

# BANK OF FINLAND MONTHLY BULLETIN

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# THE FINNISH MARKET REVIEW.

THE MONEY MARKET.

The seasonal phenomenon of an increase in the note circulation and the demand for credit was very pronounced during February and the beginning of March this year. This was due both to more work in the forests and to a livelier turnover in home trade than during the preceding years. The seasonal tendency in Finland was thus enhanced by the cyclical trend which in turn was initiated by the boom in the markets for certain raw materials abroad.

The cash held by the Joint Stock banks declined by 164.4 million marks during February; at the end of the month it amounted nevertheless to 644.4 million marks as compared to 399.0 millions a year earlier, the reduction in February having been 100.5 million marks that year. During the month under review the credits granted to the public rose by no less than 248.3 million marks, the corresponding monthly increase last year having been 95.9 million marks. Against the fairly large increase in credits there was, however, an increase in deposits due to the public, too, amounting to 80.9 million marks, whereas last year they dropped by 12.3 millions correspondingly. If transactions due to other credit institutions are also taken into account the total deposits in the Joint Stock banks amounted to 8.839.6 million marks at the end of February as compared to 8,768.7 million marks a month and 7,979.7 millions a year earlier. Total credits rose from 7,505.2 million marks at the end of January to 7,738.8 million marks at the end of the following month. Taking the credits granted by the Central Bank also into account, the total volume of credits has expanded during the twelve months' period ended February, 1937, by 342.4 million marks.

The foreign payment position continues to improve. During February the net foreign credit balances of the Joint Stock banks grew by 9.6 millions to 330.9 million marks as compared to 292.8 millions and 413.1 millions at the same date in the two preceding years. All the banks together could for the first time record net claims abroad to a combined amount exceeding 2,000 million marks.

As already mentioned the seasonal rise in the note circulation of the Bank of Finland was fairly sharp in February and the beginning of March. The monthly increase was 156.6 million marks during the second month of 1937 as against 103.2 millions in 1936. During the first fortnight in March the notes in circulation rose still further by 58.4 millions to 1,815.0 million marks as against 1,464.7 millions a year ago. Seeing that the note circulation, corrected for certain changes in its composition, amounted to 480 marks per capita at the end of February, the increase is, however, actually not surprising, as the correspond-

ing amount at the same date in 1928 was 440 marks. As a consequence of the diminishing cash accounts of the Joint Stock banks their current accounts with the Bank of Finland also decreased and the total liabilities payable on demand did not therefore grow more than by 37.2 million marks in February. As the reserve of foreign currency on the other hand increased by no less than 91.4 million marks, the note reserve increased by 54.3 millions to 503.2 million marks. - During February the Bank of Finland continued to sell bonds in the home market, the booked value of bonds in Finnish currency decreasing by 20.0 million marks to 295.0 millions as compared to 347.9 million marks at the beginning of the year.

The tendency of prices is still in favour of this country. The price index for exported goods (f.o.b.) rose from 105 (1926 = 100) in January to 111 in February, whereas import prices only moved from 103 to 106. Among the latter the group index for metal products, except machinery, however, jumped up to 164 as against 148 a month and 125 a year ago. In the wholesale price index the rising tendency brought about an increase of 3 points and the Bank of Finland consumption price index (July 1931 = 100) went up from 101.3 to 103.0 during the month under review.

#### TRADE AND INDUSTRY.

As in January imports were fairly lively in February, too. At an amount of 504.5 million marks, they fell short of the preceding month's imports by 20.8 million marks but exceeded the corresponding value last year by no less than 133.6 millions. The value of exports in February was also higher than in 1936, viz., 383.8 million marks as against 360.5 millions. Thus, a

surplus of imports arose of 120.7 million marks in February, 1937. The balance of trade moving against us at this time of the year is quite in accordance with the seasonal rule, but the surplus of imports is this year considerably higher than during the last few years; for January-February the total surplus of imports was 161.2 million marks as compared to 34.6 millions in 1936 and a slight surplus of exports in 1935. During the two months mentioned the volume of imports was 201 (1926 = 100) this year in comparison with 181 last year, whereas the volume of exports remained about the same, viz., 307 and 302 respectively. As foreign prices moved in our favour, however, the corresponding values were: for imports 1,029.8 and 832.1 millions and for exports 868.6 and 797.5 million marks. — In the trade figures for individual goods this year's importation of cereals should be noted. During January—February 19,300 tons of rye and 14,100 tons of wheat were imported as against 12,800 and 10,600 tons respectively in 1936.

The market conditions for our chief woodworking industries are satisfactory. Paper prices which have to some extent lagged behind in the general rise of prices for the products of the woodworking industries, have become firmer of late. The demand for sulphite is brisk. Timber sales from Finland have proceeded at such a pace that contracts concluded up to the end of February totalled about 750,000 standards, or approximately three-fourths of Finland's quota for this year.

#### THE LABOUR MARKET.

There is full employment in the country at present and wages are tending upwards.

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STATISTICS.
1. — WEEKLY STATEMENT OF THE BANK OF FINLAND.

	1936 Mill. Fmk			937 Fmk	
	14/3	23/2	27/2	<sup>8</sup> / <sub>3</sub>	<sup>15</sup> / <sub>3</sub>
ASSETS.	į į	]			
I. Gold reserve	493.4	603.1	603.1	603.1	603.1
Foreign Correspondents	1 286.4	1 732.7	1 746.7	1762.0	1 783.0
II. Foreign Bills	81.8	91.8	88.9	93.5	98.7
Foreign Bank Notes and Coupons	0.8	0.9	0.9	1.0	0.9
Inland Bills	803.4	877.3	880.0	876.0	884.1
III. Gold abroad not included in the note cover		211.4	211.4	213.2	213.2
Loans on Security	52.0	56.3	56.3	56.2	56.2
Advances on Cash Credit	64.0	78.9	65.3	60.8	59.7
Bonds in Foreign Currency	120.6	100.6	102.7	103.4	103.7
» » Finnish »	274.1	295.8	295.1	310.0	309.9
Bank Premises and Furniture	12.0	12.0	12.0	12.0	12.0
Sundry Assets	288.6	356.0	338.4	337.1	380.3
Total	3 477.1	4 416.8	4 400.8	4 428.3	4 504.8
LIABILITIES.		1			
Notes in circulation	1 464.7	1 628.8	1 756.6	1783.4	1 815.0
Other Liabilities payable on demand:			40 -	40 -	
Bank-Post-Bills	7.3	8.9	13.8	10.8	18.2
Balance of Current Accounts due to the Treasury	168.3	572.6	530.9	513.8	494.2
» » » » Others	424.2	649.6	512.6 14.0	563.9 16.5	596.5
Foreign Correspondents	16.7	31.2			25.7
Foreign Clearing Accounts	7.5	87.0	94.0 46.8	94.5	98.2
Sundry Accounts		6.6	1 000.0	10.1	21.1
Capital	1 000.0 312.2	1 000.0 363.0	363.0	1 000.0 363.0	1 000.0 363.0
Bank Premises and Furniture	12.2	12.0	12.0	12.0	12.0
Earnings less Expenses	14.1	6.4	6.4	9.6	10.2
Undisposed Profits	50.1	50.7	50.7	50.7	50.7
i -					
Total	3 477.1	4 416.8	4 400.8	4 428.3	4 504.8

# 2. - NOTE ISSUE OF THE BANK OF FINLAND.

	1936		19	37	
	14/3	23/2	. 27/2	8/3	<sup>15</sup> /3
RIGHT TO ISSUE NOTES:					
Gold Reserve and Foreign Correspondents	1 779.8 1 200.0	2 335.8 1 200.0	2 349.8 1 200.0	2 365.1 1 200.0	2 386.1 1 200.0
Total	2 979.8	3 535.8	3 549.8	3 565.1	3 586.1
USED AMOUNT OF ISSUE:					
Notes in circulation	1 464.7 624.0 79.8	1 628.8 1 355.9 64.4	1 756.6 1 212.1 77.9	1 783.4 1 209.6 82.4	1 815.0 1 253.9 83.5
NOTE RESERVE:	2 168.5	3 049.1	3 046.6	3 075.4	3 152.4
Immediately available Dependent on increased supplementary Cover	497.3 314.0	256.7 230.0	273.0 230.2	260.2 229.5	217.4 216.3
Total	811.3	486.7	503.2	489.7	433.
Grand total	2 979.8	3 535.8	3 549.8	3 565.1	3 586.1

Bank Rate since December 3, 1934, 4  $^{0}$  $|_{0}$ . (Former Rate 4  $^{1}$  $|_{2}$   $^{0}$  $|_{0}$ ).

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

End of		No	te Circula Mill. Fml					End of			
Month	1934	1935	1936	1937	Monthly Movement	1934	1935	1936	1937	Monthly Movement	Month
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	[1 183.6] 1 165.7 1 285.8 1 321.8 1 308.8 1 243.8 1 234.3 1 200.1 1 224.1 1 261.2 1 244.9 1 246.3 1 277.4	1 268.1 1 371.5 1 441.5 1 469.5 1 327.6 1 309.7 1 317.2 1 336.0 1 301.6 1 319.4 1 380.7	1 341.5 1 444.7 1 520.3 1 546.1 1 500.9 1 465.0 1 460.1 1 502.8 1 551.4 1 560.8 1 565.3 1 630.1	1 600.0 1 756.6	— 30.1 +156.6	[954.0] 1 000.8 1 044.4 1 054.3 1 031.3 984.9 933.9 969.4 1 073.4 1 121.7 1 190.3 1 283.0 1 328.0	1 329.8 1 267.7 1 317.2 1 385.9 1 415.9 1 333.7 1 352.8 1 242.2 1 259.4 1 280.7 1 239.9 1 266.9	1 286.9 1 263.3 1 328.3 1 354.5 1 247.9 1 114.4 1 150.0 1 147.4 1 118.1 1 254.6 1 353.3 1 491.6	1 655.3 1 746.7	+163.7 + 91.4	Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.

<sup>1)</sup> Credit balances with foreign correspondents.

# 4. — BANK OF FINLAND. ORDINARY COVER, NOTE RESERVE AND HOME LOANS.

End of	P	Ordin ercentag	ary Cov				Reserve Fmk	)			Loans <sup>1</sup> Fmk	)	End of
Month	1935	1936	1937	Monthly Movement	1935	1936	1937	Monthly Movement	1935	1936	1937	Monthly Movement	Month
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	[96.27] 95.59 91.54 88.55 86.99 87.57 84.67 83.16 82.14 87.93 85.83 85.82 83.69	81.25 82.99 80.96 80.96 78.63 73.36 74.09 72.93 74.68 77.29 75.12	77.13	- 0.08 + 2.09	[1 136.1] 1 123.8 1 053.1 988.1 944.6 953.2 899.9 860.3 842.8 963.9 912.2 920.2 861.0	791.1	503.2	— 57.4 + 54.3	[672.4] 704.0 764.0 860.6 905.4 889.9 850.4 783.3 777.3 748.1 806.1 808.5 781.9	842.9	976.0 1 051.1	+ 26.5 + 75.1	Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.

<sup>1)</sup> Inland Bills, Loans on Security and Advances on Cash Credit.

# 5. - BANK OF FINLAND. RE-DISCOUNTED BILLS AND BALANCES OF CURRENT ACCOUNTS.

End of Month	]	Re-discour Mill.	nted Bills Fmk	1 ¹)		due to 1		Accounts sury	13	hers th		counts due Treasury	End of Month
MOHOL	1933	1934-35	1936	1937	1935	1936	1937	Monthly Movement	1935	1936	1937	Monthly Movement	MOHON
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	[301.1] 238.8 147.2 95.5 61.8 44.1 31.9 23.1 13.2 5.6	11111111111		_	[162.3] 168.1 146.6 99.8 186.9 134.8 80.1 81.8 91.4 91.8 217.3 69.9 161.7	297.2 236.3 172.2 35.2 14.5 104.3 90.3 28.9 169.2 284.9 376.5	390.6 530.9	$^{+\ 14.1}_{+140.3}$	[181.1] 165.4 123.2 215.6 245.8 371.0 431.3 486.6 445.3 396.0 378.8 473.2 401.7	387.4 307.2 419.6 600.3 583.4 620.0 559.7 623.7 605.3 522.6 571.3	713.9 512.6	+142.6 -201.3	Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.

<sup>1)</sup> Included in home loans, see table 4. Re-discounted Bills according to the monthly statements of the Bank of Finland. The figures in brackets [ ] indicate the position at the end of the previous year.

# 6. - RATES OF EXCHANGE QUOTED BY THE BANK OF FINLAND.

	11	Yearly	average			Monthly	average	`	
	Parity	1935	1936	1935	193	36	1936	198	37
		1000	1000	December	January	February	December	January	February
	00.45	40.07	4 7 00	40.40	i l				
New York	23: 45		45: 82			45: 58			46: 52
London	193: 23		227:		227: —	227: —			227: —
Stockholm	1 064: 07	1 171: —	1 171:	1 171: —	1 171:	1 171: —	1 171: —	1 171: —	1 171:
Berlin	945: 84	1 866: 86	1 844: 42	1 855: 27	1 851: 32	1 849: 52	1 864: 88	1 863: —	1 868: 13
Paris	155: 56	305: 67	280: 02	304: 38	303: 59	303: 73	217: 51	217: 20	217: —
Brussels	397: 50	858: 15	773: 79	777: 50	775: 84	774: 68			783: 13
Amsterdam	1 596: —	3 138: 48	2 944: 55		3 123: 48	3 122: 24			2 540: 92
Basle	766: 13	1 506: 39	1 376: 56	1 495: 05	1 495 80	1 501: 32			1 060: 58
Oslo	1 064: 07	1 141: —	1 141:	1 141:	1 141: —	1 141: —		1 141: —	1 141: —
Copenhagen	1 064: 07	1 014:	1014:	1014: —	1014: —	1014:			1014: —
Prague	117:64	193: 95	184: 98		192: 68	192: 76			163:
Rome	208: 98	384: 04	283: 37		1) —	_	247: —		246: —
Tallinn	1 064: 07	1 251: 13	1 255: —	1 255: —	1 255: —	1 255:	1 255: —		1 255:
Riga	766: 13	1 498: 83	1 343: 56	1 490: 91	1 492:	1 495: 80		916: 46	915:
Madrid	766: 13		622: 49		631: 32	631: 48			512: 50
Warsaw	445: 42		866: 36		870: 44	870: 64			880: 54
Montreal	39:70		45: 77			45: 65		46: 37	46: 48

<sup>1)</sup> Quotations suspended from December 12th, 1935, to August 24th, 1936. — 2) Since September 11th, 1936, only a nominal rate is quoted.

