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The Economist

MONTHLY TRADE SUPPLEMENT.

SATURDAY, OCTOBER 10, 1885.

The Economist MONTHLY TRADE SUPPLEMENT.

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BOARD OF TRADE RETURNS FOR SEPTEMBER.

THE figures of our foreign trade for September, as given by the Board of Trade, are certainly discouraging. The past month has naturally been a depressed period for business, owing largely to the unfortunate reopening of the Eastern Question; but although this may help to explain the heavy decrease in trade, it does not make the position look more encouraging. The imports in September were valued at 29,964,000*l.*, a decrease of 2,286,000*l.*, or fully 7 per cent., as compared with the corresponding month of 1884. This shrinkage is to be found under all the more important heads, but it is most marked in articles of food and drink, and especially in cereal produce. The exports in September amounted to 18,622,000*l.*, showing a decrease of 1,884,000*l.*, or about 9 per cent., as contrasted with last year. This loss extends to all categories, the figures for both the textile and metal trades being distinctly unfavourable. In one or two instances the volume of trade has increased, but this only seems to have been obtained by reducing prices, which were already extremely low.

TOTAL EXPORTS.

	September	Compared with September 1884.	Nine Months, 1885.	Compared with 1884.
Home Productions only—				
Living animals	£ 70,244	+ 11,636	£ 408,966	- 100,343
Food and drink.....	1,215,072	- 1,401	7,066,085	- 598,313
Raw materials (coal, &c.)	1,093,657	- 102,413	9,879,384	- 358,787
Yarns and textiles	8,926,916	- 679,075	77,856,551	- 5,821,140
Metals (including manufactured)	2,746,658	- 438,272	23,760,140	- 4,870,350
Do machinery	819,990	- 269,554	8,473,689	- 1,523,169
Apparel, &c.	895,285	- 66,678	7,777,530	- 333,763
Chemicals, drugs, &c.	580,681	- 128,824	5,151,791	- 822,141
Other exports	2,273,161	- 209,700	20,314,095	- 1,852,860
Total Home Productions	18,621,664	- 1884 281 = 9·1%	160,688,231	- 16280866 = 9·2%
Add—Reshipments of merchandise imported	5,086,052	- 1,270037 = 20·0%	43344234	- 5054028 = 10·4%
Total exports.....	23,707,716	- 3,154318 = 11·7%	204,032,465	- 21334894 = 9·4%

	TOTAL IMPORTS.			
	September	Compared with September, 1884.	Nine Months, 1885.	Compared with 1884.
Living animals (food)	£ 860,230	- 194,205	£ 7,335,063	- 1,193,296
Food & drink (duty free)	10,458,979	- 1,327,504	94,935,839	+ 781,490
Do dutiable	3,056,007	+ 324,337	17,742,172	- 32,524
Tobacco	611,213	+ 171,576	2,976,763	+ 761,629
Metals	1,241,768	- 256,227	12,401,885	- 286,194
Chemicals, dyes, &c.	561,514	+ 26,898	6,950,243	- 901,589
Oils	731,703	+ 110,349	4,952,397	+ 349,885
Raw materials (for textiles)	2,573,731	- 792,366	55,752,119	- 8,953,457
Do (other)	3,973,198	- 555,650	28,728,792	- 3,087,842
Manufactures	4,751,046	- 18,351	40,840,101	+ 5,284
Miscellaneous	1,144,399	+ 225,333	10,521,857	+ 776,251
Total	29,963,788	- 2,285,810 = 7·0%	283,166,231	- 11780363 = 4·0%

As shown above, there is a heavy falling off in the total value of our imports. Taking the figures in detail, we find a decrease of over 17 per cent. in our metal imports. This is chiefly under the head of copper, which exhibits a loss of 30 per cent. in value. The arrivals of copper have fallen from all quarters, the fall being most marked in those from the United States, the value of which was only 65,450*l.*, as against 221,790*l.*. The receipts of regulus and precipitate have also been less, but wrought metal has come forward more freely from the United States and Chili. It is interesting to note the change in the character of our imports from the United States for the past nine months compared with 1884 and 1883:—

IMPORTS from UNITED STATES in NINE MONTHS of

	1885.	1884.	1883.
	£	£	£
Ore	68,551	495,203	119,638
Regulus and precipitate	567,471	114,573	144,954
Wrought metal	140,575	88,514	86,345
	776,597	698,290	350,937

The imports of iron ore and zinc have increased, but lead, tin, and pyrites are all down heavily. In textile materials there is a loss of 23½ per cent. on the month's imports, due, however, chiefly to cotton, which may be neutralised in another month, when the new American crop comes forward freely. Flax is down slightly, but hemp and jute have increased materially, although the value has not risen to a corresponding extent. The arrivals of silk from China continue small, and there is a decided decrease in the quantity of wool to hand. Among articles imported for sundry trades, wood has come forward in augmented quantities, chiefly from Canada, but all other leading articles exhibit a diminution. Articles of food and drink were worth about one million less last month as compared with 1884. The loss is chiefly in wheat, flour, and barley, and in butter. Taking the first of the three former articles, viz., wheat, we find that the loss is almost entirely in our receipts from the Atlantic ports of the United States, the value of which was only 441,000*l.*, against 1,041,000*l.*. The value of the wheat, flour, and barley imported in the nine months of 1885 was over three millions in excess of 1884, so that with a good home harvest and large stocks, a diminution in current arrivals is only natural. Our imports of butter have fallen off

are the principal land routes. The trade of the Salween district shows a considerable loss as compared with 1883-4, owing chiefly to a shrinkage in the chief staple of export, viz., teak timber. As a result of unusually large importations of cattle from Upper Burma, the Toungoo land route traffic increased, and the same cause, together with heavy exports of rice, also influenced the Thayetmyo route. The proportion according to value of the trade carried by each of the important routes was as follows:—

	1884-5.	1883-4.
	£	£
Irrawaddy, river route...	3,085,000	2,673,000
Salween	516,000	669,000
Sittang	165,000	164,000
Salween, land route	223,000	389,000
Toungoo	142,000	116,000
Thayetmyo	75,000	46,000
Amherst	45,000	35,000

The detailed figures of the imports and exports are not given in a complete form, except as regards the business transacted by the Irrawaddy route, but as this is so much the most important, it is worth examining a little in detail. In cotton goods, we find that the export trade in twist and yarn fell off to a slight extent, while the trade in cotton cloth was dull, owing to the unsettled state of Upper Burma and the poverty of the people. The exports of rice were valued at 327,000*l*, or about double what they were in the previous year. The rice crops in Upper Burma were scanty, but, in addition, cultivation appears to be in a very backward state. It is stated that "it would appear as if the people in the King's country had come to depend largely on Pegu for their grain supplies." Large quantities of kerosine oil, which were received at Rangoon from America, were exported to Upper Burma, where it is coming into very general use. Large shipments of salt also took place, but the consumption did not keep pace with the supply. Raw silk also went largely to Mandalay, where silk weaving is practised to some extent. The increase this year under this head is attributed to the insecurity of the overland routes to China. The exports of silk piece goods increased considerably, and larger quantities of woollen manufactures were speculatively exported, owing to the glut of the Rangoon market, but the value of the latter did not increase. The articles we have here referred to are summarised below:—

EXPORTS.

	1884-5.	1883-4.	Increase or Decrease.
	£	£	£
Cotton twist and yarn	137,000	143,000	-
Cotton piece goods.....	218,000	239,000	-
Woollen piece goods	42,000	42,000	...
Silk piece goods	177,000	131,000	+
Raw silk	96,000	79,000	+
Rice	492,000	237,000	+
Salt	33,000	29,000	+
Oils	18,000	14,000	+

The following figures show the movements in the leading articles of import:—

IMPORTS.

	1884-5.	1883-4.	Increase or Decrease.
	£	£	£
Wheat.....	11,000	9,000	+
Cutch	56,000	96,000	-
Hides	86,000	64,000	+
Oils	112,000	117,000	-
Timber	258,000	193,000	+
Sugar (unrefined)	125,000	94,000	+

The wheat trade is very small, as can be seen, but under a good and settled Government the production in Upper Burma is believed to be capable of great expansion. The decline in cutch is due to short production and low prices. The imports of oil are largely composed of crude petroleum, obtained from the wells in Upper Burma, and it is refined and then exported to Calcutta and Madras. The cross movements of this article are very peculiar. The increase in the sugar trade is partly ascribed to the removal in Upper Burma of the monopoly of the sugar traffic. The increased activity in the timber trade was due to the larger supplies sent forward by the lessees of the King of Burma's forests. Much of the timber, however, was of low quality, and hence the price of teak has fallen

40 per cent. at Rangoon within the past eighteen months, with no immediate prospect of a change for the better. The trade in sapphires has dwindled to a very low point, as owing to their low value it is said "no money can be made out of them."

Taken as a whole, it will be seen that our aggregate direct trade interests in Upper Burma are large, and have increased even under the difficult circumstances which have existed during the past year or two. When to these are added the indirect interests, it is easy to see the reasons for the opposition to the action of the French in Upper Burma, which has arisen both here and in India.

A CENTURY OF WAGES AND PRICES IN MASSACHUSETTS.

In the report on the statistics of labour just issued by the Massachusetts Bureau for the year 1885, an interesting historical review of wages and prices is given, extending over more than a century. Mr Curroll D. Wright, the Chief of the Bureau, has from time to time devoted much attention to this important question, and he has in previous annual reports published a great deal of valuable and useful information relating to the social and industrial condition of the operative classes in Massachusetts during the last five and twenty years. With the view of making this statistical history of the industrial development of Massachusetts more complete, Mr Wright determined while it was yet practicable to collect together all the available information that was within his reach relating to this subject, and which, scattered as it was, through old account books, bills, and miscellaneous papers, was rapidly passing out of existence. The industrial history of Massachusetts is divided into three periods, the first, being prior to the year 1815, was antecedent to the general introduction of machinery and the establishment of the factory system. The second, which embraces the period from the year 1815 to 1830, Mr Wright terms the period of transition, and it witnessed the gradual introduction of the factory system, and the application of machinery driven by steam or water power to the various manufacturing processes. It was during this period that the spinning and weaving of cotton was established in such towns as Lowell, Fall River, Taunton, and Chicopee, and the woollen industry in the towns of Mendon, Uxbridge, Northbridge, Fitchburg, Leicester, Oxford, and other places. From the year 1830, Mr Wright dates the opening of the third period in the industrial history of the Commonwealth, which he designates the present industrial period. The development of invention and of manufacturing industry in Massachusetts which has characterised the last half-century has been truly marvellous, and is probably only paralleled by the progress which has been made in the same direction in Great Britain. Some of the illustrations quoted by Mr Wright in proof of this are sufficiently striking. In the cotton industry, the number of spindles at work in the State of Massachusetts increased from 339,000 in 1831, to 4,236,000 in 1880, and the number of power looms from 8,900 to 95,300. In 1831, the number of spindles per operative in Massachusetts was 25.5, in 1880, 73.3, and the manufactured product per operative had increased during the same period from 1,656 lbs to 3,794 lbs, an increase of 129 per cent. A comparison is also made between the productive capacity of the operatives upon the more conclusive basis of value, but as the figures which would enable this comparison to be made are not available for 1831, the year 1850 is selected, and with this result, that it shows that the net product per operative had increased from 351 dols 73c in 1850, to 592 dols 62c in 1880, an increase of 68 per cent. One notable fact which appears to be proved by the figures given in this report is that the net product per operative in 1880 in the State of Massachusetts, working under a ten-hour law, is greater in that State than in any of the other New England States, although the operatives in these States work longer hours. In Maine, the net product per operative in 1880 was 510 dols 18c; in New Hampshire, 476 dols 15c; in Rhode Island, 499 dols 84c; in Connecticut, 555 dol 14c; and in

Massachusetts, as we have seen, 592 dols 62c. It is interesting to follow up the comparison suggested by these figures by showing the effect which the development of manufacturing industry has had on the wages of the operatives. This is found in the data presented by Mr Wright in the following table, which shows the percentage of increase in wages of cotton mill operatives in 1880 compared with 1831:—

States.	Men.	Women.	Children.	General Average.
Maine	35	154	...	97
New Hampshire	19	110	54	76
Massachusetts	19	152	...	108
Rhode Island	72	190	120	163
Connecticut	71	145	119	104
Average	38	149	115	115

In 1831 the average hours of labour throughout New England in the cotton industry was 12 hours 18 minutes per day, in 1880 it was but 10 hours 52 minutes, a decrease of about 12 per cent. The results shown by the figures quoted relating to the cotton industry in New England may be thus summarised. The productive capacity of the operative, measured by the weight of the manufactured product, has increased 145 per cent.; the machinery controlled by each operative has increased 184 per cent.; the net value of the manufactured product has increased 75 per cent., while the time worked by the operative has decreased by 12 per cent.; wages have increased on an average by 97 per cent.; and finally, the cost of the manufactured product to the consumer has been most materially reduced.

The history of the development of the boot and shoe industry in Massachusetts, as related in this report, furnishes us with convincing evidence of the improvement which has been effected in the social condition of the workpeople by the introduction of machinery. This was one of the earliest industries organised in the State. The entire shoe was then made by the same artisan, a small group of men often working together in a little one-story shop. Piece-work was the custom of the trade, and it still prevails. The workmen were paid 15, 20, 25, or 30 cents a pair, and higher prices for extra quality, and an average workman, by twelve hours' labour, could earn about a dollar. The introduction of machinery into the trade took place about 1860. The industry is now conducted in large, well-lighted, thoroughly ventilated factories, equipped with a number of ingenious inventions, each shoe made being the result of the successive operations of numerous workmen. In 1845, the labour of each operative in Massachusetts produced 455 pairs of boots and shoes in 1875, the average number made equalled 2,205 pairs. In 1855, the hand workmen earned from six to seven and a-half dollars a week when at full work. In 1860, after the introduction of machinery, the average weekly wages of the men were from 10 dols 50c to 18 dols per week, and of women from 5 dols 50c to 8 dols 25c per week. In 1850, 105,254 persons were employed in this industry in the United States, 32,949 being females. In 1880, 133,819 were so employed, 29,798 being females and children. The introduction of machinery into this industry, therefore, has increased the total number of persons employed, increased the productive capacity of the workpeople and their wages, while it has diminished the amount of female labour employed, and very largely reduced the cost of the manufactured article to the consumer.

Mr Wright has brought together in this report a mass of very valuable information relating to the economic conditions which surround the operative classes in the United States, which will well repay a careful study by those who feel an interest in this important question. Stated broadly, the general result of the comparison made between wages and prices in Massachusetts during the decade ending 1830 compared with the decade ending 1860 is as follows:—Wages have advanced 52·3 per cent. Agricultural products 62·8 per cent.; burning oils and fluids, 29·0 per cent.; candles and soap, 42·6 per cent.; dairy products, 38·8 per cent.; fish, 9·8 per cent.; flour and meal, 26·0 per cent.; fuel (wood only), 55·4 per cent.; meats, &c., 53·0 per cent.; while on the other hand, the price of boots and shoes has declined 38·9 per cent.; clothing and dress goods, 24·7 per

cent; dry goods, 30·9 per cent.; food productions, 17·5 per cent.; letter paper, 35·1 per cent.; spices and condiments, 36·5 per cent. These figures indicate to a certain extent the changes which have taken place in the pecuniary position of the New England operative, and they enable us to estimate the improvement which has unquestionably taken place in his social condition.

