# BANK OF FINLAND Monthly Bulletin 

## THE FINNISH MARKET REVIEW.

THE MONEY MARKET.
No change worth noting cocurred in the state of the money market during November or at the beginning of Decemiber. Stringency still marks the position and has even grown. However, the accentuation was no greater than is usually the case at this time of the year, when twork in the forests is started and importers avail themselves of their last opportunities, while the ports are still open.

Deposits in the Joint Stock banks which are customarily reduced to some extent in November, fell off appreciably on this occasion, namely by 317.0 million marks, the greater part of which was, however, made up of money deposited on current account or on overdrafts, while the reduction in deposit accounts was comparatively small. The decrease is partly connected with the final settlement of the new credits of the Municipal Mortgage Bank (Finland Residential Mortgage Bank) and is counteracted by a conresponding fall in credits gnanted. Small deposits were presumably also withdrawn from the banks by persons who wished to utilise the tightness of credits in order to obtain higher rates of interest than the banks pay. In regard to the credits of the Joint. Stock banks, on the other hand; the latter were reduced in November by 165.3 million marks. This is worth notioing, seeing that credits usually increase during the month under review. The difference between the deposits and credits of the Joint Stock banks, which has grown month by month, increased in November, too, iby 151.7 million marks or about the same amount as in the same month last year. At the end of November this difference
amounted to 2,242.5 million marks compared with $1,197.6$ millions a year ago. To some extent this increase was made good by the rise in the banks' own funds, but in broad lines it gives an idea as to the strained position of the banks at present. This growing difference was covered principally by resorting to the help of the Bank of Finland. Re-discounts advanced from 461.8 millions at the end of October to 606.9 millions on November 15th, but dropped to 565.8 millions by the end of November. A year earlier, when the state of the money market was particularly easy, the amount of rediscounts at the end of November was only 37.3 million marks. The cash of the Joint Stock banks was reduced in November by 46.8 million marks, after wich it amounted to only 203.2 millions as against 363.5 millions a year before.

The position of the Joint Stock banks towards foreign countries also bears the impress of the situation. At the end of November they had a net foreign indebtedness amounting to 240.9 million marks, whereas a year earlier they had a net foreign balance of 18.8 millions. It is satisfactory, however, to note that, while the position towards other countries grew worse during November last year by almost 100 million marks, a slight improvement is visible for the same month this year of 3.8 million marks.

The position of the Banle of Finland did not experience any great changes in November. The total caredits of the Bank increased, indeed, by 88.9 million marks as a result of the rise in re-discounts already referred to. In spite of the reduction of its direct credits, therefore, its total credits are at a higher level than for a long time past. However, we see on the other
hand that the reserve of foreign currency shows a gratifying tendency to rise - chiefly a consequence of the customary renewal of the exporting industries' foreign short-term credits - while at the same time the notes in circulation have been reduced week by week in comparison with the conditions ruling last year. Further, the increase in the balances of the Government on current account should be noted, a circumstance that is a result of the collection of the income and property tax and of the fact that the Customs revenue has exceeded calculations considerably.

During the first week in December the Bank of Finland's reserve of foreign currency was further increased by 40.0 million marks. Rediscounts rose to almost the same extent - they appear to have a tendency towards rising specially at the beginning of each month, - while the direct credits were reduced by 24.8 million marks. The note reserve was also reduced slightly, though considerably less than during the corresponding week last year.

The tendency of the level of prices is uncertain. The wholesale price index dropped 1 point to 145, while the cost of living index rose 8 points to 1,262 . The former is a little lower and the latter slightly higher than a year ago.

## TRADE AND INDUSTRY.

As usual, foreign trade begins to show signs of falling off in November. It has to be noted, however, that both imports and exports were considerably livelier than ever before during this month. The value of imports amounted to 735.0 million marks as compared with 884.4 millions in October and 617.3 millions in November, 1927. The value of exports, on the other hand, was 625.3 million marks as compared with 740.2 millions last October and 549.6 millions in Novamber, 1027. There was thus a surplus of imports for November amouniting to 109.7 midlion marks, which is a little more than for November, 1927. In regard to trade in the most important kinds of goods, it is to be noted that the exports of cellulose and plywood attained fresh record figures and that the exports of mechanical pulp, cardboard and paper were very large.

The total imports during the current year amounted at the end of November to a valuc. of $7,425.6$ million marks, exceeding the corresponding figure for 1927 by about 1,600 million marks. The value of exports was, on the contrary, almost 190 millions less than last year and did not amount to more than $5,747.8$ million marks. The surplus of imports was consequently $1,677.8$ million marks at the end of November.

During the early part of November some contracts were still made for delivery of sawn timber before the end of this year, consisting principally of supplementary parcels. The total sales are estimated at about $1,100,000$ standards and probably some small parcels will remain over the winter. Since the latter part of November interest has centred chiefly on sales for delivery next spring. Importers, especially in England, are adopting a maiting attitude in expectation of the Russian quotations. It should, however, be noted that the position is considerably better than a year ago in so far as stocks in the British ports are at present about 300,000 stds less than at that time. The opening prices for Finnish sawn goods are about $5 /$ - to $10 /$ - lower than the opening prices a year ago. The leading North Finnisll firms are receiving $£ 16.10 /$ - to $£ 17$ for $9^{\prime \prime}$ deals, £ 14 to $£ 14.10 /$ for $7^{\prime \prime}$ battens and £ 13 to £ 13. $10 /-$ for $4^{\prime \prime}$ planchettes, while the South Finnish marks obtain, as usual, rather lower prices.

The state of the English plywood market is strong. The demand, in particular for birch plymood, is lively and more could be sold at present, if it were availiable.

## THE LABOUR MARKET.

The gradually decreasing lbuilding operations are resulting in unemployment, which always shows a seasonal increase at this time of rear, growing to a greater extent than during the last few years. As lumber work in the forests. will also not be carried out to the same extent as last year and the bad times may lead to reduced employment in other spheres, too, the Government and Municipalities are taking steps to cope with greater unemployment than usual.

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## STATISTICS.

