Agricultural Co-operation in Finland, p. 21.

BANK OF FINLAND Monthly Bulletin

No 12

DECEMBER

1924

THE FINNISH MARKET REVIEW.

THE MONEY MARKET.

The study by means of statistics of the Money Market in Finland is rendered difficult for a period beginning in November and continuing for some months onward by the appreciable movements in the Balance Sheets of the banks, caused by the fact that the Industrial Mortgage Bank has now paid out the loans to its clients. As related earlier in these pages, the Industrial Mortgage Bank deposited the funds obtained through its loan of 12 million dollars in the Joint Stock banks, pending the definite arrangement of the loans to be granted by this new institution. This was the cause, in July last, of a considerable increase in deposits in the banks. Now that the Industrial Mortgage Bank has begun, during November, to pay out the loans granted to its clients, the deposits in question have been withdrawn and the figures showing the total deposits have thus considerably decreased. But as, in the majority of cases, the industrial concerns borrowing from the new mortgage bank have used the means thus obtained to pay off their debts to the Joint Stock banks, the figures showing the total loans granted by the latter have also decreased. The figures in the balance sheets of the banks have therefore decreased on both the assets and the liabilities side.

Precisely in what measure the changes in the bank balances during November are due to the above circumstance, or to altered relations between the public and the banks, cannot

shown in the tables attached to this be paper. An attempt will be made, however, show in the review made here the to position of the public to the banks by calculations from which the figures relating to the Industrial Mortgage Bank are eliminated. These calculations show that *deposits* by the public have decreased by about 6.7 million marks, due to a periodical withdrawal of deposits occurring regularly every autumn. The changes in loans to the public are more difficult to define, but in any case it would seem that such changes have been extremely small.

The position of the Joint Stock banks with regard to foreign countries remains almost unchanged. Foreign deposits of marks which are of the greatest interest in this connection, decreased this time by only 4.8 million marks.

Such changes as have occurred in the position of the Bank of Finland generally denote an easing of the position. During November the current accounts of both the State and others increased, loans granted decreased slightly and credit balances abroad increased considerably, viz., by 98.5 million marks. The growth of the latter continued in December, during the first two weeks of which the stock of foreign currencies increased by 84.2 million marks. The supply of foreign currency has been larger during the past few weeks, partly owing to lively sales of timber, partly owing to the fact that a large part of the usual short-term loans in foreign currency granted to export firms was called in. On the other hand, the demand for foreign currency for import purposes has been smaller than, for instance, during the corresponding period last year.

The account given above shows that the position of the Money Market is at present slightly easier than it has been recently, but for many reasons the improvement cannot be regarded as other than temporary.

The wholesale price index rose during November by 6 points to 1,120, and the cost of living index by 3 points to 1,222. Since July the wholesale price index has risen by 35 points or 3.1 per cent. As we have remarked earlier, this decrease in the purchasing power of money is not due to any specific depreciation in the value of the Finnish mark, but is ลท indication of the general rise in prices during recent months throughout the world, in other words, of a proportionate decrease in the purchasing power of gold, the consequences of which must inevitably appear in Finland also, as the Finnish mark has, almost without variation, followed the dollar. As already stated, the dollar rate in Finland sank during the present autumn from 39:85 to 39:70, in other words, the foreign value of the mark rose in equivalent degree. Since the last fall in the dollar rate, which occurred on November 5th, the rate has remained unchanged at 39:70.

TRADE AND INDUSTRY.

Contrary to the usual course of events the balance of trade for November proved favourable to Finland. The value of imports was 404.3 million marks, or less than in October of the present year and less than in the corresponding month last year. The value of exports was, on the contrary extremely high considering the time of year, being 522.8 million marks. The surplus of exports for November amounts to 118.5 million marks, and from the beginning of the year to the end of November to 165.8 million marks. The results of foreign trade are thus appreciably more favourable than last year, when the figures for the end of November showed a surplus of *imports* amounting to 201.7 million marks. On the basis of the November results it is fairly safe to prophesy that the results for the whole year will show a surplus of exports.

The figures for sales of sawn timber reported earlier in these pages prove to have been too cautiously estimated, as according to Customs statistics exports of sawn timber from this country for the first eleven months of the year reached a total of 932,200 standards, of which about 928,000 stds were coniferous varieties (pine, spruce) and the remainder birch and other leaftree varieties. Thus the sawmilling industry of Finland has already within a period of eleven months achieved a new export record, the highest annual export figures up to the present being 903,000 stds in 1913. The total exports for 1924 may well reach 1,000,000 stds. This amount corresponds approximately to the total production for the year and stocks remaining at the end of the year will hardly exceed those existing at the end of last year. It must be taken into account, however, that the financial results have been considerably affected by unsatisfactory prices during recent months. Still, an improvement in this respect is apparent, as, while for instance in October, 7" redwood battens were sold at £ 13: 10/- and even less, corresponding prices for timber sold for shipment at the beginning of next season have in many cases reached f 14: 10/- to f 15. The rise in the value of the pound sterling has further slightly increased the prices obtained for timber, when calculated in marks. Sales from next year's production amounted in the middle of December to about 135,000 stds, which is an increase on the corresponding figures for last year. Up to the present sales have been mostly to the continent.

The demand for products of the paper industries continues adequate.

THE LABOUR MARKET.

The labour strikes in certain secondary. special branches of industry commented on in the previous Review have almost everywhere come to an end and work has been recommenced either at former rates of pay or on the basis of mutual concessions. The number of seekers after employment has grown considerably, but actual unemployment cannot as yet be said to exist.

CONTENTS OF THE TABLES.

MONEY MARKET. 1

- Bank of Finland:
- Balance sheet. 1.
- Note issue. 2
- 8. Note circulation and foreign correspondents.
- Note reserve and home loans. 4.
- 5. Rediscounted bills and balances of current accounts.
- 6. Rates of exchange.
- Movement of the dollar rate. 7.
- Clearing. 8.
- Joint Stock banks:
- Home deposits. 9.
- Home loans. 10.
- 11. Position with regard to foreign countries.
- Deposits in the savings banks. 12.
- Helsingfors Stock Exchange. Bankrupt-cies. Protested Bills.
 Stock Exchange index.

1. STATE FINANCES.

- 15. National Debt.
- Total state revenue and principal groups. 16.
- Miscellaneous State receipts collected by 17.
- Customs.

III. FOREIGN TRADE.

18. Value of imports and exports.

- 19. Value of imports and exports in different groups of goods. Imports of the most important articles.
- 20.
- 21. Exports
- 23. Import-Price index. 24. Export-Price index.
- 25. Index numbers for quantities of imports and exports.
- 26. Value of imports and exports divided according to the purpose of the goods.

IV. TRAFFIC.

- 27.
- Foreign' shipping. Shipping with various countries and pas-28. senger traffic.
- Railways, goods traffic and rolling stock. 29.
- 30. Railways, revenue, expenditure and traffic surplus.

V. LEVEL OF PRICES.

- Index number of cost of living.
 Wholesale Price Index.

VI. LABOUR MARKET.

- 33. Number of unemployed.
- 34. Cessation of Work.
- SOME ARTICLES IN EARLIER ISSUES OF BANK OF FINLAND MONTHLY BULLETIN.

[921.	No	1—9.	'I'he regular steamship lines of Fin-	1923.	No	11.	Finland's new foreign loans.
			land.	,,	"	••	Finnish Municipal Borough Finance.
"	,,	11.	Amendment of the provisions affect-	37	**	12.	Prof. Heckscher's scheme for the
"			ing the Bank of Finland's note issue.				monetary reform in Finland.
1922.	**	1.	The purchasing-power parity of the	1924.	17	1.	Finnish Currency during 1923.
			Finnish mark and the exchange rates.	,,	"	,,	Elements of the Finnish Wholesale
"	. 22	2.	Finnish Government finances.			.,	Price Index.
"		3.	The railways of Finland.	,,	**	.,	Cessation of Work in Finland during
"	17	5.	The forests and forestry of Finland.				1922-1923.
"	"	6.	Water power of Finland.	,,	,,	2.	Results of the Bank of Finland for
"	17		The mercantile marine of Finland.				1923.
27	"	8.	Banks and banking in Finland. Lists	,,	"	••	The Foreign Trade of Finland in 1923.
	••		of banks and banking places in Finland.	,,	""		Winter Traffic to Finland.
"	"		The Finnish State forests.	,,	,,	4.	The Finnish Joint Stock Banks in 1923.
,,	••	10.	The population of Finland.	,,	,,	5.	The Water Power Plant at Imatra.
. ,,	,,1	1 - 12.	Finnish Currency during 1922.	,,	,,		Finnish State Finances.
1923.	"	1.	Finnish Public Finances.	,,	"		The Mineral Resources of Finland.
,7	**		The funding of Finland's debt to U.S.A.	,,	,,	8.	Finnish Savings Banks.
**	"	4.	Agriculture in Finland.	,,	"	9.	Assets and Liabilities of the Finnish
"	,,	11	Agricultural credit institutions in				Municipal Boroughs in 1923.
			Finland.	,,	,,	17	The Civic Guards of Finland.
"	"		Land Reform in Finland.	,,	17	10.	Main Regulations in the Finnish Laws
"	,,		The Industry of Finland.				Governing Finance.
"	٠,	"	The Finnish Government Accounts	,,	"	39	Net Revenue and Expenditure of the
			for 1922.				State in 1923.
"	**	8.	Electrification of the country districts	17	"	"	Publications dealing with Public Fi-
			in Finland.				nance in Finland.
,,	"	9.	The Peat Bogs of Finland and their	,,	,,	11.	Professor Cassel on monetary reform
			development.				in Finland.
"	"7	10.	Finland's Balance of International	;,	"	37	Finnish Import and Export regula-
			Payments for the year 1922.				tions.
"	"	"	Finland's Crops in 1923.	, ,	*1	••	Finland's Industry in 1923.

STATISTICS. 1. — BALANCE SHEET OF THE BANK OF FINLAND.

	1923 Mill. Fmk			24 Fmk	
	15/12	22/11	²⁹ /11	8/12	15/12
····	1	<u> </u>			1
ASSETS.	1			ł	1
I. Gold Reserve 1)	42.7	43.3	43.3	43.3	43.3
I. Gold Reserve ¹) Foreign Correspondents and Credit abroad	509.9	545.6	603.0	626.2	693.2
II. Finnish Silver Coin	0.5	0.5	0.5	0.5	0.5
Bonds in Foreign Currency	5.8	4.0	4.0	4.0	4.0
Foreign Bank Notes and Coupons	0.4	0.9	0.9	1.0	0.1
» Bills	3.2	6.4	7.3	8.7	· 9.9
Finnish State Bonds in Finnish Currency	506.0	444.1	444.1	444.1	444.1
Other State Obligations ²)	60.0	48.0	48.0	48.0	48.0
Inland Bills	693.7	844.7	766.5	709.4	630.5
III. Inland Bills ³)	35.8				
Loans on Security	52.8	4.3	4.3	4.0	4.0
Advances on Current Accounts	8.6	6.3	6.8	5.2	7.8
Bank Premises and Furniture	$\begin{array}{r}12.4\\153.1\end{array}$		12.3	12.4	12.4
Sundry Assets		100.0	135.8	141.9	123.1
Total	2 084.9	2 060.4	2 082.8	2 048.7	2 021.5
LIABILITIES.			ļ		
Liabilities payable on demand:	1			1	
Notes in circulation	1 330.4	1 198.6	1 227.7	1 240.0	1 237.3
Drafts outstanding	2.1	5.9	7.9	8.0	8.1
Balance of Current Accounts due to Government	118.0	235.0	213.2	213.4	193.3
» » » » » » » Others	58.6	73.3	79.2	30.7	33.6
Credit abroad		244.8	244.8	244.8	244.8
Foreign Correspondents	10.5	6.7	6.2	8.7	6.4
Sundry Accounts	238.5	11.4	25.0	14.0	14.1
Government's Long-term Deposits	95.0				
Earnings less Expenses	36.3	75.7	69.8	80.1	74.9
Capital	100.0	100.0	100.0	100.0	100.0
Reserve Fund Bank Premises and Furniture	50.0 12.0	50.0 12.0	50.0	50.0	50.0
Undisposed Profit	12.0 33.5	12.0 13.5	$12.0 \\ 13.5$	$\begin{array}{c} 12.0\\ 13.5 \end{array}$	12.0
Reserved Profit	00.0	13.0 33.5	13.0	13.9 33.5	13.5 33.5
Total	2 084.9	2 060 4	2 082 8	2 048 7	2021 5

Total | 2 084.9 || 2 060.4 | 2 082.8 | 2 048.7 | 2 021.5 |

Nominal value. Calculated at the dollar rate on Dec., 15, 1924, 331.7mill, marks.
 Balance, free of interest, of the reimbursement, which according to a resolution of the Diet the Government makes to the Bank of Finland for special Russian liabilities, already written off.
 Bills not included in the supplementary cover (see note to table 2).

Δ

2. - NOTE ISSUE OF THE BANK OF FINLAND.

	1923		19	24	
	¹⁵ /12	²² / ₁₁	²⁹ / ₁₁	8/12	¹⁵ / ₁₂
RIGHT TO ISSUE NOTES:					
Gold Reserve and Foreign Correspondents	552.6 1 500.0	588.9 1 500.0	$652.3 \\ 1\ 500.0$	669.5 1 500.0	736.5 1 500.0
Total	2 052.6	2 088.9	2 152.3	2 169.5	2 236.5
Less Insufficient Supplementary Cover 1)	230.4	151.4	228.7	284.3	362.3
Right to Issue Notes	1 822.2	1 937.5	1 923.6	1 885.2	1 874.2
USED AMOUNT OF ISSUE:					1
Notes in circulation Other Liabilities payable on demand Undrawn Amount of Advances on Current Accounts	1 330.4 427.7 2.1	1 198.6 577.1 4.0	1 227.7 576.3 3.4	$1240.0 \\ 519.6 \\ 5.0$	1 237.3 500.3 2.4
Total	1 760.2	1 779.7	1 807.4	1 764.6	1 740.0
NOTE RESERVE	62.0	157.8	116.2	120.6	134.2
Total	1 822.2	1 937.5	1 923.6	1 885.2	1 874.2

⁴) Difference between 1500 million marks, being the maximum of the Bank's fiduciary note issue, and assets (above under group II) serving as supplementary cover for the note issue (see note 1 to table 4).

Bank Rate since March 6, 1924, 9°/o.

3. - BANK OF FINLAND. NOTE CIRCULATION AND FOREIGN CORRESPONDENTS.

End		Not	e Circula Mill. Fml				. (t	End			
Month	1913	1922	1923	1924	Monthly Movement	1913	1922	1923	1924	Monthly Movement	Month
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	[117.5] 114.4 119.6 116.0 110.6 118.2 114.9 109.9 109.4 112.0 109.2 112.3 113.0	$ \begin{bmatrix} 1 & 356.1 \\ 1 & 341.2 \\ 1 & 442.1 \\ 1 & 442.1 \\ 1 & 415.4 \\ 1 & 400.0 \\ 1 & 373.1 \\ 340.4 \\ 1 & 356.4 \\ 1 & 397.2 \\ 1 & 375.6 \\ 1 & 343.3 \\ 1 & 420.9 \\ \end{bmatrix} $	$1 \begin{array}{c} 399.7 \\ 1512.9 \\ 1555.1 \\ 1 \begin{array}{c} 439.7 \\ 1 \begin{array}{c} 436.3 \\ 1 \begin{array}{c} 388.9 \\ 1 \begin{array}{c} 389.7 \\ 1 \begin{array}{c} 389.7 \\ 1 \begin{array}{c} 389.7 \\ 1 \begin{array}{c} 389.7 \\ 1 \begin{array}{c} 383.9 \\ 1 \begin{array}{c} 333.0 \\ 1 \begin{array}{c} 353.4 \\ 2 \end{array} \end{array}$	1279.51376.31399.51384.51361.31305.11261.41273.31278.81257.51227.7	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	[60.4] 55.1 53.6 49.6 48.5 48.7 52.1 51.9 58.5 64.9 62.9 58.5	[215.7] 201.5 161.5 155.6 185.0 153.2 79.8 97.5 106.1 345.3 915.2 853.3 708.0	760.1 803.1 813.0 769.6 709.6 567.3 3449.3 347.6 282.6 556.9 594.6 607.2	671.5 926.3 797.7 654.4 538.7 367.4 572.2 471.9 446.8 510.5 609.0	$\begin{array}{r} + & 64.3 \\ - & 128.6 \\ - & 143.3 \\ - & 115.7 \\ - & 171.3 \\ + & 204.8 \\ - & 100.3 \\ - & 25.1 \\ + & 63.7 \\ + & 98.5 \end{array}$	Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.

³) Credit balances with foreign correspondents. From Febr. 1924 including the Credit abroad, 244.8 mill. mk.

4. — BANK OF FINLAND. NOTE RESERVE AND HOME LOANS.

End of		No	te Rese Mill, Fmk					End			
Month	1913	1922¹)	1923¹)	1924 ¹)	Monthly Movement	1913	1922	1923	1924	Monthly Movement	Month
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	$\begin{bmatrix} 16.0 \\ 17.2 \\ 23.6 \\ 22.2 \\ 23.0 \\ 18.6 \\ 26.2 \\ 32.8 \\ 37.7 \\ 42.9 \\ 45.2 \\ 46.4 \\ 41.2 \end{bmatrix}$	[139.4] 213.3 152.9 179.7 184.3 163.0 135.3 176.7 180.6 306.6 551.6 504.8 405.7	455.5 422.1 321.4 332.7 322.6 236.2 208.4 154.8 147.4 303.1 402.3 378.0	473.4 442.0 382.8 350.2 233.8 184.7 502.4 378.9 347.1 359.0 344.9	$\begin{array}{r} + & 95.4 \\ - & 31.4 \\ - & 59.2 \\ - & 32.6 \\ - & 116.4 \\ - & 49.1 \\ + & 317.7 \\ - & 123.5 \\ - & 31.8 \\ + & 11.9 \\ - & 14.1 \end{array}$	[115.2] 114.9 119.2 120.8 121.5 126.4 113.4 108.9 104.5 102.9 103.9 110.0	[657.1] 646.0 757.2 731.6 716.8 774.0 822.1 798.7 811.5 679.7 421.6 478.1 650.3	605.8 601.6 705.0 694.9 706.9 808.5 829.5 889.5 895.1 747.1 663.5 716.6	627.5 631.4 710.9 766.4 926.3 1 006.4 677.1 814.6 855.2 788.2 777.6	$\begin{array}{r} - & 89.1 \\ + & 3.9 \\ + & 79.5 \\ + & 55.5 \\ + & 159.9 \\ + & 80.1 \\ - & 329.3 \\ + & 137.5 \\ + & 40.6 \\ - & 67.0 \\ - & 10.6 \end{array}$	Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.

