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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.¹ 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.² 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-

¹ For the definition of finished commodities see Section A.

² 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.³ 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.⁴ 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.⁵

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-

³ 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.

⁴ 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.

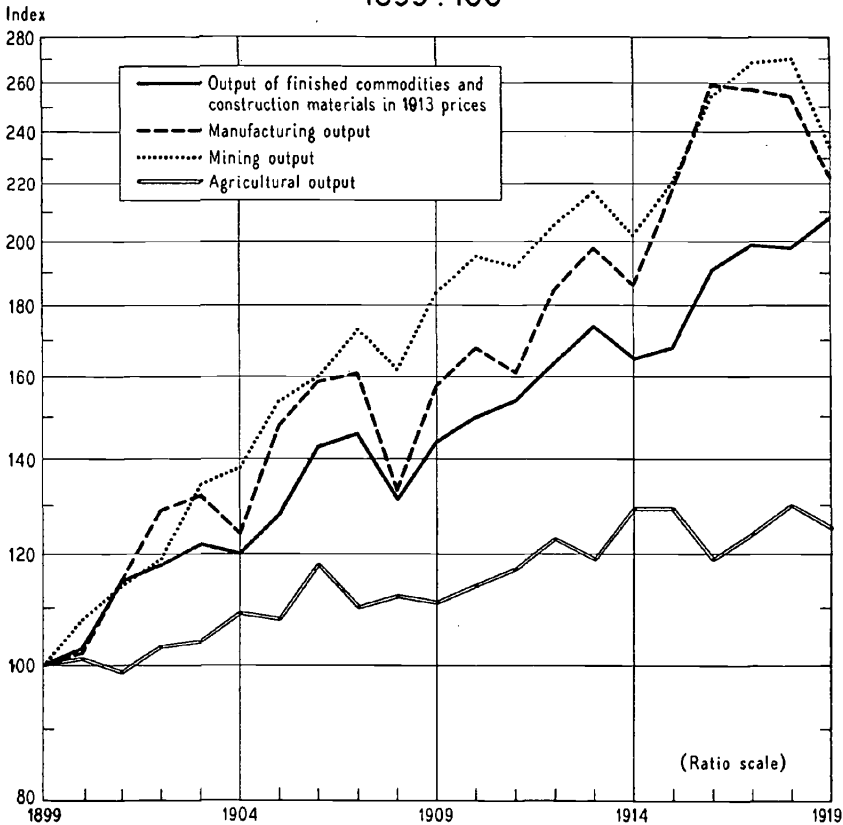
Finally, there are the differences that might be expected to stem from the statistical crudities inherent in all global estimates for the years before 1919.

⁵ 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.⁶

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

⁶ 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
1 At Destination a Finished: bread, coal used by households, etc., in hands of households	1 At Destination a Finished: shoes, clothing, etc., in hands of households	1 At Destination a All finished: passenger cars, jewelry, furniture in hands of households aa Residential building bb All other
b Unfinished: none	b Unfinished: none	b Unfinished: none
2 In Circulation a Finished: same as under A I 1a, but in hands of producers & distributors	2 In Circulation a Finished: same as under A II 1a, but in hands of producers & distributors	2 In Circulation a Finished: same as under A III 1a, but in hands of producers & distributors
b Unfinished: raw materials, fuels, supplies used for production, transportation, & distribution yielding A I 1a	b Unfinished: raw materials, fuels, supplies used for production, transportation & distribution yielding A II 1a	b Unfinished: raw materials, fuels, supplies used for production, transportation & distribution yielding A III 1a
B PRODUCER		
I PERISHABLE	II SEMIDURABLE	III DURABLE
None	None	1 At Destination a Finished: industrial, farm machinery, buildings, trucks, etc., in hands of business units who will use them b Unfinished: none
		2 In Circulation a Finished: same as under B II 1a, but in hands of producers & distributors b Unfinished: raw materials, fuels, supplies, etc., used for production, transportation & distribution, yielding B III 1a

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;⁷ 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;

⁷ 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.⁸ 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.⁹

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

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

⁹ 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.¹⁰ 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.¹¹ 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