## 1. - balance sheet of the bank of finland.

|  | $\left\lvert\, \begin{gathered} 1927 \\ \text { Mill. Fmk } \end{gathered}\right.$ | $\begin{gathered} 1928 \\ \text { Mull. Fmk } \end{gathered}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 25/12. | 29/11 | 30/11 | 8/12 | 15/12 |
| ASSETS. |  |  |  |  |  |
| I. Gold Reserve | 317.0 | 305.6 | 305.4 | 305.2 | 304.9 |
| Foreign Correspondents and Credit abroad | 1349.4 | 713.7 | 709.9 | 749.9 | 733.7 |
| II. Foreign Bills .. | 52.8 | 30.9 | . 26.4 | 25.6 | 22.1 |
| Foreign Bank Notes and Coupons. | 1.0 | 1.3 | 1.3 | 1.4 | 1.2 |
| Inland Bills .................. | 618.3 | 1311.8 | 1289.2 | 1308.7 | 1320.6 |
| III. Loans on Security | 45.5 | 53.9 | 53.8 | 51.7 | 50.7 |
| Advances on Cash Credit | 103.8 | 135.6 | 130.6 | 128.2 | 130.8 |
| Finnish State Bonds in Finnish Currency | 108.7 | - | - | - | - |
| Other State Obligations ${ }^{1}$ ) | 12.0 | - | - | - | - |
| Bonds in Foreign Currency | 260.6 | 306.2 | 306.5 | 306.6 | 306.6 |
| * Finnish * | 27.9 | 57.3 | 56.7 | 56.2 | 56.2 |
| Bank Premises and Furniture | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 |
| Sundry Assets ....... | 60.4 | 12.8 | 32.0 | 31.4 | 22.4 |
| Total | 2969.5 | 2941.2 | 2923.9 | 2977.0 | 2961.3 |
| LIABILITIES. |  |  |  |  |  |
| Notes in circulation | 1481.6 | 1456.4 | 1502.1 | 1501.4 | 1511.1 |
| Other Liabilities payable on demand: <br> Drafts outstanding | 14.5 | 6.9 | 15.1 | 12.1 | 9.9 |
| Balance of Current Accounts due to Government | 354.4 | 331.3 | 320.0 | 335.5 | 338.2 |
| * * * Others | 123.2 | 1.21 .7 | 60.3 | 88.4 | 67.4 |
| Credit abroad | 114.6 | - | - | - | - |
| Foreign Correspondents | 3.0 | 3.7 | 4.4 | 4.9 | 5.3 |
| Sundry Accounts | 13.5 | 10.4 | 10.4 | 21.3 | 13.2 |
| Capital ...... | 500.0 | 500.0 | 500.0 | 500.0 | 500.0 |
| Reserve Fund . . | 240.5 | 357.1 | 357.1 | 357.1 | 357.1 |
| Bank Premises and Furniture | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 |
| Earnings less Expenses | 112.2 | 141.7 | 142.5 | 144.3 | 147.1 |
| Total | 2969.5 | 2941.2 | 2923.9 | 2977.0 | 2961.3 | Bank of Finland for special Rusaian Habilities, already written off.

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

|  | 1927 | 1928 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 15/12 | ${ }^{23} / 11$ | 30/11 | 8/12 | 15/12 |
| RIGHT TO ISSUE NOTES: |  |  |  |  |  |
| Gold Reserve and Foreign Correspondents | 1666.4 | 1019.3 | 1015.3 | 1055.1 | 1038.6 |
| Additional Right of Issue .............. | 1200.0 | 1200.0 | 1200.0 | 1200.0 | 1200.0 |
| Total | 2866.4 | 2219.3 | 2215.3 | 2255.1 | 2238.6 |
| USED AMOUNT OF ISSUE: <br> Notes in circulation. <br> Other Liabilities payable on demand <br> Undrawn Amount of Advances on Cash Credit |  |  |  |  |  |
|  | 1481.6 | 1456.4 | 1502.1 | 1501.4 | 1511.1 |
|  | 623.2 | 474.0 | 410.2 | 462.2 | 434.0 |
|  | 28.5 | 19.4 | 24.3 | 27.1 | 24.5 |
| Total | 2133.3 | 1949.8 | 1936.6 | 1990.7 | 1969.6 |
| NOTE RESERVE: |  |  |  |  |  |
| Immediately available . . . . . . . . . . . . . . . . . . . . . . . . . | 205.2 | 269.5 | 278.7 | 264.4 | 269.0 |
| Dependent on increased supplementary Cover ...... | 527.9 | - | - | - | - |
| Total | 733.1 | 269.5 | 278.7 | 264.4 | 269.0 |
| Grand total | 2866.4 | 2219.3 | 2215.3 | . 2255.1 | 2238.6 |

Bank Rate since November 15 1928, $7 \%$.
3. - BANK OF FINLAND. NOTE CIRCULATION AND FOREIGN CORRESPONDENTS.