¹) In these figures the amount deducted in table 2 has been included in the note reserve, as this is in reality a conditional note reserve. The difference between these two forms of note reserve consists only in the fact that the deduction referred to may be utilised for the note issue only if set against such means as can be referred to the supplementary cover, while on the other hand no conditions are laid down with regard to the employment of the note reserve which the Bank publishes in its balances. ¹) Inland Bills, Loans on Security and Advances on Current Accounts.

5. — BANK OF FINLAND. REDISCOUNTED BILLS AND BALANCES OF CURRENT ACCOUNTS.

End of Month		Rediscou Mill	nted Bil	(1s ¹)	Balance	to Go	rent Acc vernmei . Fmk	eounts due 1t	Balance of Current Accounts due to others than Government Mill. Fmk				End of Month
	1913	1923	1924	Monthly Movement	1913	1923	1924	Monthly Movement	1913	1923	1924	Monthly Movement	щониц
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	[12.2] 14.2 15.5 18.3 17.5 23.1 20.3 17.3 16.7 16.0 13.6 14.7 15.2	[155.6] 84.2 64.4 175.0 172.9 165.5 251.1 259.0 322.8 467.1 337.7 349.5 444.1	363.9 327.9 392.1 415.1 580.8 231.9 340.3 353.5 257.5 282.3	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	[23.1] 20.1 17.7 20.1 22.5 17.7 18.2 19.0 18.1 17.9 27.3 23.1 20.7	[239.3] 234.9 217.3 345.0 313.2 291.4 236.0 242.1 187.4 274.0 169.1 294.8	364.9 341.8 239.2 114.8 127.8 71.4 30.2 22.7 124.0 213.2	$\begin{array}{c} + & 70.1 \\ - & 23.1 \\ - & 102.6 \\ - & 124.4 \\ + & 13.0 \\ - & 56.4 \\ - & 41.3 \\ + & 0.1 \\ - & 7.5 \\ + & 101.3 \\ + & 89.2 \end{array}$	[4.7] 4.9 3.6 4.3 3.6 3.4 4.5 4.5 4.5 4.8 4.7 4.3 5.7	[110.6] 154.1 151.8 60.3 125.6 107.6 85.7 76.9 76.9 45.0 48.1 115.1 46.4 74.3	63.2 24.1 28.2 25.3 0.5 21.2 2.5 6.7 30.3 79.2	$\begin{array}{c} - & 11.1 \\ - & 39.1 \\ + & 4.1 \\ - & 2.9 \\ - & 24.8 \\ - & 0.5 \\ + & 21.2 \\ - & 18.7 \\ + & 4.2 \\ + & 23.6 \\ + & 48.9 \end{array}$	Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.

The figures in brackets [] indicate the position at the end of the previous year.

¹) Included in home loans, see table 4. Rediscounted Bills for 1913 according to Finland's Official Statistics VII. D. Bank Statistics, for 1923 and 1924 according to the monthly balance sheets of the Bank of Finland.

6. — RATES OF EXCHANGE QUOTED BY THE BANK OF FINLAND, MONTHLY AVERAGE.

New York	London	Stock- holm	Paris	Brussels	Berlin	Amster- dam	Basle	Chris- tiania	Copen- hagen	Prague	Reval	Rome	Riga
5: 18	25: 22	138: 89	100: —	100: —	123: 46	208: 3 2	100:	138: 89	138: 89	105: 01	100:	100: —	100: —
39: 95	183: 77	1 075: 26	288: 65	266: 39	-: 54	1 591: 09	755 : —	755: 83	824 : 96	124: 22	11: 78		-
						1 502: 25							
39:90	171: 33	1 048: 56	185: 16	153 : 98	—	1 481: 94	691:06	542:	626: 66	116:40	10:58	172: 72	767: 20
39: 85	173: 95	1 057: 80	230:68	194: 32	·	1 492: 96	707:88	554 : —	676: 34	118:44	10: 51	179:36	768: —
39: 85	179: 55	1 061:69	219: 12	201:21		1 513: 76 1 549: 88	752: 38	553: 92	642: 02 648: 35	119: 70 121: 08	9: 58 9: 19	179: 81	771:
39: 78	178:82	1 060: 33	209:04	192: 28		1 559: 70	766: —	570: 15	693: 07	121:26	10:38	176:11	770: 67
	York 5: 18 39: 95 38: 06 40: 50 40: 50 39: 95 39: 85 39: 85 39: 85 39: 85 39: 85 39: 85 39: 85 39: 85 39: 85 39: 85 39: 85 39: 85 39: 85 39: 85 39: 78	York London 5: 18 25: 22 39: 95 183: 77 38: 06 167: 13 40: 50 176: 70 40: 17 171: 15 39: 95 171: 61 39: 90 171: 33 39: 90 173: 33 39: 85 173: 95 39: 85 172: 33 39: 85 174: 26 39: 85 174: 55 39: 85 174: 55 39: 85 174: 55 39: 85 174: 55 39: 85 174: 55 39: 85 178: 55 39: 85 178: 82	York London holm 5: 18 25: 22 138: 89 39: 95 183: 77 1 075: 26 38: 06 167: 13 1 000: 62 40: 50 176: 70 1 066: 20 40: 17 171: 15 1 051: 50 39: 90 171: 33 1 048: 56 39: 90 173: 39 1 053: 75 39: 85 172: 33 1 059: 45 39: 85 172: 33 1 059: 45 39: 85 172: 33 1 059: 45 39: 85 172: 55 1 051: 50 39: 85 172: 33 1 059: 45 39: 85 172: 33 1 059: 45 39: 85 174: 26 1 061: 69 39: 85 178: 24 1 061: 48 39: 78 178: 82 1 060: 33	York London holm Paris 5: 18 25: 22 138: 89 100: — 39: 95 183: 77 1 075: 26 288: 65 38: 06 167: 13 1 000: 62 211: 54 40: 50 176: 70 1 066: 20 214: — 40: 17 171: 15 1 051: 50 188 48 39: 85 171: 61 043: 16 176: 90 39: 90 173: 33 1 048: 56 185: 16 39: 90 173: 35 1 057: 80 230: 68 39: 85 172: 33 1 059: 45 209: 25 39: 85 174: 26 1 061: - 205: 26 39: 85 174: 55 1 061: 69 219: 12 39: 85 174: 26 1 061: 48 219: 12 39: 85 174: 26 1 061: 69 219: 12 39: 85 178: 24 1 061: 48 218: 83 39: 85 174: 26 1 061: 69 219: 12 39: 85 178: 24 1 061: 48 218: 83 39:	York London holm Pars Brusses 5: 18 25: 22 138: 89 100: — 100: — 39: 95 183: 77 1 075: 26 288: 65 266: 39 38: 06 167: 13 1 000: 62 211: 54 181: 73 40: 50 176: 70 1 066: 20 214: — 186: 48 40: 17 171: 15 1 051: 50 188 48 169: 35 39: 95 171: 61 0 43: 16 176: 90 154: 28 39: 90 171: 33 1 048: 56 185: 16 153: 98 39: 90 173: 39 1 053: 75 244: 83 208: 19 39: 85 172: 33 1 059: 45 209: 25 182: 25 39: 85 174: 26 1 061: — 205: 26 182: 83 39: 85 174: 26 1 061: — 205: 26 182: 83 39: 85 174: 26 1 061: — 205: 26 182: 83 39: 85 174: 26 1 061: — 205: 26 182: 83 39: 85	York London holm Paris Brusseis Berin 5: 18 25: 22 138: 89 100: 100: 123: 46 39: 95 183: 77 1 075: 26 288: 65 266: 39 : 54 38: 06 167: 13 1 000: 62 211: 54 181: 73 40: 50 176: 70 1 066: 20 214: 186: 48 40: 17 171: 15 1 051: 50 188 48 169: 35 39: 90 171: 33 1 043: 16 176: 90 154: 28 39: 90 173: 35 1 057: 80 230: 68 194: 32 39: 85 172: 33 1 059: 45 209: 25 188: 25 - 39: 85 174: 26 1 061: 69 219: 12 201: 21 - 39: 85 173: 55 1 061: 69 219: 12 21: 21 - 39: 85 174: 26 1 061: 69 219: 12 1 - 39: 78 178: 82	YorkLondonholmParisBrusselsBerlindam5: 1825: 22138: 89100: $-$ 100: $-$ 123: 46208: 3239: 95183: 771 075: 26288: 65266: 39 $-$: 541 591: 0938: 06167: 131 000: 62211: 54181: 73 $-$ 1 450: 9240: 50176: 701 066: 20214: $-$ 186: 48 $-$ 1 543: 3940: 17171: 151 051: 50188 48169: 35 $-$ 1 502: 2539: 85171: 611 043: 16176: 90154: 28 $-$ 1 491: 3439: 90173: 391 053: 75244: 83208: 19 $-$ 1 492: 9639: 85173: 951 057: 80230: 68194: 32 $-$ 1 492: 9639: 85172: 331 059: 45209: 25182: 25 $-$ 1 494: 5739: 85173: 951 061: $-$ 205: 26182: 83 $-$ 1 513: 7639: 85173: 241 061: 29: 12201: 21 $-$ 1 549: 8839: 85173: 951 061: 69219: 12201: 21 $-$ 1 549: 8839: 85173: 821 061: 69219: 12201: 21 $-$ 1 549: 8839: 85173: 821 061: 48212: 83 $-$ 1 549: 8839: 85173: 2410:148212: 88 $-$ 1 549: 8839: 85174: 261 061: $-$ 205: 26182: 83 $-$ 1 549: 8839: 85178: 241	YorkLondonholmParisBrusselsBerlindamBasie5: 1825: 22138: 89100: $-$ 100: $-$ 123: 46208: 32100: $-$ 39: 95183: 771 075: 26288: 65266: 39 $-:$ 541 591: 09755: $-$ 38: 06167: 131 000: 62211: 54181: 73 $-$ 1 450: 92669: 6540: 50176: 701 066: 20214: $-$ 186: 48 $-$ 1 543: 39708: 1740: 17171: 151 051: 50188 48169: 35 $-$ 1 502: 25696: 6939: 85171: 611 043: 16176: 90154: 28 $-$ 1 491: 34692: 6039: 90173: 591 053: 75244: 83208: 19 $-$ 1 486: 23703: 9039: 85173: 951 057: 80230: 68194: 32 $-$ 1 492: 96707: 8839: 85174: 261 061: $-$ 205: 26182: 83 $-$ 1 513: 76725: 5739: 85174: 261 061: 49219: 12201: 21 $-$ 1 549: 88725: 3839: 85174: 241 061: 48121: 83 $-$ 1 549: 88725: 3839: 85178: 241 061: 48212: 83 $-$ 1 549: 88725: 3839: 85174: 261 061: 48212: 83 $-$ 1 549: 88725: 3839: 85178: 241 061: 48212: 83 $-$ 1 549: 88752: 3839: 85178: 241 061: 48218: 83 <td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td> <td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td> <td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td> <td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td> <td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td>	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$

7. - MOVEMENT OF THE DOLLAR RATE.

8. --- BANK OF FINLAND. CLEARING.

•		_	1923	}				1924				. T	otal Cl	earing ¹)	·	
Month	Aver-	High-	Low-	Devi	ation	Aver-	High-	Low-	Devi	ation	Γ	19	23	19	24	Month
	age	est	est	above +	below —	age	est	est	above +	below		Number	Amount	Number	Amount	
											ľ		Mill. Fmk		Mill. Fmk	
Jan.	40: 38	40: 75	40:10	0:37	0:28	40: 17	40: 44	40:05	0:27	0:12	1	83 621	1 318.2	95 959	1 558.2	Jan.
Febr.	38: 27	40:05	36:60	1:78	1:67	39:85	40:01	39: 78	0:16	0:07		72910	1254.6	82 536	1 294.3	Febr.
March	36:45	37: 20	35: 85	0:75	0:60	39:90	40:03	39: 78	0:13	0:12		97 213	1 621.0	90 962	1 292.7	March
April	36: 43	37:	36:05	0:57	0:38	39: 90	39: 99	39: 85	0:09	0:05		85177	1 350.0	93 366	1 326.9	April
May	36: 22	36:45	36: 05	0:23	0:17	39: 85	39: 85	39: 85				90 090	1 348.4	101 073	1 387.4	May
June	36:19	36: 35	36:11	0:16	0:08	39: 85	39: 85	39: 85				87 595	1 368.3	89 578	1 222.0	June
July	36:25	36: 38	36:11	0:13	0:14	39: 85	39: 85	39: 85	—			87 076	1 281.2			
	36: 16			0:06	0:05	39: 85	39: 85	39: 85	-			82 144	1173.5		1 017.7	Aug.
Sept.	37:07	37: 60	36:19	0:53	0:88	39: 85	39: 8 5	39: 85	—			84 727	1274.8	89747	1 109.2	Sept.
	37: 35	37: 55	37:21	0:20	0:14	39: 78	39:85	39: 75	0:07	0:03		96 004	1651.8	99 362		
Nov.	38: 06	40: 50	37:20	2:44	0:86	39: 71	39: 75	39: 70	0:04	0:01		93584	1 559.0	90 9 3 9		
Dec.	40: 50	40: 50	40:45		0:05		1		`		t	$112\ 881$	1245.2			Dec.
Whole	<u> </u>											073 022	16 446.0		1	Total
year	37:42	40:75	35: 85	3: 33	1:57	i					[14 205.4	JanNov

1 1 ') From the beginning of 1923 these figures include the clearing both at the Head Office of the Bank and at five of the branches

9. — HOME DEPOSITS IN THE JOINT STOCK BANKS.*

End of	Cur	Current Accounts ¹) Mill. Fmk			eposit Mill. Fml			Total Mill. Fmk		Mon Move	thly ment	End of
Month	1913	1923	1924	1913	1923	1924	1913	1923	1924	1923	1924	Month
-	[54.3]	[1 022.2]		[591.0]	[3 113.7]		[645.3]					
Jan.	57.9	1 121.4	1 400.0	595.9	3 208.7	3 519.7	653.8	4 330.1	4 919.7	+194.2	+174.8	
Febr.	54.8	1 156.8	1 448.6	599.6	3 252.0	3 551.6	654.4	4 408.8	$5\ 000.2$	+ 78.7		Febr.
March	56.8	1 126.9	1 466.2	603.3	3 33 0.9	3 617.5	660.1	4 457.8	5 083.7	+ 49.0		March
April	54.3	1 1 1 1 0.9	1503.2	603.3	3 400.0	3 647.4	657.6	4 510.9	5 150.6	+ 53.1	+ 66.9	April
May	55.8	1 177.5	1 445.4	601.6	3 422.8	3 647.6	657.4	4 600.3	5 093.0	+ 89.4	- 57.6	May
June	55.6	1 136.1	1 477.6	609.7	3 518.0	3 746.0	665.3	4 654.1	5 223.6	+ 53.8	+130.6	June
July	55.7	1 112.9	1 925.1	613.3	3 541.3	3 725.8	669.0	4 654.2	5 650.9	+ 0.1		
Aug.	57.7	1062.4	1 826.3	615.8	3 525.1	3 698.6	673.5	4 587.5	5 524.9	- 66.7	- 126.0	Aug.
Sept.	57.9	1 146.0	1 797.1	612.8	3 474.6	3 676.0	670.7	4 620.6	5 473.1		- 51.8	Sept.
Oct.	59.7	1 158.0	1 960.9	611.7	3 418.7	3 652.1	671.4	4 576.7	5613.0		+139.9	
Nov.	58.1	1 313.6	1 836.9	605.3	3 385.9	3 615.3	663.4		35 452.2		160.8	
Dec.	54.6	1 294.4	1 000.0	619.2	3 450.5	0 010.0	673.8	4 744.9	10 10010	+45.4		Dec.

Tables 9-11 according to Finland's Official Statistics VII. D. Bank Statistics. The figures in brackets [] indicate the position at the end of the previous year. ¹) Actual current accounts and home correspondents. — ³) Deposit account's and savings accounts. — ³) The large decrease in deposits and loans commencing in November, 1924, is due to the fact that the new Industrial Mortgage Bank withdrew its deposits from the Joint Stock banks in order to pay out the loans granted by it, the receiver of such loans redeeming in turn their own liabilities to the Joint Stock banks. (Cf. Market Review in the Dec. No of the Bulletin). * In this table Mortgage banks are not included.