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

¹¹ 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.¹² 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- ABLE	CONSUMER SEMI- DURABLE	DURABLE	PRODUCER DURABLE	ALL FINISHED COMMODITIES
VALUE IN PRODUCERS' CURRENT PRICES					
Av. annual rate of growth, 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, 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	

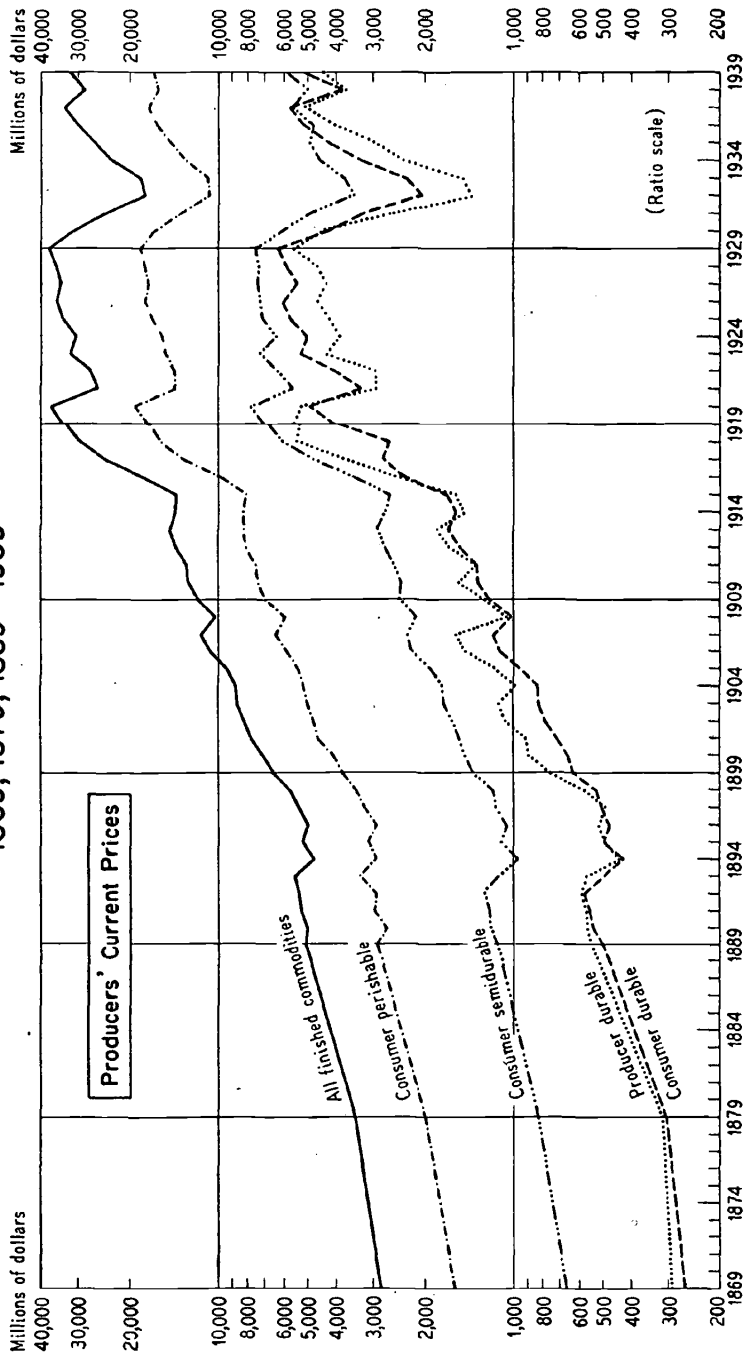
* The averages for 1879-88 in this and certain subsequent tables are based on rough interpolations of the 1879 and 1889 Census year estimates. The interpolations are not believed accurate enough to warrant their presentation as annual series in Tables I 1 and I 3.