| $\begin{aligned} & \text { 列d } \\ & \text { of } \\ & \text { Month } \end{aligned}$ | Note Cireulation Mill. Fmk. |  |  |  |  | Foreign |  | Correspondents ${ }^{\text {a }}$ ) Mill. Fmk |  |  | $\begin{gathered} \text { End } \\ \text { of } \\ \text { Month } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1926 | 1927 | 1928 | Monthly <br> Movement | 1913 | 1926 | 1927 | 1928 | Monthly <br> Movement |  |
|  | [117.5] | [1 309.3] |  |  |  | [60.4] | [1408.0] |  |  |  |  |
| Jan. | 114.4 | 1291.6 | 1330.4 | 1502.8 | - 11.6 | 55.1 | 1360.8 | 1047.6 | 1311.6 | - 48.2 | Jan. |
| Febr. | 119.6 | 1349.9 | 1446.6 | 1592.6 | + 89.8 | 53.7 | 1226.6 | 1126.6 | 1201.7 | - 109.9 | Febr. |
| March | 116.0 | 1385.8 | 1472.8 | 1643.9 | + 51.3 | 53.6 | 1182.2 | 1185.3 | 1076.7 | - 125.0 | March |
| April | 110.6 | 1361.8 | 1447.3 | 1618.7 | - 25.2 | 49.6 | 1073.1 | 1096.3 | 935.0 | -141.7 | April |
| May | 118.2 | 1319.7 | 1411.3 | 1575.8 | $-42.9$ | 48.5 | 948.0 | 973.9 | 784.3 | $-150.7$ | May |
| June | 114.9 | 1297.7 | 1398.5 | 1585.4 | + 9.6 | 48.7 | 899.9 | 901.4 | 712.5 | - 71.8 | June |
| July | 109.9 | 1289.4 | 1376.6 | 1542.7 | $-42.7$ | 52.1 | 890.1 | 914.4 | 673.7 | - 38.8 | July |
| Aug. | 109.4 | 1295.9 | 1413.5 | 1564.9 | + 22.2 | 51.9 | 972.2 | 1095.2 | 616.1 | - 57.6 | Aug. |
| Sept. | 112.0 | 1334.5 | 1476.2 | 1598.9 | + 34.0 | 58.5 | 956.1 | 1230.8 | 600.8 | - 15.3 | Sept. |
| Oct. | 109.2 | 1327.4 | 1483.0 | 1539.3 | - 59.6 | 64.9 | 901.0 | 1324.5 | 683.1 | + 82.3 | Oct. |
| Nov. | 112.3 | 1295.6 | 1446.6 | 1502.1 | - 37.2 | 62.9 | 1006.3 | 1390.1 | 709.9 | + 26.8 | Nov. |
| Dec. | 113.0 | 1345.7 | 1514.4 |  |  | 58.5 | 1082.4 | 1359.8 |  |  | Dec. |

${ }^{1}$ ) Credit balances with foreign correspondents. Including the Credit abroad, which amounted to $256.2 \mathrm{mill} . \mathrm{mk}$, up to January $31 s t$, 1926, 114.6 mill. mk. up to April 14th, 1928, and was then discontinued.
4. - BANK OF FINLAND. ORDINARY COVER, NOTE RESERVE AND HOME LOANS.

| $\begin{gathered} \text { End } \\ \text { of } \\ \text { Month } \end{gathered}$ | Ordinary Cover Percentage of Liabilities Payable on Demand |  |  |  | Note Reserve Mill. Fmk |  |  |  | Homo Loans ${ }^{1}$ ) Mill. Fmk |  |  |  | $\begin{gathered} \text { End } \\ \text { of } \\ \text { Month } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1926 | 1927 | 1928 | Monthly Movement | 1926 | 1927 | 1928 | Monthly Movement | 1926 | 1927 | 1928 | Monthly <br> Movement |  |
|  | [64.80] |  |  |  | [763.4] |  |  |  | [478.9] |  |  |  |  |
| Jan. | 81.35 | 75.72 | 75.09 | -2.95 | 809.5 | 735.2 | 623.0 | - 73.9 | 477.7 | 627.0 | 850.2 | + 39.9 | Jan. |
| Febr. | 78.15 | 78.36 | 75.05 | -0.04 | 761.7 | . 776.3 | 661.6 | + 38.6 | 567.1 | 637.5 | 913.6 | + 63.4 | Febr. |
| March | 76.93 | 80.43 | 72.08 | - 2.97 | 731.8 | 804.6 | 621.0 | - 40.6 | 600.5 | 654.6 | 952.3 | + 38.7 | March |
| April | 76.75 | 79.36 | 67.98 | -4.10 | 767.0 | 806.9 | 585.5 | - 35.5 | 594.8 | 698.9 | 1032.1 | + 79.8 | April |
| May | 73.94 | 77.42 | 63.17 | -4.81 | 733.5 | 782.1 | 520.7 | - 64.8 | 623.3 | 721.2 | 1079.7 | + 47.6 | May |
| June | 69.19 | 72.89 | 59.13 | -4.04 | 640.6 | 722.3 | 462.1 | - 58.6 | 735.4 | 778.2 | 1186.2 | +106.5 | June |
| July | 73.59 | 73.64 | 59.32 | + 0.19 | 748.9 | 737.2 | 490.3 | + 28.2 | 649.6 | 775.8 | 1136.9 | -49.3 | July |
| Aug. | 75.74 | 77.01 | 53.79 | $-5.53$ | 767.7 | 749.1 | 369.9 | -120.4 | 596.7 | 729.4 | 1276.2 | $+139.3$ | Aug. |
| Sept. | 74.42 | 78.85 | 51.00 | $-2.79$ | 737.4 | 758.5 | 299.7 | - 70.2 | 602.7 | 696.5 | 1359.7 | + 83.5 | Sept. |
| Oct. | 69.14 | 75.82 | 52.69 | $+1.69$ | 637.9 | 661.9 | 278.4 | - 21.3 | 653.9 | 697.4 | 1384.7 | + 25.0 | Oct. |
| Nov. | 73.22 | 81.42 | 53.10 | + 0.41 | 696.6 | 796.8 | 278.7 | $+\quad 0.3$ | 672.2 | 755.8 | 1473.6 | $\underline{+88.9}$ | Nov. |
| Dec. | 74.48 | 78.04 |  |  | 704.2 | 696.9 |  |  | 654.3 | 810.3 |  |  | Dec |

${ }^{1}$ ) Inland Bills, Loans on Security and Advances on Cash Credit.
5. - BANK OF FINLAND. REDISCOUNTED BILLS AND BALANCES OF CURRENT ACCOUNTS.