# 7. - HOME DEPOSITS IN THE JOINT STOCK BANKS.

		Due to the	he Public			ther cre-		Total		Мол	thlv:	
End of Month	Cheque a Mill.	eccounts Fmk	Deposits Mill, Fmk		dit Inst Mill.			Mill. Fmk		Move		End of Month
	1936	1937	1936	1937	1936	1937	1935	1936	1937	1936	1937	
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	[1 339.0] 1 255.9 1 217.2 1 159.1 1 270.2 1 285.4 1 387.9 1 381.6 1 388.3 1 450.7 1 519.3 1 499.9 1 541.4	1 553.2 1 586.1	[5 809.6] 5 837.2 5 863.6 5 942.1 5 954.8 5 937.8 6 051.6 6 056.8 6 041.3 6 050.4 6 060.2 6 075.6 6 132.3	6 206.0 6 254.0	[817.6] 893.4 898.9 1 018.2 1 026.5 956.6 1 004.3 1 000.6 980.9 953.6 886.6 878.5	1 009.5 999.5	[7634.8] 7678.1 7711.4 7895.1 7928.4 7947.9 8083.0 8111.6 8062.6 7998.5 7885.7 7849.1 7966.2	7 986.5 7 979.7 8 119.4 8 251.5 8 179.8 8 443.8 8 439.0 8 410.5 8 454.7 8 466.1 8 454.0 8 598.0	8 768.7 8 839.6	+ 20.3 - 6.8 +139.7 +182.1 - 71.7 +264.0 - 4.8 - 28.5 + 44.2 + 11.4 - 12.1 +144.0	+170.7 + 70.9	Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.

Tables 7-9 according to Finnish Official Statistics VII, D, Bank Statistics. Mortgage banks are not included.

#### 8. - HOME LOANS GRANTED BY THE JOINT STOCK BANKS.

		To the	Public		To other			Total		Mon	thly	
End of Month	Inland Mill.		Other credits Mill. Fmk		institut Mill. ]			Mill. Fmk		Move		End of Month
	1936	1937	1936	1937	1936	1937	1935	1936	1937	1936	1937	
Jan. Febr. March April May June July Aug.	[1 391.3] 1 400.9 1 403.4 1 360.2 1 384.3 1 480.0 1 446.2 1 379.6 1 241.4	1 379.1 1 444.6	[ 5 892.8] 5 887.1 5 980.5 5 974.2 6 007.6 6 059.1 6 028.4 5 965.9 5 951.3	5 <b>942.4</b> 6 125.2	185.6 186.7 167.2 184.2 190.0 195.3	183.7 169.0	7 502.0 7 603.9 7 650.1 7 641.4 7 680.7 7 635.5 7 576.3	7 465.6 7 541.2 7 520.0 7 578.6 7 706.3 7 658.8 7 535.5 7 388.0	7 505.2 7 738.8	$egin{array}{c} -21.2 \\ +58.6 \\ +127.7 \\ -47.5 \\ -123.3 \\ -147.5 \end{array}$	+132.4 +233.6	Febr. March April May June July Aug.
Sept. Oct. Nov. Dec.	1 262.9 1 280.5 1 314.3 1 347.4		5 952.9 5 965.2 5 968.9 5 869.5		195.1 178.0 162.6 155.9		7 565.5 7 570.5 7 546.3 7 448.6	7 410.9 7 423.7 7 445.8 7 372.8		$\begin{array}{c c} + 22.4 \\ + 12.8 \\ + 22.1 \\ - 72.8 \end{array}$		Sept. Oct. Nov. Dec.

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

# 9. - POSITION OF THE JOINT STOCK BANKS TOWARDS FOREIGN COUNTRIES.

End of Month		Claims <sup>1</sup> ) Mill. Fmk		Indebtedness 2) Mill. Fmk			Inde	ims (+) a obtedness ( Mill. Fmk			Movement Claims	End of Month
	1935	1936	1937	1935	1936	1937	1935	1936	1937	1936	1937	<u> </u>
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	[619.0] 676.9 644.0 459.4 420.8 411.4 405.3 452.8 445.2 461.2 366.2 303.0 372.3	493.9 471.1 518.2 491.8 351.2 440.1 532.9 609.9 703.6 608.6 598.7 560.1	572.3 583.5	[247.3] 225.9 230.9 230.7 208.0 219.5 254.8 256.6 254.3 253.9 248.2 190.4	202.3 178.3 190.3 195.2 207.4 230.3 192.4 177.4 202.5 212.8 222.4	251.0 252.6	$ \begin{bmatrix} +371.7 \\ +451.0 \\ +413.1 \\ +228.7 \\ +212.8 \\ +191.9 \\ +167.5 \\ +198.0 \\ +188.6 \\ +206.9 \\ +112.3 \\ +54.8 \\ +181.9 \end{bmatrix} $	+291.6 +292.8 +327.9 +296.6 +143.5 +209.8 +340.5 +501.1 +393.8 +376.3 +376.3		+109.7 + 1.2 + 35.1 - 31.3 -152.8 + 66.0 +130.7 + 92.0 + 68.6 -107.3 - 17.5 - 66.9	+ 9.6	Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.

<sup>1)</sup> Credit balances with foreign correspondents and foreign bills. — 2) Due to foreign correspondents.

# 10. — POSITION OF THE BANKS TO FOREIGN COUNTRIES.1)

# 11. — CLEARING. 2)

				Claims			Monthly	19	36	19	37	
End of	 		Mill	l. Fmk			Move-	Number	Amount	Number	Amount	Month
Month	1932	1933	1934	1935	1936	1937	ment		Mill. Fmk		Mill. Fmk	<u> </u>
Jan. Febr. March April May June July Aug. Sept. Oct. Nov.	[590.4] 630.0 741.7 843.5 742.9 692.9 574.8 601.9 489.3 466.7 431.3 412.6	804.4 927.2 941.2 925.4 898.0 905.9 994.9 1 070.0 1 008.9 1 108.7	1 564.5 1 514.0 1 487.5 1 386.1 1 336.4 1 341.7 1 340.9 1 570.4 1 601.0 1 479.0 1 669.8	1 881.7 1 783.2 1 644.4 1 668.2 1 684.1 1 573.6 1 619.5 1 497.5 1 526.0 1 443.8 1 342.9	1 637.3 1 623.5 1 724.1 1 695.6 1 461.0 1 403.4 1 554.5 1 671.3 1 698.6 1 785.4	1 946.9 2 058.5	+153.1 +111.6	144 487 123 891 130 122 135 154 141 720 140 195 144 833 127 531 142 484 164 124 149 378 162 676	1 934.5 1 980.3 1 979.6 2 078.3 2 177.7 2 371.0 2 149.0 2 435.8 2 671.5 2 408.9			Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.
Dec.		1 465.5		1 504.9	1 793.8			1 706 595	27 228.4			Total

<sup>1)</sup> For the Bank of Finland the net result of the debit and credit accounts with foreign correspondents and of foreign clearing transactions as well as foreign bills are taken into account, and for the Joint Stock banks their net position is taken into account as in table 9 above.

1) Indicates the clearing operations participated in by the Joint Stock banks at the Head Office and six Branch Offices of the Bank of Finland.

# 12. — DEPOSITS IN THE SAVINGS BANKS.

End of Month	I.	In the towns Mill. Fmk			In the country Mill. Fmk			Total Mill. Fmk		II	nthly ement	End of Month
	1935	1936	1937	1935	1936	1937	1935	1936	1937	1936	1937	}
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	[2 514.6] 2 555.5 2 575.9 2 615.1 2 624.0 2 632.7 2 632.7 2 646.8 2 655.3 2 659.3 2 670.7 2 761.8	2 793.9* 2 820.5* 2 859.5* 2 889.8* 2 901.5* 2 916.9* 2 942.0* 2 956.8* 2 980.0* 3 009.8*		2 269.5 2 297.1 2 316.2 2 334.7 2 339.3 2 344.2 2 345.5 2 336.0 2 325.0 2 331.2	2 440.9* 2 460.1* 2 485.6* 2 500.7* 2 520.7* 2 534.4* 2 545.7* 2 556.8* 2 609.4*	2 788.1*	4 845.4 4 912.2 4 940.2 4 967.4 4 972.0 5 000.8 4 994.0 4 984.3 5 001.9	5 234.8*			+ 64.0*	Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.

Deposits in the Savings Banks, including long-term deposits and current accounts, according to figures supplied by the Central Statistical Office.

1) Increased by 203.8 mill. Fmk interest for 1935.—
1) Increased by 223.7 mill. Fmk calculated interest for 1936.
The figures in brackets [ ] indicate the position at the end of the previous year.
1) Preliminary figures subject to minor alterations.

# 13. - DEPOSITS IN POST OFFICE SAVINGS BANK AND IN CO-OPERATIVE CREDIT SOCIETIES.

End of Month		Savings	Post Off Bank <sup>1</sup> ) Fmk	ice	II .	thly ment	De	Credit S	Co-operatocieties 2)		Mont Moven	-	End of Month
	1934	1935	1936	1937	1936	1937					1936	1937	
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	[327.1] 329.7 333.3 337.2 338.5 338.6 339.5 341.4 343.2 344.6 344.9 \$)355.9	358.0 361.3 365.1 364.3 363.1 362.7 364.5 365.4 364.5	378.3* 380.9* 383.8* 384.1* 382.5* 384.6* 387.9* 387.9*	403.8* 408.4*		+ 2.4* + 4.6*	[452.8] 459.1 465.6 482.4 489.7 493.3 503.0 504.1 506.2 504.8 507.2 511.8 521.8	529.6 539.0 554.7 565.9 572.7 585.1 592.6 595.7 597.3 596.7 603.4 615.7	621.2 635.1 655.9 667.9 674.9 693.8 703.1 713.9 725.0 741.6 763.2 793.7*	815.6	+ 5.5 + 13.9 + 20.8 + 12.0 + 7.0 + 18.9 + 10.8 + 11.1 + 16.6 + 21.6 + 30.5*	+21.9	Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.

1) According to Finnish Official Statistics VII. D, Bank Statistics.— 3) Figures supplied by the Central Bank for Co-operative Agricultural Credit Societies.— 3) Increased by 13.4 mill. Fmk interest for 1934.— 4) Increased by 13.8 mill. Fmk interest for 1935.— 5) Increased by 14.0 mill. Fmk interest for 1936.

#### 14. — DEPOSITS IN CONSUMERS' CO-OPERATIVE SOCIETIES.

# 15. — INSURANCES IN LIFE ASSURANCE COMPANIES.

	Pt -	its on Sa	-	Mor	nthly			New risl	ks accepted			[
End of Month	II -	Accounts Mill. Fml			ment	1	935	19	936	19	37	End of Month
	1935	1936	1937	1936	1937	Number	Amount Mill. Fmk	Number	Amount Mill. Fmk	Number	Amount Mill. Fmk	
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	[420.8] 427.9 436.7 447.0 450.9 449.8 455.9 455.2 453.5 452.0 447.8 446.9 450.4	456.0 464.3 475.0 478.6 476.7 484.2 484.5 485.8 487.2 490.7 496.4 504.6	515.6 529.6		+ 11.0 + 14.0	6 827 8 479 11 395 9 540 9 812 9 112 6 569 7 663 8 624 11 194 13 240 31 280	392.2	9 792* 10 586* 14 063*	63.9* 85.7* 104.6* 95.9* 94.5* 74.9* 89.7* 114.1* 122.0* 128.9* 194.6*	6 915* 8 457*	84.6* 109.8*	Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.
operative	ccording Wholesale	to data si Society a	upplied b	y the Fin	nish Co- Whole-	133 735 15 306	1 713.1 191.7	100 605* 12 284*		15 372*	194.4*	Total JanFebr.

operative Wholesale Society and the Co-operative Wholesale Association. Interest added to capital in June and December.

According to information supplied by the Finnish Life Assurance Companies.

# 16. - CHANGES IN NUMBER AND CAPITAL OF LIMITED COMPANIES.

Year and	11	ip <b>ani</b> es inded		ase of pital		panies idated	-	anies with ed capital	H	ction (—)	Year and			
Quarter	Num- ber	Capital Mill. Fmk	Num- ber	Mill. Fmk	Num- ber	Capital Mill. Fmk	Num- ber	Reduction of capital Mill. Fmk	Num- ber	Capital Mill. Fmk	Quarter			
1934 1935 1936	624 600 679	129.6 92.9 246.5	166 203 218	156.5 242.5 356.6	153 136 117	145.7 49.9 58.3	22 24 21	201.9 23.3 37.3	+471 +464 +562	$ \begin{array}{r} -61.5 \\ +262.2 \\ +507.5 \end{array} $	1934 1935 1936			
1935 Jan.—March April—June July—Sept. Oct.—Dec.	155 143 123 179	18.5 21.5 30.5 22.4	61 60 25 57	28.2 110.5 63.4 40.4	36 52 23 25	18.2 17.9 7.4 6.4	10 6 3 5	12.4 5.4 1.5 4.0	$+119 \\ +91 \\ +100 \\ +154$	+108.7 + 85.0	1935 Jan.—March April—June July—Sept. Oct.—Dec.			
1936 Jan.—March April—June July—Sept. Oct.—Dec.	205 159 145 170	161.3 20.8 25.3 39.1	58 49 . 40 . 71	120.3 50.3 114.4 71.6	31 34 23 29	22.0 19.6 9.1 7.6	6 6 3 6	12.0 7.0 5.6 12.7	$+174 \\ +125 \\ +122 \\ +141$	$+44.5 \\ +125.0$	1936 Jan.—March April—June July—Sept. Oct.—Dec.			

Figures supplied by the Central Statistical Office.

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

\* Preliminary figures subject to minor alterations.

# 17. - STOCK EXCHANGE. BANKRUPTCIES. PROTESTED BILLS.

j		over of		Ban	kruptei	es ²)			Pro	tested I	Bills *)				
Month		xchange Mill. Fm			Number	:		Nun	nber				ount Fmk		Month
	1935	1936	1937	1935	1936	1937	1934	1935	1936	1937	1934	1935	1936	1937	l
Januarv	30.1	21.2	70.3	83	56	47	401	251	313	155	3.1	1.0	1.1	0.7	January
February	28.0	39.8	83.5	54	54	**	350	182	320	141	1.8	0.7	0.6		February
March	25.8	33.4	00.0	57	50		395	216	240		1.5	1.0	1.0		March
April	19.2	39.1		63	52		352	283	241		1.5	6.8	0.9		April
May	17.4	28.2		69	55		405	282	245		1.4	5.2	1.1		May
June	12.2	25.8	ľ	60	42	'	384	226	242		1.3	3.1	1.1		June
July	16.8	47.2		47	39		363	224	261		1.4	1.1	0.9		July
August	13.6	24.2		51	37		325	198	257		2.0	0.5	0.8		August
September	17.7	38.3		46	56		263	197	262		1.4	0.7	1.1		September
October	17.3	45.7		66	47		305	213	281		1.6	1.0	1.2		October
November	18.5	38.9		71	60	1	228	230	172		1.0	1.3	0.5		November
December	18.0	54.5		57	46		242	258	149		0.8	1.1	0.5		December
Total JanFebr.	234.6 58.1	436.3 61.0	153.8	724	594		4 013 751	2 760 433	2 983 633	296	18.8 4.9	23.5 1.7	10.8 1.7		Total JanFebr.