End of			Inland Bills Mill, Fmk			Loans and Overdrafts ¹) Mill. Fmk			_	Monthly Movement		End of
Month	1913	1923	1924	1913	1923	1924	1913	1923	1924	1923	1924	Month
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	[283.7] 290.2 292.1 294.7 298.1 301.4 297.1 289.0 281.3 278.4 278.1 275.9 274.1	[1 905.3] 1 877.7 1 922.6 2 026.4 2 097.7 2 169.3 2 193.4 2 162.6 2 134.0 2 190.6 2 179.7 2 158.7 2 146.8	2 170.7 2 155.3 2 165.6 2 190.0 2 258.3 2 266.9 2 217.7 2 190.4 2 180.3 2 196.4 2 201.9	$\begin{bmatrix} 453.3 \\ 459.8 \\ 465.4 \\ 467.2 \\ 472.8 \\ 478.5 \\ 474.9 \\ 470.1 \\ 472.3 \\ 470.5 \\ 477.7 \\ 473.4 \\ 469.3 \end{bmatrix}$	$\begin{bmatrix} 4 & 240.6 \\ 4 & 243.8 \\ 4 & 340.4 \\ 4 & 446.6 \\ 4 & 460.8 \\ 4 & 506.5 \\ 4 & 508.0 \\ 4 & 582.4 \\ 4 & 638.8 \\ 4 & 695.0 \\ 4 & 704.1 \\ 4 & 733.7 \\ 4 & 721.7 \end{bmatrix}$	4 738.5 4 758.4 4 763.7 4 857.7 4 912.4 4 905.3 4 923.5 4 929.6 4 951.3 4 989 2 4 844.9	[737.0] 750.0 757.5 761.9 770.9 779.9 772.0 759.1 753.6 748.9 755.8 749.3 749.3 743.4	$\begin{matrix} [6 & 145.9] \\ 6 & 121.5 \\ 6 & 263.0 \\ 6 & 578.5 \\ 6 & 675.8 \\ 6 & 701.4 \\ 6 & 745.0 \\ 6 & 772.8 \\ 6 & 885.6 \\ 6 & 883.8 \\ 6 & 885.6 \\ 6 & 883.8 \\ 6 & 892.4 \\ 6 & 868.5 \end{matrix}$	6 909.2 6 913.7 6 929.3 7 047.7 7 170.7 7 172.2 7 141.2 7 120.0 7 131.6 7 155.6 37 046.8		$\begin{array}{r} + 4.5 \\ + 15.6 \\ + 118.4 \\ + 123.0 \\ + 1.5 \\ - 31.0 \\ - 21.2 \\ + 11.6 \\ + 54.0 \\ - 138.8 \end{array}$	May June July Aug.

10. — HOME LOANS GRANTED BY THE JOINT STOCK BANKS.

¹) Home loans, cash credits and home correspondents, ²) Cf. Note 3 to preceding table.

11. — POSITION OF THE JOINT STOCK BANKS WITH REGARD TO FOREIGN COUNTRIES.

End of	1	redits' Mill. Fmk	-	Mill. Fmk			Net Claim	s (+) and Net Mill. Fmk	Debts (—)	Monthly of Net	End of	
Month	1913	1923	1924	1913	1923	1924	1913	1923	1924	1923	1924	Month
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	[32.9] 30.1 30.4 27.8 26.7 27.5 32.2 40.9 50.5 52.1 53.8 50.5 49.5	[72.2] 101.3 100.4 98.0 90.2 75.2 75.3 86.8 79.0 96.5 93.4 131.7 92.2	92.0 82.2 105.5 117.6 102.9 103.9 107.9 112.1 84.0 103.1 117.4	[15.7] 14.7 17.2 17.6 23.1 27.7 26.0 19.7 16.1 15.6 20.1 20.3 16.2	[971.8] 1 008.8 1 054.0 1 078.9 1 117.4 1 102.2 1 011.4 983.0 951.8 884.3 1 016.6 856.7 810.2	795.3 753.5 673.7 683.8 610.9 594.0 594.0 594.1 498.8 466.3 458.2 470.7	$\begin{array}{c} [+17.2] \\ +15.4 \\ +13.2 \\ +3.6 \\ -0.2 \\ +6.2 \\ +21.2 \\ +34.4 \\ +36.5 \\ +33.7 \\ +30.2 \\ +33.3 \end{array}$	[$\begin{array}{c cccc} + & 46.1 \\ + & 27.3 \\ + & 46.3 \\ - & 0.2 \\ - & 90.9 \\ - & 39.9 \\ - & 23.4 \\ - & 85.0 \end{array}$	$\begin{array}{c} - & 14.7 \\ - & 32.0 \\ - & 103.1 \\ - & 2.0 \\ - & 58.2 \\ - & 17.9 \\ - & 63.9 \\ - & 39.5 \\ - & 4.4 \\ - & 27.2 \\ - & 1.8 \end{array}$	Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.

The figures in brackets [] indicate the position at the end of the previous year. ¹) Balances with foreign correspondents and foreign bills. — ³) Due to foreign correspondents, (90–95 % foreign deposits in Fmks.)

12. - DEPOSITS IN THE SAVINGS-BANKS.

End of Month	I	In the towns Mill. Fmk.			In the country Mill. Fmk.			Total Mill. Fmk			thly ment	End of Month
	1922	1923	1924	1922	1923	1924	1922	1923	⁴)1924	1923	1924	
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	520.2 529.4 541.5 588.3	611.9 622.8 628.4 630.1 633.3 641.8 644.4 646.2 645.6 648.3 691.0	707.0^{*} 714.2^{*} 725.8^{*} 733.8^{*} 742.1^{*} 744.3^{*} 756.2^{*} 756.2^{*} 756.1^{*} 760.6^{*}	721.3 737.0 740.1	* 826.6 839.2 852.1 859.4 854.5 854.7 854.7 854.5 848.9 844.8 843.4 895.2	903.8* 913.2* 922.8* 935.3* 945.3* 939.4* 936.6* 936.6* 937.6* 934.3* 936.0*	1 281.6 •	1 418.6 1 438.5 1 462.0 1 480.5 1 489.5 1 489.5 1 487.8 1 496.9 1 496.9 1 495.1 1 490.4 1 491.7 3)1 586.2	$\begin{array}{c} 1\ 610.8^*\\ 1\ 627.4^*\\ 1\ 648.6^*\\ 1\ 675.1^*\\ 1\ 687.4^*\\ 1\ 683.7^*\\ 1\ 683.7^*\\ 1\ 692.7^*\\ 1\ 693.7^*\\ 1\ 693.7^*\\ 1\ 695.5^*\\ 1\ 696.6^*\\ \end{array}$	$\begin{array}{c} +31.6 \\ +20.1 \\ +23.5 \\ +9.0 \\ -1.7 \\ +0.4 \\ -1.8 \\ -4.7 \\ +1.3 \\ -9.8 \end{array}$	$\begin{array}{r} +21.2 \\ +26.5 \\ +12.3 \\ -3.7 \\ +4.5 \\ +4.5 \\ +1.0 \\ +1.8 \end{array}$	Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.

¹) Increased by 74.9 mill. mk interest for 1921. — ⁵) Increased by 88.6 mill. mk interest for 1922. — ⁴) Increased by 104.3 mill. mk interest for 1918. — ⁴) Excluding interest for 1924. Deposits in the Savings Banks, including long-term deposits and current accounts, according to figures supplied for 1922 and 1923 by the Savings Banks Inspector's Office and for 1924 by the Central Statistical Office. * Preliminary figures subject to minor alterations.

13. — HELSINGFORS STOCK EXCHANGE. BANKRUPTCIES. PROTESTED BILLS.

		ver of		Ba	nkrupt	cles			Prot	ested	B .11	ไร่			
Month	11	Exchang Lill. Fm			Numbe	C		Nun	ıber			Amo Mill.	unt Fmk		Month
	1922	1923	1924	1922	1923	1924	1913	1922	1923	1924	1913	1922	192 3	1924	
January	12.1	14.1	11.0	70	74	124*	959	422	436	801	2.8	4.9	3.9	5.3	January
February	13.1	12.2	12.5	56	60	103*	762	398	326	754	2.1	2.7	3.9	4.2	February
March	10.5	14.9	17.4	77	75	12 5*	957	364	353	762	1.1	2.5	3.3	3.9	March
April	10.8	13.6	16.7	57	60	95*	881	313	301	745	1.2	2.8	3.6	4.4	April
May	17.3	11.8	11.2	72	66	103*	861	370	306	839	1.0	3.6	2.0	4.7	May
June	6.5	7.2	5.3	46	49	70*	807	3 45	416	709	0.8	2.7	2.3	4.0	June
July j	3.9	7.8	5.8	40	44 .	87*	820	363	492	768	0.8	2.3	3.1	5.0	July
August	6.9	8.6	6.9	48	60	56*	799	2 99	430	764	1.0	1.6	3.6	4.1	August
September	11.8	10.3	11.0	58	56	83*	838	31 8	455	714	1.1	3.7	2.7	3.9	September
October	17.0	8.9	8.3	6 3	89	103*	888	334	612	845	0.8	2.3	3.9	5.6	October
November	12.2	9.3	7.4	67	79		762	339	656	783*	0.6	2.9	3.9	5.9*	November
December	13.8	19.5		71	80		942	539	815		1.0	4.8	5.0		December
Total	135.9	138.2		725	792		10 276	4 404	5 5 9 8		14.3	36.8	41.2		Total
JanNov.	122.1	118.7	113.5		Í		9 334	3 865	4 783	8 484*	13.3	32.0	36.2	51.0*	JanNov.

Turnover of Stock Exchange according to figures supplied by the Stock Exchange Committee. The figures for bankruptcies are not comparable with those published earlier in 1923. The figures above, compiled by the Central Statistical Office according to the reports sent in by the various Courts, include all bankruptcy petitions, of which only about half will lead in due course to actual bankruptcy, whereas the rest owing to agreement, lack of means etc. will be cancelled. Protested bills according to figures published in the *Report of Bills Protested in Finland. * Preliminary figures subject to minor alterations.

14. — STOCK EXCHANGE INDEX.

Year	Jan.	Febr.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1921 1922 1923 1924	178 128 145 143	160 132 148 143	150 127 142 139	145 122 142 129	148 122 144 127	141 124 141 126	145 125 147 125	147 127 149 125	138 140 144 122	130 144 145 12 3	129 142 139 123	127 143 140	1921 1922 1923 1924

According to figures published in the *Merceators. This revised index series is based on the prices bid at the end of each month for 18 representative securities, viz., 4 bank, 12 industrial and 2 other kinds of shares. By multiplying the price bid for each security by the number of shares in the corresponding company the so-called *Exchange values has been arrived at for the share capital of the company, the sum of which values has been calculated in '', of the total nominal value of the share capital of the same companies. These percentages in the above table usually show a fall during March and April owing to the payment of dividends.

End of		Foreig Mill. Fmk]	nterna Mill. Emk				tal .Fmk		Endof
Month	Funded	Floating	Total	Funded	Floating	Total	Funded	Floating	Total	Monthly Movement	Month
1922 December	6 59.8	167.1	826.9	956.0	95.0	1 051.0	1 615.8	262.1	1 877.9	+ 40.6	1922 December
1923 December	1 477.8	_	1 477.8	937.4		937.4	2 415.2	_	2 415.2	+ 481.6	1923 December
1924 January February	1 ⁻ 47 3. 9 1 491.6	· 	1 473.9 1 491.6	905.2 887.2	_	905.2 887.2	2 379.1 2 378.8	_	2 379.1 2 378.8	— 36.1 — 0.3	1924 January February
March April	1 459.6 1 442.4	.—	1 459.6 1 442.4	887.0	_	887.1 887.0	2 346.7 2 329.4		2 346.7 2 329.4	-32.1 -17.3	March April
June	1 437.4		1 437.4 1 432.7 1 430.8	884.7 884.6 884.5	_	884.7 884.6 884.5	2 322.1 2 317.3 2 315.3	_	2 322.1 2 317.3	7.3 4.8 2.0	May June July
	1 430.8 1 427.6 1 424.6	_	1450.8 1427.6 1424.6	884.4 884.4	_	884.4 884.4	2 315.3 2 312.0 2 309.0		2 315.3 2 312.0 2 309.0	<u> </u>	August September
	1 405.8	_	1 405.8 1 399.5	883.2 883.2	—	883.2 883.2	2 289.0 2 282.7	=	2 289.0 2 282.7	-20.0 -6.3	October November
1) Normharl		ill. Dollars			fill. Dollar			<u>M</u> ill.	Dollars	_	Normhar
November	62.1		62.1	22.2		22.2	84.3		84.3	•	November

15. — NATIONAL DEBT.

The above table is based on the monthly report on the National Debt published by the Treasury in the Official Gazette. Internal loans are given at their nominal value. Foreignioans are given in Finish currency according to the rate ruling on the date of the raising of the loan. As a result of this, loans of an earlier date than 1914 are set down at par.) Calculated as follows: The loans, negotiated in the country have been calculated in dollars, according to the average rate of exchange of each month. The loans, negotiated abroad, which are all issued in different currencies, are grouped according to tho proportion of currencies, shown by the coupons paid, and redured to dollars at the rate of exchange just mentioned.

16. — TOTAL STATE REVENUE AND PRINCIPAL GROUPS.

Groups of revenue	Jan.— Mill. 1		Groups of revenue	Jan.— Mill. H	
	1923	1924		1923	1924
Revenue derived from state forests	173.0 10.6 533.3 176.3 879.4 131.6 17.2	192.1 9.2 548.1 193.3 888.2 122.9 14.6	Taxes for previous years debited too low	13.7 59.7 13.5 19.4 15.8 24.6 166.4	50.2 65.2 15.2 15.6 19.8 39.3 205.9
Stamp duty	121.2	121.1	Total state revenue	2 355.7	2 500.7

According to figures compiled by the Treasury from the balances of accounts at the end of each month. These are preliminry figures of gross amounts. This table gives figures for the excise on tobacco excluding stamp duty on imported tobacco, which is cluded in the respective figures in table 17.

17. — MISCELLANEOUS STATE RECEIPTS COLLECTED BY CUSTOMS.

(Fmk, 000's omitted.)

Month	Import Customs and Storage Charges	Export Customs	Fines	Clearing Charges	Light Dues	Excise on Tobacco	Excise on Matches	Month
1924 January February March April May June July August September October November December	99 913* 76 103* 62 520* 78 171* 105 659* 95 135* 89 740* 86 006* 86 873* 93 888* 84 248*	146* 14* 16* 47* 565* 2 708* 4 825* 4 041* 3 111* 3 218* 2 263*	370^* 377^* 148^* 649^* 341^* 264^* 144^* 297^* 388^* 540^* 635^*	76* 40* 31* 213* 405* 512* 451* 395* 398* 337*	373* 173* 163* 349* 1550* 1857* 2264* 1927* 1693* 1706* 1478*	9 894* 102* 7 417* 13 898* 17 848* 8 008* 19 765* 8 393* 21 757* 15 627* 8 337*	$\begin{array}{c} 1 \ 274^{*} \\ 2 \ 267^{*} \\ 1 \ 667^{*} \\ 2 \ 1553^{*} \\ 2 \ 155^{*} \\ 977^{*} \\ 1 \ 049^{*} \\ 1 \ 222^{*} \\ 1 \ 210^{*} \\ 1 \ 293^{*} \\ 1 \ 489^{*} \end{array}$	1924 January February March April May June July August September October November December
JanNov. 1924	953 939 672 224	20 954* 30 293 29 150 33 127 20 000	4 153* 2 721 3 073 2 297	2 934* 2 915 2 601 1 948 3 000	13 533* 17 328 17 783 9 511 16 000	131 106* 145 773 118 050 120 205 144 000	16 156* 20 379 14 022 	JanNov. 1924 * 1923 * 1922 * 1921 1924 Budget Estimate

18. — VALUE OF IMPORTS AND EXPORTS.

Month	((Imports). I. F. Vah Mill. Fmk		(1	Exports ^r . O. B. Vah Mill. Fmk	цө)		s of Impor Exports (· Mill. Fmk		Month
	1913	1923	1924	1913	1923	1924	1913	1923	1924	
January February March April May June July August September October November December	61.4 48.4	306.2 261.5 308.3 368.0 460.1 421.4 387.3 370.7 410.3 469.9 451.9 384.7	378.4* 297.9* 244.9* 426.2* 521.8* 441.2* 412.4* 391.9* 418.7* 456.3* 404.3*	$13.0 \\ 14.2 \\ 13.6 \\ 17.3 \\ 36.6 \\ 49.1 \\ 56.6 \\ 52.1 \\ 50.3 \\ 42.9 \\ 32.3 \\ 26.8 \\$	199.0 150.4 154.4 195.5 247.6 529.9 657.3 563.8 477.4 481.2 357.4 378.6	216.7* 140.3* 125.9* 246.2* 328.1* 515.3* 736.1* 587.8* 511.5* 629.1* 522.8*	$\begin{array}{r} -16.9\\ -12.4\\ -16.4\\ -15.0\\ +6.1\\ +13.1\\ +11.8\\ -1.5\\ -18.5\\ -16.1\\ -8.8\end{array}$	$\begin{array}{c} -107.2 \\ -111.1 \\ -153.9 \\ -172.5 \\ -212.5 \\ +108.5 \\ +270.0 \\ +193.1 \\ +67.1 \\ +11.3 \\ -94.5 \\ -6.1 \end{array}$	$\begin{array}{r} -157.6^{*} \\ -119.0^{*} \\ -180.0^{*} \\ -193.7^{*} \\ +74.1^{*} \\ +323.7^{*} \\ +195.9^{*} \\ +92.8^{*} \\ +172.8^{*} \end{array}$	April May June
Total JanNov.		4 600.3 4 215.6	4 394.0*	404.8 378.0	4 392.5 4 013.9	4 559.8*	90.6 81.8	-207.8 -201.7	+ 165.8*	Total JanNov.