THE NEW CUSTOMS TARIFF OF SOUTH AUSTRALIA.

THE Budget of South Australia for the current financial year showed a deficit, to cover which 198,000*l* is to be raised by additional taxation. One of the new sources of income is an addition to the tariff, which is sought to be justified on the old ground of "encouraging local industries." From this source an additional revenue of 130,000*l* is expected. The following is a list of all articles on which the duties are to be increased:—

RATED LIST.

Article.	Present Tariff. Duty. £ s d	New Tariff. Duty Rate. £ s d
Galvanised iron manufactures	cwt 0 3 0	0 4 0
Galvanised iron (corrugated)	ton 1 10 0	1 10 0
Do (unmanufactured)	" Free.	1 10 0
Salt	" 1 0 0	1 10 0
Glucose	cwt 0 3 0	0 6 0
Iron fencing	ton 1 10 0	2 0 0
Gates	" 1 10 0	2 0 0
Girders	" 1 10 0	2 0 0
Pipes	" 1 10 0	2 0 0
Posts	" 1 10 0	2 0 0
Tubes	" 1 10 0	2 0 0
Oatmeal	" Free.	2 0 0
Lead pipe and sheet	cwt 0 2 6	0 2 6
Do shot	" 0 2 6	0 2 6
Malt	bushel 0 0 6	0 2 0
Marble, wrought	cubic foot 10 %	0 0 6
Do (unwrought)	" Free.	...
Slate	" 10 %	0 0 6
Stone (unwrought)	" Free.	0 0 6
Nails	cwt 0 2 0	0 2 0
Onions	" Free.	0 2 0
Paints (mixed or dry)	" 0 2 0	0 2 0
Screws	" 10 %	0 2 0
Do (galvanised)	" 0 2 0	0 2 0
Naphtha	gallon 0 0 6	0 0 6
Oils (except cod, seal, and whale)	" 0 0 6	0 0 6
Turpentine	" 0 0 6	0 0 6
Varnish	" 0 0 6	0 0 6
Oats	bushel Free.	0 0 3
Opium	lb 0 10 0	1 0 0
Paper-bags	cwt 0 3 4	0 3 4
Paper-wrapping (brown and white, brown)	0 3 4	0 3 4
Plaster of paris	barrel 0 2 0	0 3 0
Acetic acid	lb or pint Free.	0 0 3
Cordials (not spirituous)	" 0 0 2	0 0 3
Syrups	" 0 0 2	0 0 3
Ale	gallon 0 0 9	0 1 0
Porter	" 0 0 9	0 1 0
Spruce	" 0 0 9	0 1 0
Other beer	" 0 0 9	0 1 0
Cider and Perry	" 0 0 9	0 1 0
Limejuice (aerated)	" 0 0 9	0 1 0
Limejuice cordials (not spirituous)	" 0 0 9	0 1 0
Vinegar	" 0 0 9	0 1 0
Animals, living—Horses	each Free.	0 5 0
Horned cattle	" Free.	0 2 6
Sheep	" Free.	0 0 3
Pigs	" Free.	0 2 0
Arrowroot	lb 0 0 1	0 0 1
Sago	" 0 0 1	0 0 1
Tapioca	" 0 0 1	0 0 1
Vegetables (preserved)	" Free.	0 0 1
Stearine	" Free.	0 0 1
Patent barley	" Free.	0 0 1
Patent groats	" Free.	0 0 1
Bacon	" 0 0 2	0 0 3
Candied fruits	" 0 0 2	0 0 3
Cheese	" 0 0 3	0 0 3
Chocolate	" 0 0 3	0 0 3
Cocoa (manufactured)	" 0 0 2	0 0 3
Confectionery	" 0 0 2	0 0 3
Fruit, dried (except dates)	" 0 0 3	0 0 3
Gunpowder (sporting)	" 0 0 2	0 0 3
Hams	" 0 0 2	0 0 3
Jams	" 0 0 2	0 0 3
Jellies	" 0 0 2	0 0 3
Mustard	" 0 0 2	0 0 3
Nuts (except cocoa-nuts)	" 0 0 2	0 0 3

Article.	Present Tariff. Duty. £ s d	New Tariff. Duty Rate. £ s d
Preserves.....	" 0 0 2	... 0 0 3
Tea.....	" 0 0 3	... 0 0 3
Barley.....	bushel Free.	... 0 0 9
Biscuits.....	lb 0 0 1	... 0 0 2
Blue.....	" 0 0 1	... 0 0 2
Butter.....	" Free.	... 0 0 2
Candles.....	" 0 0 1	... 0 0 2
Cornflour.....	" 0 0 1	... 0 0 2
Dates.....	" 0 0 2	... 0 0 2
Fish (dried, preserved, and salted, except in pickles or brine).....	lb 0 0 1	... 0 0 2
Glue.....	" 0 0 1	... 0 0 2
Honey.....	" Free.	... 0 0 2
Maizena.....	" 0 0 1	... 0 0 2
Meat (preserved, except in pickle or brine).....	" 0 0 1	... 0 0 2
Pearl barley.....	" 0 0 1	... 0 0 2
Pepper.....	" 0 0 2	... 0 0 2
Spices.....	" 0 0 2	... 0 0 2
Split peas.....	" 0 0 1	... 0 0 2
Starch.....	" 0 0 1	... 0 0 2
Peafour.....	" 0 0 1	... 0 0 2
Macaroni.....	" 0 0 2	... 0 0 2
Vermicelli.....	" 0 0 2	... 0 0 2
Cards (playing).....	dozen packs 0 3 0	... 0 3 0
Cement.....	barrel 0 2 0	... 0 2 0
Chicory (except green root), including kiln-dried.....	lb 0 0 4	... 0 0 6
Hops.....	" 0 0 3	... 0 0 6
Chicory (green root).....	ton 1 10 0	... 3 0 0
Coffee (raw).....	lb 0 0 3	... 0 0 4
Coffee (roast or ground).....	" 0 0 4	... 0 0 4
Coffee (date, mixed with chicory or coffee).....	" 0 0 4	... 0 0 4
Cordage, viz.—Coir rope.....	cwt 0 3 0	... 0 4 0
Do hempen and other cordage (except of galvanised and other iron and steel cordage), including all housing and seizing lines and spun yarn.....	cwt 0 3 0	... 0 8 0
Do white lines and other description of cordage not otherwise specified (except coir yarn).....	cwt 0 3 0	... 0 16 0
Do galvanised and galvanised wire.....	ton 0 3 0	... cwt 3 0
Do iron and iron wire.....	" 1 0 0	... cwt 3 0
Do steel wire.....	" 1 0 0	... 1 0 0
Doors and frames.....	each 0 2 6	... 0 4 0
Fruit (bottled).....	doz. quarts 0 2 0	... 0 3 0
Do.....	pints 0 1 0	... 0 1 6
Do.....	smaller pints 0 0 9	... 0 1 0
Pickles.....	quarts 0 2 0	... 0 3 0
Do.....	pints 0 1 0	... 0 1 6
Do.....	smaller pints 0 0 9	... 0 1 0
Sauces.....	quarts 0 2 0	... 0 3 0
Do.....	pints 0 1 0	... 0 1 6
Do.....	smaller pints 0 0 9	... 0 1 0
Potatoes.....	cwt 0 0 6	... 0 0 6
Rice and rice flour.....	" 0 3 0	... 0 3 0
Sugar.....	" 0 3 0	... 0 3 0
Treacle.....	" 0 3 0	... 0 3 0
Molasses.....	" 0 3 0	... 0 3 0
Sarsaparilla (not containing more than 25 per cent. of proof spirit).....	gallon 0 4 0	... 0 4 0
Sashes (all kinds).....	pair 0 2 6	... 0 4 0
Soap (except fancy soaps).....	ton 1 0 0	... 1 10 0
Soda ash.....	" 1 0 0	... 1 0 0
Soda crystals.....	" 1 0 0	... 1 0 0
Spirits (on all kinds of) the strength of which can be ascertained by Sykes's hydrometer.....	proof gallon 0 12 0	... 0 12 0
Spirits (perfumed).....	" 0 12 0	... 1 0 0
Spirits and spirituous compounds (on all), the strength of which cannot be ascertained by Sykes's hydrometer.....	liquid gal 0 12 0	... 0 12 0
Spirits (methylated).....	" 0 2 0	... 0 2 0
Timber—Battens.....	40 cubic feet 0 2 6	... 0 2 6
Deals.....	" 0 2 6	... 0 2 6
Planks.....	" 0 2 6	... 0 2 6
Quartering.....	" 0 2 6	... 0 2 6
Spars.....	" 0 2 6	... 0 2 6
Boards $\frac{1}{2}$ to $1\frac{1}{2}$ in. do., rough or planed, tongued or grooved.....	100 super feet 0 1 6	... 0 1 6
Architraves.....	100 lineal feet 0 1 6	... 0 1 6
Skirtings.....	" 0 1 6	... 0 1 6
Mouldings.....	" 0 1 6	... 0 1 6
Laths.....	1,000 0 1 0	... 0 0 6
Shingles.....	" 0 0 6	... 0 0 6
Palings.....	100 0 0 6	... 0 0 6
Tobacco, manufactured.....	lb 0 2 0	... 0 2 6
Cigars.....	" 0 5 0	... 0 6 0
Sheepwash.....	" 0 0 3	... 0 0 3
Snuff.....	" 0 5 0	... 0 6 0
Unmanufactured.....	" 0 1 0	... 0 1 6
Wine, if not containing more than 35 per cent. of proof spirit.....	gallon 0 5 0	... 0 6 0
Do sparkling.....	" 0 10 0	... 0 10 0

NOTE.—In all cases where duty is charged at per gallon, one dozen reputed quart bottles will be taken as two gallons, and one dozen reputed pint bottles as one gallon.

HUNDRED PER CENT. AD VALOREM.

Tandstickor matches..... Free. ... 100 %

The following articles, which at present are nearly all charged at the rate of 10 per cent. *ad valorem*, are now charged—

FIFTEEN PER CENT. AD VALOREM.

Airbricks.	Gelatine.
Albums.	Gilt mouldings.
Do stamp.	Grates, stoves, and ovens, and parts (except camp-ovens).
Apparel and slops (except mole clothing and imitation thereof).	Harness and saddlery made up (except saddler's housing, bindings, gilt mouldings in sets, harness furniture plated in sets, and whip sockets).
Archery materials.	Instruments (musical).
Basketware.	Iron columns.
Bedsteads.	Do doors.
Beer-engines.	Japanned ware.
Bellows (except bellows with forges).	Jewellery.
Bells (all kinds).	Lamps.
Blacking (including boot gloss).	Lampware.
Harness (dressing).	Gasaliers, or parts.
Blacklead.	Leather (unenumerated).
Blankets.	Leggings.
Boilers (steam).	Machines (washing —wooden).
Boiler tubes.	Do (galvanised).
Boots and shoes.	Mangles.
Boots and slipper uppers.	Mantelpieces.
Boot laces.	Marble.
Breadcutters.	Slate.
Bricks (except bath and fire).	Stone (wrought).
Bright wireware.	Mats.
Britannia metalware.	Matting.
British plate.	Metal services.
Brooms and brushware.	Spoons and forks (except steel table forks).
Buckets, wood.	Millinery.
Do, galvanised.	Nevada and nickel silverware.
Birdcages.	Oil—medicinal.
Candlemoulds.	Do perfumed.
Candlesticks.	Picture-frames.
Carpets and carpeting.	Plate and platedware (except gilt mountings for saddlery and harness furniture plated insets).
Carpets, bags, and portmanteaus.	Quilts.
Carriages.	Rugs.
Carts, wagons, and all vehicles.	Safes (iron and doors).
Castings not enumerated.	Silk and manufactures thereof (except mill and sewing).
Chemicals, drugs, &c.	Stationery (manufactured).
Druggistware.	Tarpaulins.
China, stone, and earthenware.	Tents.
Clocks.	Tiles.
Cloths and tweeds, estamens and serges being woollen or partly woollen, except cotton tweeds.	Tinware.
Drapery (except cotton knitting embroidery, crochet, yarn, Angora, Berlin, and wool, cotton, and linen goods manufactured in the piece).	Tobacconists' ware.
Fancy soap and perfumery.	Umbrellas and parasols.
Feathers and flowers, artificial.	Velvets (silk).
Fenders and fireirons.	Watches.
Fireworks.	Wheels.
Floor and oilcloth.	Wickerware.
Furniture.	Woodware.
Furs.	

The following articles are transferred to the free list :—

FREE LIST.

Bags (sacks and woolpacks).	Wrought-iron tubes and pipes.
Bone black.	Myrabolanes.
Bottles (indiarubber).	Needles and pins.
Camp ovens and covers.	Oil (cod, whale, and sperm).
Combined mower and binder.	Do seal.
Currycombs.	Do (baize).
Copperas.	Paperhangings.
Cotton (knitting and embroidery).	Saltpetre.
Do wadding.	Soda (nitrate and bicarbonate).
Cutlery.	Specimens of natural history.
Crucibles.	Spirit levels.
Engines (portable and traction, not exceeding 60-horse power).	Stationery (unenumerated).
Webbing.	Steel forks (table).
Forks (steel, table).	Umbrella parts.
Iron wire.	Wire (bottling).
Iron wire (galvanised), wire netting of all kinds.	Wool (Berlin and knitting).
	Yarn (Angora and wool).
	Zinc (sheet, ingot, and perforated).

On all imported goods not included in the foregoing list, or in the previous list of duty free goods, 10 per cent. *ad valorem* would be charged.

THE GERMAN TARIFF.