¹) According to data supplied by the Stock Exchange Committee. — ¹) Preliminary figures compiled by the Central Statistical Office from the reports sent in by the various Courts including all bankruptcy petitions, of which only about half will lead in due course to actual bankruptcy. — ²) Preliminary figures published in the \*Report of Bills Protested in Finland\*

#### 18. — STOCK EXCHANGE INDEX. 1926-100.

			Shares					Bonds			
Month	1933	1934	1935	1936	1937	1933	1934	1935	1936	1937	Month
January February March April May June July August September October November December	97 95 100 103 103 105 106 109 115 113 113 123	127 124 126 130 131 131 132 138 138 137 141	142 143 140 143 143 143 146 147 143 143 144	147 150 156 160 161 162 169 175 179 179	200 213	98 99 101 102 104 107 110 110 111 111 1113 115	118 120 120 122 122 118 119 121 121 121 124 124	125 125 125 125 125 125 126 126 125 125	125 125 126 126 127 128 128 128 128	128 128	January February March April May June July August September October November

<sup>\*</sup>Unitas\* index based on the prices quoted for the shares of 12 banks and industrial firms and for the bonds belonging to 14 State, Municipal and other bond loans.

#### 19. — PUBLIC DEBT.

End of			Acc		the Finan ill. Fmk ¹)		nts	-			viss Fres. 3) gold Fres.)	End of
Year and Month	F	unded Del	ot	Sho	rt-term Cr	edit	Tot	al Public	Debt	Total	Yearly and	Year and Month
	Foreign	Internal	Total	Foreign	Internal	Total	Foreign	Internal	Total	Public Debt	Monthly Movement	
1934 1935 1936 1936 Febr.	2 282.6 1 852.0 1 128.7 1 621.5	990.7 1 180.8 1 852.7	3 273.3 3 032.8 2 981.4 2 897.8	59.0 56.5 56.5	49.5 76.7 81.3	133.2 137.8	2 341.6 1 908.5 1 185.2	1 257.5 1 934.0	3 381.8 3 166.0 3 119.2 3 034.0	268.8 252.3	— 16.5	1934 1935 1936 1936 Febr.
1937 Jan. Febr.	1 043.1 1 043.0	1 848.6 1 837.9	2 891.7 2 880.9		132.6 135.1		1 099.6 1 099.5					1937 Jan. Febr.

<sup>1)</sup> According to data supplied by the Treasury. Internal loans are given at their nominal value and foreign loans in Finnish currency according to the rates ruling on the dates of the issue of the loans.—\*) Calculated as follows: the outstanding amounts of both internal and foreign loans have been converted into Swiss Francs at the monthly average rates of exchange of the respective currencies. From September. 1936, the amounts have been converted into Swiss Francs of former gold value, in order to eliminate the influence of fluctuating currencies.

Preliminary figures subject to minor alterations.

#### 20. — STATE REVENUE AND EXPENDITURE.

			Curr	ent rev	enue¹) de	rived fr	om		Princi-	E	<b>xpenditu</b>	ıre	}
Month	Total revenue	o m d	Excise on spirits, wines, etc.	Stamp duty	Interest and Divi- dends	State Rail- ways <sup>2</sup> )	Posts and Tele- graphs <sup>s</sup> )	State Forests <sup>a</sup> )	pal capital reve- nue	Total	Current	Capital	Month
				N	till. Fmk						Mill. Fm	ık	<u> </u>
													}
1936 January	313.1	1.7	_	16.8	3.9	14.5	7.7	72.6	18.4	272.4	166.5	105.9	1936 January
1937 January	367.0	1.2	_	16.1	3.1	18.9	8.9	132.3	22.5	348.0	183.8	164.2	1937 January
1937 Budget	4 683.7	620.0	139.5	194.0	265.3	146.5	50.4	135.3	966.9	4 680.5	2 912.3	1 768.2	1937 Budget

Preliminary figures compiled by the Treasury from the monthly accounts.

1) The current revenue derived from Customs duty, and other State receipts collected by the Customs are specified in table 21 below. — 1) The figures given refer to net revenue.

# 21. - STATE RECEIPTS COLLECTED BY THE CUSTOMS.

		Customs	duty on		Excise on					
Month	Total Receipts	Imported goods incl. storage charges	Exported goods	Tobacco	Matches	Sweets	Fines	Light Dues	Resti- tutions	Month
		-		1 000 E	mk				1000 Fmk	
1936 January February JanFebr.	136 484 117 601 254 085	134 003 115 928 249 931	20 27 47	· =	_ 		27 25 52	1 441 1 002 2 443	5 775 6 826 12 601	1936 January February JanFebr.
1937 Januar y February JanFebr.	174 003 129 967 303 970	150 663 107 994 258 656	13 28 41	15 992 15 255 31 247	1 251 1 626 2 877	1 988 1 520 3 508	43 20 64	1 650 1 060 2 710	3 383 5 169 8 552	1937 January February JanFebr.
1937 Budget	· _	1 585 000	1 000	_		. —	_	29 000	_	1937 Budget

Tables 21-29 according to Finnish Official Statistics I, A, Foreign Trade of Finland, Monthly Reports.

# 22. - VALUE OF IMPORTS AND EXPORTS.

Month		Imports (c. i. f.) Mill. Fmk			Exports (f. o. b.) Mill. Fmk			s of Impor or Exports ( Mill. Fmk		Month
	1935	1936	1937	1935	1936	1937	1935	1936	1937	
January February March April May June July August September October November December	344.4 292.9 383.1 403.1 506.8 472.7 487.1 457.3 468.0 557.1 526.5	461.2* 370.9* 394.9* 469.4* 564.2* 559.9* 566.5* 527.5* 616.8* 637.7* 573.6*	525.3* 504.5*	362.4 290.4 320.5 347.6 441.4 612.4 712.5 723.3 601.3 621.8 576.6 630.3	437.0* 360.5* 399.8* 398.5* 573.7* 703.7* 820.7* 761.5* 712.4* 794.3* 662.2* 590.8*	484.8* 383.8*	+ 18.0 - 2.5 - 62.6 - 55.5 - 65.4 + 139.7 + 225.4 + 266.0 + 133.3 + 64.7 + 50.1 + 184.9	- 24.2* - 10.4* + 4.9* - 70.9* + 9.5* + 143.8* + 254.2* + 211.4* + 111.4* + 177.7* + 24.5* + 17.2*		January February March April May June July August September October November December
Total JanFebr.		6 343.4* 832.1*	1 029.8*	6 240.5 652.8	7 215.1* 797.5*	868.6*	+896.1 + 15.5	+ 871.7* - 34.6*	<b>— 161.2*</b>	Total JanFebr.

The term *imports* covers all imported goods which are 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 Customs by their owner, who must at the same time state the value of the goods as calculated at the frontiers of the country.

\* Preliminary figures subject to minor attentions.

23. — VALUE OF IMPORTS AND EXPORTS IN DIFFERENT CLASSES OF GOODS.\*

of class	Classes of Goods			(c.	nports i. f.) l. Fmk					(f. c	ports ), b.) Fmk		
Š.		Febr.	Jan.	Febr.	Janua	ry—Feb	ruary	Febr.	Jan.	Febr.	Janua	ry—Febr	uary
		1937	1937	1936	1937	1936	1935	1937	1937	1936	1937	1936	1935
1 2 3 4 5	Live animals	0.1 1.8 56.8 27.3	1.2 2.0 52.0 18.2	0.0 1.5 32.5 29.1	1.2 3.8 108.8 45.4 21.9	0.1 3.2 74.7 53.6	0.2 3.5 30.4 30.9		0.2 47.6 0.3 0.1	0.4 47.5 0.0 0.7	0.2 98.1 0.3 0.4	0.8 93.9 0.0 0.9	0.9 72.3 0.7 5.1
6 7	Colonial produce and spices Preserves, in hermetically	33.2	44.4	31.7	77.5 0.8	84.3	63.2	0.2	0.1	0.2	0.3	0.4	0.2
11 12 13	sealed packages Beverages Spinning materials Yarns and ropes Cloth Various textile products Timber and wooden articles Bark, cane, branches or	4.9 35.3 15.9 34.9 9.6 2.3	3.0 37.8 15.0 26.8 7.4 1.7	4.0 34.1 11.0 22.6 7.9 3.5	7.9 73.1 31.0 61.8	0.5 8.8 64.5 24.8 43.6 13.9 8.8	0.4 6.4 50.0 21.6 41.0 12.7 2.6	0.0 0.9 6.6 5.1 0.8 61.6	0.1 0.0 0.6 6.8 3.7 1.1 111.2	0.1 0.0 0.7 6.2 4.8 0.2 69.9	0.1 0.0 1.4 13.5 8.8 1.8 172.9	0.1 0.0 1.5 9.0 7.6 0.7 198.2	0.1 0.0 1.4 5.7 4.6 0.5 145.3
	twigs, and articles made from same Pulp, cardboard and paper, and articles made from	2.9	1.9	2.1	4.8	4.2	2.4	0.2	0.1	0.2	0.3	0.4	0.1
16	same	2.1	1.8	1.4	3.9	3.3	3.8	201.9	254.8	197.2	456.7	421.5	348.3
17	specifically mentioned and articles made from same Hides and skins, leather-	2.3	2.2	1.6	4.5	3.6	3.7	0.2	0.2	0.2	0.4	0.5	0.5
19 20	goods, furs, etc.  Metals and metal goods  Machinery and apparatus  Means of transport	13.0 67.4 48.6 39.0	15.0 85.1 42.5 36.1	12.4 52.6 31.6 17.3	28.0 152.5 91.1 75.1	30.1 131.1 67.9 31.6	25.6 84.4 66.0 19.6	15.1 16.1 2.7 0.1	13.1 14.7 2.4 0.0	11.4 5.7 1.4 0.0	28.2 30.8 5.1 0.1	20.9 9.8 2.5 0.1	17.4 15.9 5.9 1.8
	Musical instruments, instru- ments, clocks and watches Minerals and articles made	4.7	4.1	3.6	8.8	6.1	5.3	0.0	0.0	0.0	0.1	0.0	0.0
1	from same	13.8	22.6	9.9	36.4	30.2	22.9	5.4	8.9	5.6	14.3	12.3	9.3
24	and products of same  Oils, fats and waxes, and products of same	10.9 25.7	13.3 32.2	8.2 18.3	57.8	20.0 44.3	18.5 34.9	1.2 0.6	1.6 0.8	1.3 0.7	2.9 1.4	2.6 1.2	2.4 0.2
25	Ethers, alcohols not specifically described, volatile oils, cosmetics, etc	1.2	1.0	1.1	2.3	1.8	1.7	0.0	0.3	0.2	0.3	0.6	
26 27	Colours and dyes Explosives, fire-arms and materials, fuses and fire-	6.8	6.3	4.4	13.1	8.5	8.7	0.0	0.2	0.0	0.2	0.1	0.3
28	works		18.2	8.1	1.0	1.2	0.8	1.7	2.6	1.1	4.3	2.3	2.5
29 30	drugs Fertilizers Literature and works of art, educational materials,	14.2 3.4	2.3	2.4	32.4 5.7	22.4 6.5	20.2 6.5	0.8	0.5 0.0	0.6 0.0	1.2 0.0	1.6 0.0	1.5
31	office fittings, etc Articles not specified else-	5.8	4.0	4.2	9.8	8.4	8.1	0.3	0.4	0.3	0.7	0.8	0.4
	where Total	9.4	14.8   525.3	5.0   370.9	$24.2$ $1\ 029.8$	11.9 832.1	24.5 637.3	0.6 373.2	0.6 473.0	0.6   357.5	1.2 846.1	792.0	$\frac{0.7}{642.3}$
	Re-exports				1 029.8			10.6	11.8	360.5	22.5	5.5	10.5

<sup>\*</sup> Preliminary figures subject to minor alterations.

# 24. — IMPORTS OF THE MOST IMPORTANT ARTICLES.

Month		Rye Tons			Wheat Tons		Wheat	ten Flour an of Wheat Tons	d Grain	Month
	1935	1936	1937	1935	1936	1937	1935	1936	1937	
January February March April May June July August September October November December	145.8 312.8 390.0 673.4 1 489.4 6 954.5 6 923.9 2 664.8 402.0 4 209.4 2 396.1 49.1	5 918.9* 6 885.8* 8 700.6* 10 060.7* 13 330.9* 9 260.6* 4 369.4* 974.8* 2 707.7* 3 264.3* 607.8*	10 347.2* 8 977.8*	1 627.7 1 810.9 2 553.7 4 395.5 9 186.7 8 029.0 6 794.6 4 623.6 6 727.3 6 242.6 5 764.7 1 490.0	6 621.7* 3 955.6* 6 392.6* 6 392.6* 6 200.3* 8 719.2* 8 985.6* 8 772.5* 4 83.1* 4 000.6* 3 335.1* 2 933.5*	6 885.1* 7 193.7*	2 859.8 3 006.2 3 137.5 3 607.3 3 344.3 3 462.5 3 177.3 2 554.5 2 973.1 1 571.1 895.6	3 934.2* 2 094.6* 1 999.1* 2 516.2* 3 021.1* 2 987.3* 3 437.7* 2 489.4* 1 176.8* 1 209.5* 1 363.4*	2 356.3* 1 260.3*	January February March April May June July August September October November December
Total JanFebr.		66 826.0* 12 804.7*	19 325.0*		73 074.2* 10 577.3*		34 989.5 7 260.1	27 778.7* 6 028.8*	3 616.6*	Total JanFebr.