The term imports covers all monthed goods which have been placed on the market either immediately after importation or after storage. Exports covers all goods exported from the open market, including re-exports. Goods are declared to the Crustoms by their owner, who must at the same time state the value of the goods as calculated at the frontiers of the country. Consequently, imports are given according to their 0, 1. F. value and exports F. O. B. • Preliminary figures subject to minor alterations.

group				(C. I. I	orts 7. Value) . Fmk)				(F. O. I	orts 3. Value) Fmk		
o. of	Groups of Goods	Nov.	Oct.	Nov.	J	anNov	٧.	Nov.	Oct.	Nov.	Ja	n.—Nov.	
No.		1924	1923	1924	1922	1923	1924	1923	1924	1924	1922	1923	1924
	Live animals	0.0	0.1	· 0.0	1.3	8.0	2.4	0.5	0.0	0.6	9.0	2.2	2.2
2	Food obtained from animals	14.0	12.9	12.2	97.4	107.8	117.6	10.1	34.1	35.8	427.2	243.8	354.4
3	Cereals and their products Fodder and seed	89.4 22.2	62.1 19.6	53.5 11.3	597.8 54.2	$\begin{array}{c} 662.6\\ 125.5 \end{array}$	740.2 134.0	0.2	$\begin{array}{c} 0.0 \\ 1.2 \end{array}$	0.4 0.5	10.9 10.3	4.4 8.7	$\begin{array}{c} 2.2 \\ 3.7 \end{array}$
5	Fruit, vegetables, live plants,												
6	etc. Colonial produce and spices	13.3 44.4	10.4 75.2	$\begin{array}{c} 13.1 \\ 61.5 \end{array}$	65.0 464.6	87,4 512.2	92.1 644.3	0.2 1.4	8.2 1.5	2.8 0.9	3.8 9.0	1.6 4.7	· ~ 1
7	Preserves, in hermetically sealed packages	0.2	0.2	0.2	1.2	2.4	2.2	0.5	0.0	0.2	2.6	3.9	2.9
8	Beverages	1.0	0.8	0.3	5.0	5.6	6.4	0.0	0.0		0.0	0.0	0.0
9	Spinning materials	33.4 9.9	19.2	27.4 7.4	295.3 100.9	254.9 105.3	28 3. 5 78.5	0.1 0.0	0.0 0.6	01 0.1	0.4	0.4 0.4	0.3 4.7
10 11	Yarns and ropes	21.0	8.8 28.2	18.4	270.4	345.2	279.7	0.2	1.5	1.6	12.8	2.8	8.3
12	Diverse textile products	13.9	14.6	10.7	125.7	186.8	166.3		0.0	0.1	3.1 2 191.9	0.5 0.457 e	0.3
13	Timber and wooden articles Bark, cane, branches or	1.1	1.4	1.0	12 0	15.5	18.4	250.8	424.7	527.7	2 191.9	2 40 1.0	2 020.0
14	twigs, and articles made		_						<u> </u>			0.5	
	from same	1.2	3.1	1.7	18.3	18.9	17.1	0.1	0.9	0.5	1.8	2.5	4.2
10	Board, cardboard and pap- er and articles made from						- -						
	same	1.1	1.5	1.6	7.8	15.2	13.2	76.3	132.2	121.0	1 31 0.1	1 103.7	1 225.2
16	Hair, bristles, feathers toge- ther with bones, horn and												
	other carvable goods not												
	specifically mentioned, and	1.5	1.9	1.2	9.7	15.1	15.7	0.2	0.2	0.1	2.1	1.3	1.3
17	articles made from same Hides and skins, leather-	1.5	1.9	1.4		10.1	10.1	0.2	0.4	0.1			
1	goods, furs, etc	18.8	17.4	15.2		191.2	156.0	7.1	12.2	14.3	64.5	71.3 7.5	119.9 6.3
18	Metals and metal goods Machinery and apparatus	48.7 31.7	45.8 21.6	43.0 24.1	367.0 187.3	467.9 261.7	479.2 242.1	0.9	0.8 0.7	$\begin{array}{c} 1.2 \\ 1.6 \end{array}$	10.3 8.0	7.0	11.8
20	Means of transport	4.9	8.7	6.2	46.2	88.9	128.3	0.0	0.1	0.0	10.5	0.9	0.7
21	Musical instruments, instru- ments, clocks and watches	3.5	3.3	2.9	19.7	38.3	33.6	0.0				0.0	0.0
22	Stones and earths, and ar-		0.0	2.0									
	ticles made from same	28.9	27.1	27.1	126.7	198.5	214.8	0.7	1.2	1.3	12.7	11.6	10.3
23	Asphalt, tar, resins, rub- ber and products made		ĺ										
	from same	5.8	8.3	7.1	72.1	76.0	71.6	0.5	0.7	1.1	10.9	6.2	11.2
24	Oils, fats and waxes, and products of same	11.7	28.4	26.5	164.0	161.9	212.0	0.0	0.3	0.0	0.6	0.4	0.7
25	Ethers, alcohols not speci-					-01.0		,,,,	2.2	5.0			
	fically described, ethereal	0.7	0.8	0.7	5.0	5.4	6.2	0.1	0.2	0.4	4.3	3.3	1.7
26	oils, cosmetics, etc Colours and dyes	4.0	2.9	2.3	48.2	50.6	0.⊿ 39.5	0.1	0.0		0.4	0.1	0.1
	Explosives, fire-arms and												
	materials, fuses and fire- works	1.7	0.9	0.5	4.1	10.6	8.2	3.2	4.6	5.4	26.7	31.5	40.5
28	Chemical elements and		0.0	0.5		-0.0	0.4						
	combinations thereof and	12.7	20.5	11.7	113.8	111.1	104.3	0.3	0.3	0.3	8.2	5.8	· 3.8
29	drugs Fertilizers	6.5	6.6	10.6		39. 5	44.4	- 0.3					
	Literature and works of art,												
	educational materials, of- fice fittings, etc	3.3	2.9	3.6	20.3	28.6	29.1	0.6	0.3	0.7	5.6	4.2	3.7
31	Articles not specified else-												
1	where	451.0	1.1	1.3	19.1	17.0	13.1	255 0	0.4	0.2	1.7 4 160.1	2 000 0	
	Total Re-exports	451.9	456.3	404.3	9 0 91 .9	4 215.6	4 394.0	300.8 1.6	626.9 2.2	018.9 3.9	4 160.1 29.1		
	Total	451.9	456.3	404.3	3 531. 5	4 215.6	4 394.0				4 189.2		
•	* Preliminary figures subject					· Į		- '		. '			

* Preliminary figures subject to minor alterations.

۰.

20. - IMPORTS OF THE MOST IMPORTANT ARTICLES.

Menth		kye Tons ·			Rye Flour Tons			Wheat Tons	_	Month
	1913	1923	1924	1913	1923	1924	1913	1923	1924	:
January February March April May June July August September October November December	$\begin{array}{c} 903.3\\974.5\\1\ 391.5\\906.6\\6\ 902.8\\3\ 696.8\\5\ 981.5\\4\ 769.6\\13\ 264.9\\16\ 126.1\\9\ 643.9\\1\ 048.9\end{array}$	2 492.7 8 928.4 11 528.5 12 570.6 7 424.7 17 123.2 18 763.5 16 338.4 7 825.8 30 900.1 26 871.8 15 748.1	$\begin{array}{c} 15 \ 702.2^{*} \\ 16 \ 549.5^{*} \\ 19 \ 340.2^{*} \\ 20 \ 655.1^{*} \\ 25 \ 526.9^{*} \\ 25 \ 543.3^{*} \\ 19 \ 013.4^{*} \\ 8 \ 576.0^{*} \\ 4 \ 358.6^{*} \\ 7 \ 161.0^{*} \\ 5 \ 686.2^{*} \end{array}$	9 524.5 5 218.6 22 320.0 16 083.5 14 597.3 12 149.3 28 854.6 37 290.8	825.5 288.3 362.8 476.5 1740.1 1485.4 1295.9 1857.7 2594.0 2809.9 1389.0	$\begin{array}{c} 672.0^{*}\\ 642.1^{*}\\ 352.2^{*}\\ 933.8^{*}\\ 1\ 253.9^{*}\\ 1\ 375.1^{*}\\ 1\ 294.3^{*}\\ 1\ 996.9^{*}\\ 1\ 008.8^{*}\\ 867.5^{*}\\ 857.4^{*}\\ \end{array}$	69.7 12.4 10.5 23.0 51.5 22.2 0.3 24.3 30.2 66.4 28.0 29.8	98.5 12.8 0.0 24.7 0.1 0.3 1.2 0.7 0.9 0.8	* * 2.1* 3.7* 0.1* * 0.5* 0.0* *	January February March April May June July August September October November December
Total JanNov.	65 610.4	176 515.8 160 767.7	168 112.4*	196 030.3	15 394.9	11 254.0*	368.3 338.5	140.0 139.2	6.4*	Total JanNov.

Month	Wheate	n Flour an of Wheat Tons		Rice	and Grain (Tons	of Rice		0 a t s Tons		Month
	1913	1923	1924	1913	1923	1924	1913	1923	1924	
January February March April May June July August September October	8 858.2 5 904.9 5 799.8 5 950.5 14 905.8 10 647.2 10 108.0 6 870.2 8 862.9 16 015.3	6 205.1 6 301.2 6 603.6 9 600.8 10 909.9 10 099.8 7 576.2 5 802.9 8 444.7 7 375.3	11 059.8* 7 880.9* 5 240.2* 7 165.2* 10 421.8* 10 736.8* 10 886.0* 6 295.9* 5 759.6* 9 790.7*	16.7 53.7 20.9 77.5 2 856.5 1 636.4 2 895.2 1 161.2 1 315.5 2 060.6	634.0 976.9 917.0 759.8 1 662.3 3 715.8 1 880.0 774.5 1 130.5 1 430.3	904.2* 899.7* 465.0* 539.6* 2 207.5* 2 209.5* 1 681.9* 1 579.7* 1 687.1*	579.2 423.3 658.3 562.8 796.5 1 053.2 589.3 370.8 428.5 799.4	138.3 84.6 131.6 213.0 662.8 1 177.9 729.5 630.8 504.6 661.2	1 739.8* 463.4* 551.3* 726.5* 800.1* 500.2* 569.8* 287.1*	June
November December	15 444.7 9 034.3	8 974.7 11 557.8	8 415.3*	185.9 136.4	1 273.4 872.5	542.2*	754.8 386.9	1 703.0 1 284.6	583.2*	November December
Total JanNov.	118 401.8 109 367.5	99 452.0 87 894.2	93 651.7*	12 416.5 12 280.1	16 027.0 15 154.5	15 536.7*	7 4 03. 0 7 016.1	7 921.9 6 637.3	8 582.6*	Total JanNov.

Month	r	Coffee 'Tons		Refi	Sugar ned and Unr Tons	efined	B	taw Tobac Tons	60	Month
	1913	1923	1924	1913	1923	1924	1913	1923	1924	
January February March April May June July August September October November December	623.9 745.4 510.7 719.4 1 812.4 1 300.0 808.8 946.5 1 494.4 1 899.8 1 286.6 719.0	1 679.6 1 307.5 1 366.4 1 337.3 1 391.2 1 326.3 968.0 1 119.2 1 113.5 1 359.6 915.1 380.8	$\begin{array}{c} 2\ 337.9^*\\ 1\ 647.7^*\\ 1\ 147.5^*\\ 1\ 060.2^*\\ 1\ 205.4^*\\ 1\ 267.9^*\\ 1\ 303.2^*\\ 1\ 489.6^*\\ 1\ 490.5^*\\ 1\ 883.8^*\\ 1\ 246.6^*\\ \end{array}$	$\begin{array}{c} 3\ 659.9\\ 3\ 702.2\\ 3\ 250.1\\ 3\ 777.2\\ 3\ 835.0\\ 3\ 502.3\\ 3\ 031.3\\ 3\ 740.7\\ 5\ 945.3\\ 5\ 916.5\\ 4\ 397.4\\ 2\ 907.5\\ \end{array}$	$1 021.8 \\ 417.4 \\ 1 888.8 \\ 2 293.0 \\ 8 373.0 \\ 3 076.6 \\ 5 936.3 \\ 3 394.1 \\ 7 047.0 \\ 5 576.0 \\ 5 446.2 \\ 4 997.5 \\ 1 2 97.5 \\ 1$	$\begin{array}{c} 7 \ 123.5^{*} \\ 4 \ 921.5^{*} \\ 3 \ 328.2^{*} \\ 3 \ 387.2^{*} \\ 7 \ 045.2^{*} \\ 4 \ 849.4^{*} \\ 5 \ 089.3^{*} \\ 6 \ 069.6^{*} \\ 6 \ 696.7^{*} \\ 6 \ 154.2^{*} \\ 7 \ 325.7^{*} \end{array}$	295.4 462.3	245.9 226.7 225.7 262.1 258.0 165.9 299.6 275.5 240.0 215.8 78.3	256.7* 265.8* 254.7* 261.5* 248.8* 317.6* 322.0* 287.9* 209.9*	June
Total JanNov.	12 866.9 12 147.9	14 264.5 13 883.7	16 080.3*	47 665.4 44 757.9	49 467.7 44 470.2	61 990.5*	3 760.5 3 567.8	$2\ 719.5\ 2\ 641.2$		Total JanNov.

* Preliminary figures subject to minor alterations.

Raw Cotton Wool Oilcakes Tons Tons Tons Month Month 1913 1923 1924 1913 1923 1924 1913 1923 1924_ 1 104.6* 248.0* January February 1 153.1 964.4 901.3* 66.3 161.9* 536.6 1 893.9 104.3 January . 949.4* 584.8 80.9 173.3 161.3* 2 087.3 February 659.9 508.5 248.4* 80.7* 1 053.5 668.4 510.6 79.1 95.8 707.2 507.5* March March 940.6* April 472.3* May 179.4* June 875.3* July 630.5* 132.2* 561.5 288.4 86.6 155.0 423.3 1 084.5 April 998.1 503.3 657.8* 39.5 205.0* 1 865.2 May 134.0 317.0 219.9* 137.1* June 541.5 238.1 37.1 104.0 284.6 608.2 381.0* 709.4 366.6 57.8 35.2 133.0* 421.1 122.5 July 213.4* 1 383.4* August September August 700.2 780.4 61.8 78.1 83.9* 1 274.1 753.6 600.7* September 565.5 446.1* 118.4 92.1 91.0* 1 940.0 3 759.1 214.2 1 944.4* 996.0* October November October 157.3 2 024.1 557.0 620.3 386.0* 81.8 88.7* 3 634.4 842.9 949.3 103.3 3 580.8 683,8* 108.2 95 9* 1 698.2 November December 847.9 947.0 53.8 152.3 1 447.0 3,679.8 December Total 8 454.1 7 318.7 866.4 1 389.6 11 581.7 24 122.8 Total 1 370.7* 10 134.7 20 443.0 Jan.-Nov. 7 606.2 6 371.7 5 717.6* 812.6 1237.39 252.2* Jan.-Nov.

20. —	IMPORTS	OF	THE	MOST	IMPORTANT	ARTICLES.	- Continued.

Month		Raw Hide: Tons	8		Coal Tons			Petroleun Tons	1	Month
	1913	1923	1924	1913	1923	1924	1913	1923	1924	<u> </u>
January	558.7	464.3	492.3*	8 411.6	11 287.8	24 497.7*	616.8	30.2	1 273.4*	January
February	371.3	738.2	128.8*	2 016.6	3 216.3	1 937.5*	610.7			February
March	336.4	578.4	121.4*	1 255.0	4 724.3	2 438.2*	188.0	129.4	11.8*	March
April	539.5	592.0	285.1*	15 108.4	11 101.6	5 609.9*	26.8	4.7)	8.0*	April
May	753.1	639.6	295.8*	81 395.7	40 885.5	57 070.2*	61.6	5 640.4	4 654.5*	May
June	586.6	952.8	485.4*	76 753.2	56 666.0	83 706.9*	1 764.6	418.1	6 744.7*	
July	420.0	559.1	590.8*	78 673,8	64 639.9	84 269.8*	7 914.6	1 608.8	549.7*	
August	694.2	642.1	519.0*	73 848.4	58 320.1	76 315.3*	9 699.6	12 595.6	5 869.9*	
September	416.6	767.2	968.9*	99 646.1	67 952.5	93 137.9*	7 334.4	6 007.6		September
October	440.2	705.6	525.6*	67 200.5	82 717.9		4 020.4	107.6		
November	390.8	663.7	284.2*	43 533.0	76 568,7	84 427.8*	3 373.8	18.0		November
December	336.2	637.6		37 771.4	46 589.4		460.0	586.4		December
Total	5 843.6	7 940.6	· ·	585 613.7	524 670.0		36 071.3	27 146.8		Total
JanNov.		7 303.0	4 697.3*	547 842.3	478 080.6	590 415.7*	35 611.3		31 747.4*	JanNov.

21. - EXPORTS OF THE MOST IMPORTANT ARTICLES.

Month		Fresh Meat Tons	1)		Butte Tons			Cheese Tons	•	Month
	1913	1923	1924	1913	1923	1924	1913	1923	1924	<u> </u>
January February March April May June July August September October November December	244.6 203.6 116.0 73.8 80.8 75.2 71.1 113.0 169.7 299.7 276.7 240.7	169.5 172.0 195.3 78.2 139.3 80.9 100.8 146.9 180.0 214.2 173.3 206.3	247.4^{*} 258.7^{*} 260.8^{*} 156.1^{*} 143.2^{*} 151.7^{*} 199.6^{*} 182.2^{*} 259.8^{*} 234.0^{*}	864.3 891.9 1 025.0 1 776.8 1 297.1 1 396.8 1 530.6 797.8 706.9 813.8 711.2 828.1	537.6 527.1 775.4 944.1 848.7 549.9 474.1 880.2 298.6 170.7 143.9 416.1	$\begin{array}{c} 533.0^{*}\\ 620.3^{*}\\ 627.8^{*}\\ 1056.9^{*}\\ 857.3^{*}\\ 618.4^{*}\\ 968.1^{*}\\ 609.8^{*}\\ 555.6^{*}\\ 539.8^{*}\\ 628.6^{*}\\ \end{array}$	34.7 115.2 57.3 95.1 67.9 51.5 29.1 117.0 173.3 173.0 142.4 167.6	215.6 102.0 49.5 70.0 59.7 56.2 63.1 95.1 133.3 158.5 108.1 224.2	155.2* 206.2* 170.6* 186.4* 130.6* 184.8* 305.9* 277.1* 287.0* 281.5*	May June
Total JanNov.		· 1856.7 1650.4	2 241.2*	12 640.3 11 812.2	6 566.4 6 150.3	7 615.6*	1 224.1	1 335.3		Total JanNov.

¹) Fresh meat, excluding pork.

* Preliminary figures subject to minor alterations.

