

BANK OF FINLAND

MONTHLY BULLETIN

No 7

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1922

FINNISH MARKET REVIEW.

THE MONEY MARKET.

The gradual improvement in the state of the money market, which began in June, continued further in July. Especially is this to be seen from the figures showing the position of the commercial banks. The figures for long-term deposits give certainly a decrease of 16.6 million marks, but as, on the other hand, deposits on current accounts increased by 84.6 million marks, the total home deposits improved by 18.0 million marks. The addition would have been greater had not Government deposits decreased by about 6 million marks.

A further sign of improvement is the fact that the loans granted by the commercial banks, which hitherto have increased steadily since February, decreased by 35.7 million marks in July. Bills decreased only moderately, the greater part of the decrease falling to the share of loans and overdrafts.

The position of the commercial banks with regards to other countries improved also. Debts to other countries remained, it is true, pretty much the same, but on the credit side a considerable increase is discernible, with the result that the net debt was 32.0 million marks smaller than it had been at the close of the preceding month.

The number of bills protested grew slightly, viz, from 345 in June to 358 in July, a sign that the policy of the banks regarding the credit granted by them continues to be cautious. The

procedure is doubtlessly justified, as an improvement in the money market in the summer is a regularly recurring periodic phenomenon, and as such cannot wholly be regarded as a sign of permanent improvement. And in addition, the banks have now to prepare for another annual occurrence, the decline in deposits which is an invariable feature of the harvest season.

On the Helsingfors Stock Exchange, the turnover for the month was 3.9 million marks, a result below that for any month since the war. The tendency of the market is now, however, firmer, the index showing the Exchange value of the more important shares rising from 141 to 144.

The afore-described improvement in the state of the money market is apparent also in the figures showing the position of the Bank of Finland. Credit balances on foreign correspondents increased during July from 79.9 million marks of 97.5 million marks, or by 17.6 million marks. Inland bills decreased by 28.7 million marks. Government bills also decreased by 10 million marks. The note issue went down by 32.7 million marks to 1340.4 million marks. The minimum note issue for the current year was reached on July 22nd, the amount being then 1320.9 million marks. In this connection attention may be drawn to the fact that the note issue has without exception been lower throughout the year than the corresponding issue last year.

The exchange rates for foreign currency were slightly higher than in June, when the lowest quotations for the whole year occurred. But on

the other hand, the inevitable fluctuations in the rates were extremely small. This stabilization of the value of the Finnish mark is in great measure probably due to the favourable trade balance.

THE BUSINESS MARKET.

Record figures were achieved for foreign trade in July. The value of exports was 623.0 million marks, which is the highest amount ever reached in export for any single month during the whole of the period following on the war. As imports were only 319.8 million marks, the excess of exports was 303.2 million marks, also a figure never attained earlier. An outcome of the great excess of export in July was that the trade balance for the whole year even was at the close of July in our favour to the extent of 195.4 million marks.

This favourable result was due chiefly to the fact that imports were particularly low, not only compared with the preceding months, but also with normal times. In volume, exports reached 98.9 % of the corresponding amount for July of 1913, imports covering only 67.2 % of the volume of import for the same month. The smallness of import in July was greatly influenced by the decrease in the import of foodstuffs. For instance, grain and cereal foods were imported to the value of 82.7 million marks in June, while the corresponding figures for July are only 42.5 million marks.

Of exports, the greatest part fell in July, as also in the preceding month, to the share of timber. The shipments of sawn timber reached 182,900 standards in July. From the beginning of the year to the end of July they totalled 372,200 standards. The export of paper and chemical

pulp declined somewhat, but that of mechanical pulp increased considerably. Butter was exported during July to an amount of 1.1 million kilos, which is again the maximum amount for any single month after the war. The export of butter was directed chiefly to England, but most of the other European countries were also represented among the buyers.

The condition of the timber market is extremely favourable from the point of view of the Finnish exporters. Of the year's output, about 475—500,000 standards have been sold. The remainder, about 100,000 standards, can obviously easily be placed. Prices have tended to rise slightly. Thus, e. g., in the case of 7" battens, £ 16—£ 17 per standard has been obtained. The demand for paper and chemical pulp has been satisfactory, though prices continue to be fairly low, while in the demand for mechanical pulp a considerable increase is discernible.

The outlook for the harvest further improved during July. Hay was reaped under less favourable weather conditions, but the amount obtained was exceptionally large. It is extremely probable that hay will be available for export also.

THE LABOUR MARKET.

Labour conditions were disturbed during May—June by comparatively numerous strikes. July, on the contrary, saw practically the end of these disturbances. In the majority of cases, the strikes ended in a return to work at the former tariffs. Unemployment is also about non-existent. On the contrary, in most branches of trade, the demand for labour is greater than the supply. Conditions in the labour market are thus for the present as good as can be hoped for.

STATISTICS.

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

	1921	1 9 2 2			
	Mill. Fmk	Mill. Fmk			
	31/12	22/7	31/7	8/8	15/8
ASSETS.					
I. Gold Reserve	42.6	42.6	42.6	42.6	42.6
Foreign Correspondents	215.7	99.7	97.5	113.2	87.9
II. Finnish Silver Coin	0.5	0.5	0.5	0.5	0.5
Bonds in Foreign Currency	9.3	8.3	8.3	8.3	8.3
Foreign Bank Notes and Coupons	0.8	0.9	1.0	1.1	1.2
» Bills	8.4	22.4	23.9	23.4	23.4
Finnish State Bonds in Finnish Currency	525.5	518.6	518.6	517.9	517.9
» Treasury Bills	303.9	191.7	181.7	181.7	181.7
Inland Bills	627.5	725.1	726.3	744.1	730.9
III. Loans on Security	28.4	50.8	50.8	53.8	53.8
Advances on Current Accounts	1.2	4.1	0.7	0.3	0.4
Bank Premises and Furniture	6.0	6.2	6.2	6.2	6.2
Sundry Assets	50.5	74.0	73.8	64.0	65.9
Total	1 820.2	1 744.9	1 731.9	1 757.1	1 720.7
LIABILITIES.					
Liabilities payable on demand:					
Notes in circulation	1 356.1	1 320.9	1 340.4	1 337.6	1 321.1
Drafts outstanding	2.8	2.0	2.7	3.3	2.2
Balance of Current Accounts due to Government	128.6	45.9	22.0	24.6	16.4
» » » » » Others	57.9	77.5	69.3	92.7	84.2
Foreign Correspondents	12.6	15.8	15.9	15.0	15.1
Sundry Accounts	36.2	9.5	8.2	7.3	4.5
Earnings less Expenses	—	57.8	57.9	61.1	61.7
Capital	100.0	100.0	100.0	100.0	100.0
Reserve Fund	50.0	50.0	50.0	50.0	50.0
Bank Premises and Furniture	6.0	6.0	6.0	6.0	6.0
Profits at disposal	70.0	59.5	59.5	59.5	59.5
Total	1 820.2	1 744.9	1 731.9	1 757.1	1 720.7

2. — NOTE ISSUE OF THE BANK OF FINLAND.

	1921	1 9 2 2			
	31/12	22/7	31/7	8/8	15/8
RIGHT TO ISSUE NOTES:					
Gold Reserve and Foreign Correspondents	258.3	142.3	140.1	155.8	130.5
Additional Right of Issue	1 500.0	1 500.0	1 500.0	1 500.0	1 500.0
Total	1 758.3	1 642.3	1 640.1	1 655.8	1 630.5
Less Insufficient Supplementary Cover ²⁾	24.2	32.5	39.7	23.0	36.1
Right to Issue Notes	1 734.1	1 609.8	1 600.4	1 632.8	1 594.4
USED AMOUNT OF ISSUE:					
Notes in circulation	1 356.1	1 320.9	1 340.4	1 337.6	1 321.1
Other Liabilities payable on demand	238.1	150.7	118.1	142.9	122.4
Undrawn Amount of Advances on Current Accounts	0.5	1.6	4.9	5.3	5.3
Total	1 594.7	1 473.2	1 463.4	1 485.8	1 448.8
NOTE RESERVE	139.4	136.6	137.0	147.0	145.6
Total	1 734.1	1 609.8	1 600.4	1 632.8	1 594.4

¹⁾ Made up in accordance with the regulations regarding the Bank's note issue, contained in the Law of Dec. 30, 1921.

²⁾ Difference between 1 500 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.

3. — CLEARING.

Month	Bank-Post-Bills		Cheques		Total				Month
	Number	Amount Mill. Fmk	Number	Amount Mill. Fmk	1922		1921		
					Number	Amount Mill. Fmk	Number	Amount Mill. Fmk	
January	31 148	306.1	6 501	332.4	37 649	638.5	31 239	547.8	January
February	29 146	283.5	5 626	403.1	34 772	686.6	26 983	479.7	February
March	35 217	355.7	6 977	372.8	42 194	728.3	29 037	526.0	March
April	33 834	340.2	6 467	386.2	40 301	726.4	33 737	595.1	April
May	36 445	344.8	7 469	455.2	43 914	800.0	35 610	595.8	May
June	34 172	336.7	7 027	444.0	41 199	780.7	33 407	760.6	June
July	35 778	336.8	6 800	403.2	42 578	740.0	34 711	737.0	July
August							33 683	724.3	August
Septemb.							35 235	833.3	Septemb.
October							39 487	872.0	October
Novemb.							39 094	810.5	Novemb.
Decemb.							40 506	752.0	Decemb.
Total Jan.-July	235 740	2 303.8	46 867	2 796.7	282 607	5 100.5	412 729	8 234.2	Total Jan.-July
							224 724	4 241.8	

