |
| 1869   | 369,102   | 5,386   | 13,676  | 377,392              |
| 1879   | 441,438   | 5,303   | 8,099   | 444,234              |
| 1889   | 833,215   | 14,212  | 19,854  | 838,857              |
| 1890   | 1,210,915 | 15,613  | 21,227  | 1,216,529            |
| 1891   | 1,068,011 | 14,716  | 22,679  | 1,075,974            |
| 1892   | 1,328,016 | 18,549  | 26,082  | 1,335,549            |
| 1893   | 1,067,516 | 17,949  | 24,775  | 1,074,342            |
| 1894   | 1,003,965 | 18,505  | 18,625  | 1,004,085            |
| 1895   | 1,026,827 | 18,794  | 25,133  | 1,033,166            |
| 1896   | 880,762   | 23,857  | 23,386  | 880,291              |
| 1897   | 971,832   | 29,203  | 20,802  | 963,431              |
| 1898   | 952,381   | 32,388  | 17,764  | 937,757              |

TABLE I 1 *concl.*

|      | OUTPUT    | EXPORTS | IMPORTS | DOMESTIC<br>CONSUMPTION |
|------|-----------|---------|---------|-------------------------|
| 1899 | 1,027,147 | 42,820  | 21,973  | 1,006,300               |
| 1900 | 1,248,006 | 49,095  | 23,778  | 1,222,689               |
| 1901 | 1,325,191 | 43,867  | 24,945  | 1,306,269               |
| 1902 | 1,505,193 | 46,966  | 35,386  | 1,493,613               |
| 1903 | 1,469,687 | 58,527  | 36,218  | 1,447,378               |
| 1904 | 1,426,880 | 60,190  | 27,564  | 1,394,254               |
| 1905 | 1,609,527 | 62,355  | 30,911  | 1,578,083               |
| 1906 | 1,949,504 | 80,228  | 41,823  | 1,911,099               |
| 1907 | 2,161,612 | 93,073  | 42,959  | 2,111,498               |
| 1908 | 1,859,608 | 71,338  | 31,869  | 1,820,139               |
| 1909 | 2,028,716 | 74,836  | 38,624  | 1,992,504               |
| 1910 | 2,100,762 | 89,270  | 38,237  | 2,049,729               |
| 1911 | 2,018,039 | 108,904 | 33,668  | 1,942,803               |
| 1912 | 2,239,876 | 125,516 | 39,741  | 2,154,101               |
| 1913 | 2,484,458 | 141,676 | 41,608  | 2,384,390               |
| 1914 | 2,095,936 | 91,183  | 39,093  | 2,043,846               |
| 1915 | 2,059,679 | 85,149  | 36,152  | 2,010,682               |
| 1916 | 2,710,786 | 123,401 | 40,370  | 2,627,755               |
| 1917 | 3,174,807 | 161,247 | 44,996  | 3,058,556               |
| 1918 | 3,331,467 | 166,227 | 52,210  | 3,217,450               |
| 1919 | 3,874,723 | 231,402 | 59,839  | 3,703,160               |

TABLE I 2  
 Value of Finished Commodities and Construction Materials  
 Destined for Domestic Consumption, 1919-1939, Current Prices  
 (thousands of dollars)

Major and Minor Commodity Groups

P E R I S H A B L E

|      | <i>1a</i>  | <i>1b</i> | <i>2</i>  | <i>3</i> | <i>4</i> | <i>5a</i> | <i>5b</i> | Total      |
|------|------------|-----------|-----------|----------|----------|-----------|-----------|------------|
| 1919 | 9,468,184  | 4,720,193 | 1,008,426 | 667,799  | 439,785  | 668,442   | 419,537   | 17,392,366 |
| 1920 | 10,301,363 | 4,696,308 | 1,195,453 | 765,572  | 675,942  | 1,044,758 | 556,763   | 19,236,159 |
| 1921 | 6,548,683  | 4,182,375 | 1,053,013 | 562,200  | 474,541  | 714,859   | 487,270   | 14,022,941 |
| 1922 | 6,837,567  | 3,842,954 | 1,002,084 | 624,630  | 499,880  | 888,365   | 363,935   | 14,059,415 |
| 1923 | 7,554,580  | 4,012,858 | 1,050,287 | 698,511  | 550,665  | 746,408   | 562,680   | 15,173,989 |
| 1924 | 7,981,306  | 3,948,038 | 1,073,172 | 718,564  | 563,026  | 781,255   | 508,231   | 15,573,592 |
| 1925 | 8,684,029  | 4,335,814 | 1,094,381 | 766,951  | 615,724  | 990,095   | 383,535   | 16,870,529 |
| 1926 | 9,039,831  | 4,467,357 | 1,127,181 | 783,252  | 632,763  | 1,220,742 | 513,433   | 17,784,559 |
| 1927 | 8,827,346  | 4,360,159 | 1,164,465 | 831,852  | 648,365  | 938,917   | 452,490   | 17,263,594 |
| 1928 | 9,111,712  | 4,466,948 | 1,168,706 | 932,335  | 661,617  | 1,153,328 | 416,413   | 17,911,059 |
| 1929 | 9,463,859  | 4,358,277 | 1,243,643 | 984,225  | 683,894  | 1,237,843 | 412,250   | 18,383,991 |
| 1930 | 8,497,505  | 3,996,827 | 1,141,773 | 891,004  | 644,826  | 1,052,219 | 366,321   | 16,590,475 |
| 1931 | 6,730,217  | 3,133,447 | 1,154,860 | 808,997  | 573,535  | 740,195   | 290,470   | 13,431,721 |
| 1932 | 5,183,047  | 2,408,083 | 1,006,624 | 624,395  | 492,635  | 830,587   | 209,529   | 10,754,900 |
| 1933 | 5,509,525  | 2,451,067 | 910,650   | 626,039  | 470,082  | 707,244   | 198,282   | 10,872,889 |
| 1934 |            |           |           |          |          |           |           | 12,987,200 |
| 1935 | 7,884,900  | 3,183,600 | 1,096,400 | 727,700  | 527,200  | 952,200   | 199,700   | 14,571,700 |
| 1936 |            |           |           |          |          |           |           | 16,239,000 |
| 1937 | 9,402,300  | 3,683,000 | 1,274,100 | 818,400  | 601,900  | 1,335,000 | 180,600   | 17,295,300 |
| 1938 |            |           |           |          |          |           |           | 15,721,600 |
| 1939 |            |           |           |          |          |           |           | 16,073,500 |

**SEMI-DURABLE**

|      | 6       | 7         | 8         | 9       | 10      | 11      | Total     |
|------|---------|-----------|-----------|---------|---------|---------|-----------|
| 1919 | 806,498 | 3,932,894 | 1,254,220 | 324,008 | 155,758 | 546,556 | 7,019,934 |
| 1920 | 903,647 | 4,382,800 | 1,368,185 | 390,505 | 148,768 | 678,885 | 7,872,790 |
| 1921 | 607,447 | 3,345,292 | 953,478   | 277,869 | 124,132 | 323,471 | 5,631,689 |
| 1922 | 681,505 | 3,865,376 | 993,021   | 307,112 | 131,050 | 335,786 | 6,313,850 |
| 1923 | 861,944 | 4,347,380 | 1,128,185 | 377,336 | 167,101 | 348,349 | 7,230,295 |
| 1924 | 700,713 | 3,743,890 | 1,061,702 | 358,420 | 154,588 | 382,047 | 6,401,360 |
| 1925 | 816,023 | 4,149,219 | 1,044,769 | 404,763 | 164,168 | 555,080 | 7,134,022 |
| 1926 | 803,547 | 4,186,562 | 1,073,947 | 438,057 | 177,185 | 616,305 | 7,295,603 |
| 1927 | 798,550 | 4,360,191 | 1,077,625 | 396,921 | 182,502 | 574,874 | 7,390,663 |
| 1928 | 769,146 | 4,385,648 | 1,074,909 | 401,547 | 200,920 | 551,028 | 7,383,198 |
| 1929 | 791,023 | 4,516,366 | 1,081,922 | 416,525 | 214,645 | 437,821 | 7,458,302 |
| 1930 | 574,443 | 3,767,824 | 860,326   | 347,767 | 182,197 | 336,882 | 6,069,439 |
| 1931 | 549,354 | 3,087,850 | 705,078   | 256,621 | 149,092 | 273,418 | 4,931,413 |
| 1932 | 317,473 | 2,183,439 | 546,333   | 187,512 | 96,893  | 194,469 | 3,526,119 |
| 1933 | 390,376 | 2,274,581 | 597,258   | 218,197 | 95,773  | 196,653 | 3,772,838 |
| 1934 |         |           |           |         |         |         | 4,501,600 |
| 1935 | 576,000 | 3,039,100 | 693,400   | 273,700 | 140,300 | 215,100 | 4,937,600 |
| 1936 |         |           |           |         |         |         | 4,775,800 |
| 1937 | 712,900 | 3,258,600 | 828,300   | 340,100 | 190,200 | 261,200 | 5,591,300 |
| 1938 |         |           |           |         |         |         | 4,852,700 |
| 1939 |         |           |           |         |         |         | 5,490,600 |

- 1a Food and kindred products, mfd.
- 1b Food and kindred products, nonmfd.
- 2 Cigars, cigarettes & tobacco.
- 3 Drug, toilet & household preparations.
- 4 Magazines, newspapers, stationery & supplies & misc. paper products.
- 5a Fuel & lighting products, mfd.
- 5b Fuel & lighting products, nonmfd.
- 6 Dry goods & notions.
- 7 Clothing & personal furnishings.
- 8 Shoes & other footwear.
- 9 House furnishings.
- 10 Toys, games & sporting goods.
- 11 Tires & tubes.

