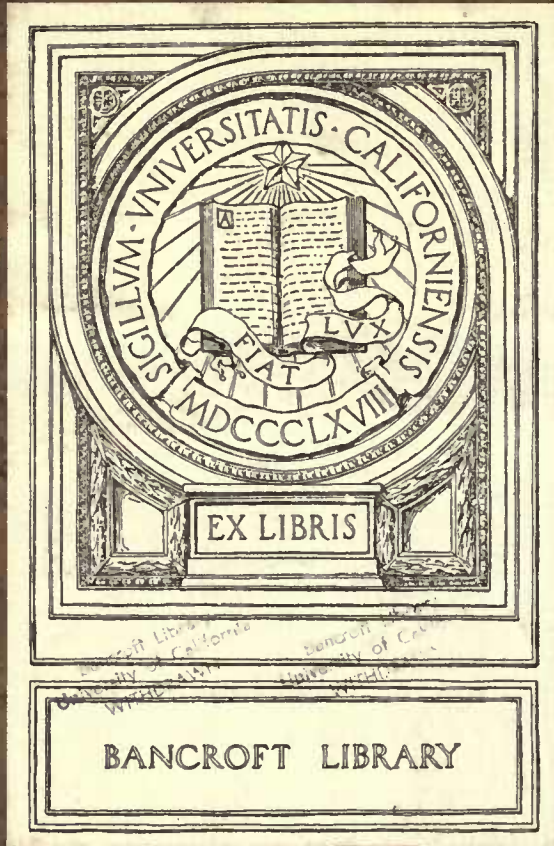


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MINISTRY OF AGRICULTURE, INDUSTRY AND COMMERCE

WHAT BRAZIL

BUYS AND SELLS



RIO DE JANEIRO
IMPRESA NACIONAL
1918

MINISTRY OF AGRICULTURE, INDUSTRY AND COMMERCE

WHAT BRAZIL

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Brazil. Ministerio da agricultura, industria e commercio.



RIO DE JANEIRO
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For Free Distribution

INTRODUCTORY

This book, intended for circulation in the United States, was prepared at the request of Dr. J. G. Pereira Lima, Minister of Agriculture in Brazil. It is not an exhaustive manual of information about Brazil, its purpose being rather to place before the American reader the important facts regarding the foreign trade of Brazil in two distinct periods, namely, before and since the beginning of the great war. Its title might well be "What Brazil Buys and Sells".

A brief introductory chapter precedes the main substance of the book, in order to set before the reader those factors which contribute most largely for the prosperity of the nation.

The war created many economic advantages for Brazil. The demand on the part of the belligerents for our foodstuffs and raw material stimulated agricultural and industrial production to an output far in excess of our past records. Previous to 1914, our agriculture, in spite of the generous fertility of the soil, has been embarrassed by a shortage of labor supply, the exaggeration of which prevented the development of an export trade in such products as would have had to compete with more favored countries. Consequently the production of some of our goods was limited to home consumption.

"The war raised the general price level throughout the world. The fact, however, that this level did not rise so high in Brazil as in other countries permitted us to increase the production of goods which we did not export prior to 1914, or, if so, on a very small scale.

The President of the Republic in his Message to Congress on the third of May, 1918, presented an interesting table showing the relative position of the various groups of goods which make up the total exportation of the country. The arrangement of this table is as follows: (1) Products which Brazil did not export before the War; (2) Products exported on a small scale; (3) Manganese exported; and (4) the goods which in 1913 constituted 99% of the export trade of Brazil.

BRAZILIAN EXPORTS

YEARS.	1ST.		2ND.		3RD.		4TH.	
	1,000 Tons.	1,000 Dollars	1,000 Tons.	1,000 Dollars	1,000 Tons.	1,000 Dollars	1,000 Tons.	1,000 Dollars
1913	—	—	61	1,950	122	882	1,197	315,231
1914.	1	9	60	3,202	181	1,408	1,088	222,811
1915.	11	1,611	139	4,635	229	2,613	1,429	253,304
1916.	41	7,295	124	11,625	503	7,121	1,193	218,361
1917.	106	13,419	363	51,193	532	14,668	909	220,977

The development of Brazil's production is reflected not only in the increased volume of goods exported during the last four years, but also in the greater consumption of home-made goods within the country. This is one of the reasons for the decrease in the volume of imports.

Furthermore, the Government has not hesitated to come to the aid of private initiative. Very recently, for example, special privileges have been granted to industries for the manufacture of caustic soda, iron and steel, and coal mining enterprises. These decrees we have thought wise to transcribe in this volume, as being of possible interest to American capitalists.

Our factories have undergone a prodigious development since 1914. In some cases we are impelled to find foreign markets for our excess production, despite the fact that home consumption has been increased by reason both of improved economic conditions, and of the lack of foreign made goods in our market. An examination of the fiscal revenue receipts for the past four years will demonstrate the accuracy of the foregoing statement. A more spectacular proof is the Exposition of our textile fabrics which took place in Buenos Aires and Montevideo in the month of May, 1918.

That Brazil offers lucrative returns upon the capital invested in its industries is demonstrated by the fact that in every field of activity foreign capital is to be found and foreign and native efforts united.

It is the purpose of this book to indicate to American commercial and financial interests the things which Brazil requires for its development and to show what Brazil has to give in exchange for its requirements. As a practical method of demonstrating these facts, we shall compare our foreign trade of the year 1913 with that of 1917, with special reference to the three principal industrial countries, namely, the United States, Great Britain and

Germany, with which the bulk of our foreign trade in 1913 was transacted. Upon the declaration of war Germany, which figured in our statistics as one of the most important exporters to Brazil, ceased to supply us with goods. Those imports which appear as having entered from Germany during the years 1915 to 1917 were goods of German origin on board German steamers in neutral ports, from which they were forwarded to Brazil.

Our import statistics not only afford the American exporter the means of ascertaining what are our requirements as regards those products which we have ceased to import from Germany, but also of verifying the purchasing power of the different Brazilian Markets. They will also serve to indicate the possibilities for the further development of American trade in Brazil after the war. It may be said in this connection that this trade must be built up on solid and permanent foundations, if it is to be of mutual benefit to the countries.

The United States already enjoys preferential duties in our Customs Tariffs on certain articles, which offers an initial advantage for building up trade with Brazil. American manufacturers in need of certain raw materials will find in our export statistics a list of the products which Brazil exported prior to the outbreak of the War, and also those products which we have commenced to export since 1915.

Commerce between Brazil and the United States has shown a decided increase in value during the last four years, as will be seen by the following figures:

BRAZILIAN FOREIGN TRADE		
YEAR	VALUE IN 1,000 DOLLARS	
	Exports to U. S.	Imports from U. S.
1913	102.563	51.290
1914	93.965	31.282
1915	107.649	47.123
1916	125.631	76.871
1917	136.409	101.967

The volume of Brazil's exportation to the United States, which was over 389,543 metric tons., in 1913, increased to 1,049,885 tons. in 1917, or over 169%; and importation, which amounted, in 1913, to 868,707 tons, increased to 1,036,730 tons. in 1917, or 19%.

As regards value, the exportation from Brazil to the United States showed an increase of \$33,845,000 between the years 1913 and 1917, or 33%; while the importation of goods from the United States to Brazil during the same period showed an increase of \$57,677,000, or almost 100%. This is equivalent to saying that the average value of each ton of merchandise imported in the year 1917 was over 70% greater than in the year 1913 while the value of each ton of merchandise exported from Brazil to the United States decreased 12% in 1917 comparing with 1913.

As an addendum to the commercial information contained in this book, and in order that the reader may have a general idea of Brazil's economic situation, we attach statements showing the movement of the banks of Brazil, and the volume of shipping in Brazilian ports.

There are also appended copies of recent Decrees of the Brazilian Government encouraging the development in the country of such industries as caustic soda, iron and steel, and coalmining, and, in addition, the dispositions of the Brazilian Tariff Law for the protection of rubber of Brazilian origin.

In order that the American exporter may understand the method of collecting Customs duties in Brazil, a few detailed examples are given. A specimen Consular invoice is also shown; and further information of a general nature is given regarding methods and practices in the Brazilian market.

All statistics given in this volume are from official compilations, and values are computed in USG dollars at the average Brazilian exchange rates for the years in question.

Rio de Janeiro, June 1918.

Léo de Affonseca Junior,

Director of the Commercial Statistical Department of
the Ministry of Finance.

PRACTICAL SUGGESTION TO EXPORTERS

If American exporters to Brazil suffer by contrast with their rivals in other countries, this is due chiefly to the recent entry of the United States into the field of international Trade. An imperfect acquaintance with Brazilian business houses, commercial traditions and customs, as well as with the more general conditions, tastes and preferences of the Brazilian people are at the bottom of the major part of the misunderstanding which has arisen in the past.

Another factor, less important *per se* than for the effect which it has had in creating a general impression, are the inevitable cases of abused confidence arising from attempts of unscrupulous exporters to exploit a distant market, or of similar importers to take advantage of conditions unknown to their suppliers on the other side.

The proof of the truth of the above statements is the well known fact that American houses of high standing which have had sustained relations with Brazilian houses of the same class, are at no disadvantage as compared with their rivals.

The important factors in foreign trade are the *price* and *quality* of the goods; *tastes* and *preferences* of the foreign market; and the *terms of payment*. It is probably true that the American exporter is disposed to place greater emphasis on the price and quality of his goods as his strong selling points than to make concessions to the preferences of his customers or the terms of payment most agreeable and usual in Brazil.

It should be carefully noted, however, that the last two factors often outweigh the others in the Brazilian importer's mind, when he is making a decision between competitors. The tastes of the Brazilian market is a matter to be studied in detail in the case of each commodity, and general statements cannot be made.

Regarding the last factor, Terms of payment, it may be worth while to point out certain facts pertaining to trade with Brazil.

The important variations in practice between American exporters and certain European rivals have to do with credit terms, the disposition of documents, and adjustment of claims.

Credit, when extended to Brazilian houses by American exporters is usually on a basis of 60 to 90 days sight draft, or 120 days date draft, and these terms are generally satisfactory.

The American exporter, however, has been much more reluctant to grant credit than were his European competitors, especially the Germans. The latter, on a basis of intimate acquaintance with the market, would accept a very much lower rating than American houses care to do. With the

coming of American banks to Brazil in recent years, the handicap of insufficient information no longer exists, and the most reliable and accurate information is now available regarding all important firms of Brazil.

Furthermore, a large part of European business with Brazil before the war was done on open account, usually with a limit of six months, which was even extended to one year in the case of some articles, such as textiles, pianos and machinery. In one Brazilian center it is said that quite one half of Germany's business was done on this basis. American exporters do comparatively little business on open account as yet.

The primary consideration with Brazilian houses in asking for credit is the length of time necessary to inspect and clear the goods from the Custom House. This may require from 30 to 60 days after the arrival of the goods in Rio. Rarely do Brazilian houses ask for a longer time than is necessary for clearance and arranging the goods in stock, but credit for this period is considered indispensable, and general it will be difficult to build up business on any other basis.

The following quotation from a report by an American Consul reveals another side of the credit situation in Brazil:

«Brazilian houses which do an immense business and have no need to solicit credit still continue to do so out of force of habit. It is a custom inherited from the past. While the practice of American exporters of arranging their export price lists to permit a graduated series of discounts, varying with the length of the credit term, is unquestionably beginning to influence many Brazilian importers to meet their terms, the old conservative practice is deeply rooted.»

Another point upon which many Brazilian houses are sensitive is the disposition made of documents. European houses make a practice of sending them direct to the customer, and not attaching them to the draft. The importer usually insists on seeing the goods before accepting the draft, and provision for this should be made by the exporter, either by authorization or by sending documents direct to the purchaser.

Interest rates for the period of the draft are usually included in the price rather than collected direct.

Commercial letters of credit, as provided for by the American banks, are becoming increasingly popular with the large Brazilian merchants as a means of financing imports whenever sufficient inducements are offered by the American exporter.

Finally, emphasis should be laid upon the exact compliance with instructions given to the exporter by the Brazilian importer regarding measurements, weights, quality, packing and invoices. Upon the exporter's faithful attention to these particulars often depends the saleability of the goods in Brazil, and a large percent of the complaints registered against American business has to do with this point. Articles "just as good", or even better than those ordered, and which the domestic buyer in the United States would be glad to have sent him without the delay of correspondence, are likely to be entirely useless in Brazil.

BRAZIL

Brazil covers an area of 3,275,510 square miles and ranks as the fourth largest country in the world, only after China, the United States and Canada.

It is larger than the United States, not including Alaska, and slightly larger than the greater part of Europe lying east of France.

Among the countries of South America, Brazil ranks, in size *facile princeps*, occupying 33 % of the whole area of the continent.

Brazil measures 2,691 miles from north to south, and has a seacoast on the Atlantic of 4,060 miles.

The Brazilian nation, according to the Constitution adopted by the National Congress in February 24th, 1891, is constituted as the United States of Brazil comprising 20 States and one Federal District., and one Territory, the Acre, acquired in 1903, by the Bolivian treaty.

Each State administers its own expenditures without interference from the Federal Government. The Federal Government takes charge of the national defense, public order and federal laws. Fiscal arrangements as to import duties, stamps, rate of postage and bank-note circulation also belong to the Federal Government. Export duties are the property of the various States.

CLIMATE

Brazil is situated in the Southern Hemisphere, and may be divided into three meteorological zones :

First:— The Tropical Zone which embraces the northern part of the country from 2° N. to 10° S. and is comprised of the States of Amazonas, Pará, Maranhão, Piauí, Ceará, Rio Grande do Norte, Paraíba, Pernambuco, Alagoas, a small portion of Goyaz, Matto Grosso and Bahia. This zone has a mean of temperature of 77° F.

Second:— The Subtropical Zone embracing that part of the country from the 10° to the 23° S., and comprises the States of Sergipe, Bahia, Goyaz, Espírito Santo, Rio de Janeiro, Minas Geraes, Federal District, almost the whole of Matto-Grosso and the Western part of São Paulo, the mean temperature of which is 75° F.

Third:— The Temperate Zone extends from the Tropic of Capricorn to the Southern boundaries, and also comprises the Southern part of the

State of São Paulo and the States of Paraná, Santa Catharina and Rio Grande do Sul, the mean of temperature of which is 63° F.

In this vast area of Brazil every kind of climate is found, because there are no extremes of either heat or cold.

AREA AND POPULATION

STATES	AREA — Square Miles.	POPULATION	
		Census. — 1900	Estimated. — 1917
1 Alagoas.	22.577	649.273	946.617
2 Amazonas	731.363	249.756	459.309
3 Bahia	164.601	2.117.956	3.013.007
4 Ceará	40.241	849.127	1.291.574
5 Federal District	431	691.565	908.819
6 Espirito Santo.	17.308	209.783	434.512
7 Goyaz	288.462	255.284	487.646
8 Maranhão	177.515	499.308	748.971
9 Matto-Grosso	532.210	118.025	215.807
10 Minas Geraes	221.894	3.594.471	5.064.858
11 Pará	443.789	415.356	922.622
12 Parahyba	28.846	490.784	682.350
13 Paraná.	93.269	327.136	661.251
14 Pernambuco	49.560	1.178.150	1.827.072
15 Piauhv	116.494	334.328	483.094
16 Rio de Janeiro.	26.627	926.035	1.446.193
17 Rio Grande do Norte.	22.189	274.317	473.659
18 Rio Grande do Sul	91.310	1.149.070	1.852.207
19 Santa Catharina	20.785	320.289	526.404
20 São Paulo	112.278	2.282.279	4.466.196
21 Sergipe.	15.089	356.264	462.757
22 Acre Territory	58.672	—	98.654
Total Brazil.	3.275.510	17.318.556	27.473.579

PRINCIPAL CITIES

ESTIMATED POPULATION IN DECEMBER 31, 1912

Cities containing over 50,000 inhabitants

Rio de Janeiro (Capital of Brazil)	975,818	Manáos	80,931
São Paulo	400,000	Nictheroy	86,726
Bahia	348,130	Fortaleza	70,000
Pernambuco	216,484	Macció	68,000
Belém do Pará	275,167	Curityba	65,000
Porto Alegre	150,343	São Luiz	57,709

VALUE OF CURRENT BRAZILIAN COIN AND CURRENCY

UNIT — 1 REAL (PLURAL REIS)

Coinage

Bronze — 20 and 40 reis.

Nickel — 100, 200 and 400 reis.

Silver — 500, 1,000 and 2,000 reis.

1,000 reis is expressed 1\$000 and is called 1 mil reis.

1:000\$000 reis is called a conto of reis.

	Grams.	Fine.	Value in Dollars.
Gold Piece: { 20\$000	17.929	917	{ 10.92 5.46 2.73
{ 10\$000	8.965		
{ 5\$000	4.482		

American equivalents of Brazilian inconvertible paper money and silver coin at the rate of exchange for 1917.

	Equivalent in dollars
Notes (currency): { 1\$000 (one mil reis)	\$0.26
{ 5\$000 (five mil reis)	\$1.30
{ 10\$000 (ten mil reis)	\$2.60
{ 100\$000 (one hundred mil reis)	\$26.00
{ 1:000\$000 (one conto of reis)	\$260.00

At the end of December, 1917, the total circulation of paper money in Brazil amounted to 1.389 thousand contos of reis, equivalent to 361,247,891 dollars.

FINANCE

The principal items of revenue and expenditure for 1918 were estimated as follows in 1,000 dollars american gold

REVENUE

Sources of revenue :	1,000 Dollars.
Customs	48,218
Consumption Due	31,591
Stamps	9,579

XII

Industrial revenue:

Post Office	2.600	
Telegraphs	2.910	
Central Railway	16.250	
Other Railways.	2.396	
Charter of S. S. of Lloyd Brasileiro	21.375	
Other industrial revenue	1.350	46.881
		<hr/>
Income tax.		3.699
Real State		271
10% export dues of Acre Territory		1.560
Other revenue.		421
Extraordinary revenue		35.590
		<hr/>
Total		177.810
Deduct 5% earmarked for Guarantee Fund.		3.168
		<hr/>
Total		174.642
Revenue with special application.		16.872
		<hr/>
Total revenue		<u>191.514</u>

EXPENDITURE

Branches of Expenditure:

Ministry of Finance	61.594
» » Communications and Public Works.	55.062
» » War	19.424
» » Interior and Justice	12.667
» » Marine.	11.631
» » Agriculture and Commerce	5.267
» » Foreign Affairs.	1.771
	<hr/>
Total Expenditure	<u>167.416</u>

Revenue and expenditure including credit operations for the two last years, are as follows :

Years	Dollars	
	Revenue	Expenditure
1916	205.065.000	187.917.000
1917	242.292.000	214.223.000

The consolidated foreign debt of Brazil on December 31, 1917, amounted to 561.078.242 dollars.

XIII

FINANCE

States Revenue and External Debt

STATES	REVENUE	EXTERNAL DEBT.
	Dollars	
Alagoas.	1,052,315	2,430,000
Amazonas.	2,785,687	20,352,611
Bahia	6,606,725	23,823,670
Ceará	1,105,260	2,916,000
Espirito Santo	1,137,586	7,067,674
Goyaz	489,356	—
Maranhão.	1,094,600	3,499,200
Matto Grosso.	1,073,578	—
Minas Geraes.	8,984,165	36,802,350
Pará	2,918,253	14,722,398
Parahyba	688,480	—
Paraná.	1,797,138	14,580,000
Pernambuco	3,839,995	11,508,737
Piauhy.	341,900	—
Rio de Janeiro	4,441,486	14,507,100
Rio Grande do Norte	567,355	1,663,578
Rio Grande do Sul	5,411,303	—
Santa Catharina.	951,704	987,393
São Paulo.	20,604,485	82,447,659
Sergipe.	883,775	—
Total of the States	66,775,146	237,308,370
Federal District	10,667,416	20,278,450
GRAND TOTAL	77,442,562	257,586,820

TELEGRAPHS

The mileage of telegraph lines in Brazil is as follows:

In 1917	Miles of Line
Government property	24,640
Railways property	17,159
Submarine cables.	11,267
Total.	53,066

XIV

The extension of lines belonging to the Government has reached 45.157 miles of wire.

There are 680 telegraph offices in Brazil.

The number of telegraph messages forwarded through the Union telegraph lines, in 1917, is as follows:

Messages	4.061.639
Nº. of words	92.906.649

By wireless system:

Messages	20.937
Nº. of words	255.041

The revenue in 1917 was of 4.497.571 dollars and expenses amounted to 5.009.490.

Brazil has 33 wireless telegraph offices, 16 of which are the property of the Ministry of Communications and Public Works, 10 of the Ministry of Marine and 7 of the Ministry of War.

The various submarine cables connecting Brazil with foreign countries are:

WITH EUROPEAN COUNTRIES

The Western Telegraph Co. — Cape Verde to Pernambuco, two cables covering 4.322 miles.

Compagnie des Cables Sud Americain—Dakar to Fernando de Noronha (Pernambuco) 2.270 miles.

Deutsch Sudamerikanische T. A. C. — Monravia to Pernambuco 2.159 miles.

WITH NORTH AMERICA

Compagnie Française des Cables Télégraphiques — Cayenne to Pará 580 miles.

WITH THE RIVER PLATE

The Western Telegraph Co — Montevideo to Rio Grande, Santos and Rio de Janeiro 2.375 miles.

POST

There are 3.611 post-offices in Brazil having 8.206 employees in service.

The movement of correspondence in the Brazilian post-offices for the year 1917 was as follows:

		Number
Letters.	posted	165.574.299
	delivered	150.196.791
Printed Matter	posted	42.858.480
	delivered	33.486.133

Number and value of money orders issued and paid in the same year.

	Number	Value in dollars
Issued	277.420	9.020.917
Paid	273.005	9.315.622
	550.425	18.336.569

Revenues in 1917 amounted to 2.447.260 dollars and expenditures to 5.009.281.

RAILWAYS

The construction of the first railway in Brazil started in 1852, traffic having been opened in 1854.

The development of railway lines from 1854 up to present time is as follows:

Years	Miles
1854	9
1870	462
1880	2.412
1890	6.198
1900	9.519
1910	13.342
1913	15.375
1914	16.198
1915	16.561
1916	16.837
1917	17.159

According to the zones traversed by the Brazilian railways, the development of lines during the last 10 years has been as follows:

States	Miles		
	1907	1917	Increase
Amazonas, Goyaz and Matto Grosso	—	936	—
Pará, Maranhão, Piauby and Ceará	587	810	38,0 %
Rio Grande do Norte, Parahyba, Pernambuco, Alagoas, Sergipe and Bahia	2.053	2.380	16,0 %
Espirito Santo, Rio de Janeiro, Minas Geraes and São Paulo	7.069	10.083	42,6 %
Santa Catharina, Paraná and Rio Grande do Sul	1.404	2.950	110,0 %

The States which have the greatest railway mileage are: São Paulo with 4.080 miles; Minas Geraes 3.871 miles; Rio de Janeiro and Federal District 1.755 miles; Rio Grande do Sul 1.656 miles; and Bahia 1.010 miles, giving a total of 12.371 miles, equivalent to 72% of the railway mileage in Brazil.