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

Month	London	Paris	Brussels	Berlin	Amster- dam	Basle	Stock- holm	Chris- tiania	Copen- hagen	New York	Reval	Month
Par. 1921	25: 22	100: —	100: —	123: 46	208: 32	100: —	138: 89	138: 89	138: 89	5: 18	100: —	Par. 1921
July	221: 43	476: 62	468: 19	80: 05	1 941: 15	1 016: 81	1 283: 92	817: 96	966: 46	60: 88	—	July
Aug.	242: 68	515: 67	501: —	79: 61	2 064: —	1 129: 52	1 403: 33	866: 74	1 072: —	66: 58	—	Aug.
Sept.	263: 37	518: 58	510: 50	69: 65	2 243: 46	1 226: 08	1 538: 46	912: 73	1 249: 77	70: 80	—	Sept.
Oct.	251: 68	471: 68	465: —	46: 64	2 169: 16	1 197: 92	1 496: 12	817: 16	1 230: 64	65: 46	—	Oct.
Nov.	211: 71	383: 54	370: 23	21: 62	1 861: 58	1 009: 96	1 236: 92	751: 23	985: 58	53: 57	—	Nov.
Dec.	218: 92	410: 04	394: 80	28: 07	1 917: 80	1 030: 88	1 291: 40	801: 64	1 027: 40	52: 94	—	Dec.
1922												1922
Jan.	223: 78	431: 70	414: 96	28: 09	1 947: 35	1 035: 78	1 321: 96	831: 70	1 059: 35	53: 10	—	Jan.
Febr.	216: 84	432: 25	412: 50	24: 25	1 870: 67	979: 71	1 297: 92	826: 17	1 025: 25	49: 90	14: 49	Febr.
March	210: 94	433: 73	406: 92	17: 68	1 825: 23	941: 50	1 260: 38	848: 58	1 016: 92	48: 29	14: 14	March
April	229: 27	478: 55	442: 41	18: 13	1 971: 68	1 016: 91	1 352: 50	964: 41	1 102: 50	52: 10	15: 36	April
May	212: 74	436: —	399: 96	16: 59	1 848: 60	924: 96	1 232: 80	883: 44	1 023: 88	47: 89	14: 54	May
June	205: 46	405: 83	380: 46	14: 99	1 788: 17	883: 63	1 191: 67	791: 88	1 001: 17	46: 21	14: 04	June
July	208: 75	386: 88	367: 15	10: 04	1 820: 19	902: 35	1 218: 27	783: —	1 011: 42	47: 06	14: —	July

5. — HOME DEPOSITS IN THE FINNISH COMMERCIAL BANKS.

End of Month	Current Accounts Mill. Fmk			Deposits Mill. Fmk			Total Mill. Fmk				End of Month
	1913	1921	1922	1913	1921	1922	1913	1921	1922	Month's Move- ment	
January	57.9	919.8	977.7	595.9	2 762.7	2 873.7	653.8	3 682.3	3 851.4	+ 63.1	January
February	54.8	926.0	961.3	599.8	2 763.2	2 898.7	654.4	3 689.2	3 859.9	+ 8.5	February
March	56.8	987.2	1 028.1	603.2	2 783.8	2 910.9	660.1	3 771.0	3 939.0	+ 79.1	March
April	54.3	1 004.7	1 020.9	603.2	2 802.3	2 936.8	657.8	3 807.0	3 957.5	+ 18.5	April
May	55.8	1 027.5	990.8	601.6	2 808.7	2 932.3	657.4	3 836.2	3 923.1	— 34.4	May
June	55.8	1 005.7	1 008.3	609.7	2 906.9	3 001.4	665.3	3 912.8	4 009.7	+ 86.6	June
July	55.7	1 017.8	1 042.9	613.2	2 916.3	2 984.8	669.0	3 934.1	4 027.7	+ 18.0	July
August	57.7	971.0		615.8	2 890.4		673.5	3 861.4			August
Septemb.	57.9	957.4		612.8	2 863.2		670.7	3 820.8			Septemb.
October	59.7	991.1		611.7	2 835.2		671.4	3 826.3			October
Novemb.	58.1	951.7		605.3	2 797.9		663.4	3 749.8			Novemb.
Decemb.	54.6	944.3		619.2	2 844.0		673.8	3 788.3			Decemb.

According to Finland's Official Statistics VII. D. Bank Statistics.

6. — HOME LOANS GRANTED BY THE FINNISH COMMERCIAL BANKS.

End of Month	Inland Bills Mill. Fmk			Loans and Overdrafts Mill. Fmk			Total Mill. Fmk			Month's Move- ment	End of Month
	1913	1921	1922	1913	1921	1922	1913	1921	1922		
Jan.	290.2	1 494.1	1 570.1	459.8	4 115.8	4 298.7	750.0	5 609.9	5 868.8	— 104.1	Jan.
Febr.	292.1	1 440.3	1 568.0	465.4	4 193.3	4 372.8	757.5	5 633.8	5 940.8	+ 72.0	Febr.
March	294.7	1 425.8	1 584.1	467.2	4 215.5	4 404.5	761.9	5 641.3	5 988.6	+ 47.8	March
April	298.1	1 480.7	1 733.3	472.8	4 304.6	4 317.8	770.9	5 785.3	6 051.1	+ 62.5	April
May	301.4	1 568.9	1 834.2	478.5	4 351.6	4 266.5	779.9	5 920.5	6 100.7	+ 49.6	May
June	297.1	1 610.5	1 847.3	474.9	4 415.8	4 290.2	772.0	6 026.3	6 137.5	+ 36.8	June
July	289.0	1 632.2	1 833.6	470.1	4 477.3	4 268.2	759.1	6 109.5	6 101.8	— 35.7	July
Aug.	281.3	1 706.1		472.3	4 539.7		753.6	6 245.8			Aug.
Sept.	278.4	1 760.1		470.5	4 499.2		748.9	6 259.3			Sept.
Oct.	278.1	1 734.2		477.7	4 502.1		755.8	6 236.3			Oct.
Nov.	275.9	1 670.9		473.4	4 421.5		749.3	6 092.4			Nov.
Dec.	274.1	1 584.3		469.3	4 388.6		743.4	5 972.8			Dec.

According to Finland's Official Statistics VII. D. Bank Statistics.

7. — POSITION OF THE FINNISH COMMERCIAL BANKS WITH REGARD TO FOREIGN COUNTRIES.

End of Month	Credits Mill. Fmk			Debts Mill. Fmk			Net Debt Mill. Fmk			Month's Movement	End of Month
	1920	1921	1922	1920	1921	1922	1920	1921	1922		
January	157.3	43.1	96.8	572.0	823.8	944.8	414.7	780.5	848.0	— 59.8	January
February	114.1	49.4	116.2	549.4	678.8	936.4	435.3	629.4	820.2	— 27.8	February
March	77.3	56.3	86.7	548.6	738.8	947.6	471.3	681.9	860.9	+ 40.7	March
April	83.2	88.9	103.5	547.1	880.7	1 034.6	463.9	791.8	931.1	+ 70.2	April
May	88.5	73.5	84.7	578.9	987.0	1 036.3	490.4	913.5	951.6	+ 20.5	May
June	101.1	114.7	81.8	612.2	1 094.4	999.9	511.1	979.7	918.1	— 33.5	June
July	88.2	131.1	115.1	640.2	1 164.8	1 001.2	552.0	1 033.7	886.1	— 32.0	July
August	90.4	132.2		657.1	1 236.7		566.7	1 104.5			August
September	119.2	139.2		689.2	1 191.8		570.0	1 052.4			September
October	168.4	128.2		717.1	1 127.4		548.7	999.2			October
November	70.9	84.0		796.3	1 039.1		725.4	955.1			November
December	54.8	86.8		795.9	994.6		741.3	907.8			December

According to Finland's Official Statistics VII. D. Bank Statistics.

8. — BANKRUPTCIES AND BILLS PROTESTED.

Month	Bankruptcies			Bills Protested								Month
	Number			Number				Amount Fmk				
	1913	1921	1922	1913	1920	1921	1922	1913	1920	1921	1922	
January	67	32	39	959	264	392	422	2 776 572	1 887 187	3 256 407	4 868 271	January
February	62	40	33	762	197	299	398	2 058 523	737 476	3 991 840	2 655 837	February
March	62	42	37*	957	225	385	364	1 116 242	1 091 773	4 226 417	2 482 270	March
April	75	35	33*	881	230	266	313	1 182 381	35 148 644	2 998 643	2 772 569	April
May	70	31	32*	861	201	267	370	987 084	1 444 857	4 036 483	3 611 654	May
June	53	24	27*	807	229	279	345	803 449	2 571 764	2 220 208	2 753 271	June
July	51	25		820	272	239	358*	826 565	2 190 292	2 306 286	2 106 507*	July
August	62	13		799	209	222		1 009 717	1 052 384	4 372 719		August
September	62	22		838	197	290		1 046 329	1 337 312	4 348 018		September
October	66	26		888	195	379		830 339	2 586 333	4 434 386		October
November	69	45		762	236	487		627 718	1 824 859	7 675 952		November
December	63	24		942	397	468		1 035 126	3 888 112	5 244 829		December
Total	762	359		10 276	2 852	3 973		14 300 045	55 760 993	49 112 188		Total
Jan.-July	440	229		6 047	1 618	2 127	2570*	9 750 816	45 071 993	23 036 284	21 250 409*	Jan.-July

The bankruptcy reports for 1913 and 1920 give the number of bankruptcy proceedings during the respective months, in which the first notice calling together the creditors has been published in the Official Gazette. Those for 1922 have been sent in to the Central Statistical Office by the various Courts and refer to the number of bankruptcy petitions for the respective months which will lead in due course to actual bankruptcy.

Bills protested according to figures published in the Report of Bills Protested in Finland.

* Preliminary figures subject to minor alterations.

9. — TURNOVER OF HELSINGFORS STOCK EXCHANGE.