| $\begin{gathered} \text { End } \\ \text { of } \\ \text { Month } \end{gathered}$ | Rediscounted Bills ${ }^{1}$ ) <br> Mill. F'mk |  |  |  | Balance of Current Aceounts due to Government Mill. Fmk |  |  |  | Balance of Current Accounts due to others than Covernment Mill. Fmk |  |  |  | $\begin{gathered} \text { Hnd } \\ \text { of } \\ \text { Month } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1927 | 1928 | Monthly Movement | 1913 | 1927 | 1928 | Monthly Movement | 1913 | 1927 | 1928 | Monthly <br> Movement |  |
|  | [12.2] | [87.0] |  |  | [23.1] | [303.4] |  |  | [4.7] | [86.6] |  |  |  |
| Jan. | 14.2 | 54.7 | 38.1 | - 17.1 | 20.1 | 181.9 | 394.3 | + 23.0 | 4.9 | 137.0 | 86.7 | - 9.4 | Jan. |
| Febr. | 15.5 | 22.4 | 32.7 | - 5.4 | 17.7 | 196.8 | 231.7 | -162.6 | 3.6 | 65.5 | 34.5 | - 52.2 | Febr. |
| March | 18.3 | 8.7 | 17.0 | - 15.7 | 20.1 | 165.6 | 35.4 | -196.3 | 4.3 | 86.5 | 86.0 | + 51.5 | March |
| April | 17.5 | 8.2 | 3.0 | - 14.0 | 22.5 | 99.5 | 59.1 | + 23.7 | 3.6 | 95.9 | 109.1 | + 23.1 | April |
| May | 23.1 | 18.2 | 23.2 | + 20.2 | 17.7 | 44.5 | 36.3 | - 22.8 | 3.4 | 76.3 | 73.3 | -35.8 | May |
| June | 20.3 | 40.5 | 103.6 | + 80.4 | 18.2 | 62.6 | 74.3 | + 38.0 | 4.4 | 66.0 | 8.5 | -64.8 | June |
| July | 17.3 | 53.3 | 139.9 | + 36.3 | 19.0 | 62.5 | 57.9 | - 16.4 | 5.2 | 91.5 | 19.7 | + 11.2 | July |
| Aug. | 16.7 | 33.3 | 359.5 | +219.6 | 18.1 | 131.0 | 67.4 | + 9.5 | 4.5 | 148.8 | 53.6 | + 33.9 | Aug. |
| Sept. | 16.0 | 15.7 | 477.7 | +118.2 | 17.9 | 229.5 | 84.4 | + 17.0 | 4.8 | 118.7 | 60.4 | +6.8 $+\quad 8$ | Sept. |
| Oct. | 13.6 | 27.2 | 461.8 | -15.9 | 27.3 | 306.2 | 150.7 | + 66.3 | 4.7 | 198.5 | 89.1 | . +28.7 | Oct. |
| Nov. | 14.7 | 37.3 | 565.8 | +104.0 | 23.1 | 331.1 | 320.0 | +169.3 | 4.3 | 166.6 | 60.3 | -28.8 | Nov. |
| Dec. | 15.2 | 65.2 |  |  | 20.7 | 371.3 |  |  | 5.7 | 96.1 |  |  | Dec. |

The figures in brackets [] indicate the position at the end of the previous year.
6. - RATES OF EXCHANGE QUOTED BY THE BANK OF FINLAND, MONTHLY AVERAGE.

|  | Parity | Yearly average |  | 1927 |  |  | 1928 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1926 | 1927 | September | October | November | September | October | November |
| New York | 39:70 | 39: 70 | 39: 70 | 39: 70 | 39: 70 | 39: 70 | 39: 70 | 39: 70 | 39: 70 |
| London | 193: 23 | 193: 02 | 193: 09 | 193: 09 | 193: 34 | 193: 50 | 192: 64 | 192: 66 | 192: 69 |
| Stockholm | 1064:07 | 1063: 75 | 1065: 80 | 1067 : 60 | 1069: 79 | 1070 : 13 | 1063:48 | 1062: 74 | 1 062: 50 |
| Berlin | 945: 84 | 948: 52 | 946: 08 | 946: 31 | 948: 35 | 948: 81 | 947: 16 | 946: 93 | 947: 35 |
| Paris | 155: 56 | 129: 82 | 156: 68 | 156: 50 | 156: 50 | 156: 50 | 155: 64 | 155: 50 | 155: 50 |
| Brussels | 552: 15 | 654: 29 | 555: 57 | 555: - | 555: - | 555: | 553: 60 | 553: - | 553: - |
| Amsterdam | 1595:99 | 1594:38 | 1593 : 93 | $1592: 21$ | $1596: 19$ | 1602 : 88 | 1 593: 04 | $1593: 30$ | $1595: 54$ |
| Basle | 766: 13 | 768: 46 | 765: 94 | 766: 31 | 766: 73 | 766: 65 | 765: 30 | 765: 04 | 765: 35 |
| Oslo | 1 064:07 | 890: 62 | $1036: 71$ | 1 047: 81 | 1047 : 46 | $1053: 15$ | 1060: - | 1 059: 78 | 1059: 94 |
| Copenhagen | 1064 :07 | 1044: 40 | 1 062: 70 | 1 063: 75 | 1 064:96 | $1065: 31$ | 1 060: - | 1 059: 78 | 1059:94 |
| Prague | 804: 54 | 119: - | 119: - | 119: - | 119: - | 119: - | 119: - | 119: - | 119: - |
| Rome | 208: 97 | 157: 44 | 206: 38 | 217: 58 | 218: 23 | 217: 46 | 208: 60 | 208: 41 | 208: 75 |
| Reval | 1064:07 | 10:68 | 10:67 | 10:65 | 10: 66 | 10: 70 | ${ }^{\text {) }} 1065: 28$ | 1065: - | 1065 - |
| Riga | 766: 13 | 766: 61 | 766: 48 | 767: - | 767: - | 767: - | 770: - | 769: 81 | 768: 15 |
| Madrid | 766: 13 | $\left.{ }^{1}\right) 623: 86$ | 686: 06 | 688: 85 | 694:81 | 682: 50 | 663: 80 | 649:19 | 645: - |