Brazil is connected by railway lines with the Republics of Argentine and Uruguay.

The railways in Brazil are built by concession of Brazilian Government or concessions of the Governments of the the different States of Brazil.

	MILES			
	Governments Concession	States Concession	Total 1917	Total 1910
In traffic	12.839	4.320	17.159	13.342
Under construction	2.001	222	2.223	2.336
Under study	4.491	206	4.697	2.741
Total	19.331	4.748	24.079	18 419

The principal railway in Brazil, mileage considered, is the Central of Brazil Railway, a Government property. The total length of the line being 1.466 miles which connects the city of Rio de Janeiro with the States of São Paulo, Minas Geraes and Rio de Janeiro. The number of passengers carried, including suburban traffic, was 32.639.600 in 1917.

The tonnage of freight handled by Central during the same year was as follows: fast freight or express 110.000 tons, regular freight 2.278.000 tons and live-stock 530.000 head.

The Central revenue, in 1917, amounted to 14.507.000 dollars, the expenditures 19.142.000 dollars including new extensions.

The railway lines belonging to the State of São Paulo having a mileage of 4.080 miles, handled the following in 1916: Passengers 11.599.303; Live-stock 1.050.399 head; Express parcels 114.699 tons; Cargo 6.257.973 tons; Gross revenue 29.031.900 dollars; Expenditures 16.777.236 dollars; difference between revenue and expenditures 12.254.664 dollars.

SHIPPING AND NAVIGATION

According to Brazilian laws, the commercial coastwise navigation service is handled by Brazilian ships exclusively. The Government having taken in consideration the falling off in shipping due to the war, has permitted foreign ships, during the same, to participate in the commercial navigation service.

The Brazilian shipping at the end of 1917 was composed of 405 steamers and 54 sailing vessels of 100 tons upwards.

The gross tonnage of the steamers was 377.447 and the sailing vessels 17.920.

XVII

PRINCIPAL BRAZILIAN NAVIGATION COMPANIES

COMPANIES	NUMBER OF SHIPS	TONNAGE	
		Gross.	Net.
Lloyd Brasileiro	61	142,956	89,286
Lloyd Nacional.	11	27,628	17,430
Comp. Comercio e Navegação.	17	31,020	19,723
Companhia Costeira.	23	34,299	20,383
Amazon River Steam	44	28,348	17,850
Sundries.	249	113,196	71,863
Total.	405	377,447	236,535

Brazil has taken over and registered all the German ships that were interned in Brazilian ports, at the outbreak of war, a total of 44 steamers with a gross tonnage of 223,490 and a net tonnage of 146,334 and one vessel of 2,066 gross tons. and 1,921 net.

Thirty of the above mentioned ships were ceded on lease to France, the gross tonnage of which amounted to 159,898, the net 100,813 tons.

Two of these with a gross tonnage of 7,832 tons and 4,913 tons net, have been torpedoed, the remainder been turned over to the Lloyd Brasileiro's commercial fleet.

The amount of merchandise handled by the Brazilian navigation companies in 1917 is as follows:

Companies.	Tons.	Freight in dollars
Lloyd Brasileiro	801,484	14,962,740
Lloyd Nacional	62,491	3,939,358
Companhia Costeira	341,863	5,166,989
Companhia Comercio e Navegação.	172,878	7,812,480
Amazon River Steam Navigation.	51,409	789,360
Other Companies.	160,632	1,003,860
Total	1,590,757	33,674,778

The amount of merchandise transported by the national ships is shown below:

	Tons.	Freight in dollars
Oversea navigation.	525,403	19,782,756
Coastwise »	947,267	12,357,013
Fluviatic. »	118,087	1,535,007
Total	1,590,757	33,674,778

After the outbreak of the war, the Brazilian ships started sailing for European ports and the number of those sailing to the United States was greatly increased.

XVIII

INDUSTRY

There are a large number of Brazilian industries in flourishing condition. The most important of these, at present, is that of cotton weaving, which has developed considerably in the last ten years as can be seen by the following figures, furnished by the «Centro Industrial do Brasil»:

	1905	1915	Increase
Nº of Mills	110	240	118 %
» » Looms	26.420	51.420	93 %
» » Spindles	734.928	1.512.626	105 %
Capital (dollars)	\$ 50.364.080	\$ 104.741.000	108 %
Value of production	\$ 31.471.144	\$ 71.644.560	127 %
Quantity produce.— Meters	242.087.181	470.783.355	94 %
Motion power — H. P.	31.718	94.562	198 %

The importance of certain industries in Brazil, can be determined by the following table which shows what they produced in 1916:

Industries	Unit	Production
Textiles	Metre	572.592.000
Boots and shoes	Pair	16.554.000
Beer	Litre	72.650.000
Unenumerated beverages	»	131.452.000
Matches	Box	605.051.000
Hats	One	4.451.000
Stockings	Pair	13.624.000
Shirts	One	2.667.000
Cigars.	»	93.902.963
Cigarettes	Packet	257.619.994
Perfumery	Bottle	20.037.490

The products of the above mentioned industries are subject to consumption tax.

There are other industries in Brazil that are free from the tax, the figures of which production are not yet available.

The value of the production of all Brazilian industries is estimated at 550.800.000 dollars annually.

CATTLE

Statistics of cattle according to figures published in official reports, show that there are 80.202.060 head in Brazil.

This amount is subdivided into species. In the following map will be found detailed descriptions of the two Brazilian States in which the cattle industry has the largest development:

SPECIES	HEAD			
	STATE OF RIO GRANDE	STATE OF MINAS GERAES	OTHER STATES	TOTAL OF BRAZIL
Cattle	8.057.062	6.861.100	15.787.238	30.705.400
Horses.	1.195.613	1.744.100	4.349.977	7.289.690
Mules	315.077	779.170	2.113.693	3.207.940
Goats	121.128	516.740	9.410.702	10.048.570
Sheep	4.241.386	446.690	5.861.854	10.549.930
Swine	3.832.144	6.716.400	7.851.986	18.400.530
Total	17.762.410	17.064.200	45.375.450	80.202.060
Value in 1,000 dollars.	292.425	350.920	665.007	1.308.352

In November 1914 Brazil began the exportation of Chilled and Frozen Meats which has had an unlooked for development, as can be readily seen from the following figures:

EXPORTS OF CHILLED AND FROZEN MEATS

Years	Tons.	Value in dollars
1914	1	301
1915	8.514	1.514.116
1916	33.661	6.915.140
1917	66.452	15.423.000

The first two packing-houses, established in Brazil, were in the State of São Paulo, one with American capital, the other with Brazilian.

There are cold storage plants in the city of Rio de Janeiro with large capacities, belonging to the «Companhia do Caes do Porto». All the meat to be exported is held on the same until put aboard vessels.

The exportation of chilled and frozen meats in Rio de Janeiro is done by the «Companhia Brasileira e Britannica de Carnes» and by the «Brazilian Meat Co. Limited».

There are in course of construction, in some of the Brazilian States, several packing-houses, the most important ones being those in the cities of the States of Rio Grande do Sul and São Paulo, owned by the «Companhia Swift do Brazil» and the «Companhia Armour do Brazil».

The volume of the exportation of animal products have greatly increased, and that is due to the exportation of meats and of all its by-

products, the value having also increased 140% in 1917 over that of 1913 as shown by the following table:

EXPORTS OF ANIMAL PRODUCTS

Years	Tons.	Value in dollars
1913	60.479	18,835.000
1914	53.843	13,907.000
1915	83.821	25,287.000
1916	109.915	37,343.000
1917	157.577	56,320.000

AGRICULTURE

Owing to the many varieties of climate found in Brazil its soil is adapted to the cultivation of many products. In consequence of the existing scarcity of working men in proportion to its enormous territorial area the cultivation of the soil has been confined to the most remunerative products.

There are no complete statistics of the varied agricultural production in Brazil. We show below, however, figures which give the approximate output of some of the various products during 1917.

	Tons.
Maize	5,174.650
Coffee	846.480
Beans (Black).	357.600
Sugar	420.000
Rice.	295.600
Potatoes	180.000
Manioc	230.000
Hay (alfafa)	150.000
Cotton	97.400
Herva-matte	88.500
Cocoa	64.000
Tobacco.	45.000
Rubber	39.500
Wheat	90.000

During the last five years the exportation of agricultural products is as follows:

Years	Tons.	Value in dollars
1913	1,177.893	295,827.000
1914	1,057.727	209,873.000
1915	1,404.655	231,034.000
1916	1,234.770	226,914.000
1917	1,310.641	230,393.000

MINERALS

Brazil's wealth in minerals is extraordinary although a great number of its mines have not yet been exploit.

Brazil exports on a large scale manganese, monazite sand, silver, gold, diamonds, carbonates, crystals, mica and graphite.

The exportation of minerals during the last five years is as follows:

Years	Tons.	Value in dollars
1913	430.395	3.431.000
1914	487.487	3.964.000
1915	303.050	5.753.000
1916	514.504	10.393.000
1917	533.372	18.547.000

CAUSTIC SODA, IRON AND STEEL, AND COAL MINING INDUSTRY

In order to stimulate the manufacture of caustic soda, iron and steel and to encourage the mining industry in Brazil, the President has issued decrees conceding especial favors to enterprises undertaking such operations. These are as follows :

CAUSTIC SODA

Under date of March 16, 1918 the President of the Republic issued decree 12921 conceding special favors to the first three factories established in the country for the manufacture of caustic soda by the hydro-electric process.

To the first three factories established in the country for the manufacture of caustic soda after the date of this decree there will be granted to meet the expense of installation pecuniary aid in the nature of a loan up to 75% of the value of each factory. This loan will draw interest at the rate of 5% per annum and will be amortized in annual payments of equal value within the maximum period of 10 years from the date of the inauguration of the factory. Interest will be collected upon the sum actually delivered to the concessionaire and will be made at the same time as the annual amortization. The first of these amortizations will take place 60 days after the termination of the first year after the inauguration of the factory, and the remaining amortizations within 60 days after the end of each succeeding year.

In order to receive this aid the maximum value of the factory shall be equal to the sum of \$312.00 (1:200\$000) per ton of annual production. The aid granted to each factory shall not exceed \$520,000.00 (2.000:000\$000).

No aid shall be granted to any factory whose annual production is less than 500 tons.

IRON AND STEEL

By decree 12944 under date of March 30, 1918 the President of the Republic of Brazil grants favors in benefit of the iron and steel industry.

To enterprises at present manufacturing iron from ore in charcoal furnaces, and to such as, within three years from the present date, may install plants and begin the manufacture of iron and steel in charcoal, coke, electric or other furnaces, loans may be made up to the sum of the capital of installation, the respective plants being mortgaged to the Government.

In order to be granted such a loan the factory must show a minimum daily output of 20 tons; submit all plans specifications and processes employed, together with a detailed statement of outfit and materials employed; permit continuous fiscalization by the Brazilian Government; show that the plant is in good working order and conservation at the time of installation; and receive as employees a given number of apprentices to be named by the Minister of Agriculture, Industry and Commerce.

The loans shall be repaid during a maximum period of 12 years and shall draw interest at 5% annually. Such loans shall be effected only after due registration of the mortgage and will be amortized in 10 equal payments, including interest, to begin at the end of the second year after the date of the mortgage. The first amortization will be made within 60 days after the period stipulated in the paragraph above and the others within 60 days after the end of each succeeding year.

The payment of these amortizations may be made, in whole or in part, as Government may designate, in the products of the factory up to the maximum limit of one third of their production.

The capital value of the installation of each factory shall be estimated by three experts from the Ministry of Agriculture, Industry and Commerce in accordance with the documents presented by the interested parties and the examination of the installation and stock of the factory by the above mentioned experts.

Beginning from the present date all metal which the Government may require (pig iron, iron or steel) shall be acquired from the factories receiving such loans and from any others established in the country after the period of three years mentioned above, this material to be purchased at CIF. prices similar to imported material, plus the Custom House duties and other taxes.

The Government will arrange with the railway and steamships companies of the Union for minimum freight rates on pig iron, iron and steel produced in the national factories, as well as for apparatus, machinery and material for the upkeep of the factories and shall also arrange with railway and navigation companies which receive favors from the Union for a minimum freight rate on the aforementioned articles.

Beyond the advantages mentioned above the Government may also aid the development of the iron and steel industry by the construction of small branch railways necessary for the transportation of raw material and the products of these factories.

The loans established by this decree shall not exceed \$1,300,000.00 (5.000 contos of reis) for each factory, irrespective of the capital invested in its installation.

COAL MINING INDUSTRY

Decree 12.943 of March 30, 1918 provides certain favors in benefit of the mining and cleaning and coal.

To those enterprises now engaged in the mining of coal and whose present production exceeds 150 tons. per day, or those who within two years from the present date shall satisfy this condition and which clean or undertake to clean the coal for at least half of their production, loans shall be made at the judgment of the Ministry of Agriculture, Industry and Commerce up to the sum of one half of the capital of installation and of the value of the mineral property, such property with all the material being mortgaged to the Government.

In order to receive such loans it will be necessary for interested parties, to show, by documents and other proofs their need of this aid for the development of their production; that the installation machinery and apparatus shall be in a perfect state of conservation and in good working order; that requests for loans be accompanied by a chart of all installation, both under and above ground, apparatus for the washing and preparation of coal and by samples of both the natural and the prepared product; that these factories shall be subject to the fiscalization of the Government; and that they shall employ a certain number of apprentices, to be designated by the Minister of Agriculture, Industry and Commerce.

These loans shall be made for the maximum period of 12 years and will draw interest at the rate of 5 % annually. The Federal Government will employ for all its uses national coal to the extent that this can be done advantageously as regards both quality and price.

Minimum freight rates will be arranged on all railways and steamship lines belonging to the Government, both for the raw material used in the manufacture of coal and for the products of these factories.

The loans granted in accordance with this decree shall not exceed \$ 520,000.00 (2.000 contos of reis) for each enterprise, whatever may be the capital of installation.

A delay of more than three months in the payment of amortizations already matured, shall cause the rescision of the contract and the mine shall revert to the Government with all its holdings and privileges, independent of any judicial process and without recourse.

CUSTOMS TARIFF IN BRAZIL

Brazil's Customs Tariff establishes specific duties, that is, duties per unit or quantity for the greater part of the merchandise imported.

Goods which pay duty ad-valorem are comparatively few.

The Brazilian Tariff, at present in use, is that of the year 1900, having undergone modifications in accordance with the Budget of each subsequent year.

In the year 1900, one mil reis was equivalent, on an average, to \$ 0.25 American gold and this is the basis on which the official values are calculated in our Tariff.

The Customs duties fixed by the Tariff are at present paid in the following manner: 55% in Brazilian gold and 45% in Brazilian paper currency.

The Brazilian gold mil reis is equivalent to \$ 0.55 American gold. The Brazilian paper currency mil reis, at the average rate for the year 1917, is equivalent to \$ 0.26 American gold.

An example of how duties are collected:

Butter pays, according to the Tariff, 1\$500 (one mil five hundred reis) per kilo and the ratio is 50%, which means that the official value of one kilo of butter is, according to Brazil's Custom Tariff, 3\$000 (three mil reis). If 1,000 kilos of butter are imported, the duties payable would be Rs. 1:500\$ (one conto, five hundred mil reis), of which:

	Reis		Dollars		
Gold 55 % equals	825\$000	gold at	\$0.55	=	\$453.75
Paper 45 %c "	675\$000	paper at	\$0.26	=	\$175.50
					\$629.25

Converting this sum into paper currency, at the rate of \$ 0.26 to one mil reis, the duties actually paid, in this case, amount to 2:420\$ (two contos four hundred and twenty mil reis): an increase of 61% due to the premium on gold.

Were all the duties calculated in paper currency, the customs charges in the above case would correspond to only \$ 390.00 U S G at the average rate of exchange for 1917.

The amount of duties in gold is paid to the Custom House by means of Cheques issued by the Banco do Brazil and its branches, which Bank calculates the premium on gold at the average rate of exchange of the previous week. The importer pays the Bank in Brazilian paper currency.

Besides the Customs duties, goods imported are liable to the following taxes: 2% gold on the official value of the merchandise, collected for port improvements works.

In the case of butter as above, this tax would be 60\$ (sixty mil reis) in Brazilian gold or \$ 33.00 American gold. A statistical tax is collected at the rate of 10 reis (\$0.002) per package weighing up to 100 kilos and 5 reis (\$0.001) on each 100 kilos or fraction exceeding 100 kilos. Warehouse rent is charged at the rate of 1 % of the official value of the goods up to 30 days : up to 60 days 1.5 % per month ; up to 90 days 2 % per month ; and for a period over 90 days 3 % per month. For handling and hauling the goods 200 reis (\$0.052) per package up to 50 kilos is charged and 100 reis (\$0.026) for each exceeding 10 kilos. Foreign goods which are subject to an internal consumption tax pay this tax at the Brazilian Customs.

Ad-valorem duties are calculated on the basis of the cost of the goods at the port of shipment, plus freight, insurance and other expenses to the port of destination in Brazil.

A certain class of goods, the value of which is declared on the Consular Invoice as \$1,500.00 American gold, dutiable at 25 % ad-valorem, would have to pay \$375.00 American gold. For the payment of duties the \$1,500.00 American gold would be reduced to Brazilian currency at the rate of 12 pence per Brazilian mil reis, more or less \$0.25, which would be equal to 6:000\$ (six contos of reis), and the duties would be 1:500\$ (one conto, five hundred mil reis) which would be paid in the following manner :

	Reis	Dollars
Gold 55% equals	825\$000 gold	= \$453.75
Paper 45% "	675\$000 paper	= \$175.50
		<u>\$629.25</u>

Therefore on merchandise which costs \$1,500.00 American gold, duties amounting to \$629.25 would have to be paid, or 43 % of \$1,500.00, and not 25 %.

This increase in duties which correspondsto 73 % is due to the premium on gold and also to the exchange rate for conversion of foreign money into Brazilian money for the payment of « ad valorem » duties.

The articles and goods mentioned below, when manufactured in the United States and thereof imported, are granted the following rebates on import duties :

Wheat Flour.	30 %	
Scales	}	
Refrigerators.		
Cement		
Dried Fruit		
Condensed Milk.		
Typewriters.		
Manufactured rubber articles of art. 1033 of Customs Tariff.		}
School Furniture	20 %	
Windmills		
Pianos.		
Clocks.		
Roll-Top Desks		
Paints of art. 173 of Customs Tariff, excepting writing inks.		
Vernishes.		

There are Customs Tariffs of Brazil translated into English. Those best known are:

The Shipping World Year-Book 1918.—Edited by Major Jones—Effingham House—Arundel Street—Strand. W. B. London. Price 11 sh.

Kelly's Customs Tariffs of the World 1918.—(Kelly Publishing Co.) 70 Fifth Avenue, New York.

CONSULAR INVOICE

All goods exported to Brazil should be accompanied by a Consular Invoice, made out in quadruplicate by the exporter and handed to the Brazilian Consul for legalization. The Consul will then date and sign same, charging a fee of \$2.20. The original copy is then returned to the exporter who will forward it to the owner or consignee of the merchandise, in Brazil. The duplicate is forwarded by the Brazilian Consul to the Directory of the Commercial Statistical Department in Rio de Janeiro, to be used in compiling statistics of importation. The fourth copy is sent to the Custom House to which goods are destined, and the third copy remains on file at the Consulate.

The want of a Consular Invoice renders the owner or consignee of the merchandise in Brazil liable to a fine for an amount equal to the duties payable on each article, which would mean that double duties would have to be paid.

Every exporter should carefully fill out the Consular Invoice, so as to prevent the importer in Brazil from being liable to pay heavy fines.

If the exporter makes false declarations as to the cost of the merchandise, freight and other expenses to Brazil, he will render the importer liable to a fine which will be equal to the difference between the value declared by the importer and the value which may be fixed upon the goods by the Customs clerk.

If the exporter should make a false declaration in the Consular Invoice with reference to the class or kind of merchandise or with regard to weight, he will render the importer liable to fines.

The exporter should make a complete specification of each article with its commercial name, its application or substance from which it was made, declaring also the respective value and weight of each kind or quality of merchandise, it being forbidden to club together in a given weight or amount different kinds or classes of goods.

It is not permissible to make such declarations in the Consular Invoice as "fruits", «machinery», "unspecified chemical products" and other generic declarations, but each kind of fruit must be specified, such as for instance "Pears", "Apples", and in the case of machinery give its name and its application, specifying the commercial name of chemical products, etc., and declaring the weight and value against each kind of fruit, machinery or chemical products.

XXVIII

The value declared on the back of the Consular Invoice is the cost of the goods at port of shipment exclusive of freight, insurance and other expenses.

The value declared on the front page of the Consular Invoice is the cost of the merchandise plus freight, insurance and other expenses.

By the terms "country in which the merchandise was bought" (which declaration has to be made on the last column at the back of the Consular Invoice) is meant the name of the country where the importer in Brazil purchased the goods.

No Consular Invoice can be presented for legalization at the Consulate at a later date than that of arrival at the Brazilian port of destination of the steamer carrying the respective merchandise.

If by any chance such a Consular Invoice be presented at a posterior date as explained above and be inadvertently legalized by the Consul, this fact will not exempt the Consular Invoice from being considered null or void, and will render the importer liable to a heavy fine for want of Consular Invoice.

When an importer, after having legalized a Consular Invoice, finds that a mistake has been made in the filling out of same, or that any part of the merchandise mentioned on same has not been shipped, he should make out a fresh Consular Invoice, stating in writing to the Consul that the second Consular Invoice corrects or cancels the first, so that the Consul may in turn make this notation on the Consular Invoice.

PARCEL POST

The convention between Brazil and the United States signed in May 1911, established the parcel post service between the Post Offices of these two countries.

The maximum weight of each parcel is 6 kilos or 13 pounds.

Parcels weighing up to one pound pay 12 cents and each exceeding pound or fraction of a pound pays 12 cents.

The maximum dimension of a parcel either to or from these two countries will be 3 feet 6 inches (105 centimetres); when a parcel has a cylindrical form the length and the circumference combined must not exceed 6 feet (180 centimetres).