Month	Rice	and Grain e	f Rice		Bran Tons		]	Raw Hides Tons		Month
	1935	1936	1937	1935	1936	1937	1935	1936	1937	<u> </u>
January February March April May June July August September October November December	969.3 764.7 1 008.3 466.1 2 669.6 1 918.6 482.1 444.2 1 176.3 2 706.5 1 176.3	1 006.1* 710.1* 811.0* 811.0* 1 372.1* 1 067.4* 2 206.4* 1 084.3* 1 439.2* 1 386.7* 1 598.5* 1 646.8*	1 677.3* 1 174.4*	3 888.1 4 321.8 4 013.0 45.4 377.7 1 078.0 1 961.5 3 133.8 2 830.2 3 378.7 4 173.9 213.5	6 948.9* 6 742.4* 7 849.8* 8 458.3* 5 391.7* 3 623.2* 2 202.5* 2 815.0* 1 986.7.5* 3 009.1* 2 114.2*	2 757.8* 4 994.1*	968.6 656.6 857.3 922.5 707.2 1 138.7 811.7 491.7 636.0 827.6 974.1	1 007.3* 705.6* 528.8* 400.9* 501.8* 423.8* 646.5* 475.5* 425.1* 600.4* 890.9*	654.2* 561.6*	January February March April May June July August September October November December
Total JanFebr.			2 851.7*		53 768.8* 13 691.3*	7 751.9*	10 084.6 1 625.2	7 231.7* 1 712.9*	1 215.8*	Total JanFebr.

Month		Coffee Tons		Refi	Sugar ned and Unre Tons	fined	R	aw Tobacc Tons	0	Month
	1935	1936	1937	1935	1936	1937	1935	1936	1937	
January February March April May June July August September October November December	1 807.5 1 372.3 1 567.9 1 552.4 1 751.2 1 470.9 1 563.7 1 474.4 1 584.7 1 853.1 995.1	3 255.3* 1 584.2* 1 611.0* 1 548.0* 1 639.0* 1 880.7* 1 676.6* 2 164.6* 2 014.2* 1 828.3* 790.4*	2 697.2* 1 651.8*	6 553.0 3 560.5 5 972.5 7 222.0 7 732.5 7 969.3 10 137.2 9 183.8 7 750.6 7 899.2 3 938.4 1 332.0	9 536.4* 6 409.8* 7 318.0* 8 205.8* 9 896.2* 10 782.9* 17 065.4* 13 197.9* 5 304.3* 3 458.1* 10 563.7* 6 030.9*	5 412.4* 3 917.2*	246.0 220.3 207.6 225.1 238.1 260.6 168.2 273.5 273.5 273.5 273.5 273.5	272.2* 248.5* 271.6* 242.7* 257.2* 288.3* 214.6* 297.7* 291.7* 287.9* 287.9* 261.6* 184.6*	300.6* 278.7*	January February March April May June July August September October November December
Total JanFebr.		21 855.4 4 839.5*	4 349.0*		107 769.4* 15 946.2*	9 329.6*	2 881.1 466.3	3 108.6* 520.7*	579.3*	Total JanFebr.

<sup>\*</sup> Preliminary figures subject to minor alterations.

# 24. — IMPORTS OF THE MOST IMPORTANT ARTICLES. — Continued.

Month	_	Pig Iron Tons		Hot rol	led and Sho Tons	et Iron	C	oal and Coke Tons		Month
	1935	1936	1937	1935	1936	1937	1935	1936	1937	
January February March April May June July August September October November December	4 351.4 5 084.7	531.6* 158.7* 1090.9* 2854.3* 3133.5* 4146.3* 4030.4* 3298.1* 5665.3*	848.1*	3 340.9 4 911.2 6 928.6 13 059.1 10 980.8 10 917.0 10 217.7 8 587.7 10 922.2 8 351.3	7 755.9* 3 411.9* 2 834.2* 4 675.7* 10 231.2* 10 501.7* 11 515.9* 11 954.6* 15 447.6* 13 833.3* 12 563.6*	13 510.6* 5 744.9*	23 850.9 10 467.0 22 693.9 46 843.6 106 967.6 132 121.0 149 823.7 132 621.5 139 064.1 168 919.2 197 480.5 90 790.6	59 073.9* 23 717.6* 7 534.0* 85 262.4* 158 050.0* 165 136.4* 205 988.3* 206 456.8* 242 943.8* 270 859.1* 183 071.4* 115 613.0*		January February March April May June July August September October November December
Total JanFebr.		38 763.1* 3 130.1*			116 712.9* 11 167.8*	19 255.5*	1 221 643.6 34 317.9	1 723 706.7* 82 791.5*	93 209.6*	Total JanFebr.

Month		Raw Cotton Tons	1		Wool Tons				Month	
	1935	1936	1937	1937 1935		1937	1935	1936	1937	
January February March April May June July August September October November December	1 463.7 512.9 643.6 921.6 874.9 467.0 907.8 735.8 859.1 1 340.9 1 395.8 2 396.1	1 257.9* 1 059.7* 815.3* 593.3* 626.6* 715.6* 876.8* 683.4* 873.4* 1 240.6* 1 137.9* 2 993.2*	993.1* 878.7*	179.9 207.2 231.9 197.3 207.4 199.4 203.0 223.8 218.2 256.3 179.8 116.3	190.5* 275.9* 232.5* 246.4* 211.8* 216.4* 202.7* 233.9* 330.8* 221.2* 241.5*	239.3* 260.0*	5 087.6 4 392.1 4 770.1 5 760.0 6 804.9 7 469.3 9 390.1 7 778.8 6 914.7 6 137.8 4 449.7	5 580.7* 4 930.1* 4 992.7* 4 985.5* 7 629.7* 10 595.6* 9 346.0* 8 390.4* 8 599.0* 7 116.2* 5 766.2*		January February March April May June July August September October November December
Total JanFebr.	12 519.2 1 976.6	12 873.7* 2 317.6*	1 871.8*	2 420.5 387.1	2 840.4* 466.4*	499.3*	76 609.7 9 479.7	86 831.7* 10 510.8*	14 520.1*	Total JanFebr.

# 25. — EXPORTS OF THE MOST IMPORTANT ARTICLES.

Month		Meat All kinds Tons			Butter Tons				Month	
	1935	1936	1937	1935	1936	1937	1935	1936	1937	
January February March April May June July August August October November December	428.2 453.0 335.7 283.1 321.9 336.3 397.8 318.3 373.7 557.7 756.8 1 154.6	687.4* 702.4* 771.9* 455.1* 312.0* 257.1* 269.0* 174.5* 314.5* 489.9* 496.6* 643.7*	619.8* 631.7*	856.9 857.8 993.1 1 103.2 767.3 839.6 893.5 811.1 787.9 823.8 847.1 661.6	942.6* 1 115.4* 1 244.6* 1 207.0* 1 117.3* 1 263.9* 1 440.7* 1 038.3* 1 114.3* 1 186.8* 1 088.0* 1 228.3*	1 345.8* 1 114.3*	332.9 360.2 353.3 345.4 290.7 349.6 192.6 454.3 330.0 523.4 401.6 314.2	247.1* 381.6* 519.8* 590.7* 418.5* 342.9* 398.8* 453.2* 454.4* 493.4* 414.3* 418.2*	565.9*	January February March April May June July August September October November December
Total JanFebr.		5 574.1* 1 389.8*	1 251.5*	10 242.9 1 714.7	13 987.2* 2 058.0*	2 460.1*	4 248.2 693.1	4 927.9* 628.7*		Total JanFebr.

<sup>•</sup> Preliminary figures subject to minor alterations.

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

Month	1	Raw Hides Tons			Round Timber (All kinds excl. fuel) 1 000 m²			Sawn Timber All kinds 1 000 standards			
	1935	1936	1937	1935	1936	1937	1935	1936	1937		
January February March April May June July August September October November December	362.6 254.9 344.3 213.9 313.0 319.3 221.5 263.7 268.4 393.3 499.5 321.9	355.1* 405.4* 378.0* 360.6* 482.7* 352.9* 274.3* 302.1* 537.6* 595.1* 667.4*	484.7* 470.0*	54.4 34.9 22.4 54.4 319.8 468.7 700.4 684.2 513.6 328.1 153.0 77.7	64.5* 22.5* 29.8* 46.1* 300.5* 489.9* 650.7* 663.9* 535.1* 231.1* 85.1*	27.4* 2.5*	23.8 10.7 8.4 23.9 57.7 141.3 177.7 166.8 109.6 108.6 107.9	43.3* 15.6* 12.1* 26.4* 60.7* 164.3* 191.7* 153.3* 136.0* 156.7* 79.5* 60.5*	28.2* 8.2*	January February March April May June July August September October November December	
Total JanFebr.	3 776.3 617.5	5 043.8* 760.5*	954.7*	3 411.6 89.3	3 443.1* 87.0*	29.9*	1 041.5 34.5	1 100.1* 58.9*	36.4*	Total JanFebr.	

<sup>1</sup> standard sawn timber = 4.672 m<sup>3</sup>.

Month		Plywood Tons			Matches Tons			Bobbins Tons		Month
	1935	1936	1937	1935	1936	1937	1935	1936	1937	
January	9 916.7		11 588.6*	204.0	184.4*	275.3*	456.9	637.6*		January
February	9 642.3		11 250.6*	147.1	162.3*	273.4*	329.1	549.1*	395.2*	February
March	10 704.8		! !}	114.7	151.0*	ł	677.2	481.5*		March
April	9 977.3		l II	115.7	117.1*		620.8	591.6*		April
May	9 802.1	13 555.5*	\ \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	110.3	161.2*		502.3	550.5*		May
June	10 949.1	10 393.1*		155.3	128.3*	i	416.7	461.4*		June
July	8 386.5	11 051.2*		186.2	142.2*		480.0	457.9*		July
August	10 440.6	11 732.1*		140.3	142.5*	l	534.7	518.8*		August
September	10 883.8	11 770.3*	1	138.5	226.2*	ļ	540.1	371.0*		Septembe
October	12 744.5		ı II	193.6	282.8*		480.0	455.1*		October
November	12 675.2		l li	200.7	266.8*		591.1	644.7*		Novembe
December		13 599.1*	ļ	184.9	213.5*		422.0	559.0*		Decembe
		146 091.1*		1 891.3	2 178.3*		6 050.9	6 278.2*		Total
JanFebr.	19 559.0	22 366.7*	22 839.2*	351.1	346.7*	548.7*	786.0	1 186.7*	881.5*	JanFeb

Month	Me	chanical Pu Tons	ւկը <sup>1</sup> )	Sul	phite Cellul Tons	ose	Su	lphate Cellu Tons	lose	Month
	1935	1936	1937	1935	1936	1937	1935	1936	1937	
January February March April May June July August September October November December	33 997.8 24 188.5	23 482.4* 21 758.4* 30 359.7* 20 856.2* 22 822.9* 20 668.0* 21 261.8* 26 132.9* 18 723.2*	20 004.2* 16 998.3*		54 462.4* 48 438.7* 55 870.2* 54 628.4* 72 010.3* 57 038.3* 64 694.3* 71 758.4* 64 031.1* 72 739.8* 66 227.7*			28 318.5* 23 260.1* 25 532.7* 23 766.7* 28 766.2* 24 216.8* 31 275.0* 24 032.6* 21 561.3* 31 005.8* 30 308.6* 31 253.2*		January February March April May June July August September October November December
Total	289 835.9	277 676.2* 47 020.3*		688 683.7	757 637.2* 102 901.1*		235 198.7	323 237.5* 51 578.6*		Total

Dry weight.
 Preliminary figures subject to minor alterations.

# 25. - EXPORTS OF THE MOST IMPORTANT ARTICLES. - Continued.

Month		Cardboard Tons			Paper All Kinds Tons		(Included	Newsprint I in previous Tons	column)	Month
	1935	1936	1937	1935	1936	1937	1935	1936	1937	
January February March April May June July August September October November December	5 278.3 4 998.0 5 375.1 4 718.3 5 450.5 5 129.1 5 152.2 5 270.4 5 280.9 6 614.8 6 936.6	5 634.7* 4 589.2* 6 009.9* 4 916.8* 5 575.0* 5 502.9* 6 093.5* 6 175.8* 7 073.8* 7 606.6*	6 257.7* 5 297.9*	25 217.5 30 965.7 32 231.9 29 306.5 29 783.0 28 403.8 32 488.5 31 152.9 37 170.2 36 370.7 31 421.4	36 404.7* 31 355.2* 37 736.4* 34 538.7* 38 856.0* 35 323.7* 37 152.1* 40 568.5* 40 568.5* 41 991.0* 42 217.7*		18 960.3 21 982.7 24 402.1 21 911.3 22 408.2 20 842.9 24 719.6 23 527.3 28 261.0 27 446.8 22 383.0	27 817.5* 23 941.4* 28 986.7* 26 592.5* 29 632.9* 26 599.3* 27 656.5* 28 222.5* 30 704.9* 32 016.4* 31 166.0*	31 457.6* 26 404.6*	February March April May June July August September October November December
Total JanFebr.		72 691.7* 10 223.9*	11 555.6*		453 103.6* 67 759.9*		280 459.1 42 574.2	342 134.2 <b>*</b> 51 758.9*	57 862.2*	Total JanFebr.

# 26. - FOREIGN TRADE WITH VARIOUS COUNTRIES.

			Imports (c. i. f.)	·		· · · · · ·		Exports (f. o. b.)		
Country	Janu	ary—Febr	nary	Whole	Year	Janu	ary—Febr	iary	Whole	Year
	19	37	1936	1936	1935	195	37	1936	1936	1935
Europe:	Mill. Fmk	%	%	%	%	Mill. Fmk	%	%	%	%
Belgium	52.0	5.0	4.0	4.7	4.2	28.6	3.3	3.0	5.1	5.7
Denmark	66.3	6.4	5.1	4.4	4.2	16.4	1.9	2.2	3.3	3.4
Estonia	19.8	1.9	1.5	1.4	1.8	13.3	1.5	0.6	0.5	0.6
France	15.9	1.6	2.2	2.4	2.6	47.8	5.5	3.8	4.2	4.5
Germany	194.1	18.9	17.6	18.9	20.4	109.4	12.6	10.5	9.9	9.6
Great Britain	173 8	16.9	22.1	23.6	24.1	360.5	41.5	48.2	47.9	46.7
Holland	55.3 13.8	5.4 1.3	3.5	3.9	3.7	16.5 7.4	1.9	$\frac{1.2}{1.6}$	2.8	2.9
Italy	15.8 4.2	0.4	0.2 0.8	0.3 0.8	1.0 0.3	0.9	0.9 0.1	0.0	0.8 0.1	$\begin{array}{c} 1.7 \\ 0.1 \end{array}$
Latvia	29 6	2.9	1.7	2.0	1.8	19.7	2.3	1.9	1.3	1.2
Norway Poland (and Danzig)	38.4	3.7	3.1	2.8	$\frac{1.5}{2.5}$	2.5	0.3	0.1	0.1	0.2
Russia	5.4	0.5	2.4	2.0	3.0	4.5	0.5	0.1	0.1	0.2
Sweden	123.1	12.0	11.7	12.1	11.3	62.1	7.1	6.0	5.5	4.9
Switzerland	12.8	1.2	1.0	1.1	1.4	7.8	0.9	0.3	0.4	0.2
Spain	2.0	0.2	0.7	0.5	0.6	0,1	0.0	0.4	0.2	0.9
Other European countries		4.1	3.9	3.9	3.1	13.8	1.6	1.4	2.0	1.8
Total Europe	848.3	82.4	81.5	84.8	86.0	711,3	81.9	81.6	84.6	85.2
Asia	18.9	1.8	1.6	1.2	1.1	31.0	3.6	2.2	2.1	1.6
Africa	1.4	0.1	0.1	0.1	0.1	11.2	1.3	1.8	2.1	2,2
United States Other States of North	86.3	8.4	8.5	8.2	7.6	88.6	10.2	12.2	9.2	9.1
America	10.2	1.0	0.9	1.1	1.0	0.9	0.1	0.1	0.1	0.2
South America	64.0	6.2	7.2	4.5	4.1	24.0	2.7	2.0	1.6	1.5
Australia	0.7	0.1	0.2	0.1	0.1	1.6	0.2	0.1	0.3	0.2
Grand Total	1 029.8	100.0	100.0	100.0	100.0	868.6	100.0	100.0	100.0	100.0

The country of import indicates the land in which goods were purchased, the country of export the land to which goods were sold.