A BLUE Book issued this week contains the text of the German Customs Tariff as recently amended. The following is a list of all the articles the duties upon which have

been altered. On articles not included in this list the duties remain as before:—

Description.	Old Duties. £ s d	New Duties. £ s d	Description.	Old Duties. £ s d	New Duties. £ s d
Lace and embroidery	cwts 6 7 0	... 8 17 10	Stearine, palmitine, paraffin, and spermaceti and similar substances	cwts 0 4 1	... 0 5 1
Emery cloth	" Free.	... 0 3 0½	Beeswax and other wax	" 0 1 0½	... 0 7 7
Ultramarine	" Free.	... 0 7 7½	Mineral lubricating oils*	" 0 3 0½	... 0 5 1
Matches and tapers	0 1 6½	... 0 5 1	Thread, from raw silk, dyed or not dyed	cwts 2 10 10	... 5 1 8
Oil varnish	0 2 0½	... 0 3 0½	Stuffs manufactured out of silk or floss silk, in combination with metal thread; silk stuffs mixed with other materials, and combined with metal thread	cwts 15 4 10	... 15 4 10
Strontian preparations	" Free.	... 0 1 0	Lace, blonde, and embroidery, entirely or partly of silk	cwts 15 4 10	... 25 8 1
Chalk, purified	" Free.	... 0 0 1½	All silk or floss silk goods not specified in preceding class, mixed with cotton, linen, wool, or other animal or vegetable materials	cwts 7 12 5	... 11 8 7½
Pasteboard and paper made of asbestos—unshaped.....cwts	" Free.	... 0 5 1	Millstones, with iron hoops; flints, grindstones, and whetstones	cwts Free.	... 0 0 1½
Shaped and perforated....."	" Free.	... 0 12 2	Rough table slates....."	cwts Free.	... 0 0 3
Yarns, ropes, &c. of asbestos combined with other materials.....cwts	" Free.	... 0 12 2	Sawn blocks; rough stonemasonry, e.g., door and window frames, pillars, &c., exclusive of marble and alabaster work, to which the so-called Belgian granite (<i>écossais petit granit</i>) does not belong	cwts Free.	... 0 0 6
Asbestos weft combined with other materials.....cwts	" Free.	... 1 0 4	Roofing-slates, and slabs of rough slate†	cwts Free.	... 0 0 9
All other asbestos goods not included under No. 20	" Free.	... 1 10 6	Entering by sea	cwts Free.	... Free.
Flax and raw materials for spinning, except cotton, steeped, heckled, &c. ....cwts	" Free.	... 0 0 6	Cut or split slabs of stone, of all kinds, in the rough; stonemasonry not included in above†	cwts 0 0 3	... 0 1 6½
Wheat	0 0 6	... 0 1 6½	Other stone goods, excepting statues, and lava ornaments—not in combination with other material, or only combined with wood or iron without polish or varnish—Of alabaster, marble, granite, cyanite, porphyry or similar hard stone	cwts 0 1 6½	... 0 7 7
Rye	0 0 6	... 0 1 6½	Of other stones; also slates in wooden frames, polished or varnished	cwts 0 1 6½	... 0 3 0½
Oats	0 0 6	... 0 0 9	Fire bricks	cwts Free.	... 0 0 3
Barley	0 0 3	... 0 0 9	Crucibles, covers, retorts, fire-proof pipes and plates	cwts 0 0 6	... 0 1 0
Rapeseed, beet, poppy, sesame, earth nuts, &c. ....cwts	0 0 1½	... 0 1 0½	Live stock—Horses	per head 0 10 0	... 1 0 0
Maize and Syrian dari	0 0 3	... 0 0 6	Mules, asses	" 0 10 0	... 0 10 0
Malt	0 0 7½	... 0 1 6½	Bulls and cows	" 0 6 0	... 0 9 0
Anise, coriander, fennel, and caraway seed	" cwts	0 1 6½	Oxen	" 1 0 0	... 1 10 0
Grapes, fresh	" Free.	... 0 7 7	Heifers, up to 2½ years old	" 0 4 0	... 0 6 0
Chicory, carrots dried	" Free.	... 0 0 6	Calves, under six weeks old	" 0 2 0	... 0 3 0
Prepared feathers for ornament	" 7 12 5	... 22 17 3	Pigs	" 0 2 6	... 0 6 0
Timber and planking wood—Raw or dressed only with the axe, oaken staves.....cwts	0 0 0½	... 0 0 1½	Sucking pigs under 10 kilog.	" 0 0 3½	... 0 1 0
Staves not included under above, unpeeled osiers, hoops, felloes, and spokes.....cwts	0 0 1½	... 0 0 2½			
Boxwood, cedar, coco, ebony, mahogany.....cwts	" Free.	... 0 0 0½			
Unplaned boards, sawn cant woods, & other sawn & carved goods	" Free.	... 0 0 1½			
Cut cedar wood	" Free.	... 0 0 1½			
Horns from buffalo and other animals, horns planed or smoothed	" cwts	0 15 3			
Pressed horn buttons	"	0 15 3			
Silk, floss-silk, with metal threads, embroidery, or lace	" cwts	22 17 3			
Of half silk	"	11 8 7½			
Artificial flowers, complete	"	7 12 5			
parts of	"	3 1 0			
Hardware, Ironmongery, &c.—Goods wholly or in part made with precious metals, pearls, &c.; gold and silver leaf	cwts 15 4 10	... 15 4 10			
Watches in gold cases	"	15 4 10	... Each 3 0		
Watches in silver cases	"	15 4 10	... " 1 6		
Watches in cases of other metal	"	15 4 10	... " 0 6		
Gold cases, without works	"	15 4 10	... " 1 6		
Other cases, without works	"	15 4 10	... " 0 6		
Yarn, not dyed, printed, or bleached; similar yarns of jute or manilla hemp—Up to No. 5 English	cwts 0 1 6½	... 0 2 6			
Over No. 5 English, & up to No. 8	" 0 2 6	... 0 2 6			
Sewing thread	" 0 18 3	... 1 15 6			
Ropemakers' wares, not bleached or tarred	cwts 0 3 0½	... 0 5 1			
Damask of all kinds	" 3 0 11	... 3 16 2½			
Embroidery	" 2 10 10	... 3 16 2½			
Thread lace	" 15 4 10	... 20 6 4			
Candles	" 0 7 7	... 0 9 1½			
Brandy, arrack, rum, and mixed brandies, in casks or bottles	" 1 4 2	... 2 0 7			
Wine and must, cider, and artificially prepared drinks—in bottles—champagne	" 1 4 2	... 2 0 7			
Fish—Fresh	" 0 1 6½	... Free.			
Preserved in vinegar, oil, or spice, in casks	" 1 10 6	... 0 6 1			
Birds—game of all kinds, dead	" 0 6 1	... 0 15 2			
Honey	" 0 1 6½	... 0 10 2			
Cocoa-beans—raw	" 0 17 9½	... 0 17 9½			
Ditto roasted	" 0 17 9½	... 1 2 10			
Caviar and substitutes	" 2 10 10	... 3 16 3			
Cocoa paste, ground cocoa, chocolate of all kinds	" 1 10 6	... 2 0 8			
Starch, starch-gum, arrowroot, sago, tapioca, &c. ....cwts	" 0 3 0½	... 0 4 6½			
Macaroni, vermicelli	" 0 3 0½	... 0 5 1			
Ground corn and millers' products, viz.: bruised or shelled kernels, perled grain, grits, meal, &c. ....cwts	" 0 1 6½	... 0 3 9½			
Oysters, lobsters, tortoises, turtles, &c.	" 0 12 2	... 1 5 5			
Rice for manufac. of starch, under control	" 0 0 7½	... 0 1 6½			
Table oil, such as olive, poppy, sesame, &c.	" 0 4 1	... 0 5 1			
Olive and castor-oil in casks, methylated	" Free.	... 0 1 0½			
Other oils, in casks	" 0 2 0½	... 0 4 6½			
Grease for making candles under control will now pay	" ...	0 1 0½			

* The Bundesrat is authorised to admit duty free all mineral oils intended for other purposes than lighting, under control. The Bundesrat is also authorised to charge duty by barrel, taking a maximum weight of the ordinary barrels of commerce.

† Slabs of more than 16 centimetres thickness are considered as blocks.

THE REPORT OF THE LOAD LINE COMMITTEE.

WHEN the report of the Load Line Committee was published, the unofficial members of that body found, to their surprise, that a document in which they had embodied recommendations supplementary to their main report had been suppressed. A correspondence with the new President of the Board of Trade ensued, and as the result, the supplementary report, which deals with the constitution of the authority charged with the duty of enforcing a compulsory load line, and with the application of the load line to foreign vessels loading in the ports of this country and our colonies, has now been issued. As the document is a most important one, and is certain to be much discussed, we give its text, which is as follows:—

" It appears to the members of the Load Line Committee who are unconnected with the Board of Trade that it would be advisable to add to the report of that committee, now submitted for your Grace's consideration, the following observations:—

" It is not assuming too much to say that the origin of this committee may be traced to the confusion caused by differences of opinion which frequently arose between shipowners and the Board of Trade with respect to the proper loading of vessels. It had become necessary, both in the interests of shipowners and for the satisfactory working of the department charged with the duty of preventing over-loaded vessels from proceeding to sea, that an end should be put to a state of tension and uncertainty with regard to what should be considered a safe and proper load line for vessels, more especially for those engaged in carrying heavy cargoes.

" If the labours of the committee should be considered by your Grace to have resulted in a settlement of this most difficult question, it seems necessarily to follow that a compulsory load line, based on

The tables now submitted, should at no distant date be enforced. It is under this impression that we venture to draw your Grace's attention to one or two matters, which, although they may not have come strictly within the scope of our inquiry, are, we believe, nevertheless of vital importance to the ultimate success of our work.

"The first matter to which we would refer is, that if a compulsory load line should be resolved upon, it will be necessary to apply the same limitations to vessels under foreign flags as to our own vessels when loading in this country or in the colonies of Great Britain. We allude to this, which would seem indeed to be an obvious necessity, because it has been brought before us in evidence that foreign vessels are frequently grave offenders in respect to overloading. It will be for your Grace's consideration whether it may be possible to establish an understanding with the leading maritime Powers on the subject, but all events it will, in our opinion, be impossible to enforce compulsory load lines on the merchant ships of this country without at the same time requiring their application in British and colonial ports to ships under other flags competing with them.

"The next matter to which we would refer is, that in our own opinion, if a compulsory load line is to be enforced, it will be essential to constitute a public authority competent to administer such a measure in a manner that will command the fullest confidence.

"It has been carefully pointed out in the report of the committee that the tables which are now submitted must be applied 'with very great skill, care, and judgment.' It will, therefore, be necessary to secure some system of administration capable of giving due and well considered effect to the principles embodied in those tables, not only by a just application of such principles to the many and various types of ships which at present exist, but also by their adaptation to future changes and developments, which are certain to ensue from the progress of naval architecture.

"In our judgment, it would only tend to failure to entrust the task which we described to any purely official administration. The duty of assigning compulsory load lines, if it is to be undertaken, must, we consider, be entrusted to somebody of a more representative character, which should consist not only of officials, but also of gentlemen who, as shipowners, naval architects, seamen, and perhaps underwriters, would bring to bear on this work great knowledge and experience, and who, by reason of that knowledge and experience, and also of their high standing in their several professions, would ensure such a fulfilment of the duty confided to them as would command the confidence of the country.

"In stating this as our conviction, it is needless to say that we do not intend to imply that the authority or council which we suggest should be independent of the Minister responsible to Parliament; but we believe that it will be absolutely necessary for the Minister to have the assistance of such a body as we have described to enable him to give effect to a compulsory load line system. We do not consider that there would be any great difficulty in constituting the authority which we thus distinctly advocate.

"It only remains for us to add that a compulsory load line system will also demand scientific as well as practical knowledge on the part of the staff engaged in the work, not only in London, where, we presume, the final determination of freeboard will have to be carried out, but also at the outports, where primary investigations must necessarily take place."

THE REPORT OF THE ENSILAGE COMMISSION.

The following is the text of the preliminary report of the Ensilage Commission:—

The Commissioners have, up to the present time, held eleven sittings and examined thirty-eight witnesses, comprising among their number owners and occupiers of landed estates and their agents, tenant farmers, designers and inventors of different forms of silos, or of different systems of applying the necessary weights to stacked or ensiled green fodder, chemists, and authors of pamphlets on the general subject. They have also had the advantage of hearing the views of Sir John Bennett Lawes, whose eminent knowledge of all matters relating to the chemistry of agriculture, combined with the fact that his published opinions on the process of ensilage have been regarded as unfavourable to the system, has rendered his evidence of great value and interest.

The Commissioners have by no means desired to exclude unfavourable evidence; on the contrary, they have endeavoured to induce some of those who were believed to be opposed to the system to give them the benefit of their opinions, but they have so far heard no expression of any decidedly unfavourable views. The evidence tendered has been entirely voluntary, all witnesses attending at their own expense.

The evidence of all those who have practically tested the various methods of converting green fodder crops into preserved food for animals without putting them through any process of drying, such as is necessary in the making of hay, has, without exception, established their claims to a considerable amount of success; and, although in some cases, the results have been evidently more satisfactory than in the others, the advantages which the different operators, one and all, have claimed for their systems seem to show that a nourishing and useful food for animals can be preserved, independently of any drying process, within wide lines of divergence in the details of the methods adopted.

It has been conclusively shown that, by different degrees of

weighting and of expulsion and exclusion of atmospheric air from the material stacked or ensiled, different degrees of heat and of consequent chemical change are produced.

The degree to which such chemical changes increase or diminish the feeding value of the silage itself or its relative value in comparison to the green crop, is, in the present state of knowledge, in great measure a matter of opinion, and careful feeding experiments conducted with a view to test the exact effect of these changes will be highly important to a solution of this question.

Silage which has been covered immediately after cutting, and not again uncovered, has been shown to retain its colour and freshness, although developing small quantities of certain acids indicative of a process of fermentation without any considerable accession of heat. Other silage which has been put in at intervals, and from which the air has not been immediately or entirely excluded, has undoubtedly developed considerable heat, and in this case the colouring matter of the leaves has been less well preserved. Yet in both cases a useful feeding material has been rendered available which, in unfavourable weather, would have been practically lost if any attempt had been made to convert it into hay.

Bearing in mind the importance of economy, the Commissioners have inquired into the efficiency of various systems of stacking unchaffed green fodder crops without drying, by which it has been contended that, with a proper system of pressure, the necessity for a silo can be done away with.

The Commissioners are not at present prepared to express any opinion upon the economy of any such system, or to compare its advantages with those which are claimed by the advocates of chaffed and close stored silage; but it seems to be established that a temperature sufficiently high to involve danger of fire can be controlled by a proper and efficient system of applying weight to the stack of green fodder.

The different systems of applying weight have greatly occupied the attention of the Commissioners, but as the quality of the silage does not appear to be materially affected by this question, it becomes simply one of economy, and may safely, for the present, be left to each operator to decide for himself according to the special circumstances affecting the particular locality in which his farm is situated.

Some of the best samples of chaffed silage have been produced with pressure not exceeding 70 lbs per superficial foot, but the degree to which weighting is necessary or desirable remains to be decided upon the greatest amount of evidence that may become available to us. Good results are claimed to have been obtained by means of weights varying from 7 lbs to 300 lbs per superficial foot on the top of the silage.

The experience of dairy farmers does not appear to justify the assertion which has been more or less circulated that dairy produce is, in any way, injuriously affected by silage as food; on the contrary, much valuable evidence has been received to show that the feeding of cows with well-made silage distinctly improves the yield of milk and cream and the quality of butter.

Where complaints have arisen of milk becoming tainted, the cause has been, in our opinion, traceable to its having been in proximity with strong smelling silage, or with persons who have handled it, rather than to the use of such material as food.

The Commissioners have already heard sufficient evidence to justify them in encouraging the development of the system of storing unchaffed green fodder crops as a valuable auxiliary to farm practice. In addition to other advantages, the losses occurring through weather unfavourable for haymaking may be avoided, and some crops not hitherto grown in this country on account of the impossibility of ripening their seed (such as certain varieties of maize) may probably be successfully cultivated in certain districts, to the increase of our present means of feeding various kinds of live stock on arable or partly arable farms.

TRADE NOTES.