Parcels may contain business commodities and articles of all kinds, excepting letters, post-cards, manuscripts, poisonous stuffs, explosives, inflammables, live or dead animals and any stuffs subject to easy decomposition.

Attached to each parcel shall be forwarded to the Customs at destination a complete description of such parcel, made up by the remitter on a special form, with the indication of the address of the receiver, value, contents and date of delivery to the Post Office of country of origin and the signature and address of the remitter.

Goods forwarded by parcel post are subject to full customs duties at country of destination.

Parcels can be sent to Brazil through the Post Offices of Rio de Janeiro, Bahia, Pernambuco, Pará and S. Paulo.

PROTECTION TO BRAZILIAN RUBBER

All rubber articles imported pay only 5% of the duties determined by the Customs Tariff when they are manufactured with rubber of superior quality and when they are accompanied by a declaration from the manufacturers, duly authenticated by the respective Consular authority, guaranteeing that said articles are manufactured with Brazilian Rubber type «fine Pará», or when said articles have engraved on them the words «Pará Rubber Brazil» or a similar declaration in the language of the country of origin.

All Wires and Cables for the transmission of electric power when covered with rubber of superior quality, type «fine Pará», even if they are recovered with cotton, linen, silk or any other external coating, being accompanied by the declaration above mentioned and having an insulation of at least 2.300 Megohms, pay only 10% of the duties determined by the Tariff.

The air chambers and motor car tires when they do not fulfill such requirements shall pay 15% ad-valorem duties, exception being made of the solid rubber tires destined for cargo motor cars which in this case shall continue to pay 5% ad-valorem duties.

BRAZILIAN FOREIGN TRADE

EXPORTS AND IMPORTS

BY

Brazilian States and by Countries

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BRAZILIAN FOREIGN TRADE

Total values of Exports and Imports of merchandise, by Brazilian States

STATES EXPORTED FROM IMPORTED INTO	VALUE IN 1,000 DOLLARS (AMERICAN GOLD)									
	EXPORTS					IMPORTS				
	1913	1914	1915	1916	1917	1913	1914	1915	1916	1917
Amazonas . . .	25.393	13.839	16.118	18.756	18.369	6.931	3.378	2.938	4.397	3.639
Pará	24.211	17.204	17.531	19.141	20.440	13.944	6.151	5.643	8.777	8.751
Maranhão . . .	3.204	2.370	2.565	2.856	3.384	2.780	1.559	1.253	1.301	1.917
Piauí	32	—	—	—	—	536	258	168	193	282
Ceará	3.981	3.987	4.679	4.437	4.435	4.620	1.456	975	1.377	1.432
Rio Grande do Norte	2.012	1.091	334	315	487	1.126	672	297	326	259
Parahyba . . .	3.859	2.385	847	916	748	1.644	1.018	595	663	908
Pernambuco . .	6.340	6.198	5.683	6.171	11,313	19.580	13.839	9.990	11.977	16.877
Alagoas	1.530	1.410	1.735	953	907	3.405	2.201	1.932	2.149	2.196
Sergipe	64	25	—	—	—	844	483	126	131	131
Bahia	20.027	19.137	25.709	25.698	26.271	17.232	8.788	7.571	9.270	9.370
Espirito Santo .	6.503	4.443	5.769	5.518	4.836	1.216	600	273	161	189
Rio de Janeiro(*)	33.721	28.596	41,364	47.471	68.403	127.115	69.706	61.250	83.635	91.281
S. Paulo	158.850	106.230	117.029	113.181	108.140	88.435	41.699	39.351	52.166	58.756
Paraná	10.490	7.498	8.444	8.682	6.921	5.313	2.503	1.357	1.977	1.919
Santa Catharina	1.361	1.082	1.174	1.549	2.632	2.637	1.735	1.238	1.521	753
Rio Grande do Sul	9.715	5.392	8.922	11.894	22.381	27.155	15.126	10.622	12.513	13.833
Matto Grosso . .	1.750	1.244	1.295	1.838	2.390	1.816	1.195	612	676	753
Grand Total . .	318.093	227.463	262.201	274.406	305.260	326.429	172.397	146.229	196.195	216.317

(*) Federal District.

DATE	TIME	LOCATION	ACTIVITY	PERSONNEL	REMARKS
1954	0800	...	...	...	...
1954	0900	...	...	...	...
1954	1000	...	...	...	...
1954	1100	...	...	...	...
1954	1200	...	...	...	...
1954	1300	...	...	...	...
1954	1400	...	...	...	...
1954	1500	...	...	...	...
1954	1600	...	...	...	...
1954	1700	...	...	...	...
1954	1800	...	...	...	...
1954	1900	...	...	...	...
1954	2000	...	...	...	...
1954	2100	...	...	...	...
1954	2200	...	...	...	...
1954	2300	...	...	...	...
1954	0000	...	...	...	...

BRAZILIAN FOREIGN TRADE

Total values of Exports and Imports of merchandise, by countries

COUNTRIES EXPORTED TO IMPORTED FROM.	VALUE IN 1,000 DOLLARS (AMERICAN GOLD)									
	EXPORTS					IMPORTS				
	1913	1914	1915	1916	1917	1913	1914	1915	1916	1917
Germany . . .	41.514	20.938	—	—	—	57.044	23.768	2.180	87	235
Argentina . . .	15.087	10.979	13.105	16.411	27.327	21.291	16.518	23.230	27.591	23.225
Austria - Hun- gary	15.210	4.583	—	—	—	4.938	1.691	190	1	—
Belgium	8.095	3.429	—	—	—	16.680	4.722	252	230	103
Chile	873	442	721	749	799	405	381	98	57	1,032
Cuba	—	39	217	681	1,210	31	27	13	21	16
Denmark	731	1,480	5,919	2,044	787	572	371	644	1,112	395
Egypt	535	410	1,265	447	1,338	—	—	—	—	—
United States of America	102,563	93,965	107,649	125,631	133,409	51,230	31,282	47,123	76,871	101,957
France	38,813	18,341	29,307	43,121	40,259	31,940	13,183	7,230	10,291	8,734
United Kingdom	41,909	32,506	31,459	31,617	38,229	79,981	41,286	31,992	39,936	38,953
Spain and Can- aries	1,779	1,284	1,554	2,221	4,141	3,115	1,744	2,115	2,280	2,919
Netherlands . .	23,253	13,197	16,088	8,149	1,532	3,537	1,475	1,002	1,169	223
Italy	4,067	7,192	8,082	16,438	23,651	12,336	7,037	6,403	6,849	4,239
Japan	14	19	—	—	97	175	49	53	113	351
Mexico	—	—	—	—	—	123	351	699	1,265	919
Norway	432	1,616	7,744	1,473	1,413	3,432	2,820	2,414	2,001	1,770
Paraguay	97	42	—	12	1	357	192	325	204	317
Ports of United Kingdom (to order)	2,003	1,297	532	135	113	—	—	—	—	—
Portugal and Madeira	1,583	1,991	2,338	1,511	1,342	14,328	8,941	7,243	9,124	7,031
British posses- sions:										
Canada	161	98	6	15	—	1,331	851	1,198	1,332	1,170
British India .	—	—	—	—	—	2,689	1,860	2,716	3,182	4,713
New Zealand .	—	—	—	—	—	40	36	103	30	169
Cape of Good Hope	1,617	1,313	1,825	2,121	2,921	—	—	—	—	—
New Found- land	—	1	—	—	—	3,825	3,480	3,134	3,383	3,690
Other posses- sions	202	162	272	205	125	215	902	261	257	610
French posses- sions	1,083	527	672	555	381	—	—	—	18	31
Spanish posses- sions	30	21	16	40	34	—	—	—	—	1
Dutch posses- sions	—	—	—	—	—	—	—	—	150	42
Portuguese pos- sessions	51	35	105	38	303	—	—	—	38	14
Russia	358	94	—	—	363	370	199	60	77	69
Sweden	3,194	5,539	23,306	7,518	392	1,430	811	1,257	2,547	1,929
Switzerland . . .	—	—	—	2	—	3,814	2,152	1,557	2,490	1,714
Uruguay	7,351	5,072	8,894	13,136	21,972	7,047	2,616	2,155	2,919	4,181
Sundry Coun- tries	2,399	816	1,114	72	94	1,149	579	565	549	439
Grand Total . .	318,093	277,463	262,201	274,406	305,260	326,429	172,397	146,229	196,195	216,317

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	INITIALS
1911					
1912					
1913					
1914					
1915					
1916					
1917					
1918					
1919					
1920					
1921					
1922					
1923					
1924					
1925					
1926					
1927					
1928					
1929					
1930					
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BRAZILIAN
FOREIGN TRADE

Exports by Articles

**EXPORTS OF DOMESTIC MERCHANDISE, BY ARTICLES AND COUNTRIES OF DESTINATION
1913 AND 1917**

	MERCANDISE	COUNTRIES OF DESTINATION												TOTAL EXPORTS					
		UNITED STATES				UNITED KINGDOM				GERMANY				OTHER COUNTRIES				1913	1917
		1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	1913	1917						
1	Fertilizers		747														747		
			53														53		
1 ^a	Desiccated animals.																	2	
	<i>Live stock:</i>																	3	
3	Cattle																	3	
																	20,302		
4	Unenumerated		10			5	4										916	2	
			6		1	1	1										3,330	5	
																	47	1	
			10		4	5	4										24,051	8	
			6		1	1	1										956	2	
			42															82	
			1															3	
5	Scrap leather.																		
6	Whale oil.		32			531											933	32	
			2		34												59	2	
7	Lard		13				703										25	10,231	
			8				319										25	4,543	
9	Fish bladders.		3			26	19										33	22	
			2			15	11										21	13	

EXPORTS

YEARS 1913 AND 1917

	MERCANDISE	COUNTRIES OF DESTINATION												TOTAL EXPORTS					
		UNITED STATES				UNITED KINGDOM				GERMANY				OTHER COUNTRIES					
		1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	1913	1917		
63	Manganese (ore)	59,400	532,855	16,800	—	5,000	—	41,100	—	122,300	532,855	63							
		428	14,668	121	—	36	—	297	—	882	14,668								
69 b	Manufactures of iron	—	—	—	—	—	—	—	—	—	—	69 b							
		—	—	—	—	—	—	—	—	—	—								
69 c	Manufactures of glass	—	—	—	—	—	—	—	—	—	—	69 c							
		—	—	—	—	—	—	—	—	—	—								
70	Scrap metal	41	313	317	300	617	—	4,350	167	5,331	735	70							
		3	174	66	81	126	—	11	16	226	271								
71	Mica	—	82	6	2	4	—	—	13	10	97	71							
		—	111	7	5	1	—	—	11	8	130								
72	Minerals unenumerated	—	—	—	—	93	—	—	—	93	—	73							
		—	1	—	—	3	—	—	—	3	—								
72 a	Ores: Lead	—	4	—	—	—	—	—	—	—	—	72 a							
		—	3	—	—	—	—	—	—	—	—								
76	Unenumerated	—	—	—	—	10	—	—	—	10	—	76							
		—	—	—	—	1	—	—	—	1	—								
	Total ores	—	4	—	—	10	—	—	—	10	—								
		—	3	—	—	1	—	—	—	1	—								
77	Mineral oil	—	—	—	—	—	—	—	—	—	—	77							
		—	—	—	—	—	—	—	—	—	—								

131	Carnauba wax	Tons	941	2,123	637	1,363	1,710	—	520	178	3,867	3,639	131
		Value	515	4,252	355	788	970	—	287	116	2,136	2,156	
132	Beer	Tons	—	—	—	—	—	—	27	66	27	66	132
		Value	—	—	—	—	—	—	10	16	10	16	
133	Straw hats	Tons	—	1	—	—	—	—	—	1	—	2	133
		Value	—	1	—	—	—	—	—	1	—	2	
134	Cigars	Tons	—	—	—	—	7	—	8	45	45	45	134
		Value	—	—	—	—	18	—	20	56	38	56	
135	Cigarettes	Tons	—	—	—	1	—	—	1	21	1	22	135
		Value	—	—	—	2	—	—	2	24	2	26	
138	Vegetable bristles	Tons	—	—	—	—	—	—	—	41	—	44	138
		Value	—	—	—	—	—	—	—	3	—	3	
	<i>Jams and jellies:</i>												
140	Guava jam	Tons	—	—	—	—	—	—	41	28	41	28	140
		Value	—	—	—	—	—	—	14	10	14	10	
141	Unenumerated	Tons	—	—	—	—	6	—	57	130	63	130	141
		Value	—	—	—	—	1	—	18	37	19	37	
	Total jams and jellies	Tons	—	—	—	—	6	—	111	158	107	158	
		Value	—	—	—	—	1	—	32	47	35	47	
141 a	Sleepers	Tons	—	5	—	—	—	—	—	—	—	5	141 a
		Value	—	2	—	—	—	—	—	—	—	2	
142	Axles for small carts	Tons	—	—	—	—	—	—	26	—	26	—	142
		Value	—	—	—	—	—	—	1	—	1	—	
146	Waste	Tons	—	—	—	—	—	—	26	535	26	535	146
		Value	—	—	—	—	—	—	3	132	3	132	
146 a	Tanning material	Tons	—	—	—	—	—	—	—	51	—	51	146 a
		Value	—	—	—	—	—	—	—	22	—	22	
147	Brass all kinds	Tons	—	—	2,140	5,629	42,033	—	9,745	93	51,827	5,725	147
		Value	—	—	62	139	1,208	—	304	2	1,674	1,674	

(*) Weight in metric tons.
 (**) Value \$ 1,000 U. S. G.

1918-1919 U. S. C. A. T. 1919

		<i>Leaves, roots and resins, medicinal:</i>												
153	Guaraná	Tons	5									4	9	153
		Value	10									6	16	
153 a	Ipecacuanha	Tons	9			38						24	31	153 a
		Value	29			173						113	84	
153 b	Jabotá resins	Tons				6								153 b
		Value				1								
153 c	Unenumerated	Tons	18			62						25	253	153 c
		Value	3			9						34	77	
	Total leaves, roots and resins, medicinal	Tons	32	2	106		200					39	289	181
		Value	42	30	183		59					68	161	348
		<i>Fruits and nuts:</i>												
155	Pineapples	Tons		13			2					451	460	155
		Value		5			1					26	32	
156	Bananas	Tons										20,535	23,308	156
		Value										487	752	
157	Brazil nuts	Tons	1,799	2,025	2,277	279						10	4,113	157
		Value	360	378	331	58						2	798	
158	Coco nuts.	Tons										113	118	158
		Value										10	10	
160	Oranges	Tons										130	130	160
		Value										6	6	
161	Mandarines	Tons										92	92	161
		Value										5	5	
162	Unenumerated	Tons		8								24	32	162
		Value		2								2	4	
	Total fruits	Tons	1,799	2,046	2,277	281						29,124	33,250	38,636
		Value	360	385	331	59						803	1,607	2,410

(*) Weight in metric tons.
 (**) Value \$ 1,000 U. S. G.

EXPORTS

YEARS 1913 AND 1917

	MERCANDISE	COUNTRIES OF DESTINATION								TOTAL EXPORTS			
		UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917		
		1913	1917	1913	1917	1913	1917	1913	1917				
162 a	Oil producing seeds:												
	Castor seed	—	4,993	26	426	—	—	—	6	103	32	5,327	162 a
		—	574	2	41	—	—	—	—	17	2	632	
162 b	Ucuhuba	—	—	—	111	—	—	—	—	—	—	111	162 b
		—	—	—	12	—	—	—	—	—	—	12	
162 c	Cotton	514	276	43,316	22,603	389	—	—	—	—	49,779	25,832	162 c
		7	7	1,122	600	33	—	—	—	—	1,162	607	
162 d	Copra	—	—	—	—	—	—	—	—	16	—	16	162 d
		—	—	—	—	—	—	—	—	6	—	6	
162 e	Cumará beans	6	4	14	4	11	—	—	17	1	43	9	162 e
		5	1	10	—	8	—	—	12	1	35	4	
162 f	Palm nuts (Babassú)	—	—	—	1,332	93	—	—	389	796	435	2,633	162 f
		—	—	—	166	4	—	—	15	241	19	407	
162 g	Unenumerated	—	—	—	15	—	—	—	—	185	—	200	162 g
		—	—	—	1	—	—	—	—	31	—	32	
	Total oil producing seeds	550	4,973	48,886	25,027	496	—	—	412	1,106	50,344	31,106	
		12	582	1,134	822	45	—	—	27	296	1,218	1,700	
163	Tobacco:												
	Cut	—	—	1	—	—	—	—	8	514	9	514	163
		—	—	3	—	—	—	—	5	365	8	365	
164	Twist	—	—	63	16	451	—	—	93	183	610	199	164
		—	—	17	5	120	—	—	23	67	160	72	

165	Leaf	Tons	7	203	39	151	24,019	—	5,059	24,833	29,124	25,232	165
		Value	2	62	41	37	6,484	—	1,364	5,028	7,861	5,727	
	Total tobacco	Tons	7	293	103	167	24,473	—	5,160	25,535	29,743	25,995	
		Value	2	62	31	42	6,604	—	1,392	6,060	8,029	6,164	
167	Mate (Brazilian tea)	Tons	27	31	—	—	51	—	65,705	65,400	65,843	65,431	167.
		Value	5	4	—	—	10	—	11,512	8,695	11,527	8,699	
170 a	Lentil	Tons	—	412	—	5	—	—	—	130	—	297	170 a.
		Value	—	23	—	1	—	—	—	38	—	62	
	<i>Timber:</i>												
171	Acapu	Tons	—	—	—	—	—	—	7	—	7	—	171
		Value	—	—	—	—	—	—	1	—	1	—	
172	Cedar	Tons	—	607	—	—	—	—	—	42	—	649	172
		Value	—	21	—	—	—	—	—	2	—	23	
174	Jacarandá (rosewood).	Tons	742	648	—	—	536	—	1,032	—	2,464	643	174
		Value	38	26	—	—	32	—	66	—	141	26	
175	Massaranduba	Tons	—	—	—	—	—	—	105	—	105	—	175
		Value	—	—	—	—	—	—	4	—	4	—	
176	Brazil wood	Tons	—	384	—	—	—	—	—	—	—	384	176
		Value	—	20	—	—	—	—	—	—	—	20	
177	Pino (aracaria).	Tons	—	—	—	—	—	—	11,983	45,713	11,983	45,713	177
		Value	—	—	—	—	—	—	270	1,024	270	1,024	
179	Sobastião de arruda	Tons	15	—	—	—	73	—	630	—	713	—	179
		Value	1	—	—	—	4	—	32	—	37	—	
180	Unenumerated	Tons	29	5,231	—	35	238	—	4,763	5,011	5,034	10,280	180
		Value	1	135	—	1	6	—	194	121	202	257	
	Total timber	Tons	786	6,873	128	35	897	—	18,500	50,766	20,311	57,614	
		Value	40	202	6	1	42	—	567	1,147	655	1,358	

(*) Weight in metric tons.
 (**) Value \$ 1,000 U. S. G.

	Tons	Value	Tons	Value	Tons	Value	Tons	Value	Tons	Value	Tons	Value	Tons	Value	Tons	Value	Tons	Value
133 Molasses	7	133	7	133	7	133	7	133	7	133	7	133	7	133	7	133	7	133
139 Pichois	1	130	1	130	1	130	1	130	1	130	1	130	1	130	1	130	1	130
140 Maize (India corn).	4	190	4	190	4	190	4	190	4	190	4	190	4	190	4	190	4	190
192 Manufactures of wood	5	102	5	102	5	102	5	102	5	102	5	102	5	102	5	102	5	102
Oils :																		
193 Cottonseed oil	7,753	193	7,753	193	7,753	193	7,753	193	7,753	193	7,753	193	7,753	193	7,753	193	7,753	193
193 a Palm oil	390	193 a	390	193 a	390	193 a	390	193 a	390	193 a	390	193 a	390	193 a	390	193 a	390	193 a
193 b Copahyba oil	1,111	193 b	1,111	193 b	1,111	193 b	1,111	193 b	1,111	193 b	1,111	193 b	1,111	193 b	1,111	193 b	1,111	193 b
193 c Castor oil	396	193 c	396	193 c	396	193 c	396	193 c	396	193 c	396	193 c	396	193 c	396	193 c	396	193 c
191 Vegetable oil, unenumerated	72	191	72	191	72	191	72	191	72	191	72	191	72	191	72	191	72	191
Total oils	10,272		10,272		10,272		10,272		10,272		10,272		10,272		10,272		10,272	
195 Paina (vegetable silk).	25	195	25	195	25	195	25	195	25	195	25	195	25	195	25	195	25	195
196 Plassava (libre).	1	196	1	196	1	196	1	196	1	196	1	196	1	196	1	196	1	196
198 Live plants	436	198	436	198	436	198	436	198	436	198	436	198	436	198	436	198	436	198
200 Cane sugar (rapadura)	51	200	51	200	51	200	51	200	51	200	51	200	51	200	51	200	51	200

(*) Weight in metric tons.
 (**) Value \$ 1,000 U. S. G.

REVISED 1910

EXPORTS

YEARS 1913 AND 1917

MERCHANDISE	COUNTRIES OF DESTINATION								TOTAL EXPORTS	
	UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917
	1913	1917	1913	1917	1913	1917	1913	1917		
	3,742	23,875	3,264	17,870	12,891	—	40,563	107,832	60,465	157,577
	59,811	534,519	17,132	635	7,193	—	46,253	1,453	130,395	538,372
	325,930	435,491	132,687	153,660	183,793	—	530,448	671,490	1,177,893	1,310,611
Total tons	389,543	1,049,885	153,083	172,225	208,888	—	617,239	782,840	1,368,753	2,004,590
	METRIC TONS.									
Class I — Animals and their products	3,423	16,856	1,027	6,130	3,890	—	10,439	33,384	18,835	56,320
» II — Minerals and their products	511	16,736	2,013	1,385	373	—	528	376	3,431	18,517
» III — Vegetables and their products	93,623	102,766	33,863	30,713	40,215	—	118,090	96,914	235,327	230,393
Total value	102,563	136,408	41,909	38,228	44,514	—	129,107	130,624	318,093	305,260
	1,000 DOLLARS (U. S. G.)									