21	EXPORTS	0F	THE	MOST	IMPORTANT	ARTICLES.	 Continued.
----	---------	----	-----	------	-----------	-----------	--------------------------------

- - - -

Month		Raw Hides Tons	ļ		sawn Timl Kinds, excl. 1 000 m ^a		F	uel (wood 1000 m ^s)	Month
	1913	1923	1924	1913	1923	1924	1913	1923	1924	
January February March April May June July August September October November December	317.0 393.4 303.1 441.6 298.7 185.4 230.3 185.7 343.5 297.4 336.6 352.7	77.5 184.9 151.1 109.3 265.7 149.0 240.6 128.1 277.2 198.9 387.4 244.8	745.1* 257.4* 532.3* 467.3* 397.0* 318.9* 152.9* 331.1* 572.0* 724.3*	3.0 5.1 4.2 24.0 307.7 487.6 610.0 721.8 604.5 295.4 81.0 18.6	$\begin{array}{c} 3.1\\ 8.8\\ 0.3\\ 22.1\\ 72.1\\ 465.2\\ 630.7\\ 723.0\\ 615.5\\ 410.3\\ 128.3\\ 67.4\end{array}$	$\begin{array}{c} 0.1 * \\ 5.0 * \\ 0.3 * \\ 3.7 * \\ 53.6 * \\ 322.9 * \\ 701.2 * \\ 717.3 * \\ 555.1 * \\ 376.5 * \\ 152.4 * \end{array}$	77.8 73.7 57.3 74.6 80.1 111.8 123.3 128.5 102.2 118.1 60.1 58.9	$15.6 \\ 9.7 \\ 15.2 \\ 12.3 \\ 14.2 \\ 18.2 \\ 17.3 \\ 12.1 \\ 10.9 \\ 6.7 \\ 1.7 \\ 0.9 \\ 0.9 \\$	0.9* 0.6* 1.3* 8.4* 10 0* 16.3* 21.5* 18.9* 8.3* 2.9*	January February March April May June July August September October November Docember
Total JanNov.		2 414.5 2 169.7	4 951.7*	3 162.9 3 144.3	3 146. 8 3 079.4	2 888.1*	$1066.4 \\ 1007.5$	134.8 133.9	89.7*	Total JanNov.

Month		awn Timbe All Kinds 000 standar	_		Plywood Tons			Matches Tons		Month
	1913	1923	1924	(¹ 1921)	1923	1924	1913	1923	1924	
January February March April May June July August September October November December	2.8 0.0 0.2 3.0 73.8 137.0 161.8 144.7 139.7 121.6 79.7 38.7	2.8 0.4 1.0 0.6 30.9 146.1 171.7 130.9 106.9 123.4 100.8 85.8	10.2^{*} 1.2* 1.0* 1.9* 28.7* 132.0* 207.5* 134.0* 115.4* 162.6* 136.6*	358.7 461.6 126.6 1342.7 255.2 1169.7 844.0 229.0 1648.0 1204.2 995.4 1575.7	2 274.0 1 749.2 2 371.8 2 376.5 1 365.6 1 591.6 3 004.2 2 533.2 3 041.5 3 069.1 2 160.7 2 840.3	$\begin{array}{c} 3 \ 311.8^{*} \\ 2 \ 748.4^{*} \\ 927.0^{*} \\ 3 \ 598.8^{*} \\ 2 \ 214.8^{*} \\ 3 \ 269.0^{*} \\ 3 \ 111.2^{*} \\ 3 \ 183.4^{*} \\ 4 \ 210.5^{*} \\ 4 \ 200.9^{*} \end{array}$	0.5 	$\begin{array}{c} 251.1 \\ 104.6 \\ 298.9 \\ 221.6 \\ 231.8 \\ 302.0 \\ 211.2 \\ 94.5 \\ 440.6 \\ 453.0 \\ 341.4 \\ 258.3 \end{array}$	$\begin{array}{c} 344.9^{*}\\ 380.1^{*}\\ 121.7^{*}\\ 517.1^{*}\\ 315.3^{*}\\ 263.3^{*}\\ 460.3^{*}\\ 253.2^{*}\\ 531.9^{*}\\ 634.1^{*}\\ \end{array}$	January February March April May June July August September October November December
Total JanNov.	903.0	901.3 815.5	932.2*	10 210.8	28 377.7 25.537.4	34 408.9*	8.6 8.6	3 209.0 2 950.7	4 473.3*	Total JanNov.

standard sawn timber = 4.672 m³.
 Figures for 1913 not available. Exports were negligible.

Month		Bobbins Tons	i	Mech	anical H Tons	Pulp')	Che	u1p*)	Month	
	1913	1923	1924	1913	1923.	1924	1913	1923	1924	
January February March April May June July August September October November December	847.8 989.2 1 030.4 885.2 1 130.2 916.0 944.8 796.7 979.8 728.1 1 143.1 935.7	473.6 448.4 619.8 700.6 443.9 497.4 539.0 368.2 440.6 476.3 411.8 610.5	$\begin{array}{c} 410.4^{*} \\ 510.4^{*} \\ 516.9^{*} \\ 483.8^{*} \\ 506.7^{*} \\ 340.2^{*} \\ 414.6^{*} \\ 476.4^{*} \\ 431.0^{*} \\ 569.9^{*} \\ 569.9^{*} \end{array}$	1 227.4 1 262.7 1 987.3 1 888.4 10 418.4 3 555.8 6 485.6 2 868.9 3 965.4 2 872.8 2 872.8 2 725.6 5 657.1	3 591.1 2 077.9 3 031.4 3 001.7 6 897.0 4 413.8 9 695.1 7 606.6 3 137.3 7 981.9 3 919.8 7 328.8	$\begin{array}{c} 10 \ 571.5^{*} \\ 5 \ 530.1^{*} \\ 4 \ 232.2^{*} \\ 5 \ 088.8^{*} \\ 12 \ 682.4^{*} \\ 8 \ 420.8^{*} \\ 13 \ 979.1^{*} \\ 9 \ 670.7^{*} \\ 5 \ 947.9^{*} \\ 7 \ 751.8^{*} \\ 8 \ 577.9^{*} \end{array}$	4 534.1 2 071.5 4 250.1 11 017.5 4 276.5 4 694.7 7 695.0 7 594.4 4 890.8	11 771.4	22 269.5* 13 468.1* 9 120.4* 22 096.5* 41 739.3* 24 242.0* 22 860.3* 21 662.0* 18 287.4* 30 526.7* 23 492.6*	February March April May June July August September
Total JanNov.		6 0 3 0.1 5 419.6	5 230.1*	44 915.4 39 258.3	62 682.4 55 353.6			198 482.1 180 879.4	249 764.8*	Total JanNov.

* Preliminary figures subject to minor alterations. - 1) Dry weight.

21. - EXPORTS OF THE MOST IMPORTANT ARTICLES. - Continued.

Month		Cardboard Tons			Paper All Kinds Tons		Include	Newsprint 1 in previou Tons	s column	Month
	1913	1923	1924	1913	1923	1924	1913	1923	1924	
January February March April May June July August September October November December	$\begin{array}{c} 2 \ 480.7 \\ 4 \ 128.8 \\ 4 \ 371.3 \\ 3 \ 832.1 \\ 5 \ 572.7 \\ 4 \ 540.3 \\ 4 \ 812.5 \\ 4 \ 824.8 \\ 5 \ 206.0 \\ 4 \ 718.1 \\ 4 \ 809.7 \\ 4 \ 454.3 \end{array}$	1 779.0 2 055.9 2 204.2 2 581.6 1 742.6 1 962.0 2 268.2 1 779.6 1 952.1 2 058.4 1 014.3 2 067.9	1 374.0* 1 220.5* 3 137.3* 3 832.1* 1 594.6* 2 506.3*	12 719.9	$\begin{array}{c} 15\ 708.4\\ 12\ 826.7\\ 14\ 887.4\\ 15\ 414.4\\ 3\ 153.7\\ 15\ 935.6\\ 15\ 909.1\\ 12\ 969.1\\ 13\ 633.9\\ 15\ 064.3\\ 13\ 305.9\\ 15\ 080.8 \end{array}$	11 518.2* 8 567.8* 16 170.5* 18 661.2* 14 650.4* 13 227.4* 17 353.6* 15 994.6* 17 322.4* 17 964.6*	5 143.4 5 159.1 5 520.8 5 773.4 5 805.2 5 736.8 5 399.0 6 155.0 6 585.0	10 526.8 9 179.5 11 211.6 10 782.7 9 161.0 11 301.7 10 868.2 10 110.5 10 372.0 11 478.7 10 640.9 11 783.8	$\begin{array}{c} 11\ 868.4^*\\ 8\ 779.7^*\\ 6\ 473.5^*\\ 11\ 265.0^*\\ 14\ 637.9^*\\ 11\ 035.5^*\\ 8\ 849.4^*\\ 12\ 764.6^*\\ 11\ 349.9^*\\ 12\ 672.8^*\\ 13\ 055.6^*\\ \end{array}$	February March April May June July August September
Total JanNov.		23 465.8 21 397.9		145 634.6 132 739.3	173 319.3 158 238.5	166 511.3*	70 066.1 63 557.1		122.752.3*	Total JanNov

22. - FOREIGN TRADE WITH VARIOUS COUNTRIES.

	[Imports I. F. Valu	18)				Exports O. B. Valu	e)	I
Country	Janu	ary-Nove	mber	Whol	e Year	Janu	ary-Nove	mber	Whole	Year
	192	24	1923	1923	1922	19	24	1923	1923	1922
Europe:	Mill. Fmk	%	%	%	%	Mill. Fmk	%	%	%	%
Belgium Denmark Esthonia France Germany Great Britain Holland Latvia Lithuania Norway Poland Russia Sweden Spain Other European countries	125,7 239.6 51.7 109.2 1 305.6 836.8 210.4 9.2 5.4 33.0 46.1 218.1 268.9 11.6 115.9	$\begin{array}{c} 2.9 \\ 6.8 \\ 1.2 \\ 2.5 \\ 29.7 \\ 19.0 \\ 4.8 \\ 0.2 \\ .0.1 \\ 0.8 \\ 1.0 \\ 5.0 \\ 6.1 \\ 0.3 \\ 2.6 \end{array}$	$\begin{array}{c} 3.1\\ 5.3\\ 1.9\\ 34.2\\ 5.4\\ 0.2\\ 0.0\\ 0.7\\ 0.6\\ 4.7\\ 5.7\\ 2.4\end{array}$	$\begin{array}{c} 3.2\\ 5.2\\ 1.9\\ 34.0\\ 18.5\\ 5.4\\ 0.2\\ 0.0\\ 0.7\\ 0.6\\ 4.7\\ 5.7\\ 2.5\end{array}$	2.4 4.4 1.5 33.3 21.6 5.1 0.2 0.1 0.9 0.5 6.3 0.3 0.3 2.3	$\begin{array}{c} 282.0\\ 182.9\\ 15.8\\ 372.7\\ 412.0\\ 1841.4\\ 433.0\\ 11.5\\ 0.2\\ 21.6\\ 1.3\\ 191.4\\ 237.0\\ 15.4\\ 14.3\end{array}$	$\begin{array}{c} 6.2 \\ 4.0 \\ 0.4 \\ 8.2 \\ 9.0 \\ 40.4 \\ 9.5 \\ 0.2 \\ 0.0 \\ 0.5 \\ 0.0 \\ 4.2 \\ 5.2 \\ 0.3 \\ 0.3 \end{array}$	$\begin{array}{c} 6.8\\ 5.1\\ 0.6\\ 9.2\\ 6.3\\ 41.8\\ 8.5\\ 0.1\\ 0.6\\ 0.0\\ 2.0\\ 5.8\\ 0.2\\ 0.3\end{array}$	$\begin{array}{c} 7.3 \\ 5.0 \\ 0.6 \\ 9.3 \\ 6.2 \\ 41.4 \\ 8.5 \\ 0.1 \\ 0.0 \\ 0.6 \\ 0.0 \\ 1.9 \\ 5.6 \\ 0.2 \\ 0.3 \end{array}$	7.0 4.8 1.4 10.3 8.7 37.0 8.3 0.3 0.3 0.3 0.1 3.1 6.5 0.3 0.4
Total Europe	3 647.2	83.0	84.3 ·	84.0	80.8	4 032.5	88.4	87.3	87.0	88.5
Asia Africa United States Other States of North America South America	9.4 2.4 574.6 34.8 124,3	$0.2 \\ 0.1 \\ 13.1 \\ 0.8 \\ 2.8$	$0.3 \\ 0.0 \\ 12.6 \\ 0.3 \\ 2.5$	0.3 0.0 12.7 0.4 2.6	0.2 0.0 15.4 0.6 3.9	43.3 127.5 271.4 4.3 72.9	0.9 2.8 6.0 0.1 1.4	0.7 2.6 7.8 0.1 3.6	0.9 2.7 7.8 0.1 1.3	0.8 2.4 6.5 0.1 1.6
Australia	1.3	0.0 100.0	0.0	0.0	0.0	7.8 4 559.7	0.2	0.2	0.2	0.1 100.0

According to figures supplied by the Statistical Department of the Board of Customs. Up to Dec. 31, 1917, the last port of shipment and the first port of discharge were used in determining the respective countries of import and export. In the case of transportation of goods over land frontiers, the country from which goods arrived or that to which they were transferred was used in a similar sense, with the exception of a part of the exchange of goods with Russia, which was not put down to that country, but to the actual countries of import or export. From January 1, 1918, the country of import indicates the land in which goods were purchased, and country of export the land to which goods were sold. * Preliminary figures subject to minor alterations.

Year	Total		Det	ails			ps divided Purpose	Year	
Month	All Kinds	Foodstuffs	Clothing	Agricultur- al Require- ments	Other Goods	Raw Ma- terials	Machinery	Industrial products	Month
1913	∥ 1 100	100	100	100	100	100	100	100	1913
1914	106	111	99	101	101	100	99	100	1914
1915	162	177	13 0	135	179	147	153	134	1915
1916	227	236	186	149	311	219	263	207	1916
1917	519	647	405	370	526	451	360	465	1917
1918	741	881	600	420	661	647	459	642	1918
1919	755	896	608	600	659	681	487	593	1919
1920	1 387	1 751	1108	934	1268	1 364	931	827	1920
1921	1 329	1 556	1 080	1 087	1 109	1 129	1 005	1 048	1921
1922	1072	1 1 1 50	1067	1 066	913	1 041	820	987	1922
1923	915	963	925	897	823	926	728	826	1923
1924									1924
January	899	902	1004	907	781	949	689	770	January
JanFebr.	921	908	1 036	894	81 0	1 002	672	808	JanFebr.
JanMarch	934	920	1036	905	849	1 023	702	847	JanMarch
JanApril	i 939	931	1063	886	843	990	723	885	JanApril
JanMay	950	946	1084	905	844	", 9 9 9	714	903	JanMay
JanJune	947	949	1069	894	853	990	718	907	JanJune
JanJuly	9 41	952	1057	888	837	974	701	901	JanJuly
JanAug.	943	959	1050	888	841	973	703	899	JanAug.
JanSept.	947	969	1044	909	812	966	727	902	JanSept.
JanOct.	947	981	1045	; 920	818	947	743	903	JanOct.
JanNov.	952	990	1054	924	817	952	754	898	JanNov.
JanDec.	N	ĺ		}		li		I	JanDec.

The import- and export-indices have been calculated by the Statistical Dept. of the Board of Customs in the following manner: the quantities of imports and, respectively, exports for the current year have been multiplied by the average price for the class of goods in question in 1913, after which the import (or export) value for the current year has been calculated in percentage of the sum thus obtained for purposes of comparison. The goods chosen for the setting-up of a total-index hade been divided, according to their use, into the groups: foodstuffs, clothing, agricultural requirements and other goods. The three last-named have been further divided, according to their purpose into raw materials, machinery and industrial products. This import-price index is lower than the wholesale price index because the import-price index is not influenced by the custom duties.

duties.

24. — EXPORT-PRICE INDEX	24. —	EXPORT	-PRICE	INDEX
--------------------------	-------	--------	--------	-------

Year	Total				Det	ails				Year
Month	All Kinds	Fresh Meat	Butter	Cheese	Timber	Bobbins	Mechanic- al Pulp	Chemical Pulp	Paper	Month
1913	100	100	100	100	100	100	100	100	100	1913
1914	103	100	103	105	105	100	100	102	102	1914
1915	134	130	146	140	128	105	111	147	141	1915
1916	254	238	185	290	186	146	278	290	352	1916
1917	375	560	349	600	317	218	389	342	452	1917
1918	415	276	620	501	222	705	508	399	483	1918
1919	441	790	725	1 079	375	1 258	571	500	611	1919
1920	1 053	805	916	1250	886	1 755	1 710	1 742	1185	1920
1921	1 213	1 008	1 636	1 489	9 96	2 186	2 202	1 502	1 433	1921
1922	1 180	1075	1 351	1 066	1 081	1 911	2 002	1 355	1198	1922
1923	1 145	1 083	1 121	985	1 143	1 865	1 708	1264	958	1923
1924							(-		1924
January	1 157	1 080	1 305	1 1 1 1 7	1 138	1 891	1 502	1175	93 0	January
JanFebr.	1 1 4 8	1 057	1 255	1 089	1 1 34	1 889	1 4 4 4	1 1 5 3	932	JanFebr.
JanMarch	1 150	1073	1 249	1 086	1 1 47	1 897	1 461	1162	933	JanMarch
JanApril	1 127	1 065	1 181	1 087	1149	1848	1 458	1147	941	JanApril
JanMay	1 111	1 056	1 1 7 4	1095	1 112	1843	1 394	1 1 36	928	JanMay
JanJune	1 105	1058	1 1 65	1 100	1 1 1 1 8	1 816	1 368	1130	921	JanJune
JanJuly	1 1 0 2	1 060	1 167	1 103	1106	1 808	1 362	1128	919	JanJuly
JanAug.	1 105	1 060	1 178	1 093	1 113	1 835	1 352	1122	918	JanAug.
JanSept.	1 104	1 055	1 194	1091	1114	1 861	1 375	1116	919	JanSept.
JanOct.	1 098	1049	1 215	1 096	1 104	' 1 891	1 370	1 1 0 8	91 9	JanOct.
JanNov.	1 091	1043	1232	1 093	1 093	1 910	1 366	1104	921	JanNov.
Jan -Dec.	k .	·	i	i	ŀ	1	1	:		JanDec.

Presides the total index the table contains indices for only a few of the most important exports. See in addition remarks under Taale No. 23.

23. — IMPORT-PRICE INDEX.

.

