

BANK OF FINLAND

MONTHLY BULLETIN

Vol. 43 No. 5

MAY

1969

Forestry in 1967—1968

The peak in fellings of the current decade was reached in the season July 1964—June 1965 when the volume of commercial fellings 1) amounted to as much as 35.6 mill. cu.m. (solid measure excl. bark). In the following three felling seasons commercial fellings totalled approximately 30 mill.cu.m. each season. A new recovery began in the autumn of 1968 and it has been estimated that in 1968/69 the level of the previous felling season will be exceeded by more than one tenth.

The cyclical development in commercial fellings is basically dependent on the demand for exports of wood and paper industry products. Moreover short-term variations in fellings depend on changes in the industry's stocks of raw wood as well as on the outcome of negotiations concerning stumpage prices. As regards seasonal variations in fellings, efforts have been made in recent years to distribute fellings more evenly over the whole year instead of concentrating them heavily in the winter months.

The recession experienced by the most important export countries and the excess capacity of the forestry industry in the main producing countries made it difficult for Finland to export wood-processing industry products in 1967. The volume of exports of both wood and paper industry products was less in 1967 than in the previous year. A marked acceleration in export demand did not commence until the opening months of 1968.

At the beginning of the felling season 1967/68 the industry's stocks of sawlogs and pulpwood were somewhat smaller than a year earlier. In the first months of the season commercial fellings slightly exceeded those of the previous year. As no joint price recommendation for pulpwood was reached by the forest-owners and the buyers, fellings in November-December 1967 did not reach the level of 1966. This trend continued in the latter half of the felling season, the prevailing level of stumpage prices being lower than the previous season. There was a decline in the fellings of all raw wood qualities with the exception of sawlogs and birch pulpwood. The stocks of the latter had been sharply reduced at the turn of the year as it has been used more and more to replace conifer pulpwood. The total decline in market fellings in the felling season 1967/68 was 2 per cent as can be seen from the following table which illustrates commercial fellings during the felling seasons 1966-67 and 1967-68.

On page 18, Finland's Foreign Trade in 1968

¹⁾ For definition, see note at the end of the article.

	July 1966 June 1967	July 1967— June 1968	Percentage change
Logs Mill.cu.ft	334.6	335.7	+ 0
Sawlogs "	269.0	275.4	+ 2
Veneer logs "	51.7	48.7	- 6
Pulpwood Mill.piled. cu.m	25.0	24.7	- 1
Spruce pulpwood "	11.2	10.2	<u> </u>
Pine pulpwood "	8.2	7.6	- 7
Hardwood "	3.7	5.4	+47
Firewood "	3.2	2.1	33
Total Mill.cu.m. (solid measure, excl, bark)	30.4	29.7	_ 2

With the exception of birch pulpwood and birch firewood stumpage prices were considerably lower during the season 1967/68 than in the previous year. The fall in prices was sharpest for conifer pulpwood. The average decline in stumpage prices, (weighted by the respective quantities of fellings) was about 14 per cent.

At the beginning of the 1968/69 felling season the industry's raw wood stocks — excluding birch pulpwood — were smaller than the previous year. As the export demand for wood-processing industry products had accelerated and the competitive position of the forestry sector had improved as the result of devaluation and reductions in the export levies, an agreement was reached between the sellers and the buyers in which the recommended stumpage prices were higher than the previous year. As in the previous year, the price recommendation for veneer birch was concluded by spring 1968, but an unanimous decision on pulpwood

was not achieved until the end of August (See Item in Bulletin 10/68). An agreed price recommendation on log prices was reached within the areas of four forestry associations.

Fellings of logs have, since the beginning of the season, substantially exceeded those of the previous year. The delay in reaching a price recommendation noticeably affected the volume of pulpwood fellings, which was as much as 7 per cent less in July - September 1968 than in the corresponding period of 1967. There was, however, a considerable increase in fellings in November and December; although the growth rate decreased considerably thereafter, total fellings were in July 1968 — February 1969 almost 23 per cent above the corresponding level for the previous season. The following table illustrates fellings from July to February in the felling seasons 1967/68 and 1968/69.

	July 1967— February 1968	July 1968— February 1969	Percentage change
Logs Mill.cu.ft,	185.1	245.2	+32
Sawlogs "	142.4	194.8	+ 37
Veneer logs ,,	37.4	45.9	+ 23
Pulpwood Mill.piled. cu.m	14.0	16.7	+ 19
Spruce pulpwood ,,	5.7	6.8	+ 19
Pine pulpwood ",	4.3	5.1	+ 17
Hardwood "	3.1	4.5	+ 44
Firewood "	1.2	0.7	40
Total Mill.cu.m. (solid measure, excl, bark)	16.5	20.3	+ 23

Stumpage prices, which were at a peak for the decade in 1964/65, displayed a rather sharply declining trend in the following three felling seasons. Average stumpage prices were almost 30 per cent lower in (continued on page 23)

BANK OF FINLAND

Mill. mk

	I	968		19	169	
	Dec. 31	March 30	March 31	April 8	April 15	April 2
BALANCE SHEET						
Assets				,		
Ordinary note cover	I 477.4	1 196.8	1 597.0	I 570.7	1 563.2	I 582.
Gold	189.5	187.8	189.2	189.2	189.2	189.
IMF gold tranche	_	<u> </u>	131.2	131.2	131.2	131.
Foreign exchange	1 163.0	907.6	1 146.2	1 118.9	1 108.3	I 123.
Foreign bills	76.1	72.0	749	75.9	79.0	82.
Foreign bonds	48.8	29.4	55.5	55-5	55.5	55.
Supplementary note cover	790.3	886.6	594.1	583.5	525.0	613.
Inland bills discounted In foreign currency	25.1	52.2	25.1	25.2	22.2	
In Finnish currency	147.5	52.3 137.3	25.I 129.2	25.1	23.3	22.
Rediscounted bills	617.7	697.0	439.8	98.4 460.0	98.1 403.6	95
		1		-	!	495
Other assets	470.5	583.1	396.2	447 9	471.0	412.
Finnish bonds	135.7	352.1	23.5	66.2	101.3	41.
Cheque accounts	1.9	3.8	5.8	18.0	8.2	IO
Other claims	11.7 321.2	20.7 206.5	17.1	16.2	16.4	16
1	-	1	349.8	347.5	345.1	343
iabilities Total	2 738.2	2 666.5	2 587.3	2 602.1	2 559.2	2 608
Notes in circulation	1 159.6	979.I	1 064.0	1 080.8	1 048.9	1042
Liabilities payable on demand	136.5	108.2	70.4	68.6	65.6	! .
Foreign exchange accounts	62.1	67.9	41.3	41.0	41.8	120
Mark accounts of holders abroad	12.4	10.2	8.9	8.8	8.6	43 8
Cheque accounts	•	1				
Treasury	3.0	5.0	1.9	0.9	0.1	17
Post Office Savings Bank	3.4	3.9	2.3	3.5	0.5	33
Private banks	39.2	8.0			-	-
Other	2.2	1.8	3.4	2.3	2.1	2.
Other sight liabilities	14.2	11.4	12.6	12.1	12.5	15
Term liabilities	546.4	716.0	541.9	543.8	539.7	542
Foreign	21.4	339-3	21.7	21.7	19.2	19
Finnish	525.0	376.7	520.2	522.1	520.5	523
Equalization accounts	400.3	381.8	403.0	399.9	394.5	392
Bank's own funds	495.4	481.4	508.0	509.0	510.5	511
Capital	300.0	300.0	300.0	300.0	300.0	300
Reserve fund	150.0	150.0	172.7	172.7	172.7	172
Profits undisposed Net profit	_	20.4	22.7	22.7	22.7	22
Earnings less expenses	45.4	11.0	(-
		1	12.6	13.6	15.1	15.
Total	2 738.2	2 666.5	2 587.3	2 602.1	2 559.2	2 608.
TATEMENT OF NOTE ISSUE						l İ
Right of note issue					_	1
Ordinary cover	I 477-4	1 196.8	1 597.0	1 570.7	1 563.2	1 582.
(Upper limit 500 mill. mk; from Nov.						
30, 1966 to Dec. 31, 1968, 700 mill. mk)	700.0	700.0	500.0	500.0	500.0	500.
Total	2 177.4	I 896.8	2 097.0	2 070.7	2 063.2	2 082
Note issue	/ /			/ - /	- 555.27	2 002
Notes in circulation	T 750 6	070 7	T 064 -	T 000 0	T 040 a	
Liabilities payable on demand	1 159.6 136.5	979.I 108.2	1 064.0	1 080.8	1 048.9	I 042
Undrawn on cheque credits	5.6	3.7	704	68.6	65.6	120.
Unused right of note issue	875.7	805.8	5.3 957 . 3	4.5 916.8	4.5 944.2	4. 914.

Rediscount rate since April 28, 1962, 7 per cent.