BRAZILIAN
FOREIGN TRADE

Imports by Articles

6	Horses and mares.	2	—	133	95	—	—	303	60	443	156	6
7	Mules.	2	—	—	—	—	—	12	1	14	1	7
9	Goats.	—	—	—	—	—	—	1	—	1	—	9
11	Sheep and lambs.	—	—	5	—	6	—	259	55	270	56	11
13	Swine.	1	2	5	1	—	—	1	11	7	14	13
15	Cattle.	1	9	47	2	10	—	755	95	814	106	15
16	Live stock unenumerated.	1	1	9	1	2	—	111	8	123	40	13
	Total value	17	13	212	101	25	—	1,480	257	1,734	371	
CLASS II												
Raw materials and articles for use in arts and industries												
COTTON												
17	Yarn.	16	44	753	491	360	—	412	73	1,541	603	17
18	Sewing thread.	5	44	1,219	552	70	—	55	11	1,350	530	18
19	Washed and combed.	1	171	31	9	8	—	49	9	53	189	19
20	Twisted.	1	6	11	8	3	—	35	13	50	27	20
21	Waste.	27	453	314	49	77	—	83	369	501	570	21
	Total quantity	50	387	2,328	1,109	518	—	605	478	3,501	1,974	
COTTON												
17	Yarn.	11	119	505	831	300	—	233	126	1,102	1,079	17
18	Sewing thread.	8	53	1,815	1,765	78	—	63	39	1,969	1,800	18
19	Washed and combed.	1	97	14	5	2	—	4	3	21	105	19
20	Twisted.	1	7	7	7	2	—	22	13	32	32	20
21	Waste.	5	61	51	42	42	—	13	85	84	153	21
	Total value	29	340	2,395	2,623	394	—	390	271	3,208	3,234	

IMPORTS

YEARS 1913 AND 1917

MERCANDISE	UNIT	COUNTRIES OF ORIGIN										TOTAL IMPORTS		
		UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES						
		1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	
COPPER AND ALLOYS														
31 a	Copper plates, ingots and bars	9	401	970	42	533	—	305	1	414	1,832	414	31 a	
32	Cast, moulded, filings, etc.	60	253	411	21	403	—	101	5	273	716	273	32	
	Total quantity	69	654	1,414	33	706	—	409	6	693	2,598	693		
COPPER AND ALLOYS														
31 a	Copper plates, ingots and bars	2	433	416	10	230	—	93	—	413	791	413	31 a	
32	Cast, moulded, filings, etc.	31	212	207	16	36	—	55	5	243	320	243	32	
	Total value	33	680	623	26	316	—	148	5	711	1,120	711		
ANIMAL RESIDUES														
33	Whalebone, crude or prepared	—	—	—	—	1	—	3	—	—	4	—	33	
34	Wax, crude or prepared	3	6	5	2	6	—	2	1	9	16	9	34	
35	Glue and gelatine.	5	21	15	31	237	—	241	13	451	73	73	35	
36	Spermaceti and stearine.	—	6	5	3	—	—	107	3	112	12	12	36	
37	Guano and other animal manures	—	—	—	—	—	—	10	—	10	10	—	37	
38	Animal oils for industrial use	—	—	4	—	—	—	2	3	6	—	3	38	

33	Tallow and grease	41	30	88	41	71	331	260	501	310	33
40	Unenumerated	1	8	6	—	5	133	11	195	41	40
	Total quantity	20	75	123	50	370	782	296	1,295	421	
	ANIMAL RESIDUES										
33	Whalebone, crude or prepared	—	—	—	—	1	3	—	4	—	33
34	Wax, crude or prepared	2	2	3	2	4	2	—	11	4	31
35	Glue and gelatine	2	17	3	12	83	66	19	157	43	35
36	Spermaceti and stearine	—	3	2	2	—	30	1	32	6	36
37	Guano and other animal manures	—	—	—	—	—	1	—	1	—	37
38	Animal oils for industrial use	—	—	1	—	—	—	1	1	1	38
39	Tallow and grease	2	9	11	3	0	62	95	87	107	39
40	Unenumerated	6	10	1	2	4	75	20	86	32	40
	Total value	12	41	24	21	104	239	136	379	198	
	IRON AND STEEL										
41	Steel bar and rod	805	1,737	3,451	230	885	2,073	57	7,203	2,031	41
42	Steel plates	433	611	1,713	92	63	732	21	2,937	727	42
43	Iron, bar and rod	1,866	6,403	6,750	1,507	15,921	13,017	330	40,557	8,303	43
44	Iron, plates and sheet	833	5,235	1,770	70	4,309	2,433	271	9,133	5,633	44
45	Iron, cast, pig, puddled and flings	1,336	1,551	17,077	10	337	33	1	13,623	1,572	45
	Total quantity	5,343	15,760	31,611	1,909	21,504	21,357	653	79,815	18,322	
	IRON AND STEEL										
41	Steel bar and rod	55	321	336	55	71	230	17	732	307	41
42	Steel plates	30	413	403	42	4	51	12	191	112	42
43	Iron, bar and rod	88	933	431	173	670	671	57	1,850	1,137	43
44	Iron, plates and sheet	40	935	137	17	219	127	52	532	1,031	44
45	Iron, cast, pig, puddled and flings	25	97	493	1	0	7	—	537	93	45
	Total value	247	2,496	1,466	264	973	1,136	138	3,842	2,693	

IMPORTS

YEARS 1913 AND 1917

MERCANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS		
		UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917	
		1913	1917	1913	1917	1913	1917	1913	1917			
JUTE												
46	Yarn	19	—	7,517	3,030	36	—	1,939	1	9,511	3,031	46
47	Crude	02	2	143	—	61	—	10,090	17,705	10,386	17,707	47
43	Oakum or waste	—	—	12	—	—	—	25	—	37	—	43
	Total quantity	111	2	7,702	3,030	97	—	12,054	17,706	19,964	20,738	
JUTE												
43	Yarn	3	—	1,699	1,174	8	—	375	—	2,085	1,174	43
47	Crude	16	1	20	—	10	—	1,559	4,511	1,605	4,512	47
43	Oakum or waste	—	—	2	—	—	—	6	—	8	—	43
	Total value	19	1	1,721	1,174	18	—	1,940	4,511	3,698	5,686	
WOOL												
49	Unprepared, combed, carbonised, dyed and raw	—	7	98	105	17	—	355	501	470	613	49
50	For embroidery	—	—	2	4	19	—	12	2	33	6	50
51	Yarn	—	3	327	430	81	—	1,301	12	1,712	475	51
52	Waste	8	17	207	90	—	—	24	261	239	371	52
	Total quantity	8	27	634	659	117	—	1,695	779	2,454	1,465	

WOOL																			
49	Unprepared, combed, carbonised, dyed and raw	\$ 1,000	—	6	60	235	14	—	193	025	240	303	49						
50	For embroidery	»	—	1	4	11	32	—	11	8	50	23	50						
51	Yarn	»	—	8	255	1,333	123	—	2,007	25	2,470	1,416	51						
52	Waste	»	—	13	52	86	—	—	4	07	53	106	53						
	Total value	»	2	28	372	1,718	169	—	2,281	725	2,024	2,471							
LINEN																			
53	Crude or prepared	Tons	—	22	7	—	4	—	61	8	07	14	53						
54	Yarn and thread	»	—	2	130	111	45	—	57	6	232	119	51						
	Total quantity	»	22	8	137	111	49	—	121	14	329	133							
LINEN																			
53	Crude or prepared	\$ 1,000	—	2	3	—	1	—	19	3	25	5	53						
51	Yarn and thread	»	—	6	123	213	31	—	30	11	193	239	51						
	Total value	»	3	8	126	213	35	—	57	17	221	238							
LUMBER AND TIMBER																			
55	Staves and hoops	Tons	23	179	755	162	695	—	463	624	1,011	935	55						
56	Cork and barks	»	—	—	4	—	99	—	203	917	312	917	56						
57	Sleepers	»	—	—	—	—	—	—	600	—	600	—	57						
59	Wood pulp for manufacture of paper	»	20	933	—	1	153	—	5,849	3,591	6,022	4,533	59						
60	Pine stumps, planks, boards, etc.	»	139,700	3,032	546	—	470	—	7,041	51	117,739	3,933	60						
61	Wood of all kinds, rough, sawed, planed and veneered	»	350	132	239	—	463	—	3,054	936	5,056	813	61						
62	Unclaimed for matches	»	—	—	—	—	210	—	7,663	—	7,873	—	62						
	Total quantity	»	140,102	5,231	1,594	183	2,099	—	25,852	5,822	169,638	11,216							

IMPORTS

YEARS 1913 AND 1917

MERCANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS		
		UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917	
		1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	
LUMBER AND TIMBER												
55	Staves and hoops	2	27	53	19	157	—	26	43	233	91	55
56	Cork and barks	—	—	1	—	41	—	23	270	40	270	56
57	Sleepers	—	—	—	—	—	—	11	—	11	—	57
59	Wood pulp for manufacture of paper	1	103	—	4	9	—	216	532	256	639	59
60	Pine stumps, planks, boards, etc.	3,204	130	21	—	20	—	213	3	3,493	142	60
61	Weed of all kinds, rough, sawed, planed and veneered.	43	21	33	—	32	—	323	13	411	36	61
62	Untrimmed for matches.	—	—	—	—	5	—	115	—	151	—	62
	Total value	3,220	293	113	23	234	—	1,033	865	4,600	1,181	
SUBSTANCES FOR THE MANUFACTURE OF PERFUMERY, DYES, PAINTS, ETC.												
63	White lead	—	75	30	29	80	—	51	1	123	105	63
64	White zinc paints.	5	1,308	200	362	351	—	2,763	230	3,333	1,907	61
66	Aniline or fuchsina dyes.	—	111	16	39	305	41	20	26	431	220	63
67	Artificial essences of all kinds, unenumerated oils, essences, etc.	—	6	1	3	11	—	11	10	26	19	67
68	Indigo and ultramarine blue	—	12	103	335	166	2	92	83	361	432	63
69	Linseed oil	11	761	4,233	932	397	—	152	1,013	4,843	2,735	69
70	Soda ash or potash	16	4,906	6,861	3,426	113	—	55	116	7,073	8,473	70
71	Turpentine	925	832	30	5	6	—	14	11	931	901	71
72	Dry paints	7	133	713	315	935	—	750	34	2,405	512	72

73	Red lead or minium	Tons	6	431	332	103	130	—	37	6	525	295	73
74	Unenumerated	"	40	417	63	13	263	—	230	206	631	720	71
	Total quantity	"	900	9,823	12,670	5,680	2,913	43	4,237	1,837	20,800	16,363	
SUBSTANCES FOR THE MANUFACTURE OF PERFUMERY, DYES, PAINTS, ETC.													
63	White lead	\$ 1,000	1	24	5	8	4	—	6	1	40	33	63
64	White zinc paints	"	—	515	29	113	40	—	401	100	470	733	61
65	Anilino or fuchsina dyes	"	—	531	13	95	513	201	36	125	572	952	66
67	Artificial essences of all kinds, unenumerated oils, essences, etc.	"	2	33	5	22	73	—	62	97	117	152	67
68	Indigo and ultramarine blues	"	—	4	30	172	38	11	22	42	00	229	63
69	Linseed oil	"	2	311	720	325	69	—	30	353	830	935	62
70	Soda ash or potash	"	1	633	237	265	9	—	8	21	250	975	70
71	Turpentine	"	197	232	7	2	1	—	4	4	170	233	71
72	Dry paints	"	1	200	93	92	153	—	93	13	313	312	72
73	Red lead or minium	"	1	56	39	30	21	—	7	2	63	83	73
74	Unenumerated	"	11	959	11	25	130	—	33	120	205	1,115	74
	Total value	"	169	3,516	1,209	1,162	1,070	212	707	890	3,175	5,810	
METALLOIDS AND OTHER METALS													
75	Aluminium bar, sheet and wire	Tons	1	44	24	—	13	—	3	—	41	11	75
76	Antimony, arsenic, bismuth, potassium and sodium	"	—	410	35	1	119	—	27	10	211	258	76
77	Sulphur	"	12	4,033	113	13	75	—	1,797	738	2,002	2,739	77
78	Mercury or quick-liver	"	—	—	—	—	1	—	3	1	4	1	73
79	Nickel in cubes and sheets	"	2	4	—	1	2	—	1	—	5	5	79
80	Unenumerated	"	1	6	23	5	7	—	4	—	35	11	80
	Total quantity	"	16	2,067	200	151	250	—	1,835	804	2,301	3,022	
METALLOIDS AND OTHER METALS													
75	Aluminium bar, sheet and wire	\$ 1,000	1	21	15	—	14	—	1	—	31	21	75
76	Antimony, arsenic, bismuth, potassium and sodium	"	—	51	6	73	20	—	5	4	31	133	76

IMPORTS

YEARS 1913 AND 1917

	MERCHANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS		
			UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917	
			1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	
77	Sulphur	\$ 1,000	1	219	9	2	5	—	73	93	83	319	77
73	Mercury or quicksilver	"	—	—	—	1	1	—	4	2	5	3	73
79	Nickel in cubes and sheets.	"	2	6	—	1	2	—	—	—	4	7	79
80	Unenumerated.	"	1	13	14	12	7	—	2	2	24	27	80
	Total value	"	5	310	44	94	49	—	85	106	183	510	
	GOLD, SILVER AND PLATINUM												
82	Gold leaf for gilding and dentistry	Kilograms.	2	20	19	—	20	—	33	52	74	72	82
83	Platinum in ingots, sheet and wire.	"	—	—	—	—	—	—	2	—	2	—	83
84	Bar silver	"	—	40	10,100	—	561	—	130	4	10,731	44	84
85	Silver-leaf for plating	"	—	2	—	—	—	—	—	17	—	13	85
	Total quantity	"	2	62	10,119	—	581	—	155	73	10,857	135	
	GOLD, SILVER AND PLATINUM												
82	Gold leaf for gilding and dentistry	\$ 1,000	2	6	2	—	6	—	5	7	15	13	82
83	Platinum in ingots, sheet and wire.	"	—	—	1	—	—	—	—	—	1	—	83
84	Bar silver	"	—	1	212	—	13	—	3	—	223	1	84
85	Silver-leaf for plating	"	—	1	—	—	—	—	—	—	—	1	85
	Total value	"	2	8	215	—	19	—	8	7	244	15	

103	Chalk, plaster of Paris, crude or prepared	32	261	704	1,132	941	—	1,501	437	3,233	1,930	103
109	Marble, alabaster and porphyry	1	—	—	—	0	—	11,061	3,104	11,068	3,104	102
110	Precious stones, unenumerated	—	—	—	—	—	—	—	—	—	—	110
111	Salpêtre	—	562	690	20	746	—	1,031	308	2,407	899	111
112	Unenumerated	593	439	3,549	663	3,002	—	32,838	4,977	40,932	6,079	112
	Total quantity	327,890	694,669	2,316,530	213,415	202,332	9	219,856	31,570	3,068,608	939,663	
STONES, EARTHS AND OTHER SIMILAR MINERALS												
99	Asbestos	1	5	3	1	3	—	1	—	3	6	99
100	Moulding and potters' clay	—	1	8	—	7	—	7	3	22	4	100
101	Asphalt	68	26	—	2	20	—	214	47	302	75	101
102	Bitumen (including realtar and oils for manufacturing of gas)	5	34	37	7	26	—	3	4	71	45	102
103	Patent fuel	—	—	2,681	141	—	—	9	1	2,670	142	103
108 a	Limo	—	6	—	17	—	—	—	43	—	66	103 a
104	Coal	2,153	49,707	16,704	4,310	59	—	616	65	49,531	24,112	104
105	Cement	766	2,451	1,021	1,153	2,038	—	1,455	653	7,130	3,005	105
106	Coke	1	79	476	6	36	—	2	—	215	85	106
107	Emery stone and glass powder	—	7	1	2	3	—	4	—	13	9	107
108	Chalk, plaster of Paris, crude or prepared	2	20	21	66	26	1	52	20	104	110	108
102	Marble, alabaster and porphyry	1	—	—	—	1	—	452	225	451	225	102
110	Precious stones, unenumerated	—	—	3	12	4	—	211	140	251	152	110
111	Salpêtre	—	302	411	11	91	—	69	49	271	452	111
112	Unenumerated	15	39	405	45	454	—	450	115	758	199	112
	Total value	3,017	22,470	21,751	5,808	3,420	1	3,687	1,374	31,775	29,858	
SKINS AND HIDES												
113	Skins and hides, tanned or otherwise prepared	139	319	127	53	412	—	716	353	1,411	725	113
111	Sole leather	5	—	31	—	—	—	2	—	33	—	114
	Total quantity	194	319	158	53	412	—	718	353	1,482	725	

YEARS 1913 AND 1917

IMPORTS

MERCANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS		
		UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917	
		1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	
SKINS AND HIDES												
413	Skins and hides, tanned or otherwise prepared	951	2,843	353	249	2,020	—	1,402	938	4,740	4,053	113
414	Sole leather	7	—	33	1	1	—	1	—	47	1	111
	Total value	958	2,843	396	250	2,030	—	1,413	966	4,787	4,059	
SILK												
415	Cocoons and waste silk	—	—	—	—	1	—	8	—	9	—	115
416	Yarn and thread	—	6	4	4	30	—	40	47	71	57	116
	Total quantity	—	6	4	4	31	—	48	47	83	57	
SILK												
415	Cocoons and waste silk	—	—	—	—	5	—	17	6	22	6	115
416	Yarn and thread	5	91	26	51	203	—	319	513	553	668	116
	Total value	5	91	26	51	208	—	336	524	575	669	
VEGETABLE EXTRACTS												
417	Tar and pitch	6	67	53	27	235	—	84	53	431	150	117
418	Vegetable oils for industrial use	6	22	137	11	63	—	7	11	202	41	113
418 a	Cotton seed oil	1,339	153	—	—	19	—	139	9	1,407	165	118 a

118 b	Palm oil.	4	97	22	—	169	—	630	16	824	113	118 b
119	Oil and wine lees.	—	2	—	—	—	—	—	—	—	2	119
120	Resin.	13,427	16,233	23	6	92	—	332	134	13,029	16,418	120
122	Gum, resin and natural balsams.	6	92	62	37	117	—	190	121	375	250	122
123	Unenumerated.	—	85	7	8	127	—	71	70	205	163	123
	Total quantity	19,788	16,749	302	89	871	—	1,502	467	22,463	17,305	
VEGETABLE EXTRACTS												
117	Tar and pitch.	1	10	4	5	14	—	6	5	25	20	117
118	Vegetable oils for industrial use.	1	6	20	3	11	—	1	3	33	12	118
118 a	Cotton seed oil.	255	69	—	—	3	—	41	4	209	73	118 a
118 b	Palm oil.	1	43	5	—	45	—	151	6	202	49	118 b
119	Oil and wine lees.	—	2	—	—	—	—	—	—	—	2	119
120	Resin.	1,338	1,027	3	2	13	—	23	13	1,427	1,912	120
122	Gum, resin and natural balsams.	3	112	20	22	42	—	71	79	436	213	122
123	Unenumerated.	—	13	3	7	29	—	87	92	119	117	123
	Total value	1,649	2,187	55	39	157	—	380	202	2,241	2,428	
	Total class II { Quantity.	495,745	756,015	2,376,375	226,821	237,765	52	314,690	67,265	3,425,075	1,050,153	
	{ Value.	9,639	38,045	31,092	14,168	10,471	213	17,145	12,785	68,347	65,211	
CLASS III												
Manufactured articles												
COTTON												
124	Tapestry, oilcloths and carpets.	17	92	135	130	92	—	63	19	357	241	124
125	Blankets.	8	9	8	4	409	—	140	6	565	19	125
126	Cordage.	131	105	31	55	3	—	2	2	167	162	126
127	Neckties.	—	—	—	—	—	—	—	—	—	—	127
128	Hosiery.	—	14	—	3	—	—	—	17	—	34	128

IMPORTS

YEARS 1913 AND 1917

MERCANDISE	UNIT	COUNTRIES OF ORIGIN										TOTAL IMPORTS			
		UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913		1917			
		1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	1913	1917		
129	Lace, loop-lace, gallons, fringes, etc.		13		40							72		134	129
130	Wearing apparel		47		23							75		115	130
131	Piece goods, bleached	45	1,457		513		43		43			6		539	431
132	Piece goods, unbleached	5	1		43		1		1			4		43	132
133	Piece goods, printed	2	3		433		47		31			1		352	133
134	Piece goods dyed	42	42		1,364		47		165			44		1,450	134
135	Piece goods unenumerated	99	502		3,755		936		1,432			132		6,213	135
136	Manufactures unenumerated	73	417		613		535		535			416		1,776	136
	Total quantity	392	926		4,040		2,103		2,391			494		12,700	5,460
COTTON															
124	Tapestry, oilcloths and carpets	9	84		132		73		49			23		263	124
125	Blankets	6	41		8		352		101			10		470	125
126	Cordage	77	120		13		2		1			1		93	126
127	Neckties						2		3			1		5	2
128	Hosiery	5	86		43		233		60			95		361	128
129	Lace, loop-lace, gallons, fringes, etc.	15	42		330		371		337			263		925	129
130	Wearing apparel	44	72		134		261		635			299		1,124	130
131	Piece goods, bleached	13	26		1,134		43		162			31		1,377	131
132	Piece goods, unbleached	3	1		175		2		41			6		491	132
133	Piece goods, printed	2	41		391		22		45			4		490	133

134	Piece goods dyed	35	112	2,241	3,064	63	—	103	56	2,513	3,262	131
135	Piece goods unenumerated.	82	1,557	4,721	3,260	1,212	—	1,032	436	7,047	5,303	135
136	Manufactures unenumerated.	93	245	1,120	1,033	936	—	1,109	415	3,200	1,734	136
	Total value	304	2,368	10,371	9,436	3,625	—	4,644	1,745	19,024	13,549	
	ALUMINIUM											
137	Manufacture of aluminium.	2	61	2	1	37	—	4	3	45	05	137
	Total quantity	2	64	2	1	37	—	4	3	45	68	
	ALUMINIUM											
137	Manufacture of aluminium.	4	82	2	3	05	—	7	6	73	91	137
	Total value	4	82	2	3	65	—	7	6	78	91	
	ARMS AND AMMUNITION (HUNTING AND WAR)											
133	Artillery arms.	—	—	36	—	407	—	1	—	504	—	133
130	Lead bullets, shot, fuses and cartridges	730	426	38	4	541	—	300	2	1,723	432	130
141	Rifles, revolvers, pistols and other firearms.	112	45	8	5	1,463	—	236	2	1,570	52	141
142	Swords and other small arms.	1	—	—	—	2	—	3	—	6	—	142
143	Gunpowder.	—	24	36	—	3	—	—	—	30	21	143
144	Unenumerated.	10	2	—	1	43	—	7	—	50	3	144
	Total quantity	903	497	116	10	2,221	—	666	4	3,906	511	
	ARMS AND AMMUNITION (HUNTING AND WAR)											
138	Artillery arms.	1	—	60	—	613	—	1	—	710	—	138
139	Lead bullets, shot, fuses and cartridges.	479	554	42	4	723	—	295	1	1,530	559	139
141	Rifles, revolvers, pistols and other firearms.	541	223	23	19	2,032	—	768	0	4,900	251	141
142	Swords and other small arms.	5	—	—	—	8	—	5	—	43	—	142