CONSUMER DURABLE

|      | 12      | 13a     | 13b     | 13c     | 14      | 15      | 16      | 17      | 18      | 19     | 20a       | 20b     | 21     | 22     | 23     | 24     | TOTAL     |
|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|-----------|---------|--------|--------|--------|--------|-----------|
| 1919 | 508,977 | 242,496 | 65,099  | 14,250  | 430,211 | 201,678 | 241,952 | 427,832 | 128,214 | 70,351 | 1,292,559 | 282,574 | 23,951 | 13,938 | 58,187 | 73,361 | 4,075,630 |
| 1920 | 620,526 | 345,579 | 82,779  | 16,992  | 574,756 | 265,721 | 264,181 | 383,229 | 140,018 | 78,152 | 1,628,275 | 313,403 | 20,843 | 14,724 | 67,797 | 82,286 | 4,899,261 |
| 1921 | 466,622 | 186,500 | 63,208  | 12,173  | 374,607 | 166,755 | 166,406 | 263,083 | 121,989 | 51,032 | 1,115,450 | 169,470 | 10,184 | 9,373  | 46,552 | 46,930 | 3,270,334 |
| 1922 | 501,097 | 239,228 | 58,554  | 26,941  | 469,966 | 167,693 | 187,681 | 327,026 | 124,892 | 52,574 | 1,546,095 | 243,440 | 8,914  | 6,177  | 48,604 | 47,619 | 4,056,501 |
| 1923 | 578,917 | 322,047 | 76,329  | 50,334  | 600,043 | 238,956 | 215,089 | 388,063 | 130,707 | 69,208 | 2,188,767 | 355,793 | 16,305 | 12,142 | 58,478 | 65,564 | 5,366,742 |
| 1924 | 613,977 | 322,215 | 83,371  | 139,291 | 547,099 | 181,524 | 178,482 | 363,900 | 144,991 | 57,750 | 1,922,517 | 337,247 | 12,979 | 14,003 | 48,553 | 66,443 | 5,034,342 |
| 1925 | 622,852 | 346,135 | 106,293 | 168,157 | 603,970 | 240,079 | 173,632 | 384,315 | 149,752 | 66,411 | 2,340,180 | 444,269 | 11,331 | 15,008 | 46,563 | 66,785 | 5,785,732 |
| 1926 | 638,239 | 364,299 | 137,471 | 206,663 | 591,567 | 271,643 | 189,273 | 398,868 | 155,386 | 66,381 | 2,504,326 | 440,191 | 11,879 | 22,358 | 46,613 | 63,831 | 6,108,988 |
| 1927 | 625,527 | 339,393 | 146,286 | 181,546 | 584,651 | 229,335 | 176,214 | 387,643 | 172,141 | 65,889 | 1,967,840 | 419,814 | 10,146 | 17,780 | 49,692 | 61,913 | 5,435,810 |
| 1928 | 629,252 | 314,153 | 152,735 | 298,689 | 627,548 | 275,659 | 148,606 | 396,273 | 179,656 | 67,901 | 2,294,934 | 411,660 | 12,035 | 17,378 | 48,655 | 60,970 | 5,936,104 |
| 1929 | 600,353 | 347,330 | 176,707 | 366,004 | 643,333 | 274,033 | 111,860 | 402,699 | 192,280 | 70,282 | 2,566,950 | 407,584 | 10,360 | 26,238 | 52,114 | 63,635 | 6,311,962 |
| 1930 | 441,445 | 254,183 | 159,998 | 230,588 | 402,728 | 196,438 | 103,399 | 263,766 | 174,305 | 44,537 | 1,538,016 | 326,067 | 9,241  | 24,640 | 48,285 | 54,938 | 4,272,574 |
| 1931 | 333,211 | 206,199 | 144,389 | 154,738 | 373,596 | 183,857 | 48,714  | 178,784 | 141,488 | 29,351 | 1,074,111 | 273,083 | 7,746  | 16,763 | 40,299 | 43,550 | 3,251,879 |
| 1932 | 205,394 | 122,989 | 82,249  | 94,226  | 252,006 | 138,862 | 35,044  | 108,534 | 102,859 | 18,401 | 603,235   | 211,944 | 4,607  | 9,315  | 32,033 | 25,705 | 2,047,403 |
| 1933 | 226,882 | 147,052 | 110,257 | 98,015  | 311,638 | 150,392 | 24,083  | 116,014 | 92,090  | 19,082 | 725,288   | 228,247 | 7,456  | 4,822  | 39,099 | 20,846 | 2,321,263 |
| 1934 |         |         |         |         |         |         |         |         |         |        |           |         |        |        |        |        | 3,307,200 |
| 1935 | 323,700 | 237,500 | 217,800 | 167,400 | 468,300 | 204,800 | 31,500  | 189,500 | 131,100 | 31,000 | 1,688,300 | 463,600 | 16,800 | 14,100 | 50,100 | 21,300 | 4,256,800 |
| 1936 |         |         |         |         |         |         |         |         |         |        |           |         |        |        |        |        | 5,158,000 |
| 1937 | 478,700 | 341,000 | 332,600 | 218,000 | 640,900 | 241,600 | 52,000  | 272,600 | 161,600 | 42,500 | 2,212,900 | 594,600 | 30,800 | 25,400 | 70,900 | 26,000 | 5,742,100 |
| 1938 |         |         |         |         |         |         |         |         |         |        |           |         |        |        |        |        | 3,747,300 |
| 1939 |         |         |         |         |         |         |         |         |         |        |           |         |        |        |        |        | 4,973,100 |

- 12 Household furniture.
- 13a Heating & cooking apparatus & household appliances, except electrical.
- 13b Electrical household appliances & supplies.
- 13c Radios.
- 14 Housefurnishings.
- 15 China & household utensils.
- 16 Musical instruments.
- 17 Jewelry, silverware, clocks & watches.
- 18 Printing & publishing: books.
- 19 Luggage.
- 20a Motor vehicles.
- 20b Motor vehicle accessories.
- 21 Motorcycles & bicycles.
- 22 Pleasure craft.
- 23 Ophthalmic products & artificial limbs.
- 24 Monuments & tombstones.