${ }^{1}$ ) Regular quotation on Madrid commenced on April 17th, 1926.
${ }^{2}$ ) From January 1st 1928 the quotation on Reval concerns 100 Eesti crowns, whose parity is given above.
7. - HOME DEPOSITS IN THE JOINT STOCK BANKS. *)

| End of Month | Currant Accounts ${ }^{1}$ ) Mill. Fmk |  |  | $\begin{gathered} \text { Deposits } \\ \text { Mill. Fmk } \end{gathered}$ |  |  | $\begin{aligned} & \text { Total } \\ & \text { Mill. Fmk } \end{aligned}$ |  |  | Monthly Movement |  | End of Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 | 1927 | 1928 |  |
|  | [54.3] | [1452.8] |  | [591.0] | [4 648.5] |  | [645.3] | [6 101.3] |  |  |  |  |
| Jan. | 57.9 | 1655.3 | 1769.5 | 595.9 | 4735.1 | 5417.6 | 653.8 | 6390.4 | 7187.1 | $\neq 289.1$ | +205.5 | Jan. |
| Febr. | 54.8 | 1524.8 | 1682.0 | 599.6 | 4817.9 | 5526.0 | 654.4 | 6342.7 | 7208.0 | - 47.1 | + 20.9 | Febr. |
| March | 56.8 | 1550.5 | 1850.2 | 603.3 | 4930.1 | 5649.0 | 660.1 | 6480.6 | 7499.2 | + 137.9 | $+291.2$ | March |
| April | 54.3 | 1514.7 | 1803.8 | 603.3 | 4992.3 | 5701.7 | 657.6 | 6507.0 | 7505.5 | + 26.4 | + 6.3 | April |
| May | 55.8 | 1541.3 | 1905.4 | 601.6 | 4996.3 | 5703.8 | 657.4 | 6537.6 | 7609.2 | + 30.6 | +103.7 | May |
| June | 55.6 | 1576.8 | 1930.9 | 609.7 | 5119.6 | 5876.4 | 665.3 | 6696.4 | 7807.3 | + 158.8 | +198.1 | June |
| July | 55.7 | 1895.5 | 1861.4 | 613.3 | 5137.8 | 5882.7 | 669.0 | 7033.3 | 7744.1 | + 336.9 | -63.2 | July |
| Aug. | 57.7 | 1928.2 | 1808.4 | 615.8 | 5187.7 | 5851.0 | 673.5 | 7115.9 | 7659.4 | + 82.6 | $-84.7$ | Aug. |
| Sept. | 57.9 | 1789.3 | 1802.8 | 612.8 | 5211.7 | 5810.4 | 670.7 | 7001.0 | 7613.2 | -114.9 | - 46.2 | Sept. |
| Oct. | 59.7 | 1768.5 | 1867.5 | 611.7 | 5164.1 | 5758.2 | 671.4 | 6932.6 | 7625.7 | - 68.4 | + 12.5 | Oct. |
| Nov. | 58.1 | 1713.9 | 1579.2 | 605.3 | 5154.1 | 5729.5 | 663.4 | 6868.0 | 7308.7 | - 64.6 | -317.0 | Nov. |
| Dec. | 54.6 | 1694.9 |  | 619.2 | 5286.7 |  | 673.8 | 6981.6 |  | +113.6 |  | Dec. |

Tables 7-9 according to Finland's Official Statistics VII, D, Bank Statistics. The figures in brackets [ ] indicate the position at the end of the previons year.
${ }^{2}$ ) Actual current accounts and home correspondents. $-{ }^{2}$ ) Deposit accounts and savings accounts.

- In the tables 7-9 Mortgage banks are not included.


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

| End of Month | Iniand Bills Mill. Fmk |  |  | Loans and Overdrafts ${ }^{1}$ ) <br> Mill. Fmk |  |  | Total Mill. Fmk |  |  | Monthly <br> Movement |  | Find of Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 | 1927 | 1928 |  |
|  | [283.7] | [2 245.7] |  | [453.3] | [4 844.8] |  | [737.0] | [7 090.5] |  |  |  |  |
| Jan. | 290.2 | 2242.6 | 2623.5 | 459.8 | 4956.2 | 5655.5 | 750.0 | 7198.8 | 8279.0 | +108.3 | +161.2 | Jan. |
| Febr. | 292.1 | 2266.7 | 2702.1 | 465.4 | 4984.6 | 5811.9 | 757.5 | 7251.3 | 8514.0 | +52.6 | +235.0 | Febr. |
| March | 294.7 | 2334.1 | 2817.1 | 467.2 | 5041.7 | 5991.0 | 761.9 | 7375.8 | 8808.1 | +124.5 | +294.1 | March |
| April | 298.1 | 2378.4 | 2915.6 | 472.8 | 5122.2 | 6047.6 | 770.9 | 7500.6 | 8963.2 | +124.8 | +155.1 | April |
| May | 301.4 | 2473.1 | 3086.0 | 478.5 | 5229.3 | 6209.6 | 779.9 | 7702.4 | 9295.6 | +201.8 | +332.4 | May |
| June | 297.1 | 2507.6 | 3126.4 | 474.9 | 5315.5 | 6303.6 | 772.0 | 7823.1 | 9430.0 | +120.7 | +134.4 | June |
| July | 289.0 | 2591.4 | 3131.0 | 470.1 | 5360.1 | 6327.3 | 759.1 | 7951.5 | 9458.3 | +128.4 | + 28.3 | July |
| Aug. | 281.3 | 2581.8 | 3079.6 | 472.3 | 5372.9 | 6383.4 | 753.6 | 7954.7 | 9463.0 | + 3.2 | + 4.7 | Aug. |
| Sept. | 278.4 | 2568.3 | 3092.5 | 470.5 | 5404.5 | 6528.4 | 748.9 | 7972.8 | 9620.9 | + 18.1 | $+157.9$ | Sept. |
| Oct. | 278.1 | 2533.6 | 3156.1 | 477.7 | 5448.6 | 6560.4 | 755.8 | 7982.2 | 9716.5 | + 9.4 | + 95.6 |  |
| Nov. | 275.9 | 2495.3 | 3239.3 | 473.4 | 5570.3 | 6311.9 | 749.3 | 8065.6 | 9551.2 | +83.4 | -165.3 | Nov. |
| Dec. | 274.1 | 2576.8 |  | 469.3 | 5541.0 |  | 743.4 | 8117.8 |  | + 52.2 |  | Dec. |

[^0]
## 9. - POSITION OF THE JOINT STOCK BANKS TOWARDS FOREIGN COUNTRIES.