25. — INDEX NUMBER FOR QUANTITIES OF IMPORTS AND EXPORTS. 1)

Year	Jan.	Febr.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Whole Year	Jan Nov.	Year
							Imp	orts							ļ
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1913
1920	66.1	73.4	68.6	72.8	36.8	56.7	55.0	47.9	47.8	34.2	48.5	61.9	52.8	52.1	1920
1921	44.1	56.2	58.5	79.3	59.0	53.2	49.0	62.7	49.6	42.5	45.8	72.4	54.5	53.0	1921
1922	45.1	39.1	65.7	92.0	73.8	88.1	67.2	87.9	65.7	59.3	84.3	124.2	74.7	70.9	1922
1923	108.8	104.0	112.6	121.8	91.6	106.7	94.3	105.8	89.2	87.3	104.0	117.8	101.5	100.4	1923
1924	140.7	118.1	83.6	138.8	101.4	109.7	104.3	101.2	83.2	78.4	82.5	1		100.3	1924
	· ·						Exp	orts							
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1913
1920	29.3	67.9	43.0	57.5	62.2	67.2	69.0	85.0	63.7	73.9	78.7	71.2		68.2	
1921	45.0	28.7	36.3	47.2	30.4	39.6	50.2	60.7	90.9	119.6	138.4	88.8	69.0	67.6	1921
1922	82.4	59.2	109.9	106.7	73.3	93.0	98.9	102.3	87.3	98.5	106.5	85.3	93.5	94.1	1922
1923	118.0	85.4	98.3	95.1	59.3	95.9	102.5	92.9	83.0	99.0	101.8	125.2	94.8	92.6	1923
1924	143.7	87.5	80.0	132.5	83.3	95.7	118.5	101.3	92.7	137.5	155.5			110.6	1924

¹) Value of imports and exports calculated on the basis of the prices for 1913 and expressed in percentage of imports and exports for 1918 during the corresponding period.

26. — VALUE OF IMPORTS AND EXPORTS DIVIDED ACCORDING TO THE PURPOSE OF THE GOODS. 1)

		Imp	orts			Ехр	orts		
Year and	Goods for	Production	Goods for (Consumption	Goods for	Production	Goods for (Consumption	Year and
Month	Raw Materials	Machinery	Industrial ·products	Foodstuffs	Raw Materials	Machinery	Industrial products	Foodstuffs	Month
	%	%	%	%	%	8	%	. %	
1913	32.1	10.5	18.4	39.0	67.4	3.0	16.1	13.5	1913
1920 1921 1922 1923	34.4 23.2 32.0 31.8	15.6 13.8 11.3 12.6	17.8 19.0 20.2 2 3. 6	32.2 44.0 36.5 32.0	73.9 61.9 67. <u>4</u> 76.9	0.7 1.7 0.9 0.6	22.8 22.4 21.0 16.1	2.6 14.0 10.7 6.4	1920 1921 1922 1923
1924				ĺ					1924
JanOct. JanNov. Nov.	32.2 32.4 35.2	12.4 12.4 11.5	20.2 20.0 18.5	35.2 35.2 34. 8	76.2 76.3 77.5	0.4 0.4 0.5	14.7 14.7 14.3	8.7 8,6 7.7	JanOct. JanNov Nov.

¹) The goods have been divided into four groups: 1) raw materials and semi-manufactured products, 2) machinery, tools, mean of transport and other similar means of production, 3) other manufactured products and 4) foodstuffs (food and luxuries).

27. — FOREIGN SHIPPING.

Cargo Reg. tons Net. 64 165 43 122 34 832 99 598 164 073 195 764	In Ves- sels 9 7 4 10 171 562	Ballast Reg. tons Net. 5 942 5 963 3 590 9 702 80 720	Ves- sels 111 72 50 141 621	Reg. tons Net. 70 107 49 085 38 422 109 300 244 793	Ves- sels 125 70 49 89	th Cargo Reg. tons Net. 86 326 48 819 31 898 60 242 180 954	Ves- sels	3 776	Ves- sels	Total Beg. tons Net. 101 724 49 466 31 898 64 018 205 573	Febr. March April
Net. 64 165 43 122 34 832 99 598 164 073	sels 9 7 4 10 171	Net. 5 942 5 963 3 590 9 702 80 720	111 72 50 141 621	Net. 70 107 49 085 38 422 109 300	sels 125 70 49 89	Net. 86 326 48 819 31 898 60 242	21 21 3 10	Net. 15 398 647 3 776	sels 146 73 49 99	Net. 101 724 49 466 31 898 64 018	Jan. Febr. March April
43 122 34 832 99 598 164 073	4 10 171	5 963 3 590 9 702 80 720	72 50 141 621	49 085 38 422 109 300	70 49 89	48 819 31 898 60 242	$\frac{3}{10}$	647 3 776	73 49 99	49 466 31 898 64 018	Jan. Febr. March April
43 122 34 832 99 598 164 073	4 10 171	5 963 3 590 9 702 80 720	72 50 141 621	49 085 38 422 109 300	70 49 89	48 819 31 898 60 242	$\frac{3}{10}$	647 3 776	73 49 99	49 466 31 898 64 018	Febr. March April
34 832 99 598 164 073	4 10 171	3 590 9 702 80 720	50 141 621	38 422 109 300	49 89	31 898 60 242	10	3 776	49 99	31 898 64 018	March April
99 598 164 073	10 171	9 702 80 720	141 621	109 300	89	60 242			99	64 018	April
164 073	171	80 720	621								April May
		80 720	621	244 793	357	180 954	008	04040	FOR	005 579	Maw
195 764	562	001000						24 619			
		2 91 823				391 039	251	21 073	1046	412 112	
171 835	695	358 937		530 772		593 862	173	9 267	1235	603 129	July
201 098	632	328 769		529 867		509 317	108	19 189	1 036	528 506	
175 341											
192 681											
163 233	357	198 940	737	362 173	541	344 395	156	27 255	697	371 6 50	Nov. Dec.
											JanNov 1923
580 824	3 380	1 717 675	7 340	3 298 499	5 611	3 0 34 5 1 5	1 398	176 085	7 009	3 210 600	JanNov.
	75 341 92 681 63 233 505 742 580 824 04 Fionis	75 341 486 92 681 457 63 233 357 505 742 3 390 580 824 3 380 04 Finnish vesse	75 341 486 263 855 92 681 457 229 212 63 233 357 198 940 505 742 3 390 1 777 453 580 824 3 380 1 717 675 04 Fionish vessels and 3 93 93 93 93	75 341 486 263 855 929 92 681 457 229 212 1 037 63 233 357 198 940 737 505 742 3 390 1 777 453 1)7 046 508 824 3 380 1 717 675 7 340 04 Finnish vessels and 3 938 foreign 398 foreign 358 100	75 341 486 263 855 929 439 196 92 681 457 229 212 1037 421 893 63 233 357 198 940 737 362 173 505 742 3 390 1 777 453 1)7 046 3 283 195 508 824 3 380 1 717 675 7 340 3 298 499 04 Finnish vessels and 3 938 foreign vessels. 1<	75 341 486 263 855 929 439 196 764 92 681 457 229 212 1 037 421 893 792 63 233 357 198 940 737 362 173 541 505 742 3 390 1 777 453 1)7 046 3 283 195 5 572 580 824 3 380 1 717 675 7 340 3 298 499 5 611 504 Finnish vessels and 3 938 foreign vessels. 631 1 1	75 341 486 263 855 929 439 196 764 404 236 92 681 457 229 212 1037 421 893 792 431 796 63 233 357 198 940 737 362 173 541 344 395 505 742 3 390 1 777 453 1)7 046 3 283 195 5 572 3 082 884 580 824 3 380 1 717 675 7 340 3 298 493 6 611 3 034 515 504 Finnish vessels and 3 938 foreign vessels. 5 572 3 034 515	75 341 486 263 855 929 439 196 764 404 236 113 92 681 457 229 212 1 037 421 893 792 431 796 227 63 233 357 198 940 737 362 173 541 344 395 156 505 742 3 390 1 777 453 1)7 046 3 283 195 5 572 3 082 884 1 290 580 824 3 380 1 717 675 7 340 3 298 499 5 611 3 034 515 1 398 64 Finnish vessels and 3 938 foreign vessels. 1 398 1 398 1 3 1 3 1 1 3 3 1 3 3 3 3 3 3 3 3 3 3 3	75 341 486 263 855 929 439 196 764 404 236 113 18 773 92 681 457 229 212 1 037 421 893 792 431 796 227 23 428 63 233 357 198 940 737 362 173 541 344 395 156 27 255 505 742 3 390 1 777 453 1)7 046 3 283 195 5 572 3 082 884 1 290 163 425 505 742 3 380 1 717 675 7 340 3 298 499 5 611 3 034 515 1 398 176 085 504 Finnish vessels and 3 938 foreign vessels. 163 163 163 176 085	75 341 486 263 855 929 439 196 764 404 236 113 18 773 877 92 681 457 229 212 1 037 421 893 792 431 796 227 23 428 1 019 63 233 357 198 940 737 362 173 541 344 395 156 27 255 697 505 742 3 390 1 777 453 1)7 046 3 283 195 5 572 3 082 884 1 290 163 425 •)6 862 505 742 3 380 1 717 675 7 340 3 298 499 5 611 3 034 515 1 398 176 085 7 009 04 Fionish vessels and 3 3938 foreign vessels. 1 394 <td>75 341 486 263 855 929 439 196 764 404 236 113 18 773 877 423 009 92 681 457 229 212 1 037 421 893 792 431 796 227 23 428 1 019 455 224 63 233 357 198 940 737 362 173 541 344 395 156 27 255 697 371 650 505 742 3 390 1 777 453 1)7 046 3 283 195 5 572 3 082 884 1 290 163 425)6 862 3 246 309 560 824 3 380 1 717 675 7 340 3 298 499 5 611 3 034 515 1 398 176 085 7 009 3 210 600 <t< td=""></t<></td>	75 341 486 263 855 929 439 196 764 404 236 113 18 773 877 423 009 92 681 457 229 212 1 037 421 893 792 431 796 227 23 428 1 019 455 224 63 233 357 198 940 737 362 173 541 344 395 156 27 255 697 371 650 505 742 3 390 1 777 453 1)7 046 3 283 195 5 572 3 082 884 1 290 163 425)6 862 3 246 309 560 824 3 380 1 717 675 7 340 3 298 499 5 611 3 034 515 1 398 176 085 7 009 3 210 600 <t< td=""></t<>

28. - SHIPPING WITH VARIOUS COUNTRIES AND PASSENGER TRAFFIC.

Country of departure		vals ¹) ov. 1924.	Sailings ¹) JanNov. 1924.		Country of departure		rals ¹) ov. 1924.	Sallings ¹) JanNov. 1924.	
and destination	Number of Vessels	1000 Reg. tons Net.	Number of Vessels	1000 Reg. tons Net.	and destination	Number of Vessels	1000 Reg. tons Net.	Number of Vessels	1000 Reg. tons Net.
Europe:					Asia			3	10.3
Belgium	82	67.1	250	194.9	Africa	2	2.2	61	153.3
Danzig	79	35.8	27	11.5	United States.	35	107.5	38	119.3
Denmark	982	575.3	691	157.1	Other States of		-		
Esthonia	1256	94.5	1 157	70.9	America	7	16.2	12	39.9
France	46	44.5	316	257.3	Australia	i —		1	3.6
Germany	1164	719.6	756	383.7	Total	44	125.9	115	326.4
Great Britain	676	589.7	1342	1 192.5		44	140.9	110	0.20.4
Holland	150	133.4	394	31 0.8	Grand Total	7 046	3 283.2	6 862	3246.3
Latvia	114	60.8	27	13.8		DASSENG	ER TRAFI	FIC 2)	
Norway	40	39.1	56	32.4		ASSLIN	LKIKAH	10. /	
Russia	86	35.3		14.9	1	Arr	ived	L	ft
Sweden	2291	731.4	1669	267.1	Month		Of whom		Of whom
Spain	18	15.6	6	8,5		Total	Foreigners	Total	Foreigners
Other countries	18	15.2	5	4.5	77. 1004	1.000	00-	0.150	
Total Europe	7 002	3 157.3	6 747	2 919.9	Nov 1924 JanNov. 1924		907 17 046 :	$2156\ 34879$	1 441 17 183

² 919.9 Jan.-Nov. 1924 31 979 17 046 34 879 ¹) Vessels with cargo and in ballast together. ¹) Sea-traffic. Passenger traffic overland is at present insignificant. According to figures supplied by the Statistical Office of the Shipping Board.

Month	Weight	of Goods ported 1000 Tons		-	kilometr ods-truc Mill. Km	ks	Locor	notives Number		Goods	-trucks i Number	in use	End of Month
	1913	1923 ¹)	1924 ¹)	1913	1923	1924	1920	1923	1924	1920	1923	1924	MOIGH
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	380.5 441.2 412.5 405.0 426.5 443.8 470.3 430.5 437.2 443.5 340.4 302.1	587.6* 696.9* 779.7* 660.4* 671.5* 727.9* 782.4* 780.6* 692.6* 719.6* 602.4* 515.0*	603.3* 672.3* 705.5* 694.9* 740.3* 672.0* 857.9* 774.5* 701.1* 697.0*	28.3 29.7 30.6 32.4 31.1 30.9 34.2 33.7 32.3 32.3 28.9 28.5	$\begin{array}{r} 43.8\\ 45.6\\ 51.8\\ 53.9\\ 52.2\\ 50.6\\ 53.6\\ 56.1\\ 52.7\\ 52.3\\ 46.3\\ 43.7\end{array}$	43.9 48.3 51.8 52.4 55.9 48.5 56.2 56.3 49.8 51.7	445 457 454 446 458 476 473 466 468 472 474 486	466 483 476 460 488 512 511 522 517 515 513 508	501 523 525 519 525 539 547 544 564 548	$\begin{array}{c} 12\ 601\\ 12\ 642\\ 12\ 734\\ 12\ 601\\ 12\ 622\\ 12\ 622\\ 12\ 720\\ 12\ 808\\ 12\ 808\\ 12\ 896\\ 13\ 030\\ 13\ 137\\ 13\ 233\\ \end{array}$	15 837 15 931 16 014 16 146 16 254 16 349 16 405 16 502 16 526 16 526 16 587 16 676 16 678	17 376	Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.
		8 216.6* 7 099.2*	7 118.8*	372.9 315.5	602.6 512.6	514.8							

29. — STATE RAILWAYS.

') Goods transported on credit not included, as details of these are only available at the end of the year. The figures for 1923-have in this respect been adjusted accordingly.

30. — STATE RAILWAYS' REVENUE, REGULAR EXPENDITURE AND TRAFFIC SURPLUS.

Month	Revenue (less Re-imbursements) Mill, Fmk			Regular Expenditure Mill, Fmk			Traffic Surplus Mill. Fmk			Month
İ	1913	1923 ¹)	1924 ¹)	1913	1923	1924	1913	1923	1924	!
January	4.3	48.5*	49.9*	•	32.6*	39.3*	•	15.9*	10.6*	January
February	4.2	48.3*	48.1*	• .	40.7*	45.0 * ji	•	7.6*	3.1*	February
March	4.9	55.7*	52.8*	•	40.2*	53.2*	•	15.5*	- 0.4*	March
April	4.6	54.7*	59.1* H	•	37.2*	46.6*	•	17.5*	12.5*	April
May 🗄	5.2	51.3*	56.0*	•	38.2*	45.6*	•	13.1*	10.4*	May
June	- 5.9	56.5*	56.9*	•	49.8*	58.6*	•	6.7*	-1.7*	June
July	5.7	56.4*	60.1*	•	40.4*	45.9*	•	16.0*	14.2^{*}	July
August	5.5	56.5*	57.8*	•	41.1*	45.8*	•	15.4*	12.0*	August
September	5.3	52.3*	54.0*	•	42.5*	46.8*	•	9.8*	7.2*	September
October	4.7	53.1*	53.5*	•	39.8*	43.8*	•	13.3*	9.7*	October
November	4.0	46.5*		•	39.3*		•	7.2*		November
December	4.3	50.7*	i.	•	54.4*	1	•	- 3.7*		December
Total	58.6	630.5*	il	40.3	496.2*		18.3	134.3*		Total
JanOct.	50.3	533.3*	548.2^{*}	•	402.5*	470.6*	•	130.8*	77.6*	JanOct.

According to Finnish State Bailways' Preliminary Monthly Statistics. *) At the final closing of the books the figures for income and expenditure will alter to a certain extent, in some cases quite-considerably. The difference between the results based on preliminary data and the final figures will be adjusted in the figures for Decem-ber. The figures for 1923 have in this respect been adjusted accordingly. Preliminary figures subject to minor alterations.

31. — INDEX NUMBER OF COST OF LIVING. 1)

Month	Foodstuffs	Clothing	Rent	Fuel	Tobacco	Newspapers	Taxes	Total Cost of Living	Monthly Movement	Month
1914 JanJune 1921	100	100	100	100	100	100	100	100		1914 JanJune 1921
December	1 230	1 107	603	1 249	1 293	818	2 093	1 172	- 60	December
1922 December	1 122	1 090	795	1 340	1 283	1 079	2 526	1 157		1922 December
1923 November December	1 133 1 112	1 042 1 042	973 981	1 5 3 9 1 511	1 283 1 286	1 079 1 079	2 526 2 384	1 190 1 170	-3 -20	1923 November December
1924 January February March April May June July August September October November	1 156	$1 \ 038 \\ 1 \ 037 \\ 1 \ 038 \\ 1 \ 039 \\ 1 \ 038 \\ 1 \ 036 \\ 1 \ 035 \\ 1 \ 035 \\ 1 \ 035 \\ 1 \ 042 \\ 1 \ 046 \\ 1 \ $	981 981 981 981 1 163 1 163 1 163 1 163 1 165 1 165	$1 506 \\ 1 499 \\ 1 499 \\ 1 496 \\ 1 471 \\ 1 480 \\ 1 463 \\ 1 463 \\ 1 469 \\ 1 461 \\ 1 456 \\ 1 450 \\ 1 45$	1 276 1 280 1 276 1 274 1 271 1 272 1 271 1 272 1 272 1 272 1 270 1 270	$1 079 \\$	2 384 2 384	$\begin{array}{c}1155\\1143\\1141\\1121\\1121\\1147\\1154\\1198\\1199\\1219\\1222\end{array}$	$ \begin{array}{r} -15 \\ -12 \\ -20 \\ +26 \\ +7 \\ +44 \\ +1 \\ +20 \\ +8 \end{array} $	1924 January February March April May June July August September October November

¹) From the beginning of 1921 onwards a new official index has been drawn up differing from that published in the Builetin for 1922 in that the whole first half of 1914 forms the basis (= 100) for the same, and that the rise in taxation is also included. The index is calculated by the Social-Statistical Department of the Central Statistical Office and is based on monthly reports from 21 different centres; it shows the rise in the cost of living for a workingman's family of normal size, the income of which amounted during the years 1908—1909 to 1600—2000 Fmk, assuming that the average monthly consumption within the same remained unaltered. The index for total cost of living is the average based on weight of the different indices.