\* Preliminary figures subject to minor alterations.

# 27. - VALUE INDICES OF IMPORTS.

Year and	Total <sup>1</sup> )		Group 1	(ndices1)			Details <sup>1</sup> )		m-4-12:	Year and
Month	All kinds	Foodstuffs	Raw ma- terials	Machinery	Industrial products	Cereals and their prod.	Sugar	Agricultur- al require- ments	Total*)	Month
1913	100	100	100	100	100	100	100	100	100	1926
1929 1930 1931 1932 1933 1934 1935 1936 1937 January	913 750 634 720 684 644 651 696	928 700 552 703 652 597 604 583	910 763 649 710 675 650 658 766	877 867 795 897 972 955 894 802	894 839 750 783 747 642 636 639	982 752 586 709 646 585 686 689	603 452 375 475 440 389 339 346	994 834 745 848 778 •721 740 776	95 82 70 79 75 73 76 77	1929 1930 1931 1932 1933 1934 1935 1936 1937 January
JanFebr. JanMarch JanApril JanMay JanJune JanJuly JanAug. JanSept. JanOct. JanNov. JanDec.	764	722	· 830	771	637	873	369	949	86	February March April May June July August September October November December

# 28. — VALUE INDICES OF EXPORTS.

Year and	Total <sup>1</sup> )				Details <sup>1</sup> )					Year and
Month	All kinds	Butter	Cheese	Sawn Timber	Round Timber	Mechanic- al pulp	Chemical pulp	Paper.	Total¹)	Month
1913	100	100	100	100	100	100	100	100	100	1926
1929 1930 1931 1932 1933 1934 1935 1936 1937 January JanFebr. JanMarch JanMay JanJune JanJuly	1 060 993 806 795 789 854 805 819	1 163 934 820 804 657 532 684 678	914 796 742 751 728 .698 774 805	1 071 1 031 801 798 865 1 017 861 940 1 137 1 157	1 472 1 449 1 228 1 033 994 1 105 1 177 1 176	1 155 1 180 997 979 906 951 825 879 1 037 1 153	1 064 1 016 801 909 794 830 830 834 925 906	796 760 691 678 609 553 544 537	96 90 75 73 71 76 73 74	1929 1930 1931 1932 1933 1934 1935 1936 1937 January February March April May June July
JanAug. JanSept. JanOct. JanNov. JanDec.		!								August September October November December

<sup>1)</sup> Base 1913 = 100; the indices are calculated by the Statistical Dept. of the Board of Customs in the following manner: after multiplying the quantities of imports and exports for the current year by the average price for the class of goods in question during the corresponding period of the basic year the values of imports and exports are calculated in percentage of the figures thus obtained.—

\*

Base 1926 = 100; the indices are calculated by \*Unitas\* according to the same main principles as above.

90	VALUME	INDEX	ΛÐ	TMIDODING	ANTO	EXPORTS.	1006 100
23. —	· VULLUME	LINDEA	U.F	IMEDIATE	AND	EXPUDIS.	Iazo = Iuo

3F41			Imports					Exports		,	Month
Month	1933	1934	1935	1936	1937	1933	1934	1935	1936	1937	- Мони
January February March April May June July August September October November December	85 84 88 73 94 94 102 104 97 94 102 90	129 130 123 115 122 117 127 113 105 110 109	145 136 141 118 117 119 129 123 113 128 124 110	197 173 148 136 132 143 161 139 142 131 144	199 202	127 193 192 156 130 145 120 113 111 108 115	206 234 212 182 165 166 116 128 110 111 120 168	251 233 229 200 165 143 119 133 117 123 137 195	307 295 286 229 164 137 139 132 144 147 184	318 293	January February March April May June July August September October November
Whole year JanFebr.	93 84	115 125	$126 \\ 137$	147 181	201	131 203	$\frac{142}{217}$	150 243	170 302	307	Whole year JanFebr.

\*Unitas\* index based on seasonally adjusted monthly figures. Although not exactly preliminary, the figures are sometimes subject to subsequent minor alterations.

30. — TOTAL SALES OF SOME WHOLESALE FIRMS.

			•							
Month				To	tal sal Mill. Fmk	e s	_			Month
	1929	1930	1931	1932	1933	1934	1935	1936	1937	
January February March April	239.1 257.3 277.0 335.8	206.2 214.9 264.9 298.6	152.9 151.2 205.3 227.4	143.8 141.0 183.4 220.6	176.0 176.8 222.6 239.9	220.1 212.4 258.8 267.7	235.1 230.7 282.2 290.0	265.0 259.4 302.5 321.6	337.9* 350.9*	January February March April
May June July August	302.7 271.4 291.5 299.9	277.7 234.9 243.2 257.1	220.7 203.0 202.6 200.4	219.2 210.3 227.3 241.0	249.7 230.1 234.1 246.1	258.7 258.4 241.0 272.7	297.6 265.7 283.0 301.4	328.9 292.1 307.3 334.5		May June July August
September October November December	293.3 299.3 229.0 214.5	250.7 247.8 247.2 185.2	204.4 265.9 236.7 193.3	227.4 218.5 213.7 180.7	241.2 231.3 221.1 199.7	253.0 254.3 234.8 212.4	309.8 340.7 285.5 222.4	338.0 351.8 309.2 302.3		September October November December
Total JanFebr.	3 310.8 496.4	2 928.4 421.1	2 463.8 304.1	2 426.9 284.8	2 668.6 352.8	2 944.3 432.5	3 344.1 465.8	3 712.6 524.4	688.8*	Total JanFebr.

According to data supplied by nine wholesale firms — either co-operative or limited liability companies — the total sales of which represent about  $^{1}/_{3}$  of the whole turnover of all wholesalers in Finland.

31. - VOLUME INDEX OF INDUSTRIAL PRODUCTION. 1926=100.

:			Tota:	l			Hom	e indu	stries			Expor	ting in	dustrie	8	
Month	1932	1933	1934	1935	1936	1932	1933	1934	1935	1936	1932	1933	1934	1935	1936	Month
January	100	104	132	148	160*	95	99	121	147	154*	107	110	145	150	168*	January
February	101	110	136	144	157*	95	107	126	142	146*	108	114	148	149		February
March	91	115	135	142	154*	85	113	129	142	144*	98	117	143	148	167*	March
April	105	114	141	146	153*	97	112	132	143	144*		116	153	150	163*	April
May	100	120	141	147	156*	96	118	133	143	147*	104	123	152	152	166*	May
June	99	117	145	133	144*	97	120	143	138	141*	102	114	148	127	148*	June
July	100	116	139	146	164*	98	107	129	153	164*		126	152	138	164*	July
August	101	121	147	143	157*	100	114	137	149	157*	101	130	160	136	157*	August
September	105	121	146	143	167*	105	115	131	148	168*	104	129	164	136	165*	September
October	102	116	143	153	166*	99.	112	136	160	175*	105	121	152	145	155*	October
November	105	115	141	154	161*	102	111	131	156	159*	109	121	154	152		November
December	110	115	133	151	170*	102	105	122	140	169*	119	126	149	165	171*	December
							i i		1		<u> </u>		<del></del>			
Whole year	100	115	140	146	160*	97	112	132	147	156*	106	121	151	148	164*	Whole ye

<sup>\*</sup>Unitas\* index based on seasonally adjusted monthly figures.

\* Preliminary figures subject to minor alterations.

#### 32. — FOREIGN SHIPPING.

			A	rrivals					S	ailings			
Month	Wit	h Cargo	In	Ballast	7	Cotal	Wit	h Cargo	In	Ballast	1	Cotal	Month
	Ves- sels	Reg. tons Net	Ves- sels	Reg. tons Net	Ves- sels	Reg. tons Net	Ves- sels	Reg. tons Net	Ves- sels	Reg. tons Net	Ves- sels	Reg. tons Net	
1987 Jan. Febr. March April May June July Aug. Sept. Oct. Nov.	221 165	154 227 132 729	75 46	64 250 54 738	296 211	218 477 187 467	297 194	240 995 172 894			312 200	247 930 177 037	1937 Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.
JanFebr. 1936	1		]		′			413 889			•	_	JanFebr 1936
JanFebr.	370	292 240	162	160 792	532	453 032	507	468 494	29	19 641	536	488 135	JanFeb

# 83. — PASSENGER TRAFFIC BETWEEN FINLAND AND FOREIGN COUNTRIES.

		Pass	engers arriv	ed			Pa	assengers le	ft	Ì	
Month	1935	19	936	19	937	1935	19	936	1	937	Month
	Total	Total	Of whom Foreigners	Total	Of whom Foreigners	Total	Total	Of whom Foreigners	Total	Of whom Foreigners	
Jan. Febr. March April May June July Aug. Sept. Oct. Nov.	1 822 1 703 1 918 2 377 4 405 14 854 21 605 16 426 5 503 3 463 2 398	2 062 2 149 2 194 3 275 7 153 19 235 25 626 19 873 6 172 3 342 2 548	1 288 1 281 1 308 1 719 4 836 12 876 20 374 14 036 4 031 1 995 1 550	2 533 1 867	1 582 1 162	1 827 1 727 2 082 2 638 3 865 12 793 17 536 18 927 5 542 3 693 2 525	2 237 2 275 2 302 3 650 6 946 15 506 23 731 21 274 7 003 3 366 2 713		2 820 2 316	1 600 1 157	Jan. Febr. March April My June July Aug. Sept. Oct. Nov.
Dec.	2 475	2746	1 523		<u> </u>	2 205	2 824				Dec.
Total JanFebr.	78 949 3 525	96 375 4 211	66 817 2 569	4 400	2 744	75 360 3 554	93 827 4 512	64 138 2 608	5 136	2 757	Total JanFebr

# 34. — STATE RAILWAYS.

Month	Weight	of Goods ported 1 000 Tons		Go	kilometr ods-truc Mill. Km	ks	(less Re	Revenue :-imburse Mill. Fm)	ments)		r Expend Mill, Fml		Month
	1935	1936	1937	1935	1936	1937	1935	1936	1937	1935	1936	1937	
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	1 002.2 1 039.8 1 031.1 937.5 1 122.6 1 055.6 1 165.7 1 078.7 962.2 999.8 1 019.4 919.5	1 002.8* 1 135.3* 1 113.1* 1 051.5* 1 156.5* 1 218.3* 1 253.3* 1 108.6* 1 091.4* 1 023.9* 1 039.3*	1 043.2*	55.1 57.1 61.3 53.3 60.0 57.7 63.7 57.6 54.1 52.6 54.0	54.9 66.4 73.7 59.7 61.0 61.5 65.1 59.8 58.6 55.5	59.8	66.2 63.3 71.3 69.8 70.8 74.2 81.5 75.7 68.2 70.4 66.8 74.8	68.4* 73.0* 79.7* 76.1* 75.5* 79.8* 86.1* 80.4* 76.8* 75.4* 70.6* 84.1*	74.0*	51.1 56.6 60.3 55.2 66.5 59.3 58.1 57.1 63.7 57.4 56.7 67.3	53.6* 59.8* 65.0* 56.8* 69.8* 70.7* 59.4* 60.5* 66.1* 60.6* 60.0* 72.3*	55.0*	Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.
Total	12 334.1	13 327.8*		686.2	735.8		853.0	925.9*		719.3	754.6*		Total

According to Monthly Statistics of the Finnish State Railways. \* Preliminary figures subject to minor alterations.

85. - WHOLESALE PRICE INDEX. 1926-100.

	L		Inde	x for a	goods	in Fir	nish '	wholes	ale tr	ade			Tota	al inde	x for	Tota	linde	x for	
Month	To	tal ind	lex		ducts ricultu			oducts e indu		Imp	orted g	aboo	_	orted : [c. i. f	-		rted g l. o. b		Month
	1935	1936	1937	1935	1936	1937	1935	1936	1937	1935	1936	1957	1935	1936	1937	1935	1936	1937	
Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.	90 90 90 90 90 90 90 91 92 91	90 91 91 90 90 91 91 92 93 94	98 101	75 76 75 74 75 78 77 77 79 78	79 81 81 78 76 78 79 79 78 81 81	84 88	93 93 93 93 93 93 93 94 94 94	93 93 93 93 94 94 95 96 96	99 102	94 94 93 93 93 93 92 92 93 94 94	93 92 93 93 92 91 92 93 94 97	102 105		87 87 87 86 86 87 89 91 93	103 106	77 77 76 74 73 72 72 72 73 74 75	77 78 79 79 80 82 85 88 92 93 95	105 111	Jan. Febr. March April May June July Aug. Sept. Oct. Nov. Dec.
Whole)	90	92		76	79		93	94		93	93		86	89		74	86		{Whole year

Calculated by the Central Statistical Office. The first group of indices refers to prices of goods appearing in local wholesale trade in Finland, whereas the indices for imported and exported goods refer to foreign trade prices. An indirect weighting has been applied, each class of goods being represented by the number of commodities corresponding to the calculated importance of this class in wholesale trade. The averages are arithmetical ones.

36. — COST OF LIVING INDEX.

	Old ser	ies. 1914	=100.				New	series.	1935=10	0.				
Month	T	otal indes	r -	Tot	al	Food	stuffs	Clot	hing	Re	ent	Ta	xes	Month
	1935	1936	1937	1936	1937	1936	1937	1936	1937	1936	1937	1936	1937	
Jan.	993	992	1 020	100	102	100	102	100	101	100	104	95	97	Jan.
Febr.	984	997			: . /	100	105				i .			Febr.
March	979	997				100								March
April	980	989		99	İ	98		100	Ì	100	ļ	95		April
May	974	983				96	l				l		ļ	May
June	983	984				97		i .				١.		June
July	996	988		99		98		100		100	1	95		July
Aug.	1 012	1 000	,			100	l				1		Į	Aug.
Sept.	1 010	1 004				99								Sept.
Oct.	1 021	1 008		101		100		100		104		95		Oct.
Nov.	1 020	1 013	J		! ]	101	]		J		l		)	Nov.
Dec.	1 012	1 018	j	•		101				•			1	Dec.
Whole)		998		100		99		100		101		95		Whole year

Calculated by the Research Office of the Ministry for Social Affairs according to monthly reports from 30 different centres. The index for the total cost of living is the average of the weighted group indices.