Month	Shares Mill. Fmk			Bonds Mill. Fmk	Total Mill. Fmk			Month
	Banks	Industries	Miscellaneous		1922	1921	1920	
January	8.6	2.1	0.6	0.8	12.1	33.5	131.3	January
February	8.8	2.4	0.6	1.3	13.1	26.7	77.4	February
March	6.3	3.0	0.7	0.5	10.5	26.3	106.3	March
April	5.0	2.4	0.7	2.7	10.8	16.2	47.7	April
May	8.3	3.0	1.0	5.0	17.3	13.6	21.7	May
June	3.7	1.5	0.4	0.8	6.4	9.8	31.7	June
July	2.1	0.9	0.4	0.5	3.9	7.8	45.5	July
August						11.3	56.6	August
September						18.4	64.1	September
October						29.2	39.4	October
November						15.6	32.2	November
December						9.3	31.9	December
Total								Total
Jan.-July	42.8	15.3	4.4	11.6	74.1	133.6	462.0	Jan.-July

According to figures given by the Stock Exchange Committee.

10. — STOCK EXCHANGE INDEX.

Average Quotations for a few of the Leading Stocks and Shares at the Helsingfors Stock Exchange													
Year	Jan.	Febr.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1919	300	296	289	267	267	274	276	286	288	290	286	300	1919
1920	322	327	331	305	284	288	303	315	296	248	213	196	1920.
1921	214	192	175	167	165	175	169	169	167	160	154	147	1921
1922	152	160	160	150	143	141	144						1922

According to figures published in the »Mercator».

In calculating the above index-figures 16, since Jan. 1922 15, investments have been taken into account, of which 6 bank shares, 8 industrial ditto and 2 others. The value of the total number of each of the included shares sold during the month has been divided by the number of shares sold, by means of which an average rate for each was obtained. These average rates were then calculated in percentages of the nominal value of the shares and added together, the total thus obtained being divided by the number of shares included in the index.

11. — PUBLIC DEBT OF FINLAND.

End of Month	Foreign Mill. Fmk			Internal Mill. Fmk			Total Mill. Fmk			Month's Move- ment	End of Month	
	Funded	Floating	Total	Funded	Floating	Total	Funded	Floating	Total			
1921												1921
January	304.1	136.4	440.5	923.9	584.8	1 508.7	1 228.0	721.2	1 949.2	+ 13.1	January	
February	526.6	136.5	663.1	931.3	549.0	1 480.3	1 457.9	685.5	2 143.4	+ 194.2	February	
March	540.7	136.5	677.2	932.3	534.0	1 466.3	1 473.0	670.5	2 143.5	+ 0.1	March	
April	543.4	136.5	679.9	934.0	516.7	1 450.7	1 477.4	653.2	2 130.6	— 12.9	April	
May	545.1	136.5	681.6	934.6	459.9	1 394.5	1 479.7	596.4	2 076.1	— 54.5	May	
June	547.3	136.5	683.8	953.3	422.3	1 375.6	1 500.6	558.8	2 059.4	— 16.7	June	
July	548.8	149.2	698.0	955.0	363.3	1 318.3	1 503.8	512.5	2 016.3	— 43.1	July	
August	553.1	149.2	702.3	954.9	334.2	1 289.1	1 508.0	483.4	1 991.4	— 24.9	August	
Septemb.	552.7	149.2	701.9	954.9	294.4	1 249.3	1 507.6	443.6	1 951.2	— 40.2	Septemb.	
October	536.3	149.2	685.5	955.2	294.2	1 249.4	1 491.5	443.4	1 934.9	— 16.3	October	
Novemb.	536.0	149.2	685.2	955.8	295.0	1 250.8	1 491.8	444.2	1 936.0	+ 1.1	Novemb.	
Decemb.	535.5	156.1	691.6	955.9	286.3	1 242.2	1 491.4	442.4	1 933.8	— 2.2	Decemb.	
1922												1922
January	535.5	156.1	691.6	955.9	267.8	1 223.7	1 491.4	423.9	1 915.3	— 18.5	January	
February	535.5	156.1	691.6	955.9	249.3	1 205.2	1 491.4	405.4	1 896.8	— 18.5	February	
March	535.3	156.1	691.4	956.4	248.6	1 205.0	1 491.7	404.7	1 896.4	— 0.4	March	
April	535.3	156.1	691.4	956.5	243.3	1 199.8	1 491.8	399.4	1 891.2	— 5.2	April	
May	535.3	156.1	691.4	956.6	219.2	1 175.8	1 491.9	375.3	1 867.2	— 24.0	May	
June	534.8	156.1	690.9	956.6	194.9	1 151.5	1 491.4	351.0	1 842.4	— 24.8	June	
July	534.5	156.1	690.6	955.5	190.0	1 145.5	1 490.0	346.1	1 836.1	— 6.3	July	

The above table is based on the monthly report on the Public Debt published by the Treasury in the Official Gazette. Internal loans are given at their nominal value. Foreign loans are given in Finnish currency according to the rate prevailing 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.

12. — MISCELLANEOUS STATE RECEIPTS COLLECTED BY CUSTOMS.

(000' omitted.)

Month	Import Customs and Storage Charges	Export Customs	Export Charges	Clearing Charges	Light Dues	Excise on Tobacco	Excise on Matches	Month
1922								1922
January	29 360	756	471	47	288	6 269	381	January
February	25 895	569	277	22	138	8 911	2 490	February
March	41 805	1 140	584	49	305	8 893	1 453	March
April	67 434	1 556	831	65	443	10 485	1 166	April
May	78 198	2 385	1 680	234	2 231	10 801	966	May
June	78 902	3 935	3 633	392	3 026	11 063	928	June
July	55 738	4 145	3 986	385	2 789	11 249	1 281	July
August								August
September								September
October								October
November								November
December								December
Jan.-July 1922	377 332	14 486	11 462	1 194	9 220	67 671	8 665	Jan.-July 1922
» 1921	283 959	9 659	28 078	717	2 636	70 946	—	» 1921
» 1920	153 375	17 604	27 798	988	2 865	85 867	—	» 1920
» 1919	92 123	4 850	—	276	947	—	—	» 1919
According to the Budget 1922	531 000	20 000	10 000	2 000	7 500	120 000	15 000	According to the Budget 1922

Tables 12—21 according to Finnish Official Statistics I. A., Foreign Trade of Finland, Monthly Reports.

13. — VALUE OF FINLAND'S IMPORTS AND EXPORTS.

Month	Imports (C. I. F. Value) Mill. Fmk			Exports (F. O. B. Value) Mill. Fmk			Surplus of Imports (—) or Exports (+) Mill. Fmk			Month
	1913	1921 ¹⁾	1922	1913	1921 ¹⁾	1922	1913	1921	1922	
January	29.9	194.7	146.1*	13.0	95.4	146.5*	— 16.9	— 99.3	+ 0.4*	January
February	26.6	271.1	116.6*	14.2	64.2	116.3*	— 12.4	— 206.9	— 0.3*	February
March	30.0	170.3	225.7*	13.6	58.5	200.0*	— 16.4	— 111.3	— 25.7*	March
April	32.3	297.0	322.3*	17.3	111.2	255.9*	— 15.0	— 185.3	— 66.4*	April
May	52.6	340.3	456.4*	36.6	138.9	333.3*	— 16.0	— 201.4	— 123.1*	May
June	43.0	332.4	425.9*	49.1	247.5	533.2*	+ 6.1	— 84.9	+ 107.3*	June
July	43.5	293.3	319.3*	56.6	338.3	623.0*	+ 13.1	+ 45.0	+ 303.3*	July
August	40.3	349.7		52.1	393.7		+ 11.3	+ 44.0		August
September	51.8	377.5		50.3	546.1		— 1.5	+ 168.3		September
October	61.4	366.5		42.9	562.3		— 18.5	+ 195.3		October
November	48.4	285.6		32.3	515.4		— 16.1	+ 229.3		November
December	35.6	304.2*		26.8	314.2		— 8.8	+ 10.0*		December
Total	495.4	3 582.6*		404.8	3 385.7*		— 90.6	— 196.9*		Total
Jan.-July	257.9	1 899.1	2 012.3*	200.4	1 054.0*	2 208.2*	— 57.5	— 845.1*	+ 195.4*	Jan.-July

The term *import* covers all imported goods which have been let out into the market either immediately after importation or after storage.

Export covers all goods exported from the open market, including re-exports.

Goods are notified to the Customs by their owner, who must thereby state also the value of the goods as calculated at the boundaries of the country. Consequently, imports are given according to their C. I. F. value and exports F. O. B.

¹⁾ The figures for 1921 are adjusted by statements obtained later, of which only those, regarding a portion of sales and purchases of vessels are lacking, which statements always are included later in the commercial statistics.¹⁾

* See note p. 5.