THE TRADE OF EASTERN ROUMELIA.—The commercial statistics of Eastern Roumelia are confessedly incomplete. There is a Bureau of Statistics, which appears to seek diligently after information, and which embodies the results of its investigations in a well-arranged annual abstract. But the Bureau points out that as Roumelia has a line of Custom houses only on a portion of its frontiers, only a portion of its commerce with Turkey and other foreign nations comes under the cognisance of the officials, while as regards the collection of internal statistics, such, for instance, as those relating to the agricultural production of the country, a difficulty is experienced, owing to the disinclination of the people to give information which they appear to think may possibly be used to their own disadvantage. The latest statistical abstract is that for the year 1883, and for that year the imports are valued at £1547,500, as compared with £1343,900 in 1882, and the

exports at £1,641,000, as compared with £1,253,900. Distributed according to the countries with which the trade was carried on, the figures of the imports and exports are:—

	Imports from.	Exports to.
	£T.	£T.
Bulgaria	236,800	196,600
Turkey	239,200	305,800
Austria	14,800	5,000
Serbia	15,400	12,000
Russia	14,400	2,000
Roumania	18,600	10,200
Greece	900	1,200
France	2,300	92,600
England	2,100	14,000
Other countries	3,000	1,600
	547,500	641,000

The chief articles of export are cereals, wood, wine, and woollen cloths, while amongst the imports the most important are, cattle, wool, skins, cotton goods, and groceries.

RUSSIAN FOREIGN TRADE.—The returns of the foreign trade of Russia continue to show a shrinkage, both in the imports and exports. For the seven months ending July, the figures of the trade over the European frontier are:—

IMPORTS.

	Seven Months Ending July.	
	1885.	1884.
	£	£
Articles of food	3,817,000	5,729,000
Raw materials and semi-manufactured articles	10,508,000	14,201,000
Animals	30,000	16,600
Manufactured goods	3,720,000	4,646,000
	18,075,000	24,892,000

EXPORTS.

	Seven Months Ending July.	
	1885.	1884.
	£	£
Articles of food	14,831,000	14,639,000
Raw materials and semi-manufactured articles	7,832,000	8,535,000
Animals	490,000	590,000
Manufactured goods	284,000	330,000
	23,437,000	24,094,000

THE TRADE OF SIAM.—The following table, giving the values of the imports into, and the exports from, Bangkok in each of the past ten years is taken from a report by Acting Vice-Consul French:—

	Imports.	Exports.
	\$	\$
1884	6,247,893	11,194,572
1883	5,167,459	9,207,709
1882	7,104,361	9,702,778
1881	6,279,484	9,865,956
1880	6,341,519	9,704,318
1879	6,489,817	10,807,445
1878	5,927,640	8,872,193
1877	5,930,521	9,153,607
1876	7,070,053	8,315,683
1875	6,383,235	8,427,416

Upon these figures, Mr Satow, our Agent and Consul-General in Bangkok, comments as follows:—"I have the honour to transmit herewith the trade report and returns of shipping of the port of Bangkok for the year 1884, which have been prepared by Mr French. The increase observable, both in imports and exports, as compared with the year 1883, is partly due to an enlargement in the volume of trade, and partly to the greater care in valuing goods. It is doubtful, however, whether entire reliance can in every instance be placed on the results of such a comparison, owing to the inexactness which appears to characterise the Siamese Custom-house Returns for this as well as previous years. It can scarcely be believed, for instance, that the quantity of jaconet and muslin imported should have suddenly been multiplied twenty-fold, or that the market price of chowls (coloured cloths from India) should have more than doubled in one year. Another practice, which

still further tends to work greatly in favour of importers, is the very liberal interpretation which is put upon the claim in the treaties permitting the import untaxed of all articles destined for personal use. It appears that coal, which is never required for household use, gunny bags, and machinery oil are among the articles which are thus admitted duty free. It is time that manufacturers resorted to some other methods of marking their goods than the trade-marks, labels, and capsules that are now employed. For no sooner does any article by its good quality and moderate price obtain a ready sale in Eastern markets, than a worthless imitation begins to make its appearance, bearing an almost exact copy of the trade mark and labels which distinguish the genuine article. It is usually supposed that Hamburg is the chief port of export of these fraudulent articles. We ought not to lose sight of the fact that these statistics refer only to the trade of Bangkok, the direct commerce carried on with foreign countries by the provinces and States of the Malay Peninsula; that of the Mekong Valley with Cambodia and French Cochin China, and that of the Northern Laos States with British Burmah being entirely discarded. Of this trade, which is considerable, and in the last case gives employment to thousands of British subjects, it is impossible to obtain any returns here. If its value were ascertainable, there can be little doubt that the whole amount of the commerce of Siam with the rest of the world would be found to be very much larger than is usually supposed."

BRITISH INTERESTS IN SIAM.—In addition to his report upon the trade of Siam, M. Satow has forwarded a statement, in which he endeavours to arrive at some conclusion as to the proportion of that trade which is in British hands. It is as follows:—"As it does not appear that any attempt has been made in recent years to show what proportion of the total trade of Bangkok is in the hands of British subjects, I think the following statistics and analysis of the Trade Returns for 1884 may be useful as evidence of the great preponderance of British commercial interests in Siam as compared with the interests of other treaty Powers. I have been assisted in this inquiry by one of the principal English merchants of this port. The amount of foreign fixed capital invested in land, houses, and mills may be estimated at about 191,280*l*, divided as follows:—

British—	£
European	69,000
Asiatic	62,280
French	30,000
German	30,000

It should be observed that the cost of the real property held by Asiatic subjects of Her Majesty, ascertained by reference to the Land Register of Her Majesty's Consulate-General, amounts to about 48,000*l*, taking the actual purchase-money paid when the various plots were purchased, and the enhancement in value due to the increased prosperity of Bangkok, together with the additional capital invested in buildings and machinery, may be fairly taken at not less than 14,000*l* to 15,000*l*. The trade is chiefly carried on by means of established lines of steamers running between Hong Kong, Singapore, and Bangkok, the values of which are: British 208,000*l*, German 25,000*l*. Cargo coming from or destined for Europe is usually transhipped at Singapore. I have no means of estimating the freights earned by its transmission in British steamers between that colony and Great Britain. It is difficult to obtain even an approximate idea of the amount of floating capital employed in the trade; some of it is Siamese. Of continental, that is, German and French, there is perhaps about 55,000*l*. One English firm alone employs 30,000*l*, while the transactions of two Indian houses amount to as much as 180,000*l* a-year. The balance of the money required is obtained principally from the British banks in Singapore and Hong Kong, through their agencies in Bangkok, bills of lading being hypothecated in return for advances. The direct trade with Europe is in most years extremely small, and it is only in consequence of the large export of rice in 1884 that we find the sum of 250,000*l* credited to Europe. Nine-

Oct. 10,
1885.

ACCOUNTS RELATING TO TRADE AND NAVIGATION IN THE UNITED KINGDOM.

I.—IMPORTS AND CONSUMPTION.

An Account of the Imports of the Principal and other Articles of Foreign and Colonial Merchandise, showing the Consumption of Duty-Paying Articles in the Nine Months ended Sept. 30, 1885, compared with the corresponding period of 1884; also for the Month ended Sept. 30, 1885, compared with the same period of 1884.

IMPORTS.	QUANTITIES.		VALUE.		QUANTITIES.		VALUE.	
	Nine Months ended Sept. 30.				Month ended Sept. 30.			
	1884.	1885.	1884.	1885.	1884.	1885.	1884.	1885.
I.—ANIMALS, LIVING (For Food).								
Oxen and Bulls—From Denmark	39,595	28,106	793,261	560,755	2,155	1,396	43,134	27,366
Germany	6,436	6,317	128,720	126,097	3,612	3,252	72,240	64,989
Spain	14,399	9,635	269,464	178,988	2,459	958	46,668	17,740
Canada	41,468	50,244	886,784	1,038,824	10,261	10,088	218,317	205,559
United States	122,023	115,213	2,915,558	2,696,677	11,169	9,325	261,398	216,146
Other Countries	27,347	19,990	586,067	412,457	2,861	1,815	79,495	37,341
Total	251,268	229,505	5,579,854	5,013,798	32,517	26,834	721,252	569,141
Cows	50,885	39,960	1,003,353	789,222	5,401	3,927	105,012	75,318
Calves	47,560	40,330	224,057	185,580	3,693	3,113	18,520	14,977
Sheep and Lambs—From Denmark	54,138	30,712	113,871	59,207	14,425	7,438	26,862	13,668
Germany	459,039	297,242	958,609	622,889	18,832	17,065	49,929	44,842
Holland	131,671	166,429	367,465	453,076	22,800	34,678	68,303	103,726
Canada	41,160	32,762	87,379	67,414	16,151	6,878	34,374	14,465
United States	24,886	9,934	59,045	26,011	1,194	669	3,120	2,007
Other Countries	39,972	40,127	84,863	81,676	5,695	2,117	10,991	2,960
Total	750,866	577,206	1,671,232	1,310,273	79,097	68,845	193,669	181,668
Swine	22,594	14,431	69,863	56,190	5,039	4,904	15,982	19,126
Total of Animals Living .....	...	...	8,548,359	7,355,063	...	...	1,054,435	860,230
II.—ARTICLES OF FOOD & DRINK.								
A.—DUTY FREE.								
Corn : Wheat—From Russia	3,987,806	8,287,076	1,610,106	3,073,243	747,705	795,309	273,425	235,398
Germany	682,949	1,272,187	317,634	521,912	140,643	165,642	58,17	64,52
France	18,817	1,962	5,477	732	5,841	135	1,162	59
Turkey	489,060	556,757	181,574	196,917	26,365	192,094	10,106	69,063
Roumania	687	167,939	211	62,625	...	...	...	...
Egypt	788,402	109,983	276,776	38,320	89,922	11,591	29,634	4,679
United States—On the Atlantic	11,914,167	9,175,574	5,259,796	3,752,657	2,573,082	1,081,546	1,041,425	441,418
On the Pacific	7,474,067	12,697,811	3,410,787	5,154,308	545,817	870,816	224,206	331,708
Chili	782,955	1,167,337	334,956	462,694	172,282	368,108	67,669	139,806
British East Indies	5,715,775	7,856,075	2,350,109	2,961,158	1,176,401	1,345,875	455,877	486,951
Australasia	3,951,736	4,587,098	1,746,279	1,882,018	1,108,829	1,029,676	449,533	419,266
British North America	1,210,033	1,372,440	526,359	567,356	315,030	377,442	127,317	153,225
Other Countries	682,693	1,027,050	271,621	351,621	134,302	79,999	50,730	28,007
Total	37,699,147	48,279,289	16,291,685	19,026,051	7,036,219	6,318,233	2,789,201	2,424,100
Wheat Meal & Flour—Fm. Germany	1,336,223	998,688	922,846	625,966	186,702	138,068	130,313	81,693
France	117,411	126,302	84,106	78,979	13,465	7,251	9,287	4,611
Austrian Territories	1,234,861	1,363,022	1,053,484	1,068,300	145,694	114,676	119,528	91,315
United States	7,691,228	9,369,885	5,122,032	5,478,494	936,351	539,356	596,541	341,205
British North America	476,703	167,427	319,775	98,085	128,840	42,631	87,292	25,363
Other Countries	504,948	318,793	306,349	200,683	39,618	37,372	24,417	21,766
Total	11,361,374	12,344,117	7,808,592	7,550,507	1,450,670	929,892	987,378	565,953
Barley	7,797,589	11,196,313	2,592,262	3,242,154	1,828,945	1,333,167	581,567	381,494
Oats	9,886,169	10,112,121	3,217,109	3,345,123	1,122,236	1,174,897	356,788	362,076
Peas	1,214,972	1,330,302	430,771	445,886	102,099	149,739	35,066	52,340
Beans	2,451,063	2,735,493	818,310	832,577	282,626	378,881	91,726	113,805
Indian Corn or Maize	20,754,374	24,786,200	6,149,346	6,731,656	2,180,147	2,103,837	617,372	547,806
Indian Corn Meal	12,367	9,632	17,228	13,444	1,020	1,570	1,848	2,069
Total of Corn, &c .....	...	...	37,325,303	41,187,398	...	...	5,440,946	4,449,643
Bacon—From United States	1,415,440	1,817,472	3,218,002	3,375,825	116,975	179,056	286,059	315,302
Other Countries	680,155	595,933	1,973,770	1,642,049	97,082	71,171	280,716	184,051
Total	2,095,595	2,413,405	5,191,772	5,017,874	214,057	250,227	566,775	499,353
Beef : Salted—From United States	150,722	178,995	299,870	349,807	14,364	14,010	27,321	23,706
Other Countries	6,111	4,211	11,982	8,605	1,381	1,098	2,934	2,320
Total	156,833	183,206	311,852	358,412	15,745	15,108	30,255	26,026

QUANTITIES of CORN and WHEAT FLOUR IMPORTED in the MONTH from

Sept. 1, 1883, to Sept. 30, 1883.	Sept. 1, 1884, to Sept. 30, 1884.	Sept. 1, 1885, to Sept. 30, 1885.
cwts. = qrs.	cwts. = qrs.	cwts. = qrs.
Wheat	6,324,190	1,459,428
Wheat Flour	1,053,247	300,928
Barley	1,548,227	453,504
Oats	865,245	314,635
Peas	41,120	9,138
Beans	240,370	56,086
Indian Corn	2,799,822	653,292
		2,180,147
		598,701
		2,103,837
		490,895