**PRODUCER DURABLE**

|       | 25a       | 25b     | 26        | 27      | 28      | 29      | 30      | 31        | 32a     | 33     | 34      | 35      | 36      | Total     | Total F.C.* | Total C.M.† |
|-------|-----------|---------|-----------|---------|---------|---------|---------|-----------|---------|--------|---------|---------|---------|-----------|-------------|-------------|
| 1919  | 1,434,257 | 171,571 | 460,831   | 394,646 | 156,407 | 100,327 | 560,725 | 1,381,258 | 344,303 | 9,957  | 62,046  | 120,621 | 347,553 | 5,544,502 | 34,032,432  | 3,508,100   |
| 1920  | 1,635,837 | 197,416 | 557,922   | 270,570 | 160,576 | 135,133 | 563,274 | 808,130   | 332,892 | 8,679  | 74,833  | 128,701 | 403,020 | 5,276,983 | 37,285,193  | 4,777,100   |
| 1921  | 922,822   | 49,624  | 406,625   | 248,088 | 113,989 | 115,536 | 313,591 | 272,693   | 170,448 | 6,097  | 48,792  | 62,126  | 208,645 | 2,939,076 | 25,864,040  | 2,956,700   |
| 1922  | 1,085,240 | 43,351  | 415,814   | 160,696 | 132,350 | 136,805 | 655,533 | 93,646    | 237,183 | 8,760  | 51,723  | 87,819  | 245,091 | 2,964,031 | 27,393,797  | 3,568,900   |
| 1923  | 1,510,912 | 63,549  | 598,057   | 315,529 | 182,020 | 201,301 | 635,534 | 73,086    | 321,809 | 11,490 | 64,772  | 115,396 | 302,096 | 4,395,501 | 32,168,527  | 4,647,300   |
| 1924  | 1,303,761 | 52,051  | 655,000   | 265,858 | 179,166 | 229,460 | 481,034 | 67,395    | 323,445 | 10,868 | 65,953  | 106,413 | 208,031 | 3,948,455 | 30,957,749  | 4,465,300   |
| 1925  | 1,486,386 | 70,310  | 666,171   | 306,493 | 196,431 | 236,065 | 353,121 | 55,701    | 389,619 | 10,549 | 74,890  | 109,849 | 300,387 | 4,255,972 | 34,046,255  | 4,950,400   |
| 1926  | 1,606,767 | 87,356  | 776,403   | 355,410 | 200,103 | 242,344 | 399,288 | 86,454    | 377,237 | 17,591 | 86,510  | 110,166 | 321,857 | 4,667,486 | 35,856,636  | 5,111,500   |
| 1927  | 1,476,027 | 91,262  | 741,181   | 340,365 | 201,156 | 248,957 | 318,474 | 70,824    | 302,334 | 19,367 | 87,660  | 104,201 | 318,368 | 4,320,176 | 34,410,243  | 4,845,200   |
| 1928  | 1,644,055 | 104,072 | 894,950   | 356,514 | 213,623 | 245,824 | 245,105 | 60,386    | 318,287 | 51,070 | 92,130  | 131,587 | 304,919 | 4,662,522 | 35,892,883  | 4,793,800   |
| 1929  | 2,017,154 | 121,773 | 1,000,050 | 386,524 | 217,784 | 288,661 | 347,603 | 78,160    | 510,829 | 55,988 | 109,569 | 124,577 | 369,717 | 5,628,389 | 37,782,644  | 5,007,500   |
| 1930  | 1,457,840 | 95,393  | 722,249   | 338,478 | 165,306 | 203,483 | 352,737 | 94,869    | 372,973 | 28,807 | 91,571  | 99,794  | 304,683 | 4,328,183 | 31,260,671  | 3,779,800   |
| 1931  | 938,238   | 19,589  | 499,507   | 163,403 | 116,502 | 151,721 | 78,029  | 81,961    | 246,984 | 30,028 | 48,560  | 53,852  | 199,916 | 2,628,290 | 24,243,903  | 2,552,100   |
| 1932  | 525,764   | 15,844  | 215,547   | 70,868  | 78,460  | 74,913  | 36,977  | 49,671    | 125,527 | 14,058 | 31,663  | 31,037  | 129,021 | 1,399,350 | 17,727,772  | 1,362,700   |
| 1933  | 577,057   | 12,649  | 200,916   | 78,760  | 78,810  | 70,277  | 13,584  | 30,380    | 159,038 | 16,472 | 31,950  | 49,139  | 168,075 | 1,487,107 | 18,454,097  | 1,536,100   |
| 1934* |           |         |           |         |         |         |         |           |         |        |         |         |         | 2,370,700 | 23,166,700  | 1,909,900   |
| 1935  | 1,126,000 | 133,300 | 361,200   | 345,300 | 140,600 | 111,100 | 33,000  | 48,200    | 359,300 | 19,100 | 36,400  | 66,300  | 198,800 | 2,978,600 | 26,744,700  | 2,375,000   |
| 1936  |           |         |           |         |         |         |         |           |         |        |         |         |         | 4,085,300 | 30,258,100  | 3,331,500   |
| 1937  | 1,883,700 | 223,700 | 673,800   | 668,500 | 204,900 | 176,800 | 119,100 | 128,600   | 496,600 | 48,400 | 49,800  | 95,300  | 269,900 | 5,039,100 | 33,667,800  | 3,945,800   |
| 1938  |           |         |           |         |         |         |         |           |         |        |         |         |         | 3,835,100 | 28,156,700  | 3,159,000   |
| 1939  |           |         |           |         |         |         |         |           |         |        |         |         |         | 4,740,500 | 31,277,700  | 3,701,600   |

- 25a Industrial machinery & equipment.
- 25b Tractors.
- 26 Electrical equipment, industrial & commercial.
- 27 Farm equipment.
- 28 Office & store machinery & equipment.
- 29 Office & store furniture & fixtures.
- 30 Locomotives & railroad cars.
- 31 Ships & boats.
- 32a Business vehicles, motor.
- 33 Aircraft.
- 34 Professional & scientific equipment.
- 35 Carpenters & mechanics' tools.
- 36 Misc. subsidiary durable equipment.

\* Finished commodities. † Construction materials.

TABLE I 3  
 Value of Finished Commodities and Construction Materials Destined  
 for Domestic Consumption, 1869, 1879, 1889-1939, 1913 Prices  
 (thousands of dollars)  
 Major and Minor Commodity Groups

|      | 1a        | 1b        | 2       | 3       | 4       | 5a      | 5b      | RESIDUAL* | TOTAL     |
|------|-----------|-----------|---------|---------|---------|---------|---------|-----------|-----------|
| 1869 | 468,081   | 486,149   | 77,234  | ...     | ...     | 11,164  | 38,116  | 48,320    | 1,129,064 |
| 1879 | 1,134,199 | 843,942   | 127,723 | ...     | ...     | 25,698  | 73,157  | 98,972    | 2,303,691 |
| 1889 | 1,602,530 | 1,068,870 | 245,191 | 101,782 | ...     | 99,042  | 107,415 | 65,823    | 3,290,653 |
| 1890 | 1,337,366 | 1,147,501 | 246,990 | 102,820 | 70,125  | 126,564 | 111,996 | ...       | 3,143,362 |
| 1891 | 1,534,019 | 1,265,208 | 260,702 | 112,015 | 77,053  | 126,097 | 121,866 | ...       | 3,496,960 |
| 1892 | 1,576,130 | 1,337,866 | 273,738 | 127,720 | 84,577  | 118,493 | 127,526 | ...       | 3,645,850 |
| 1893 | 1,827,613 | 1,389,788 | 252,592 | 111,566 | 76,938  | 124,152 | 129,454 | ...       | 3,912,103 |
| 1894 | 1,781,447 | 1,347,891 | 251,578 | 118,406 | 71,812  | 127,897 | 122,496 | ...       | 3,821,527 |
| 1895 | 1,961,573 | 1,466,054 | 236,424 | 146,252 | 74,134  | 139,176 | 134,128 | ...       | 4,157,741 |
| 1896 | 2,090,520 | 1,350,128 | 233,676 | 134,957 | 74,222  | 140,136 | 126,967 | ...       | 4,150,606 |
| 1897 | 2,307,456 | 1,457,774 | 242,409 | 147,199 | 76,821  | 120,893 | 123,259 | ...       | 4,475,811 |
| 1898 | 2,298,662 | 1,509,273 | 260,763 | 163,215 | 108,167 | 115,417 | 125,841 | ...       | 4,581,338 |
| 1899 | 2,631,904 | 1,562,436 | 300,755 | 183,573 | 124,072 | 125,148 | 141,496 | ...       | 5,069,384 |
| 1900 | 2,637,829 | 1,381,180 | 334,775 | 178,736 | 112,090 | 131,669 | 137,955 | ...       | 5,114,234 |
| 1901 | 3,008,849 | 1,807,723 | 357,613 | 213,465 | 132,384 | 122,764 | 159,321 | ...       | 5,802,119 |
| 1902 | 2,895,340 | 1,830,495 | 351,457 | 204,004 | 145,305 | 129,630 | 111,824 | ...       | 5,668,055 |
| 1903 | 3,106,990 | 1,875,237 | 368,880 | 216,444 | 140,547 | 131,512 | 181,253 | ...       | 6,020,863 |
| 1904 | 3,097,013 | 1,922,517 | 356,711 | 221,994 | 141,729 | 128,068 | 174,047 | ...       | 6,042,079 |
| 1905 | 3,329,456 | 1,794,929 | 365,227 | 253,230 | 160,295 | 125,559 | 187,384 | ...       | 6,216,080 |
| 1906 | 3,751,246 | 2,066,873 | 405,841 | 258,144 | 183,580 | 125,305 | 176,971 | ...       | 6,967,960 |
| 1907 | 3,821,536 | 2,127,309 | 416,833 | 283,292 | 184,651 | 146,808 | 209,709 | ...       | 7,190,138 |
| 1908 | 3,254,577 | 2,095,951 | 407,497 | 246,190 | 148,449 | 140,390 | 195,258 | ...       | 6,488,312 |
| 1909 | 3,714,225 | 2,168,914 | 437,062 | 253,330 | 222,100 | 149,039 | 196,387 | ...       | 7,141,057 |
| 1910 | 3,781,856 | 2,281,011 | 471,031 | 255,833 | 220,912 | 168,721 | 209,717 | ...       | 7,389,081 |
| 1911 | 4,124,429 | 2,316,851 | 462,221 | 268,068 | 217,656 | 177,179 | 218,662 | ...       | 7,785,026 |
| 1912 | 4,175,283 | 2,317,818 | 468,913 | 284,592 | 237,402 | 178,621 | 216,573 | ...       | 7,879,202 |
| 1913 | 4,441,948 | 2,315,912 | 506,812 | 294,939 | 243,945 | 191,304 | 253,320 | ...       | 8,230,180 |