14. — VALUE OF FINLAND'S IMPORTS AND EXPORTS IN DIFFERENT GROUPS OF GOODS.*

No. of Group	Group of Goods	Imports (C. I. F. Value)			Exports (F. O. B. Value)		
		July	January-July		July	January-July	
		1922	1922	1921	1922	1922	1921
		Fmk	Fmk	Fmk	Fmk	Fmk	Fmk
1	Live animals	44 986	86 769	174 526	1 236 350	4 827 815	7 535 751
2	Food obtained from animals	6 499 480	37 449 190	42 424 146	52 893 431	275 623 148	171 614 895
3	Cereals and their products.	42 466 606	359 328 734	362 373 913	437 631	6 784 161	1 557 921
4	Fodder and seed	2 848 925	31 776 648	22 626 599	55 000	5 510 383	1 695 782
5	Fruit, vegetables, live plants, etc.	4 661 719	40 276 989	34 076 949	24 247	980 722	467 970
6	Colonial produce and spices	43 437 491	259 082 957	418 840 394	299 405	1 625 279	2 189 940
7	Preserves, in hermetically sealed packages	67 363	660 021	789 878	204 097	1 078 452	2 480
8	Beverages.....	71 275	3 657 760	1 389 987	100	2 323	150
9	Spinning materials.....	27 489 889	185 197 394	107 349 883	71 618	271 763	9 519
10	Yarns and ropes.....	8 145 189	53 871 627	35 094 045	35 709	435 308	228 941
11	Cloth.....	19 136 360	150 519 543	127 393 267	1 138 984	9 457 980	3 137 105
12	Diverse textile products ..	11 440 793	74 371 851	70 190 335	135 630	2 533 309	382 633
13	Timber and wooden articles	682 937	6 166 872	6 880 197	446 276 426	977 567 455	360 453 826
14	Bark, cane, branches or twigs, and articles made from same	1 779 054	11 242 166	3 286 919	363 926	745 524	329 675
15	Board, cardboard and paper, and articles made from same	754 931	4 071 418	3 349 718	107 379 810	814 390 793	421 870 556
16	Hair, bristles, feathers toge- ther with bones, horn and other carvable goods not separately mentioned, and articles made from same	613 670	5 740 952	6 533 946	545 764	1 341 285	740 522
17	Hides and skins, leather- goods, furs, etc.	9 372 339	80 205 159	42 198 897	1 418 232	33 400 312	20 640 375
18	Metals and metal goods ..	34 742 891	192 806 939	198 338 220	783 178	5 957 799	8 952 310
19	Machinery and apparatus..	14 092 705	101 294 240	163 583 946	981 470	4 750 251	4 635 304
20	Means of transport	4 525 872	34 563 826	34 810 403	400 780	2 438 065	5 456 540
21	Musical instruments, instru- ments, clocks and watches	1 681 725	10 487 320	12 048 519	4 100	9 420	1 300
22	Stones and earths, and ar- ticles made from same ..	13 486 904	58 103 052	33 766 271	1 341 332	7 217 435	5 437 204
23	Asphalt, tar, resins, rub- ber and products made from same	6 627 758	44 581 455	29 621 820	1 371 310	7 154 798	6 007 793
24	Oils, fats and waxes, and products of same	26 200 686	86 544 886	45 931 115	29 983	400 151	785 140
25	Ethers, alcohols not-specifi- cally described, ethereal oils, cosmetics, etc.	372 207	3 223 817	2 475 666	595 107	3 071 217	1 284 356
26	Colours and dyes	4 636 532	30 377 408	21 783 204	105 206	309 274	92 608
27	Explosives, fire-arms and materials, fuses and fire- works	173 604	1 558 858	2 360 481	1 078 570	19 113 834	9 702 962
28	Chemical element and com- binations thereof and drugs.....	19 827 355	62 705 908	28 452 205	209 355	878 906	973 721
29	Fertilizers	11 621 757	60 357 216	20 163 094	—	—	—
30	Literature and works of art, educational materials, of- fice fittings, etc.	1 080 690	10 853 050	9 271 150	381 115	2 837 556	1 521 508
31	Articles not specified else- where	1 271 138	11 662 126	11 607 272	119 910	478 013	1 299 136
	Total	319 851 831	2 012 826 151	1 899 186 965	619 917 776	2 191 192 731	1 038 647 923
	Re-export	—	—	—	3 046 723	17 033 944	15 308 064
	Total	319 851 831	2 012 826 151	1 899 186 965	622 964 499	2 208 226 675	1 053 955 987

* See note p. 5.

15. — IMPORTS OF THE MOST IMPORTANT ARTICLES.

Month	Rye Tons			Rye Flour Tons			Wheat Tons			Month
	1913	1921	1922	1913	1921	1922	1913	1921	1922	
January	903.3	0.3	1 278.7*	7 844.3	—	101.3*	69.7	—	—	January
February	974.5	2 279.6	2 402.7*	8 619.6	473.6	195.4*	12.4	—	19.3*	February
March	1 391.5	1 757.8	7 669.3*	9 524.5	2 810.5	1 299.3*	10.5	—	19.3*	March
April	906.8	5 346.4	5 100.0*	5 218.2	2 387.4	1 576.0*	23.0	10.6	2.2*	April
May	6 902.8	5 108.2	11 494.7*	22 320.0	3 008.3	1 826.8*	51.5	48.3	14.5*	May
June	3 696.8	7 632.1	7 519.3*	16 083.5	1 279.5	155.6*	22.2	48.6	2.4*	June
July	5 981.5	49.9	3 629.8*	14 597.3	714.7	755.3*	0.3	6.9	3.2*	July
August	4 769.3	1 170.6	—	12 149.3	456.3	—	24.3	10.6	—	August
Septemb.	13 264.9	7 632.3	—	28 854.6	308.8	—	30.2	1.1	—	Septemb.
October	16 126.1	6 795.6	—	37 290.8	891.9	—	66.4	14.0	—	October
Novemb.	9 643.9	8 697.4	—	24 991.0	1 073.4	—	28.0	72.9	—	Novemb.
Decemb.	1 043.9	4 905.8	—	8 536.8	2 308.6	—	29.8	57.6	—	Decemb.
Total	65 610.4	51 376.0	—	196 030.3	15 713.0	—	368.3	270.6	—	Total
Jan.-July	20 757.0	22 174.3	39 094.5*	84 207.8	10 674.0	7 910.1*	189.6	114.4	61.9*	Jan.-July

Month	Wheaten Flour and Grain of Wheat Tons			Rice and Grain of Rice Tons			Oats Tons			Month
	1913	1921	1922	1913	1921	1922	1913	1921	1922	
January	8 858.2	24.3	2 582.4*	16.7	0.2	119.2*	579.2	38.5	30.5*	January
February	5 904.9	2 604.8	2 990.0*	53.7	247.1	299.0*	423.3	40.6	10.0*	February
March	5 799.8	2 921.2	4 508.1*	20.9	42.1	774.7*	658.3	87.7	70.5*	March
April	5 950.5	5 952.1	6 020.2*	77.5	3 168.6	810.2*	562.6	342.6	48.7*	April
May	14 905.8	6 188.0	9 046.7*	2 856.5	3 783.6	1 188.5*	796.5	800.7	115.1*	May
June	10 647.2	7 056.2	9 869.8*	1 636.4	2 084.5	2 369.4*	1 053.2	476.0	165.6*	June
July	10 108.0	6 144.3	4 893.3*	2 895.2	1 039.4	1 548.5*	589.3	622.1	159.5*	July
August	6 870.2	5 435.6	—	1 161.2	2 786.7	—	370.8	338.4	—	August
Septemb.	8 862.9	5 402.6	—	1 315.5	1 205.0	—	428.5	391.9	—	Septemb.
October	16 015.3	6 025.7	—	2 060.6	1 231.6	—	799.4	429.0	—	October
Novemb.	15 444.7	3 537.6	—	185.9	247.5	—	754.8	540.4	—	Novemb.
Decemb.	9 034.3	4 087.4	—	136.4	612.0	—	386.9	300.2	—	Decemb.
Total	118 401.8	55 379.7	—	12 416.5	16 448.3	—	7 403.0	4 408.1	—	Total
Jan.-July	62 174.4	30 890.8	39 911.0*	7 556.9	10 365.5	7 109.5*	4 662.6	2 408.2	599.9*	Jan.-July

Month	Coffee Tons			Sugar (Refined and Unrefined) Tons			Raw Tobacco Tons			Month
	1913	1921	1922	1913	1921	1922	1913	1921	1922	
January	623.9	651.4	849.9*	3 659.9	2 641.0	214.6*	326.4	18.0	124.9*	January
February	745.4	1 332.1	739.3*	3 702.2	7 298.4	118.3*	324.3	39.9	137.0*	February
March	510.7	1 398.6	915.6*	3 250.1	0.9	1 080.6*	284.7	75.7	136.0*	March
April	719.4	848.2	1 977.7*	3 777.2	2 697.6	2 531.5*	353.7	90.0	131.6*	April
May	1 812.4	1 561.1	1 534.2*	3 835.0	3 086.4	4 355.4*	297.2	100.1	167.2*	May
June	1 300.0	983.6	1 407.8*	3 502.3	5 993.9	6 551.5*	260.1	124.3	154.5*	June
July	808.8	1 195.5	941.9*	3 031.3	5 504.6	5 046.2*	315.7	120.6	135.6*	July
August	946.5	1 049.2	—	3 740.7	4 418.6	—	320.7	182.3	—	August
Septemb.	1 494.4	1 025.7	—	5 945.3	3 025.3	—	295.4	171.8	—	Septemb.
October	1 899.3	1 139.3	—	5 916.5	4 455.1	—	462.3	144.8	—	October
Novemb.	1 286.6	790.5	—	4 397.4	4 898.4	—	327.3	134.8	—	Novemb.
Decemb.	719.0	684.8	—	2 907.5	10 243.6	—	192.7	101.8	—	Decemb.
Total	12 866.9	12 660.0	—	47 665.4	54 263.8	—	3 760.5	1 304.6	—	Total
Jan.-July	6 520.6	7 970.5	8 366.4*	24 758.0	27 222.3	19 898.1*	2 162.1	569.1	986.8*	Jan.-July

* See note p. 5.

15. — IMPORTS OF THE MOST IMPORTANT ARTICLES. — Continued.