| End of Month | Creditsi) Mill. Fmk |  |  | $\begin{gathered} \text { Indebtedness? } \\ \text { Mill. Fmb } \end{gathered}$ |  |  | Net Claims ( + ) and Net Indebtodness (-) Mill. Fmk |  |  | Monthly Movement of Net Claims |  | $\xrightarrow[\text { Month }]{\text { End of }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 | 1927 | 1928 |  |
|  | [32, | [270.9] |  | [15.7] | [321.9] |  | [+17.2] | $[$ - 51.0$]$ |  |  |  |  |
| Jan. | 30.1 | ${ }^{3724.4}$ | 405.1 | 14.7 | 316.6 | 363 | +15.4 | + 55.8 | + 41.2 | +106.8 | + 34.1 | Jan. |
| Febr. | 30.4 | 308.1 | 280.0 | 17.2 | 325.1 | 357.7 | +13.2 | - 17.0 | -77.7 | - 72.8 | -118.9 | Febr. |
| March | 27.8 | 223.7 | 244.1 | 17.6 | 355.8 | 380.1 | +10.2 | $-130.1$ | -136.0 | -113.1 | - 58.3 | March |
| April | 26.7 | 223.0 | 201.5 | 23.1 | 354.9 | 420.6 | + 3.6 | -131.9 | -219.1 | - 1.8 | -83.1 | April |
| May | 27.5 | 202.2 | 183.9 | 27.7 | 370.8 | 515.5 | $-0.2$ | -168.6 | -331.6 | $-36.7$ | $-112.5$ | May |
| Jume | 32.2 | 214.8 | 195.3 | 26.0 | 359.0 | 501.4 | +6.2 | -144.2 | -306.1 | + 24.4 | + 25.5 | June |
| July | 40.9 | 377.6 | 211.9 | 19.7 | 320.5 | 457.8 | + 21.2 | + 57.1 | -245.9 | +2013 | + 60.2 | July |
| Aug. | 50.5 | 436.9 | 291.4 | 16.1 | 326.0 | 432.2 | + 34.4 | + 110.9 | -140.8 | + 53.8 | +105.1 | Aug. |
| Sept. | 52.1 | 414.3 | 278.9 | 15.6 | 355.9 | 459.5 | + 36.5 | + 58.4 | -180.6 | - 52.5 | - 39.8 | Sept. |
| Oct. | 53.8 | 475.1 <br> 390. | 218.6 | ${ }_{20}^{20.1}$ | 356.7 3721 | ${ }_{4885}^{463}$ | +33.7 | +118.4 | -244.7 | + 60.0 | -64.1 | Oct. |
| Nov. Dec. | 50.5 49.5 | 390.9 366.5 | 244.4 | 20.3 16.2 | 372.1 359.4 | 485.3 | +30.2 +33.3 | Pr $+\quad 18.8$ $+\quad 7.1$ | -240.9 | 二 99.6 | + 3.8 | Nov. |

The figures in brackets [ ] indicate the position at the end of the previous year.
${ }^{2}$ ) Balances with foreign correspondents and foreign bills. - ${ }^{2}$ ) Due to foreign correspondents. ( $85-95 \%$ foreign deposits in Fmks.)

## 10.-POSITION OF THE BANKS TOWARDS FOREIGN COUNTRIES. ${ }^{1}$ )

$$
\text { 11. - CLEARING. }{ }^{2} \text { ) }
$$

| End of Month | Net Claims ( + ) and Not Indebtedness ( - ) Mill. Fmk |  |  |  |  | $\left\lvert\, \begin{gathered} \text { Monthly } \\ \text { Movement } \\ \text { of Net } \\ \text { Nlaims } \end{gathered}\right.$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 19231924 | 1925 | 1926 | 1927 | 1928 |  |
| Jan. | 169.0-40.9 | + 323.1 | +1026. | 1075 | 277.4 | $-18.9$ |
| Febr. | $-166.9+2.2$ | $+344.1$ | + 961. | -1053. | 1050.9 | -226.5 |
| March | -185.4-25.5 | + 297.4 | + 921. | + 988. | 853.8 | -197.1 |
| April | - 261.3-161.4 | + 571.4 | + 768 | + 886. | 731.1 | -122.7 |
| May | -335.2-222.6 | + 503.5 | + 596.3 | + 733. | + 468.4 | $-262.7$ |
| June | -394.2-387.4 | + 446.5 | + 582 | + 682 | $+437.8$ | - 30.6 |
| July | -472.1-122.9 | + 545.5 | + 655. | + 919. | + 483.0 | $+45.2$ |
| Aug. | -552.0-179.5 | + 559.6 | + 794. | +1156. | + 545.7 | + 62.7 |
| Sept. | - $535.8-198.1$ | + 653.4 | + 785. | +1238. | 492.9 | - 52.8 |
| Oct. | -389.3-98.0 | $+960.4$ | + 748.2 | +1386.9 | 473.6 | $-19.3$ |
| Nov. | $-141.2+11.8$ | + 995.9 | + 842.5 | +1337.9 | 491.0 | $+17.4$ |
| Dec. | -128.0 +229.3 | +1049.1 | +1024. | +1296.3 |  |  |


| 1927 |  | 1928 |  | Month |
| :---: | :---: | :---: | :---: | :---: |
| Number | Amount | Number | Amount |  |
|  | Mill.Fmk |  | Mill.Fmk |  |
| 113277 | 1628.8 | 135705 | 2163.9 | Jan. |
| 102953 | 1558.3 | 124915 | 1980.7 | Febr. |
| 120853 | 1727.1 | 143948 | 2225.4 | March |
| 118394 | 1750.4 | 139021 | 2007.5 | April |
| 125701 | 1737.8 | 140303 | 2149.3 | May |
| 117190 | 1604.1 | 163948 | 2186.7 | June |
| 120602 | 1812.8 | 136949 | 2010.5 | July |
| 114635 | 1605.1 | 125467 | 1795.0 | Aug. |
| 125791 | 2045.8 | 134391 | 1999.6 | Sept. |
| 140414 | 2271.6 | 158921 | 2440.4 | Oct. |
| 137208 | 2165.3 | 149196 | 2130.4 | Nov. |
| 143685 | 2249.6 |  |  | Dec. |
| 1480703 | \|22 156.8|| |  |  | Total |