SUMMARY

|      | 1a        | 1b        | 2       | 3       | 4       | 5a        | 5b      | RESIDUAL*  | TOTAL      |
|------|-----------|-----------|---------|---------|---------|-----------|---------|------------|------------|
| 1914 | 4,405,514 | 2,338,012 | 499,391 | 283,873 | 254,153 | 177,974   | 225,171 | ...        | 8,184,088  |
| 1915 | 4,155,099 | 2,210,837 | 469,228 | 309,029 | 256,095 | 171,132   | 221,232 | ...        | 7,792,652  |
| 1916 | 4,439,066 | 2,222,459 | 334,674 | 335,598 | 231,484 | 231,484   | 228,147 | ...        | 8,203,579  |
| 1917 | 4,142,150 | 2,336,864 | 580,718 | 329,590 | 215,397 | 334,420   | 239,807 | ...        | 8,178,946  |
| 1918 | 4,556,051 | 2,272,188 | 588,943 | 373,298 | 228,928 | 394,755   | 235,323 | ...        | 8,649,486  |
| 1919 | 4,507,442 | 2,279,291 | 566,919 | 381,578 | 206,894 | 448,874   | 221,219 | ...        | 8,612,217  |
| 1919 | 4,694,191 | 2,340,205 | 576,243 | 334,067 | 198,728 | 492,951   | 213,501 | ...        | 8,849,886  |
| 1920 | 4,813,721 | 2,194,536 | 639,622 | 359,761 | 227,590 | 563,820   | 214,785 | ...        | 9,013,835  |
| 1921 | 4,641,164 | 2,964,121 | 575,103 | 336,445 | 229,913 | 622,158   | 205,181 | ...        | 9,574,085  |
| 1922 | 5,012,879 | 2,817,415 | 549,087 | 425,208 | 277,557 | 729,364   | 147,716 | ...        | 9,959,226  |
| 1923 | 5,231,704 | 2,778,988 | 575,500 | 467,231 | 288,911 | 704,158   | 227,193 | ...        | 10,273,685 |
| 1924 | 5,632,538 | 2,786,195 | 665,327 | 483,881 | 278,588 | 790,744   | 216,409 | ...        | 10,853,682 |
| 1925 | 5,563,119 | 2,777,587 | 686,132 | 505,904 | 287,453 | 941,155   | 174,508 | ...        | 10,935,838 |
| 1926 | 5,802,202 | 2,867,366 | 706,697 | 502,729 | 313,715 | 1,116,873 | 218,313 | ...        | 11,527,895 |
| 1927 | 5,861,452 | 2,895,192 | 730,072 | 574,024 | 368,180 | 1,125,489 | 200,582 | ...        | 11,754,991 |
| 1928 | 5,792,570 | 2,839,764 | 744,399 | 665,004 | 378,499 | 1,330,251 | 193,667 | ...        | 11,944,154 |
| 1929 | 6,082,172 | 2,800,949 | 794,660 | 709,607 | 391,244 | 1,496,787 | 196,867 | ...        | 12,472,286 |
| 1930 | 6,026,599 | 2,834,629 | 725,396 | 665,922 | 368,894 | 1,479,914 | 177,503 | ...        | 12,278,857 |
| 1931 | 5,791,925 | 2,696,598 | 752,842 | 671,924 | 348,653 | 1,365,673 | 146,766 | ...        | 11,774,381 |
| 1932 | 5,455,839 | 2,534,824 | 682,920 | 588,497 | 311,400 | 1,429,582 | 120,763 | ...        | 11,123,825 |
| 1933 | 5,848,753 | 2,601,982 | 688,843 | 618,616 | 314,647 | 1,251,759 | 119,923 | ...        | 11,444,523 |
| 1934 | ...       | ...       | ...     | ...     | ...     | ...       | 143,755 | 11,903,000 | 12,046,755 |
| 1935 | 6,046,702 | 2,441,411 | 797,962 | 626,248 | 355,735 | 1,506,646 | 128,131 | ...        | 11,902,835 |
| 1936 | ...       | ...       | ...     | ...     | ...     | ...       | 131,669 | 13,113,700 | 13,245,369 |
| 1937 | 7,058,784 | 2,765,015 | 923,261 | 602,208 | 399,403 | 1,849,030 | 86,819  | ...        | 13,684,520 |
| 1938 | ...       | ...       | ...     | ...     | ...     | ...       | 113,237 | 13,553,100 | 13,666,337 |
| 1939 | ...       | ...       | ...     | ...     | ...     | ...       | 125,100 | 14,345,200 | 14,470,300 |

Estimates in 1913 prices for the residual minor groups were derived by using the movement of the implicit price indexes for the totals of those groups within each apposite major group for which price indexes were available. For these calculations the consumer durable group was treated in two segments.

\* Residual minor groups (3 & 4 in 1869 and 1879; 4 in 1889).

1a Food & kindred products, mfd.

1b Food & kindred products, nonmfd.

2 Cigars, cigarettes & tobacco

3 Drug, toilet, & household preparations

4 Magazines, newspapers, stationery & supplies, & misc. paper products

5a Fuel & lighting products, mfd.

5b Fuel & lighting products, nonmfd.

TABLE I 3 cont.

|      | SEMIDURABLE |           |         |         |           | RESIDUAL† | TOTAL     |
|------|-------------|-----------|---------|---------|-----------|-----------|-----------|
|      | 6           | 7         | 8       | 9       | 11        |           |           |
| 1869 | 99,371      | 129,756   | 175,776 | 6,700   | ...       | 8,208     | 419,813   |
| 1879 | 245,917     | 335,739   | 194,061 | 17,726  | ...       | 16,595    | 810,038   |
| 1889 | 260,326     | 553,616   | 312,658 | 35,097  | ...       | 23,291    | 1,184,988 |
| 1890 | 298,958     | 578,993   | 319,458 | 37,851  | ...       | 24,538    | 1,259,798 |
| 1891 | 314,407     | 593,166   | 317,505 | 39,942  | ...       | 26,832    | 1,291,852 |
| 1892 | 309,869     | 629,057   | 345,750 | 43,888  | ...       | 27,018    | 1,355,582 |
| 1893 | 273,879     | 586,290   | 309,748 | 41,476  | ...       | 31,429    | 1,242,822 |
| 1894 | 265,975     | 567,849   | 304,056 | 41,033  | ...       | 27,861    | 1,206,774 |
| 1895 | 345,129     | 696,010   | 312,954 | 47,555  | ...       | 44,533    | 1,446,181 |
| 1896 | 293,662     | 722,042   | 303,140 | 44,879  | ...       | 46,642    | 1,410,365 |
| 1897 | 313,463     | 773,088   | 338,324 | 46,066  | ...       | 56,823    | 1,527,764 |
| 1898 | 297,589     | 755,512   | 365,307 | 47,754  | ...       | 54,875    | 1,521,037 |
| 1899 | 299,858     | 883,196   | 412,479 | 53,078  | ...       | 48,973    | 1,697,584 |
| 1900 | 296,234     | 898,202   | 400,290 | 55,777  | 6,132     | 33,464    | 1,690,099 |
| 1901 | 323,100     | 977,770   | 455,969 | 59,081  | 4,877     | 44,600    | 1,865,397 |
| 1902 | 341,773     | 1,025,000 | 453,204 | 63,153  | 4,349     | 45,305    | 1,932,784 |
| 1903 | 330,867     | 1,092,097 | 482,888 | 60,461  | 3,393     | 46,677    | 2,016,383 |
| 1904 | 313,949     | 1,106,561 | 499,238 | 57,780  | 4,997     | 48,078    | 2,030,603 |
| 1905 | 335,420     | 1,163,739 | 507,606 | 64,891  | 5,381     | 51,238    | 2,128,275 |
| 1906 | 338,696     | 1,287,660 | 527,528 | 74,342  | 6,192     | 51,458    | 2,285,876 |
| 1907 | 329,975     | 1,261,011 | 528,340 | 65,302  | 6,748     | 59,588    | 2,250,964 |
| 1908 | 300,867     | 1,286,987 | 538,914 | 66,802  | 7,557     | 45,293    | 2,246,420 |
| 1909 | 362,953     | 1,422,730 | 528,105 | 80,691  | 16,708    | 53,463    | 2,464,650 |
| 1910 | 337,055     | 1,345,126 | 551,057 | 80,500  | 27,818    | 54,079    | 2,395,635 |
| 1911 | 331,309     | 1,558,486 | 570,421 | 81,284  | 37,012    | 60,476    | 2,638,988 |
| 1912 | 362,790     | 1,648,426 | 573,235 | 92,567  | 57,018    | 60,220    | 2,794,256 |
| 1913 | 348,647     | 1,721,595 | 583,800 | 95,519  | 86,635    | 63,989    | 2,900,185 |
| 1914 | 356,313     | 1,659,502 | 523,801 | 87,115  | 111,075   | 69,098    | 2,806,904 |
| 1915 | 334,048     | 1,581,355 | 508,437 | 92,896  | 139,988   | 75,290    | 2,732,014 |
| 1916 | 356,692     | 1,664,210 | 630,500 | 92,853  | 201,643   | 93,892    | 3,039,790 |
| 1917 | 335,292     | 1,526,603 | 569,871 | 82,507  | 344,270   | 117,023   | 2,975,566 |
| 1918 | 326,003     | 1,440,680 | 606,504 | 73,489  | 444,203   | 56,395    | 2,947,274 |
| 1919 | 349,905     | 1,681,906 | 501,928 | 80,835  | 510,307   | 62,691    | 3,187,572 |
| 1919 | 327,711     | 1,644,186 | 507,371 | 121,579 | 541,145   | 64,124    | 3,206,116 |
| 1920 | 289,723     | 1,401,151 | 493,573 | 125,929 | 605,067   | 48,792    | 2,964,235 |
| 1921 | 356,274     | 1,831,030 | 466,021 | 144,648 | 374,822   | 66,990    | 3,239,785 |
| 1922 | 380,092     | 2,101,890 | 551,678 | 159,705 | 602,847   | 71,573    | 3,867,785 |
| 1923 | 425,651     | 2,113,456 | 620,564 | 169,437 | 659,752   | 82,846    | 4,071,706 |
| 1924 | 352,117     | 1,856,168 | 587,875 | 153,499 | 854,691   | 77,761    | 3,882,111 |
| 1925 | 412,550     | 2,044,958 | 566,578 | 186,012 | 1,166,134 | 82,166    | 4,458,398 |
| 1926 | 449,914     | 2,219,810 | 585,257 | 224,529 | 1,275,994 | 94,802    | 4,850,306 |
| 1927 | 457,884     | 2,435,861 | 572,900 | 216,660 | 1,592,449 | 101,334   | 5,377,088 |
| 1928 | 429,211     | 2,511,826 | 532,925 | 218,114 | 1,800,745 | 111,871   | 5,604,692 |
| 1929 | 466,680     | 2,669,247 | 554,832 | 227,858 | 1,664,719 | 123,572   | 5,706,908 |
| 1930 | 384,243     | 2,445,051 | 459,576 | 211,409 | 1,358,395 | 114,878   | 4,973,552 |
| 1931 | 371,345     | 2,207,184 | 410,168 | 191,794 | 1,231,613 | 105,142   | 4,517,246 |
| 1932 | 302,643     | 1,888,788 | 345,780 | 164,918 | 982,167   | 80,947    | 3,765,243 |
| 1933 | 301,915     | 1,734,997 | 360,881 | 156,863 | 968,734   | 70,318    | 3,593,708 |