37. — BANK OF FINLAND CONSUMPTION PRICE INDEX. JULY 1931=100.

	Total	consump	tion		Inc	lex of sen	sitive pric	es			ex of rarel	У	
Month	p	rice index	ļ		All kinds		]	Foodstuffs		•	prices	i	Month
	1935	1936	1937	1935	1936	1937	1935	1936	1937	1935	1936	1937	
Jan.	99.8	100.s	101.3	106.6	106.8	108.1	110.2	110.6	112.5	85.7	86.5	87.2	Jan.
Febr.	99.5	100.8	103.0	105.9	107.6	110.9	109.1	111.9	116.5	86.0	86.5	86.9	Febr.
March	99.5	100.8	Ĭ.	105.8	107.6	i	109.1	111.1	1	86.0	86.5		March
April	99.3	99.5		105.6	105.5		109.2	107.6		86.0	86.5		April
May !	98.4	99.1	[]	104.2	104.9		106.9	106.7	ſ	86.3	86.5		May !
June	98.9	99.2	i i	104.8	105.3	ļ	107.9	107.3	Į	86.4	86.4		i June
July	100.5	99.5		107.1	105.7	1	111.7	108.3		86.5	86.4		July
Aug.	101.3	99.8	ĺ	108.4	106.5		113.9	109.7	(	86.5	86.4		Aug.
Sept.	100.9	99.3	į.	107.7	105.8	i i	112.4	108.5		86.5	86.4		Sept.
Oct.	101.8	100.5	li	109.1	106.9		114.7	110.4		86.5	87.4		Oct.
Nov.	102.0	100.8	ĺ	109.5	107.4		115.3	111.3		86.5	87.2		Nov.
Dec.	101.8	100.9	ļ!	109.1	107.5		114.6	111.6		86.5	87.4		Dec.
Whole)	100.3	100.0		107.0	106.4		111.3	109.6		86.3	86.7		Whole year
19.111	99.6	100.8	103.8	106.0	107.6	112.3	109.4	111.0	118.1	86.0	86.5	<b>86.</b> 8	19.III

For details concerning the calculation of the consumption price index see article in this Bulletin No. 10, 1936.

#### 38. — INDEX OF WORKING HOURS IN INDUSTRY. 1926=100.

				Branch of	Industry	7			Total	Of	which	
Quarter	Metal	Glass, Stone, etc.	Chemicals	Foodstuffs and luxuries	Leather	Textile	Paper	Timber	All Indus- tries	Home Indus- tries	Exporting Indus- tries	Quarter
1936 JanMch. AplJune July-Sept. OctDec.	119.8 140.8 119.9 133.2	141.5 128.9 91.9 118.5	132.9 103.0 94.1 103.3	89.0 98.6 99.7 95.6	115.9 95.7 93.0 105.9	116.6 122.4 125.9 106.4	90.2 76.0 85.7 89.5	89.9 97.0 91.1 73.8	104.7 109.4 103.0 93.5	118.4 108.9	91.8 96.9 93.7 80.3	1936 JanMch. AplJune July-Sept. OctDec. 1937 JanMch.
JanMch. AplJune July-Sept. OctDec.	142.3	100.7	159.0	98.2	109.8	119.9	91.3	87.6	109.4	127.5		AplJune. July-Sept. OctDec.

The index, which is based on the number of working hours during the corresponding quarters in 1926, is calculated by the Research Office of the Ministry for Social Affairs.

# 39. — NUMBER OF UNEMPLOYED.

End of	Registere	d at the h	Aunicipal L	abour Excl	hanges¹)	Regist	ered at th	e Unempl	oyment B	oards²)	End of
Month	1933	1934	1935	1936	1937	1932	1933	1934	1935	1936	Month
January	23 178	20 109	12 479	10 117	6 805	87 857	76 862	43 172	22 026	19 912	January
February	20 731	17 510	11 280	8 257	5 383	89 874	69 386	42 913	22 590	20591	February
March	19 083	14 026	9 780	6 687		90 489	64 300	39 723	22 193	18 665	March
April	17 732	9 942	8 369	5 836		75 507	53 386	32 178	18076	13 323	April
May	13 082	5 996	5 804	2 795		53 387	42 402	23 695	12 698	8 182	May
June	11 479	5 946	3 948	1877	!	32 444	27 384	15 979	6 205	2 409	June
July	13 437	5 691	3 122	2 129	l	23 189	19 660	10 988	3 732	1647	July
August	15 269	6 064	4 003	2 431	-	28 645	22 646	11 041	4 684	996	August
September	17 134	6 834	4 755	3 086		54 807	31 306	12 420	5 786	. 1702	September
October	17 752	7 629	6 446	4 594		67 819	42 151	15 712	9 739	3 097	October
November	19 729	9 708	8 538	5 348	1	81 022	45 362	18 598	14 841		November
December	17062	10 680	7 427	4 398		82 626	41 026	19 208	17 778		December

Figures provided by the Research Office of the Ministry for Social Affairs, comprising 1 regular statistics from the Municipal Labour Exchanges in the majority of towns and urban districts only; 2 statistics covering the whole country, temporarily compiled by the Unemployment Boards which owing to the disappearing unemployment have discontinued the compilation of statistics from the beginning of 1937.

# 40. — CESSATION OF WORK.

		Initiated		Contin	ued from p month	revious		Total	ï	
Month	number	affec	ting	number	affec	ting	number	affec	ting	Month
	Intitititet	employers	hands	Humber	employers'	hands	Hamber	employers	hands	
1936 February March April May June July August September October November December	2 1 9 2 4 4 - 3	8 2 61 46 57 35 42	50 6 852 449 454 377 514	1 -7 3 2 2 1 2 2	1 39 10 6 5 4 11	12 460 80 60 90 20 316 316	2 2 2 9 9 7 6 2 4 2 2	8 3 61 85 67 41 5 46 11	50 18 852 909 534 437 90 534 316 316	1936 February March April May June July August September October November December
1937 January February	1 2	1 5	13 562	1 1	6 6	180 140	2 3	7 11	193 702	1937 January February

The above particulars which are of a preliminary nature, are compiled by the Research Office of the Ministry for Social Affairs

# CERTAIN PARTICULARS ABOUT FINLAND.

#### 1. FORM OF GOVERNMENT.

Finland formed a part of the kingdom of Sweden from 1154 to 1809; from 1809 it was an autonomous Grand Duchy connected with Russia up to December 6th, 1917, when Finland declared its independence, which was acknowledged by all the Powers including Soviet Russia. It became a republic in 1919. The legislative power of the country is vested in the Diet and the President. The highest executive power is held by the President chosen for a period of 6 years. The present President Kyösti Kallio is elected for the term March 1st, 1937, to March 1st, 1943.

The Diet, composed of 200 members, is elected by universal suffrage. The proportions of the different parties in the Diet elected in 1936 are as follows:

	TA MITTINE
Social-Democratic party	
Agrarian party	
Swedish party	2:
Unionist party	
Patriotic National Movement's party	
Progressive party	
Small farmers' party	
People's party	

#### 2. LAND.

THE AREA (excluding lake Laatokka) is 382,801 square kilometres = 147,761 square miles (Great Britain's area is 89,047 sq. m. and Italy's area 117,982 sq. m.). Of the total area 9.0 % are inland waters. On an average 11.8 % of the land in the South of Finland is cultivated, 1.1 % in the North, 6.6 % of the whole land. Of the land area 25.3 mill. ha (62.5 mill. acres) or 73.6 % are covered by forests.

THE AVERAGE TEMPERATURE in the coldest month is in S. W. Finland —  $5^{\circ}$  to —  $6^{\circ}$  C., in Lapland —  $15^{\circ}$  C. and during the warmest month +  $15^{\circ}$  and +  $13^{\circ}$  to +  $14^{\circ}$  C. resp. The average temperature in Helsinki (Helsingiors) is +  $4.6^{\circ}$  (in Oslo +  $5.4^{\circ}$ , in Montreal +  $5.4^{\circ}$ , in Moscow +  $3.6^{\circ}$ ). The ground is covered by snow in the South for about 100 days, in Central Finland for 150 to 180 days, in Lapland about 210 days.

#### 3. POPULATION.

NUMBER OF INHABITANTS (1935): 3.8 millions (of whom 0.2 million emigrants). Sweden (1935) 6.2, Switzerland (1935) 4.2, Denmark (1932) 3.6 and Norway (1933) 2.9 millions.

DENSITY OF POPULATION (1985): In South-Finland 18.6, in North-Finland 2.6 and in the whole country an average of 10.9 inhabitants to the square kilometre.

DISTRIBUTION (1985): 79.4 % of the population inhabit the country, 20.6 % the towns and urban districts. The largest towns are (1985): Helsinki (Helsingfors), the capital, 277,771 inhabitants, Viipuri (Wiborg) 72,755, Turku (Åbo) 69,953, Tampere (Tammerfors) 59,832.

OCCUPATION (1930): agriculture 59.6 %, industry and manual labour 16.8 %, commerce 4.3 %, transport 3.8 %, other occupations 15.5 %.

LANGUAGE (1930); Finnish speaking 89.4 %, Swedish speaking 10.1 %, others 0.5 %.

RELIGION (1935): Lutheran 96.1%, Greek-Orthodox 1.8% others 2.1%.

EDUCATION (1930): Amongst persons over 15 years of age only 0.9 % are illiterate. There are three universities founded in 1640, 1917 and 1920.

INCREASE OF POPULATION (1935): Births 18.5  $^{\circ}/_{00}$ , deaths 12.0  $^{\circ}/_{00}$  (in France in 1933 15.8  $^{\circ}/_{00}$ , and in England in 1933 12.2  $^{\circ}/_{00}$ ), natural increase 6.5  $^{\circ}/_{00}$ .

#### 4. TRADE AND COMMUNICATIONS.

FOREST RESOURCES. The growing stock of the forests is 1,620 million  $m^3$  (57,214 million cubic feet). The merchantable timber

(measuring 20 cm at breast height = 6 in. at a height of 18 ft.) amounts to 1,557 million trees. Of this number pine is represented by 60.7 %, spruce by 28.1 %, the conifers thus constituting 88.8 % or 1,383 million trees; leaftrees, mostly birch, 11.2 % or 174 million trees. The annual increment is 44.4 million  $m^2$  (1,568 million cub.ft.). The annual fellings according to earlier calculations are 40 million  $m^3$  (1,413 million cub.ft.). In North Finland the increment is much larger than the fellings, but in South Finland excess felling occurs locally.

AGRICULTURE (1935): Cultivated land 2.2 million hectars, divided as follows: area under cultivation 0.3—10 hectars 33.4 %. 10—50 ha 52.1 %, 50—100 ha 8.4 %, over 100 ha 6.1 %. Cultivated land is divided between the different kinds of crops as follows: 50.5 % hay, 18.7 % oats, 9.6 % rye, 5.1 % barley, 3.3 % potatoes 12.8 % other. The number of dairies in 1935 amounted to 593.

OWNERSHIP OF LAND The land area is distributed among different classes of owners approximately as follows: private 52.1 %, State 39.7 %, Joint Stock Companies 6.5 %, communities 1.7 %. INDUSTRY (1935): Number of industrial concerns 3,917, hands 174,310, gross value of products of industry 13,929 million

LENGTH OF RAILWAYS (1936): 5,757 km, of which 5,501 km State railways and 256 km private. The gauge is 1.524 m.

COMMERCIAL FLEET (1936): Steamships 533 (244,933 reg. tons net), motor vessels 158 (16,788 reg. tons net), sailing ships 163 (46,887 reg. tons net). Total 854 (308,608 reg. tons net).

#### 5. FINANCE AND BANKING.

CURRENCY. Since 1860 Finland has its own monetary system. From 1877 up to the Great War the currency maintained its stable gold value and after the disturbances caused by the war Finland has again from January 1st, 1926, a gold standard. The unit of currency is the mark (Finnish markka) = 100 pennis). According to the monetary law of December 21st, 1925, a gold coin of 100 marks' value shall contain 3 <sup>15</sup>/<sub>19</sub> grams of fine gold. Since October 12th, 1931, the redemption of bank notes in gold is, however, suspended.

STATE FINANCES. According to the finance accounts for 1935 the State revenue was 4,559.3 million marks of which 3,482.2 million marks were current revenue, and State expenditure 4,533.4 million marks, of which 2,872.7 million marks were current expenditure. The principal sources of revenue were as follows: State property and undertakings (net) 302.3, direct taxes 575.8, indirect taxes 1,880.0, stamp duty 173.9, charges 96.1, interest and dividends 235.4 and capital revenue 1,077.1. The value of State property in 1922 was estimated at 11,150.6 million marks. For Public Debt see table 19 in this issue.

MUNICIPAL FINANCES. According to the Budget for 1936 expenditure amounted to 1,444.2 million marks. Income from taxation was calculated at 501.5 million marks, taxed income at 5,805.0 million marks. The municipal income tax (non-progressive) averaged 8.6 % of the ratepayers' income.

THE BANK OF ISSUE. 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 (Uleáborg), Kuopio, Joensuu, Sortavala, Viipuri (Wiborg), Mikkeli (St. Michel), Tampere (Tammerfors), Hämeenlinna (Tavastehus), Jyväskylä and Kotka.

THE JOINT STOCK BANKS (1986): Number 9, possess 471 offices, where all kinds of banking business is transacted. Including all banks, there is one banking establishment per 7,200 inhabitants.

The largest banks are: Kansallis-Osake-Pankki, Ab. Nordiska Föreningsbanken and Helsingfors Aktiebank, all with head offices in the capital.

OTHER BANKS (1935): Mortgage banks 6, Savings banks 482, Co-operative Credit Societies 1,299 and a Central Bank for the latter.

# FOREIGN TRADE IN 1936.

BY

#### VERNER LINDGREN, M. A.

HEAD OF THE STATISTICAL DEPARTMENT OF THE BOARD OF CUSTOMS.

#### GENERAL SURVEY.

Economic conditions in Finland in 1936 were even more favourable on the whole than during the previous years. The harvest was an unusually good one and industrial production continued to increase steadily. There was an abundant supply of money and prices had an upward tendency. The purchasing power of the population was also appreciably greater than before.