BANK OF FINLAND

		Gold	and for	eign acc	ounts			Тге	asury	
End of year and month	Gold and foreign exchange	Liabilities on foreign exchange accounts	Foreign exchange reserve (1—2)	Other foreign assets	Other foreign liabilities	Net foreign assets (3+45)	Bills and bonds	Other claims, net	Liabilities, Cheque account	Net clain on the Treasury (7+8—9
	1	2	3	4	5	6	7	8	9	10
1962	637.7	17.1	620.6	67.7	114.9	573-4		28.9	5.5	23.4
1963	752.2	18.2	734.0	65.6	100.5	699.1	_	18.9	0.2	18.7
1964	973-4	84.7	888.7	76.3	82.8	882.2		8.9	5.4	3.5
1965	860.9	44.8	816.1	83.8	56.5	843.4	_	— т.т	1.1	2.2
1966	555-9	61.2	494-7	81.3	100.8	475.2	11.5	- r.r	39.8	29.4
1967	701.1	74.7	626.4	97.7	353.6	370.5	8.3	14.8	4.4	— 10.9
1968	I 352.5	62.1	I 290.4	124.9	33.8	1 381.5	6.7	—361.0	3.0	−357·3
:										
1968			_	-0 -				0_		
Feb.	996.4	66.1	930.3	98.5	349.3	679.5	4·I	—118.2	2.7	—116.8
March	1 095.4	67.9	1 027.5	101.4	349-5	779-4	4.1	-164.4	5.0	-165.3
April May	1 193.6	73.4	I 120.2	127.3	347.2	900.3	4.I	201.4 249.7	3.0	200. 246.
June	I 235.0 I 346.4	81.5 86.1	I 153.5 I 260.3	127.2 124.5	346.3 303.5	934-4 1 081.3	4.1 6.7	249.7 276.9	0.7	—240.; —270.2
July	1 361.9	69.9	I 200.5	124.5	172.9	1 239.6	6.7	—277.I	2.6	-273.0
Aug.	I 337.0	72.7	I 264.3	117.5	173.1	I 208.7	6.7	297.2	0.1	-290.6
Sept.	I 340.0	62.0	I 278.0	119.5	172.6	I 224.9	6.7	—329.I	1.0	—323. 4
Oct.	I 383.I	59.8	I 323.3	123.9	169.9	I 277.3	6.7	-350.8	11.1	-355.2
Nov.	1 386.1	57.5	I 328.6	122.7	169.6	1 281.7	6.7	-358.5	2.4	-354.2
Dec.	I 352.5	62.1	I 290.4	124.9	33.8	1 381.5	6.7	— 361.0	3.0	-357-3
1969						2.1				
Jan.	1 448.8	62.7	1 386·1	122.9	30.4	1 478.6	4.2	-378.7	0.7	—375 <i>·</i>
Feb.	1 468.9	45.4	I 423.5	116.6	30.1	1 510.0	2.5	—365.I	2.7	—365. 3
March	1 466.6	41.3	I 425.3	130.4	30.6	1 525.1	2.5	367.1	1.9	366.

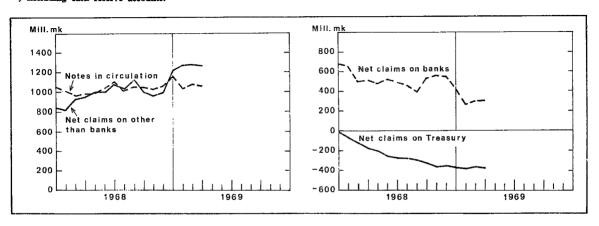
		Foreign exchange situation, mill. mk									
	Net holdings, Dec. 31, 1968			Net hold	ings March	31, 1969	Char	nge in			
	Bank of Finland	Other	Total	Bank of Finland	Other	Total	March	JanMar.			
Gold	190	_	190	189	_	189	_	— г			
IMF gold tranche	— ,	_	_	131		131	+131	+131			
Convertible currencies	1 113	3 68	745	1014	333	681	—188	64			
Other currencies	— 13	5	8	91	7	98	+ 23	+106			
Total	1 290	363	927	I 425	— <i>32</i> 6	1 099	— <i>34</i>	+172			

BANK OF FINLAND

Mill. mk

	F	innish	reditin	stitutio:	n s		O t	her		
End of year and month	Redis- counted bills	Liabiliti Private banks 1)	Post Office Savings Bank	Mortgage	Net claims on the banks (1-2-3-4)	Inland bills in Finnish currency	Other advances	Liabilities	Net claims on the rest of economy (6+7-8)	Circulation
!	1	2	3	4	5	6	7	8	9	10
1962	401.2	- 4.0	53-3	0.8	351.1	33-5	99.6	4.I	129.0	774-4
1963	325.3	1.3	3.0	1.2	319.8	57.2	94.4	1.7	149.9	943.7
1964	448.4	16.4	49.6	0.6	381.8	67.1	103.0	1.6	168.5	1 002.7
1965	640.6	11.9	8.3	0.2	620.2	26.0	121.9	31.6	116.3	I 028.5
1966	915.2	13.8	17.3	— 1.3	885.4	112.2	152.9	73.2	191.9	1 106.2
1967	867.5	154.7	34.5	+ 0.0	678.3	140.7	439.1	56.0	523.8	1 052.
1968	617.7	163.3	16.3	1.6	436.5	147.5	341.5	41.8	447.2	1 159.0
1968										
Feb.	682.9	163.8	18.4	0.1	500.6	136.5	283.6	49.1	371.0	956.
March	697.0	167.4	21.2	0.2	508.2	137.3	258.5	48.6	347-2	979.
April	653.4	156.3	19.6	+ 0.0	477-5	141.0	229.0	49.9	320.1	990.
May	701.7	160.8	17.4	0.3	523.2	131.8	228.3	50.9	309.2	1 035.
June	694.8	180.5	20.3	0.1	493.9	133.5	223.7	44.9	312.3	1 101.
July	645.0	167.0	20.2	0.2	457.6	133.5	218.7	45.1	307.1	1017.
Aug.	619.2	202.3	17.6	+ 0.0	399-3	135.9	249.8	42.3	343-4	I 054.
Sept.	677.2	132.6	18.0	0.2	526.4	139.1	259.4	42.2	356.3	1 046.
Oct.	734-7	148.7	25.7	0.0	560.3	131.4	288.1	42.0	377.5	1 035.
Nov.	719.9	130.4	35.0	0.1	554-4	132.1	323.7	41.3	414.5	1 058.
Dec.	617.7	163.3	16.3	1.6	436.5	147.5	341.5	41.8	447.2	1 159.
1969										
Jan.	452.0	169.5	18.1	+ 0.0	264.4	129.4	352.7	37.3	444.8	1 039.
Feb.	438.1	123.5	14.3	+ 0.0	300.3	134.0	379-3	32.8	480.5	1 080.
March	439.8	120.5	15.2	1.5	302.6	129.2	374.6	30.6	473.2	1 064.

1) Including cash reserve accounts.



DEPOSITS BY THE PUBLIC - FOREIGN EXCHANGE RATES

End of	Sig	ht depo	sits			Term d	eposits			
year and month	Cheque Commer- cial banks	All credit institutions	Postal giro accounts	Commer- cial banks	Savings banks	Co-op, credit societies & their cen- tral bank	Post Office Savings Bank	Savings depart- ments of co-op. stores	All credit institutions	Total (2+3+9
	ı	2	3	4	5	6	7	8	9	10
1960	550.8	680.7	135.9	1 813.6	ı 768.6	I 052.5	485.2	254.3	5 404.5	6 221.
1961	577.9	720.8	143.8	2 105.9	2 079.6	1 241.0	558.2	285.3	6 270.3	7 134.
1962	649.0	800.8	168.5	2 270.4	2 210.8	I 325.5	606.6	293.2	6 706.7	7 676.
1963	715.3	876.0	250.3	2 441.0	2 336.6	I 448.0	648.5	310.7	7 185.0	8 311.
1964	683.3	855.4	296.5	2 816.7	2 614.7	1 681.4	713.8	331.4	8 158.2	9 310.
1965	665.7	843.7	309.4	3 160.1	2 954.4	I 953.5	773.2	357.2	9 198.6	10 351.
1966	625.5	849.4	318.0	3 637.2	3 329.9	2 225.8	863.6	380.7	10 437.3	11 604
1967	649.8	834.0	340.9	4 080.8	3 644.6	2 439.7	941.2	431.3	11 537.9	12 712
1968*	832.7	1 086.5	428.4	4 580.7	3 969.8	2 699.5	1 027.2	465.0	12 742.5	14 257
1968*								į	,	
Feb.	672.5	841.1	407.1	4 148.5	3 704.1	2 475.8	967.4	421.8	11 717.9	12 966
March	664.0	837.9	353-5	4 167.7	3 736.9	2 498.4	978.0	421.I	11 802.3	12 993
April	674.9	852.2	454-4	4 209.9	3 750.5	2 525.0	979.0	420.9	11 885.5	13 192
May	697.3	890.9	403.6	4 212.2	3 758.5	2 520.6	972.0	417.5	11 881.0	13 175
June	668.8	856.9	425.7	4 249.2	3 740.9	2 510.6	965.4	414.7	11 881.0	13 163
July	758.1	959.7	381.9	4 262.5	3 747·5	2 518.8	966.8	414.4	11 910.2	13 251
Aug.	761.7	970.7	361.8	4 289.7	3 779.4	2 547-3	968.0	414.4	11 999.1	13 331
Sept.	785.6	1 001.3	388.1	4 319.2	3 806.3	2 569.3	973.2	425.3	12 093.5	13 482
Oct.	761.5	978.1	369.0	4 335.6	3 813.4	2 580.3	977.2	430.5	12 137.3	13 484
Nov.	752.7	967.8	365.6	4 374-3	3 858.2	2 608.9	985.4	440.4	12 277.5	13 610
Dec.	832.7	1 086.5	428.4	4 580.7	3 969.8	2 699.5	I 027.2	465.0	12 742.5	14 257
1969*										
Jan.	869.0	1 091.8	434.8	4 578.8	3 997.8	2 735.8	1 037.8	470.5	12 821.0	14 347
Feb.	894.5	1 109.7	461.3	4 598.5	4 031.8	2 775.I	1 051.0	475 5	12 932.3	14 503
March	923.0	I 163.0	426.7	4 636.9	4 045.0	2 798.6	1 058.5	478.2	13 017.6	14 607

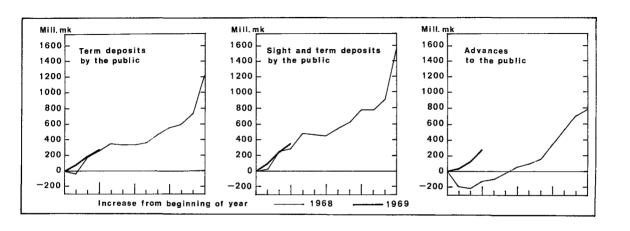
End of month	100 % Index-tied deposits	Long-term deposits 6, 12 and 24 months
1968* May June July Aug. Sept. Oct. Nov. Dec.	3 909.7 3 612.1 3 349.7 3 159.1 2 935.0 2 400.7 1 892.3 1 410.4	973.8 1 244.9 1 489.8 1 659.9 1 860.3 2 225.5 2 637.7 3 085.1
1969* Jan. Feb. March	723.3 92.8 13.9	3 699.1 4 359.4 4 558.4

Selling rates for foreign exchange April 24, 1969											
		mk		mk							
New York	ı \$	4.1870	Zurich 100 Fr	97.00							
Montreal	ı \$	3.8940	Paris 100 FF	84.25							
London	ı £	10.0050	Rome 100 Lit	0.6700							
Stockholm	100 Kr	81.06	Vienna 100 S	16.18							
Oslo	100 Kr	58.64	Lisbon 100 Esc	14.71							
Copenhagen	100 Kr	55-59	Reykjavik 100 Kr	4.76							
Frankfurt o. M.	100 DM	104.70	Madrid 100 Pta	6.02							
Amsterdam	100 Fl	115.45	Moscow, clear. 1) 1 Rbl	4.6799							
Brussels	100 Fr	8.3500	Clearing dollars 2) 1 Cl \$	4.212							

¹⁾ Also Bucharest,
2) Berlin, Budapest, Prague, Sofia, Warsaw.