## SUMMARY

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|      | 6       | 7         | 8       | 9       | 11      | RESIDUAL† | TOTAL     |
|------|---------|-----------|---------|---------|---------|-----------|-----------|
| 1934 | ...     | ...       | ...     | ...     | ...     | ...       | 3,732,700 |
| 1935 | 404,494 | 2,106,098 | 385,651 | 179,240 | 973,303 | 94,161    | 4,142,947 |
| 1936 | ...     | ...       | ...     | ...     | ...     | ...       | 3,960,000 |
| 1937 | 472,119 | 2,071,583 | 429,839 | 156,440 | 971,004 | 115,834   | 4,216,819 |
| 1938 | ...     | ...       | ...     | ...     | ...     | ...       | 3,859,300 |
| 1939 | ...     | ...       | ...     | ...     | ...     | ...       | 4,205,300 |

† Residual minor groups (10 in all years; 11 in 1895-33).

|                                   |                                  |
|-----------------------------------|----------------------------------|
| 6 Dry goods & notions             | 9 Housefurnishings               |
| 7 Clothing & personal furnishings | 10 Toys, games, & sporting goods |
| 8 Shoes & other footwear          | 11 Tires & tubes                 |

|      | CONSUMER DURABLE |         |         |         |         | RESIDUAL† |         |
|------|------------------|---------|---------|---------|---------|-----------|---------|
|      | 12               | 13a     | 14a     | 14b     | 15      |           | 16      |
| 1869 | 71,463           | ...     | 15,327  | 7,706   | 9,877   | 22,116    | ...     |
| 1879 | 120,739          | ...     | 30,073  | 26,320  | 24,235  | 30,253    | ...     |
| 1889 | 167,077          | ...     | 56,443  | 59,316  | 36,881  | 52,476    | 31,463  |
| 1890 | 173,545          | ...     | 61,041  | 62,888  | 39,747  | 51,457    | 37,698  |
| 1891 | 183,011          | ...     | 69,049  | 64,907  | 41,797  | 52,583    | 38,557  |
| 1892 | 209,457          | ...     | 69,258  | 68,326  | 43,863  | 54,234    | 37,131  |
| 1893 | 196,864          | ...     | 56,650  | 63,702  | 36,156  | 51,154    | 25,568  |
| 1894 | 164,862          | ...     | 52,593  | 62,096  | 33,310  | 46,018    | 23,700  |
| 1895 | 205,164          | ...     | 71,196  | 74,259  | 40,354  | 57,231    | 37,197  |
| 1896 | 220,020          | ...     | 57,364  | 71,182  | 45,867  | 77,570    | 30,375  |
| 1897 | 217,248          | ...     | 61,398  | 74,925  | 50,375  | 87,021    | 32,318  |
| 1898 | 196,481          | ...     | 56,726  | 76,542  | 51,256  | 74,503    | 37,259  |
| 1899 | 221,455          | ...     | 71,709  | 90,049  | 58,319  | 96,206    | 42,475  |
| 1900 | 201,777          | ...     | 70,593  | 89,877  | 63,127  | 90,180    | 48,633  |
| 1901 | 227,000          | ...     | 75,531  | 93,762  | 58,420  | 103,721   | 55,318  |
| 1902 | 237,394          | ...     | 90,432  | 98,896  | 62,270  | 112,808   | 59,114  |
| 1903 | 246,895          | ...     | 91,223  | 94,409  | 72,780  | 109,090   | 66,702  |
| 1904 | 251,597          | ...     | 83,262  | 87,042  | 76,978  | 100,853   | 60,389  |
| 1905 | 281,643          | ...     | 87,321  | 97,121  | 96,911  | 119,560   | 69,329  |
| 1906 | 316,118          | ...     | 100,982 | 102,936 | 109,563 | 140,667   | 79,248  |
| 1907 | 275,006          | ...     | 98,120  | 91,908  | 106,786 | 130,478   | 80,258  |
| 1908 | 231,158          | ...     | 77,825  | 91,427  | 84,743  | 113,452   | 59,899  |
| 1909 | 296,307          | ...     | 103,844 | 105,128 | 96,233  | 132,677   | 73,716  |
| 1910 | 287,863          | ...     | 108,562 | 104,425 | 109,330 | 135,435   | 75,177  |
| 1911 | 255,076          | ...     | 103,617 | 97,811  | 118,752 | 135,602   | 77,009  |
| 1912 | 250,044          | ...     | 105,827 | 103,008 | 123,986 | 162,492   | 97,523  |
| 1913 | 236,725          | 124,900 | 102,214 | 107,134 | 130,242 | 22,229    | 104,361 |
| 1914 | 222,960          | 110,470 | 94,216  | 100,658 | 120,815 | 18,753    | 97,323  |
| 1915 | 212,317          | 119,647 | 84,560  | 104,294 | 120,597 | 23,813    | 90,082  |
| 1916 | 265,057          | 138,045 | 89,922  | 101,451 | 134,626 | 37,115    | 121,346 |
| 1917 | 265,056          | 167,564 | 82,997  | 78,537  | 134,212 | 42,604    | 138,597 |
| 1918 | 250,175          | 153,208 | 62,484  | 70,344  | 94,674  | 40,058    | 123,274 |
| 1919 | 294,125          | 170,079 | 68,735  | 85,028  | 102,330 | 44,651    | 176,072 |
| 1919 | 302,602          | 156,550 | 193,440 | 93,197  | 42,776  | 168,022   |         |
| 1920 | 245,948          | 187,002 | 197,104 | 105,361 | 40,607  | 155,036   |         |
| 1921 | 238,926          | 104,775 | 164,301 | 68,035  | 36,346  | 104,069   |         |
| 1922 | 289,317          | 135,925 | 235,808 | 79,740  | 45,965  | 130,334   |         |
| 1923 | 324,142          | 161,670 | 275,375 | 94,188  | 62,273  | 133,845   |         |

TABLE I 3 cont.

|      | 12      | 13a     | 14a     | 14b | 15      | RESIDUAL‡ | 16      |
|------|---------|---------|---------|-----|---------|-----------|---------|
| 1924 | 372,107 | 165,834 | 265,067 |     | 71,102  | 116,883   | 107,196 |
| 1925 | 392,471 | 181,603 | 282,229 |     | 101,428 | 144,982   | 111,804 |
| 1926 | 415,289 | 194,261 | 281,967 |     | 119,404 | 186,421   | 119,190 |
| 1927 | 417,854 | 182,469 | 283,536 |     | 102,063 | 181,725   | 108,373 |
| 1928 | 422,600 | 176,490 | 312,524 |     | 123,282 | 253,040   | 90,946  |
| 1929 | 408,126 | 192,961 | 329,239 |     | 124,447 | 306,963   | 69,092  |
| 1930 | 301,533 | 142,960 | 205,999 |     | 87,112  | 222,556   | 62,176  |
| 1931 | 242,159 | 122,373 | 233,498 |     | 82,493  | 185,218   | 35,173  |
| 1932 | 172,166 | 78,890  | 172,018 |     | 61,992  | 118,999   | 23,775  |
| 1933 | 190,337 | 104,366 | 205,974 |     | 65,274  | 141,010   | 19,328  |
| 1934 | ...     | ...     | ...     |     | ...     | ...       | ...     |
| 1935 | 273,858 | 157,181 | 277,923 |     | 78,168  | 245,663   | 30,000  |
| 1936 | ...     | ...     | ...     |     | ...     | ...       | ...     |
| 1937 | 362,377 | 206,667 | 318,539 |     | 84,742  | 314,449   | 45,815  |
| 1938 | ...     | ...     | ...     |     | ...     | ...       | ...     |
| 1939 | ...     | ...     | ...     |     | ...     | ...       | ...     |

‡ Residual household durable groups (13a in 1869-1913; 13b in 1899-1939; 13c in 1919-1939).