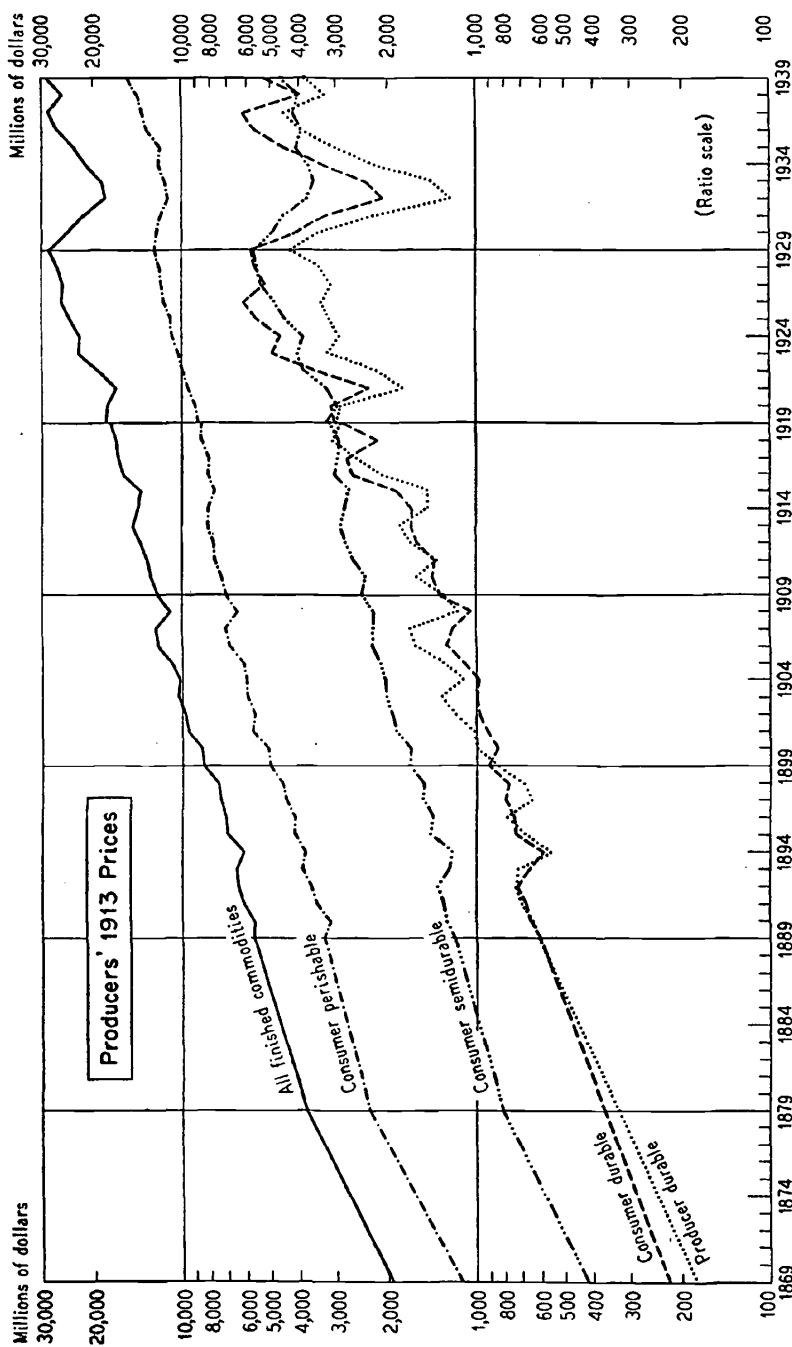
durable commodities in current prices gained more than one-third again as rapidly as nondurable.

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

¹² 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 - 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.¹³ 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

¹³ 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 DOLLARS		PERCENTAGE SHARES	
	1879 AND 1889	1929 AND 1939	1879 AND 1889	1929 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 & sup- plies & 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 & house- hold appliances, except electrical	31.0	317.5	0.73	0.91
13b Electrical household appliances & sup- plies		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, & ac- cessories	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 & com- mercial	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.¹⁴

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 TO 1889-98	1889-98 TO 1899-1908	1899-1908 TO 1909-18	1909-18 TO 1919-28*	1919-28 TO 1929-38	MEAN CHANGE	AVERAGE DEVI- ATION
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.