IMPORTS

YEARS 1913 AND 1917

	MERCANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS			
			UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917		
			1913	1917	1913	1917	1913	1917	1913	1917	1913	1917		
143	Gunpowder	\$ 1,000	—	33	74	—	3	—	—	—	—	77	33	143
144	Unenumerated	\$	21	5	—	3	23	—	—	15	—	50	8	144
	Total value	\$	1,047	815	204	26	4,367	—	1,084	10	6,702	851		
	RUBBER													
144 a	Toys	Tons	—	1	—	1	4	—	1	4	—	5	6	144 a
144 b	Boots and shoes	\$	—	20	—	—	—	—	—	—	—	—	20	144 b
144 c	Rubber tires and inner tubes for automobiles	\$	41	324	39	31	111	—	370	156	531	36	511	144 c
144 d	Sheet	\$	4	33	15	4	14	—	6	1	36	33	33	144 d
144 e	Hose	\$	31	107	22	13	40	—	4	5	103	425	425	144 e
144 f	Solid rubber tires	\$	—	62	5	65	151	—	5	1	164	423	423	144 f
144 g	Manufactures unenumerated	\$	44	403	107	25	125	—	71	30	347	172	172	144 g
	Total quantity	\$	87	655	188	142	457	—	457	206	1,889	1,003		
	RUBBER													
144 a	Toys	\$ 1,000	—	2	1	10	7	—	2	7	10	19	144 a	
144 b	Boots and shoes	\$	52	31	2	—	5	—	4	—	63	31	144 b	
144 c	Rubber tires and inner tubes for automobiles	\$	24	651	63	61	161	—	493	203	746	913	144 c	
144 d	Sheet	\$	2	41	13	6	12	—	7	1	30	48	144 d	
144 e	Hose	\$	22	91	26	13	52	—	8	7	103	117	144 e	

144 f	Solid rubber tires		55	0	50	417	—	0	1	120	106	144 f
144 g	Manufactures unenumerated	80	232	237	86	438	—	175	141	680	459	144 g
	Total value	180	1,112	353	229	542	—	700	360	1,775	1,701	
HAIR, FURS AND FEATHERS												
146	Brushes, dusters, brooms and pencils		8	—	7	—	—	—	30	—	45	146
147	Manufactures unenumerated	—	6	11	7	6	—	18	9	35	22	147
	Total quantity	—	14	11	14	6	—	18	39	35	67	
HAIR, FURS AND FEATHERS												
146	Brushes, dusters, brooms and pencils	3	28	27	20	101	—	136	99	257	147	146
147	Manufactures unenumerated	—	11	14	14	11	—	30	45	55	40	147
	Total value	3	39	41	34	112	—	156	114	312	187	
HEMP (*)												
147 a	Tapestry and carpets	—	—	—	2	—	—	—	—	—	2	147 a
147 b	Twine (packing thread)	—	40	—	3	—	—	—	8	—	21	147 b
147 c	Cordage	—	93	—	225	—	—	—	45	—	333	147 c
147 d	Manufactures unenumerated	—	—	—	3	—	—	—	9	—	12	147 d
	Total quantity	—	108	—	233	—	—	—	32	—	373	
HEMP (*)												
147 a	Tapestry and carpets	—	—	—	2	—	—	—	—	—	2	147 a
147 b	Twine (packing thread)	—	6	—	3	—	—	—	4	—	13	147 b
147 c	Cordage	—	63	—	110	—	—	—	8	—	131	147 c
147 d	Manufactures unenumerated	—	—	—	3	—	—	—	40	—	43	147 d
	Total value	—	69	—	118	—	—	—	22	—	209	

(*) Hemp for 4943 included with Jute (n. 223 to 225).

IMPORTS

YEARS 1913 AND 1917

	MERCANDISE	UNIT	COUNTRIES OF ORIGIN												TOTAL IMPORTS	
			UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913		1917			
			1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	1913	1917		
165	Christofle and plated goods	Tons	—	1	41	8	42	—	5	4	27	14	165			
166	Plated jewelry	>	1	1	1	—	6	—	2	1	9	3	166			
168	Uninsulated electric copper wire	>	335	23	8	—	333	—	—	53	722	23	168			
169	Insulated electric copper wire	>	751	389	37	1	174	—	8	82	1,017	393	169			
169 a	Electric cables	>	488	1,086	1,250	37	580	—	150	260	2,578	1,223	169 a			
170	Objects of art (statues, etc.)	>	—	4	—	—	1	—	2	6	7	3	170			
171	Tubes and pipes	>	6	69	145	36	49	—	2	48	218	107	171			
172	Manufactures of copper, unenumerated	>	113	459	432	56	377	—	54	331	1,256	269	172			
	Total quantity	>	1,785	1,832	1,943	150	1,751	—	224	840	6,319	2,206				
	COPPER AND ALLOYS															
163	Pins	\$ 1,000	—	4	1	5	4	—	1	1	6	10	163			
164	Copper wire	>	34	453	25	10	84	—	1	24	167	104	164			
165	Christofle and plated goods	>	2	4	32	38	33	—	12	11	78	51	165			
166	Plated jewelry	>	14	17	5	2	43	—	18	27	89	37	166			
168	Uninsulated electric copper wire	>	139	20	7	—	129	—	—	21	296	20	168			
169	Insulated electric copper wire	>	308	357	20	2	81	—	8	22	431	357	169			
169 a	Electric cables	>	163	745	408	19	167	—	91	85	823	855	169 a			
170	Objects of art. (statues, etc.)	>	—	3	1	—	3	—	7	46	20	10	170			
171	Tubes and pipes	>	4	96	79	72	27	—	3	83	143	171	171			
172	Manufactures of copper, unenumerated	>	131	596	511	140	651	—	205	512	1,808	911	172			
	Total value	>	795	1,995	1,009	288	1,228	—	346	752	3,864	2,629				

IRON AND STEEL		Tons	2	6	3	8	15	1	2	21	16
173	Needles										173
174	Pins			12	2	6	7	5	2	14	20
176	Barbed wire		15,237	18,764	229		8,553	6,040	34	30,724	18,798
177	Iron and steel wire, unenumerated.		2,418	12,427	1,333		20,475	2,663	492	20,589	13,031
178	Galvanized corrugated sheets.		1,492	1,678	10,671	112	1,929	4,591	66	24,696	1,771
179	Safes.		10	12	410	8	60	223	31	409	51
180	Cutlery		461	307	200	97	407	78	24	906	428
181	Axles, wheels and appertenances for railway cars and waggon		2,108	3,343	2,037	144	3,372	2,567	27	10,981	4,014
182	Axles, wheels and appertenances for other vehicles.		148	67	72	13	200	178	6	577	86
182 a	Spurs, stirrups, horsebits, etc.		495		298	15	937	284	1	1,714	40
182 b	Locks, padlocks, buckles, etc.			534		79			144		747
183	Flat irons		7	4	43		25	4	1	79	5
184	Manufactures of enamelled iron		62	178	205	65	1,070	80	25	1,426	270
185	Stoves.		577	363	76	4	480	99	10	982	383
186	Manufactures of tin plate		43	62	48	2	90	23	2	444	63
187	Tin plate in sheets		2,533	13,716	17,771	271	709	358	933	21,371	14,920
188	Staples, nails, screws and rivets		902	1,806	992	112	957	786	75	3,637	1,903
189	Furniture		225	409	240	28	253	68	2	794	139
190	Iron superstructure for buildings		8,115	3,598	9,273	83	30,045	23,899	530	71,392	4,211
191	Nails		305	603	205	41	241	779	136	1,530	835
192	Telegraph and telephone posts and parts of bridges and fences		3,095	506	4,638	3	6,374	9,281		23,873	539
193	ails, fish plates and railway accessories.		46,630	5,353	13,938	108	46,859	151,421	66	261,517	5,527
194	Tubes, pipes and joinings		3,416	4,776	21,132	1,216	20,828	25,035	295	73,461	6,287
195	Manufactures of iron unenumerated.		1,082	1,628	40,140	1,673	5,953	3,147	364	21,231	3,070
Total quantity			89,698	70,407	106,695	4,115	149,765	231,262	3,324	278,010	77,863
IRON AND STEEL											
173	Needles	\$ 1,000	31	91	40	59	38	2	18	81	192
174	Pins		1	14	1	5	7	3	3	18	22
176	Barbed wire.		900	2,870	21		536	396	4	1,853	2,871
177	Iron and steel wire, unenumerated.		145	2,025	109	20	1,115	176	105	1,545	2,159

IMPORTS

YEARS 1913 AND 1917

	MERCHANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS		
			UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917	
			1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	
178	Galvanised corrugated sheets.	\$ 1,000	114	364	1,661	4	145	—	127	10	2,047	387	178
179	Safes.	>	3	3	33	3	43	—	66	12	115	13	179
180	Cutlery.	>	109	513	338	105	534	—	127	53	1,213	736	180
181	Axles, wheels and appertenances for railway cars and waggons.	>	237	766	441	27	314	—	230	6	1,202	799	181
182	Axles, wheels and appertenances for other vehicles.	>	20	48	14	4	29	—	30	2	98	24	182
182 a	Spurs, stirrups, horsebits, etc.	>	105	—	120	14	256	—	99	—	530	14	182 a
182 b	Leeks, padlocks, buckles, etc.	>	—	271	—	45	—	—	—	102	—	421	182 b
183	Flat irons.	>	3	2	8	—	5	—	1	1	17	3	183
184	Manufactures of enamelled iron.	>	13	147	54	31	397	1	33	19	502	198	184
185	Stoves.	>	133	217	24	2	38	—	26	6	226	225	185
186	Manufactures of tin plate.	>	6	31	7	2	50	—	13	3	76	39	186
187	Tin plate in sheets.	>	245	3,858	1,691	58	76	—	45	189	2,057	4,105	187
188	Staples, nails, screws and rivets.	>	101	395	136	29	93	—	73	24	403	448	188
189	Furniture.	>	108	46	69	13	114	—	27	2	318	61	189
190	Iron superstructure for buildings.	>	617	514	644	13	2,043	—	1,251	70	4,558	597	190
191	Nails.	>	54	271	24	13	53	—	137	61	273	345	191
192	Telegraph and telephone posts and parts of bridges and fences.	>	251	61	431	1	411	—	733	—	1,867	62	192
193	Rails, fish plates and railway accessories.	>	1,959	751	719	22	2,021	—	6,546	4	11,245	730	193
194	Tubes, pipes and joinings.	>	366	918	1,617	225	1,509	—	1,006	69	4,493	1,242	194
195	Manufactures of iron unenumerated.	>	410	821	1,817	639	1,573	—	704	136	4,501	1,711	195
	Total value	>	6,004	14,979	9,989	1,457	11,393	3	11,909	963	39,295	17,402	

106	MUSICAL INSTRUMENTS	Phonographs	Tons	27	34	—	—	—	—	131	—	—	14	2	172	36	106
107		Phonograph records	"	0	7	—	—	—	—	45	—	—	3	3	57	10	107
108		Phonograph accessories	"	2	22	—	—	—	—	43	—	—	1	2	46	24	108
100		Pianolas	Ono	0	—	1	—	—	—	—	—	—	2	—	0	—	100
200		Automatic piano players	"	68	31	8	—	—	—	40	2	—	24	—	140	33	200
201		Pianos	"	351	375	41	—	—	—	1,878	40	—	363	75	2,633	499	201
202		Unenumerated	Tons	0	7	8	—	—	—	210	2	—	40	8	276	17	202
		Total quantity	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
106	MUSICAL INSTRUMENTS	Phonographs	\$ 1,000	45	52	—	—	—	—	05	—	—	10	1	150	53	106
107		Phonograph records	"	17	18	—	—	—	—	60	—	—	3	—	80	13	107
108		Phonograph accessories	"	4	35	—	—	—	—	51	—	—	1	1	56	36	108
100		Pianolas	"	1	—	1	—	—	—	—	—	—	—	—	2	—	100
200		Automatic piano players	"	28	12	4	—	—	—	18	1	—	12	—	62	13	200
201		Pianos	"	80	93	12	—	—	—	439	12	—	06	22	696	127	201
202		Unenumerated	"	15	23	13	—	—	—	265	3	—	128	05	413	91	202
		Total Value	"	199	233	29	—	—	—	937	16	—	248	69	1,413	338	
203	SURGICAL AND DENTAL INSTRUMENTS AND ARTICLES	Gauze and cotton for surgical use	Tons	40	51	—	—	—	—	89	—	—	17	1	155	52	203
204		Surgical instruments and articles	"	8	6	2	—	—	—	42	2	—	45	9	97	17	204
205		Dental instruments and articles	"	86	58	6	—	—	—	12	12	—	2	2	106	72	205
		Total quantity	"	143	115	8	—	—	—	143	14	—	64	12	358	141	
203	SURGICAL AND DENTAL INSTRUMENTS AND ARTICLES	Gauze and cotton for surgical use	\$ 1,000	63	00	—	—	—	—	97	—	—	20	8	136	93	203
204		Surgical instruments and articles	"	10	38	0	—	—	—	64	0	—	129	33	213	130	204
205		Dental instruments and articles	"	108	131	32	—	—	—	18	29	—	11	4	250	217	205
		Total value	"	280	312	38	—	—	—	179	38	—	160	95	663	445	

IMPORTS

YEARS 1913 AND 1917

	MERCHANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS					
			UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917				
			1913	1917	1913	1917	1913	1917	1913	1917						
206	MATHEMATICAL, PHYSICAL, CHEMICAL AND OPTICAL INSTRUMENTS AND ARTICLES															
	Optical instruments and articles	Tons	5	—	—	—	—	—	—	—	—	—	—	7	206	
207	Scientific instruments	>	21	—	5	—	—	—	—	—	—	—	—	16	207	
	Total quantity	>	—	26	—	5	—	—	—	—	—	—	—	18	49	
206	MATHEMATICAL, PHYSICAL, CHEMICAL AND OPTICAL INSTRUMENTS AND ARTICLES															
	Optical instruments and articles	\$ 1,000	26	36	13	1	22	—	—	43	12	104	—	49	206	
207	Scientific instruments	>	113	66	77	14	175	1	—	114	29	484	—	110	207	
	Total value		144	102	90	15	197	1	—	157	41	588	—	159		
	WOOL															
208	Brands, tassels and trimmings, etc.	Tons	—	—	—	—	—	—	—	—	—	—	—	—	2	208
209	Tapestry and carpets	>	4	9	109	29	80	—	—	54	20	247	—	53	209	
210	Piece goods	>	1	67	833	346	108	—	—	192	29	1,249	—	442	210	
211	Blankets	>	—	1	3	—	42	—	—	10	—	25	—	1	211	
212	Felts and sarcelnet	>	52	5	42	15	98	—	—	13	6	205	—	26	212	
213	Wearing apparel	>	—	1	—	1	—	—	—	—	4	—	—	6	213	
214	Manufactures of wool, unenumerated	>	2	41	54	12	103	—	—	35	6	191	—	29	214	
	Total quantity	>	59	94	1,066	403	491	—	—	304	67	1,320	—	564		

		WOOL									
		1	2	3	4	5	6	7	8	9	10
		1.897	1.522	952	707	249	3,570	2,284	3	12	3
	\$ 1,000										
203	Brands, tassels and trimmings, etc.	—	—	—	—	—	—	—	—	—	—
200	Tapestry and carpets	14	44	85	59	39	107	—	39	97	209
210	Piece goods	2	441	491	491	145	2,730	1,002	145	1,002	210
211	Blankets	—	2	17	40	1	20	3	1	3	211
212	Felts and saracen	4	12	133	17	13	169	38	13	38	212
213	Wearing apparel	2	11	33	36	33	79	55	33	55	213
214	Manufactures of wool, unenumerated	4	33	139	89	15	351	96	15	96	214
	Total value	14	513	952	707	249	3,570	2,284	249	3,570	2,284
LINEN											
215	Tapestry and carpets	—	25	113	10	1	193	86	1	193	215
216	Twine (packing thread)	—	—	—	1	—	3	—	—	—	216
217	Cordage	—	—	12	7	—	40	13	—	40	217
218	Sheeting, quilts, towels and napkins	—	—	7	43	4	25	7	4	25	218
219	Brands, edgings, trimmings, etc.	—	1	—	—	1	—	2	1	—	219
220	Wearing apparel	—	—	—	—	2	—	5	2	—	220
221	Piece goods	—	2	60	531	26	1,333	495	26	1,333	221
222	Manufactures of linen, unenumerated	—	3	9	26	2	107	14	2	107	222
	Total quantity	31	916	201	641	36	1,758	532	36	1,758	532
LINEN											
215	Tapestry and carpets	—	10	25	4	1	53	37	1	53	215
216	Twine (packing thread)	—	—	—	—	—	2	—	—	2	216
217	Cordage	—	—	6	2	1	11	9	1	11	217
218	Sheeting, quilts, towels and napkins	—	—	11	31	11	53	22	11	53	218
219	Brands, edgings, trimmings, etc.	—	3	2	3	3	6	7	3	6	219
220	Wearing apparel	—	—	12	44	13	86	29	13	86	220
221	Piece goods	1	5	61	803	61	1,741	1,055	61	1,741	221
222	Manufactures of linen, unenumerated	—	4	14	31	40	123	45	40	123	222
	Total value	1	22	131	926	103	2,083	1,204	103	2,083	1,204

IMPORTS

YEARS 1913 AND 1917

MERCANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS		
		UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917	
		1913	1917	1913	1917	1913	1917	1913	1917			
JUTE												
223	Tapestry and carpets	1	—	157	2	9	—	6	2	173	4	223
224	Hessians.	—	—	18	16	—	—	14	122	32	133	224
225	Twine (packing thread).	2	—	11	—	49	—	7	—	69	—	225
226	Corlage	42	—	233	—	60	—	117	1	452	1	226
227	Piece goods.	—	—	27	5	8	—	60	1	95	6	227
228	Manufactures of jute, unenumerated	4	—	53	2	9	—	50	2	119	5	228
	Total quantity	49	—	502	26	135	—	254	128	940	151	
JUTE												
223	Tapestry and carpets	1	—	93	1	6	—	7	4	107	5	223
224	Hessians.	—	—	6	7	—	—	4	35	40	42	224
225	Twine (packing thread).	1	—	9	—	31	—	12	—	46	—	225
226	Corlage	10	—	55	—	29	—	33	1	127	1	226
227	Piece goods.	—	1	24	4	4	—	43	—	71	5	227
228	Manufactures of jute, unenumerated	6	—	14	1	6	—	16	1	42	2	228
	Total value	13	1	201	13	79	—	105	41	403	55	
BARTHENWARE, PORCELAIN, GLASS AND CRYSTAL												
229	Table glasses	33	13	2	—	87	—	43	4	165	17	229
230	Phials and pots	97	51	7	2	532	1	226	17	852	71	230

231	Bottles and demi-johns	120	91	91	44	5,125	704	311	6,040	416	131
232	Lamp-chimneys	15	49	1	—	72	43	—	101	10	232
233	Isolators	379	332	53	73	623	93	8	1,148	413	233
234	Tubes for machines, gauges and other graduated glasses, funnels, dropping bottles, siphons, battery vessels and other articles for chemical and pharmaceutical laboratories and electrical purposes	48	17	41	6	33	15	42	77	35	234
235	Lenses of all kinds	—	—	—	—	—	1	—	1	—	235
236	Polished glasses without foils	4	60	44	77	445	57	8	253	145	236
237	Window glass	39	753	1,598	703	261	5,640	434	7,451	2,006	237
238	Manufactures of porcelain and earthenware	19	49	5,030	3,208	2,074	2,032	330	9,245	3,727	238
239	Manufactures of glass and crystal	66	133	72	62	702	1,158	133	2,058	323	239
	Total quantity	790	1,524	6,849	4,325	9,707	10,012	1,357	27,358	7,207	
EARTHENWARE, PORCELAIN, GLASS AND CRYSTAL											
220	Table glasses	11	7	2	—	25	25	3	73	10	229
230	Phials and pots	24	33	1	1	111	68	19	207	57	230
231	Bottles and demi-johns	33	53	13	7	493	63	71	607	131	231
232	Lamp-chimneys	0	15	1	1	20	5	—	41	10	232
233	Isolators	61	74	13	23	104	17	13	193	105	233
234	Tubes for machines, gauges and other graduated glasses, funnels, dropping bottles, siphons, battery vessels and other articles for chemical and pharmaceutical laboratories and electrical purposes	48	10	5	4	43	44	11	53	34	234
235	Lenses of all kinds	—	3	—	—	—	2	1	2	4	235
236	Polished glasses without foils	2	40	15	27	53	20	3	93	70	236
237	Window glass	4	172	473	477	22	409	101	659	453	237
238	Manufactures of porcelain and earthenware	5	21	1,143	1,083	503	538	468	2,337	1,572	238
239	Manufactures of glass and crystal	26	407	21	82	330	372	451	1,003	293	239
	Total value	193	552	1,387	1,360	1,859	1,829	534	5,268	2,447	
MACHINERY, APPARATUS, UTENSILS AND TOOLS											
242	Aeroplanes	—	1	—	—	—	15	—	15	1	242
242 a	Aeroplano accessories	—	1	—	—	—	—	—	—	1	242 a
243	Stills, alambics	9	23	1	—	25	103	63	493	80	243

IMPORTS

YEARS 1913 AND 1917

	MERCANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS		
			UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917	
			1913	1917	1913	1917	1913	1917	1913	1917			
244	Scales	Tons	213	102	141	42	215	—	72	28	611	172	244
246	Hydraulic pumps and accessories	>	377	147	279	19	404	—	272	46	1,332	212	246
247	Boilers	>	428	60	2,035	264	643	—	353	21	3,189	351	247
248	Incubators and brooders	>	40	3	42	—	1	—	1	1	54	4	248
249	Tools and utensils of all kinds	>	1,722	1,493	6,772	2,133	1,973	—	1,087	245	11,629	3,551	249
250	Cranes	>	267	49	1,536	401	702	—	426	72	2,991	522	250
251	Locomotives	>	9,204	3,370	750	60	3,443	—	602	8	13,704	3,933	251
252	Tractors	>	24	52	379	14	1,254	—	35	119	1,693	185	252
253	Cinematograph (Motion-Picture) machines	>	—	1	1	—	3	—	22	—	26	1	253
254	Cinematograph (Motion-Picture) films	>	1	8	—	1	—	—	18	6	49	15	254
255	Accessories for Motion-Picture machines not specified	>	—	1	—	—	—	—	3	—	3	1	255
256	Photographic apparatus and accessories	>	26	70	51	55	80	—	93	42	255	437	256
257	Machinery for electricity and electric light	>	2,944	1,616	4,510	141	2,013	—	598	368	7,035	2,025	257
258	Electric light carbons	>	43	73	43	—	133	—	45	31	207	107	258
259	Electric dynamos and generators	>	372	57	90	8	172	—	130	261	763	326	259
260	Electric lamps	>	65	120	43	4	52	—	99	22	239	145	260
261	Electric motors	>	463	413	244	30	479	—	335	144	1,489	287	261
262	Electric transformers	>	793	151	38	6	147	—	34	24	1,015	134	262
263	Sewing machines	>	4,478	2,570	404	3	1,312	—	28	139	6,223	2,712	263
264	Typewriting machines and accessories	>	77	93	2	—	53	—	1	1	433	97	264
265	Spinning and weaving machines unenumerated	>	3	16	8,237	893	869	—	1,046	105	10,205	1,017	265
266	Calico printer's rolls	>	—	—	44	—	3	—	1	—	48	—	266