32	WHOLESAL	E PRICE	INDEX.
----	----------	---------	--------

Year and month	Animal foodstuffs	Vegetable foodstuffs	Leather products	Woodgoods products	Paper products	Textile products	Iron and steel products	Sundry commodities	All commodities.	Monthly Movement	Commodities produced and consumed in the country	Imported commodities	Hxported commodities
	(17)	(24)	(7)	(26)	(9)	(12)	(14)	(26)	(135)		(61)	(39)	(85)
1921 December	1 036	1 504	967	1 333	1 154	1 531	1 151	1 408	1 295	<u> </u>	1 209	1 462	1 275
1922 December	989	1 256	844	1 333	1 002	1 352	1 088	1 093	1 149	+ 9	1 105	1 159	1 216
1923 November December	971 1 003	1 165 1 180	691 675	1 198 1 251	885 890	1 279 1 301	1 016 1 016	1 071 1 120	1 070 1 096	-7 + 26	1 081 1 100	1 054 1 068	1 069 1 121
1924 January February March April May June July August September October November	999 986 1 016 987 970 945 967 1 011 1 045 1 023 989	$1 174 \\1 196 \\1 222 \\1 227 \\1 229 \\1 217 \\1 281 \\1 268 \\1 300 \\1 367 \\1 369 \\$	698 730 772 748 739 748 751 744 750 783	$1 209 \\1 204 \\1 200 \\1 210 \\1 207 \\1 192 \\1 186 \\1 195 \\1 157 \\1 104 \\1 128$	878 874 870 872 878 878 878 878 879 893 893 896 897 914	$1 291 \\ 1 287 \\ 1 323 \\ 1 343 \\ 1 349 \\ 1 346 \\ 1 323 \\ 1 326 \\ 1 296 \\ 1 282 \\ 1 291 \\ $	997 990 988 987 989 989 989 989 989 989 989 987 986 979	$1 048 \\ 1 072 \\ 1 084 \\ 1 091 \\ 1 082 \\ 1 121 \\ 1 088 \\ 1 142 \\ 1 175 \\ 1 182 \\ 1 192 \\$	1 071 1 078 1 094 1 095 1 090 1 088 1 085 1 111 1 117 1 114 1 127	$ \begin{array}{r} -25 \\ +7 \\ +16 \\ +1 \\ -2 \\ +26 \\ +6 \\ +6 \\ +6 \\ +6 \\ +6 \\ \end{array} $	$\begin{array}{c} 1062\\ 1060\\ 1075\\ 1074\\ 1073\\ 1092\\ 1002\\ 1100\\ 1143\\ 1133\\ 1112 \end{array}$	$1 061 \\ 1 079 \\ 1 104 \\ 1 111 \\ 1 107 \\ 1 092 \\ 1 056 \\ 1 129 \\ 1 132 \\ 1 172 \\ 1 202 \\$	$1 099 \\1 109 \\1 115 \\1 114 \\1 101 \\1 078 \\1 090 \\1 092 \\1 056 \\1 023 \\1 049$

The index is worked out at the Central Statistical Office's Department for Economic Statistics. — In determining the bases of calculation for the index the combined value of the country's production and imports for 1913 are taken into account without deducting the value of exports. The total number of commodities included is 135, and the figures in brackets at the head of the columns indicate the number of commodities in the corresponding groups. — In working out the index figures the method known as sproportionate prices sis employed, i. e. the price of each commodity is taken in a percentage ratio to a corresponding figure for the basic period and the average is then calculated on the basis of the resultant proportionate figures. The corresponding months in 1913 are taken as a basis. In the calculation is geometrical averages are employed. No actual weighting of figures is undertaken; this is carried out, however, indirectly with the aid of the list of commodities.

		1922			1923			19	24		
End of Month	Male	Female	Total	Male	Female	Total	Male	Female	Total	Monthly Move- ment	End of Month
January	2 607	978	3 585	1 552	701	2 253	1 070	545	1 615	+ 836	January
February	2 613	874	3 487	1 451	541	1 992	1 125	560	1 685	+ 70	February
March	2 089	772	2 861	887	355	1 242	1 177	443	1 620	- 65	March
April	1 487	773	2 260	562	397	959	687	616	1 303	- 317	April
May 1	609	463	1 072	368	331	699	385	395	780	- 523	May
June	514	285	799	251	261	512	324	348	672	- 108	June
July	346	281	627	289	235	524	245	287	532	-140	July
August	332	420	752	270	353	623	346	499	845	+ 313	August
September	394	397	791	273	403	676	459	727	1 1 86	- 341	September
October	562	560	1 1 2 2	347	539	886	747	811	1 638	+452	October
November	786	634	1 420	493	592	1 085	1 481	971	2452	+ 814	November
December	836	458	1 294	488	291	779					December

33. — NUMBER OF UNEMPLOYED.

This table, prepared from the weekly reports of the Labour Exchange Department of the Ministry of Social Affairs, shows the number of unemployed registered in the books of the communal labour exchanges in the majority of towns and a very small part of the rural centres of population at the close of the week nearest to the month's end. As agricultural labourers and skilled artisans proper register, up to the present, only in a minority of cases at the communal labour exchanges, the table does not give a complete review of the number of unemployed, but is to be regarded more as symptomatic.

Cessation of work continued Initiated cessation of work Total from preceding month affecting affecting affecting Month Month number number number employers hands employers handa employers hands October October November November December ī Ŝ. $\tilde{24}$ December January. January February 3 8 6 February 30 60 44 March. March April April 28 693 May 8 7 2 2 4 1 1 745 May June 1 649 June 82 84 July 3 689 1 457 July $\frac{2}{7}$ August August 27 September September $\mathbf{2}$ October 6 October ž November November December December $\mathbf{22}$ January January February 3 1 8 8 February March March April April May May 3 June June July July -4 August 9 August September September October $\tilde{2}$ 3 October November November

34. — CESSATION OF WORK.

The above particulars which are of a preliminary nature, have been compiled by the Social-Statistical Department of the Central Statistical Office. As they indicate, only a few cases of cessation of work on a small scale have interrupted peaceful labour conditions in Finland during the last few years. The most serious conflict in 1923 arose in the building trade in Heisingfors, lasting for two months, and amon : the stevedores in May, while the longest cessation of work occurred in the metal industry. The majority of cases of cessation of work were described as strikes.

CERTAIN PARTICULARS ABOUT FINLAND.

1. FORM OF GOVERNMENT.

Finland formed a part of the kingdom of Sweden from 1154 to 1809; since 1809 it was an autonomous Grand Duchy connected with Russia up to December 6th, 1917, when Finland declared its independence. It became a republic in 1919. The Diet together with the President possess the legislative power of the country. The highest executive power is held by the President chosen for a period of 6 years. The Diet, composed of 200 members, is elected by universal suffrage.

The proportions of the different parties in the Diet elected on the 1st. and 2nd April are as follows

	Swedish people's party (Swedish speaking po-	Number	Per cent.
Right {	pulation)	23	11.5
	Unionist party	38 61	19.0 30.5
Centre	Agrarian party	44	22.0
	Progressive party	17 61	8.5 30.5
Left {	Social-Democrats	60	30.0
	Communists	18 78	9.0 3 9.0

2. LAND.

THE AVERAGE TEMPERATURE in the coldest month is in S. W. Finland -5° to -6° C., in Lappland -15° C. and during the warmest month $+15^{\circ}$ and $+13^{\circ}$ to $+14^{\circ}$ C. resp. The average temperature in Helsingfors is $+4.6^{\circ}$ (in Christiania $+5.5^{\circ}$, in London $+9.9^{\circ}$, in Montreal $+5.5^{\circ}$, in Chicago $+9.1^{\circ}$, in Vladivostock $+4.4^{\circ}$, in Moscow $+8.6^{\circ}$). The ground is covered with snow in the South during about 100 days, in Central Finland during 150 to 180 days, in Lappland about 210 days.

THE AREA (the new province of Petsamo included) is 387, 565 square kilometres (= 149, 651 square miles, Great Britain's area is 89,047 sq. m. and Italy's area 110,632 sq. m.). Of the total area 343,279 sq. km. (88.6 %) consist of land, while 44,286 sq. km. (11.4 %) are lakes. On an average 10.8 % of the land in the south of Finland is cultivated, 0.8 % in the North, 6.1 % of the whole land.

3. POPULATION.

NUMBER OF INHABITANTS (1922): 3.4 millions, of which 0.2 million emigrants, [in Sweden (1921) 6.0, in Switzerland (1920) 3.9, in Denmark (1921) 3.3 and in Norway (1920) 2.6 millions.

DENSITY OF POPULATION (1920): In South-Finland 17.2, in North-Finland 2.3 and in the whole country an average of 10.1 inhabitants to the square kilometre.

LANGUAGE (1920): Finnish speaking 89 %, Swedish speaking 11 %.

BELIGION (1920): Lutheran 98 $^{\circ}/_{o}$, Greek-Orthodox 2 $^{\circ}/_{o}$.

DISTRIBUTION (1922): 83.9 $^{\circ}/_{\circ}$ of the population inhabit the country, 16.1 $^{\circ}/_{\circ}$ the towns. The largest towns are (1922): Helsinki (Helsingfors), the capital. 201,435 inhabitants, Turku (Åbo) 59,457, Tampere (Tammerfors) 49,898, Viipuri (Viborg) 31,353.

EDUCATION (1920): Amongst persons over 15 years of age only $0.8 \circ/_0$ are illiterate. Three universities founded 1640, 1917 and 1920.

INCREASE OF POPULATION (1922): Births 23.4 $^{\circ}/_{oo}$, deaths 14.4 $^{\circ}/_{oo}$ (in France in 1919 15.0 $^{\circ}/_{oo}$, and in England in 1920 12.4 $^{\circ}/_{oo}$), natural increase 9.0 $^{\circ}/_{oo}$.

4. INDUSTRIAL AND BUSINESS CONDITIONS.

PROPORTIONS OF OCCUPATIONS OF THE POPULATION (1920): agriculture 65.1 $^{\circ}/_{\circ}$, industry and manual labour 14.8 $^{\circ}/_{\circ}$, commerce 3.4 $^{\circ}/_{\circ}$, other occupations 17.7 $^{\circ}/_{\circ}$.

AGRICULTURE (1920): Cultivated land 2.0 million hectars, divided as follows: area under cultivation 0.5-10 hectars 33.8 °/₀, 10-50 ha. 48.9 °/₀, 50-100 ha 9.3 °/₀, over 100 ha. 8.0 °/₀. The above mentioned surface of cultivated land was divided between the different kinds of crops as follows: 45.8 °/₀ hay, 19.6 °/₀ oats, 11.2 °/₀ rye, 5.8 °/₀ barley, 3.5 °/₀ potatoes, 14.1 °/₀ other. The number of dairies in 1920 amounted to 455.

INDUSTRY (1922): Number of industrial concerns 3,294, hands 132,842, gross value of products of industry 8,085.4 million marks.

LENGTH OF RAILWAYS (1924): 4,527 km., of which 4,231 km. State railways and 296 km. private. The gauge is 1.524 m.

COMMERCIAL FLEET (1922): Sailing ships 646 (94,757 reg. tons net.) steamships 636 (88,819 r. t.), motor boats 125 (16,990 r. t.), lighters 3,284 (267,271 r. t.). Total 4,691 (467,837 r. t.).

CURRENCY: Since 1860 the currency unit is the Finnmark (= 100 pennies) = 1 French franc. The redemption of bank notes in gold was cancelled on April 15th, 1915.

THE CENTRAL BANK. The Bank of Finland, (founded in 1811) is a State Bank. Its head-office is in Helsinki (Helsingfors) with branches in Turku (Åbo), Pori (Björneborg), Vaasa (Vasa), Oulu (Uleåborg), Kuopio, Joensuu, Sortavala, Viipuri (Viborg), Mikkeli (S:t Michel), Tampere (Tammerfors), Hämeenlinna (Tavastehus), Jyväskylä and Kotka.

THE JOINT STOCK BANKS (1923): Number 21, possess 412 branch offices, where all kinds of banking business is transacted. Including all banks, there is one banking establishment per 7,700 inhabitants.

THE SAVINGS BANKS (1923): Number at the nd of the year 467.

AGRICULTURAL CO-OPERATION IN FINLAND.

BY

J. SÄNTTI, M. A.

DIRECTOR OF THE STATISTICAL DEPARTMENT OF THE CENTRAL CO-OPERATIVE BUTTER EXPORT ASSOCIATION "VALIO".

POSSIBILITIES AND ORIGIN OF AGRI-CULTURAL CO-OPERATION.

Finland is an agricultural country; 2/3 of its population depend for their living on agriculture and its subsidiary trades. Agriculture in Finland consists to a great extent in the cultivation of small holdings. In 1920, 281,386 or 92.2 % of the 305,166 farms in Finland were small holdings with an area of not more than 20 hectares. Most of the cattle owners, too, possessed only a small number of cattle. In 1910, 225,833 or 79.5 % of Finland's 284,228 farmers owned only 1 to 5 cows each.

At the beginning of the century most of the small holders still lived in very straitened circumstances, since at that time professional skill was still undeveloped and the greater part of the profits from the sale and refinement of agricultural products did not fall to the share of the original owner. Under such circumstances a wide field of action was open for co-operation.

Methodical co-operation, with an acknowledged object, began in Finland in 1899, when, on the initiative of Professor Hannes Gebhard, a special organisation, the Pellervo Society, was formed for introducing, organising and promoting co-operation in Finland. In 1901 a law of cooperation was passed which came into force on September 1st of the same year. The agricultural population of Finland eagerly embraced the idea of co-operation and began to put it into practice in several branches of agriculture with enthusiasm. Thanks to favourable conditions, the influence of well planned propaganda and successful organisation, agricultural co-operation in Finland has since then spread rapidly all over the country and become quite a remarkable power not only for Finland's agriculture, but for its whole economic development.

The most important of the co-operative societies of Finland are the co-operative dairies, cooperative credit societies, machinery, peat fuel. sawmill, flourmill, egg-selling, live stock and timber sale societies. Besides these there are, too, some agricultural co-operative societies of minor importance.

Since a report on the co-operative credit societies in Finland (has already appeared in this publication (1923 No. 4), the development of the other agricultural co-operative societies will be described below, primarily the co-operative dairies and the live stock sale societies, whose activity deals with what is probably the most important side of Finnish agriculture, namely cattle farming.

CO-OPERATIVE DAIRIES.

As early as the 1890's there were some tens of dairies which applied the principles of co-operation to their trade, but as to their organisation were joint-stock companies. Real co-operative dairies were not founded before the Act concerning co-operation came into force and in 1902 already 28 such dairies were registered.

The development of the co-operative dairies after this date is seen in the following figures:

÷ .

Year.	Number of co-oper. dairies	Membership.	Number of cows.	Milk brough to the dairies Million kg.
1902	28	2,400	16,000	20.0
1905	225	21,000	137,000	143.0
1910	328	34,00 0	243,000	267.0
1915	42 1	45,000	288,000	331.0
1920	434	46,000	300,000	242.0
1922	485	50,000	323,000	328.0
1923	510	c. 52,000	333,000	335.0

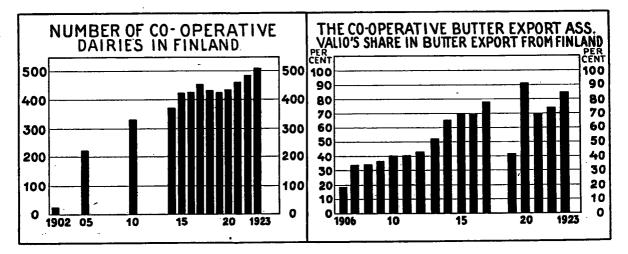
Up to the end of 1907 co-operative dairies were established in rapid succession. In 1908—1911 progress in this direction grew weaker partly on account of the existing difficult economic condi-

tions, partly because some financially weak cooperative dairies failed, thus making cattle owners apprehensive of new dairy enterprises. During this period, however, efforts were made to improve the economic position of the co-operative dairies by the aid of energetic instruction, as well as to develop their management and business organisation. Thus the apparent stagnation was made up for by a period of internal consolidation and improved solidity. Thus the funds of the co-operative dairies grew from 30 % to 53 % of the total capital of the concerns during the 4 years' period mentioned. Between 1912-1917 the founding of new co-operative dairies was again lively, but eventually ceased altogether on account of the war. This activity first came into full swing again in 1921-1923. And at the end of 1923 there were 510 co-operative dairies in Finland.

At the present time the co-operative dairies number 52,000 members, who own 333,000 cows or about 27 % of all the cattle in Finland. On account of its scanty population Finland is behind other countries in this respect. In 1923 as many as 92.4 % of the cattle owners possessed 1 to 15 cows only, and the average number of cows per member is 6.3 which shows that the members are chiefly owners of a small number of cattle, as is the case also in the co-operative dairies of other countries. It is also on account of the country not being very populous that the dairies generally have only a few members. The average membership of a co-operative dairy was 121 in 1920 and dairies with, at most, 200 members numbered 83.2 % of the total.

The annual quantity of milk delivered to the co-operative dairies varies from year to year, according to the hay crop and the richness of pasture. During the war a reduction in the stock of cattle also took place. At the beginning of the war, in 1915, the quantity of milk was 331 million kg. During the war it decreased to 163 million kg. in 1918, but has since then increased very much, so that it attained the figure of 285 million kg. in 1921 and in 1922 328 million kg. There is no later information available, but the development continues in the same direction.