ADVANCES TO THE PUBLIC - MONEY SUPPLY

		(Granted b	У		Types of	advances		
End of year and month	Commer- cial banks	Savings banks	Post Office Savings Bank	Co-op. credit societies & their cen- tral bank	Mortgage banks	Loans & Bills	Cheque credits	Total (1 to 5) (6 and 7)	Money Supply
	I	2	3	4	5	6	7	8	9
1960	2 604.6	I 549.3	395.0	1 176.0	452.2	5 861.9	315.2	6 177.1	I 494.
1961	3 048.0	1 817.6	436.8	1 462.7	515.2	6 928.2	352.1	7 280.3	1 646
1962	3 299.9	2 018.5	508.7	I 600.6	614.7	7 680.8	361.6	8 042.4	I 722
1963	3 472.5	2 134.5	544.0	I 757.7	664.3	8 226.2	346.8	8 573.0	I 986
1964	3 916.4	2 318.0	607.7	2 057.5	829.4	9 320.5	408.5	9 729.0	2 042
1965	4 279.6	2 609.2	716.5	2 348.4	899.4	10 439.6	413.5	10 853.1	2 085
1966	4 867.7	2 951.4	783.9	2 598.7	908.8	11 630.7	479.8	12 110.5	2 213
1967	5 203.7	3 247.7	869.0	2 779.5	1 026.9	12 598.9	527.9	13 126.8	2 183
1968*	5 593.3	3 442.9	940.3	2 873.6	1 053.0	13 415.9	487.2	13 903.1	2 671
1968*									
Feb.	5 130.9	3 242.3	890.8	2 632.7	1 019.0	12 413.6	502.1	12 915.7	2 174
March	5 201.6	3 241.8	903.8	2 629.7	1 017.3	12 441.3	552.9	12 994.2	2 151
April	5 198.9	3 261.1	914.8	2 645.4	1 006.3	12 528.7	497.8	13 026.5	2 275
May	5 235.3	3 287.3	915.5	2 661.0	1 004.5	12 610.5	493.I	13 103.6	2 268
June	5 288.9	3 297.0	920.8	2 679.2	999.9	12 646.8	539.0	13 185.8	2 316
July	5 270.7	3 312.1	932.5	2 701.2	999.2	12 715.1	500.6	13 215.7	2 315
Aug.	5 296.4	3 341.7	928.3	2 724.0	997.I	12 791.6	495.9	13 287.5	2 308
Sept.	5 388.6	3 372.4	930.8	2 775.5	998.6	12 951.6	514.3	13 465.9	2 378
Oct.	5 424.2	3 413.2	927.2	2 813.0	1 074.9	13 145.8	506.7	13 652.5	2 320
Nov.	5 528.9	3 446.3	930.6	2 845.1	1 073.3	13 282.8	541.4	13 824.2	2 362
Dec.	5 593.3	3 442.9	940.3	2 873.6	1 053.0	13 415.9	487.2	13 903.1	2 671
1969									
Jan.	5 590.6	3 450.3	950.6	2 888.7	1 051.4	13 430.2	501.4	13 931.6	2 497
Feb.	5 645.7	3 474.7	951.5	2 907.1	1 045.5	13 479.2	545-3	14 024.5	2 604
March	5 704-5	3 491.0	958.5	2 920.4	1 106.1	13 638.4	542.1	14 180.5	2 554



STATE FINANCES

					Mill. m
Revenue	1967	1968 Jan Nov.	Expenditure	1967	1968 Jan Nov
Income and property tax (net)	1 685	2 170	Wages, salaries, pensions etc	1 266	I 358
Gross receipts	(4 965)	(4 832)	Repair and maintenance	239	227
Refunds & local authorities	(-3 280)	(2 662)	Other consumption expenditure	563	605
Other taxes on income and property	40	39	Total consumption expenditure	2 068	2 190
Employers' child allowance payments	486	489			
Sales tax	r 908	1 873	State aid to local authorities	1 015	1 157
Revenue from Alcohol Monopoly	465	456	State aid to industries	866	817
Customs duties & import charges	466	354	of which: agric. price subsidies	(645)	(623)
Export levy	14	496	Child allowances	309	302
Excise duty on tobacco	404	382	Share in nat. pensions & health		
» » on liquid fuel	477	476	insurance	351	373
Other excise duties	113	106	Other transfer expenditure	678	760
Tax on autom, and motor cycles	167	133	Total transfer expenditure	3 219	3 409
Stamp duties	179	166			
Special diesel etc. vehicles tax	74	38	Machinery & equipment	225	249
Other taxes and similar revenue	47	52	House construction	283	243
Total taxes	6 525	7 230	Land and waterway construction	741	726
		, ,	Total real investments	1 249	1 218
Miscellaneous revenue	387	405	Interest on State debt	218	190
Interest, dividends etc.	151	122	Index compensations	18	28
Sales and depreciation of property	62	59	Not deficit of State enterprises	41	83
Redemptions of loans granted	157	I32	Other evnenditure	2	1
	-57	-32	Total other expenditure	279	302
Total revenue	7 282	7 948	Increase in inventories	38	— <i>6</i>
			Lending	406	536
Foreign borrowing		-6-	Other financial investments	131	171
Domestic borrowing	157		Total and anditum	7 390	7 820
Total borrowing	446 600	567		, 5,7-	, , , , , ,
IULAI UUTTUWIII	603	7 3 2	Redemption of foreign loans	7 1	99
			Redemption of domestic loans	506	498
Deficit (+) or surplus ()	+82	 263	Total redemptions	577	597
Total	7 967	8 417	Total	7 967	8 417

Debt	1966	1967	1968			1969		
Dest	Dec.	Dec.	Oct.	Nov.	Dec.	Jan.*	Feb *	March *
Foreign debt	1 340	1 844	1 912	1 916	2 074	1 990	1 985	1 965
Loans	2 075	2 013	2 045	2 083	2 160	2 230	2 219	2 241
Compensatory stock etc	96	5	5	5	5	5	4	4
Short-term credit	101	167	310	305	320	314	301	258
Cash debt (net)	85	—12	— 366	368	256			
Domestic debt	2 187	2 173	1 994	2 025	2 229			
Total debt	3 527	4017	3 906	3 941	4 303	••		
Total debt, mill. \$	1 094	955	933	941	1 028			

BALANCE OF PAYMENTS

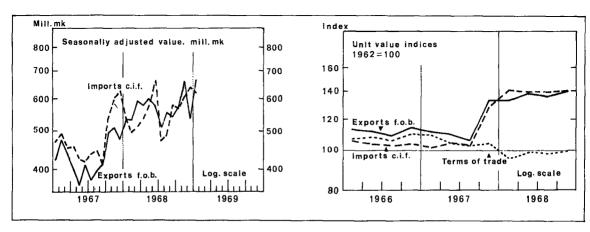
Period	Exports f.o.b.	Imports c,i,f,	Trade balance	Transpor- tation, net	Travel, net	Other services, net	Balance of goods and services	Investment income, net	Transfer payments, net	Balance of current transac- tions
1964	4 109	4831	722		-115	+ 42	165	—IOI	+ 3	762
1965	4 542	5 287	745	+330 +341	-108	+ 21	-465 -491	—131	+ 15	563 607
1966	4 784	5 542	—758	+356	— 96	+ 12	-486	150	+ 3	-633
1967	5 194	5 8 1 6	-622	+416	88	+ 17	-277	-209	- 3	-489
1968*	6 826	6715	+111	+479	— 8	+ 5	+587	262	- 5	+ 320
JanMar.				Į į			ļ	ļ		
1966	879	1 247	368	+ 72	23	+ 10	-309	38	+ 0	-347
1967	1 088	1 347	259	+ 98	- 24	2	-187	- 57		-245
1968	1 385	1 515	130	+103	— 16	+ 7	- 36	- 58	+ I.	- 93
AprJune										1
1966	I 247	I 397	150	+113	— зт	— 8	- 76	- 36	2	-114
1967	I 242	1 398	156	+ 97	— 34	+ 6	- 87	- 39	+ 1	-125
1968	1 808	1 829	— 21	+133	- I2	+ 2	+102	67	— ī	+ 34
July-Sept.										
1966	1 275	1 359	84	+ 73	— 17	+ r	27	40	+ 2	65
1967	1 241	1 256	— rs	+114	18	- 3	+ 78	— 63	+ 3	+ 18
1968	1 68o	1 500	+180	+147	+ 32	+ 0	+ 359	- 67	- i	+291
OctDec.				i				-		
1966	1 383	I 539	—r56	+ 98	— 25	+ 9	— 74	— 36	+ 3	-107
1967	1 623	1815	-192	+107	- 12	+ 16	- 81	— 50	- 6	-137
1968	1 953	1871	+ 82	+ 96	— 12	4		70	- 4	+ 88