¹⁴ 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. Sizeable 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

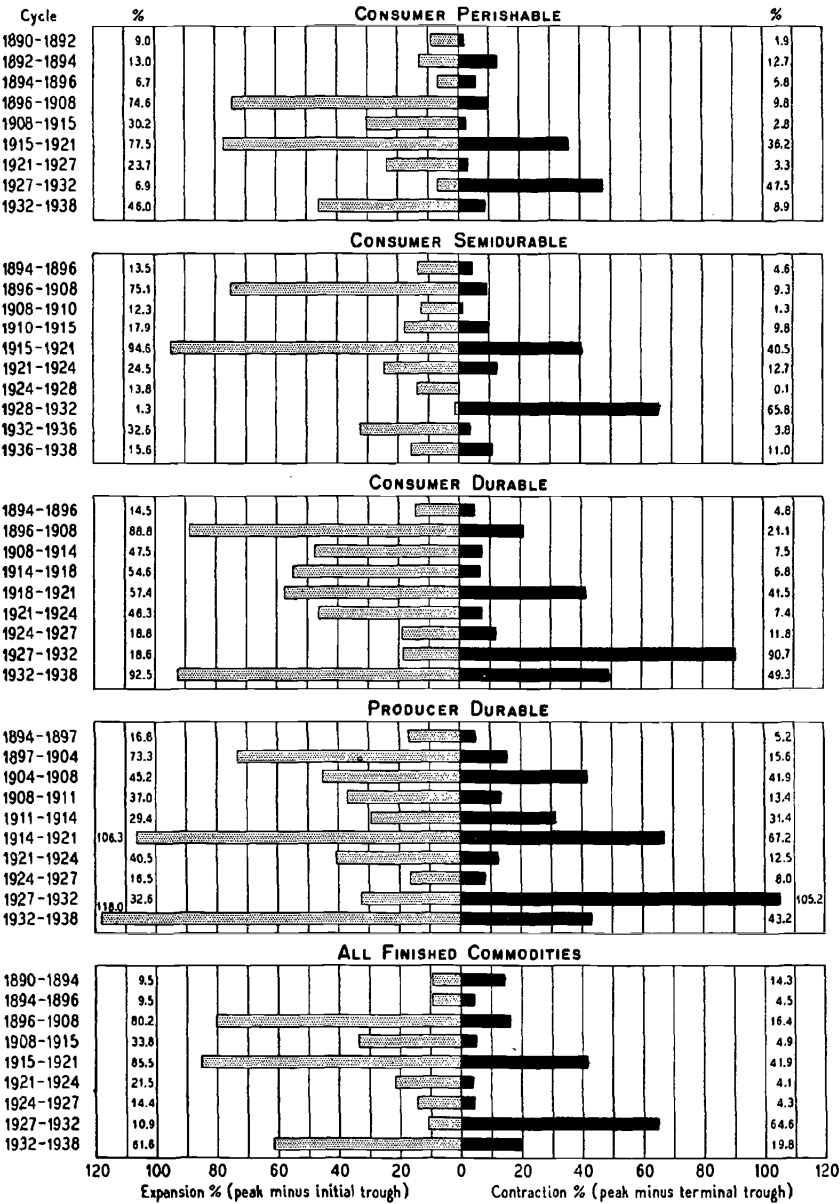


CHART 3 (Continued)