IMPORTS.	QUANTITIES.		VALUE.		QUANTITIES.		VALUE.	
	Nine Months ended September 30.				Month ended September 30.			
	1884.	1885.	1884.	1885.	1884.	1885.	1884.	1885.
Principal and other Articles.								
II.—ARTICLES OF FOOD & DRINK.								
Total of Principal Articles £			90,912,638	91,525,089				
Total of Other Articles.....£			3,241,711	3,410,750				
Total Articles of Food and Drink £			94,154,349	94,935,839				
B.—DUTIABLE.								
Chicory—Imports .....cwts	85,118	94,252	{ 48,464	53,834	{ 7,453	9,026	{ 4,158	5,167
Home Consumption	72,405	75,119				7,057	8,131	
Cocoa—Imports.....lbs	19,964,162	19,331,038	{ 696,589	683,868	{ 1,474,841	1,670,201	{ 54,095	69,882
Home Consumption.....	10,707,302	11,353,931				1,427,210	1,473,834	
Coffee—From Ceylon.....cwts	225,634	193,108	884,859	725,172	16,765	19,874	63,400	74,833
Other British Possessions.....	262,878	227,754	963,112	765,351	6,097	4,217	18,966	13,622
Brazil	128,282	137,352	335,689	348,022	7,353	7,555	20,953	19,165
Central America.....	279,035	213,880	899,483	711,207	3,821	27,969	12,843	94,499
Other Countries	111,356	112,513	313,722	310,591	10,336	5,944	29,835	14,685
Total { Imports	1,007,185	884,807	{ 339,685	2,860,343	{ 44,372	65,359	{ 145,997	216,804
Home Consumption	220,931	227,092				24,722	24,089	
Currants—Imports .....cwts	492,317	536,360	{ 683,165	720,861	{ 304,810	343,848	{ 409,711	457,216
Home Consumption	509,420	551,151				136,634	171,210	
Raisins—Imports	138,939	191,995	{ 238,266	308,042	{ 94,132	105,319	{ 163,073	170,163
Home Consumption	135,248	143,273				42,558	45,048	
Tea—From British East Indies ....lbs	36,425,823	37,956,614	2,216,446	2,195,762	7,871,682	8,219,598	466,526	478,458
China (inc. Hong Kong and Macao)	100,533,218	106,906,547	4,667,598	5,192,353	17,298,204	22,633,788	834,314	1,090,761
Other Countries	3,846,042	3,140,324	195,582	153,068	445,535	180,715	23,216	8,843
Total { Imports	140,805,083	148,003,485	{ 707,9626	7,541,183	{ 25,615,421	31,034,101	{ 132,4056	1,578,062
Home Consumption	131,100,574	139,965,014				16,172,737	13,241,532	
Spirits, not sweetened or mixed—								
Brandy—Imports .....prf. galls	1,540,227	1,872,381	{ 689,812	832,943	{ 181,135	192,680	{ 85,122	85,179
Home Consumption	2,046,528	1,937,394				269,240	221,887	
Rum—Imports	5,911,696	6,106,485	{ 521,191	490,831	{ 684,091	714,241	{ 59,748	64,759
Other Sorts—Imports	1,465,436	1,308,424	{ 143,756	120,948	{ 100,739	124,140	{ 12,032	12,157
Home Consumption	906,483	1,000,841				103,102	130,281	
Total { Imports	8,917,359	9,287,290	{ 135,4759	1,444,722	{ 965,965	1,031,061	{ 156,902	162,095
Home Consumption	5,546,168	3,496,631				650,645	603,208	
Wine Imports:—From British Possessions in South Africa ...gallons	54,536	33,635	23,455	12,470	4,122	5,117	2,103	2,313
Other British Possessions	40,320	47,673	11,507	13,936	4,312	5,392	896	1,837
Germany	273,894	265,822	36,881	36,179	27,305	32,336	3,394	4,529
Holland	310,528	299,017	188,168	184,659	24,056	22,306	14,705	13,678
France { Red	3,050,831	3,107,567	807,995	832,199	303,476	290,801	79,204	77,275
White	1,191,269	1,225,752	1,115,104	1,147,127	120,634	97,743	114,973	88,232
Portugal	2,293,755	2,288,672	715,448	671,612	194,274	211,808	63,798	61,432
Madeira	84,968	87,233	35,980	33,936	18,678	18,729	6,911	5,713
Spain { Red	866,947	958,762	110,796	127,334	66,794	38,184	8,289	5,026
White	2,450,246	2,090,889	732,409	629,896	190,721	201,207	59,802	56,613
Italy	420,325	432,452	81,912	85,664	32,983	47,024	6,018	8,962
Other Countries	110,439	89,867	44,598	37,957	21,702	7,767	7,393	3,745
Total { Of Wine	11,148,058	10,927,341	3,904,253	3,812,969	1,009,057	978,414	367,466	329,355
Red	6,501,583	6,626,632	1,697,861	1,697,295	592,976	567,355	156,654	149,815
White	4,646,475	4,300,709	2,206,392	2,115,674	416,081	411,059	210,812	179,540
Wine entered for Home Consump.—								
From France { Red	2,972,184	3,045,642	...	...	290,619	262,805	...	...
White	1,124,520	1,190,528	...	...	108,597	78,176	...	...
Portugal	2,040,426	2,185,321	...	...	221,210	200,755	...	...
Spain { Red	827,408	874,533	...	...	89,527	62,286	...	...
White	2,190,268	2,121,506	...	...	224,400	184,515	...	...
Other Countries	1,114,113	1,054,895	...	...	113,128	98,184	...	...
Total { Of Wine	10,268,919	10,472,425	...	...	1,048,481	886,721	...	...
Red	6,122,356	6,386,055	...	...	629,559	552,981	...	...
White	4,146,563	4,086,370	...	...	418,922	333,740	...	...
Total of Principal Articles £	...	...	17,401,987	17,425,822	...	...	2,625,458	2,988,744
Total of Other Articles.....£	...	...	372,709	316,350	...	...	106,212	67,263
Total Articles of Food and Drink... £	...		17,774,696	17,742,172	...	...	2,731,670	3,058,007
Tobacco— { Imports ...lbs	44,789,994	64,960,670	14,777,113	2,111,957	{ 11,753,801	14,492,807	{ 379,713	466,108
Home Consump.	37,657,411	38,301,774			{ 4,200,653	4,270,422		
Manufactured { Imports	2,420,407	3,122,831	{ 737,421	864,806	{ 235,834	403,955	{ 59,924	145,105
Home Consump.	1,109,546	1,270,077			{ 121,153	129,640		
Total { Imports	47,210,401	68,083,501	{ 2,215,134	2,976,763	{ 11,980,635	14,896,762	{ 439,637	611,213
Total { Home Consump.	38,766,957	39,571,851			{ 4,330,806	4,400,062		
III.—METALS.								
Copper—Ore—From Italy	7,108	4,787	35,488	23,459	191	...	1,039	...
United States.....	25,737	4,557	495,203	68,551	6,878	124	128,113	1,690
Venezuela	20,694	27,196	131,600	126,019	2,690	3,194	19,530	12,950
Bolivia	1,070	4,310	11,660	35,479	381	...	4,000	...
Chili	115	372	2,300	5,915	52	...	1,040	...
Cape of Good Hope	15,704	16,505	248,472	198,833	3,949	3,210	58,470	37,242
British North America.....	2,066	1,911	8,985	3,940	620	...	3,720	...
Other Countries	22,614	15,872	159,104	97,329	451	3,146	5,879	13,571
Total.....	95,098	75,510	1,092,812	559,525	15,212	9,674	221,791	65,453

Note.—The Quantities of Goods entered for Home Consumption include the deliveries from the Excise Warehouses under Act 44 Vict. c. 12.

IMPORTS.	QUANTITIES.		VALUE.		QUANTITIES.		VALUE.	
	Nine Months ended September 30.				Month ended September 30.			
	1884.	1885.	1884.	1885.	1884.	1885.	1884.	1885.
Principal and other Articles.								
VI.—RAW MATERIALS, &c. (Con.)								
Jute	3,920,165	5,001,704	£ 2,882,940	£ 2,817,828	212,267	388,026	£ 140,946	£ 210,179
Total of Flax, Hemp, and Jute...£	...	...	6,605,780	7,227,007	...	...	450,560	542,713
Silk, Raw—From China	2,834,580	669,241	2,070,794	432,945	262,068	148,425	185,809	101,345
British East Indies	93,201	40,032	64,595	25,363	4,549	1,260	2,707	800
Japan	250,931	10,040	201,291	6,936	7,332	1,570	5,220	1,100
Other Countries	349,592	378,889	302,674	314,223	47,716	53,818	41,568	45,460
Total.....	3,528,304	1,098,202	2,639,354	779,467	321,665	205,073	235,304	148,705
Knubs or Husks of Silk & Waste.cwts	49,666	36,122	671,615	456,805	4,348	4,682	61,380	58,393
Thrown, Dyed or Undyed	258,612	172,834	279,056	177,438	25,149	13,816	27,693	12,788
Wool, Sheep and Lambs'—From Countries in Europe	26,247,424	35,214,382	1,066,933	1,402,857	4,264,650	5,254,120	164,443	225,108
British Possessions in South Africa	43,588,562	39,945,221	2,457,010	2,145,863	3,607,160	3,560,768	199,535	193,173
British East Indies	19,908,771	19,831,468	721,487	640,159	2,902,477	2,043,036	101,206	64,455
Australasia	337,999,131	320,220,365	17,621,046	16,455,291	10,805,274	5,200,000	556,800	292,086
Other Countries	16,563,146	15,025,755	643,302	497,187	3,003,180	3,316,881	104,036	104,100
Total.....	444,307,034	430,237,191	22,509,778	21,141,357	24,582,741	19,374,805	1,126,020	878,922
Alpaca, Vicuna, Llama.....	7,288,902	2,705,616	442,367	137,958	897,619	1,185,123	47,874	62,732
Goats' Wool or Hair	12,405,477	9,205,836	959,670	581,051	1,958,025	1,886,974	150,997	120,766
Woollen Rags, torn up or not, to be used as Wool	55,242,880	57,346,240	539,267	529,993	3,718,400	5,443,200	37,452	51,748
Total of Principal Articles £	...	...	64,445,536	55,493,691	...	...	3,330,334	2,539,631
Total of Other Articles..... £	...	...	260,040	258,428	...	...	35,763	34,100
Total of Raw Materials for Textile Manufactures...£	...	...	64,705,576	55,752,119	...	...	3,366,097	2,573,731
VII.—RAW MATERIALS FOR SUNDRY INDUSTRIES AND MANUFACTURES.								
Bark—Peruvian	80,222	84,816	712,844	590,952	9,848	7,180	73,351	43,217
Bristles	2,186,797	2,141,843	352,282	304,731	239,632	285,713	39,386	37,415
Caoutchouc	155,088	133,091	1,849,772	1,471,860	11,657	11,503	135,623	117,758
Gum—Arabic	42,050	66,020	126,842	224,057	2,686	4,637	9,719	14,541
Lac, Seed, Shell, Stick, and Dye	81,604	96,913	346,585	312,548	4,229	7,599	15,262	22,752
Guutta Percha	52,558	39,247	395,055	253,971	4,401	3,197	31,466	18,236
Hides, Raw, and Pieces thereof : Dry—From British East Indies.....	350,573	369,214	1,228,826	1,273,257	27,104	29,386	87,571	86,798
Other Countries	145,113	147,843	541,317	541,766	12,832	11,146	45,551	39,974
Total.....	495,686	517,057	1,770,143	1,815,023	39,936	40,532	133,122	126,772
Wet—From Belgium..... cwts	59,089	64,737	170,910	179,735	4,025	2,938	10,962	7,341
France	44,042	46,321	123,501	125,625	6,873	3,319	19,574	8,434
Argentine Republic and Uruguay	78,649	72,795	241,398	205,881	21,966	11,210	62,607	19,389
Brazil	64,952	49,347	191,235	137,967	9,750	10,965	27,744	29,389
Australasia	60,751	33,618	133,853	82,036	5,458	1,187	10,520	2,600
Other Countries	130,367	134,998	352,180	354,345	13,725	10,866	38,863	30,403
Total.....	437,850	401,816	1,213,077	1,085,589	61,797	40,485	170,270	97,556
Ivory, Teeth, Elephants', &c. ....cwts	7,378	6,834	346,123	329,618	1,336	1,115	64,330	56,642
Manures—Guano	35,776	18,610	326,336	179,534	8,464	901	65,638	10,301
Bones, whether burnt or not	55,140	44,980	339,640	254,727	6,464	6,327	37,758	35,762
Rags, and other Materials used for Making Paper—Linen and Cotton Rags	25,286	25,887	342,453	338,638	2,161	2,338	31,785	30,051
Esparto, and other Vegetable Fibres	139,260	156,016	845,732	897,356	14,372	10,731	83,962	60,963
Rosin..... cwts	1,208,403	1,133,081	315,649	274,846	120,853	95,665	30,998	30,054
Tallow and Stearine—From Russia	4,858	3,553	8,368	6,352	730	600	1,634	1,050
Argentine Republic	92,182	87,771	180,160	142,427	11,444	5,884	20,479	9,881
United States	280,924	214,934	532,120	350,187	24,581	6,480	38,971	9,545
Australasia	427,366	319,678	801,664	499,308	59,015	40,010	109,328	55,174
Other Countries	156,713	196,178	300,453	314,039	28,286	19,126	53,850	26,126
Total.....	962,043	822,114	1,822,765	1,312,313	124,056	72,100	224,262	101,776
Tar..... barrel	131,130	129,852	92,726	81,874	35,529	42,473	25,807	27,888
Wood and Timber : Hewn—From Russia	190,965	207,054	356,646	372,156	31,118	38,822	52,971	65,605
Sweden and Norway	488,225	419,001	730,172	586,095	59,858	43,688	91,409	62,989
Germany	222,080	245,404	538,441	567,777	19,501	21,686	47,484	56,253
United States	147,609	120,675	542,272	403,939	8,116	7,658	32,929	26,734
British East Indies	31,798	28,610	464,169	387,962	5,636	3,204	86,677	43,876
British North America	172,126	188,254	758,341	830,602	31,271	61,094	142,981	274,965
Other Countries	318,613	312,147	431,327	443,273	34,169	36,149	36,654	54,191
Total.....	1,571,416	1,521,145	3,821,368	3,591,804	189,669	212,301	491,105	584,613
Sawn or split, planed or dressed—From Russia.....	843,094	842,700	1,803,171	1,817,484	204,503	194,731	467,145	451,009
Sweden and Norway	1,247,192	1,317,787	2,655,916	2,773,644	167,445	191,525	349,490	401,700
British North America	729,733	683,798	1,721,602	1,674,846	139,753	230,935	328,495	545,894
Other Countries	322,791	277,988	988,846	826,119	18,199	32,853	53,049	94,177
Total.....	3,142,810	3,122,273	7,169,535	7,092,093	529,900	650,044	1,198,179	1,492,780