			T	Miscella-		Short-term	Short-term	Miscella- neous		Reserve n	novements
Period	of	Amortiza- tions of long-term loans	Long- term export credits, net	neous long-term capital items, net 1)	Basic balance	import credits and pre- payments, net	export credits and pre- payments, net	short- term capital items incl. errors and omissions	Over-ail balance	Bank of Finland	Other foreign exchange holders
1964	+ 762	228	— 31	— II	— 7I	+112	+ 55	+ 83	+179	-179	
1965	+ 434	-273	66	+ 3	—509	+146	+ 34	+ 46	-283	+202	+ 81
1966	+ 518	-73 -27I	— 61	- 32	479	+ 53	- 114	+185	—355	+321	+ 34
1967	+ 910	-406	— 33	+ 13	5	-112	— 56	+ 65	—I08	+ 84	+ 24
1968*	+1 245	—868	—167	- 82	+448	+212	— 97	+ 34	+597	664	+ 67
JanMar.				1							
1966	+ 89	60	+ 2	- 15	-331	+ 43	+243	+ 12	33	+ 38	5
1967	+ 192	66	+ 12	+ 5	—I02	— 48	+ 85	+ 74	+ 9	- 50	+ 41
1968	+ 214	-140	- 54	+ 4	— 69	+168	+191	+ 24	+314	-401	+ 87
AprJune			1								
1966	+ 116	52	36	+ 3	83	+ 19	114	+ 64	-114	+121	- 7
1967	+ 315	62	+ 2	+ 4	+134	+ 44	+ 71	169	+ 80	-105	+ 25
1968	+ 396	214	— 18	18	+180	+190	—144	— 56	+170	—233	+ 63
July-Sept.											
1966	+ 111	67	9	+ 20	10	— 3	-121	+ 43	- 9I	+ 45	+ 46
1967	+ 251	- 92	— 13	+ 4	+168	- 95	— 53	+ 38	+ 58	- 77	+ 19
1968	+ 226	-212	— 14	— 29	+262	— 98	- 27	— 25	+112	— i8	— 94
OctDec.											
1966	+ 202	- 92	18	40	55	- 6	-122	+ 66	-117	+117	± 0
1967	+ 152	—ı86	— 34	+ 0	-205	13	159	+122	-255	+316	— 6I
1968	+ 410	302	— šī	— 40	+ 75	- 48	-II7	+ 91	+ 1	— I2	+ 11
Assets: increas) Including D	Direct inves	ase +. Lia tment net.	bilities: inc	rease + d	ecrease	•	•				

^{2 10070-69}

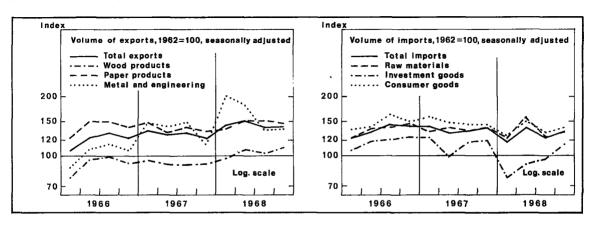
FOREIGN TRADE

	Va	lue mill	m k		υ 	nit valu	e indice	s 1962 = 10	00	
	i		Surplus of		Article	s of export	f. o. b.			
Period	Exports f. o. b.	Imports c, i. f.	exports (+) or imports (—)	Total	Round and hewn timber	Wood industry products	Paper industry products	Metal, engineering industry products	Articles of import c. i. f.	Terms of Trade
1963	3 678.0	3 866.9	-188.9	102	96	104	100	105	101	101
1964	4 131.9	4816.5	-684.6	108	109	III	104	113	103	105
1965	4 566.0	5 265.1	699.1	113	115	123	106	119	104	109
1966	4 816.9	5 524.4	-707.5	112	112	122	105	119	104	108
1967	5 231.2	5 794-4	-563.2	115	114	124	111	117	110	105
1968*	6 870.3	6 693.8	+176.5	137	122	144	131	147	138	99
1967	}									
Oct.	561.6	541.5	+ 20.1)					}	
Nov.	529.9	615.8	— 85.9	133	133	140	127	141	128	104
Dec.	542.3	649.3	107.0					}		·
1968*							ļ			
Jan.	465.0	534-3	69.3)						
Feb.	399.3	465.4	— 66.1	133	137	138	130	132	140	95
March	537.1	510.0	+ 27.1	[]				[[
April	557-3	556.3	+ 1.0)					1	
May	660.8	655.8	+ 5.0	138	114	143	131	157	139	99
June	597-5	609.7	- 12.2	IJ						
July	518.2	446.7	+ 71.5)	1		ł		}	
Aug.	575.5	470.2	+105.3	136	133	144	131	136	139	98
Sept.	595.6	575-7	+ 19.9]]				1		
Oct.	668.2	590.1	+ 78.1)						
Nov.	682.4	609.4	+ 73.0	140	120	147	131	156	140	100
Dec.	613.4	670.2	— 56.8	J						
1969*]	
Jan.	591.5	632.0	—40.5							



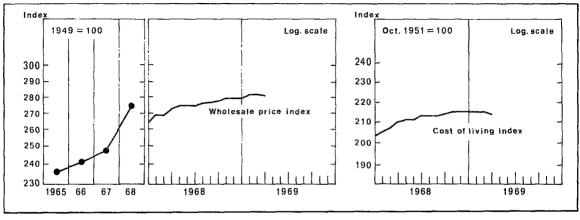
FOREIGN TRADE BY MAIN GROUPS

			Export	s, f.o.b.				Impor	ts, c.i.f.	
	:						Raw		Finishe	d goods
Period	Agri- cultural products	Round and hewn timber	Wood industry products	Paper industry products	Metal, engineering industry products	Other goods	materials and pro- ducer goods	Fuels and lubricants	Investment goods	Consume goods
1963	164.8	112.8	811.8	1 752.2	613.8	222.6	ı 827.5	373-3	1 004.3	661.8
1964	230.4	89.8	895.8	2 019.5	610.3	286.1	2 110.7	508.4	1 396.2	801.2
1965	251.8	60.3	919.8	2 165.6	800.3	368.2	2 362.4	514.7	1 511.4	876.6
1966	264.0	59.0	863.5	2 297.0	877.2	456.2	2 450.5	589.8	1 448.5	1 035.6
1967	261.4	54.3	865.7	2 384.5	1 080.6	584.7	2 545.9	668.2	1 462.8	1 117.5
1968*	323.7	55.5	1 157.7	2 994.0	1 565.9	773-5	3 006.8	873.7	1 523.9	1 289.4
1967		 			<u> </u>			 	į	
Oct.	25.4	5.5	91.5	228.0	137.6	73.6	252.7	61.3	119.2	108.3
Nov.	19.5	4.1	96.3	231.1	120.2	58.7	289.0	86.1	119.0	121.7
Dec.	42.0	3.I	79.0	243.0	108.9	66.3	268.3	75.9	186.8	118.3
1968*										
Jan.	35.1	4.0	66.2	205.4	105.7	48.6	236.1	96.0	103.4	98.8
Feb.	13.5	1.1	41.7	201.7	91.7	49.6	205.1	54.3	100.5	105.5
March	48.6	2.6	55.9	251.5	114.0	64.5	220.5	61.3	118.6	109.6
April	18.3	3.7	91.3	271.3	119.5	53.2	246.4	65.7	127.1	117.1
May	37.5	7.2	109.8	278.5	157.1	70.7	294.3	88.3	157.8	115.4
June	18.5	4.3	104.3	221.4	186.3	62.7	282.7	74.5	146.4	106.1
July	19.8	5.5	115.1	246.2	88.3	43-3	205.6	51.0	101.3	88.8
Aug.	26.0	7.0	119.6	263.6	92.6	66.7	217.9	76.4	96.3	79.6
Sept.	20.2	6.0	109.2	250.3	130.0	79.9	259.4	88.3	120.4	107.6
Oct.	24.1	6.4	119.5	283.8	150.8	83.6	270.9	61.3	138.0	119.9
Nov.	15.0	5.6	123.4	272.6	182.0	83.8	266.4	84.7	138.0	120.3
Dec.	47.1	2.1	101.7	247.7	147.9	66.9	301.5	71.9	176.1	120.7
1969*										
Jan.	46.3	2.4	91.9	257.8	126.8	66.3	259.3	111.9	138.6	122.2