267	Looms	1	—	1,393	201	58	—	90	39	1,515	323	237
268	Unenumerated materials for spinning and weaving machines	14	41	1,587	590	73	—	200	61	1,517	652	268
269	Industrial machinery unenumerated	1,418	1,331	4,951	645	5,395	5	5,639	344	17,603	2,375	239
270	Agricultural machinery	901	716	403	31	733	—	230	32	2,400	782	270
271	Plows	675	301	33	3	466	—	132	9	1,006	313	271
272	Plowshares	—	—	—	—	—	—	—	—	—	—	272
273	Unenumerated plow parts	69	14	5	—	—	—	2	2	75	16	273
274	Ploughing apparatus not specified	795	250	3	4	65	—	53	12	930	265	274
275	Threshing machines	245	79	6	—	—	—	5	11	257	93	275
276	Seeding machines	8	3	—	—	—	—	3	1	11	4	276
277	Wind mills	216	74	27	—	18	—	26	21	287	95	277
278	Mills, unenumerated	53	19	137	57	148	—	170	17	508	93	278
280	Steam motors	11	4	277	3	—	—	2	12	293	19	280
281	Oil and gasoline motors	55	26	213	12	255	4	41	331	535	376	281
282	Unenumerated motors	205	80	336	13	379	—	214	131	1,135	239	282
282 a	Lighthouses, illuminated buoys, et.	—	—	—	—	—	—	76	1	75	1	282 a
282 b	Presses of all kinds	4,915	3,035	8,003	458	10,117	—	5,253	1,319	28,288	4,812	283
283	Machinery unenumerated	—	—	—	—	—	—	—	—	—	—	—
	Total quantity	30,673	16,544	39,931	6,204	31,729	9	17,610	4,007	119,934	26,764	—
242	Aeroplanes	—	21	—	—	—	—	65	—	65	21	242
242 a	Aeroplane accessories	1	16	—	—	1	—	—	—	2	16	242 a
243	Skills, alembics	8	23	1	—	13	—	41	22	65	45	243
244	Scales	58	38	28	11	47	—	11	10	147	62	244
245	Hydraulic pumps and accessories	127	78	130	11	97	—	97	20	451	109	245
247	Boilers	25	20	433	66	95	—	63	5	613	91	247
248	Incubators and brooders	4	2	7	—	1	—	2	1	14	3	248
249	Tools and utensils of all kinds	923	923	1,851	933	723	—	435	123	3,072	2,020	249
250	Cranes	59	26	239	98	192	—	93	22	633	146	250
251	Locomotives	2,274	1,280	289	12	835	—	81	6	3,430	1,298	251
252	Tractors	10	18	73	4	223	—	11	22	388	44	252

MACHINERY, APPARATUS, UTENSILS AND TOOLS

\$ 1,000

IMPORTS

YEARS 1913 AND 1917

	MERCHANDISE	UNIT	COUNTRIES OF ORIGIN												TOTAL IMPORTS					
			UNITED STATES				UNITED KINGDOM				GERMANY				OTHER COUNTRIES				1913	1917
			1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	1913	1917						
253	Cinematograph (Motion-Picture) machines	\$ 1,000	1	7	2	—	6	—	—	23	—	—	—	—	—	32	7	253		
254	Cinematograph (Motion-Picture) films	>	12	473	4	23	8	—	—	161	—	—	—	—	—	135	259	254		
255	Accessories for Motion-Picture machines not specified	>	1	1	—	—	1	—	—	4	—	—	—	—	—	6	1	255		
256	Photographic apparatus and accessories	>	75	440	51	49	85	—	—	73	12	—	—	—	—	339	201	256		
257	Machinery for electricity and electric light	>	1,598	1,333	675	133	739	—	—	200	421	—	—	—	—	3,352	1,647	257		
258	Electric light carbons	>	6	35	5	3	48	—	—	5	11	—	—	—	—	64	49	258		
259	Electric dynamos and generators	>	167	37	31	5	61	—	—	34	63	—	—	—	—	293	110	259		
260	Electric lamps	>	104	332	37	18	230	—	—	76	70	—	—	—	—	477	470	260		
261	Electric motors	>	215	403	95	19	163	—	—	118	51	—	—	—	—	596	473	261		
262	Electric transformers	>	329	94	16	4	50	—	—	40	13	—	—	—	—	405	114	262		
263	Sewing machines	>	1,362	1,587	148	4	693	—	—	15	70	—	—	—	—	2,718	1,631	263		
264	Typewriting machines and accessories	>	257	338	5	2	64	—	—	5	4	—	—	—	—	331	331	264		
265	Spinning and weaving machines unenumerated	>	2	16	1,251	248	132	—	—	102	26	—	—	—	—	1,517	299	265		
266	Calico printer's rolls	>	—	—	24	—	2	—	—	1	—	—	—	—	—	27	—	266		
267	Looms	>	1	—	422	31	6	—	—	13	4	—	—	—	—	112	35	267		
268	Unenumerated materials for spinning and weaving machines	>	9	14	495	537	23	—	—	80	34	—	—	—	—	613	535	268		
269	Industrial machinery unenumerated	>	269	593	940	237	1,253	—	—	1,168	138	—	—	—	—	3,630	830	269		
270	Agricultural machinery	>	229	132	70	12	118	—	—	50	8	—	—	—	—	467	202	270		
271	Plows	>	81	59	4	1	27	—	—	23	1	—	—	—	—	135	61	271		
272	Plowshares	>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	272		
273	Unenumerated plow parts	>	12	3	—	—	—	—	—	—	—	—	—	—	—	—	—	273		
274	Ploughing apparatus not specified	>	113	54	1	1	8	—	—	13	2	—	—	—	—	140	57	274		

275	Threshing machines	33	13	1	—	—	—	—	1	3	35	21	275
276	Seeding machines.	2	1	—	—	—	—	—	—	—	2	1	276
277	Wind mills.	37	14	4	—	5	—	—	3	5	40	40	277
278	Mills, unenumerated.	14	8	43	24	34	—	—	56	8	147	40	278
280	Steam motors	3	2	57	4	—	—	—	2	3	62	6	280
281	Oil and gasoline motors.	35	30	54	6	66	—	—	22	52	177	89	281
282	Unenumerated motors	113	66	124	10	100	—	—	63	43	405	124	282
282 a	Lighthouses, illuminated buoys, etc.	—	—	—	—	—	—	—	53	1	53	1	282 a
282 b	Presses of all kinds.	6	33	25	2	23	—	—	7	45	61	85	282 b
283	Machinery unenumerated	2,490	4,654	2,135	235	2,535	—	—	1,637	401	8,600	2,333	283
	Total value	11,301	9,398	9,558	2,778	8,838	3	5,106	1,578	34,813	13,757		
WOOD													
283 a	Box shooks.	90	44	4	—	10	—	—	60	7	161	51	283 a
284	Furniture	270	90	49	6	202	—	—	1,203	21	1,727	126	284
285	Toothpicks	—	—	—	—	—	—	—	413	99	113	99	285
286	Corks.	1	4	51	—	29	—	—	317	270	473	271	286
287	Desks.	46	—	1	—	—	—	—	—	1	47	1	287
288	Casks and barrels.	—	2	—	—	62	—	—	60	122	122	124	288
289	Manufactures of wood, unenumerated.	256	88	253	22	403	—	—	331	218	1,251	323	289
	Total quantity	663	237	363	28	706	—	2,170	738	3,932	1,003		
WOOD													
283 a	Box shooks.	9	5	4	—	2	—	—	4	—	16	5	283 a
284	Furniture	90	41	44	10	97	—	—	611	22	845	73	284
285	Toothpicks	—	—	—	—	—	—	—	148	71	148	71	285
286	Corks.	3	7	90	—	27	—	—	203	224	427	231	286
287	Desks.	14	—	1	—	—	—	—	1	1	16	1	287
288	Casks and barrels	—	1	—	—	15	—	—	4	8	19	9	288
289	Manufactures of wood, unenumerated.	66	62	123	12	151	—	—	155	100	493	174	289
	Total value	182	116	268	22	295	—	1,224	426	1,969	564		

IMPORTS

YEARS 1913 AND 1917

	MERCANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS			
			UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917		
			1913	1917	1913	1917	1913	1917	1913	1917				
	IVORY, MOTHER OF PEARL, TORTOISE SHELL AND OTHER ANIMAL PRODUCTS													
292	Manufactures of whalebone.	Tons.	—	—	—	1	—	—	—	1	—	—	2	—
293	Manufactures of coral, ivory and shell.	»	—	—	—	—	—	—	—	2	—	—	2	—
294	Manufactures of horn and bone	»	—	—	1	7	—	—	—	14	2	—	22	2
297	Manufactures of animal residues.	»	—	—	—	—	—	—	—	8	—	—	8	—
	Total quantity	»	—	—	1	8	—	—	—	25	2	—	34	2
	IVORY, MOTHER OF PEARL, TORTOISE SHELL AND OTHER ANIMAL PRODUCTS													
292	Manufactures of whalebone.	\$ 1,000	—	—	—	1	—	—	—	2	1	—	3	1
293	Manufactures of coral, ivory and shell.	»	—	—	—	2	—	—	—	8	3	—	10	5
294	Manufactures of horn and bone	»	—	—	1	7	—	—	—	23	6	—	31	7
297	Manufactures of animal residues.	»	—	—	—	1	—	—	—	6	1	—	7	1
	Total value	»	—	—	1	11	—	—	—	39	11	—	51	14
	NICKEL													
298	Manufactures all kinds	Tons.	—	3	6	4	—	—	—	2	1	—	12	10
	Total quantity	»	—	3	6	4	—	—	—	2	1	—	12	10

298	NICKEL	Manufactures all kinds	\$ 1,000	—	6	8	13	4	—	5	2	17	21	293
		Total value	>	—	6	8	13	4	—	5	2	17	21	
	GOLD, SILVER AND PLATINUM													
299		Gold jewellery, with or without precious stones	Kilo	—	—	4	9	195	—	125	84	324	93	299
300		Silver jewellery	>	41	470	169	417	2,747	—	2,181	2,604	5,133	3,431	300
301		Manufactures of platinum	>	—	—	1	—	3	—	5	3	9	3	301
		Total quantity	>	41	470	174	426	2,945	—	2,311	2,691	5,471	3,587	
	GOLD, SILVER AND PLATINUM													
299		Gold jewellery, with or without precious stones	\$ 1,000	—	—	2	9	99	—	84	74	185	83	299
300		Silver jewellery	>	1	9	3	16	72	—	63	87	439	412	300
301		Manufactures of platinum	>	—	—	1	1	1	—	4	5	6	6	301
		Total value	>	1	9	6	26	172	—	151	166	330	201	
	STRAW, ESPARTO GRASS, BROOM, COIR FIBRE, PIASSAVA AND SIMILAR FIBRES													
302		Cordage	Tons.	43	—	565	29	48	—	69	19	695	45	302
303		Mats and matting	>	—	3	15	5	33	—	86	24	134	32	303
304		Vegetable silk manufactures	>	—	1	2	3	8	—	2	2	12	6	304
305		Vegetable silk piece goods	>	—	—	18	41	—	—	1	—	19	41	305
306		Brooms and brushes	>	—	—	3	—	1	—	9	1	13	1	306
307		Unenumerated	>	51	52	6	9	271	—	502	38	230	93	307
		Total quantity	>	64	56	609	85	361	—	669	84	1,703	224	
	STRAW, ESPARTO GRASS, BROOM, COIR FIBRE, PIASSAVA AND SIMILAR FIBRES													
302		Cordage	\$ 1,000	4	—	132	10	8	—	12	6	156	16	302
303		Mats and matting	>	—	2	7	3	14	—	42	16	63	21	303
304		Vegetable silk manufactures	>	—	12	7	22	29	—	10	9	46	43	304

IMPORTS

YEARS 1913 AND 1917

	MERCANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS				
			UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917			
			1913	1917	1913	1917	1913	1917	1913	1917	1913	1917			
305	Vegetable silk piece goods.	\$ 1,000	—	—	73	240	2	—	2	—	1	—	51	240	305
306	Brooms and brushes.	>	—	—	2	1	1	—	1	—	3	—	6	1	306
307	Unenumerated.	>	7	41	4	50	31	—	31	—	150	74	195	195	307
	Total value	>	11	25	230	326	88	—	88	—	218	105	547	456	
PAPER AND MANUFACTURES THEREOF															
308	Playing cards.	Tons	3	2	2	—	1	—	1	—	1	1	7	3	303
309	Engravings, designs and photographs.	>	—	—	—	—	16	—	16	—	5	2	21	2	309
310	Blank books.	>	2	1	1	1	6	—	6	—	1	1	40	3	310
311	Printed books, newspapers, periodicals, music, maps or geographical charts and other similar articles.	>	354	403	164	31	135	—	135	—	1,017	432	1,667	596	311
312	Printed matter, postcards, calendars, etc., etc.	>	240	179	280	35	153	—	153	—	206	51	809	263	312
313	Cigarette paper.	>	—	5	1	16	19	—	19	—	415	412	435	433	313
314	Writing paper.	>	22	370	130	132	956	—	956	—	724	259	1,329	761	314
315	Wall paper.	>	2	2	45	12	27	—	27	—	13	—	87	11	315
316	Printing paper.	>	110	12,847	614	811	10,401	—	10,401	—	13,927	13,291	30,052	26,952	316
317	Paper unenumerated.	>	237	2,405	232	137	4,134	—	4,134	—	5,363	1,553	10,066	4,146	317
318	Cardboard and millboard.	>	25	662	41	73	2,450	—	2,450	—	3,225	1,035	5,743	1,820	318
319	Unenumerated.	>	51	95	26	23	235	—	235	—	83	37	445	160	319
	Total quantity	>	1,007	16,672	1,553	1,329	18,639	—	18,639	—	29,377	17,157	51,176	35,158	

IMPORTS

YEARS 1913 AND 1917

MERCANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS		
		UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917	
		1913	1917	1913	1917	1913	1917	1913	1917			
323	Mosaics and bricks for pavement.	13	14	108	123	165	—	485	80	771	217	323
324	Tiles	—	—	8	1	54	—	834	—	896	1	324
325	Tiles of asbestos	6	—	40	1	39	—	92	1	147	2	325
325 a	Polishing bricks	—	—	—	27	—	—	—	1	—	23	325 a
326	Bricks, refractory and for building.	19	11	100	38	90	—	55	10	264	59	326
327	Manufactures of stones and earths unenumerated.	14	13	72	10	51	—	148	35	285	53	327
	Total value	91	63	891	373	432	—	1,703	159	3,117	595	
SKINS AND LEATHER												
328	Saddlery.	4	3	16	2	3	—	14	1	37	6	328
329	Bags, cases and trunks.	1	3	2	1	35	—	12	1	50	5	329
330	Boots and shoes	—	9	—	1	—	—	—	1	—	11	330
331	Belting	17	36	160	36	39	—	30	5	243	77	331
332	Manufactures of skin and leather unenumerated	13	5	59	43	37	—	70	14	179	62	332
	Total quantity	35	56	237	83	114	—	126	22	512	161	
SKINS AND LEATHER												
333	Saddlery.	4	3	30	6	3	—	23	3	60	12	338
339	Bags, cases and trunks.	1	12	5	5	85	—	35	10	126	27	329
330	Boots and shoes	509	47	41	6	27	—	145	3	735	56	330

331	Bolting	27	124	212	92	53	66	17	373	233	331
332	Manufactures of skin and leather unenumerated	37	25	110	316	118	107	43	481	391	332
	Total value	648	211	420	435	291	466	76	1,925	722	
PERFUMERY, DYES, PAINTS, ETC.											
333	Boot blacking	30	33	35	21	63	16	2	153	62	333
333 a	Perfumery in phials or tubes for carnival purposes	—	—	—	—	7	139	2	145	2	333 a
334	Perfumery	64	56	40	13	32	435	190	570	273	334
335	Writing ink	9	11	67	39	13	10	4	104	51	335
336	Printing inks	66	103	9	23	141	112	53	328	184	336
337	Water paints	46	42	103	55	171	75	31	400	193	337
333	Paints (prepared) unenumerated	335	417	1,081	952	240	253	43	2,523	1,412	333
339	Varnishes, all kinds	123	136	204	76	31	24	6	387	218	339
	Total quantity	667	839	2,163	1,184	717	1,059	340	4,616	2,363	
PERFUMERY, DYES, PAINTS, ETC.											
333	Boot blacking	26	30	25	23	25	6	4	82	57	333
333 a	Perfumery in phials or tubes for carnival purposes	—	—	—	—	16	403	23	434	23	333 a
331	Perfumery	55	134	49	51	55	931	541	1,140	779	331
335	Writing ink	3	6	24	16	6	6	4	39	20	335
336	Printing ink	17	52	4	26	71	33	27	125	105	336
337	Water paints	13	21	36	31	31	33	24	116	76	337
333	Paints, (prepared) unenumerated	123	224	342	375	111	87	25	663	621	333
339	Varnishes, all kinds	74	91	141	57	13	17	7	245	155	339
	Total value	316	608	621	579	331	1,631	656	2,899	1,645	
CHEMICAL PRODUCTS, DRUGS AND PHARMACEUTICAL SPECIALTIES											
340	Acetic acid	—	290	97	22	128	89	—	314	312	340
341	Sulphuric acid	—	138	121	11	470	210	50	801	199	341
342	Nitric acid	—	6	3	—	5	1	1	9	7	342

IMPORTS

YEARS 1913 AND 1917

	MERCANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS		
			UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917	
			1913	1917	1913	1917	1913	1917	1913	1917			
343	Tannic acid.	Tons	—	46	4	2	11	—	1	6	16	24	313
344	Acids, unenumerated.	>	5	57	99	23	130	—	176	83	449	163	344
345	Chemical manures	>	—	—	340	—	6,772	—	2,359	24	9,471	24	345
346	Mineral waters, natural and artificial.	>	—	—	5	—	46	—	255	94	276	94	346
347	Bonzone	>	56	—	—	—	6	—	69	1	131	1	347
348	Carbide of calcium	>	449	253	8	—	558	—	4,623	41	5,638	264	348
349	Capsules, pills, globules (medicinal).	>	2	6	1	—	2	—	2	2	7	8	349
350	Chloride of lime	>	7	4,018	740	76	257	—	40	2	1,014	1,026	350
351	Ethyl chloride.	>	—	—	—	—	3	—	—	—	3	—	351
352	Glycerine	>	2	1	5	—	2	—	3	—	12	1	352
353	Cod liver oil and emulsion thereof.	>	13	8	2	1	5	—	41	30	61	39	353
354	Caustic potash.	>	—	1	—	—	4	—	4	4	8	5	354
355	Medicinal soap.	>	3	2	1	3	1	—	3	1	8	6	355
356	Caustic soda	>	66	6,888	7,263	523	145	—	137	86	7,581	7,497	356
356 a	Vaseline	>	24	404	—	1	43	—	72	—	439	105	356 a
357	Unenumerated.	>	424	5,441	5,648	5,619	6,823	7	3,038	2,872	15,933	13,939	357
	Total quantity	>	1,051	14,229	14,337	6,281	15,360	7	11,093	3,267	41,841	23,784	
CHEMICAL PRODUCTS, DRUGS AND PHARMACEUTICAL SPECIALTIES													
340	Acetic acid	\$ 1,000	—	177	12	10	24	—	48	—	54	187	340
341	Sulphuric acid.	>	—	28	46	5	26	—	16	8	58	41	341
342	Nitric acid	>	—	2	1	—	1	—	1	1	3	3	342

IMPORTS

YEARS 1913 AND 1917

	MERCANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS	
			UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917
			1913	1917	1913	1917	1913	1917	1913	1917	1913	1917
360	Braids, loops, and other trimmings.	\$ 1,000	—	1	—	5	—	25	6	31	7	360
361	Lace	>	—	—	5	1	—	3	1	4	6	361
362	Wearing apparel	>	—	5	1	5	—	32	72	39	73	362
363	Piece goods.	>	—	34	48	41	—	199	235	263	315	363
364	Manufactures, unenumerated.	>	2	13	29	33	—	177	83	233	135	364
	Total value	>	3	70	88	139	—	604	507	804	665	
SUNDREY ARTICLES												
365	Samples of all kinds.	Tons	—	23	5	—	—	—	9	—	37	365
366	Gymnastic and sporting articles.	>	12	4	8	16	—	9	2	55	14	366
366 a	Sanitary ware.	>	56	40	390	90	—	29	4	769	404	366 a
370	Small boats (of iron, steel or wood).	>	—	2	8	—	—	—	2	—	12	370
371	Tents, military and civil, field beds and portable hospitals	>	—	5	4	2	—	23	3	40	9	371
372	Walking sticks and whips.	>	—	—	—	7	—	14	—	30	3	372
373	Billiards tables and parts	>	—	—	—	—	—	6	—	9	—	373
374	Buttons	>	20	25	7	92	—	216	113	335	140	374
376	Toys, except rubber toys	>	49	87	9	466	—	81	84	605	179	376
377	Pipes, cigar and cigarette holders, and any other articles for smokers	>	—	9	2	36	—	69	16	103	27	377
373	Ice chests	>	123	24	—	36	—	8	—	172	24	373
380	Boxes and cases of all kinds	>	6	9	1	82	—	54	12	147	22	380
331	Pearls, glass beads, gilt lace, etc.	>	—	—	—	11	—	34	18	45	13	331