IMPORTS.	QUANTITIES.		VALUE.		QUANTITIES.		VALUE.	
	Nine Months ended September 30.				Month ended September 30.			
	1884.	1885.	1884.	1885.	1884.	1885.	1884.	1885.
Principal and other Articles.								
VII.—RAW MATERIALS, &c. (Con).								
Wood, &c. (Con). — Staves of all dimensions	loads	104,544	90,345	£ 399,139	376,312	15,977	14,332	£ 53,012
Mahogany.....tons	46,859	45,671	427,949	400,076	5,849	7,119	51,098	53,427
Total of Principal Articles £	...	...	23,026,015	21,187,922	...	...	2,966,133	3,022,816
Total of Other Articles £	...	...	8,790,619	7,540,870	...	...	1,562,715	950,382
Total of Raw Materials for Sundry Industries and Manufactures.....£	...	...	31,816,634	28,728,792	...	...	4,528,848	3,973,198
VIII. MANUFACTURED ARTICLES								
Clocks	number	502,747	548,474	306,190	289,575	52,012	46,575	33,250
Cotton Manufactures, of all sorts.....£		...	...	1,713,032	1,547,330	...	...	174,600
Glass—Window &c. ....cmts	521,156	584,210	368,361	392,411	68,443	63,763	49,245	43,211
Plate, silvered or not.....	62,049	74,286	116,577	140,651	7,035	6,800	14,299	12,860
Manufactures, unenumerated	438,913	449,689	652,742	640,689	51,990	61,024	79,846	78,716
Hats or Bonnets of Straw	lbs	262,582	359,115	52,351	67,677	8,373	7,187	2,074
Iron manufactures, unenumerated..cmts	2,816,870	2,511,438	2,073,438	1,741,543	383,115	320,736	272,089	206,380
Leather*—From France	lbs	3,669,031	4,103,911	531,916	652,999	402,491	421,921	59,821
British East Indies.....	20,881,245	23,408,331	1,410,796	1,587,073	2,430,560	3,001,779	165,896	216,245
Australasia	9,167,220	9,329,519	451,607	446,473	1,272,534	748,208	62,242	35,901
United States	20,016,617	21,069,637	1,069,165	1,133,267	2,769,395	2,382,164	151,068	127,865
Other Countries	4,075,983	3,557,156	648,160	571,164	563,414	389,161	73,187	66,997
Total.....	57,810,096	61,468,554	4,111,644	4,390,976	7,438,394	6,943,233	512,214	513,319
Boots and Shoes.....dozen pairs	81,108	72,414	259,700	247,804	8,872	9,549	29,619	30,087
Gloves	1,197,578	1,062,370	1,344,552	1,165,332	105,620	118,151	115,247	128,781
Paper	157,940	190,863	241,618	281,600	15,921	19,674	23,420	29,931
Other kinds (except Hangings)—	896,129	823,076	796,211	713,634	105,781	92,770	91,704	86,474
Silk Manufactures — Broadstuffs —								
From Holland .....	£	...	...	1,408,310	1,312,200	...	...	205,289
France .....	...	...	3,776,868	3,074,759	...	...	335,612	293,486
Other Countries .....	...	...	5,706	96,301	...	...	50	8,760
Total.....	...	...	5,190,884	4,483,260	...	...	540,951	471,956
Ribbons, Silk or Satin—Belgium .....	...	...	1,036,040	1,232,748	...	...	129,189	180,789
France .....	...	...	227,648	307,943	...	...	22,922	53,766
Other Countries .....	...	...	131,624	150,792	...	...	16,714	18,032
Total.....	...	...	1,395,312	1,691,483	...	...	168,825	252,587
Ribbons, of other kinds .....	...	...	111,519	57,978	...	...	10,737	10,926
Other Sorts of Silk Manufs. unenum.	...	...	2,221,119	1,926,777	...	...	247,726	212,428
Watches	390,678	376,271	453,465	448,512	44,715	42,879	55,456	47,202
Woollen Manufactures—Of Goats' Wool or Hair, mixed or not	£	...	59,448	62,718	...	...	7,221	8,096
Of Wool, other than Goats', or Wool mixed with Cotton—Cloths...yds	696,587	1,216,755	112,451	193,884	65,874	174,768	12,817	29,413
Stuffs.....	35,739,793	44,544,280	3,423,084	4,155,563	4,295,273	5,152,805	408,364	475,221
Unenumerated.....	...	...	1,870,034	1,547,676	...	...	240,683	212,864
Woollen Yarn for Weaving, mixed or not with Silk	lbs	10,058,533	10,686,832	1,267,147	1,287,778	1,241,660	1,335,143	154,035
Zinc Manufactures, unenumerated cwts	291,184	283,739	285,317	261,100	40,168	40,617	39,060	36,351
Total of Principal Articles £	...	...	29,428,196	27,738,951	...	...	3,283,755	3,220,240
Total of Other Articles £	...	...	12,406,621	13,101,150	...	...	1,485,642	1,530,806
Total of Manufactured Articles £	...	...	40,834,817	40,840,101	...	...	4,769,397	4,751,046
IX.—MISCELLANEOUS ARTICLES.								
Animals, Horses	number	10,836	11,530	209,568	164,036	1,291	868	21,790
Drugs, unenumerated.....£		...	...	613,696	579,475	...	...	51,008
Oil Seed Cakes.....tons	198,218	211,939	1,498,583	1,535,325	15,273	9,205	122,399	69,185
Seeds—Clover and Grass	cwts	233,230	227,553	539,038	551,952	12,067	13,000	20,819
Cotton—From Egypt.....tons	103,809	178,026	814,913	1,268,196	1,714	1,682	14,266	11,103
Other Countries	18,367	23,199	114,618	137,456	1,270	906	7,899	5,452
Total.....	122,176	201,225	929,531	1,405,652	2,984	2,588	22,165	16,555
Flax and Linseed—From Russia...qrs	226,490	99,953	445,374	195,730	40,410	18,449	81,304	37,252
British East Indies.....	774,187	1,114,078	1,664,003	2,362,314	73,937	197,964	160,968	416,425
Other Countries	125,927	267,636	269,579	580,026	2,587	11,264	5,950	24,931
Total.....	1,126,604	1,481,667	2,378,956	3,138,070	116,934	227,677	248,222	478,608
Rape—From British East Indies...qrs	372,547	271,326	828,149	520,257	51,817	75,453	107,523	137,786
Other Countries	65,212	142,212	102,581	158,742	1,684	5,298	4,370	7,964
Total.....	437,759	413,538	930,730	678,999	53,501	80,751	111,893	145,750
Total of Principal Articles £	...	...	7,100,102	8,053,509	...	...	598,296	824,693
Total of Other Articles £	...	...	2,645,504	2,468,348	...	...	320,770	319,766
Total of Miscellaneous Articles £	...	...	9,745,606	10,521,857	...	...	919,066	1,144,399
Total Value of Imports	£	...	294,946,594	283,166,231	...	...	32,249,598	29,963,788

Under the designation of "Leather" are comprised the following articles—Hides, tanned, tawed, curried or any way dressed; Goatskins dressed; Sheep skins, dressed.

II.—EXPORTS—BRITISH AND IRISH PRODUCE, &c.

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EXPORTS.	QUANTITIES.		VALUE.		QUANTITIES.		VALUE.	
	Nine Months ended September 30.				Month ended September 30.			
	1884.	1885.	1884.	1885.	1884.	1885.	1884.	1885.
Principal and other Articles.								
I.—ANIMALS LIVING.								
Horses	5,832	5,134	342,281	300,370	660	745	32,942	45,507
Other Animals	£	...	167,028	108,596	...	...	25,666	24,737
Total Value of Animals, Living .....	...	...	509,309	408,966	...	...	58,608	70,244
II. ARTICLES OF FOOD AND DRINK.								
Beer and Ale—To United States	brls	26,220	23,041	119,734	97,101	2,674	2,891	13,394
British Possessions in S. Africa		17,922	18,743	70,813	72,464	422	537	2,503
British W. I. Islands and Guiana		18,553	13,897	76,083	57,782	953	1,820	3,936
British East Indies		65,145	41,430	171,848	136,282	2,318	2,019	9,757
Australasia		77,771	90,530	350,226	394,193	7,256	8,153	8,495
Other Countries		124,340	129,919	430,470	438,837	12,507	15,547	37,634
Total.....		329,951	317,560	1,219,174	1,196,659	26,130	30,967	111,514
Butter	cwts	21,714	19,750	151,655	125,173	3,304	2,285	23,560
Cheese		9,288	8,010	38,740	32,527	1,506	1,113	6,424
Fish, Herrings		922,351	859,302	1,184,221	1,100,756	378,838	398,680	441,421
Other Descriptions .....	£	...	...	326,366	333,815	...	...	458,651
Hops	cwts	4,736	3,472	29,455	21,993	800	634	50,907
Pickles, Vinegar, Sauces, Condiments, & Confectionery, unenumerated .....	£	...	...	981,860	960,456	...	...	57,825
Provisions (including Meat) .....		...	...	556,064	597,804	...	...	122,180
Salt, Rock and White	tons	755,486	666,566	472,079	479,205	106,953	83,046	119,641
Spirits, British & Irish—To France gals		22,566	15,981	5,629	4,830	2,628	2,377	445
Portugal, Azores, and Madeira		1,731	2,168	679	997	196	368	81
West Coast of Africa (Foreign)		165,323	121,984	22,498	19,315	8,300	3,575	994
United States		82,657	74,104	24,552	23,671	20,972	29,310	6,054
British North America		96,575	103,892	29,651	29,979	15,001	16,995	8,393
British East Indies		240,913	284,485	92,171	111,289	33,950	37,451	4,956
Australasia		952,559	1,037,349	291,721	308,980	126,163	143,725	12,872
Other Countries		294,890	283,853	103,346	105,222	30,793	39,758	15,255
Total.....		1,857,214	1,923,816	570,247	604,283	238,012	273,659	11,042
Sugar, Refined, & Candy—Denmark..cwts		165,517	99,338	140,975	76,965	15,394	13,279	445
Belgium		78,827	62,022	65,391	44,335	18,010	10,790	10,173
France		146,405	62,414	129,848	47,960	8,617	13,189	8,694
Portugal, Azores, and Madeira		76,051	62,191	64,351	46,346	10,513	6,678	5,162
Italy		177,405	195,904	155,546	140,948	17,449	30,936	4,481
British North America		68,002	16,668	55,537	11,205	9,948	1,133	25,010
Other Countries		287,807	229,190	279,601	176,399	29,462	24,622	853
Total.....		1,000,014	727,727	891,249	544,158	109,393	93,187	21,125
Other Articles.....	£	...	...	1,243,288	1,069,256	...	...	159,906
Total Articles of Food and Drink...£		...	...	7,664,398	7,066,085	...	...	1,216,473
III.—RAW MATERIALS.								1,215,072
Coal, Coke, Cinders, & Fuel—Russia..tons		1,349,847	1,250,533	606,428	536,382	169,010	175,359	76,427
Sweden and Norway		1,256,648	1,377,546	549,643	576,267	181,437	185,810	75,322
Denmark		803,714	820,014	320,804	316,458	122,095	97,413	78,232
Germany		1,814,102	1,895,526	682,043	688,482	251,819	259,685	41,718
Holland		317,488	226,539	136,180	93,655	45,209	35,240	95,576
France		3,201,795	3,070,217	1,347,070	1,270,704	370,709	311,477	14,577
Spain and Canaries		942,540	987,249	502,299	506,219	81,652	114,528	152,752
Italy		1,794,780	2,079,577	780,074	870,847	166,127	165,474	60,542
Turkey		235,810	224,438	124,185	115,557	25,735	24,649	69,273
Egypt		881,247	875,943	464,434	445,534	132,729	85,813	12,265
Brazil		397,927	367,702	231,359	206,313	37,579	40,456	68,482
Gibraltar		340,506	284,833	180,390	141,650	12,737	4,507	23,531
Malta		401,480	485,869	221,486	249,681	55,410	53,179	6,688
British East Indies		983,780	986,951	531,090	517,835	81,506	82,160	2,161
Other Countries		3,042,508	2,925,251	1,611,577	1,496,086	381,915	324,339	30,090
Total.....		17,764,172	17,858,188	8,289,062	8,031,670	2,115,669	1,960,089	161,614
Coals, &c., Shipped for use of Steamers engaged in Foreign Trade	tons	4,902,941	4,983,197	...	...	599,490	581,478	879,405
Wool, Sheep & Lambs—To Russia lbs		437,700	123,800	27,690	8,247	60,400	28,400	3,977
Germany		3,432,300	3,347,100	189,348	172,911	518,300	305,100	1,968
Holland		142,900	320,600	9,645	16,862	11,700	32,000	15,730
Belgium		674,500	463,600	41,484	24,283	4,600	44,800	1,812
France		1,918,900	3,384,400	88,226	149,235	254,100	304,100	2,633
United States		6,726,000	4,704,600	236,870	140,405	1,357,000	1,278,700	14,037
British North America		232,200	514,300	10,607	23,133	35,600	71,800	34,756
Other Countries		400,000	249,000	25,307	13,214	59,800	27,800	3,261
Total.....		13,964,500	13,107,400	629,177	548,290	2,301,500	2,092,700	1,449
Other Articles .....	£	...	...	1,319,932	1,299,424	...	...	127,069
Total Value of Raw Materials ...£		...	...	10,238,171	9,879,384	...	...	1,093,657

II.—EXPORTS—BRITISH AND IRISH PRODUCE, &c.

An Account of the Exports of the Principal and other Articles of British and Irish Produce and Manufactures from the United Kingdom in the Nine Months ended September 30, 1885, compared with the corresponding Period of 1884; also for the Month ended September 30, 1885, compared with the same Period of 1884.

EXPORTS.	QUANTITIES.		VALUE.		QUANTITIES.		VALUE.	
	Nine Months ended September 30.				Month ended September 30.			
	1884.	1885.	1884.	1885.	1884.	1885.	1884.	1885.
Principal and other Articles.								
I.—ANIMALS LIVING.								
Horses	5,832	5,134	£ 342,281	£ 300,370	660	745	£ 32,942	£ 45,507
Other Animals .....	...	...	167,028	108,596	...	...	25,666	24,737
Total Value of Animals, Living .....	...	...	509,309	408,966	...	...	58,608	70,244
II. ARTICLES OF FOOD AND DRINK.								
Beer and Ale—To United States	26,220	23,041	119,734	97,101	2,674	2,891	13,394	14,900
British Possessions in S. Africa	17,922	18,743	70,813	72,464	422	537	2,503	2,275
British W. I. Islands and Guiana	18,553	13,897	76,083	57,782	953	1,820	3,936	7,657
British East Indies	65,145	41,430	171,848	136,282	2,318	2,019	9,757	8,495
Australasia	77,771	90,530	350,226	394,193	7,256	8,153	37,634	38,055
Other Countries	124,340	129,919	430,470	438,837	12,507	15,547	44,290	52,089
Total	329,951	317,560	1,219,174	1,196,659	26,130	30,967	111,514	123,471
Butter	21,714	19,750	151,655	125,173	3,304	2,285	23,560	13,224
Cheese	9,288	8,010	38,740	32,527	1,506	1,113	6,424	4,507
Fish, Herrings	922,351	859,302	1,184,221	1,100,756	378,838	398,680	441,421	458,651
Other Descriptions .....	...	...	326,366	333,815	...	...	50,907	57,825
Hops	4,736	3,472	29,455	21,993	800	634	6,202	3,762
Pickles, Vinegar, Sauces, Condiments, & Confectionery, unenumerated .....	...	...	981,860	960,456	...	...	122,180	119,641
Provisions (including Meat) .....	...	...	556,064	597,804	...	...	66,814	71,534
Salt, Rock and White	755,486	666,566	472,079	479,205	106,953	83,046	64,938	62,382
Spirits, British & Irish—To France gals	22,566	15,981	5,629	4,830	2,628	2,377	445	607
Portugal, Azores, and Madeira	1,731	2,168	679	997	196	368	81	168
West Coast of Africa (Foreign)	165,323	121,984	22,498	19,315	8,309	3,675	994	672
United States	82,657	74,104	24,552	23,671	20,972	29,310	6,054	8,393
British North America	96,575	103,892	29,651	29,979	15,001	16,995	4,956	4,863
British East Indies	240,913	284,485	92,171	111,289	33,950	37,451	12,872	15,255
Australasia	952,559	1,037,349	291,721	308,980	126,163	143,725	39,728	44,856
Other Countries	294,890	283,853	103,346	105,222	30,793	39,758	11,042	14,432
Total	1,857,214	1,923,816	570,247	604,283	238,012	273,659	76,172	89,246
Sugar, Refined, & Candy—Denmark.. cwts	165,517	99,338	140,975	76,965	15,394	13,279	12,376	10,173
Belgium	78,827	62,022	65,391	44,335	18,010	10,790	13,189	8,694
France	146,405	62,414	129,848	47,960	18,617	6,678	6,664	5,162
Portugal, Azores, and Madeira	76,051	62,191	64,351	46,348	10,513	5,749	7,942	4,481
Italy	177,405	195,904	155,546	140,948	17,449	30,936	12,998	25,010
British North America	68,002	16,668	55,537	11,205	9,948	1,133	6,508	853
Other Countries	287,807	229,190	279,601	176,399	29,462	24,622	26,758	21,125
Total	1,000,014	727,727	891,249	544,158	109,393	93,187	86,435	75,498
Other Articles .....	...	...	1,243,288	1,069,256	...	...	159,906	135,331
Total Articles of Food and Drink...£	...	...	7,664,398	7,066,085	...	...	1,216,473	1,215,072
III.—RAW MATERIALS.								
Coal, Coke, Cinders, & Fuel—Russia.. tons	1,349,847	1,250,533	606,428	536,382	169,010	175,359	76,427	75,322
Sweden and Norway	1,256,648	1,377,546	549,643	576,267	181,437	185,810	78,232	78,029
Denmark	803,714	820,014	320,804	316,458	122,095	97,413	49,329	41,718
Germany	1,814,102	1,895,526	682,043	688,482	251,819	259,685	97,832	95,576
Holland	317,488	226,539	136,180	93,655	45,209	35,240	19,785	14,577
France	3,201,795	3,070,217	1,347,070	1,270,704	370,709	311,477	152,752	131,428
Spain and Canaries	942,540	987,249	502,299	506,219	81,652	114,528	45,868	60,542
Italy	1,794,780	2,079,577	780,074	870,847	166,127	165,474	73,351	69,273
Turkey	235,810	224,438	124,185	115,557	25,735	24,649	13,265	12,620
Egypt	881,247	875,943	464,434	445,534	132,729	85,813	68,482	42,478
Brazil	397,927	367,702	231,359	206,313	37,579	40,456	20,984	23,531
Gibraltar	340,506	284,833	180,390	141,650	12,737	4,507	6,688	2,161
Malta	401,480	485,869	221,486	249,681	55,410	53,179	30,090	26,722
British East Indies	983,780	986,951	531,090	517,835	81,506	82,160	44,398	43,814
Other Countries	3,042,508	2,925,251	1,611,577	1,496,086	381,915	324,339	199,845	161,614
Total	17,764,172	17,858,188	8,289,062	8,031,670	2,115,669	1,960,089	977,328	879,405
Coals, &c., Shipped for use of Steamers engaged in Foreign Trade	4,902,941	4,983,197	...	...	599,490	581,478	...	...
Wool, Sheep & Lambs'—To Russia lbs	437,700	123,800	27,690	8,247	60,400	28,400	3,977	1,968
Germany	3,432,300	3,347,100	189,348	172,911	518,300	305,100	26,994	15,730
Holland	142,900	320,600	9,645	16,862	11,700	32,000	793	1,812
Belgium	674,500	463,600	41,484	24,283	4,600	44,800	345	2,633
France	1,918,900	3,384,400	88,226	149,235	254,100	304,100	11,683	14,037
United States	6,726,000	4,704,600	236,870	140,405	1,357,000	1,278,700	43,096	34,756
British North America	232,200	514,300	10,607	23,133	35,600	71,800	1,524	3,171
Other Countries	400,000	249,000	25,307	13,214	59,800	27,800	3,261	1,449
Total	13,964,500	13,107,400	629,177	548,290	2,301,500	2,092,700	91,673	75,556
Other Articles .....	...	...	1,319,932	1,299,424	...	...	127,069	138,696
Total Value of Raw Materials ...£	...	...	10,238,171	9,879,384	...	...	1,196,070	1,093,657