${ }^{\text {1) }}$ ) The figures indicate the position towards foreign countries of the Bank of Finland (balances with foreign correspondents and forelgn bills are taken into acoount as well as credits due to foreign correspondents) and of the Joint Stock Banks (net claims or net indebtedness; see table 9 above).
${ }^{2}$ ) Indicates the clearing operations joined by 12 Joint Stock Banks both at the Head Office and five Branch Offices of the Bank of Finland.
12. - DÉPOSITS IN THE SAVINGS-BANKS.

| End of Month | In the towns Mill. Fmk |  |  | In the country Mill. Fmk |  |  | Total Mill. Fmk |  |  | Monthly <br> Movement |  | Find of Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1926 | 1927 | 1928 | 1926 | 1927 | 1928 | 1926 | 1927 | 1928 | 1927 | 1928 |  |
| Jan. | 972.2 | 1200.2 | $1521.5 *$ | 1155.3 | 1372.6 | 1690.1* | 2127.5 | 2572.8 | $3211 .{ }^{*}$ | $+65.3$ | +105.8* | Jan. |
| Febr. | 986.5 | 1223.3 | $1549.9^{*}$ | 1174.2 | 1400.9 | 1 718.5* | 2160.7 | 2624.2 | $3268.4 *$ | + 51.4 | + 56.8* | Febr. |
| March | 1004.1 | 1256.3 | $1582.6 *$ | 1192.1 | 1429.6 | $1751.8^{*}$ | 2196.2 | 2685.9 | $3334.4 *$ | + 61.7 | + 66.0* | March |
| April | 1016.7 | 1276.6 | $1596.3^{*}$ | 1208.1 | 1457.0 | $1784 .{ }^{*}$ | 2224.8 - | 2733.6 | $3380.9^{*}$ | + 47.7 | $+46.5 *$ | April |
| May | 1025.8 | 1289.4 | 1614.9* | 1223.4 | 1480.9 | $1809.3^{*}$ | 2249.2 | 2770.3 | $3424.2 *$ | $+36.7$ | + 43.3* | May |
| June | 1032.5 | 1300.0 | $1625.3 *$ | 1219.3 | 1480.8 | $1806.5^{*}$ | 2251.8 | 2780.8 | $3431.8 *$ | $+10.5$ | + 7.6* | June |
| July | 1045.6 | 1315.1 | $1644.8 *$ | 1221.2 | 1493.3 | $1815.1 *$ | 2266.8 | 2808.4 | $3459.9^{*}$ | + 27.6 | $+28.1 *$ | July |
| Aug. | 1057.3 | 1331.2 | $1661.1^{*}$ | 1218.7 | 1495.0 | $1808.3^{*}$ | 2276.0 | 2826.2 | $3469.4 *$ | $+17.8$ | + 9.5* | Ang. |
| Sept. | 1062.0 | 1337.5 | 1673.1* | 1220.8 | 1497.6 | $1806.8^{*}$ | 2282.8 | 2835.1 | $3479.9 *$ | + 8.9 | + 10.6* | Sept. |
| Oct. | 1070.6 | 1352.1 | $1687 .{ }^{*}$ | 1222.0 | 1510.3 | $1799 .{ }^{*}$ | 2292.6 | 2862.4 | 3 487.8* | $+27.3$ | $+7.0^{*}$ | Oct. |
| Nov. | 1083.1 | 1369.1 | $1693.6 *$ | 1237.0 | 1524.6 | $1796 .{ }^{*}$ | 2320.1 | 2893.7 | 3 489.9* | $+31.3$ | + 2.1* | Nov. |
| Dec. | 1169.3 | 1466.8 |  | 1338.2 | 1639.0 |  | $) 2507.5$ | $\left.{ }^{2}\right) 3105.8$ |  | +212.1 |  | 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 172.6 mill. Fmk interest for 1926. - $^{2}$ ) Increased by 207.1 mill. Fmk interest for 1927.

* Preliminary figures subject to minor alterations.


## 13. - DEPOSITS IN POST OFFICE SAVINGS BANK AND ON CONSUMERS' CO-OPERATIVE SOCIETIES' SAVINGS ACCOUNT.

| Find of Month | Doposits in Post Office Savings Bank Mill. Fmk |  |  |  | Monthly Movement |  | Doposits on Consumers' Co-oparative Sceieties' Savings Account ${ }^{2}$ ) Mill. Fmk |  |  | Monthly Movement |  | Find of Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1926 | 1927 | 1928 | 1927 | 1928 | 1926 | 1927 | 1928 | 1927 | 1928 |  |
| January | 8.2 | 164.5 | 184.3 | 199.4** | - 0.1 | + $1.5 *$ | 204.0 | 264.7 | 361.4 | $+10.3$ | +16.4 | January |
| February | 8.2 | 166.8 | 185.1 | 200.4* | + 0.8 | + 1.0* | 213.2 | 277.1 | 378.5 | +12.4 | +17.1 | February |
| March | 8.2 | 169.0 | 185.7 | 202.0* | + 0.6 | + 1.6* | 221.1 | 290.2 | 393.4 | +13.1 | +14.9 | March |
| April | 8.5 | 169.6 | 184.8 | 201.0* | - 0.9 | - 1.0* | 224.0 | 295.3 | 400.1 | + 5.1 | + 6.7 | April |
| May | 8.5 | 169.2 | 183.0 | 199.0* | - 1.8 | -2.0* | 223.1 | 296.8 | 395.5 | + 1.5 | - 4.6 | May |
| June | 8.5 | 169.0 | 182.3 | 199.1* | - 0.7 | + 0.1* | 231.3 | 308.5 | 408.6 | $+11.7$ | +13.1 | June |
| July | 8.6 | 170.4 | 183.1 | 200.4* | + 0.8 | + 1.3* | 234.8 | 313.8 | 413.1 | + 5.3 | + 4.6 | July |
| August | 8.7 | 172.2 | 184.5 | 201.0* | + 1.4 | + 0.6* | 236.7 | 318.0 | 414.2 | + 4.2 | + 1.1 | August |
| September | 8.7 | 172.8 | 186.9 | 201.5* | + 2.4 | +0.5* | 238.4 | 320.6 | 414.1 | + 2.6 | $-0.1$ | September |
| October | 8.6 | 172.9 | 186.7 | 200.4* | - 0.2 | - 1.1* | 241.0 | 324.8 | 412.7 | + 4.2 | - 1.4 | October |
| November | 8.6 | 173.8 | 186.3 | 199.3* | - 0.4 | - 1.1* | 246.3 | 332.3 | 413.8 | + 7.5 | $+1.1$ | November |
| December | 8.9 | $\left.{ }^{1}\right) 184.4$ | $\left.{ }^{2}\right) 197.9$ |  | - 0.2 |  | 254.4 | 345.0 |  | + 12.7 |  | December |