FOREIGN TRADE BY COUNTRIES

		Еx	ports,	f. o. b.			I m	ports,	c. i. f.	
Area and country	Whole	year	 \	Januar	у	Whole year		January		
	1967	1968*	1968*	I	969*	1967	1968*	1968*	1	969*
	%	%	%	%	Mill. mk	%	%	%	%	Mill. mk
Sterling area	22.8	22.7	22.8	23.8	140.8	15.8	15.8	12.2	22.5	142.2
United Kingdom	20.9	20.6	21.6	21.7	128.3	15.2	15.3	12.0	22.2	140.3
Other OECD countries			!							
in Europe	44.1	46.8	52.8	49.9	295.1	53.9	54.5	52.4	48.0	303.1
Austria	0.5	0.5	0.6	1.0	6.0	0.9	1.0	1.0	0.9	5.6
Belgium-Luxembourg	2.5	2.4	2.5	2.4	14.3	2.0	2.1	2.0	1.4	8.9
Denmark	3.8	3.7	3.3	3.5	20.7	3.3	3.6	2.8	3.0	18.9
France	4.2	4.0	4.7	4.6	26.9	3.7	3.6	3.8	3.2	20.2
Western Germany	8.6	10.5	10.6	11.7	69.0	16.2	15.5	15.7	14.7	93.2
Italy	3.1	3.0	3.2	2.9	17.3	2.0	2.2	2.0	2.2	13.6
Netherlands	5.1	4.6	6.1	4.3	25.3	3.8	3.6	3.1	3.5	22.0
Norway	2.4	2.6	6.1	1.9	11.5	2.3	2.4	2.3	2.3	14.2
Portugal	0,2	0.2	0.4	0.3	1.8	0.4	0.5	0.5	0.4	2.8
Spain	1.0	0.9	0.5	0.8	4.5	0.5	0.4	0.5	0.5	3.6
Sweden	9.7	10.9	10.3	12.0	71.2	15.4	15.9	14.8	12.7	80.5
Switzerland	1.0	1.5	2.1	2.2	12.8	3.0	3.3	3.2	2.8	17.4
Eastern Bloc	21.2	19.2	10.3	14.3	84.3	20.4	20.9	26.4	19.8	125.2
China	0.8	0.7	<u> </u>	0.6	3.8	0.5	0.4	0.2	0.2	1.2
Czechoslovakia	0.4	0.5	0.2	0.5	3.1	0.6	0.7	1.0	0.7	4.3
Eastern Germany	0.7	0.6	0.4	0.4	2.4	0.9	0.9	ı.ı	0.8	5.2
Poland	1.4	1.2	0.6	1.4	7.9	1.6	1.6	1.1	1.4	8.8
Soviet Union	17.1	15.5	8.2	11.0	64.9	16.1	16.7	21.9	16.0	101.5
U.S. and Canada	6.0	6.1	8.5	6.6	39.0	4.1	3.7	4.6	3.8	24.0
United States	5.8	5.8	8.3	6.3	37.5	3.9	3.5	44	3.6	22.7
Latin America	2.9	2.9	3.5	2.1	12.6	2.7	2.6	2.1	3.3	20.9
Argentina	1.0	0.9	0.7	0.8	4.8	0.2	0.2	0.1	0.1	0.4
Brazil	0.8	0.7	0.9	0.4	2.6	1.2	1.0	1.3	1.9	12.1
Colombia	0.3	0.3	0.5	0.4	2.3	0.8	0.8	0.5	1.0	6.6
Other	3.0	2.3	2.1	3.3	19.7	3.1	2.5	2.3	2.6	16.6
Grand total	100.0	100.0	100.0	100.0	591.5	100.0	0.001	100.0	100.0	632.0
of which						i			1	-
EFTA countries	38.5	40.1	44.4	42.7	252.4	40.6	42.0	36.6	44.2	279.5
EEC countries	23.5	24.5	27.1	25.8	152.9	27.7	27.0	26.5	25.0	157.9



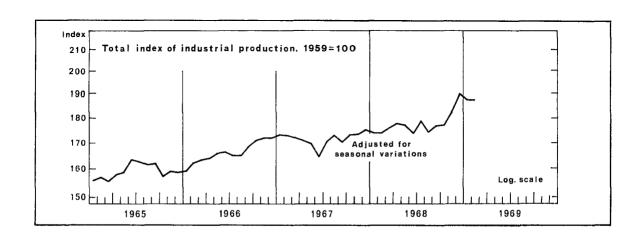
PRICE INDICES

			W h	olesale	price	s 1949 :	= 100				lding c 1964 = 10	
		Or	igin		Purpose		Stag	e of proce	ssing			
Period	Total	Domes- tic goods	Im- ported goods	Pro- ducer goods	Machin- ery & transport equipm.	Con- sumer goods	Raw materials and com- modities	Simply processed goods	More elab- orately processed goods	Total	Wages in building trade	Building materials
1966	241	247	216	245	228	238	271	233	228	108	106	104
1967	248	254	225	246	241	253	276	236	240	114	112	107
1968	275	280	259	271	276	281	301	264	268	126	133	115
1968					İ							
March	273	277	256	267	276	279	295	262	266	125	130	114
April	275	279	259	270	277	281	296	265	269	125	130	114
May	275	279	260	270	277	282	297	264	269	125	130	114
June	275	279	260	269	277	283	298	265	269	127	135	115
July	276	281	258	270	277	285	302	264	269	127	135	115
Aug.	277	282	258	271	277	285	303	263	270	127	135	115
Sept.	278	282	259	273	277	283	305	264	270	127	135	115
Oct.	279	284	260	275	277	284	309	266	270	127	135	115
Nov.	279	285	260	277	277	284	310	267	270	127	135	116
Dec.	279	284	260	277	277	283	309	267	269	127	135	116
1969		!										
Jan.	281	285	263	277	285	284	311	268	271	129	139	116
Feb.	282	287	264	278	285	287	315	268	271	129	139	116
March	281	285	264	278	285	283	313	265	271	129	139	117

		Con-				Consu	mer p	rices 1	967 = 100			
Period	Cost of living Oct, 1951 = 100	sumer prices OctDec. 1957 = 100	Total	Food	Bever- ages and tobacco	Clothing and foot- wear	Rent	Heating and lighting	Furniture, household equip, and operation	Traffic	Education and recreation	Other goods and services
1966	185	145										
1967	195	153	100	100	100	100	100	100	100	100	100	100
1968	212	166	109	III	110	106	107	108	109	110	108	109
1968												
March	210	165	108	109	110	105	107	108	108	110	107	107
April	211	166	109	111	110	107	106	108	109	110	108	108
May	211	166	109	111	110	107	106	108	109	110	108	108
June	213	167	110	112	110	107	107	108	109	110	108	109
July	213	167	110	113	110	107	108	107	109	109	108	110
Aug.	213	168	110	113	110	107	108	107	110	109	108	110
Sept.	214	168	110	113	110	107	108	108	110	109	108	110
Oct.	215	168	III	114	110	108	109	109	110	109	108	110
Nov.	215	168	111	114	110	108	109	109	110	109	108	110
Dec.	215	168	111	114	110	108	109	109	110	109	109	110
]						109	110
1969	ł								<i>)</i> 		İ	
Jan.	215	169	III	114	III	108	110	110	110	109		
Feb.	215	169	III	114	111	108	110	110	110	109	109	III
March	214	168	110	112	III	108	110	110	110	109	110	III

PRODUCTION - INTERNAL TRADE

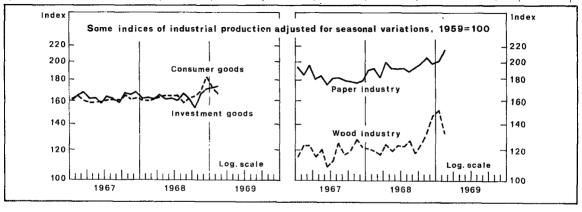
		Ind	ex of i	ndustri	al pro	ductio	п 1959:	= 100		Commer- cial	Wholesale
Period	Total	Invest-	Other	Consumer		l indices	of manufa	cturing	Total, adjusted	timber fellings	volume index
	Total	ment goods	producer goods	goods goods		Wood Paper Meta industry industry indust		Other	for normal seasonal variations	1 000 piled cu. m	1954 = 100
1966	167	160	175	151	121	191	163	165	166	46 507	174
1967*	171	164	178	161	119	182	166	175	172	44 963	181
1968*	177	163	185	164	124	193	168	179	178	47 733	176
1967*			j		1						
July	124	79	137	112	92	177	77	127	171	955	159
Aug.	175	153	179	174	112	188	158	186	173	1 978	189
Sept.	178	169	183	171	117	189	170	183	170	2 488	197
Oct.	191	190	196	182	120	194	190	199	173	3 166	223
Nov.	186	183	194	170	122	181	185	193	174	2 969	184
Dec.	165	167	173	148	108	164	167	164	175	3 389	182
1968*											
Jan.	181	175	189	165	119	193	180	176	174	3 509	137
Feb.	179	180	188	162	132	192	184	175	174	4 977	158
March	187	184	197	170	135	203	188	185	176	4 898	164
April	178	167	184	168	140	185	174	181	178	4 384	174
May	186	173	194	178	142	199	178	192	177	10 331	188
June	154	145	157	152	106	151	146	165	174	1 875	157
Iuly	133	81	146	120	105	189	86	134	179	955	169
Aug.	174	154	180	169	112	195	158	181	174	1 751	190
Sept.	182	167	191	168	115	203	174	183	177	2 279	193
Oct.	200	183	208	188	129	216	190	206	177	3 353	204
Nov.	194	182	205	174	125	209	189	195	182	3 880	184
Dec.	176	163	186	158	122	180	170	176	190	5 541	192
1969*											
Jan.	195	186	206	177	149	204	191	191	188	8 134	159
Feb.	185	176	195	168	141	207	184	178	187	8 834	168



BUILDING - WAGES - TRANSPORT - EMPLOYMENT

	Bui	ildings	omplete	d, mill.	cu. m	Buildings under construc- tion at end	Index of salary and wage earners' earnings 1957 = 100				
Period		Dwelling	Farm	Commer-	Official			W	age earners	in	
	Total	houses	buildings	industrial buildings premises		of period mill. cu. m	and wage earners	Agri- culture	Forestry	Manu- facturing	
1966	26.54	11.26	2.80	8.19	3.00	36.34	191	198	200	191	
1967	31.34	12.42	2.93	10.83	3.49	31.55	207	216	217	207	
1968*	• •				• • • • • • • • • • • • • • • • • • • •		231	232	252	229	
1967			! !								
AprJune	7.60	2.62	0.54	3-35	0.69	34.14	207	217	230	207	
July-Sept.	8.46	2.71	0.92	2.44	1.79	33.00	209	214	229	210	
OctDec.	8.69	4.46	1.10	2.16	0.45	31.55	210	223	232	211	
1968*											
Jan Mar.	4.85	2.19	0.24	1.84	0.41	29.62	221	226	217	224	
AprJune	6.16	2.54	0.51	1.88	0.82	33.70	224	229	224	229	
July-Sept.	7.65	3.17	0.89	r.88	1.07	34.29	230	234	237	235	
Oct Dec.	••				• •		236	235	271	235	

	Rail	ways	1	Foreign	shippin	g	Labou	r input	Unempl	Unemployment	
Period	1	cks loaded sands	Vessels arrived with cargo — 1 c		Vessels departed		1 000 man-months		% of total labour force		
	1968	1969*	1968*	1969*	1968*	1969*	1968*	1969*	1968*	1969*	
Jan.	114	115	885	893	772	797	I 792	1 79 5	5.8	4.6	
Feb.	115	113	723	695	603	607	1 772	! !	5.3		
March	129	131	7 77	766	687	695	1 767		5.0		
April	128		995		767		1 763		4.8		
May	125		I 233		1 109		1814		3.5		
June	103		1 466		1 263		I 774		3.6		
July	123		I 703		I 540		I 553		36		
Aug.	124		1 608		I 495		I 683		3.2		
Sept.	120	l	I 345		1 106		I 773		3.2		
Oct.	133		1 359		1 005		1 804		3.2		
Nov.	125	1	I 372		968		1 824		3.6		
Dec.	104		1 197		864		1 824		4.0		



16 No. 5, 1969

EXPLANATIONS RELATING TO THE STATISTICAL SECTION

PRE-1963 VALUES ARE GIVEN IN THE NEW MONETARY UNIT, ONE NEW MARK BEING EQUIVALENT TO ONE HUNDRED OF THE OLD MARKS.