12 Household furniture

13a Heating & cooking apparatus and household appliances except electrical

13b Electrical household appliances & supplies

13c Radios

14a Floor coverings

14b Misc. housefurnishings

15 China and household utensils

16 Musical instruments

|      | 17      | 19     | 20a     | 20b    | 20c    | 22    | RESIDUAL§ | TOTAL     |
|------|---------|--------|---------|--------|--------|-------|-----------|-----------|
| 1869 | ...     | ...    | ...     | ...    | ...    | ...   | 93,527    | 220,016   |
| 1879 | ...     | ...    | ...     | ...    | ...    | ...   | 133,881   | 365,501   |
| 1889 | ...     | ...    | ...     | ...    | ...    | 1,894 | 203,195   | 608,745   |
| 1890 | 70,881  | ...    | ...     | ...    | ...    | 1,886 | 155,112   | 654,255   |
| 1891 | 68,097  | ...    | ...     | ...    | ...    | 2,099 | 157,587   | 677,687   |
| 1892 | 38,008  | ...    | ...     | ...    | ...    | 1,955 | 168,678   | 730,910   |
| 1893 | 68,894  | ...    | ...     | ...    | ...    | 1,906 | 161,763   | 662,657   |
| 1894 | 59,129  | ...    | ...     | ...    | ...    | 1,445 | 150,095   | 593,248   |
| 1895 | 70,200  | ...    | ...     | ...    | ...    | 1,887 | 179,803   | 737,291   |
| 1896 | 59,327  | ...    | ...     | ...    | ...    | 1,736 | 180,547   | 743,988   |
| 1897 | 70,285  | ...    | ...     | ...    | ...    | 1,702 | 208,035   | 803,307   |
| 1898 | 70,285  | ...    | ...     | ...    | ...    | 1,898 | 211,234   | 782,357   |
| 1899 | 97,086  | ...    | 3,234   | ...    | ...    | 2,671 | 221,556   | 904,760   |
| 1900 | 99,974  | ...    | 4,633   | ...    | ...    | 3,441 | 182,006   | 854,241   |
| 1901 | 94,643  | ...    | 6,038   | ...    | ...    | 4,654 | 207,356   | 926,443   |
| 1902 | 106,814 | ...    | 7,293   | ...    | ...    | 4,353 | 203,783   | 983,157   |
| 1903 | 110,068 | ...    | 8,867   | ...    | ...    | 4,408 | 193,426   | 997,868   |
| 1904 | 108,221 | ...    | 18,369  | 2,106  | ...    | 3,822 | 196,578   | 989,217   |
| 1905 | 128,625 | ...    | 20,254  | 2,433  | ...    | 4,504 | 210,163   | 1,117,864 |
| 1906 | 164,758 | ...    | 30,714  | 3,833  | ...    | 5,017 | 212,586   | 1,266,422 |
| 1907 | 165,389 | ...    | 38,105  | 4,790  | 66,563 | 6,936 | 141,928   | 1,206,267 |
| 1908 | 134,396 | ...    | 56,242  | 7,360  | 48,894 | 3,782 | 137,299   | 1,046,477 |
| 1909 | 194,329 | ...    | 108,515 | 14,867 | 49,383 | 4,774 | 161,353   | 1,341,126 |
| 1910 | 205,690 | ...    | 155,203 | 20,502 | 52,594 | 4,844 | 164,314   | 1,423,939 |
| 1911 | 205,627 | ...    | 167,883 | 21,126 | 45,936 | 4,547 | 164,815   | 1,397,801 |
| 1912 | 202,817 | ...    | 299,935 | 37,890 | 41,557 | 4,003 | 169,532   | 1,598,614 |
| 1913 | 196,019 | 34,023 | 372,803 | 46,112 | 40,137 | 4,090 | 154,089   | 1,675,078 |

|      | 17      | 19     | 20a       | 20b     | 20c    | 22     | RESIDUAL§ | TOTAL     |
|------|---------|--------|-----------|---------|--------|--------|-----------|-----------|
| 1914 | 152,499 | 26,451 | 471,763   | 58,888  | 36,184 | 3,552  | 149,065   | 1,663,597 |
| 1915 | 144,051 | 24,428 | 686,875   | 77,904  | 31,853 | 3,134  | 159,810   | 1,883,365 |
| 1916 | 187,532 | 28,705 | 1,198,446 | 142,621 | 31,614 | 3,179  | 171,228   | 2,650,887 |
| 1917 | 132,517 | 20,230 | 1,332,509 | 161,066 | 35,564 | 2,019  | 183,794   | 2,777,266 |
| 1918 | 98,557  | 23,554 | 930,118   | 104,655 | 23,501 | 659    | 196,299   | 2,171,360 |
| 1919 | 191,557 | 24,377 | 1,332,159 | 173,872 | 15,422 | 2,091  | 194,091   | 2,874,589 |
| 1919 | 200,015 | 26,729 | 1,338,052 | 292,520 | ...    | 5,673  | 210,939   | 3,030,515 |
| 1920 | 157,707 | 29,693 | 1,495,202 | 287,790 | ...    | 6,143  | 197,049   | 3,104,642 |
| 1921 | 114,334 | 20,787 | 1,147,582 | 174,352 | ...    | 4,672  | 161,413   | 2,339,592 |
| 1922 | 165,919 | 22,516 | 1,957,082 | 308,152 | ...    | 3,520  | 202,847   | 3,577,125 |
| 1923 | 163,257 | 36,541 | 2,969,833 | 482,758 | ...    | 7,121  | 250,512   | 4,961,515 |
| 1924 | 151,121 | 30,491 | 2,637,197 | 462,616 | ...    | 8,213  | 251,582   | 4,639,409 |
| 1925 | 174,214 | 35,400 | 3,277,563 | 622,225 | ...    | 8,802  | 265,664   | 5,598,385 |
| 1926 | 192,318 | 38,128 | 3,693,696 | 649,249 | ...    | 13,113 | 281,082   | 6,184,118 |
| 1927 | 186,906 | 35,693 | 2,831,424 | 604,049 | ...    | 10,428 | 282,588   | 5,227,108 |
| 1928 | 191,067 | 34,857 | 3,165,426 | 567,807 | ...    | 10,192 | 285,879   | 5,634,110 |
| 1929 | 194,165 | 37,030 | 3,413,497 | 542,000 | ...    | 15,389 | 299,426   | 5,932,335 |
| 1930 | 127,177 | 23,640 | 2,172,338 | 460,547 | ...    | 14,888 | 274,946   | 4,095,872 |
| 1931 | 86,203  | 18,029 | 1,600,761 | 406,979 | ...    | 10,576 | 233,550   | 3,257,012 |
| 1932 | 53,997  | 12,664 | 903,046   | 317,281 | ...    | 6,277  | 168,576   | 2,089,681 |
| 1933 | 59,894  | 13,918 | 1,087,388 | 342,199 | ...    | 3,249  | 164,763   | 2,397,700 |
| 1934 | ...     | ...    | ...       | ...     | ...    | ...    | ...       | 3,357,600 |
| 1935 | 97,832  | 21,117 | 2,450,363 | 672,859 | ...    | 8,785  | 234,295   | 4,548,044 |
| 1936 | ...     | ...    | ...       | ...     | ...    | ...    | ...       | 5,680,600 |
| 1937 | 137,538 | 22,112 | 3,490,379 | 937,855 | ...    | 14,810 | 314,799   | 6,250,082 |
| 1938 | ...     | ...    | ...       | ...     | ...    | ...    | ...       | 4,185,300 |
| 1939 | ...     | ...    | ...       | ...     | ...    | ...    | ...       | 5,414,800 |

§ Residual nonhousehold durable groups (16 in 1869 and 1879; 17 in 1869, 1879, 1889; 20c in 1879-1907; 19 in 1879-1913; 18, 21, 23, 24 in all years).