These circumstances made a distinct impression on foreign trade. The increase in industrial production enabled exports to expand, but at the same time necessitated heavier imports of raw materials and requisities for industry. The appreciable increase in the demand for articles of consumption could not be satisfied exclusively with goods manufactured in Finland, but also called for increased imports. In brief, foreign trade expanded, but the proportion between imports and exports from the point of view of the balance of payments nevertheless remained as favourable as during the previous year.

The general course of development will be seen in the following figures that indicate the volume of foreign trade in proportion to the volume of trade in 1926 which is designated as 100.

VOLUME INDEX OF FOREIGN TRADE

Year	Imports	Exports	Total
1927	 113	112	113
1928	 141	111	128
1929	 125	117	122
1930	 109	102	106
1931	 91	108	96
1932	 79	114	92
1933	 93	131	112
1934	 115	142	130
1935	 126	150	138
1936	 147	170	158

The expansion of foreign trade during 1936 was thus very striking. The volume of exports had exceeded the level of the boom in 1927—1929 some years ago, but imports had remained restricted. It was only in 1936 that the volume of imports also surpassed the record established in 1928.

The value of foreign trade, however, increased even more than its volume, as prices rose a few per cent in general during 1936, especially as regards imported goods.

VALUE OF FOREIGN TRADE

				Surplus of im-
	Imports	Exports		ports (—) or
Year	c. l. f.	f. ô. b.	Total	exports (+)
	M	illion	marks	
1927	6,386	6,324	12,710	<b>—</b> 62
1928	8,013	6,245	14,258	1.768
1929	7.001	6,430	13,431	´571
1930	5,248	5,404	10,652	+ 156
1931	3,465	4,457	7,922	+ 992
1932	3,502	4,631	8,133	+1,129
1933	3,928	5,298	9,226	+1,370
1934	4.776	6,226	11,002	+1,450
1935	5,344	6,240	11,584	+ 896
1936	6,343	7,215	13,558	+ 872
		•	•	

The value of imports increased in 1936 by no less than about 1,000 million marks, the value of exports a little less and the surplus of exports thus remained almost the same as for the previous year, i.e., 872 million marks in comparison with 896 millions in 1935. However, if we ignore imports of gold bullion - which are included in the Finnish trade statistics and were exceptionally large in 1936 - and only consider trade in actual goods, we find that there was a surplus of exports in 1936 amounting to 1,030 million marks as against 908 millions in the previous year. — To form an opinion of Finland's balance of trade from the point of view of national economy we should note, in addition to the fact that the export surplus was considerable, that exports only represented the normal yield of production almost without exception, while imports consisted to a remarkable degree of a form of capital investment. The value of imports for 1936, for instance, includes machinery, means of transport etc. to an amount of over 1,100 million marks.

#### EXPORTS.

The position of the timber market is of the greatest importance to Finnish exports - and to economic life in Finland generally. In 1936 the timber market developed favourably and prices rose, there being a considerable advance towards the end of the year. The quantity sawn, which amounted to 1,170,000 stds in 1935, was increased to 1,240,000 stds, and exports grew in about the same proportion from 1,040,000 to 1,100,000 stds. The exports of sawn timber produced 2,120 million marks in round figures in 1936 or 280 millions more than during the year before. Plywood exports yielded about 380 million marks or about 50 millions more than for the previous year and exports of other kinds of woodgoods 540 million marks or about 10 millions more than in 1935. Thus the total value of timber exports amounted to about 3,040 million marks or approximately 340 millions more than in the previous year.

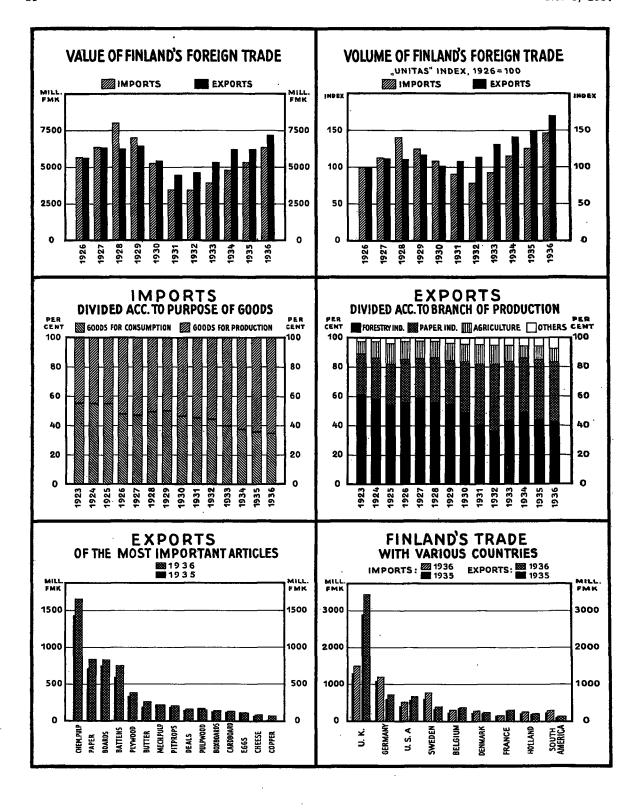
In the case of exports of paper and pulp products the increase was even greater. Prices. however, continued rather unfavourable in this instance and the good results of such exports, from the point of view of the balance of trade, are entirely due to a considerable increase in the quantities exported. The output of sulphite cellulose increased from the previous year by 93,000 tons to 938,000 tons, of sulphate cellulose by 95,000 tons to 389,000 tons, and of paper by 90,000 tons to 548,000 tons, but the output of mechanical pulp was reduced by 5,000 tons to 307,000 tons. Exports increased in about the same proportion, of sulphite cellulose by 69,000 tons to 758,000 tons, of sulphate cellulose by 88,000 tons to 323,000 tons and of paper by 77,000 tons to 453,000 tons, but exports of mechanical pulp fell off by 12,000 tons to 323,000 tons. The total value of exports of paper and pulp products increased by over 380 million marks to 2,900 millions.

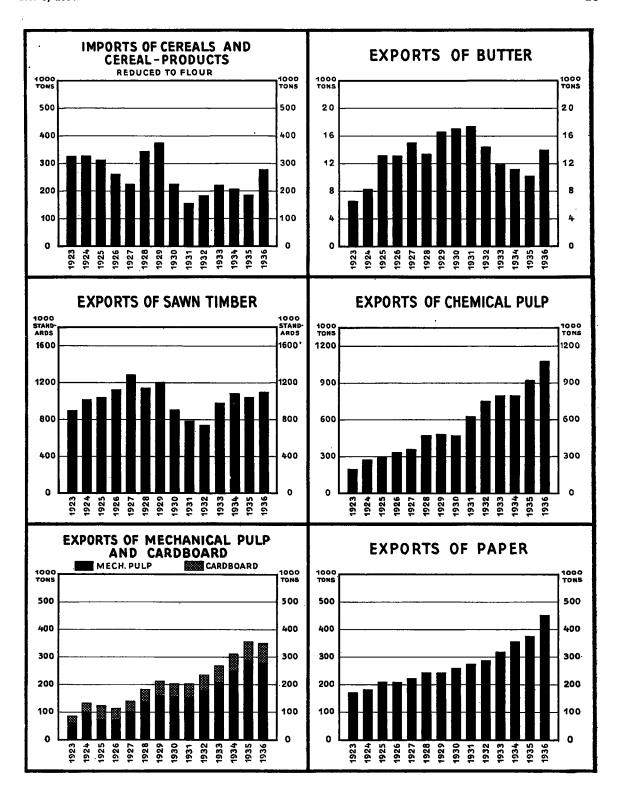
Exports of animal foodstuffs increased by over 80 millions marks to about 540 millions and exports of other goods by close on 170 million marks to 740 millions. The latter increase is principally due to the extension of the so-called home industries, the output of which has found a market on a growing scale beyond the frontiers of Finland during the last few years. As an illustration of this course of development we can mention that exports of cotton goods increased in 1936 by 40 million marks to 87 millions, of copper and copper ore by 45 millions to 83 millions, of hides by 22 millions to 81 millions. of granite by 11 millions to 42 millions, of chinaware by 9 millions to 26 millions, of leather by 11 millions to 22 millions. — Of animal foodstuffs butter was exported in 1936 to a value of 264 million marks or 69 millions more than during the previous year, cheese to a value of 79 millions or 14 millions more, eggs for 110 millions and pork for 30 millions, in both cases for two or three millions less than in 1935.

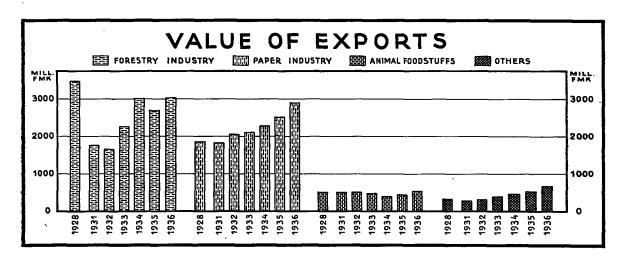
#### IMPORTS.

Apart from the imports of gold bullion, the total value of imports of actual goods amounted to close on 6,190 million marks in 1936, i.e., fully 850 millions more than during the year before. Imports of raw materials increased by 380 million marks to 2,800 millions, imports of machinery and means of transport by 170 million marks to almost 1,170 millions, of foodstuffs and luxuries by 160 million marks to close on 990 millions and imports of other goods for consumption by abuot 140 million marks to 1,230 millions.

The centre of gravity in Finnish imports has shifted more and more towards goods for productive purposes, i.e., raw materials and machinery, while imports of goods for immediate







consumption have fallen off in proportion. Last year the total value of imported goods for consumption amounted to 2,220 million marks, but ten years ago the corresponding imports were fully 500 millions higher. Ten years ago means of production were imported to a value of about 2,930 million marks, last year, however, for fully 1,000 millions more. Finnish imports have thus experienced a considerable structural change during a short period and this tendency is confirmed by the trade figures for 1936.

#### TRADE WITH DIFFERENT COUNTRIES.

For a long time Great Britain has played the leading part in Finland's foreign trade and in 1936 its importance was enhanced. Imports of British goods increased by 174 million marks to 1.230 millions, while exports for British consumption increased by no less than 557 million marks to 3,340 millions. Great Britain, of course, plays a part in Finland's foreign trade, too, as an intermediary of goods to and from third countries, and if this intermediary trade is taken into consideration, it will be found that the total value of goods purchased from Great Britain in 1936 increased by 206 million marks to 1,497 millions, while the total value of goods sold there increased simultaneously by 549 million marks to 3,454 millions.

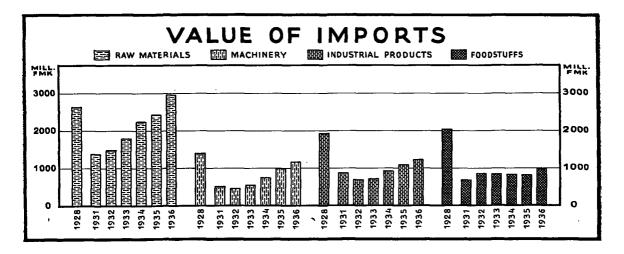
Trade with other countries was considerably smaller. Imports of German goods increased

by 102 million marks to 1,030 millions and exports of goods for German consumption by 125 million marks to 706 millions. Germany plays a slightly smaller part than Great Britain at present as an intermediary in foreign trade, as is seen by the fact that the total value of goods purchased in Germany during 1936 amounted to 1,201 million marks or 113 millions more than during the previous year, while the total value of the goods sold to Germany amounted to 718 million marks or 123 millions more than in 1935.

Imports of goods of United States origin increased by 84 million marks to 605 millions, while at the same time imports of goods purchased direct from the United States only amounted to 518 million marks or 114 millions more than in the previous year. Exports for consumption in the United States increased by 105 million marks to 672 millions, almost the whole quantity being sold direct.

Imports of Swedish goods increased by no less than 295 million marks to 695 millions, imports of all goods purchased in Sweden by 171 million marks to 770 millions. Exports to Sweden were considerably less. Sales increased, indeed, by 89 million marks to 395 millions, but of these exports only 249 million marks' worth or 52 millions more than a year before were for consumption in Sweden.

Among other countries that play a more or less important part in Finnish imports we



should mention Belgium, Denmark, France, Holland and Soviet Russia. Imports of Belgian goods increased by 87 million marks to 284 millions, of Danish goods by 49 to 217 millions, of French goods by 30 to 185 millions, and of Dutch goods by 35 to 182 millions, whereas imports of Russian goods fell off by 33 to 141 millions. In addition Finland bought third country's products last year from Holland for 65 million marks, from Denmark for 64 millions and from Belgium for 15 millions, while 34 millions' worth of the French products and 16 millions' worth of the Russian products were purchased through a third country. - Exports to these countries also increased in general. Sales to Belgium increased by 17 to 368 millions, to France by 22 to 303 millions, to Denmark by 24 to 237 millions and to Holland by 11 to 201 millions. On the other hand exports to Russia fell off by 30 million marks to only 37 millions. Exports to these five countries were mostly sold direct without any intermediaries.

#### FUTURE PROSPECTS.

The prospects at present point to a further extension of Finland's foreign trade. the timber that the mills propose to saw this year the greater part has already been sold abroad at favourable prices. The paper, cellulose and mechanical woodpulp industries have unusually large orders in hand and as old contracts are fulfilled, the rising tendency of prices will make itself felt. Besides, the so-called home industries have, as already mentioned, begun to take a hand in exporting on a growing scale. — However, imports may also be expected to grow. The purchasing power of the country is so much greater at present than it was even a couple of years ago that the demand for all kinds of goods for consumption that cannot be obtained advantageously in Finland, is likely to increase. Unless the general position undergoes a complete change, it seems likely that the total value of imports will still fall short of the total value of exports, so that the country's balance of payments may improve still further.

# ORES AND ORE-PROSPECTING IN FINLAND.

BY

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#### ORE DEPOSITS.

The rock ground of Finland belongs to the same territory of primary rocks that extends over the greater part of Sweden, Russian Carelia and the Kola peninsula. The latter regions have proved very rich in minerals, whereas in Finland remarkably few important discoveries of ores have been made. The number of known ore deposits in the country is, indeed, fairly considerable, but only a few of them can be considered to be of practical value at the present day.

This poverty in ores is partly due to the fact that the rock ground of the country is still incompletely investigated and that the thick drift cover presents a serious obstacle to the work of prospecting. At the same time the geological conditions do not inspire the same hopes of discovering wealthy ore deposits as in the neighbouring countries.

The ore deposits in Finland are distributed mainly in three districts: 1) South-West Finland, 2) Central Carelia, and 3) Lapland and Petsamo.