333	Pocket books and purses of all kinds.	—	—	—	—	—	—	—	—	1	13	1	333
334	Felt hats.	—	—	—	—	—	—	—	—	1	—	1	334
335	Straw hats.	—	—	6	—	—	—	—	—	10	—	16	335
336	Hats, unenumerated.	—	—	1	—	—	—	—	—	9	—	10	336
337	Umbrellas, parasols.	—	—	3	331	—	—	—	—	30	503	63	337
338	Cigars, cigarettes and other manufacture of tobacco.	—	—	—	—	—	—	—	—	2	3	2	338
339	Dynamite.	—	—	—	—	—	—	—	—	30	818	441	339
340	Safety fuse for blasting.	—	—	12	31	—	—	—	—	16	76	25	340
341	Unenumerated explosives (not including blasting powder).	—	—	4	1	—	—	—	—	46	101	4	341
342	Artificial flowers.	—	—	—	5	—	—	—	—	23	33	2	342
343	Fireworks.	—	—	43	1	—	—	—	—	75	121	20	343
344	Gazoline.	—	—	17,475	11	—	—	—	—	293	28,072	47,717	344
345	Mineral tallow for lubrication.	—	—	492	36	—	—	—	—	81	530	502	345
346	Kerosene.	—	—	87,332	8	—	—	—	—	1,457	106,689	88,431	346
347	Night-lamps.	—	—	—	—	—	—	—	—	1	24	2	347
348	Carriage and motor-car lamps.	—	—	—	—	—	—	—	—	17	18	1	348
349	Pencils and crayons.	—	—	82	3	—	—	—	—	2	70	87	349
350	Fans.	—	—	—	—	—	—	—	—	8	10	12	350
351	Sandpaper, all kinds.	—	—	—	—	—	—	—	—	22	275	105	351
352	Manufactures of celluloid.	—	—	55	2	—	—	—	—	57	72	16	352
353	Masts.	—	—	8	—	—	—	—	—	4	5	—	353
354	Steam and sailing vessels.	—	—	—	—	—	—	—	—	—	—	—	354
355	Mineral and vegetable lubricating oils.	—	—	11,699	1,531	—	—	—	—	2,434	17,105	14,373	355
356	Mineral fuel oil.	—	—	2,299	65	—	—	—	—	7,325	9,639	51,154	356
357	Paraffin.	—	—	133	243	—	—	—	—	68	553	297	357
358	Steel pens.	—	—	—	—	—	—	—	—	6	16	43	358
359	Combs of all kinds.	—	—	—	—	—	—	—	—	41	56	15	359
360	Matches.	—	—	—	—	—	—	—	—	1	3	—	360
361	Starch.	—	—	—	—	—	—	—	—	491	1,515	373	361
362	Blasting powder.	—	—	—	—	—	—	—	—	—	—	—	362
363	Pictures and mirrors with frames.	—	—	—	—	—	—	—	—	51	368	20	363
364	Watches.	—	—	—	—	—	—	—	—	—	—	7	364
365	Alarm clocks.	—	—	—	—	—	—	—	—	—	—	39	365

IMPORTS

YEARS 1913 AND 1917

MERCANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS				
		UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917			
		1913	1917	1913	1917	1913	1917	1913	1917					
418 b Clocks.	Tons	—	61	—	4	—	—	—	—	—	5	—	70	418 b
419 Rubberoid plates and sheets	»	143	396	13	—	—	25	—	—	—	62	—	397	419
420 Soap, unscented.	»	227	433	1,431	305	147	—	—	—	—	107	—	433	420
421 Empty bags (returned).	»	—	1	—	—	—	—	—	—	—	—	—	7	421
422 Specimens for museums.	»	—	—	—	—	—	—	—	—	—	—	—	1	422
423 Wax, spermaceti, stearine and tallow candles.	»	—	—	—	—	—	4	—	—	—	67	—	7	423
424 Incandescent mantles	»	—	2	—	—	—	2	—	—	—	—	—	7	424
424 a Stationary for bureaux and schools.	»	53	171	82	31	342	—	—	—	—	112	—	233	424 a
424 b Illuminating appliances.	»	79	86	97	10	231	—	—	—	—	71	—	100	424 b
425 Unenumerated.	»	—	334	—	84	—	—	—	—	—	—	—	707	425
Total quantity	»	149,291	125,797	5,721	3,084	4,425	—	13,696	47,874	173,133	176,755			
SUNDRY ARTICLES														
365 Samples of all kinds.	\$ 1,000	13	40	15	7	63	—	—	—	—	66	—	162	365
366 Gymnastic and sporting articles.	»	42	6	13	24	9	—	—	—	—	5	—	41	366
366 a Sanitary ware.	»	27	9	160	133	30	—	—	—	—	17	—	231	366 a
370 Small boats (of iron, steel or wood)	»	47	2	456	9	109	—	—	—	—	352	—	1,051	370
371 Tents, military and civil, field beds and portable hospitals.	»	2	4	12	2	1	—	—	—	—	16	—	31	371
372 Walking sticks and whips.	»	—	—	8	2	13	—	—	—	—	23	—	41	372
373 Billiards tables and parts	»	—	—	1	—	1	—	—	—	—	4	—	6	373

374	Buttons	8	93	13	10	172	—	444	353	637	461	374
376	Toys, except rubber toys	24	115	16	43	455	—	75	103	571	231	376
377	Pipes, cigar and cigarette holders, and any other articles for smokers	—	37	6	4	74	—	173	45	253	86	377
378	Ice chests	33	11	—	—	7	—	3	—	43	11	378
380	Boxes and cases of all kinds	4	6	4	3	70	—	42	14	120	23	380
381	Pearl's, glass beads, gilt lace etc.	—	—	—	—	45	—	50	93	95	93	381
383	Pocket books and purses of all kinds	—	—	1	1	13	—	5	6	24	7	383
384	Felt hats	—	—	22	4	—	—	15	15	37	19	384
385	Straw hats	2	1	50	47	8	—	403	72	463	120	385
386	Hats, unenumerated	2	1	20	6	47	—	263	81	302	83	386
387	Umbrellas, parasols	1	36	11	42	246	—	183	147	441	105	387
388	Cigars, cigarettes and any other manufacture of tobacco	8	3	2	3	2	—	16	14	23	20	388
391	Dynamite	12	439	314	—	37	—	19	1	332	410	391
392	Safety fuse for blasting	—	11	19	10	14	—	7	1	40	22	392
393	Unenumerated explosives (not including blasting powder)	—	24	121	—	2	—	34	—	157	24	393
394	Artificial flowers	—	—	—	—	10	—	44	7	54	7	394
395	Fireworks	8	10	1	—	15	—	28	5	52	15	395
396	Gazoline	2,473	2,555	2	—	—	—	28	44	2,503	2,592	396
397	Mineral tallow for lubrication	40	88	5	2	6	—	10	1	61	91	397
398	Kerosene	4,608	6,795	1	—	—	—	105	122	4,714	6,917	398
399	Night-lamps	—	—	—	1	21	—	3	3	24	4	399
400	Carriage and motor-car lamps	—	—	—	—	1	—	5	1	6	1	400
401	Pencils and crayons	13	125	3	3	65	—	5	4	87	132	401
402	Fans	—	—	—	—	7	—	34	36	41	33	402
403	Sandpaper, all kinds	25	33	19	40	22	—	7	7	73	85	403
406	Manufactures of celluloid	3	29	3	1	23	—	175	43	204	73	406
407	Masks	—	—	—	—	4	—	2	3	6	3	407
408	Steam and sailing vessels	54	—	725	599	51	—	1,072	—	2,502	593	408
409	Mineral and vegetable lubricating oils	1,063	2,206	102	40	135	—	231	45	1,591	2,264	409
409 a	Mineral fuel oil	90	243	2	55	—	—	116	895	293	1,193	409 a
410	Paraffin	15	82	35	2	17	—	42	1	79	85	410
411	Steel pens	1	6	41	52	9	—	27	24	78	82	411

IMPORTS

YEARS 1913 AND 1917

MERCANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS				
		UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917			
		1913	1917	1913	1917	1913	1917	1913	1917					
413 Combs of all kinds	\$ 1,000	18	37	2	2	34	—	—	—	113	52	167	91	413
414 Matches	>	—	—	—	—	1	—	—	—	—	—	1	—	414
415 Starch	>	1	30	62	16	72	—	—	—	71	52	206	98	415
416 Blasting powder	>	—	—	—	—	—	—	—	—	—	—	—	—	416
417 Pictures and mirrors with frames	>	3	13	3	1	102	—	—	—	55	15	163	29	417
418 Watches	>	10	5	4	1	7	—	—	—	227	95	243	101	418
418 a Alarm clocks	>	21	73	—	—	31	—	—	—	4	—	56	73	418 a
418 b Clocks	>	93	86	6	1	64	—	—	—	16	6	179	93	418 b
419 Rubberoid plates and sheets	>	15	72	2	—	2	—	—	—	5	1	24	73	419
420 Soap, unscented	>	46	33	170	61	39	—	—	—	18	15	273	114	420
421 Empty bags (returned)	>	—	1	—	—	—	—	—	—	—	—	—	1	421
422 Specimens for museums	>	—	—	—	—	—	—	—	—	1	4	1	4	422
423 Wax, spermaceti, stearine and tallow candles	>	—	—	—	—	2	—	—	—	22	5	25	5	423
424 Incandescent mantles	>	6	37	9	6	24	—	—	—	2	1	41	44	424
424 a Stationary for bureaux and schools	>	52	154	80	42	190	—	—	—	86	43	408	214	424 a
424 b Illuminating appliances	>	49	89	105	13	238	—	—	—	103	5	495	112	424 b
425 Unenumerated	>	329	330	413	259	626	—	—	—	954	375	2,327	934	425
Total value	>	9,236	13,990	3,130	1,482	3,308	—	—	—	6,396	2,861	22,070	18,333	
Total Class III. { Quantity	Tons	303,996	251,535	224,218	7,233	253,975	24	424,528	82,239	1,206,717	371,031			
{ Value	\$ 1,000	35,986	57,952	46,495	23,954	45,640	20	55,029	17,989	183,150	9,915			

IMPORTS

YEARS 1913 AND 1917

MERCANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS				
		UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917			
		1913	1917	1913	1917	1913	1917	1913	1917					
GRAIN AND FLOUR														
437	Rice	10	—	248	—	759	—	—	—	6,760	85	7,777	35	437
438	Oats	5	51	148	—	46	—	—	—	179	237	376	238	438
439	Barley	—	55	—	—	—	—	—	—	18	109	18	164	439
440	Wheat flour	53,929	23,017	—	—	4	—	—	—	113,227	86,943	170,160	102,930	440
441	Corn flour	161	267	197	36	6	—	—	—	21	5	385	308	441
442	Flour and meals, unenumerated	50	129	93	15	102	—	—	—	450	26	400	170	442
443	Beans, all kinds	349	27	—	—	19	—	—	—	8,177	107	8,545	134	443
444	Maize or Indian corn	43	—	—	—	—	—	—	—	8,850	137	8,993	187	444
445	Wheat	4,723	4	—	—	—	—	—	—	433,704	191,931	493,427	191,935	445
446	Cereals and grain, unenumerated	62	193	24	4	616	—	—	—	2,257	1,257	2,099	1,999	446
	Total quantity	62,332	23,688	715	55	1,552	—	—	—	573,373	280,837	637,972	304,580	
GRAIN AND FLOUR														
437	Rice	1	—	24	—	76	—	—	—	645	6	746	6	437
438	Oats	1	8	13	—	4	—	—	—	11	15	29	23	438
439	Barley	—	45	—	—	—	—	—	—	1	14	1	32	439
440	Wheat flour	3,930	4,069	—	—	1	—	—	—	6,424	11,242	10,375	15,931	440
441	Corn flour	27	65	27	8	2	—	—	—	3	1	59	74	441
442	Flour and meals, unenumerated	27	81	29	7	37	—	—	—	59	11	152	99	442
443	Beans, all kinds	43	8	—	—	2	—	—	—	740	45	735	23	443

444	Maizo or indian corn	>	4	—	—	—	—	—	—	—	286	11	200	11	414
445	Wheat	>	102	1	—	—	—	—	—	—	45,803	15,030	45,935	15,631	445
446	Cereals and grain, unenumerated	>	6	31	3	1	63*	—	—	—	248	181	326	216	446
	Total value	>	4.251	4.281	96	16	191	—	—	—	24,220	27,099	28,758	31,396	
PRESERVES AND EXTRACTS															
447	Olives	Tons	—	5	—	—	—	—	—	—	2,100	915	2,100	920	447
448	Cod-fish	>	2,083	1,731	2,807	285	147	—	—	—	41,747	13,573	40,569	20,560	448
449	Lard	>	280	9	—	—	—	—	—	—	172	10	482	28	449
450	Preserved meat and extracts, unenumerated	>	35	7	25	—	13	—	—	—	290	16	353	23	450
451	Preserved fruit and extracts, unenumerated	>	65	20	3	—	9	—	—	—	45	2	127	23	451
452	Preserved vegetables and extracts, unenumerated	>	12	24	63	4	102	—	—	—	1,569	256	1,751	281	452
453	Preserved fish and extracts, unenumerated	>	157	55	293	12	89	—	—	—	3,363	1,485	3,892	1,232	453
454	Hams	>	14	53	745	20	18	—	—	—	65	43	842	121	454
455	Bacon	>	493	7	25	—	—	—	—	—	49	1	567	8	455
456	Jerked beef	>	—	—	—	—	—	—	—	—	14,372	1,571	11,372	1,571	456
	Total quantity	>	3,114	1,922	3,761	301	378	—	—	—	66,752	22,561	74,005	24,784	
PRESERVES AND EXTRACTS															
447	Olives	\$ 1,000	—	3	—	—	—	—	—	—	375	181	375	184	447
448	Cod-fish	>	361	466	466	100	20	—	—	—	7,342	4,970	8,463	5,536	448
449	Lard	>	92	5	—	—	—	—	—	—	56	6	148	11	449
450	Preserved meat and extracts, unenumerated	>	8	5	14	1	12	—	—	—	242	22	276	28	450
451	Preserved fruit and extracts, unenumerated	>	30	10	2	—	3	—	—	—	22	2	47	12	451
452	Preserved vegetables and extracts, unenumerated	>	4	9	23	2	51	—	—	—	464	122	512	133	452
453	Preserved fish and extracts, unenumerated	>	109	40	70	5	23	—	—	—	1,175	537	1,377	501	453
454	Hams	>	6	41	508	20	13	—	—	—	40	35	567	99	454
455	Bacon	>	193	5	45	—	—	—	—	—	13	1	226	6	455
456	Jerked beef	>	—	—	—	—	—	—	—	—	3,557	503	3,557	513	456
	Total value	>	793	596	1,098	128	131	—	—	—	13,261	6,389	15,283	7,113	

IMPORTS

YEARS 1913 AND 1917

MERCHANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS				
		UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917			
		1913	1917	1913	1917	1913	1917	1913	1917					
FRUITS AND NUTS														
437 Almonds	Tons	3	—	—	—	1	—	—	—	251	299	258	229	457
453 Hazelnuts	>	—	—	—	—	—	—	—	—	163	83	163	83	453
459 Chestnuts	>	—	—	—	—	—	—	—	—	2,273	502	2,273	502	459
460 Apples	>	1,096	704	40	—	—	—	—	—	783	51	1,839	753	460
461 Walnuts	>	—	—	—	—	4	—	—	—	535	329	530	329	461
462 Pears	>	545	399	6	—	—	—	—	—	19	133	570	537	462
463 Grapes	>	7	—	11	—	43	—	—	—	1,955	691	2,016	691	463
464 Dried fruits, unenumerated	>	62	66	2	—	—	—	—	—	1,815	660	1,879	726	464
465 Fresh fruits unenumerated	>	1,099	166	—	—	—	—	—	—	3,276	377	4,375	543	465
Total quantity	>	2,812	1,335	29	—	48	—	—	—	11,073	3,063	13,362	4,398	
FRUITS AND NUTS														
457 Almonds	\$ 1,000	1	—	—	—	1	—	—	—	101	113	103	113	457
453 Hazelnuts	>	—	—	—	—	—	—	—	—	43	32	43	32	453
459 Chestnuts	>	—	—	—	—	—	—	—	—	246	72	246	72	459
460 Apples	>	150	155	2	—	—	—	—	—	103	10	255	105	460
461 Walnuts	>	—	—	—	—	2	—	—	—	103	97	110	97	461
462 Pears	>	112	113	2	—	—	—	—	—	5	31	119	147	462
463 Grapes	>	3	—	3	—	—	—	—	—	504	155	510	155	463

464	Dried fruits, unenumerated.	26	1	—	17	601	383	641	351	464
465	Fresh fruits, unenumerated	45	—	—	—	750	86	874	131	465
	Total value	339	8	—	20	2,361	927	2,901	1,266	
GREEN AND DRIED VEGETABLES										
466	Green and dried vegetables	1	—	—	77	127	41	204	42	466
467	Fresh vegetables	—	—	—	—	99	7	99	7	467
	Total quantity	1	—	—	77	226	48	303	49	
GREEN AND DRIED VEGETABLES										
466	Green and dried vegetables	1	—	—	9	35	19	44	20	466
467	Fresh vegetables	—	—	—	—	25	1	25	1	467
	Total value	1	—	—	9	60	20	69	21	
MILK AND ITS PRODUCTS										
468	Condensed milk	862	33	2	35	3,912	295	4,005	1,253	468
469	Butter.	—	1	—	11	1,954	6	1,966	6	469
470	Cheese	6	14	—	10	1,879	147	1,903	153	470
	Total quantity	868	53	2	56	7,745	548	7,874	1,418	
MILK AND ITS PRODUCTS										
468	Condensed milk	406	19	2	7	1,394	190	1,425	593	468
469	Butter.	—	1	—	9	1,454	9	1,491	9	469
470	Cheese	6	7	—	6	984	139	997	135	470
	Total value	412	27	2	22	3,862	328	3,916	742	
SUNDRIES										
471	Garlic.	—	—	—	—	1,375	809	1,375	809	471
472	Sugar.	18	7	—	88	53	1	459	49	472

IMPORTS

YEARS 1913 AND 1917

473 474 475 476 477 478 479 480 481 482 483 484 485	MERCANDISE	UNIT	COUNTRIES OF ORIGIN								TOTAL IMPORTS		
			UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		1913	1917	
			1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	
	Olive oil	Tons	—	1	—	—	—	—	—	3,987	867	3,983	863
	Potatoes	>	—	1,088	—	3,416	—	—	—	26,363	97	23,800	1,405
	Biscuits and ship biscuits	>	6	43	—	5	—	—	—	32	4	467	22
	Onions	>	—	—	—	—	—	—	—	5,917	253	5,982	253
	Tea	>	—	35	—	—	—	—	—	349	105	360	112
	Chocolate	>	—	1	—	—	—	—	—	28	8	46	10
	Confectionery and sweets	>	—	3	—	—	—	—	—	51	8	93	11
	Spices	>	51	132	—	—	—	—	—	1,409	1,357	1,737	1,621
	Macaroni, etc.	>	—	—	—	—	—	—	—	47	—	57	—
	Eggs	>	1	—	—	—	—	—	—	1	—	2	—
	Salt, rock and white (except table salt)	>	5	—	—	—	—	—	—	46,832	53,792	60,903	60,130
	Vinegar	>	—	—	—	—	—	—	—	191	230	437	230
	Food stuffs, unenumerated	>	69	20	—	—	—	—	—	835	138	1,440	241
	Total quantity	>	142	1,322	11,156	6,586	7,295	87,836	57,669	106,429	65,577		
	SUNDRIES												
	Garlic	\$ 1,000	—	—	—	—	—	—	—	322	450	222	150
	Sugar	>	1	5	—	—	—	—	—	7	1	20	6
	Olive oil	>	—	1	—	—	—	—	—	1,731	473	1,735	479
	Potatoes	>	—	159	—	—	—	—	—	1,237	7	1,431	196
	Biscuits and ship biscuits	>	2	3	72	5	2	12	1	83	9	83	9

IMPORTS YEARS 1913 AND 1917

MERCANDISE	UNIT	BY COUNTRIES OF ORIGIN						TOTAL IMPORTS		
		UNITED STATES		UNITED KINGDOM		GERMANY			OTHER COUNTRIES	
		1913	1917	1913	1917	1913	1917		1913	1917

TONS

Class I — Live stock.	Tons	—	—	—	—	—	—	—	—	—	—	—
Class II — Raw materials and articles for use in arts and industries.	>	495,745	756,045	2,376,875	226,331	237,765	53	344,690	67,265	—	—	1,050,453
Class III — Manufactured articles	>	308,906	251,535	224,218	37,233	253,975	24	424,525	82,239	—	—	371,081
Class IV — Food stuffs and fodder	>	68,966	29,190	16,916	7,336	9,935	5	855,203	399,333	—	—	435,959
Total quantity	>	868,707	1,036,730	2,618,009	271,440	501,675	81	1,594,421	548,892	—	—	1,857,143

SUMMARY BY CLASS

\$ 1 000

Class I — Live stock.	\$ 1 000	17	43	212	101	25	—	1,430	257	—	—	1,734	371
Class II — Raw materials and articles for use in arts and industries.	>	9,639	33,045	21,092	11,463	40,471	213	47,145	42,735	—	—	63,347	65,211
Class III — Manufactured articles	>	35,936	57,952	46,495	23,951	45,640	20	55,029	47,989	—	—	193,150	92,945
Class IV — Food stuffs and fodder	>	5,643	5,937	2,032	730	903	2	61,560	44,131	—	—	73,193	59,820
Total value	>	51,290	101,967	79,881	38,953	57,044	235	138,214	75,162	—	—	326,429	216,317

**EXPORTS AND IMPORTS OF GOLD AND SILVER COIN AND BANK NOTES
OF FOREIGN ISSUE**

THOUSAND DOLLARS -- U. S. G.