|  |   |
|--|---|
| 17 Jewelry, silverware, clocks & watches | 20c Carriages and wagons                  |
| 18 Printing & publishing: books          | 21 Motorcycles & bicycles                 |
| 19 Luggage                               | 22 Pleasure craft                         |
| 20a Motor vehicles                       | 23 Ophthalmic products & artificial limbs |
| 20b Motor vehicle accessories            | 24 Monuments & tombstones                 |

### PRODUCER DURABLE

|      | 25a     | 25b | 26      | 27      | 28     | 29     | 30      | 31     |
|------|---------|-----|---------|---------|--------|--------|---------|--------|
| 1869 | ...     | ... | ...     | ...     | ...    | ...    | ...     | ...    |
| 1879 | ...     | ... | ...     | ...     | ...    | ...    | ...     | ...    |
| 1889 | 211,321 | ... | 17,044  | 71,947  | 9,418  | 41,602 | 105,561 | 32,042 |
| 1890 | 209,442 | ... | 28,081  | 75,173  | 9,816  | 42,704 | 98,582  | 31,847 |
| 1891 | 230,090 | ... | 33,514  | 66,138  | 11,203 | 44,343 | 107,839 | 35,594 |
| 1892 | 246,199 | ... | 32,359  | 67,142  | 12,305 | 49,897 | 113,359 | 33,282 |
| 1893 | 231,368 | ... | 23,611  | 64,382  | 11,949 | 46,568 | 132,578 | 32,604 |
| 1894 | 185,778 | ... | 21,208  | 54,948  | 10,130 | 38,600 | 61,683  | 24,826 |
| 1895 | 276,282 | ... | 32,547  | 57,094  | 15,298 | 47,024 | 71,893  | 32,512 |
| 1896 | 338,381 | ... | 37,653  | 46,244  | 18,732 | 49,982 | 101,360 | 30,030 |
| 1897 | 214,446 | ... | 32,668  | 59,665  | 11,420 | 48,627 | 89,958  | 29,554 |
| 1898 | 213,031 | ... | 42,741  | 90,661  | 11,580 | 43,105 | 103,876 | 33,064 |
| 1899 | 272,703 | ... | 65,116  | 102,121 | 14,582 | 48,159 | 137,592 | 46,665 |
| 1900 | 358,735 | ... | 80,148  | 99,565  | 20,381 | 48,159 | 154,774 | 59,800 |
| 1901 | 344,376 | ... | 81,366  | 108,542 | 19,742 | 54,719 | 147,780 | 80,415 |
| 1902 | 395,379 | ... | 97,791  | 148,992 | 23,316 | 58,675 | 180,945 | 74,828 |
| 1903 | 460,223 | ... | 118,779 | 116,583 | 27,059 | 63,993 | 223,111 | 75,375 |

TABLE I 3 cont.

|      | 25a   | 25b     | 26      | 27      | 28                                   | 29                     | 30                         | 31                      |
|------|---|---------|---------|---------|--------------------------------------|------------------------|----------------------------|-------------------------|
| 1904 | 345,455                                       | ...     | 91,381  | 122,759 | 21,413                               | 64,790                 | 184,304                    | 65,028                  |
| 1905 | 428,716                                       | ...     | 102,421 | 127,650 | 29,631                               | 72,194                 | 237,862                    | 66,219                  |
| 1906 | 542,581                                       | ...     | 146,968 | 161,110 | 41,690                               | 80,425                 | 324,386                    | 63,699                  |
| 1907 | 525,105                                       | ...     | 149,328 | 162,240 | 43,856                               | 70,511                 | 375,168                    | 75,922                  |
| 1908 | 368,021                                       | ...     | 105,277 | 133,528 | 31,024                               | 59,349                 | 144,294                    | 38,826                  |
| 1909 | 444,221                                       | ...     | 125,918 | 162,267 | 39,852                               | 72,716                 | 131,510                    | 42,361                  |
| 1910 | 508,884                                       | ...     | 163,390 | 169,893 | 48,020                               | 69,551                 | 288,443                    | 44,590                  |
| 1911 | 427,819                                       | ...     | 136,490 | 168,163 | 39,274                               | 59,510                 | 177,904                    | 45,380                  |
| 1912 | 496,215                                       | 8,359   | 177,190 | 187,287 | 48,181                               | 60,413                 | 321,432                    | 45,907                  |
| 1913 | 543,391                                       | 4,418   | 177,149 | 202,447 | 55,395                               | 54,321                 | 422,545                    | 47,577                  |
| 1914 | 431,311                                       | 17,266  | 146,697 | 187,423 | 47,659                               | 50,675                 | 221,352                    | 42,724                  |
| 1915 | 446,185                                       | 24,543  | 151,717 | 208,472 | 52,406                               | 43,105                 | 152,412                    | 62,244                  |
| 1916 | 687,383                                       | 28,381  | 203,642 | 241,232 | 74,939                               | 49,906                 | 286,380                    | 82,707                  |
| 1917 | 837,827                                       | 68,078  | 213,098 | 257,423 | 86,666                               | 53,781                 | 375,283                    | 148,184                 |
| 1918 | 784,780                                       | 153,141 | 196,229 | 234,522 | 78,590                               | 49,825                 | 343,459                    | 353,682                 |
| 1919 | 688,552                                       | 175,248 | 200,358 | 269,435 | 59,959                               | 50,710                 | 196,060                    | 565,531                 |
| 1919 | 685,591                                       | 196,982 | 252,510 | 309,284 | 74,764                               | 59,683                 | 238,505                    | 562,172                 |
| 1920 | 744,578                                       | 253,097 | 283,209 | 222,143 | 73,089                               | 55,702                 | 216,811                    | 337,142                 |
| 1921 | 445,592                                       | 55,757  | 224,283 | 183,497 | 55,041                               | 60,744                 | 173,350                    | 135,939                 |
| 1922 | 599,580                                       | 65,092  | 246,044 | 153,923 | 73,122                               | 81,480                 | 166,909                    | 53,360                  |
| 1923 | 789,400                                       | 96,286  | 330,236 | 301,365 | 95,099                               | 117,651                | 327,426                    | 42,866                  |
| 1924 | 673,778                                       | 82,621  | 367,152 | 243,683 | 92,592                               | 145,228                | 270,255                    | 39,528                  |
| 1925 | 768,158                                       | 107,837 | 379,801 | 285,375 | 101,515                              | 153,889                | 208,947                    | 32,669                  |
| 1926 | 825,677                                       | 131,560 | 433,786 | 328,172 | 102,828                              | 165,423                | 234,187                    | 50,706                  |
| 1927 | 754,615                                       | 137,650 | 426,456 | 314,280 | 102,840                              | 169,937                | 177,720                    | 41,539                  |
| 1928 | 831,591                                       | 158,405 | 516,715 | 332,259 | 108,054                              | 167,913                | 144,434                    | 35,417                  |
| 1929 | 1,009,586                                     | 186,482 | 575,403 | 363,959 | 109,001                              | 197,984                | 190,991                    | 45,842                  |
| 1930 | 791,874                                       | 147,896 | 440,127 | 324,213 | 89,791                               | 139,755                | 194,775                    | 57,323                  |
| 1931 | 540,460                                       | 32,486  | 332,119 | 161,306 | 67,109                               | 110,503                | 46,921                     | 51,710                  |
| 1932 | 324,345                                       | 27,748  | 153,087 | 72,835  | 48,402                               | 58,848                 | 24,668                     | 33,471                  |
| 1933 | 355,988                                       | 22,309  | 137,425 | 82,905  | 48,618                               | 60,272                 | 9,098                      | 20,472                  |
| 1934 | ...   | ...     | ...     | ...     | ...                                  | ...                    | ...                        | ...                     |
| 1935 | 601,496                                       | 222,538 | 242,416 | 348,085 | 75,107                               | 94,232                 | 18,634                     | 30,031                  |
| 1936 | ...   | ...     | ...     | ...     | ...                                  | ...                    | ...                        | ...                     |
| 1937 | 909,561                                       | 357,348 | 428,081 | 645,270 | 98,938                               | 137,054                | 62,291                     | 74,985                  |
| 1938 | ...   | ...     | ...     | ...     | ...                                  | ...                    | ...                        | ...                     |
| 1939 | ...   | ...     | ...     | ...     | ...                                  | ...                    | ...                        | ...                     |
| 25a  | Industrial machinery & equipment              |         |         | 28      | Office & store machinery & equipment |                        |                            |                         |
| 25b  | Tractors                                      |         |         | 29      | Office & store furniture & fixtures  |                        |                            |                         |
| 26   | Electrical equipment, industrial & commercial |         |         | 30      | Locomotives & railroad cars          |                        |                            |                         |
| 27   | Farm equipment                                |         |         | 31      | Ships & boats                        |                        |                            |                         |
|      | 32a   | 32b     | 35      | 36      | RE-SIDUAL                            | TOTAL PRODUCER DURABLE | TOTAL FINISHED COMMODITIES | CON-STRUCTION MATERIALS |
| 1869 | ...   | ...     | 5,149   | 24,197  | 148,272                              | 177,618                | 1,946,511                  | 351,389                 |
| 1879 | ...   | ...     | 10,132  | 46,448  | 271,538                              | 328,118                | 3,807,348                  | 545,742                 |
| 1889 | ...   | ...     | 21,406  | 69,541  | 35,482                               | 615,364                | 5,699,750                  | 986,891                 |
| 1890 | ...   | ...     | 25,367  | 79,701  | 40,082                               | 640,795                | 5,698,210                  | 1,443,095               |
| 1891 | ...   | ...     | 27,306  | 96,162  | 45,227                               | 697,416                | 6,163,915                  | 1,341,613               |
| 1892 | ...   | ...     | 27,263  | 105,254 | 47,038                               | 734,098                | 6,466,440                  | 1,759,617               |
| 1893 | ...   | ...     | 25,097  | 108,514 | 44,716                               | 721,387                | 6,538,969                  | 1,424,857               |