[Oct. 10,
1885.]

EXPORTS.	QUANTITIES.		VALUE.		QUANTITIES.		VALUE.	
	Nine Months ended September 30.				Month ended September 30.			
	1884.	1885.	1884.	1885.	1884.	1885.	1884.	1885.
Principal and other Articles.								
IV.—B. METALS & ARTICLES MANUFACTURED THEREFROM (ex. Machinery).			£	£			£	£
Brass, Manufac. of, not Ordnance cwts	84,555	68,135	352,473	274,211	9,237	6,705	38,416	26,486
Copper : Unwrought, in Ingots, Cakes, or Slabs	273,586	265,086	819,841	652,456	22,529	31,781	65,273	74,730
Wrought or manufac., unenum.cwts	315,322	304,910	1,122,903	914,117	30,405	34,989	99,278	99,794
Mixed or yellow metal.....	281,914	305,546	782,369	723,171	36,557	34,695	97,984	78,498
Total of Copper	870,822	875,542	2,725,113	2,239,744	89,491	101,465	262,535	253,022
Hardware and Cutlery, unenumerated								
—To Russia	£							
Germany .....	...	...	32,823	30,601	...	...	3,978	4,038
Holland .....	...	...	128,549	118,821	...	...	14,807	13,666
France .....	...	...	72,228	56,370	...	...	7,911	7,435
Spain and Canaries.....	...	...	112,618	100,273	...	...	12,239	11,511
United States .....	...	...	255,697	217,123	...	...	7,636	5,533
Foreign West Indies .....	...	...	34,721	27,264	...	...	24,860	32,814
Brazil .....	...	...	129,555	97,230	...	...	4,698	4,275
Argentine Republic .....	...	...	76,990	79,147	...	...	13,618	12,293
British North America .....	...	...	103,806	87,056	...	...	10,096	9,872
British Possessions in S. Africa .....	...	...	49,923	46,223	...	...	5,094	5,423
British East Indies.....	...	...	205,135	188,949	...	...	22,059	19,407
Australasia .....	...	...	447,575	459,093	...	...	48,016	54,358
Other Countries .....	...	...	647,061	537,017	...	...	76,052	59,603
Total.....	...	...	2,367,943	2,102,812	...	...	264,301	252,159
Iron & Steel:—Iron, Pig—Russia...tons	140,897	77,242	316,828	169,149	16,674	37,296	36,496	84,744
Germany	248,598	162,963	520,913	315,525	35,157	33,931	71,649	64,119
Holland	143,085	129,577	334,777	274,911	15,274	10,742	34,006	21,858
Belgium	45,553	24,787	102,228	51,691	5,676	2,276	12,626	4,659
France	87,856	66,365	185,199	134,117	9,479	6,177	19,845	11,642
Italy	48,723	44,184	104,451	90,698	3,963	2,609	8,644	5,419
United States	130,057	80,227	406,150	236,729	15,094	10,477	45,979	30,737
British North America	31,491	31,421	97,996	93,632	9,227	7,276	27,525	19,908
Other Countries	134,993	126,950	296,700	265,457	17,245	15,196	37,267	30,960
Total.....	1,011,253	743,716	2,365,242	1,631,909	127,789	125,980	294,037	274,046
Bar, Angle, Bolt, and Rod—To Russia	2,250	1,281	17,522	9,115	111	169	772	1,166
Germany	3,786	3,209	23,030	18,368	530	296	2,950	1,641
Holland	3,265	2,863	22,445	19,418	438	306	2,832	1,682
France	754	247	4,253	1,844	286	8	1,485	89
Italy	13,254	13,504	85,179	79,814	1,131	1,566	7,284	9,585
Turkey	11,700	6,525	71,273	38,266	1,664	1,034	9,710	5,731
United States	3,759	1,623	30,153	13,512	249	192	2,191	1,686
British North America	18,750	21,600	115,910	123,798	4,196	4,800	25,607	26,391
British East Indies	46,257	42,803	284,788	244,445	6,245	4,455	35,357	23,375
Australasia	29,156	36,794	208,452	244,943	4,091	4,211	28,826	27,907
Other Countries	80,918	68,945	549,451	436,785	9,074	10,075	60,491	61,485
Total.....	213,849	199,394	1,412,456	1,230,308	28,015	27,112	177,505	160,738
Railroad of all sorts—To Russia.....	14,087	12,773	77,306	72,484	1,561	33	9,202	230
Sweden and Norway	28,186	18,625	140,188	101,330	1,193	62	6,891	801
Germany	475	25	2,260	135	48	...	378	...
Holland.....	27	487	190	2,476	27	6	190	85
Spain and Canaries	11,780	5,140	76,449	29,591	1,437	301	9,944	2,509
Italy	8,867	6,588	48,719	37,011	900	50	5,284	300
Egypt	8,489	26,781	41,014	159,973	359	349	2,047	1,998
United States	16,471	5,302	86,718	27,674	33	230	326	1,166
Mexico	4,185	726	30,222	5,774	91	45	862	463
Brazil	32,098	15,374	197,656	93,799	2,633	1,860	16,861	11,142
Argentine Republic	108,966	52,641	578,301	267,935	16,278	11,541	81,959	51,308
Chili	15,462	6,590	90,880	41,715	683	500	4,550	2,674
Peru	5,526	2,409	36,245	15,874	620	...	4,300	...
British North America	44,690	65,967	232,896	388,525	3,696	9,538	21,005	54,843
British Possessions in S. Africa	10,374	15,153	62,485	88,317	916	523	5,762	3,698
British East Indies	115,462	219,056	660,840	1,097,443	10,098	22,401	58,426	108,055
Australasia	83,110	66,378	539,453	420,570	4,902	6,736	29,685	43,598
Other Countries	44,500	37,487	264,660	223,526	7,003	4,016	45,284	26,709
Total.....	561,785	557,502	3,166,282	3,074,152	52,487	58,191	302,956	309,579
Wire of Iron or Steel and Manufactures thereof (except Telegraphic Wires).....tons	39,684	39,754	523,689	507,501	4,173	5,234	54,431	64,429
Hoops, Sheets and Boiler and Armour Plates (including Galvanised Sheets)—Russia ...tons	11,889	9,513	122,663	82,461	1,638	1,490	22,378	12,294
Germany	8,807	6,685	60,671	50,414	1,250	766	7,952	5,020
Holland	8,881	7,424	60,600	45,266	909	848	4,942	4,492
France	4,455	2,485	52,139	29,643	385	280	4,686	3,294
Spain and Canaries	4,562	3,774	40,260	31,776	377	385	2,923	3,110
Italy	12,832	10,615	186,841	82,723	1,064	1,274	8,720	10,212
United States	14,914	16,602	160,723	124,646	1,109	2,758	29,278	20,101
British North America	10,946	12,684	112,807	117,905	2,392	1,845	25,057	18,856
British East Indies	38,403	32,794	341,374	289,534	3,604	2,285	30,272	19,380
Australasia	52,893	64,818	730,177	829,940	5,535	7,438	75,143	93,266
Other Countries	87,355	77,054	896,459	734,978	10,802	13,170	115,847	127,099
Total.....	255,937	244,448	2,764,714	2,419,286	29,065	32,539	327,198	317,124

EXPORTS.	QUANTITIES.		VALUE.		QUANTITIES.		VALUE.	
	Nine Months ended September 30.				Month ended September 30.			
	1884.	1885.	1884.	1885.	1884.	1885.	1884.	1885.
Principal and other Articles.								
IV.—B. METALS, &c.—Iron & Steel (Con.)								
Tin Plates and Sheets—France...tons	3,285	3,503	£ 56,304	£ 54,202	272	364	£ 4,571	£ 5,691
United States	163,422	171,368	2,661,547	2,468,717	18,371	16,213	292,492	231,736
British North America	11,795	11,745	201,942	173,741	1,378	1,284	23,637	18,548
Australasia	4,780	6,262	82,755	98,209	434	433	8,043	6,930
Other Countries	36,261	35,272	631,185	566,987	3,691	4,087	64,547	64,811
Total.....	219,543	228,150	3,633,733	3,391,856	24,146	22,381	393,290	327,716
Cast and Wrought and all other Manufactures unenum. (except Ordnance)—To Russia ....tons	3,995	2,891	60,158	51,711	355	245	7,546	4,547
Germany	7,587	5,289	100,750	73,611	658	551	10,378	8,377
Holland	25,419	13,413	178,928	114,502	3,189	2,949	20,568	18,589
France	3,762	3,123	65,676	53,640	445	325	7,428	5,900
Spain and Canaries	18,170	7,063	184,937	108,143	1,875	773	21,951	11,491
United States	2,294	1,008	34,384	17,376	204	27	3,210	699
Brazil	12,437	9,602	180,799	136,753	1,145	493	19,077	12,562
Argentine Republic	19,662	12,721	246,452	143,239	2,942	3,562	40,313	23,466
Chili	3,270	2,459	58,391	41,130	479	165	6,811	3,026
Peru	1,259	429	20,892	9,475	78	52	1,477	1,097
British North America	13,377	7,005	120,776	82,228	1,395	1,201	17,051	11,834
British Possessions in S. Africa ...	8,861	6,625	124,084	90,045	663	965	10,609	9,332
British East Indies	46,305	50,550	570,038	494,530	6,586	3,175	81,623	37,587
Australasia	56,662	79,038	758,743	896,852	6,201	9,607	73,375	101,171
Other Countries	62,393	61,638	772,931	711,481	5,584	8,646	80,121	80,622
Total.....	285,453	262,254	3,477,939	3,024,716	31,799	32,736	401,538	335,300
Old for Re-manufac.—U. States..tons	22,136	6,962	71,856	18,444	3,307	150	11,664	580
Other Countries	30,236	50,634	102,341	160,282	2,628	8,664	9,569	27,850
Total.....	52,372	57,596	174,197	178,726	5,935	8,814	21,233	28,430
Steel, Unwrought—To France	2,349	1,920	85,241	70,628	249	208	9,011	7,043
United States	10,496	8,780	229,102	166,386	1,482	724	23,414	17,815
Other Countries	29,470	30,524	542,618	501,823	3,843	4,815	61,019	66,343
Total.....	42,315	41,224	856,959	738,837	5,574	5,747	93,444	91,201
Manufactures of Steel or Steel and Iron Combined	8,154	9,498	293,747	313,007	730	937	27,535	25,827
Total of Iron and Steel	2,690,345	2,383,536	18,668,958	16,510,298	309,704	319,671	2,093,167	1,934,390
Lead, Pig, Sheet, Piping, and Manufacturers—To Russia	4,136	2,572	48,733	29,875	172	218	1,996	2,762
Germany	819	829	10,274	9,928	97	96	1,176	1,190
France	166	696	1,956	8,334	...	192	...	2,410
United States	510	392	5,870	4,359	76	...	811	...
China and Hong Kong	3,541	8,915	40,625	101,163	524	1,005	5,682	12,211
British East Indies	3,318	2,771	48,275	39,698	391	183	5,328	2,877
Australasia	3,656	4,806	44,915	56,588	332	350	3,875	4,374
Other Countries	8,129	7,159	109,525	93,128	710	973	9,506	12,884
Total.....	24,275	28,140	310,173	343,073	2,302	3,017	28,374	38,708
Plate and Plated and Gilt Wares....£	...	...	223,427	233,420	...	...	29,322	28,442
Telegraphic Wires, and Apparatus ...£	...	...	2,269,081	489,550	...	...	280,980	28,080
Tin, Unwrought—To Russia	13,667	9,209	60,334	40,767	1,157	1,161	4,932	5,377
Germany	7,032	7,021	30,223	30,055	1,044	1,273	4,417	5,894
France	22,341	21,527	97,470	90,879	2,700	2,575	11,501	12,179
Turkey	6,046	3,196	26,865	13,877	684	462	2,978	2,157
United States	2,960	3,318	12,983	14,448	20	456	88	2,145
Other Countries	26,742	22,034	117,908	95,893	3,151	3,488	13,764	16,283
Total.....	78,788	66,305	345,783	285,919	8,756	9,415	37,680	44,035
Zinc or Spelter, unwrught & wrought.cwts	107,547	107,923	73,484	70,980	17,499	13,135	11,001	8,474
Other Articles .....	...	...	1,294,055	1,160,133	...	...	139,154	132,862
Total Metals and Articles Manufactured therefrom(except Machinery).£	28,630,490	23,760,140	...	...	...	...	3,184,930	2,746,658
IV.—C. MACHINERY AND MILLWORK.								
Steam Engines & parts thereof—Russia..£	...	...	130,769	81,794	...	...	10,831	6,842
Germany .....	...	...	340,342	197,813	...	...	33,089	12,850
Holland .....	...	...	72,714	48,958	...	...	13,684	2,124
Belgium .....	...	...	101,060	74,203	...	...	7,817	4,815
France .....	...	...	161,542	96,437	...	...	32,595	9,601
Spain and Canaries .....	...	...	173,917	232,552	...	...	16,151	9,239
Italy .....	...	...	280,813	230,078	...	...	8,799	5,578
Egypt .....	...	...	29,193	100,730	...	...	694	6,902
United States .....	...	...	20,185	25,012	...	...	1,829	5,929
Brazil .....	...	...	202,918	150,480	...	...	18,414	13,032
British North America.....	...	...	14,052	5,520	...	...	674	272
British Possessions in S. Africa.....	...	...	27,782	26,414	...	...	2,004	1,080
British East Indies .....	...	...	708,345	688,902	...	...	95,332	37,190
Australasia .....	...	...	395,520	477,842	...	...	49,765	44,078
Other Countries .....	...	...	669,978	533,210	...	...	88,387	49,452
Total.....	...	...	3,329,130	2,969,945	...	...	380,065	208,984
Other Descriptions—To Russia .....	...	...	620,295	415,892	...	...	65,036	35,757
Germany .....	...	...	918,369	917,951	...	...	108,823	85,361
Holland .....	...	...	264,191	247,663	...	...	30,718	32,922
Belgium .....	...	...	405,059	428,461	...	...	47,140	37,822

24 THE ECONOMIST MONTHLY TRADE SUPPLEMENT

[Oct. 10,
1885.]