Of the milk delivered to the dairies the average quantity per cow is comparatively small in Finland on account of the cattle feeding being neither sufficiently rational nor plentiful: it is for the most part pasture in summer and hay and straw in the winter. The use of corn, oilcakes and other strong cattlefood is general only in the more highly cultivated parts of the country. In ordinary pre-war times 1,140 to 1,165 kg. of milk per year and cow were delivered to the co-operative dairies. In some dairies, it is true, it now reaches 1 500 to 1,600 kg., but in the dairies of East-Finland it remains a good deal below 1,000 kg. In the co-operative dairies of Denmark the corresponding average figure is 2,550 kg. On the other hand it must be remembered that the native breed of cattle chiefly used in Finland is of a smaller type than that of other countries. Rational feeding with oilcakes,



corn and other strong cattlefood, as in Denmark, also considerably increases the average milking.

The use of milk for various dairy purposes in Finland and a couple of other countries is seen from the figures below, calculated in percentage of the total quantity of milk.

In	Butter making. %	Cheese manufacture. º/o	Sales of milk. %
Finland 1918	81.2	3.4	15.4
1920	79.1	5.6	15.3
1922	78.2	6.6	15.2
Denmark	77.0	2.8	20.2
Sweden	49.4	6.6	44.0

Until recently the Finnish co-operative dairies made butter exclusively. It was not until 1913 -14 that they began to produce cheese. Since then the quantity produced has increased regularly.

The production of the co-operative dairies at present amounts to about 12 million kg. of butter and 2 million kg. of cheese, the latter article being almost exclusively Emmenthaler cheese. About 30 to 35 % of the butter from the cooperative dairies is consumed in the country and 70-65 % is exported, chiefly to England. Of the cheese production about 15 % is sold in the country and 85 % is exported. Almost all the butter and cheese exported from Finland is produced by the co-operative dairies. At present these articles enjoy a good reputation abroad and compete successfully with the produce of other agricultural countries.

The total sales from the co-operative dairies at present amount to about 550 million marks (about 14 million dollars) a year. The average price realised for butter in 1922 was Fmk. 35: 94 a kg. and for milk Fmk. 1: 55 a kg. The average price paid to producers for 1 kg. of milk amounted to Fmk. 1: 39. The funds of the co-operative dairies of Finland amount to about 30 million marks.

CENTRAL ORGANISATIONS OF THE CO-OPERATIVE DAIRIES.

For the joint sale of their products and, generally speaking, in order to promote dairyfarming, the co-operative dairies in 1905 founded the Central Co-operative Butter Export Association called "Valio", which rapidly developed into the greatest butter exporting concern in the country, and at the present date, practically speaking, carries on the whole of Finland's butter export. The following figures show the development of the butter exporting concern "Valio" and the growth of its importance for the Finnish butter trade.

Valio's sales of butter (barrels of about 50 kg.)

		Of w	hich	Valio's share in
	Total sales.	Sold in Finland.	Exported.	total ex- ports.
1906	56,600	<u> </u>	56,600	18.9
1 91 0	94,370	4,400	89,970	40.5
1914	157,460	16,730	140,730	63.2
1922	158,570	34,700	123.870	76.1
1923	172,400	60,100	112,300	86.1

The butter exports of Finland have been centralized in one large concern. In other countries there are several competing central concerns, in Denmark 11, in Sweden 4 and in Holland 8. In Esthonia, on the contrary, there is also only one exporting concern.

Besides the sale of butter, "Valio" also deals in cheese, milk, cream and condensed milk, which latter article it also manufactures. Albout 1.3 million kg. of cheese are sold annually by "Valio" and about 34 million kg. of milk and cream. The total sales by "Valio" in 1928 amounted to 350 million marks. Its own funds amount to 10 million marks.

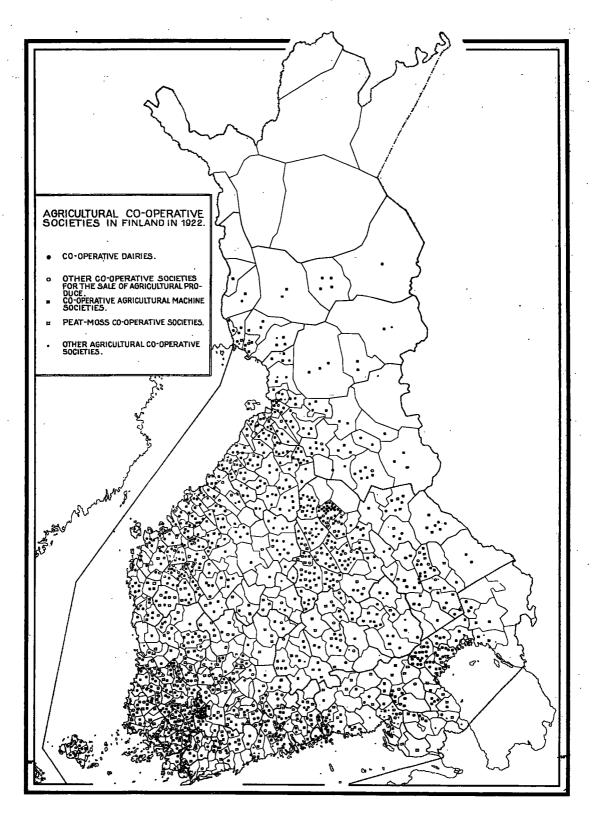
In addition to its sales of dairy produce "Valio" is active in the field of technical instruction in dairy work by means of a staff of instructors. a technical dairy advisory department, a bacteriological and chemical laboratory, an Institute for Dairy work, and by the publication of a trade journal etc.

At the end of 1923 there were 338 co-operative dairies who were members of "Valio".

(The Swedish speaking districts of Ostrobothnia have also founded a separate co-operative butter export association, "Centralandelslaget Enigheten". Its membership in 1923 consisted of 18 co-operative dairies.

For the improvement of dairy technique and management, the co-operative societies have founded 12 dairy unions.





OTHER AGRICULTURAL CO-OPERATIVE SOCIETIES.

Of other agricultural co-operative societies the co-operative machinery societies are, perhaps, the most important after the co-operative credit societies. At the end of 1923 there were 524. Of these, 424 were threshing machine societies and 100 sawmill and flourmill societies. The importance of co-operative machinery societies has grown very much during recent years on account of the rise in labourers' wages simultaneously their membership has increased considerably.

Up to 1909 the live stock trade was altogether in the hands of private butchers and dealers in live stock. It was not until that year that the first Live Stock Co-operative Societies began their work. The great demand for beef during the first years of the world war gave an impetus to the formation of these societies. In 1914—17 several of them were started and there are now 20 of them in existence. During the war some of these live stock co-operative societies developed into large concerns, owning several slaughterhouses; one even built a modern establishment for bacon manufacture.

In 1918 the live stock co-operative societies founded their own central society, the Finnish Live Stock Central Co-operative Society, of which 14 live stock co-operative societies were members in 1922.

The sales of the concern amounted to 41 million marks. The Live Stock Central Cooperative Society owns a slaughter-house for export in Tornio and a sausage factory in Helsingfors and another in Viborg.

The youngest of our agricultural co-operative societies are the egg-selling societies. The exceptional conditions occasioned by the war also gave an impetus to their foundation. When the importation of eggs ceased, egg prices rose so considerably that egg production became very lucrative. Thus the organisation of the sale of eggs also became important. The greater part of the egg-selling societies was founded in 1919— 1922. At present there are 127 of which, however, only 100 are in operation. These co-operative societies also founded a central concern in 1921, the Central Co-operative Egg Export Association which 102 co-operative societies have joined. In 1923 the sales of the central concern amounted to 5 million marks. Besides trading it carries on propaganda for furthering poultry-farming and founding eggselling co-operative societies.

Amongst agricultural co-operative societies the peat-moss co-operative societies deserve mention. In a country rich in peat bogs, where the main livelihood is cattlefarming, they are of great importance. There are at present a couple of hundred of these societies in Finland.

Amongst the central concerns of the agricultural co-operative societies the Hankkija Central Agricultural Supply Co-operative Society, founded in 1905, should also be mentioned. It deals in agricultural and dairy requisites, in machinery for dairies, sawmills, flourmills, as well as in electric machinery. For seed improvement Hankkija possesses great experimental fields with research laboratories. The members are mostly co-operative stores, dairies and credit institutions. Their number in 1923 was 1,265 and the sales amounted to 144 million marks. The concern has 6 million marks of funds of its own.

The co-operative societies of the Swedish speaking districts have founded their own central co-operative association, Centrallaget Labor, for trade in agricultural requisites. Their sales in 1921 amounted to 105 million marks.

The timber co-operative societies have a good field in Finland with its abundant forests. It is only recently that such a type of co-operative society was founded, and the lack of necessary capital renders it difficult to start them. There are only seven of these, but they have none the less their own central concern, the Central Organisation of Co-operative Forestry Societies. There are 452 co-operative societies and other associations, as well as 8,048 private persons among the members of the concern. The paid-in capital amounts to 9.5 million marks and the annual sales to 40 millions. The central timber concern owns lumber yards in the most im portant timber export harbours of Finland.

SUMMARY.

The above general information concerning the present position of Finland's agricultural cooperation shows that it has gained a firm foothold in many different branches. It is true that the absolute figures do not stand comparison with corresponding figures for other European countries. But, considering the scattered and scanty population of the country, the short time that Finland has been influenced by the cooperative movement and the difficult conditions obtaining during the war, these figures, nevertheless, indicate a tremendous development. Agricultural co-operative activity has within a couple of decades created the necessary organisations, developed working methods suitable to the conditions peculiar to this country, and by these means promoted the economic improvement, professional skill and national civilization of the agricultural population of Finland.

THE NEW TARIFFS OF THE FINNISH STATE RAILWAYS.

BY

BR. SUVIRANTA D. PH.

HEAD OF THE TABIFF OFFICE OF THE FINNISH STATE BAILWAYS.

New tariffs to come into force on January 1st, 1925, have been sanctioned for the State Railways. The present tariffs are from the year 1920, when the rate units for both passenger and goods tariffs were raised, on an average, in the case of passenger rates to about 500 per cent, and in the case of goods traffic to about 600 per cent above the pre-war rates.

THE PRESENT TARIFFS.

The present tariffs have undoubtedly been too low. If it be taken into account that the general level of prices has risen to about eleven times the pre-war level, it will be seen that railway tariffs in Finland have actually been about 40 per cent cheaper than before the war.

It might be thought that so large a reduction, effected during a comparatively short period, would have had a destructive effect on the internal economy of the State Railways. Such has, however, not been the case. During each of the past years profits¹) were made on traffic in 1920 — 73 million marks; in 1921 — 43 million marks; 1922 — 104 million marks; in 1923 — 126 million marks. Even though these results, when calculated in gold marks, are not as favourable as those obtained before the war, they are still to be regarded as satisfactory, if the exceptional circumstances prevailing after the great war are taken into account, when the railways of many other countries have had to struggle against economic difficulties.

The fact that in spite of low tariffs even such favourable results have been obtained is in part due to the circumstance that railway expenses have not risen in the same proportion as prices in general, chiefly, however, to the fact that since the country achieved its independence economic life has undergone a powerful development in Finland, whereby railway traffic has increased, so that it is now considerably livelier than before the war, as will be seen from the following figures which show the burden of traffic of the State Railways:

	Million passsenger- kilometres.	Mill. ton- kilometres.
1913	704	605
1920	775	932
1921	683	835
1922	911	1,135
1923	1,024	1,351

THE NEW TARIFFS.

The newly-sanctioned tariffs which come into force at the beginning of next year denote an increase on the present rates. The increase was

1) Only receipts and expenditure relating to traffic have been included here, not, therefore, interest and amortisation of capital etc.

made necessary by the fact that while the growth in traffic ceased during the current year, the expenses of the railways have considerably increased as compared with their former amount, which again was partly due to the fact that old stocks of railway necessaries purchased while these were cheap have run out and partly to the increase in salaries and wages of the personnel. The final result of all this has been that profits made on traffic have not risen this year to their last year's level and might have been still less next year, unless the railways could be provided with additional receipts.

The new tariffs show an increase in passenger rates averaging close on 30 per cent and in goods rates of about 5 per cent. The latter have been only slightly increased as it was considered that the present uncertain economic situation demanded caution in the raising of goods tariffs, while no doubt need be felt regarding an increase in passenger rates. It was also taken into account that up to the present passenger rates have undergone a smaller increase than goods rates. The nature of the alterations in goods and passenger tariffs is dealt with below.

PASSENGER TARIFFS.

The unit for Third Class single tickets is at present 21.6 penni, but according to the length of journey allowances have been made for distances commencing from 50 kilometres on a scale running to 500 kilometres, the price for journeys exceeding the latter distance being 16.2 penni per unit. In the new tariff the rate for the first 50 kilometres is 28 penni, and afterwards 27 penni, but for longer distances a scale of allowances increasing by degrees up to 800 kilometres is applied. For journeys exceeding that distance the charge is 16.2 penni, or the same as in the present tariff. The rates for coupon tickets have been increased almost on the same scale as single tickets, season tickets slightly less. A Second Class ticket is as hitherto 50 per cent, and a First Class 200 per cent higher than a Third Class ticket.

The new charges for sleeping berths will be 25 marks in the Third Class, 50 marks in the Second and 100 marks in the First Class; up to

the present they have been, respectively, 20-35 -70 marks. Charges for passengers' luggage remain unchanged.

GOODS TARIFFS.

The rate units for goods remain unaltered. The rises affect only fixed additional charges that are levied irrespectively of distance, i. e., the so-called station-fees. Up to the present station-fees have in every case been 1.0 penni per 100 kilo's. According to the new tar iff this charge will vary in the future between 25 penni and 4 marks per 100 kilo's, depending on the nature of the goods and the size of the consignment. The object of this change is to distribute the increase in charges in such manner that they will effect chiefly such traffic as can well bear the increase and traffic that is expensive for the railways themselves. The increase will thus be comparatively greater in the higher classes than in the low, and similarly so in the case of short distances as compared with longer distances and small consignments as compared with large. A further step in the same direction has been attempted by increasing the discount rates for long distances and the discount for quantity granted in the case of large consignments to an extent that renders the freight in certain cases even cheaper than it has been hitherto.

THE PRESENT TARIFF LEVEL.

In conclusion it may be mentioned that transport rates on the Finnish State Railways, which up to the present have been particularly low, will still be cheap both in the case of passenger and that of goods tariffs, if they are compared with the corresponding rates in other countries; for the sake of comparison certain figures relating to the price of season tickets may be given.

COST OF ANNUAL SEASON TICKETS FOR DISTAINCES UN-DER 10 KILOMETRES.

England, Great Western Railway	1,834	marks.
Sweden	1,12 O	,,
Norway	87 6	,,
Denmark	81 9	,,
Finland, ordinary Season tickets	52 5	,,
,, , Workmen's ,, ,,	26 3	"

ITEMS.

The Diet. The Autumn Session of the Diet, which began on October 1st, ended on December 20th. The decisions made by the Diet during the present Session, in so far as they affect economic questions, will be dealt with separately in a coming number. The Spring Session of the Diet will begin on February 1st.

Finnish State Bonds and French Investors. The Finnish Government has given notice of its willingness to repurchase bonds of the Finnish State Loans of 1898, 1901 and 1903, held for the most part in France and made out alternatively in Finnish marks, francs, crowns and Reichsmarks. This offer by the Government is the outcome of protracted negotiations based on different projects for either the redemption or exchange of the said bonds, the negotiating parties being the Government and a special committee set up by the "Association des porteurs français de valeurs mobilières", a French body formed for protecting the interests of French holders of foreign bonds. In the beginning of December the Association informed the Finnish Government that the conditions approved by the Government were such as could be regarded as ensuring due compensation to holders of these bonds. Both the said association and the French banks through which bonds are floated have declared themselves willing to recommend the proposed method of redemption to holders of the bonds in question. The repurchase of these bonds on conditions satisfactory to their owners smooths over the friction which arose in connection with the socalled Bond Law that came into force in Finland in 1921, which stipulates that bonds and the coupons attached thereto shall, if made out in both Finnish and other currencies, when held by a foreigner, be redeemed at the option of the bondholders either in Finnish currency or that of the country named in the bond in which the bond was held at the end of 1914. Bonds of the denomination of 500 francs, bearing interest partly at 3 per cent and partly at $3\frac{1}{2}$ per cent are to be redeemed at 26 and 30 dollars

respectively before the 15th of March next providing the total nominal value of bonds presented for redemption in France reaches at the least 30 millions out of a total amount of about 60 million frances of these bonds held in France. Should the holder of 40 bonds so prefer, he will be given, in lieu of cash payment, a Finnish State Bond of 1,000 dollars nominal value together with a supplementary payment of respectively 200 and 360 dollars.

Traffic between Finland and Sweden. Next year a regular steamship service will be maintained between Finland and Sweden on five days of the week in each direction. During the period 1 Jan.—1 May and 15 Oct. —31 Dec. traffic will be confined to the Åbo— Stockholm route, but from 1 May to 15 Oct. three weekly services have been alloted to the route mentioned and two to the route Helsingfors—Stockholm. The Åbo—Stockholm service, of which 2/3 is kept up by Finnish steamship companies and 1/3 by Swedish companies, receives a yearly subsidy from the Finnish Government of 1.7 million marks.

New Trade Publication in the English Language. The Central Chamber of Commerce, the Export Association of Finland, the Central League of the Finnish Timber Refining Industries, the Central League of Agricultural Producers and the Central League of Import Industries in Finland will together publish from the beginning of next year a new trade periodical entitled "Finnish Trade". This periodical will be published monthly in the English language and is to contain, in addition to notices from the various associations, market reviews and articles on other questions of the day. In consequence of the publication of this new periodical, the publications hitherto issued in the English language by the Central Chamber of Commerce and the Export Association of Finland will be discontinued.

Subscribers will receive with each number the current issue of the "Bank of Finland Monthly Bulletin" as a supplement.



BANK OF FINLAND MONTHLY **BULLETIN**

is sent free of charge to anyone wishing to receive it. Finnish booksellers are, however, allowed to sell it at a price of 2 marks per copy. Back numbers and reprints of some articles are also willingly supplied. Correspondence with regard to the Bulletin should be addressed to the Bank of Finland, Statistical Department, Helsingfors, Finland.

. . ł