Month	Raw Cotton Tons			Wool Tons			Oileakes Tons			Month
	1913	1921	1922	1913	1921	1922	1913	1921	1922	
January	1 153.1	456.1	188.2*	66.3	34.7	80.6*	536.6	293.0	—	January
February	659.9	481.2	192.5*	80.9	30.4	171.1*	508.5	761.2	302.1*	February
March	668.4	248.3	1 045.8*	79.1	26.7	72.8*	707.2	2 196.9	9.8*	March
April	561.5	699.0	494.2*	86.6	61.9	277.2*	423.3	706.2	151.9*	April
May	998.1	950.8	778.1*	39.5	77.3	236.3*	317.0	211.3	2 171.1*	May
June	541.5	377.8	631.7*	37.1	93.5	190.8*	284.6	974.5	250.5*	June
July	709.4	448.5	506.6*	57.8	98.6	184.2*	421.1	719.1	9.7*	July
August	700.2	837.9	—	61.8	99.4	—	1 274.1	1 273.0	—	August
Septemb.	214.2	339.0	—	118.4	55.1	—	1 940.0	96.2	—	Septemb.
October	557.0	908.6	—	81.8	118.3	—	2 024.1	1.0	—	October
Novemb.	842.9	732.8	—	103.3	118.8	—	1 698.2	—	—	Novemb.
Decemb.	847.9	824.2	—	53.8	55.4	—	1 447.0	984.2	—	Decemb.
Total	8 454.1	7 304.9	—	866.4	870.1	—	11 581.7	8 216.6	—	Total
Jan.-July	5 291.9	3 661.7	3 837.0*	447.3	423.1	1 213.0*	3 198.3	5 862.2	2 895.1*	Jan.-July

Month	Raw Hides Tons			Coal Tons			Petroleum Tons			Month
	1913	1921	1922	1913	1921	1922	1913	1921	1922	
January	558.7	50.3	285.4*	8 411.6	3 469.2	3 282.2*	616.8	—	3.9*	January
February	371.2	16.9	191.1*	2 016.6	5 696.0	2 794.9*	610.7	—	0.0*	February
March	336.4	156.1	354.8*	1 255.0	74.6	2 448.5*	188.0	10.2	107.7*	March
April	539.5	165.8	479.2*	15 108.4	1 350.4	1 350.2*	26.8	19.7	62.8*	April
May	753.1	601.4	683.8*	81 395.7	2 325.9	28 734.3*	61.6	94.3	267.3*	May
June	586.6	62.9	621.1*	76 753.2	600.0	21 359.3*	1 764.6	50.2	175.1*	June
July	420.0	196.3	293.1*	78 673.8	2 155.6	21 745.9*	7 914.8	29.2	7 908.2*	July
August	694.2	146.4	—	73 848.4	9 124.3	—	9 699.6	5 696.3	—	August
Septemb.	416.6	259.9	—	99 646.1	11 673.0	—	7 334.4	4 807.9	—	Septemb.
October	440.2	515.5	—	67 200.5	8 380.0	—	4 020.4	114.2	—	October
Novemb.	390.8	430.6	—	43 533.0	27 270.4	—	3 373.8	3 649.0	—	Novemb.
Decemb.	336.2	285.0	—	37 771.4	14 888.5	—	460.0	2 420.1	—	Decemb.
Total	5 843.8	2 887.1	—	585 613.7	87 007.9	—	36 071.3	16 891.1	—	Total
Jan.-July	3 565.8	1 249.7	2 908.3*	263 614.3	15 671.7	81 715.9*	11 183.1	203.6	8 525.0*	Jan.-July

16. — EXPORTS OF THE MOST IMPORTANT ARTICLES.

Month	Cattle Number			Butter Tons			Cheese Tons			Month
	1913	1921	1922	1913	1921	1922	1913	1921	1922	
January	674	—	—	864.3	115.0	385.4*	34.7	79.0	190.4*	January
February	740	—	—	891.9	15.2	427.4*	115.2	117.1	220.5*	February
March	520	—	—	1 025.0	13.7	651.5*	57.3	194.3	328.7*	March
April	1 060	—	—	1 776.8	589.4	1 056.7*	95.1	179.3	321.9*	April
May	1 311	52	129*	1 297.1	650.3	736.8*	67.9	163.3	252.2*	May
June	875	474	304*	1 396.8	687.7	786.9*	51.5	141.8	161.7*	June
July	819	1 376	193*	1 530.6	811.3	1 091.1*	29.1	199.2	199.2*	July
August	3 098	1 917	—	797.8	806.7	—	117.0	284.1	—	August
Septemb.	3 185	1 427	—	706.9	785.8	—	173.8	301.6	—	Septemb.
October	1 068	848	—	813.8	838.2	—	173.0	155.0	—	October
Novemb.	360	47	—	711.2	606.4	—	142.4	121.2	—	Novemb.
Decemb.	314	—	—	828.1	545.5	—	167.8	189.8	—	Decemb.
Total	14 024	6 141	—	12 640.3	6 465.3	—	1 224.1	2 125.5	—	Total
Jan.-July	5 999	1 902	626*	8 782.5	2 882.6	5 135.8*	450.8	1 073.8	1 674.6*	Jan.-July

* See note p. 5.

16. — EXPORTS OF THE MOST IMPORTANT ARTICLES. — Continued.

Month	Un-sawn Timber All Kinds (excl. fuel) 1 000 m ³			Fuel (wood) 1 000 m ³			Sawn Timber All Kinds 1 000 standards			Month
	1913	1921	1922	1913	1921	1922	1913	1921	1922	
January	3.0	0.9	7.8*	77.8	0.5	14.4*	2.8	1.6	6.4*	January
February	5.1	0.0	0.8*	73.7	0.0	9.7*	0.0	0.7	0.2*	February
March	4.2	0.0	5.7*	57.3	0.1	27.8*	0.2	0.1	0.6*	March
April	24.0	7.3	7.1*	74.6	3.0	57.5*	3.0	3.5	0.3*	April
May	307.7	23.0	61.9*	80.1	18.2	47.3*	73.8	17.0	41.8*	May
June	487.6	43.7	237.1*	111.8	35.6	47.4*	137.0	45.1	140.0*	June
July	610.4	100.4	397.4*	123.3	40.9	59.0*	161.8	67.3	182.9*	July
August	721.3	226.2		128.5	51.0		144.7	76.2		August
Septemb.	604.5	182.0		102.2	67.4		139.7	118.9		Septemb.
October	295.4	150.4		118.1	43.8		121.6	154.3		October
Novemb.	81.0	74.1		60.1	8.6		79.7	121.2		Novemb.
Decemb.	18.6	25.9		58.9	1.2		38.7	37.1		Decemb.
Total	3 162.9	833.8		1 066.4	270.3		903.0	643.0		Total
Jan.-July	1 441.6	175.2	717.8*	598.6	98.3	263.1*	378.6	135.3	372.2*	Jan.-July

1 standard sawn timber = 4.672 m³.

Month	Deals ¹⁾ 1 000 standards			Battens ¹⁾ 1 000 standards			Boards ¹⁾ 1 000 standards			Month
	1913	1921	1922	1913	1921	1922	1913	1921	1922	
January	0.6	0.1	0.7*	0.5	0.8	3.5*	1.6	0.5	1.2*	January
February	—	0.0	0.0*	—	0.1	0.1*	0.0	0.2	0.1*	February
March	—	—	0.0*	—	—	0.0*	0.1	0.1	0.1*	March
April	0.1	0.1	0.0*	0.4	1.3	0.1*	1.8	1.8	0.1*	April
May	6.0	1.8	4.8*	17.3	4.9	17.0*	34.5	7.5	15.7*	May
June	19.6	4.6	18.6*	41.1	14.7	47.1*	57.7	21.6	60.2*	June
July	20.2	9.3	22.9*	49.9	23.2	64.0*	74.7	29.1	74.6*	July
August	17.5	10.5		43.4	27.2		63.9	32.0		August
Septemb.	15.4	17.7		41.3	44.6		62.1	47.5		Septemb.
October	16.6	19.7		33.0	56.7		51.6	66.3		October
Novemb.	9.1	14.6		20.0	46.4		37.8	54.1		Novemb.
Decemb.	4.5	4.3		9.4	15.2		19.2	14.0		Decemb.
Total	109.6	82.7		256.3	235.1		405.0	274.7		Total
Jan.-July	46.5	15.9	47.5*	109.2	45.0	131.8*	170.4	60.8	152.0*	Jan.-July

Month	Bobbins Tons			Mechanical Pulp ²⁾ Tons			Chemical Pulp ²⁾ Tons			Month
	1913	1921	1922	1913	1921	1922	1913	1921	1922	
January	847.8	335.6	449.6*	1 227.4	1 392.1	2 880.6*	2 867.5	5 598.5	5 071.1*	January
February	989.2	476.9	160.1*	1 262.7	1 185.5	2 203.6*	4 534.1	3 666.4	6 266.9*	February
March	1 030.4	384.7	682.0*	1 987.3	380.8	1 413.5*	2 071.5	2 170.9	12 590.7*	March
April	885.2	491.2	693.5*	1 888.4	711.1	2 361.6*	4 250.1	334.1	18 689.7*	April
May	1 130.2	228.9	388.9*	10 418.4	1 059.0	5 801.2*	11 017.5	2 766.9	25 205.9*	May
June	916.0	104.3	450.4*	3 555.8	1 136.3	5 246.9*	4 276.5	7 883.3	15 633.1*	June
July	944.8	238.7	463.1*	6 485.6	1 501.9	8 732.1*	4 694.7	10 108.9	11 758.0*	July
August	796.7	315.0		2 868.9	6 527.6		7 695.0	8 166.0		August
Septemb.	979.3	86.4		3 965.4	8 067.5		7 594.4	21 307.6		Septemb.
October	723.1	408.1		2 872.8	6 970.2		4 890.8	16 373.5		October
Novemb.	1 143.1	432.6		2 725.6	13 981.2		8 126.1	27 237.2		Novemb.
Decemb.	935.7	467.3		5 657.1	7 446.9		13 460.6	17 188.8		Decemb.
Total	11 322.0	3 969.7		44 915.4	50 360.1		75 479.0	122 802.1		Total
Jan.-July	6 743.6	2 260.3	3 287.6*	26 825.8	7 366.7	28 639.7*	33 711.9	32 529.0	95 215.4*	Jan.-July

* See note p. 5. — ¹⁾ The figures representing these wood goods are included in the sum representing sawn timber (all kinds) given above. — ²⁾ Dry weight.

16. — EXPORTS OF THE MOST IMPORTANT ARTICLES. — Continued.