BANK OF FINLAND

Page 3. The items of the statement of the Bank of Finland are described in Monthly Bulletin No. 10, 1955, p. 25.

Page 4. Since Dec. 31, 1965 Gold and foreign exchange = Gold (valued on basis of the par value of the mark) + IMF gold tranche + Foreign exchange. Other foreign assets = Foreign bills + Foreign bonds. Other foreign liabilities = Mark accounts of holders abroad + Foreign term liabilities. Treasury bills and bonds: Including Treasury bond loan + Treasury bill covering certain IMF and IBRD accounts (included in Other claims). Other claims, net = Advances for stand-by stocks — Export levies (net). Foreign exchange situation: Gold holdings are valued on basis of the par value of the mark. Gold tranche position measures that part of Finland's quota which may be drawn essentially automatically in convertible exchange against payment in marks.

Page 5. Other advances = Inland bills in foreign currency + Cheque accounts (assets) + Other claims excl. Treasury's IMF and IBRD bill and Advances for stand-by stocks. Liabilities = Other cheque accounts + Other sight liabilities + Finnish term liabilities — Account of the Mortgage Bank of Finland Oy. — Cash reserve accounts. — Export levies (net). Diagrams. Left: Net claims on other than banks = Net foreign assets + Net claims on the Treasury + Net claims on the rest of economy + Finnish bonds + Finnish coin — Equalization accounts = Notes in circulation + Bank's own funds — Net claims on the banks.

DEPOSITS BY THE PUBLIC — ADVANCES TO THE PUBLIC — MONEY SUPPLY

Commercial bank and mortgage bank figures obtained from the official bank statistics, savings bank figures from the Central Statistical Office, other figures from the respective credit institutions or their central banks.

Page 6. Cheque accounts in all credit institutions relates to commercial banks, savings banks, co-operative credit societies, and mortgage banks. Term deposits in all credit institutions includes a small amount of deposits in mortgage banks. Indextied deposits and high-interest deposits are included in term deposits.

Page 7. Money supply = Finnish notes and coins in circulation — Finnish notes and coins held by the banks + Cheque accounts of the public + Postal giro accounts of the public

STATE FINANCES

Page 8. Official figures computed by the Economic Department of the Ministry of Finance. First date of publication: Bulletin No. 8, 1968. Revenue and expenditure: Extra-budgetary funds and the aggregated net current deficit of State enterprises are included. Figures are reported on a cash payment basis. Debt: Foreign debt includes promissory notes given to international organizations. Index-tied bond loans are taken at nominal values. Cash debt (net) = net debt to the Bank of Finland plus short-term debt to the Post Office Savings Bank less cash holdings (net) of State departments and funds.

BALANCE OF PAYMENTS

Page 9. Figures are calculated by the Bank of Finland Institute for Economic Research. In addition to the Board of Customs figures, exports include grants in kind but exclude stevedoring expenses and imports include seamen's duty-free imports, non-monetary gold, grants in kind and adjusted allowance for smuggling.

FOREIGN TRADE

Pages 10—12. Figures supplied by the Board of Customs. The unit value indices (p. 10): The indices are calculated according to the Laspeyres formula. At the end of the year the arithmetic mean of the Laspeyres indices corresponds to the annual level of the Fisher index formula. Terms of trade: the ratio of export indices to import indices. Figures in diagrams (pp. 10 and 11) are seasonally adjusted excl. unit value index figures. Foreign trade by countries (p. 12): imports by countries of purchase, exports by countries of sale.

PRICE INDICES

Page 13. All indices calculated by the Central Statistical Office.

PRODUCTION - INTERNAL TRADE

Page 14. Index of industrial production calculated by the Central Statistical Office. The grouping by branches of industry is in accordance with the international nomenclature (ISIC). The seasonally adjusted series is calculated by the Bank of Finland Institute for Economic Research on the basis of the index of industrial production per working day according to a method resembling the U.S. Bureau of Census Method II. Commodities according to use: investment goods weight 14.3, other producer goods weight 57.0 and consumer goods weight 28.7. Special manufacturing indices: wood industry ISIC no. 25, weight 6.6, paper industry no. 27, weight 13.1, metal industry nos. 34-38, weight 23.5, and other manufactures nos. 20-24, 26, 28-33, 39, weight 44.0. Commercial timber fellings compiled by the Ministry of Communications and Public Works. Since July 1965 figures have been adjusted by the Bank of Finland Institute for Economic Research. Wholesale trade volume index calculated by the Ministry of Finance.

BUILDING - WAGES - EMPLOYMENT - TRANSPORT

Page 15. Building figures supplied by the Central Statistical Office. Index of salary and wage earners' earnings calculated by the Central Statistical Office. Beginning 1957, the weights employed are determined according to the structure of total earnings in 1957; for 1954—1956, the weights are in accordance with earnings in 1951. Railway figures supplied by the Board of Railways. Shipping figures supplied by the Board of Railways. Shipping figures supplied by the Labour Research Bureau of the Ministry of Communications and Public Works, both based on the labour force sample survey. Labour input represents the estimated average number of days worked. (See article in No. 10, 1960 of this Bulletin).

SYMBOLS USED

* Preliminary . Less than half the final digit shown . Logically impossible .. Not available — Nil A line drawn across a column between two consecutive figures indicates that the figures above and below the line are not strictly comparable.

SOME PARTICULARS ABOUT FINLAND

FORM OF GOVERNMENT

From 1154 to 1809 Finland formed a part of the kingdom of Sweden. It then became an autonomous Grand Duchy connected with Russia until December 6, 1917, the date of Finland's declaration of independence. The republican constitution was adopted in 1919. The legislative power of the country is vested in Parliament and the President. The highest executive power is held by the President, elected for a period of 6 years. The President for the current period, March 1, 1968, to March 1, 1974, is Urho Kekkonen.

Parliament, comprising 200 members, is elected by universal suffrage for a period of 4 years. The number of seats of the different parties in Parliament elected in 1966 were as follows, numbers in brackets indicating present state of parties: Social Democrats 55, Centre Party 49 (50), People's Democrats 41 (42), Conservatives 26, Swedish Party 12, Liberal Party 9 (8), Social Democratic League 7 (6), and Finnish Farmers' Party 1.

LAND

THE AREA is 337 000 square kilometres (Great Britain's area is 245 000 sq. km and Italy's area 301 000 sq. km). Of the total, inland waters form 9.4 %. On an average 15.8 % of the land in the South of Finland is cultivated (1960), 2.3 % in the North and 9.2 % of the land as a whole. Of the land area 21.8 mill. ha (53.9 mill. acres), or 71.3 %, are covered by forests.

OWNERSHIP OF LAND (1960): The total land area was distributed among different classes of owners approximately as follows: private 60.9 %, State 31.8 %, joint stock companies etc. 5.6 %, municipalities and parishes 1.7 %

POPULATION

NUMBER OF INHABITANTS (1967): 4.7 million, Sweden 7.9, Switzerland 6.1, Denmark 4.8 and Norway 3.8 million.

DENSITY OF POPULATION (1967): In South Finland 26.0, in North Finland 4.3 and in the whole country an average of 15.3 inhabitants to the square kilometre.

DISTRIBUTION BY AREA (1967): 52 % of the population inhabit the rural areas, 48 % towns and urban districts. The largest towns are: Helsinki (Helsingfors), the capital 528 300 inhabitants, Tampere (Tammerfors) 150 200, Turku (Åbo) 148 100.

OCCUPATIONS (1960): Agriculture and forestry 32 %, industry and construction 31 %, commerce 9 %, transport and communications 7 %, services 11 %, economically inactive independent persons 11 %.

LANGUAGE (1960): Finnish speaking 92.4 %, Swedish speaking 7.4 %, others 0.2 %.

BDUCATION (1967): Practically all persons over 15 years of age are literate. There are 6 universities (the oldest founded in 1640), 6 colleges of university standard, and 2 teacher training colleges, besides teacher training departments in two of the universities.

INCREASE OF POPULATION (1967): births 16.5 % of deaths 9.4 % of one of offic

TRADE AND TRANSPORT

NATIONAL INCOME (1967, in million marks) Gross domestic product at factor cost by industrial origin: agriculture 2 295 (9%), forestry and fishing 1 798 (7%), manufacturing 7 907 (30%), construction 2 544 (9%), transport and communication 1 920 (7%), commerce, banking and insurance 3 507 (13%), public administration 1 221 (4%), other services 5 494 (21%), total 26 686. Index of real domestic product 109 (1964 = 100).

FOREST RESOURCES (1960—1963): The growing stock comprised 1 410 million of solid cu. m incl. bark (49 797 million

cu. ft), of which pine 43 % and spruce 38 %, the rest 19 % being leaf-trees, chiefly birch. Of the growing stock 13 300 million cu. ft, 56 % of them pine, was up to the standard required for logs. The annual growth is 43 million solid cu. m green wood excl. bark (1 519 mill. cu. ft). The total removal in 1963 calculated according to the use of wood was 51 million cu. m excl. bark (1 815 million cu. ft).