The South-West Finnish ores form the continuation of the "mining districts" of Central Sweden and consist chiefly of iron ore, magnetite ore and some deposits of pyrites. The only deposit of importance is the Orijärvi copper-zinc mine at Kisko.

The ores of the area of the Carelian Schists are at present the most important in the country from the point of view of mining. This district contains at its southern extremity on the northern shore of Lake Laatokka (Ladoga) the Pitkäranta ore deposits, the most important in Finland during last century, which were mined for about 90 years up to 1904 and supplied fairly large quantities of copper, iron

and tin. The Välimäki titanium iron ore in the same district was also worked for a short time. The most important deposit in Carelia at present is the Outokumpu copper mine at Kuusjärvi. Besides, a number of pyrites deposits of a size worth quarrying have been discovered recently.

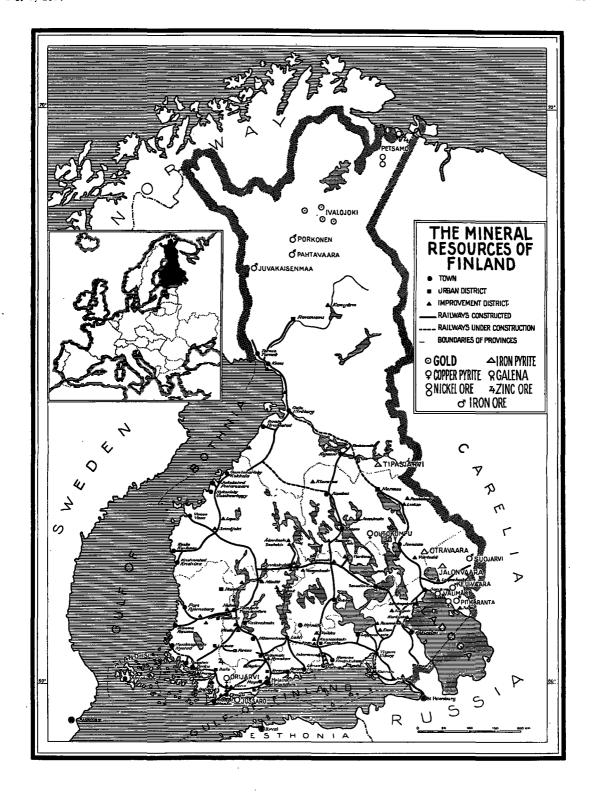
In North Finland the Lapland iron ores claim attention owing to the fact that they may be regarded as the continuation of the extraordinarily rich iron ores of North Sweden. Nothing corresponding to the latter, however, has been found on the Finnish side. Juvakaisenmaa at Kolari and Porkonen—Pahtavaara at Kittilä are the only deposits of any importance, though not worth quarrying under present conditions. The deposits of alluvial gold in the Ivalo district in Northern Lapland have attracted a good deal of interest during the last few years.

The most valuable deposits in the northern part of the country are the recently discovered nickel ore deposits in Petsamo close to the coast of the Arctic Ocean.

# THE PRESENT POSITION OF MINING.

Mining is only carried on at present in two deposits in Finland, viz., at Outokumpu and Orijärvi. In addition, quarrying is being prepared for on Kaulatunturi in Petsamo.

Outokumpu, which must be described as one of the richest copper mines in Europe, was discovered in 1910. The known quantity of ore is estimated at about 14 million tons with about 4 per cent of copper, 26 per cent of sulphur and 27 per cent of iron and small quantities of gold and silver. The mine is Finnish State property. At present the quantity mined is



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about 300,000 tons of ore annually. In 1927-1935 the mine was worked exclusively for producing copper ore concentrate that was exported to Germany. Now, however, the mine has been provided with its own copper works at Imatra, so that the copper can be extracted in Finland. The annual capacity of the works is 12,000 tons of copper, 1,000 tons of silver and 100 kg of gold. Besides, liquid sulphur dioxide is manufactured for the cellulose mills. The pyrites obtained in concentrating the ore are used in the form of purple ore as iron ore at the up-to-date ironworks of Oy. Vuoksenniska with a productive capacity of about 40,000 tons of iron a year. In this way at any rate part of the appreciable shortage of iron ore in Finland will be remedied.

Through the Outokumpu copper works Finland will occupy a prominent position among the copper producing countries of Europe, supplying about 10 per cent of Europe's output.

The Orijärvi copper-zinc-lead ore was discovered in 1757. Mining has been carried on there at various periods, although formerly with little success owing to the nature of the ore. After the war the deposits were acquired by a Swedish company, Ab. Zinkgruvor, which first extracted the zinc contained in the slag heaps in the locality and subsequently proceeded to work the mine. The ore resources, which have not yet been finally established, are estimated at about 600,000 tons. The metal contents are rather uneven, but may be estimated at about 2 per cent of copper, 1 per cent of lead and 3-4 per cent of zinc. The ore is concentrated locally by means of flotation and is exported to Germany as ore concentrate. About 30,000 tons of ore are mined annually.

In 1921 nickel ore was discovered in the Petsamo district on the Petsamo fells, this area having been acquired by Finland by the Treaty of Tartu (Dorpat), and this gave rise to extensive prospecting. When it was established that quantities worth quarrying were available, the deposits were leased by the Finnish Government in 1935 to Petsamon Nikkeli Oy., a company affiliated to the Mond Nickel Company in London.

The company undertook, in addition to paying a royalty, to spend a certain minimum sum in prospecting until quarrying could be started. In view of the great difficulty presented by exploiting this remotely situated deposit, the agreement must be considered a favourable one from the point of view of Finland.

Since the spring of 1935 Petsamon Nik-keli Oy. has done careful prospecting on the spot under the supervision of Canadian mining geologists. The ore on Kaulatunturi has proved with certainty that it comes up to the originally estimated quantity of about 5 million tons. The metal contents are approximately 3 per cent of nickel and 1 per cent of copper. In addition to prospecting, roads have been built and other preparatory work has been done that will still take several years to complete, so that the ore cannot be expected to be quarried for some time. It has not yet been decided whether the ore will be smelted on the spot or shipped to England.

The above remarks indicate that ore quarrying is still very insignificant in Finland and provides work for less than 1,000 workpeople.

#### PROSPECTING IN FINLAND IN RECENT TIMES.

The growing supply of capital in recent years has caused a remarkable degree of interest to be taken in prospecting in Finland.

Work has been carried out principally in the districts referred to above that have long been known to contain ore. The possibilities of discovering new deposits have increased to some extent owing to the methods of prospecting, especially the electrical methods, and rock boring having improved very greatly. Besides, the improvement in the methods of concentrating the ore, particularly "flotation", has caused a number of ores that could not be made use of formerly owing to their composition again to become objects of interest. This is the case, for instance, at Orijärvi and Pitkäranta.

The Finnish Government has taken an energetic part in prospecting. In order to promote this activity the State Geological Survey was reorganised in 1935, the greatest importance being ascribed to practical geological

work. At the same time the Government grants for prospecting were considerably increased.

In addition Suomen Malmi Oy., a company controlled by the Government, was formed during the same year for prospecting for business purposes. Of the share capital of 10 ½ million marks the industrial undertakings belonging to the State subscribed 10,260,000 marks. The work of the company has been carried on to a great extent in collaboration with the Geological Survey.

Government prospecting has been distributed over a large number of places. The most important, perhaps, are the surveys in the Pitkäranta district, the ore resources of which are by no means exhausted, although the quality of the ore has made it impossible for a long time to utilise it for economic purposes. The supplies of iron and zinc ore in particular are considerable and are estimated at 5—10 million tons with 30 per cent of iron. Government prospecting has been carried out there in conjunction with Pitkäranta Kaivos Oy., a private company supported by the Government.

In South Ostrobothnia boring and electrical prospecting has been done in order to establish the importance of some former discoveries of pyrites, principally in Kälviä and Teerjärv. Deposits of economic importance have not been discovered. The district is interesting, because it is regarded as the continuation of the Skellefteå deposits in Sweden, though this opinion cannot be considered to be geologically proved.

Prospecting has also been done in various parts of Carelia, especially in the neighbourhood of Outokumpu.

Among private prospectors, besides the Petsamo company, a couple of foreign groups should be mentioned, the Boliden mining company in Sweden, and the Selection Trust in England, which have investigated the deposits of alluvial gold in Northern Lapland. The quantities of gold have, however, not proved sufficient to justify gold washing on an industrial scale.

Among Finnish groups mention should be

made of Oy. Vuoksenniska which has done extensive prospecting for molybdenum ore at Mätäsvaara north-east of Joensuu in Carelia. This prospecting has not yet been completed. The same company has also displayed its interest in some iron ore deposits in South Finland.

Recently Oy. Industria, a company established by two of the leading industrial concerns in Finland, has started prospecting in the northern parts of the country.

At the beginning of 1937 a new company, Oy. Prospektor Ab., was formed for the purpose of prospecting and mining and is supported by a number of large industrial concerns. Its share capital amounts to 6 million marks.

Among the undertakings that have engaged in prospecting in Finland of late the following should further be mentioned: Intressegruppen that has prospected in Ostrobothnia, Finska Mineral Ab. and the Renlund Foundation for Finnish surveys in practical geology.

The private capital invested in prospecting for ores and minerals is larger at present than at any previous time and exceeds the sums subscribed by the Government.

#### CONCLUSION.

The above review shows that the mineralogical exploitation of metal raw materials is only slightly developed and the known ore deposits are comparatively small. At the same time extensive areas in Finland have been incompletely surveyed, so that it may be hoped that new deposits will be discovered.

The area of the Carelian schists and its continuation in Northern Finland may be regarded as the most promising part of the country from the point of view of prospecting. It does not seem very likely that iron ore of any importance will be found, but it is very probable that there are deposits of copper, zinc, lead and possibly of precious metals. In general the probability of discovering comparatively small, but valuable deposits as regards quality, seems greater than of discovering large deposits of ore.

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# ITEMS.

The new Government. Immediately after the change in the Presidency by which the Prime Minister at that time was elected President of the Republic as reported in our last issue, the Government resigned in accordance with established custom. On March 12th the new Government was appointed, formed on the basis of a coalition between the two largest parties in the Diet, the Social-Democrats and the Agrarians, under the leadership of Mr A. K. Cajander, a member of the Progressive party. He has occupied a seat in former Governments, e.g., as Prime Minister in the non-political Governments in 1922 and 1924. Mr Rudolf Holsti remains Minister for Foreign Affairs. former Minister of Finance, Mr Juho Niukkanen, of the Agrarian party, is Minister of Defence and the leader of the Social-Democratic party, Mr Väinö Tanner, chairman of the Supervisors of the Bank of Finland, has undertaken the post of Minister of Finance. In its declaration of policy the new Government announced that it would "continue the labours of its predecessors for strengthening the lawful order of the republic and internal peace, developing economic life, improving the position of the classes. developing more educational work, safeguarding our independence and improving good relations with foreign With regard to foreign policy in particular the declaration contained the following clause: "In managing Finland's foreign affairs an absolutely peaceful policy must continue to be pursued. For this purpose the rapprochement with Scandinavia must be developed, relations with Russia must be improved as far as possible, friendly relations with Estonia must be maintained and connections with all other states must also be developed in accordance with the principles of the League of Nations."

The 75 years jubilee of the Finnish State Railways. On March 17th the Finnish State Railways celebrated their 75 years jubilee. It was in the middle of March, 1862, that regular traffic was opened on our first railway between Helsinki (Helsingfors) and Hämeenlinna (Tavastehus). At present our railways have 5,500 kilometres of lines and last year they carried 19 million passengers and 13.3 million tons of goods of different kinds. Although the railway tariffs are lower in Finland than in most other countries, traffic on the State Railways has regularly yielded a surplus, even after interest and amortisation of the capital invested in the railways had been included in the accounts for the first time a few years ago.

Bond loan issue. The Central Bank for Cooperative Agricultural Credit Societies has decided to issue a new internal bond loan on May 1st, 1937. The loan which is guaranteed by the State amounts to 50 million marks and bears interest at the rate of 4 per cent. The loan is to run for 30 years, but the right of conversion comes into force in 10 years. The bonds are to be placed on the market at a rate of 95 per cent net.

Issues of shares. By issuing a bonus share for each ordinary and preference share Pargas Kalkbergs Ab. will increase its share capital by 90 million marks. As, in addition, new ordinary shares are to be issued at par to an amount of 20 millions, the company's capital will be raised to 200 million marks.

The Board of Oy. Finlayson-Forssa Ab. has decided to propose that the company's capital should be increased by issuing bonus shares to the value of 40 million marks. The capital of

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the company will be raised by this means from 120 to 160 million marks.

Ab. Dalsbruk has resolved to raise the company's capital from 20 to 30 million marks by transferring 5 million marks from the Reserve Fund and issuing 25,000 new shares of 400 marks' nominal value each at a rate of 200 marks, two old shares to entitle the holder to subscribe for one new one.

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New passenger steamer. The Steamship Company Bore has ordered a new passenger steamer for the Turku (Åbo)—Stockholm line from Ab. Crichton-Vulcan in Turku. The steamer is to be ready in March, 1938, and to be put into commission at once. The length of the new steamer is to be 252 feet and its depth 15.9 feet. It is to be fitted with Velox boilers and the engines will develop 2,500 indicated HP which should give it a speed of 15 knots. The hull is to be protected against ice according to Lloyds' highest standards. The steamer will have 106 I class berths, 40 II class and 48 III class. It will carry 120 tons of cargo. As a special feature there will be accommodation for 10 motor cars, a considerable advance on present conditions on this line.

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Ice conditions. Although, as previously mentioned, the ice conditions have presented great obstacles to traffic this winter, it has been

possible to keep the harbour of Helsinki (Helsingfors) open all the winter. In the middle of March the weather grew milder, but the pack-ice still gives the ice-breakers a great deal of trouble. Owing to the experiences of this winter the Government has decided to order a large new ice-breaker from Sandvikens Skeppsdocka in Helsinki at a price of about 39 million marks. The vessel is to be 59 metres in length at the waterline and 14 metres broad and its engines will develop 4,000 axle-HP. It is to be equipped with three sets of electrical Diesel engines for working two propellers in the stern and one in the bows. The vessel, which is to be employed in the summer as the parent ship of the submarines of the Finnish Navy, is to be ready for delivery in December, 1938.

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Banking Statistics. The Bank Inspectorate's Report on banks and banking in Finland during 1936 was published in the beginning of March. The Report contains information about the Joint Stock banks and the Mortgage institutions, the letterpress is published in the Finnish and Swedish languages, the headings being also printed in French. A review of the business of the Joint Stock banks in accordance with the Report will be inserted shortly in this Bulletin.

— Orders for the Report from abroad should be addressed to the Statistical Department of the Bank of Finland.

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