Month	Cardboard Tons			Paper All Kinds Tons			Printing-paper Tons			Month
	1913	1921	1922	1913	1921	1922	1913	1921	1922	
January	2 480.7	310.9	1 725.3*	10 793.7	8 153.8	11 609.2*	5 301.7	6 856.5	8 144.3*	January
February	4 128.8	987.3	462.5*	10 878.1	5 355.7	9 704.3*	5 143.4	4 231.5	6 315.7*	February
March	4 371.3	506.0	1 474.5*	10 906.9	6 847.4	19 373.8*	5 159.1	5 507.6	13 375.6*	March
April	3 832.1	298.2	2 330.2*	11 408.4	9 323.8	22 198.1*	5 520.8	7 737.7	13 979.8*	April
May	5 572.7	573.4	2 498.0*	11 998.3	6 188.7	17 433.0*	5 773.4	4 853.6	11 915.2*	May
June	4 540.3	402.7	2 027.7*	12 196.6	7 524.5	14 010.7*	5 805.2	5 956.8	9 335.3*	June
July	4 812.5	869.4	1 779.4*	13 094.0	13 259.3	13 969.4*	5 736.8	10 594.5	9 127.6*	July
August	4 824.8	608.6		12 551.9	10 215.7		5 399.0	7 252.2		August
Septemb.	5 206.0	1 078.0		12 676.5	15 171.0		6 155.0	9 937.3		Septemb.
October	4 718.1	1 746.1		12 719.9	13 048.0		6 585.0	9 047.1		October
Novemb.	4 809.7	1 768.3		13 515.0	16 571.1		6 977.7	10 291.5		Novemb.
Decemb.	4 454.8	3 394.3		12 895.3	16 583.0		6 509.0	11 629.2		Decemb.
Total	53 751.3	12 543.2		145 634.6	128 241.6		70 066.1	93 895.5		Total
Jan.-July	29 738.4	3 947.9	12 297.6*	81 276.0	56 652.8	108 298.5*	38 440.4	45 738.2	72 193.5*	Jan.-July

17. — FINLAND'S FOREIGN TRADE WITH VARIOUS COUNTRIES.

Country	Imports (C. I. F. Value)				Exports (F. O. B. Value)			
	January-July		1921 Whole Year	1910—1913 Average	January-July		1921 Whole Year	1910—1913 Average
	Mill. Fmk	%	%	%	Mill. Fmk	%	%	%
Europe:								
Belgium	36.8	1.8	0.8	1.5	131.0	5.9	5.5	4.7
Denmark	96.5	4.8	6.8	5.5	120.8	5.5	4.9	3.4
Estonia	29.3	1.5	0.8	— ¹⁾	43.4	2.0	1.5	— ¹⁾
France	31.7	1.6	1.2	1.5	222.8	9.9	6.4	8.8
Germany	684.1	34.0	33.7	40.3	233.6	10.6	10.9	13.4
Great Britain	441.0	21.9	19.8	13.2	815.1	36.9	33.8	27.3
Latvia	4.7	0.2	0.1	— ¹⁾	4.5	0.2	0.3	— ¹⁾
Lithuania	3.2	0.2	0.1	— ¹⁾	0.2	0.0	0.1	— ¹⁾
Netherlands	99.8	5.0	5.3	1.9	136.0	6.2	8.0	4.6
Norway	22.8	1.1	0.7	0.1	7.7	0.3	1.2	0.3
Poland	12.1	0.6	0.1	— ¹⁾	1.1	0.1	0.1	— ¹⁾
Russia	8.8	0.4	0.0	29.0	90.8	4.1	1.8	28.1
Sweden	124.8	6.2	7.8	5.2	169.1	7.7	11.9	4.2
Spain	5.0	0.2	0.2	0.5	8.2	0.4	1.2	3.0
Other European countries	37.3	1.9	1.7	0.7	11.3	0.5	0.4	0.2
Total Europe	1 637.5	81.4	78.8	99.4	1 995.6	90.3	87.8	97.9
Asia	1.6	0.1	1.1	0.4	12.2	0.6	1.0	0.2
Africa	0.2	0.0	0.0	0.0	32.9	1.5	2.0	1.8
United States	294.5	14.6	17.0	0.0	130.9	5.9	8.1	0.0
Other States of North America	8.8	0.4	0.3	0.0	1.5	0.1	0.0	0.0
South America	69.9	3.5	2.8	0.2	33.6	1.5	1.0	0.0
Australia	0.3	0.0	0.0	0.0	1.5	0.1	0.1	0.0
Grand Total	2 012.8	100.0	100.0	100.0	2 208.2	100.0	100.0	100.0

According to figures given by the Statistical Department of the Board of Customs.

Up to, and including, 1917 the last port of shipment and the first port of discharge were used in determining the respective countries of import and export. Regarding transportation of goods over land boundaries, 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 true countries of import or export. From, and including, 1918 the country of import indicates the land in which goods were purchased, and country of export the land to which goods were sold.

¹⁾ Included in figures for Russia.

* See note p. 5.

18. — IMPORT-PRICE INDEX.

Year Month	Total All Kinds	Of which				The Three Last Groups divided according to their Degree of finish			Year Month
		Food-stuffs	Clothing	Agricultural Necessities	Other Goods	Raw Materials	Machinery	Industrial-products	
1913	100	100	100	100	100	100	100	100	1913
1914	106	111	99	101	101	100	99	100	1914
1915	162	177	130	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	1 108	934	1 268	1 364	931	827	1920
1921	1 329	1 556	1 080	1 087	1 109	1 129	1 005	1 048	1921
1922									1922
January	1 083	1 243	1 062	927	922	1 010	1 034	916	January
Jan.-Febr.	1 101	1 227	1 010	1 083	960	1 019	996	937	Jan.-Febr.
Jan.-March	1 121	1 253	1 051	968	937	1 028	946	985	Jan.-March
Jan.-April	1 107	1 211	1 054	1 072	925	1 045	823	1 020	Jan.-April
Jan.-May	1 132	1 247	1 065	1 130	958	1 069	816	1 033	Jan.-May
Jan.-June	1 130	1 238	1 078	1 108	951	1 070	802	1 060	Jan.-June
Jan.-July	1 124	1 230	1 087	1 106	952	1 067	865	1 035	Jan.-July

The import- and export-indices have been calculated by the Statistical Dept. of 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 have been divided, according to their use, into the groups: food-stuffs, clothing, agricultural necessities and other goods. The three last-named have been further divided, according to their degree of finish, into raw-materials, machinery and industrial products.

19. — EXPORT-PRICE INDEX.

Year Month	Total All Kinds	Of which								Year Month
		Fresh Meat	Butter	Cheese	Timber ¹⁾	Bobbins	Mechanical Pulp	Chemical Pulp	Paper	
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	1 250	886	1 755	1 710	1 742	1 185	1920
1921	1 213	1 008	1 636	1 489	996	2 186	2 202	1 502	1 433	1921
1922										1922
January	1 364	973	1 137	1 225	846	2 239	2 253	1 575	1 403	January
Jan.-Febr.	1 374	971	1 169	1 212	876	2 194	2 187	1 581	1 395	Jan.-Febr.
Jan.-March	1 359	987	1 167	1 179	954	1 990	2 228	1 514	1 318	Jan.-March
Jan.-April	1 367	992	1 234	1 167	1 073	2 041	2 212	1 472	1 297	Jan.-April
Jan.-May	1 325	998	1 239	1 152	1 105	1 986	2 219	1 433	1 276	Jan.-May
Jan.-June	1 264	1 002	1 270	1 131	1 094	1 946	2 223	1 440	1 272	Jan.-June
Jan.-July	1 215	1 005	1 304	1 122	1 068	1 923	2 113	1 428	1 264	Jan.-July

Besides the total index the table contains indices for only a few of the most important exports.

See in addition text under Table No. 18.

¹⁾ The figures in this column differ for the years 1915—1920 from those earlier published here, bobbins having been taken into consideration before, when calculating this index-number.

20. — 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.-July	Year
I m p o r t s															
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	68.8	72.8	36.8	56.7	55.0	47.9	47.8	34.2	48.5	61.9	52.8	58.3	1920
1921	44.1	56.2	58.5	79.3	59.0	53.2	49.0	62.7	49.8	42.5	45.8	71.8	54.4	56.1	1921
1922	45.3	39.1	65.7	92.0	73.8	88.0	67.2							69.4	1922
E x p o r t s															
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	68.6	61.9	1920
1921	45.0	28.7	36.3	47.3	30.4	39.6	50.2	60.7	90.9	119.6	138.4	87.7	68.9	40.9	1921
1922	82.4	59.2	109.9	106.7	73.3	93.0	98.9							90.7	1922

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

21. — VALUE OF IMPORTS AND EXPORTS IN 1913—1922 DIVIDED ACCORDING TO THE PURPOSE OF THE GOODS. ¹⁾

Year and Month	Imports				Exports				Year and Month
	Goods for Production		Goods for Consumption		Goods for Production		Goods for Consumption		
	Raw Material	Machinery	Industrial products	Foodstuffs	Raw Material	Machinery	Industrial products	Foodstuffs	
	%	%	%	%	%	%	%	%	
1913	32.1	10.5	18.4	39.0	67.4	3.0	16.1	13.5	1913
1914	29.3	10.9	17.2	42.6	55.4	3.8	23.4	17.4	1914
1915	34.5	5.4	11.4	48.7	27.3	6.5	41.8	24.4	1915
1916	38.9	7.6	14.6	38.9	26.5	6.8	53.7	13.0	1916
1917	33.7	8.3	28.2	29.8	26.1	4.9	58.2	10.8	1917
1918	19.1	8.3	20.3	52.3	55.9	2.8	34.0	7.3	1918
1919	27.7	9.4	18.7	44.2	76.8	1.3	19.3	2.8	1919
1920	34.4	15.8	17.3	32.2	73.9	0.7	22.3	2.8	1920
1921	23.2	13.8	19.0	44.0	62.0	1.6	22.4	14.0	1921
1922									1922
Jan.-June	32.7	11.6	19.9	35.8	53.9	0.8	30.8	14.5	Jan.-June
Jan.-July	33.6	11.3	20.1	35.0	61.3	0.7	25.1	12.9	Jan.-July
July	38.4	9.7	21.0	30.9	80.1	0.5	10.8	8.6	July

¹⁾ The goods have been divided into four groups: 1) raw materials and half completed manufactures, 2) machinery, tools, means of transport and other similar means of production, 3) other completed manufactures and 4) foodstuffs (foods and luxuries).