EXPORTS.	QUANTITIES.		VALUE.		QUANTITIES.		VALUE.		
	Nine Months ended September 30.				Month ended September 30.				
	1884.	1885.	1884.	1885.	1884.	1885.	1884.	1885.	
IV.—C. MACHINERY, &c.—(Con.)			£	£			£	£	
Other Descriptions (Con.)—France ... £	...	...	690,692	577,169	...	...	86,509	54,463
Spain and Canaries .....	...	...	249,058	182,547	...	...	20,114	10,721
Italy .....	...	...	257,893	250,540	...	...	23,318	24,550
Egypt .....	...	...	42,664	75,707	...	...	5,525	6,004
United States .....	...	...	238,667	166,515	...	...	24,142	20,070
Brazil .....	...	...	220,764	161,853	...	...	17,039	15,000
British North America .....	...	...	67,661	27,270	...	...	3,494	3,752
British Possessions in S. Africa .....	...	...	54,918	41,136	...	...	6,176	4,623
British East Indies .....	...	...	908,037	657,389	...	...	85,592	52,786
Australasia .....	...	...	625,933	535,510	...	...	64,310	67,081
Other Countries .....	...	...	1,103,527	818,141	...	...	121,543	110,094
Total.....	...	...	6,667,728	5,503,744	...	...	709,479	611,006
Total Machinery and Millwork .....	...	...	9,996,858	8,473,689	...	...	1,089,544	819,990
D.—APPAREL AND ARTICLES OF PERSONAL USE.									
Apparel and Slops—To France .....	...	...	168,894	151,647	...	...	18,215	17,839
United States .....	...	...	80,773	79,275	...	...	12,921	13,711
British W. I. Islands and Guiana .....	...	...	84,787	73,994	...	...	9,470	9,867
British North America .....	...	...	190,706	218,306	...	...	33,171	43,097
British Possessions in S. Africa .....	...	...	471,091	483,277	...	...	58,228	53,721
British East Indies .....	...	...	109,313	112,847	...	...	20,875	18,434
Australasia .....	...	...	1,367,272	1,582,946	...	...	119,754	138,556
Other Countries .....	...	...	399,777	376,413	...	...	53,621	51,773
Total.....	...	...	2,872,613	3,078,705	...	...	326,255	316,998
Haberdashery & Millinery, inc. Embroidery and Needlework—To Germany .....	...	...	21,533	21,269	...	...	2,456	2,719
France .....	...	...	38,117	22,276	...	...	2,781	2,102
United States .....	...	...	229,518	134,014	...	...	26,718	21,773
U. S. of Colombia .....	...	...	8,525	4,338	...	...	1,153	793
Channel Islands .....	...	...	43,042	14,702	...	...	4,743	1,302
British North America .....	...	...	619,045	462,785	...	...	84,960	59,338
British W. India Islands and Guiana .....	...	...	155,552	111,516	...	...	16,400	13,365
British Possessions in S. Africa .....	...	...	150,701	141,592	...	...	16,685	15,207
British East Indies .....	...	...	116,573	106,494	...	...	20,939	18,137
Australasia .....	...	...	463,069	445,146	...	...	36,747	34,466
Other Countries .....	...	...	428,594	353,104	...	...	59,540	50,954
Total.....	...	...	2,274,269	1,817,236	...	...	273,122	220,156
Hats of all descriptions.....dozens	837,524	813,194	883,432	856,595	78,491	77,468	89,128	89,502	
Leather, Boots & Shoes—To Brazil..doz. p	29,205	30,935	110,853	109,019	2,661	3,530	9,697	13,244	
British W. I. Islands and Guiana	29,707	19,525	72,238	52,181	4,139	2,517	11,081	6,762	
British Possessions in S. Africa	75,571	63,476	236,740	195,139	9,394	7,724	28,205	23,375	
British East Indies	16,368	16,680	57,808	57,192	2,208	2,422	7,041	7,982	
Australasia	174,657	225,666	500,498	646,789	29,500	27,376	83,148	77,493	
Other Countries	50,891	57,592	142,921	147,801	6,595	6,236	19,630	18,960	
Total.....	376,399	413,874	1,121,058	1,208,121	54,497	49,805	159,102	147,816	
Other Articles .....	...	...	959,921	816,873	...	...	114,356	90,813
Total Apparel & Articles of Personal Use f	...	...	8,111,293	7,777,530	...	...	961,963	895,285
E.—CHEMICALS, AND CHEMICAL AND MEDICINAL PREPARATIONS.									
Alkali—To Russia	cwt:	368,878	357,456	133,603	120,233	58,984	32,196	20,810	10,664
Germany		385,992	371,465	103,317	90,209	66,794	40,955	17,659	11,460
Holland		196,849	206,395	40,631	35,748	22,722	19,506	4,465	3,572
Belgium		82,018	87,126	26,469	22,450	10,329	6,760	3,244	1,903
France		79,678	87,813	38,597	38,811	9,282	2,040	4,487	1,920
Spain and Canaries		208,129	190,333	90,418	72,534	40,870	12,890	16,374	4,749
Italy		186,206	189,991	62,592	57,042	17,926	19,093	6,404	5,783
United States		2,347,467	2,447,002	769,841	747,798	356,286	341,033	112,836	93,377
Other Countries		960,493	1,044,077	282,428	267,927	151,123	139,857	46,620	34,205
Total.....		4,815,710	4,981,658	1,553,896	1,452,752	734,316	614,330	232,889	172,633
Bleaching Materials or Preparations.cwt:		1,130,984	1,146,757	476,936	387,080	144,647	132,311	58,957	44,504
Manure (Chemical)—To Germany	f	515,149	331,995	59,845	30,386
France	308,632	236,952	51,462	45,002
British W. I. Islands and Guiana	169,718	102,328	6,210	3,074
Other Countries	712,543	602,585	44,795	52,137
Total.....		1,706,042	1,273,860	162,312	130,599
Medicines, comprising Drugs and Medicinal Preparations	£	656,485	606,365	77,820	64,928
Other Articles	1,530,573	1,431,734	177,527	168,017
Total Value of Chemicals & Chemical and Medicinal Preparations.....		5,973,932	5,151,791	709,505	580,681
F.—ALL OTHER ARTICLES.									
Arms, Ammunition, and Military Stores—Fire Arms (small)	No	239,509	199,056	300,650	301,602	25,650	22,387	35,079	35,559
Gunpowder.....lbs		12,370,400	9,551,600	295,896	235,768	1,316,900	1,000,900	34,152	25,324
All other kinds	£	700,582	762,620	68,495	56,977
Bags and Sacks, empty, for packing Merchandise—To Russia	dozens	418,848	549,476	94,822	96,941	52,407	34,647	11,091	6,488
Germany		613,450	426,326	139,766	84,689	106,479	40,478	25,339	8,308
United States		234,639	127,208	33,394	20,318	8,985	41,589	1,553	5,273

EXPORTS. Principal and other Articles.	QUANTITIES.		VALUE.		QUANTITIES.		VALUE.	
	Nine Months ended September 30.				Month ended September 30.			
	1884.	1885.	1884.	1885.	1884.	1885.	1884.	1885.
IV.—F. ALL OTHER ARTICLES.—(Con.)			£	£			£	£
Bags & Sacks (Con.)—Australasia...dozs	160,651	91,682	33,075	20,426	6,832	8,207	1,655	1,286
Other Countries	1,697,550	1,334,744	462,891	334,380	245,602	155,065	63,692	40,252
Total.....	3,125,138	2,529,436	763,948	556,754	420,305	279,986	103,330	61,607
Books, Printed .....cwts	89,569	84,061	841,898	819,146	12,355	10,759	114,762	103,377
Candles of all descriptions .....lbs	5,669,600	5,555,800	158,214	144,048	676,200	700,000	18,170	17,459
Caoutchouc, Manufactures of .....£	...	...	750,069	660,881	...	...	99,329	78,846
Carriages—Railway Carriages for Passengers, and parts thereof .....	...	...	351,131	196,334	...	...	45,347	20,868
Railway Trucks, Waggon, &c., and parts thereof .....	...	...	557,491	571,188	...	...	30,420	64,787
Cement—To Holland.....cwts	273,700	237,900	32,254	27,744	36,400	28,200	4,277	3,233
France	936,600	523,000	95,273	53,686	112,000	46,600	11,303	4,687
United States	670,400	844,900	84,215	100,155	142,600	112,600	17,567	14,029
British Possessions in S. Africa	176,800	171,000	19,358	18,808	14,400	5,400	1,740	564
British East Indies	619,100	551,500	69,651	59,792	43,000	48,900	5,140	5,072
Australasia	1,233,500	1,428,900	146,717	163,264	110,200	178,100	13,524	20,382
Other Countries	2,124,500	1,854,000	235,967	199,045	261,800	247,900	29,372	25,829
Total	6,034,600	5,611,200	683,435	622,494	720,400	667,700	82,923	73,796
Cordage, Cables, Rope and Twine of Hemp, or like Material.....cwts	138,005	131,369	315,746	285,205	17,814	18,723	37,858	39,329
Earthenware, China Ware, Parian, and Porcelain—To Germany.....£	...	...	24,053	24,595	...	...	2,493	2,221
France .....	...	...	54,128	50,164	...	...	4,668	4,592
United States .....	...	...	511,432	505,693	...	...	58,372	67,907
Brazil .....	...	...	66,093	47,013	...	...	4,620	3,727
British North America .....	...	...	69,300	78,507	...	...	7,584	11,519
British East Indies .....	...	...	98,152	79,496	...	...	10,687	7,075
Australasia .....	...	...	213,913	221,682	...	...	29,515	20,125
Other Countries .....	...	...	323,434	261,386	...	...	34,683	25,393
Total .....	...	...	1,360,505	1,268,536	...	...	152,622	142,559
Red Pottery and Brown Stoneware..£	...	...	87,612	82,384	...	...	12,215	9,407
Glass—Plate, Rough or Silvered, including Looking Glasses .....sq. ft	2,699,669	2,865,799	199,831	187,322	363,039	326,977	22,951	20,378
Flint, of all kinds, & Manufac...cwts	96,302	103,081	221,767	209,005	10,823	14,469	26,431	24,677
Bottles and Manufactures of Green or Common Glass	582,598	538,715	265,856	257,102	66,619	61,199	31,815	29,287
Other Manufactures, unenumerated	106,038	76,645	93,152	63,850	13,761	9,034	11,104	6,961
Leather, Tanned, Tawed, or Dressed : Unwrought (ex Boots & Shoes) cwts	128,557	137,614	1,213,281	1,289,992	16,534	17,863	160,454	164,191
Wrought .....	...	...	264,957	212,910	...	...	36,351	33,836
Oil : Seed Oil—Sweden & Norway.galls	654,800	614,500	57,373	55,313	86,800	85,900	7,923	7,830
Germany	4,552,600	4,565,800	380,514	400,632	468,000	533,500	37,830	47,651
Holland	1,026,500	1,003,300	97,096	90,252	63,400	146,400	5,357	13,137
Belgium	373,600	508,490	33,844	46,167	19,900	67,900	1,676	6,109
France	579,400	309,500	58,654	30,605	21,400	13,000	2,025	1,339
Spain and Canaries	192,200	114,400	16,419	10,593	14,900	14,400	1,281	1,386
Italy	830,700	1,050,900	78,117	100,280	59,000	91,900	5,239	9,040
Austrian Territories	927,900	717,800	90,811	70,484	21,300	65,800	1,912	6,099
Egypt	253,500	384,300	22,857	35,226	19,700	53,100	1,822	4,695
Brazil	216,400	248,730	19,611	23,805	24,500	29,000	2,358	2,917
British North America	517,400	574,600	43,157	51,939	56,800	94,300	4,902	8,398
Australasia	781,100	845,100	81,168	87,996	86,500	64,800	8,814	6,971
Other Countries	1,731,700	1,502,500	168,932	149,953	178,400	235,200	17,197	23,204
Total	12,637,800	12,439,800	1,148,553	1,152,245	1,120,600	1,495,200	98,336	138,776
Painters' Colours & Materials, unen...£	...	...	990,859	935,102	...	...	110,565	104,055
Paper : Writing or Printing, and Envelopes—To France	32,207	31,712	74,518	69,993	4,166	2,900	9,468	6,164
United States	5,114	5,140	23,744	20,445	521	376	2,531	1,557
British East Indies	61,090	53,621	134,538	115,347	6,612	6,526	14,184	13,335
Australasia	208,675	253,840	409,700	458,510	25,962	29,408	53,842	53,427
Other Countries	65,781	77,628	174,555	213,839	7,785	6,586	20,461	19,031
Total	372,867	421,941	816,055	878,134	45,046	45,796	100,486	93,514
Hangings	46,614	45,355	126,395	125,237	4,314	4,358	11,491	11,368
All other descriptions	119,640	133,855	196,809	212,412	12,941	15,848	20,820	24,916
Total of Paper.....cwts	539,121	606,151	1,139,259	1,215,783	62,301	66,002	132,797	129,798
Rags (except Woollen) and other Materials for making Paper tons	40,053	35,624	363,987	308,944	3,776	3,422	35,312	29,133
Saddlery and Harness .....	...	...	282,833	270,049	...	...	30,685	34,680
Skins and Furs of all sorts	1,098,795	643,387	...	...	...	...	75,458	56,317
Soap	359,338	312,254	411,031	363,844	35,776	41,204	40,475	46,587
Stationery other than Paper .....	...	...	604,668	600,647	...	...	74,731	77,325
Unenumerated .....	...	...	6,700,439	6,096,953	...	...	751,694	647,265
Total Value of all other Articles either Manufactured or partly Manufactured .....	...	...	22,166,955	20,314,095	...	...	2,482,861	2,273,161
Total Declared Value of British and Irish Produce and Manufactures Exported	176,969,097	160,688,231	20,505,945	18,621,664

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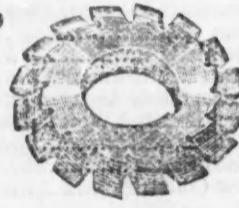
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