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

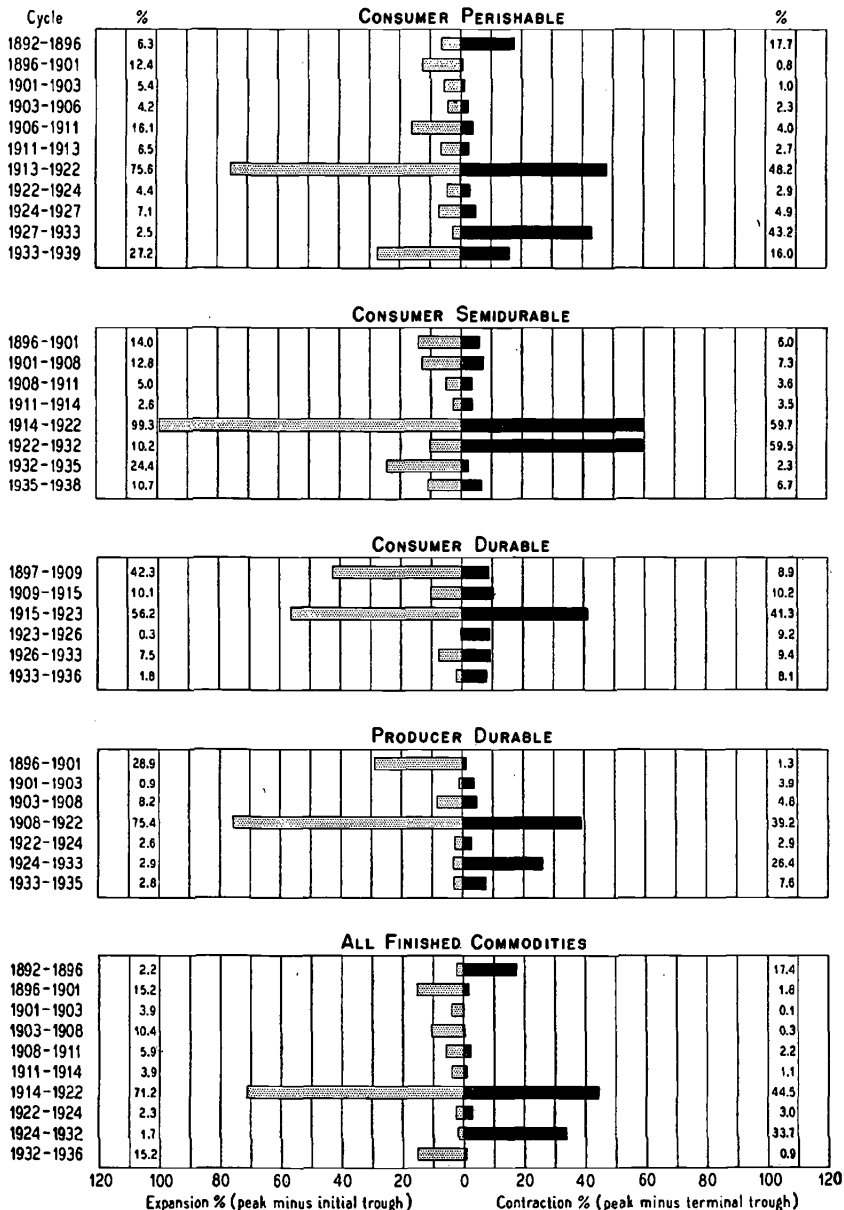
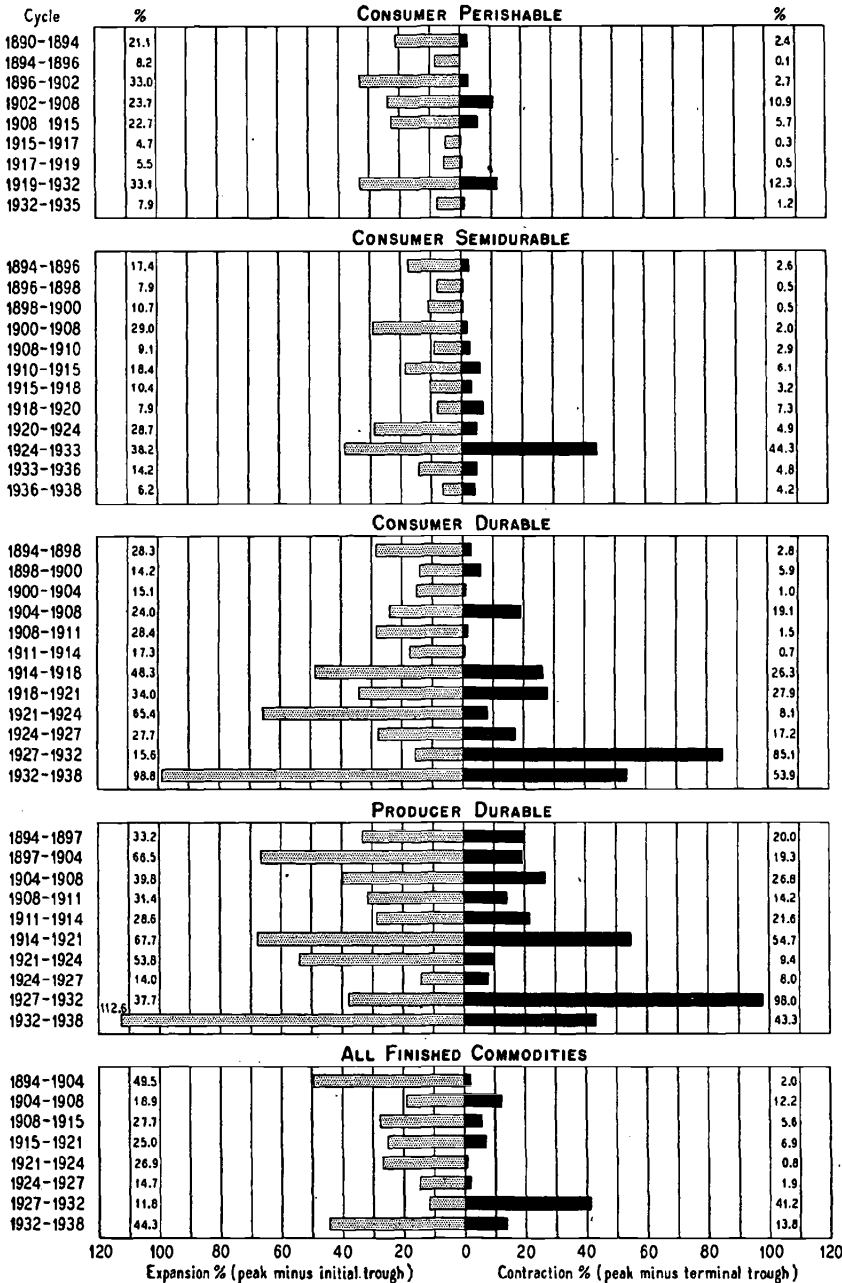
B PRICE INDEXES