AGRICULTURE (1960): Cultivated land 2.6 million hectares of which holdings of less than 5 ha. amount to 17 %, 5 to 15 ha. 48 %, 15 to 50 ha. 30 % and more than 50 ha. 5 %. Number of holdings 388 000, of which 184 000 are of more than 5 ha. Index of agricultural production 100 for 1968 (1964 = 100). Measure of self-sufficiency in bread cereals 81 % in the crop year 1967/68.

INDUSTRY (1966): Gross value of industrial production 20 900 mill. marks, number of workers 356 100, salaried employees 84 200, motive power (1966) 4.2 mill. kW. Index of industrial production 171 for 1967 (1959 = 100).

RAILWAYS (Jan. 1, 1969): Length 5 709 km, of which 5 680 km are State and 29 km private railways.

MERCHANT FLEET (March 31, 1969): Steamers 76 (106 438 gross reg. tons), motor vessels 416 (1034 252 gross reg. tons), sailing vessels with auxiliary engines 14 (1776 gross reg. tons). Total 506 (1142 466 gross reg. tons).

MOTOR VEHICLES (Dec. 31, 1968): Passenger cars 580 700, lorries and vans 92 600, buses 7 700, others 4 400. Total 685 400.

SCHEDULED AIR TRAFFIC OF FINNISH COMPANIES (1968): Kilometres flown 14.7 million, passengers carried 895 700, passenger kilometres 439.0 million, and ton kilometres of freight and mail 7.6 million.

FINANCE AND BANKING

CURRENCY. Since 1860, Finland has had its own monetary system. From 1877 until 1914 the country was on the gold standard, and returned to it in 1926. In 1931, the Central Bank's duty to redeem bank notes in gold was suspended and at the end of 1962 was entirely cancelled. The monetary unit is the mark (Finnish markka). From Oct. 12, 1967, the par value of the mark has been changed from 0.27771 grams of fine gold per mark (equivalent to 3.20 marks per U.S. dollar) to 0.21159 grams of fine gold per mark (equivalent to 4.20 marks per U.S. dollar). Finland has been a member of the International Monetary Fund since 1948.

MUNICIPAL FINANCES. In the finance accounts for 1966 expenditure amounted to 4 115 mill, marks. Total revenue was 4 141 million, of which income from taxation 2 133 million. The municipal income tax (non-progressive) averaged 12.45 % of the ratepayers' taxable income.

THE CENTRAL BANK. The Bank of Finland functions under the guarantee and supervision of Parliament. Its Board of Management is appointed by the President of the Republic; the Bank Supervisors, nine in number, are elected by Parliament. The Bank has a head office in Helsinki and 12 branches in other towns

OTHER CREDIT INSTITUTIONS (Dec. 31, 1968)
There are two big and four small commercial banks with in all
822 offices, 350 savings banks, 470 cooperative credit societies
and their central bank, six mortgage societies, and POSB. The
savings departments of the cooperative stores accept deposits
from their members. The National Pension Institute and sixtytwo private insurance companies also grant credits.

RATES OF INTEREST (March 1, 1969). Bank of Finland discount rates 6—7 ½%. Other credit institutions: term deposits 4%, 6 months' deposits 4½%, 12 months' deposits 5%, 24 months' deposits 6%; highest lending rate 10%.

FINLAND'S FOREIGN TRADE IN 1968

By
RALF PAULI, Mag. Pol.
FELLOW OF THE BANK OF FINLAND INSTITUTE FOR ECONOMIC RESEARCH

INTERNATIONAL BACKGROUND

1968 proved to be a much better year for world trade than had generally been expected. Total exports and imports of the OECD-countries increased by 12 per cent in value, i.e. by twice as much as the previous year and even more than in the record year of 1964 when the increase was 10 per cent. This considerable increase was above all traceable to the extraordinarily strong import demand of the USA, Western Germany and the United Kingdom. As a result an export-induced cyclical upswing was generated in several countries. In 1968 the rise in the aggregate output of the industrial countries was more than 5 per cent and thus exceeded the average rate of growth of recent years. The corresponding figure for 1967 was 3 per cent.

In the United Kingdom and Western Germany, the two most important Western export markets for Finland, the rate of growth of GNP accelerated markedly. In France and Italy there was a slight decline in the growth rate. In Sweden a faster rate of growth was resumed in the latter part of the year, but the increase in GNP over the year as a whole was still moderate at 3.5 per cent. In the United States the rate of growth of GNP doubled over the previous year and was thus 5 per cent.

The favourable development of production and trade took place against the back-

ground of a particularly unstable international currency scene. Disequilibrium between surplus and deficit countries was further accentuated and the world economy hit by two serious foreign exchange crises, one in March unleashed by the continuous dollar outflow and the other in November when confidence in the French franc was still weak and speculation in a possible revaluation of the deutschemark reached its height.

FOREIGN TRADE AND ECONOMIC DEVELOPMENT IN FINLAND

The devaluation of the Finnish mark in October 1967 was a significant factor influencing foreign trade in 1968. Foreign exchange rates were raised, in terms of domestic currency, by 31 per cent but the effective change was about 26 per cent when the devaluation of the pound sterling and the other currencies which followed in its wake are taken into consideration. When comparing the average prices in 1968 and 1967 it must be borne in mind that slightly less than 20 per cent of the rise in the value of commodity trade in terms of marks is ascribable to calculation factors as devaluation also increased prices for two and a half months in 1967.

In 1968 import prices expressed in domestic currency rose by approximately 19 per cent, which exactly corresponds to the calculated devaluation effect. It can therefore be concluded that the corresponding 1968 dollar prices were on the whole the same as in 1967, i.e. foreign producers were not, at least not to any appreciable degree, willing to lower their prices. Neither does it seem that there occurred on the demand side a shift to a less expensive assortment of commodities which would have appeared in the statistics as a downward slide in prices.

The initial rise in export prices expressed in domestic currency did not wholly correspond to the pure devaluation effect, but was roughly 5 percentage units smaller. In the second, third and last quarters of 1968 there took place, however, a recovery in this respect as the price level of metal and woodworking industry products showed a tendency to rise. The average level of export prices in terms of domestic currency was thus nearly 18 per cent above the average level in 1967.

We might ask why Finnish exporters did not lower their prices to a greater extent than was the case in order to increase their market share. First the immediate benefits of the devaluation in terms of improved international competitive position were restricted by an export levy averaging 11 per cent at the beginning and 4 per cent at the end of 1968. Furthermore, the scope for price policy with regard to paper and pulp is largely defined in cooperation with other Nordic producers.

The volume of Finnish exports increased by approximately 12 per cent in 1968 reflecting a simultaneous recovery of economic activity in Finland's four most important Western export markets, i.e. the United Kingdom, Sweden, Western Germany and the United States. These countries take nearly one half of Finnish export products. Consequently exports to market economies increased by roughly 15 per cent in real

terms, while those to centrally planned economies remained at the same level as the previous year. In 1967 when the growth rate of GNP in industrial countries was the lowest since the recession in 1958 there was on the other hand a substantial increase in bilateral deliveries, whereas the increase in exports to the West was negligible.

As a result of the change in relative prices in favour of domestic producers and the slow recuperation of the domestic economy, import demand remained weak throughout 1968. The volume of imports in fact decreased by approximately 3 per cent. There was a shift in the composition of imports, typical of a recession, towards raw materials and semi-finished products. There was in addition a slight increase in imports of raw materials and fuels while imports of finished goods decreased markedly.

A devaluation is, typically, accompanied by a deterioration in the terms of trade. In Finland, the deterioration has been very modest. Preliminary unit value indices of exports and imports point to a 3 per cent deterioration between 1967 and 1968.

According to the most recent figures. in 1968 the value of Finnish exports amounted to 6874 million marks, or to 31 per cent more than in 1967. The value of imports totalled 6711 million marks, or 16 per cent more than in 1967. Thus foreign trade resulted in a surplus, for the first time in the 1960's, of 163 million marks as against a deficit 563 million marks in 1967. It can therefore be asserted that the effects of devaluation and of the stabilization measures undertaken in connection with it have proved to be favourable. The favourable influence of devaluation was reinforced by the unexpected strong international upswing and the slow recovery of growth in the domestic economy. The surplus accruing from multilateral trade was no less than

250 million marks but there was a deficit of 87 million marks in bilateral trade. (See table 1)

TABLE 1. BALA EXPORTS	NCE OF T FOB — I	RADE IN 1962—IMPORTS CIF 1)	1968,
	Bilateral trade	Multilateral trade	Total trade
	I	Aillion marks	
1962	57	 453	396
1963	 54	135	189
1964	353	331	684
1965	6	693	699
1966	181	526	707
1967	97	 466	— 5 63
1968	- 87	$+\ 250$	+ 163

¹⁾ Exports by countries of sale, imports by countries of purchase.

1968 87

EXPORTS

The seasonally adjusted volume index for total exports rose sharply in the first quarter of 1968 and remained high in the second. Due to a setback in the third quarter the volume index fell and was thus 5 per cent smaller in the second half of the year than in the first.

The share in total exports of wood based products, i.e. round and hewn timber and wood and paper industry products, continued to fall. In 1968 their share was 61 per cent as against 63 per cent the previous year. At the beginning of the decade their share was more than three quarters (see table 2). This gradual shift in importance towards metal and engineering industry goods and consumer goods has taken place in spite of reasonable rates of growth in the export of wood based products, which have averaged 7 per cent, compared with 10 per cent for total exports.

In 1968 the volume of exports of paper increased by nearly 10 per cent against a fall of 2.5 per cent in 1967. The demand for newsprint increased only slightly, but the demand of paper manufactures increased the more notably, indicative of a long-run structural shift. The increase was markedly higher for EEC countries than for EFTA

TABLE 2. THE STRUCTURE OF FOREIGN TRADE BY COMMODITY GROUPS, AVERAGE IN 1959—1961, 1967 AND 1968

1001 1111			
	verage in 959—1961		1968
	Рe		
Exports			
Agricultural products	5.1	5.0	4.7
Round and hewn timber	7.1	1.0	0.8
Wood industry products	25.1	16.6	16.9
Paper industry products	43.9	45.6	43.6
Metal and engineering in-			
dustry products	14.3	20.6	22.8
"New exports"	4.5	11.2	11.2
	100.0	100.0	100.0
Imports			
Raw materials	48.5	43.9	44.9
Fuels and lubricants	9.7	11.5	13.1
Investment goods	24.4	21.5	19.8
Consumer goods	14.9	19.3	19.3
Passenger cars	2.5	3.8	2.9
	100.0	100.0	100.0

countries. The demand for pulp, on the other hand, was particularly keen in the EFTA countries resulting in a 7 per cent increase in total. On the supply side there was capacity available for expansion as there had been a setback in exports of pulp and paper in the previous year and domestic demand remained weak throughout 1968.