	UNITED STATES		UNITED KINGDOM		GERMANY		OTHER COUNTRIES		TOTAL	
	1913	1917	1913	1917	1913	1917	1913	1917	1913	1917
EXPORTS										
Cold coin	1	—	16.182	—	2.469	—	10.803	170	29.455	170
Silver coin and bank notes	—	—	—	—	—	—	—	2	—	2
Total	1	—	16.182	—	2.469	—	10.803	172	29.455	172
IMPORTS										
Gold coin	518	11	5.270	—	39	—	173	—	6.000	11
Silver coin and bank notes	—	—	—	—	—	—	67	30	67	30
Total	518	11	5.270	—	39	—	240	30	6.067	41

SHIPPING MOVEMENT
BY
Navigation Companies
AND
Brazilian States of Arrival

THE UNIVERSITY OF CHICAGO

Department of Chemistry

Chicago, Illinois

SHIPPING MOVEMENT BY NAVIGATION COMPANIES

Arrivals of steam and sailing-ships in Brazilian Ports

COMPANIES	NUMBER		TONNAGE	
	1913	1917	1913	1917
BRAZILIAN				
Lloyd Brasileiro	4,368	4,075	4,825,668	4,372,427
Companhia Nacional de Navegação Costeira.	2,378	2,923	2,095,536	2,759,155
Companhia Comercio e Navegação	1,269	473	1,301,391	375,948
Other steam-ship companies	7,147	6,806	1,867,175	1,990,573
Sailing-ship companies.	5,743	4,672	251,195	161,153
Total.	20,906	18,959	10,343,968	8,959,259
GERMAN				
Hamburg Sudamerikanische Dampschiffahrts Gesellschaft . .	629	—	2,000,403	—
Hamburg Amerika Linie	340	—	1,153,352	—
Norddeutscher Lloyd (Bremen)	218	—	809,203	—
Other steam-ship companies	134	—	285,771	—
Sailing-ship companies.	31	—	31,366	—
Total.	1,352	—	4,285,095	—
AUSTRO-HUNGARIAN				
Unione Austriaca di Navigazione	107	—	392,951	—
Royal Hungarian Sea Navigation Co «Adria».	70	—	127,801	—
Other steam-ship companies.	14	—	36,206	—
Total.	191	—	556,958	—
FRENCH				
Co. Navigation Sud-Atlantique	168	74	611,896	263,713
Société Générale de Transports Maritimes à Vapeur	145	10	396,332	23,214
Co. Française de Navigation des Chargeurs Réunis	63	81	201,305	356,757
Other steam-ship companies	33	46	86,779	50,741
Sailing-ship companies.	7	1	9,790	1,633
Total.	416	212	1,306,102	706,058
DUTCH				
Koninklyke Hollandsche Lloyd.	122	39	533,322	165,594
Other steam-ship companies	18	7	16,826	7,933
Sailing-ship companies.	1	—	212	—
Total.	141	46	550,390	173,527

COMPANIES	NUMBER		TONNAGE	
	1913	1917	1913	1917
BRITISH				
Royal Mail Steam Packet Company	422	115	2,611,134	703,829
Lamport & Holt Limited	355	193	1,321,800	740,163
Booth Steam Ship Co.	479	120	1,157,033	249,753
Pacific Steam Navigation Co.	167	20	771,650	93,100
Prince Line Limited.	193	13	479,142	33,933
Harrisson Line	113	35	239,825	77,131
Other steam-ship companies	1,212	115	3,133,743	271,130
Sailing-ship companies.	133	86	61,375	35,203
Total.	3,089	702	9,866,817	2,215,346
ITALIAN				
Navigazione Generale Italiana	51	—	203,231	—
Società di Navigazione «Lloyd Italiano».	53	15	205,243	41,781
La Veloce Navigazione Italiana	59	—	173,319	—
Other steam-ship companies	172	83	493,311	287,262
Sailing-ship companies.	32	2	34,919	2,201
Total.	372	100	1,124,148	314,247
JAPANESE				
Steam-ship companies.	5	13	17,870	57,527
Total.	5	13	17,870	57,527
NORTH AMERICAN				
American Hawaiian Steam-Ship Co.	—	72	—	261,317
Other steam-ship companies	10	103	37,057	310,646
Sailing-ship companies.	3	86	2,448	36,034
Total.	13	266	39,505	661,047
ARGENTINE				
Steam-ship companies	563	490	225,163	163,331
Sailing-ship companies.	103	23	13,212	381
Total.	676	513	238,375	160,712
BELGIAN				
Steam-ship companies	63	—	125,651	—
Sailing-ship companies.	4	—	826	—
Total.	72	—	126,480	—
CHILIAN				
Steam-ship companies	4	3	8,633	8,211
Total.	4	3	8,633	8,211

COMPANIES	NUMBER		TONNAGE	
	1913	1917	1913	1917
BOLIVIAN				
Steam-ship companies	—	23	—	3.044
Sailing-ship companies.	1	—	30	—
Total.	1	23	30	3.044
CUBAN				
Steam-ship companies	—	2	—	2.733
Total.	—	2	—	2.733
DANISH				
Steam-ship companies	29	69	52.493	146.979
Sailing-ship companies.	21	15	6.503	46.413
Total.	50	85	59.006	163.397
GREEK				
Steam-ship companies	10	19	24,240	22,414
Total.	10	19	24,240	22,414
SPANISH				
Serv. C. Pinillos, Izquierdo y Co.	33	23	117.736	81.903
Compania Transatlántica.	—	36	—	96.920
Other steam-ship companies	5	2	12,329	1,270
Sailing-ship companies.	2	—	1,994	—
Total.	40	66	132.059	183.096
MEXICAN				
Steam-ship companies	1	1	339	3,233
Total.	1	1	339	3,236
NORWEGIAN				
Steam-ship companies	41	310	50.715	563.170
Sailing-ship companies.	171	41	163.304	55.783
Total.	212	351	219.019	618.958
SWEDISH				
Axel Johnson	59	15	139.933	44,771
Other Steam-ship companies.	11	54	17,863	83,432
Sailing-ship companies.	5	2	2,633	2,723
Total.	75	71	160.489	130.976

COMPANIES	NUMBER		TONNAGE	
	1913	1917	1913	1917
PARAGUAYAN				
Steam-ship companies.	49	194	14,112	72,651
Sailing-ship companies.	4	—	620	—
Total.	53	194	14,732	72,651
PERUVIAN				
Steam-ship companies.	1	13	2,672	936
Total.	1	13	2,672	936
PORTUGUESE				
Steam-ship companies.	3	1	7,833	4,829
Sailing-ship companies.	9	9	7,854	2,091
Total.	12	10	15,687	6,927
RUSSIAN				
Steam-ship companies.	1	2	1,616	152
Sailing-ship companies.	11	1	8,361	2,250
Total.	12	3	9,977	2,402
URUGUAYAN				
Steam-ship companies.	75	65	66,059	12,469
Sailing-ship companies.	4	4	1,554	1,644
Total.	79	69	67,613	14,113
RECAPITULATION				
Total of Steam-ship.	21,437	16,773	28,563,993	14,112,211
Total of Sailing-ship.	6,295	4,943	606,266	369,579
Total.	27,782	21,716	29,170,259	14,480,820

SHIPPING MOVEMENT

Arrivals of steam and sailing-ships in Brazilian Ports

1913 and 1917

SHIPPING MOVEMENT

ARRIVALS IN BRAZILIAN PORTS OF BRAZILIAN AND FOREIGN STEAM AND SAILING-SHIPS

STATES OF ARRIVAL,	BRAZILIAN SHIPS				FOREIGN SHIPS				TOTAL			
	NUMBER		TONNAGE		NUMBER		TONNAGE		NUMBER		TONNAGE	
	1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	1913	1917
Acre Territory	343	412	32,000	29,830	—	0	—	740	343	421	32,030	30,628
Amazonas	1,743	1,533	506,103	527,326	138	31	430,975	57,110	1,933	1,614	1,086,081	584,436
Pará	502	952	671,115	601,775	291	419	737,785	433,389	1,163	1,071	1,428,900	738,164
Maranhão	416	406	371,123	273,609	93	40	432,951	71,412	512	448	557,082	350,051
Paraíba	326	305	61,330	41,731	1	—	574	—	327	308	64,954	44,761
Ceará	671	631	530,698	341,535	80	21	153,631	42,939	754	652	716,269	384,574
Rio Grande do Norte	859	1,130	442,721	453,880	50	6	102,023	40,801	909	1,186	551,744	464,474
Parahyba	312	273	231,561	217,010	56	10	121,517	31,002	338	292	403,081	279,608
Penambuco	868	920	653,909	650,529	405	251	1,460,910	449,342	1,363	1,171	2,120,710	1,099,871
Alagoas	835	709	531,267	473,752	101	38	133,399	62,431	939	837	714,638	535,236
Sergipe	354	250	131,032	97,532	17	—	28,171	—	371	250	163,153	97,532
Bahia	1,422	1,223	928,557	737,401	675	236	2,451,983	669,523	2,167	1,449	3,163,545	1,408,924
Espirito Santo	1,509	1,314	602,311	503,316	123	31	320,913	70,010	1,637	1,345	929,254	578,356
Rio de Janeiro	1,303	973	407,110	407,830	—	—	—	—	1,363	973	167,110	107,806
Federal District	1,494	1,275	1,017,292	900,373	2,315	715	7,441,634	2,196,702	3,809	1,990	8,458,696	3,067,080
São Paulo	1,427	1,073	853,020	737,653	1,293	477	4,423,933	1,417,300	2,723	1,550	5,280,013	2,155,013
Paraná	1,131	831	632,010	677,285	335	295	261,973	101,084	1,466	1,129	957,588	778,369
Santa Catharina	1,801	1,704	675,793	705,926	103	35	103,402	41,920	1,904	1,739	842,105	747,846
Rio Grande do Sul	2,890	2,613	1,031,045	767,632	439	295	403,413	80,215	3,329	2,848	1,409,458	856,277
Matto Grosso	141	239	47,040	38,357	205	200	56,001	85,350	346	448	103,650	123,716
Total	20,905	18,959	10,343,968	9,959,259	6,877	2,757	18,828,291	5,821,561	27,782	21,718	29,170,259	14,480,820
Steam Ships	15,103	14,237	40,032,773	3,793,100	6,325	2,436	13,471,220	5,314,435	21,487	16,773	28,563,993	14,112,241
Sailing Vessels	5,743	4,672	251,195	161,153	552	271	355,071	207,426	6,295	4,943	606,266	368,579

BANKING MOVEMENT

BANKING

BRAZILIAN AND FOREIGN

Liabilities for the month of December 1917

Values in thousands of dollars

LIABILITIES	CAPITAL		RESERVE FUNDS		DEPOSITS AT SIGHT	
	1913	1917	1913	1917	1913	1917
Amazonas :						
Total of Foreign Banks	—	—	—	—	633	326
Pará :						
Total of Foreign Banks	325	237	—	—	1,939	1,054
> > Brazilian Banks	3,643	2,110	856	776	511	1,111
Maranhão :						
Total of Brazilian Banks	1,623	1,333	157	151	210	20
Ceará :						
Total of Foreign Banks	—	—	—	—	80	49
Rio Grande do Norte :						
Total of Brazilian Banks	—	266	—	30	—	9
Pernambuco :						
Total of Foreign Banks	162	134	—	—	3,297	617
> > Brazilian Banks	973	803	164	297	1,909	2,593
Alagoas :						
Total of Brazilian Banks	—	324	—	23	—	410
Sergipe :						
Total of Brazilian Banks	—	266	—	42	—	176
Bahia :						
Total of Foreign Banks	163	134	—	—	2,993	3,906
> > Brazilian Banks	1,493	1,412	104	524	443	313
Espirito Santo :						
Total of Foreign Banks	81	67	—	—	237	125
State of Rio de Janeiro :						
Total of Brazilian Banks	974	803	176	177	623	1,135
Federal District :						
Total of Foreign Banks	20,540	13,240	—	—	17,819	31,190
> > Brazilian Banks	32,133	26,641	2,345	2,033	51,921	43,232
São Paulo :						
Total of Foreign Banks	6,671	4,233	—	—	25,754	33,403
> > Brazilian Banks	20,976	13,403	4,855	5,390	7,132	32,933
Paraná :						
Total of Foreign Banks	162	134	—	—	325	174
> > Brazilian Banks	325	266	13	23	226	—
Rio Grande do Sul :						
Total of Foreign Banks	—	4,280	—	110	471	1,755
> > Brazilian Banks	8,113	8,561	3,543	4,157	29,212	27,750
Minas Gerais :						
Total of Brazilian Banks	6,451	9,135	303	365	5,297	3,166
Total of American Banks	—	1,000	—	—	—	14,737
> > English Banks	14,632	12,106	—	—	32,231	27,959
> > German Banks	6,556	5,536	—	—	10,393	2,815
> > Other Foreign Banks	6,363	9,852	—	110	10,476	32,033
> > Foreign Banks	28,104	28,544	—	110	53,603	77,619
> > Brazilian Banks	76,774	68,495	12,531	14,557	100,549	112,948
Grand total	104,878	97,039	12,531	14,667	154,152	190,567

MOVEMENT

BANKS OPERATING IN BRAZIL

compared with those for the same period of 1913

(United States Gold Coin)

DEPOSITS AT TERM		VALUES DEPOSITED of THIRD PARTIES		HEAD OFFICE AND BRANCHES		MORTGAGE BONDS		SUNDRIES		TOTAL	
1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	1913	1917
—	—	932	3,465	436	319	—	—	1,139	521	3,215	4,631
364	93	3,077	1,439	593	1,292	—	—	2,670	1,530	8,933	5,725
179	124	9,933	8,219	—	—	—	—	333	353	15,605	12,753
141	141	10	8	—	—	—	—	273	264	2,414	1,922
775	432	631	618	254	526	—	—	2,039	1,613	3,839	3,273
—	96	—	123	—	—	—	—	—	172	—	701
3,025	5,263	6,015	5,423	594	2,031	—	—	8,513	6,856	21,633	20,332
2,141	4,942	2,652	4,026	523	1,627	—	—	7,213	11,326	15,530	25,614
—	523	—	—	—	119	—	—	—	536	—	2,031
—	—	—	212	—	100	—	—	—	94	—	890
4,279	1,983	11,237	10,731	3,017	2,213	—	—	6,227	1,223	27,916	20,213
111	433	—	—	—	—	—	—	1,721	1,233	3,872	3,935
426	180	309	83	7	234	—	—	339	210	1,449	934
273	217	11	133	—	—	—	—	99	217	2,169	2,737
19,616	19,453	115,631	121,623	15,159	23,615	—	—	16,763	23,074	203,791	241,123
10,231	11,001	104,357	113,732	3,063	4,762	339	1,535	12,903	43,537	220,363	231,614
13,826	7,777	138,931	129,313	23,811	26,033	—	—	11,773	17,435	233,821	223,817
4,510	4,232	44,633	66,367	11,701	1,301	—	—	3,133	4,839	99,933	132,129
5,109	1,013	3,441	3,895	1,633	936	—	—	2,822	1,457	13,553	7,644
111	131	61	43	13	1	—	—	37	49	802	523
5,892	3,351	3,593	4,951	3,041	1,961	—	—	3,337	2,535	16,252	13,936
8,691	31,347	37,733	47,933	17,931	29,976	1,831	—	5,872	11,451	113,051	161,233
2,445	2,036	9,431	13,838	4,439	3,331	5,822	867	7,321	1,379	41,551	33,265
—	323	—	33,033	—	20,073	—	—	—	2,533	—	71,805
32,551	20,712	154,956	112,011	19,013	17,033	—	—	51,179	33,313	304,620	253,157
14,967	5,039	67,813	22,037	13,111	8,957	—	—	3,932	3,213	122,243	47,773
5,821	13,399	61,031	81,932	17,709	15,159	—	—	3,719	17,517	105,635	174,057
53,342	39,538	283,838	282,161	54,841	132,227	—	—	58,820	56,592	532,548	546,791
28,844	56,398	208,977	287,782	40,716	41,300	7,992	2,458	39,025	80,563	515,408	664,501
82,186	95,936	492,815	569,943	95,557	103,527	7,992	2,458	97,845	137,155	1,047,956	1,211,292

BANKING

BRAZILIAN AND FOREIGN

Assets for the month of December 1917

Values in thousands of dollars

ASSETS	UNCALLED CAPITAL		BILLS DISCOUNTED		ADVANCES ON CURRENT ACCOUNT		BILLS RECEIVABLE		SUNDRY GUARANTEES	
	1913	1917	1913	1917	1913	1917	1913	1917	1913	1917
Amazonas:										
Total of Foreign Banks . . .	—	—	21	302	21	19	923	—	142	—
Pará:										
Total of Foreign Banks . . .	—	—	94	83	570	526	2,321	1,225	1,347	351
» » Brazilian Banks . . .	—	—	657	632	1,075	749	595	361	2,015	1,133
Maranhão:										
Total of Brazilian Banks . . .	746	615	578	543	173	—	—	—	343	416
Ceará:										
Total of Foreign Banks . . .	—	—	58	133	504	581	1,894	1,234	690	643
Rio Grande do Norte:										
Total of Brazilian Banks . . .	—	80	—	56	—	83	—	209	—	1
Pernambuco:										
Total of Foreign Banks . . .	—	—	2,609	3,632	1,891	1,978	6,885	4,902	3,777	3,059
» » Brazilian Banks . . .	454	375	2,724	5,103	1,417	3,872	4,504	5,344	234	—
Alagoas										
Total of Brazilian Banks . . .	—	112	—	573	—	503	—	323	—	13
Sergipe:										
Total of Brazilian Banks . . .	—	80	—	103	—	191	—	—	—	207
Bahia:										
Total of Foreign Banks . . .	—	—	2,299	1,927	5,807	3,170	7,218	5,068	7,563	3,318
» » Brazilian Banks . . .	—	—	352	192	1,703	1,446	—	237	—	65
Espirito Santo:										
Total of Foreign Banks . . .	—	—	205	279	349	99	370	229	—	—
State of Rio de Janeiro										
Total of Brazilian Banks . . .	263	217	1,050	1,679	13	65	—	—	—	179
Federal District:										
Total of Foreign Banks . . .	6,490	5,351	11,509	9,440	23,214	26,929	35,240	30,658	33,703	26,823
» » Brazilian Banks . . .	8,148	6,692	27,711	23,939	13,237	23,523	2,717	9,024	35,567	47,841
São Paulo:										
Total of Foreign Banks . . .	2,004	—	16,127	13,239	21,944	22,163	23,922	19,221	52,349	37,073
» » Brazilian Banks . . .	4,559	3,472	12,017	15,590	22,041	25,940	4,450	5,095	15,537	26,595
Paraná:										
Total of Foreign Banks . . .	—	—	957	158	4,215	732	2,444	575	3,032	3,816
» » Brazilian Banks . . .	129	107	95	33	407	139	19	34	10	15
Rio Grande do Sul:										
Total of Foreign Banks . . .	—	2,563	3,162	1,739	2,303	2,257	3,363	1,669	2,007	4,012
» » Brazilian Banks . . .	3,975	4,063	9,584	19,270	26,363	29,111	7,750	11,001	29,876	25,343
Minas Geraes:										
Total of Brazilian Banks . . .	5,910	1,689	3,700	3,262	4,712	3,735	637	870	2,033	7,339
Total of American Banks . . .	—	—	—	5,476	—	11,782	—	11,637	—	3,031
» » English Banks . . .	6,490	5,359	15,847	13,307	33,422	21,925	52,637	31,045	78,617	60,038
» » German Banks . . .	—	—	11,311	2,632	20,453	5,893	25,855	3,783	20,191	5,446
» » Other Foreign Banks . . .	2,004	2,569	9,833	14,437	6,904	13,771	9,076	15,316	5,849	10,525
» » Foreign Banks . . .	8,494	7,919	37,041	35,982	65,782	58,444	87,588	64,781	104,657	79,100
» » Brazilian Banks . . .	24,157	17,507	58,498	76,036	76,044	89,380	20,422	35,501	85,665	109,147
Grand total: . . .	32,651	25,456	95,539	111,958	141,793	147,824	108,010	100,282	190,322	188,247

MOVEMENT

BANKS OPERATING IN BRAZIL

compared with those for the same period of 1913

(United States Gold Coin)

VALUES DEPOSITED		HEAD OFFICE AND BRANCHES		STOCK AND FUNDS BELONGING TO THE BANK		MORTGAGES		CASH IN HAND		SUNDRIES		TOTAL	
1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	1913	1917	1913	1917
761	3,465	576	239	—	—	—	—	700	507	65	99	3,215	4,631
1,750	1,035	1,151	605	—	—	—	—	1,191	1,615	261	230	8,933	5,725
6,775	6,392	46	69	1,385	1,218	2,035	1,231	625	719	367	213	15,605	12,753
10	8	109	17	292	213	—	—	132	49	31	31	2,411	1,922
131	—	340	179	—	—	—	—	285	292	—	206	3,889	3,273
—	—	—	—	—	9	—	—	—	50	—	213	—	701
2,233	2,364	2,293	1,970	—	—	—	—	1,575	1,919	335	503	21,636	20,332
2,443	4,025	2,718	4,601	35	241	—	—	851	1,819	225	193	15,530	25,614
—	139	—	52	—	41	—	—	—	257	—	18	—	2,031
—	5	—	116	—	88	—	29	—	37	—	31	—	890
1,767	2,667	1,361	1,070	—	—	—	—	1,559	2,711	366	309	27,916	20,243
52	—	67	19	713	523	313	373	300	805	312	312	3,872	3,935
309	87	67	19	—	—	—	—	152	215	27	15	1,449	931
28	8	—	—	201	302	429	110	136	191	43	6	2,169	2,787
59,608	80,911	18,776	32,928	—	—	—	—	12,059	17,472	1,190	10,651	205,791	241,196
67,029	90,602	22,499	23,223	11,059	12,610	620	1,206	13,233	13,433	8,513	11,493	230,363	281,611
67,512	77,413	22,817	21,276	—	—	—	—	15,653	21,391	3,461	7,033	223,821	223,817
9,418	11,933	5,021	3,821	2,580	3,132	15,012	22,119	7,309	12,465	2,271	1,931	93,993	132,153
362	80	1,826	1,025	—	—	—	—	431	321	233	931	13,553	7,611
5	1	17	—	6	63	—	—	51	27	60	49	802	523
159	722	3,557	1,929	—	357	—	—	1,051	2,597	618	1,146	16,252	19,996
4,093	17,455	17,405	23,913	5,092	4,512	2,173	957	4,995	17,111	1,932	453	113,051	161,233
1,613	2,121	5,171	3,777	410	952	11,055	9,325	1,819	2,508	4,405	2,678	41,551	35,265
—	18,399	—	11,787	—	—	—	—	—	6,390	—	3,295	—	71,805
66,451	72,117	21,053	17,316	—	—	—	—	21,637	23,703	3,411	5,193	301,620	253,157
22,803	13,381	11,733	10,370	—	—	—	—	6,191	4,782	691	1,450	122,243	47,772
45,337	61,930	17,090	21,738	—	357	—	—	7,111	11,167	2,479	11,196	105,685	171,057
134,600	168,827	52,830	61,241	—	357	—	—	34,975	49,051	6,581	21,139	532,548	546,791
91,479	132,662	53,059	69,614	21,686	24,009	31,697	35,419	34,539	54,535	18,195	20,691	515,408	664,501
226,079	301,489	105,889	130,855	21,686	24,366	31,697	35,419	69,514	103,586	24,776	41,830	1,047,956	1,211,292

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