22. — FOREIGN SHIPPING.

Month	Arrivals						Sailings						Month	
	With Cargo		In Ballast		Total		With Cargo		In Ballast		Total			
	of Ves-sels	Reg. tons Net.	of Ves-sels	Reg. tons Net.	of Ves-sels	Reg. tons Net.	of Ves-sels	Reg. tons Net.	of Ves-sels	Reg. tons Net.	of Ves-sels	Reg. tons Net.		
1922														1922
January	76	45 613	29	14 246	105	59 859	86	50 857	8	1 848	94	52 705	January	
February	28	20 243	2	495	30	20 738	37	25 273	2	371	39	25 644	February	
March	81	55 217	15	10 906	96	66 123	70	44 742	2	2 667	72	47 409	March	
April	98	66 778	12	12 501	110	79 279	95	62 536	12	11 157	107	73 693	April	
May	433	135 036	422	190 471	855	325 507	502	169 086	146	19 395	648	188 481	May	
June	443	133 663	719	281 394	1 162	415 057	997	413 390	203	23 452	1 200	436 842	June	
July	335	140 724	697	279 348	1 032	420 072	970	445 719	201	27 982	1 171	473 701	July	
Aug.													August	
Septemb.													Septemb.	
October													October	
Novemb.													Novemb.	
Decemb.													Decemb.	
Jan.-July	1 494	597 274	1 896	789 361	¹⁾ 3 390	1 386 635	2 737	1 211 603	574	86 872	²⁾ 3 331	1 298 495	Jan.-July	

¹⁾ Of which 1315 Finnish vessels and 2075 foreign vessels.

²⁾ " " 1438 " " 1893 "

23. — GOODS TRAFFIC ON STATE RAILWAYS.

Month	Weight of Goods Transported 1 000 Tons			Axle-kilometres of Goods-waggons 1 000 Km			Month
	1913	1921	1922	1913	1921	1922	
January	380.5	299.5	417.8*	28 329.9	32 822.9	34 805.6*	January
February	441.2	411.5	509.1*	29 660.4	32 947.7	36 089.1*	February
March	412.5	407.3	599.4*	30 621.3	33 932.8	41 512.5*	March
April	405.0	372.6	538.4*	32 382.0	37 675.0	43 127.8*	April
May	426.5	327.4	582.1*	31 081.9	34 173.1	45 497.6*	May
June	443.8	406.4	573.5*	30 875.9	37 325.1	43 165.5*	June
July	470.3	425.9		34 244.8	39 644.9		July
August	430.5	439.6		33 736.0	39 458.0		August
September	437.2	510.3		32 322.7	41 192.9		September
October	443.5	498.4		32 265.6	41 831.0		October
November	340.4	472.8		28 852.9	37 817.1		November
December	302.1	407.9*		28 503.9	34 507.0		December
Total	4 933.5	4 979.6*		372 877.3	443 327.5		Total
Jan.-June	2 509.5	2 224.7	3 220.3*	182 951.4	208 876.6	244 198.1*	Jan.-June

24. — LOCOMOTIVES AND GOODS-WAGGONS IN USE ON STATE RAILWAYS.

End of Month	Locomotives Number			Goods-waggons Number			End of Month
	1920	1921	1922	1920	1921	1922	
January	445	475	452	12 601	13 314	15 069	January
February	457	487	458	12 642	13 869	15 271	February
March	454	478	454	12 734	13 949	15 271	March
April	446	477	459	12 601	14 020	15 537	April
May	458	485	460	12 622	14 091	15 617	May
June	476	500	488	12 662	14 151	15 777	June
July	473	500		12 720	14 151		July
August	466	500		12 808	14 169		August
September	468	504		12 896	14 226		September
October	472	504		13 030	14 376		October
November	474	467		13 137	14 376		November
December	486	453		13 233	14 482		December
Average	465	486		12 807	14 098		Average

25. — STATE RAILWAY'S REVENUE, REGULAR EXPENDITURE AND TRAFFIC PROFITS.

Month	Revenue (less Re-imbursements) Mill. Fmk			Regular Expenditure Mill. Fmk			Traffic Profit Mill. Fmk			Month
	1913	1921	1922	1913	1921	1922	1913	1921	1922	
January	4.3	28.7*	36.6*	.	26.3*	34.0*	.	2.4*	2.6*	January
February	4.2	29.0*	35.1*	.	28.1*	33.4*	.	0.9*	1.7*	February
March	4.9	35.5*	46.3*	.	26.5*	32.8*	.	9.0*	13.5*	March
April	4.8	37.3*	49.0*	.	41.6*	32.4*	.	— 4.3*	16.6*	April
May	5.3	34.4*	48.6*	.	31.5*	33.2*	.	2.9*	15.4*	May
June	5.9	40.8*	52.0	.	37.8*	39.2	.	3.0*	12.8	June
July	5.7	40.0*		.	32.0*		.	8.0*		July
August	5.5	41.0*		.	33.8*		.	7.2*		August
Septemb.	5.3	44.1*		.	34.1*		.	10.0*		Septemb.
October	4.7	42.1*		.	33.3*		.	8.8*		October
Novemb.	4.0	38.9*		.	33.2*		.	5.7*		Novemb.
Decemb.	4.3	39.7*		.	37.5*		.	2.2*		Decemb.
Total	58.6	451.5*		40.3	395.7*		18.3	55.8*		Total
Jan.-June	29.1	205.7*	267.6*	.	191.8*	205.0*	.	13.9	62.6	Jan.-June

According to Finnish State Railway's Preliminary Monthly Statistics.

* See note p. 5.

26. — NUMBER OF UNEMPLOYED.

End of Month	1920			1921			1922				End of Month
	Men	Women	Total	Men	Women	Total	Men	Women	Total	Month's Movement	
January	1 316	982	2 298	2 207	1 166	3 373	2 607	978	3 585	+ 1 458	January
February	948	809	1 757	2 569	1 269	3 838	2 613	874	3 487	— 98	February
March	853	727	1 580	2 006	921	2 927	2 089	772	2 861	— 626	March
April	527	587	1 114	1 142	881	2 023	1 487	773	2 260	— 601	April
May	319	335	654	849	520	1 369	609	463	1 072	— 1 188	May
June	276	199	475	606	331	937	514	285	799	— 273	June
July	272	270	542	610	423	1 033	346	281	627	— 172	July
August	275	474	749	735	623	1 358					August
Septemb.	343	494	837	708	661	1 369					Septemb
October	440	594	1 034	919	774	1 693					October
Novemb.	586	696	1 282	1 590	762	2 352					Novemb.
Decemb.	899	555	1 454	1 605	522	2 127					Decemb.

This table, prepared from the weekly reports of the Board for Social Affairs' Labour Exchange Department, shows the number of unemployed registered in the books of the communal labour exchanges in the majority of towns and a very little part of the rural centres of population at the close of the week nearest to the month's end. As agricultural labourers and skilled industrial workers 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.

27. — INDEX NUMBER OF COST OF LIVING.

Month	Foodstuffs	Clothing	Rents	Fuel	Tobacco	Newspaper	Total Cost of Living	Month's Movement	Month
1914									1914
July	100.0	100.0	100.0	100.0	100.0	100.0	100.0	—	July
1920									1920
July	981.3	1 048.7	335.2	1 231.7	1 362.1	400.8	911.0	+ 43.5	July
August	1 089.3	1 073.6	356.0	1 294.8	1 367.0	400.8	990.5	+ 79.5	August
September	1 134.3	1 099.7	373.6	1 374.0	1 370.5	400.8	1 029.9	+ 39.4	September
October	1 172.4	1 133.6	380.5	1 431.3	1 377.6	400.8	1 063.2	+ 33.3	October
November	1 205.6	1 132.8	381.6	1 443.0	1 376.0	400.8	1 085.4	+ 22.2	November
December	1 232.8	1 126.4	388.5	1 442.7	1 383.7	400.8	1 103.2	+ 17.8	December
1921									1921
January	1 173.9	1 089.1	406.7	1 414.1	1 393.6	817.5	1 065.4	— 37.8	January
February	1 106.6	1 059.3	414.4	1 291.5	1 387.5	817.5	1 012.7	— 52.7	February
March	1 136.6	1 030.9	417.7	1 265.9	1 361.5	817.5	1 027.1	+ 14.4	March
April	1 106.9	1 021.6	419.3	1 291.0	1 322.3	817.5	1 007.5	— 19.6	April
May	1 117.3	1 017.1	419.3	1 268.5	1 311.4	817.5	1 012.4	+ 4.9	May
June	1 146.5	1 031.8	534.6	1 283.2	1 315.6	817.5	1 050.5	+ 38.1	June
July	1 277.3	1 038.2	552.5	1 278.4	1 313.9	817.5	1 139.0	+ 88.5	July
August	1 323.8	1 058.6	575.3	1 275.4	1 313.0	817.5	1 174.9	+ 35.9	August
September	1 359.1	1 090.2	595.5	1 263.8	1 316.2	817.5	1 204.6	+ 29.7	September
October	1 356.9	1 106.0	602.3	1 307.5	1 311.4	817.5	1 208.3	+ 3.7	October
November	1 286.0	1 104.0	602.5	1 302.4	1 298.8	817.5	1 161.5	— 46.8	November
December	1 198.4	1 106.7	602.5	1 262.1	1 293.4	817.5	1 102.6	— 58.9	December
1922									1922
January	1 123.2	1 096.2	602.5	1 263.2	1 292.1	1 079.4	1 055.1	— 47.5	January
February	1 115.0	1 097.6	602.5	1 254.0	1 288.2	1 079.4	1 049.4	— 5.7	February
March	1 093.0	1 098.1	602.5	1 244.2	1 287.3	1 079.4	1 034.7	— 14.7	March
April	1 088.6	1 102.2	602.5	1 248.4	1 285.3	1 079.4	1 032.6	— 2.1	April
May	1 091.6	1 098.2	602.5	1 251.0	1 262.5	1 079.4	1 033.8	+ 1.2	May
June	1 098.9	1 098.9	753.9	1 275.0	1 268.9	1 079.4	1 061.1	+ 27.3	June
July	1 105.4	1 092.7	766.5	1 276.2	1 290.5	1 079.4	1 066.5	+ 5.4	July

The above index is calculated by the Board for Social Affairs' Statistical Department, 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 1 600—2 000 Fmk., presupposing that the average consumption within the same per month remained unaltered. The index for total cost of living is the weighted average formed from the different indices.