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.¹⁵ 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,

¹⁵ 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 AVERAGE				POST WAR CYCLES AVERAGE			
	No.	Rise	Fall	Total Swing	No.	Rise	Fall	Total 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).¹⁶

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

¹⁶ 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.¹⁷

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.

¹⁷ 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.¹⁸ 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.¹⁹ 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

¹⁸ 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.

¹⁹ 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 EXPANSION	CONTRACTION	COMPLETE CYCLE
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 non-durable.

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 1891 TO 1914	6 CYCLES 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

PERISHABLE

	OUTPUT	EXPORTS	IMPORTS	DOMESTIC CONSUMPTION
1a FOOD & KINDRED PRODUCTS, MANUFACTURED				
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
1b FOOD & KINDRED PRODUCTS, NONMANUFACTURED				
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 & 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

3 DRUGS, TOILET, & HOUSEHOLD PREPARATIONS				
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

4 MAGAZINES, NEWSPAPERS, STATIONERY & SUPPLIES & MISC. PAPER PRODUCTS				
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 & 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

5b NONMANUFACTURED FUELS				
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

PERISHABLE, TOTALS				
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
6 DRY GOODS & NOTIONS				
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
7 CLOTHING & PERSONAL FURNISHINGS				
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
		8 SHOES & OTHER FOOTWEAR		
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
		9 HOUSEFURNISHINGS		
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	233	...	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 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 & 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

SUMMARY

47

	OUTPUT	EXPORTS	IMPORTS	DOMESTIC 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 & 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 OPTHALMIC 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 & 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
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1900
1901
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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 & 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 & STORE MACHINERY & 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 & STORE FURNITURE & 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

31 SHIPS & BOATS

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

32a BUSINESS VEHICLES, MOTOR

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	33,918	...	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

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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 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 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

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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	181,324	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	347,350	176,707	366,004	643,333	274,033	111,860	402,699	192,280	70,282	2,566,950	407,584	10,560	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	185,857	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.N.†
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	265,533	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	64,722	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	24,243,503	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	1,581,180	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	2,316,831	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	235,320	...	8,230,180

	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	512,151	334,674	235,598	171,484	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	...	9,013,845
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	...	10,935,858
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							
	12	13a	14a	14b	15	RESIDUAL†	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	98,357	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- SIDUAL||	TOTAL PRODUCER DURABLE	TOTAL FINISHED COMMODITIES	CON- STRUCTION 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