|      | 32a       | 32b    | 35      | 36      | RE-<br>SIDUAL | TOTAL<br>PRODUCER<br>DURABLE | TOTAL<br>FINISHED<br>COMMODITIES | CON-<br>STRUCTION<br>MATERIALS |
|------|-----------|--------|---------|---------|---------------|------------------------------|----------------------------------|--------------------------------|
| 1894 | ...       | ...    | 18,906  | 101,321 | 39,514        | 556,914                      | 6,178,463                        | 1,402,353                      |
| 1895 | ...       | ...    | 22,216  | 92,115  | 39,697        | 686,678                      | 7,027,891                        | 1,461,338                      |
| 1896 | ...       | ...    | 21,659  | 102,967 | 39,548        | 786,556                      | 7,091,515                        | 1,226,032                      |
| 1897 | ...       | ...    | 19,525  | 107,855 | 35,453        | 649,171                      | 7,456,053                        | 1,435,814                      |
| 1898 | ...       | ...    | 23,067  | 96,516  | 35,325        | 692,966                      | 7,577,698                        | 1,341,569                      |
| 1899 | ...       | ...    | 26,834  | 103,226 | 41,519        | 858,517                      | 8,530,245                        | 1,246,964                      |
| 1900 | ...       | ...    | 27,497  | 105,159 | 40,698        | 994,916                      | 8,653,490                        | 1,425,045                      |
| 1901 | ...       | ...    | 29,656  | 110,933 | 50,871        | 1,028,400                    | 9,622,359                        | 1,618,673                      |
| 1902 | ...       | ...    | 35,938  | 118,017 | 50,625        | 1,184,506                    | 9,768,502                        | 1,810,440                      |
| 1903 | ...       | ...    | 37,736  | 134,830 | 52,608        | 1,310,297                    | 10,345,411                       | 1,712,873                      |
| 1904 | 1,391     | ...    | 35,719  | 135,046 | 50,989        | 1,118,275                    | 10,180,174                       | 1,706,553                      |
| 1905 | 1,601     | ...    | 38,631  | 138,668 | 57,263        | 1,300,856                    | 10,763,075                       | 1,813,889                      |
| 1906 | 1,825     | ...    | 43,444  | 148,590 | 62,877        | 1,617,595                    | 12,137,853                       | 1,978,363                      |
| 1907 | 2,428     | 51,718 | 51,317  | 171,063 | 12,603        | 1,691,259                    | 12,338,628                       | 2,090,592                      |
| 1908 | 3,861     | 40,210 | 35,227  | 192,366 | 8,974         | 1,160,957                    | 10,942,166                       | 1,950,846                      |
| 1909 | 8,480     | 42,588 | 47,432  | 187,793 | 13,165        | 1,318,303                    | 12,265,136                       | 2,101,797                      |
| 1910 | 14,547    | 47,655 | 48,820  | 182,654 | 13,273        | 1,599,720                    | 12,808,375                       | 2,100,132                      |
| 1911 | 24,680    | 44,153 | 41,276  | 181,134 | 13,487        | 1,359,270                    | 13,181,085                       | 2,002,890                      |
| 1912 | 47,770    | 41,913 | 48,256  | 176,396 | 14,858        | 1,674,177                    | 13,946,249                       | 2,200,307                      |
| 1913 | 47,065    | 39,854 | 53,632  | 161,675 | 17,873        | 1,827,342                    | 14,632,785                       | 2,384,390                      |
| 1914 | 38,123    | 37,496 | 50,147  | 178,901 | 23,786        | 1,473,560                    | 14,128,149                       | 2,195,323                      |
| 1915 | 75,554    | 35,473 | 57,773  | 137,200 | 28,250        | 1,475,334                    | 13,883,365                       | 2,125,457                      |
| 1916 | 119,608   | 38,052 | 83,144  | 172,787 | 28,107        | 2,096,268                    | 15,990,524                       | 2,208,197                      |
| 1917 | 205,309   | 46,802 | 82,867  | 170,397 | 53,837        | 2,599,552                    | 16,531,330                       | 1,974,536                      |
| 1918 | 408,815   | 33,707 | 109,794 | 187,879 | 167,249       | 3,101,672                    | 16,869,792                       | 1,843,811                      |
| 1919 | 389,596   | 24,850 | 87,227  | 143,790 | 44,830        | 2,896,146                    | 17,570,524                       | 1,826,917                      |
| 1919 | 389,924   | ...    | 60,553  | 143,085 | 39,111        | 3,012,164                    | 18,098,681                       | 1,730,686                      |
| 1920 | 474,205   | ...    | 58,157  | 151,968 | 46,139        | 2,916,240                    | 17,998,952                       | 1,823,321                      |
| 1921 | 284,554   | ...    | 32,510  | 102,027 | 33,367        | 1,786,661                    | 16,940,123                       | 1,717,015                      |
| 1922 | 530,611   | ...    | 50,704  | 126,597 | 44,736        | 2,192,158                    | 19,596,294                       | 2,090,217                      |
| 1923 | 798,533   | ...    | 61,941  | 153,817 | 54,947        | 3,169,567                    | 22,476,473                       | 2,440,809                      |
| 1924 | 792,757   | ...    | 56,423  | 107,732 | 56,989        | 2,928,738                    | 22,303,940                       | 2,487,632                      |
| 1925 | 845,160   | ...    | 58,430  | 147,249 | 63,288        | 3,152,318                    | 24,144,959                       | 2,773,333                      |
| 1926 | 807,788   | ...    | 58,043  | 160,128 | 75,217        | 3,373,515                    | 25,935,834                       | 2,910,877                      |
| 1927 | 706,388   | ...    | 55,574  | 154,623 | 77,276        | 3,118,898                    | 25,478,085                       | 2,908,283                      |
| 1928 | 801,730   | ...    | 70,255  | 144,855 | 104,908       | 3,416,536                    | 26,599,492                       | 2,894,807                      |
| 1929 | 1,242,893 | ...    | 66,370  | 178,866 | 126,283       | 4,293,660                    | 28,405,189                       | 2,984,207                      |
| 1930 | 973,820   | ...    | 53,943  | 153,107 | 96,302        | 3,462,926                    | 24,811,207                       | 2,386,237                      |
| 1931 | 691,832   | ...    | 30,001  | 110,147 | 67,055        | 2,241,649                    | 21,790,288                       | 1,820,328                      |
| 1932 | 361,749   | ...    | 17,685  | 75,717  | 40,497        | 1,239,052                    | 18,217,801                       | 1,074,685                      |
| 1933 | 506,490   | ...    | 29,460  | 101,740 | 46,293        | 1,421,070                    | 18,857,001                       | 1,129,485                      |
| 1934 | ...       | ...    | ...     | ...     | ...           | 2,203,300                    | 21,340,355                       | 1,261,493                      |
| 1935 | 1,144,268 | ...    | 38,191  | 120,998 | 55,723        | 2,991,719                    | 23,585,545                       | 1,585,447                      |
| 1936 | ...       | ...    | ...     | ...     | ...           | 4,005,200                    | 26,891,169                       | 2,188,896                      |
| 1937 | 1,500,302 | ...    | 51,099  | 141,161 | 87,600        | 4,493,690                    | 28,645,111                       | 2,358,518                      |
| 1938 | ...       | ...    | ...     | ...     | ...           | 3,345,400                    | 25,056,337                       | 1,986,792                      |
| 1939 | ...       | ...    | ...     | ...     | ...           | 4,167,400                    | 28,257,800                       | 2,328,050                      |

|| Residual minor groups (34 in all years; 33 in 1912-29; 32b in 1879-1907; 25a, 26, 27, 28, 29, 30, 31 in 1869 and 1879).

32a Business vehicles, motor  
32b Business vehicles, wagons  
33 Aircraft

34 Professional & scientific equipment  
35 Carpenters' & mechanics' tools  
36 Misc. subsidiary durable equipment