THE MERCANTILE MARINE OF FINLAND.

BY

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The progress made by the Finnish mercantile marine during the last forty years, for which period exact information is at hand, is best seen from the following figures, which give both the number of vessels and their combined net tonnage.

Year	Number	Net Registered Tonnage
1892	1,758	251,275
1898	2,132	312,867
1903	2,687	340,482
1908	3,160	383,205
1913	3,617	432,717
1918	5,148	532,648
1919	5,358	538,390
1920	4,686	463,127
1921	4,817	486,797

The number of vessels increased between the years 1892 and 1913 by 106% and the tonnage during the same period by 72%, the increase up to 1921 being 174% in the number of vessels and 93% in tonnage. The fact that the tonnage and the number of vessels have not increased in the same proportion is explained if we take into account that coasting vessels and those employed on inland waters have increased in a greater degree than ocean-going vessels.

During the world war the Finnish merchant fleet suffered comparatively heavy losses. The effects of these losses were all the more felt as only a small portion of the fleet was able to take part in traffic during the period of the war. Through confiscations, torpedoes or mines, the

Finnish merchant service had lost 84 vessels up to the close of 1917, the net tonnage of which rose to 68,302 reg. tons, representing a value of 67.3 million marks according to the prices prevailing at that time. At the close of 1918, the losses amounted to 13% of the total tonnage. In addition, a number of vessels were lost to the merchant marine, these including both ocean-going and coasting vessels, owing to the circumstance that after their compulsory expropriation by the Russian Naval authorities, they have remained in Russia, from where it has been impossible to recover them. The decrease in 1920 comprises many vessels of this description, which were struck off the Finnish Register when it became apparent that they were lost for good.

The greater decrease for 1920 was also partly due, besides to the above cause, to the large number of vessels sold abroad. A third factor was that a goodly number of vessels, especially of the inland water and coasting types, were removed from the merchant fleet on account of their age. The great traffic in firewood during the war years had increased the demand for inland tonnage, with the result that many vessels unfit for traffic were used in this trade. As soon as circumstances permitted, however, this tonnage was discarded.

The decrease in our merchant fleet would have been greater than the figures for 1920 show, had not the losses been counterbalanced by great building activity. The following figures show

the number and tonnage of the vessels completed during recent years.

Year	Number	Net Registered Tonnage
1918	57	13,952
1919	34	11,070
1920	135	22,779
1921	234	23,159
Total	460	70,959

The number and tonnage of machine-propelled vessels and their proportion to the whole fleet will be seen from the following figures, which cover a number of years.

Year	Number	% of Total Vessels	Net Registered Tonnage	% of Total Tonnage
1892	173	10	23,279	9
1898	236	11	41,043	13
1903	322	12	55,019	16
1908	441	14	68,649	18
1913	540	17	76,581	17
1918	864	17	98,718	19
1919	919	17	104,970	19
1920	866	18	99,071	21

Although machine-propelled vessels have increased, both in number and tonnage, at a rate comparatively more rapid than the fleet as a whole can show, they are still only one-fifth of the total fleet. The abundance of inland waters in Finland, already, causes a demand for much special transport for these — lighters suitable for towing, on which a maximum of freight can be transported at the smallest cost. Heavy timber especially, the product of our forest, calls for such means of transport on our inland waters.

Regarding the monetary value and gross receipts of our merchant fleet, information issued by the shipping companies is at hand beginning from the year 1918. For the earlier years, calculations based on estimates of the gross earnings have been made, the results showing that the gross receipts of our merchant fleet were about 30 million marks in 1911, and about 45 million marks in 1912. For 1918–1920 they were as follows:

Year	Monetary value	Gross receipts in Finnish marks
1918	249.5 mill.	67.3 mill.
1919	342.2 „	277.8 „
1920	450.3 „	447.3 „

The monetary value has been based on reports from ship-owners. It is however to be observed that although they follow the prevailing market prices, the reports sent in by owners to the Board of Navigation are considerably below these. The figures given may therefore be regarded as an extremely guarded estimate of the value of our merchant fleet.

Of the gross receipts the following amounts fell each year to the share of foreign trade.

Year	Mill. Fmk.
1918	36.0
1919	220.7
1920	335.9

The activities of our merchant fleet will be seen from the following:

Year	Machine-propelled		Sailing vessels		Lighters	
	Num-ber	Net Ton-nage	Num-ber	Net Ton-nage	Num-ber	Net Ton-nage
1918	490	30,535	232	9,762	1,590	112,067
1919	506	31,268	288	11,266	1,974	146,601
1920	560	33,267	307	14,228	2,802	210,485
1921	471	27,380	226	8,428	2,572	190,442

Combined Home and Foreign Traffic

1918	108	24,743	127	17,004	3	470
1919	150	37,768	126	31,210	6	2,584
1920	192	52,629	233	40,684	8	3,206
1921	232	57,698	215	35,856	20	3,245

Foreign Traffic Only

1918	2	1,119	18	28,836	—	—
1919	—	—	23	32,721	—	—
1920	2	939	19	32,477	—	—
1921	—	—	11	19,905	—	—

These figures show that an exceedingly large number of the total vessels in our merchant service are engaged in home traffic. The fact is explained by the great wealth of inland waters

in the country and the long coast-line. Over 44,000 square kilometres or close on 12% of the area of the country is covered by water, the great inland lakes, such as Lakes Päijänne and Saima, forming with their related waters considerable inland water systems on which vessels of some description form the most important means of communication during the summer months. How great the number of vessels plying in these inland water systems actually is, is best shown by a few figures. In the Saima district, at the close of 1921, there were altogether 875 merchant vessels, with a combined tonnage of 72,625 reg. tons divided as follows: 305 steamers, with a tonnage of 21,648 reg. tons; 8 motor vessels, with a tonnage of 825 reg. tons; 16 sailing vessels, with a tonnage of 842 reg. tons; and 546 lighters, with a tonnage of 49,310 reg. tons. In the Päijänne and Häme waters there were altogether 580 vessels at the close of 1921, of which 75 were machine-propelled, with a total tonnage of 38,979 reg. tons net, and 505 lighters, the latter with a total tonnage of 36,261 reg. tons net.

Considerable quantities of timber are shipped from the banks of these waters to the world's markets, and for their transport lighters and tugs are a prime necessity.

On the coasts, the great centres of consumption, such as Helsinki (Helsingfors), Viipuri (Viborg) and Turku (Åbo), draw their fuel and part of their building materials from the rural districts. For the transport of these also, tonnage is needed, smaller sailing-vessels playing here the chief part. The rural districts near these towns own a plentiful supply of such vessels.

Besides purely coastal traffic, the great towns of the adjoining countries have provided opportunities for the smaller merchant vessels. Formerly, a great number of the steamers from the Saima district were run to St. Petersburg, but after the cessation of this traffic they have sought

new routes and visit, besides Stockholm, also other Swedish harbours in the Baltic Sea and the Gulf of Bothnia. The sailing-vessels from East Finland plied mostly in the Gulf of Finland and the northern parts of the Baltic Sea. Their activities are now, however, declining, as tonnage is given preferably to vessels propelled by machinery. Only the small sailing-vessels from the Åland Islands seem able to keep up their old Stockholm market for firewood.

In very few countries has inland passenger-traffic reached such a high stage of development as in Finland. On the coasts and inland waterways there were altogether 156 passenger routes at the close of 1920, of which 44 were along the coast and 112 inland. Most of the passenger-boats satisfy all possible requirements and in build and equipment can compete with any of the corresponding types in Scandinavia. The passenger-steamers on Lake Saima are especially good. The majority of these inland passenger-boats have been built in Finland, at the Varkaus and Lehtoniemi shipyards. A high standard is reached also by steamers of the coastal passenger service, although they cannot all compete with vessels on the inland waterways.

Regular lines are run by the merchant fleet to various European countries. Thus there are the following regular passenger and cargo services: Helsinki (Helsingfors)—Copenhagen—Hull; Turku (Åbo)—Copenhagen—Hull; Finland—Antwerp—Rotterdam; Finland—Hamburg; Finland—Bremen; Finland—Lubeck; Finland—Stettin; Finland—Danzig; Helsinki (Helsingfors)—Stockholm; Turku (Åbo)—Stockholm; Helsinki—Reval; Helsinki—Riga. Most of these lines are run by the largest shipping company in Finland, viz. Finska Ångfartygs Aktiebolaget (F.Å.A.), which owns 29 steamers with a combined tonnage of 18,118 reg. tons net. With its excellent vessels, this company is able to keep up its routes throughout the year.

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