A distinct recovery was noticeable in the European sawn goods market last year following the downward trend of the last two or three years. This development is also reflected in the Finnish export figures. The contraction in exports of sawn goods which has continued since the beginning of the 1960's, except for a minor break in 1964, came to an end in 1968, at least temporarily, as there was a good 14 per cent increase from 745 000 stds. to 850 000 stds. This rise was, however, partly due to an incidental delay in shipments around the turn of the year, induced by exceptionally uncertain price expectations. In the spring of 1968 foreign currency prices settled down somewhat below the predevaluation level. In the third quarter prices started to rise and at the end of the year

No. 5, 1969

they were slightly above the price level which had prevailed before the devaluation but still a good way below the peak level of 1965.

The value of metal industry products rose by 45 per cent on the previous year suggesting an increase in real terms of nearly 20 per cent as against 26 per cent in 1967. Owing to the aforementioned insensibility of Finnish bilateral trade to general business cycles, the share of the Eastern Bloc fell from 45 to 41 per cent. while the share of the EFTA and EEC countries rose from 43 to 52 per cent. The value of metal industry product exports to Western Germany more than doubled, to the United Kingdom almost doubled and to Sweden grew by four fifths. Indeed, the value of metal industry products going to Sweden, the most important purchaser country in the West, was last year more than one half of the value of deliveries to the Soviet Union, our traditional purchaser country of metal industry products. The export value of ships increased by one half. The same is valid for the exports of machines while exports of metals as such grew somewhat less.

The value of the remaining group of industrial exports, often called the "new exports", increased by 32 per cent. As might be supposed the reductions in foreign currency prices were more notable for these commodities than for exports in general, the increase in volume having been estimated at nearly 20 per cent. In recent years the increase has been between 20 and 30 per cent.

In 1968 the share of agricultural products in total exports fell below 5 per cent. Deliveries of the traditional products, butter and cheese, measured in tons, increased only marginally. The quantities remained roughly at the level which has prevailed

throughout the 1960's. Exports of eggs, which have been growing in recent years, fell by 15 per cent. The steadily rising trend in the export of furs, almost exclusively of mink, continued in 1968. The increase was about 70 per cent in value expanding the share of furs in agricultural exports to over one third. As a whole, the volume of agricultural exports remained roughly on the same level as in the previous year.

IMPORTS

Import demand remained slack throughout 1968. The volume index of imports fluctuated vigorously, however, from quarter to quarter reflecting uncertainty about the timing of the domestic upswing which was already in sight. High import prices, furthermore, made importers reluctant to restore stock positions particularly if there were hopes of price reductions.

The volume of imports of raw materials was roughly the same size as in the previous two years. According to preliminary estimates the volume increased by 2 per cent against a decrease of 1 per cent in 1967. Import expenditure on raw materials grew. however, by 19 per cent suggesting a rise in the average price level of 16.5 per cent. Among those branches of industry requiring raw materials from abroad there was a distinct increase in demand from the chemical industry and agriculture. Imports of raw materials for the foodstuffs industry decreased substantially and for the metal industry moderately. Imports of raw materials for other branches of industry were of about the same size as the previous year. Imports of raw materials accounted for 45 per cent of total imports, or one percentage unit more than in 1967 (see table 2). This typical recession effect has possibly been reinforced by a lower degree of substitutability between foreign and domestic output within the group of raw materials as compared with finished goods.

The volume of imports of fuels and lubricants also increased in 1968 although by less than the average long-term rate. The increase was about 5 per cent against an increase of 7.5 per cent in 1967. The structural shift towards liquid fuel continued in 1968.

For the third year in succession the volume of imports of investment goods dropped — in 1968 by 10 per cent. The decline in private investment activity was 6 per cent. According to past experience, cyclical quantity variations are far more pronounced in imports of investment goods than in other import categories.

The volume of imports of consumer goods, excluding passenger cars, decreased by approximately 5 per cent over 1967. The volume of imports of non-durable consumer goods was only slightly smaller than in 1967, whereas the decline was more notable for durable consumer goods. The decline was particularly marked in textiles, machines and metal goods. For the third year

in succession the number of imported passenger cars fell. In 1968 the number of imported passenger cars was only 50 000, i.e. only one half of the number imported in 1965

THE REGIONAL PATTERN

In 1968 the long-run regional shift in trade in favour of the EFTA countries continued. The share in total imports of the EEC countries decreased but, in opposition to developments of recent years, the share in total exports to the EEC coutries increased. (See table on page 12 for relative shares of trade blocs and some selected countries.) There was a 39 per cent increase in Finland's exports to the EFTA countries while imports from them grew by 20 per cent. The increase in exports to the EEC countries was 37 per cent, whereas imports grew by no more than 12 per cent. Finland's deliveries to the Eastern Bloc advanced by 17 per cent and imports by 22 per cent. Exports to other countries increased by 25 per cent against a rise in imports of only 7 per cent.

ITEMS

Trade agreement. On April 22, 1969, an agreement was signed between Finland and the People's Republic of China regulating the exchange of goods for 1969. Each country will deliver goods up to the value of 62 million marks. In 1968 Finnish exports to the People's Republic of China amounted to 48.3 mill. marks and imports to 28.7 million.

According to the agreement the Finnish export list includes cellulose, paper and board products, urea, machines, appliances and instruments, shipbuilding products, rayon, veneer and copper products. The

import list comprises soya beans and other beans, vegetable oils and oil seeds, chemicals and pharmaceuticals, households equipment, handicraft products and china ware.

The collection of the export levy has been terminated. In accordance with paragraph 3 of the Export Levy Act, in force from October 21, 1967 until December 31, 1969, the collection of the export levy has been terminated by decree. No levy has to be paid on goods exported from the country on or after April 29, 1969.

Initially the export levy was 14 per cent of the export price of goods. It has, however, been gradually reduced, the last occasion being January 1969 when the average levy fell to about 2 per cent. For these reductions as well as for the Export Levy Act see front article in Bulletin No. 12, 1967, Items in Bulletins No. 11, 1967, and 1, 3 and 10, 1968, and 1 and 2, 1969.

By the end of April, the inflow of export levy funds on a special State account at the Bank of Finland amounted to 641 million marks. Of this 271 million marks had been used for the purposes stipulated in the Act. As the levy was to be paid within two months after clearance at the customs, it is estimated that total funds accruing from the export levy will be approximately 660 million marks.

(continued from page 2)

1967/68 than three years earlier. The increases in stumpage prices effected at the beginning of the prevailing felling season involve a rise of about 24 per cent on the previous season. The present level of stump-

age prices is, however, about 13 per cent lower than in 1964/65. Changes in the stumpage prices of different kinds of wood are illustrated in the table below.

	Pı	rice	Percentage change		
Felling season	1967—68	1968—69 *	196768	1968—69 *	196869 *
			196465	1964—65	1967—68
1) Softwood logs, mk/cu.ft	1.18	1.38	28	16	+ 17
2) Veneer birch, mk/cu.ft	0.79	0.90	+ 10	+ 25	+ 14
1) Spruce pulpwood, mk/piled cu.m. unpeeled	9.55	11.40	33	20	+ 19
1) Pine pulpwood mk/piled cu.m. unpeeled	5.52	8.70	46	15	+ 58
2) Birch pulpwood mk/piled cu.m. unpeeled	2.70	3.30	23	6	+ 22
1) Birch Firewood mk/piled cu.m. unpeeled	3.31	3.60	— 10	_ 2	+ 9

¹⁾ Information obtained from the Forestry Research Institute.
2) ,, the Central Union of the Agricultural Producers.

Note.

Commercial fellings account for slightly more than three-quarters of total fellings. Commercial fellings include fellings of industrial wood for use in industry or communications or for exportation as well as fellings for firewood contracted by industrial buyers. Figures for commercial fellings are collected on a monthly basis. The bulk of the remaining fellings consists of firewood for the private sector. The volume of these fellings has declined steadily and is now slightly

less than 10 mill.cu.m. Figures for these fellings are derived from special studies of wood utilization. The raw wood from commercial fellings (excl. firewood) is almost entirely used as raw material in the industry, the wood industry taking about two-fifths and the paper industry roughly three-fifths. Exports of round wood have decreased sharply during this decade and are no more than approximately 0.5 cu.m. per annum. (The industry has even used 1.5—2 mill.cu.m. of imported roundwood annually in the last few years.)

BANK OF FINLAND

BOARD OF MANAGEMENT

MAUNO KOIVISTO. Governor (Absent as Prime Minister)

REINO ROSSI.

ESKO K. LEINONEN

Deputy Governor, present Acting Governor

(Absent as a member of Government)

AHTI KARIALAINEN (Absent as a member of Government)

HEIKKI VALVANNE

JOUKO J. VOUTILAINEN ad int.

DIRECTORS

JOUKO J. VOUTILAINEN

TIMO HELELA

JORMA ARANKO

SENIOR OFFICIALS

PERTTI TAMMIVUORI.

Administration

P.-E. ÖSTERLUND.

Foreign payments control

A. KAIANTIE.

Internal Audit

HELGE LINDSTRÖM.

Credits

A. NENONEN.

Foreign correspondence

K. EIROLA. Automatic Data

Processing

K. IGNATIUS,

Personnel

BINO SUOMELA,

Office

STIG TÖRNROTH. Cash

INSTITUTE FOR ECONOMIC RESEARCH

LAURI KORPELAINEN,

Director

HENRI J. VARTIAINEN, Head of department