Post Office Savings Bank deposits according to Finnish Official Statistics VII, D, Bank Statistios, Monthly Reports.
Consumers' Co-operative Socleties' deposits according to data from the Finnish Co-operative Wholesale Society Ltd. and the Co-
Cive Wholesale Society.
2) Increased by 11.7 mill. F'mk interest for 1926. - ${ }^{2}$ ) Incraased by 11.8 mill . ${ }^{\text {5) }}$ Interest added to capital partly in January, partly in June and Dedember.

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

| Year and Month | Companies foundeid |  | Increase of capital |  | Companies Liquidated |  | Companies with reduced oapital |  | Nat increase ( + ) or reduotion ( - ) |  | Year and Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\underset{\text { ber }}{\text { Num- }}$ | $\begin{gathered} \text { Canital } \\ \text { Mill. } \\ \text { Fmk } \end{gathered}$ | $\begin{gathered} \text { Num- } \\ \text { beer } \end{gathered}$ | $\frac{\text { MU11. }}{\mathbf{F m k}}$ | $\underset{\text { Ner }}{\text { Num- }}$ | $\begin{gathered} \text { Capital } \\ \text { Mink. } \\ \hline \text { Fmk } \\ \hline \end{gathered}$ | $\underset{\text { ber }}{\text { Nom- }}$ | Reduction of capital Mill. Fmk | $\begin{gathered} \text { Num- } \\ \text { ber } \end{gathered}$ | Capital Mill. Fmk |  |
| 1925 | 593 | 171.3 | 216 | 168.8 | 134 | 85.2 | 6 | 13.6 | $+459$ | $+241.3$ | 1925 |
| 1926 | 578 | 223.2 | 182 | 160.6 | 143 | 39.6 | 4 | 2.1 | $+435$ | + 342.1 | 1926 |
| 1927 |  |  |  |  |  |  |  |  |  |  | 1927 |
| Jan. - March | 185 | 80.0 | 64 | 52.8 | 36 | 15.5 | 2 | 0.1 | $+149$ | + 117.2 | Jan. - March |
| April - June | 203 | 84.2 | 85 | 69.9 | 46 | 14.8 | - | - | +157 | +139.3. | April - June |
| July - Sept: | 147 | 73.2 | 68 | 62.1 | 28 | 7.2 | 2 | 0.6 | +119 | +127.5 | July - Sept. |
| Oct. - Dec. | 174 | 54.4 | 114 | 579.6 | 38 | 7.0 | 1 | 1.6 | +136 | +625.4 | Oct. - Dec. |
| Jan. - March | 225 | 95.4 | 102 | 386.5 | 33 | 14.0 | 4 | 2.8 | +192 | + 465.1 | Jan. ${ }^{1928}$ March |
| April - Jone | 210 | 95.5 | 101 | 253.9 | 32 | 10.8 | 6 | 5.3 | + 178 | + 433.1 | April - June |
| July - Sept. | 179 | 65.0 | 78 | 150.5 | 20 | 4.2 | 2 | 15.7 | +159 | +195.6 | July - Sept. |

According to information supplied by the Central Statistical Office.
${ }^{1}$ ) Of which 5 were such which after being declared bankrupt, came to an agreement with their creditors.
15. - NEW RISKS INSURED BY LIFE ASSURANCE COMPANIES.

| Find of Month | New risks accopted by Finnish Lite Assurance Companies |  |  |  |  |  |  |  | End of Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $1925{ }^{\text {1 }}$ ) |  | 1926 |  | 1927 |  | 1928 |  |  |
|  | Number | $\begin{gathered} \text { Amount } \\ \text { Mill. Fmk } \end{gathered}$ | Number | $\begin{aligned} & \text { Amount } \\ & \text { Mill. Fink } \end{aligned}$ | Number | $\begin{aligned} & \text { Amount } \\ & \text { Mill. Fmk } \\ & \hline \end{aligned}$ | Number | $\begin{gathered} \text { Amount } \\ \text { Mill. Fmk } \end{gathered}$ |  |
| January | 5.530 | 54.2 | 6906 | 85.6 | 6341 | 88.7 | 7 107* | 98.1* | January |
| February | 7651 | 75.3 | 8695 | 102.2 | 8991 | 121.9 | 10035* | 147.7* | February |
| March | 9780 | 96.5 | 11283 | 137.3 | 12004 | 161.8 | 14 044* | 200.1* | March |
| April | 7823 | 79.2 | 10658 | 131.4 | 9142 | 131.0 | $9837 *$ | 146.8* | April |
| May | 7521 | 78.1 | 7494 | 98.7 | 8199 | 123.5 | 8 506* | 153.3* | May |
| June | 7364 | 73.7 | 7498 | 96.5 | 7850 | 108.7 | 8 308* | 126.9* | Jane |
| July | 5585 | 58.1 | 5996 | 80.4 | 6423 | 89.9 | 6 782* | 100.8* | July |
| August | 6321 | 64.3 | 7317 | 101.4 | 7486 | 107.7 | $7154 *$ | $110.8{ }^{*}$ | August |
| September | 8188 | 84.8 | 8621 | 122.1 | 8519 | 122.0 | 8 302* | 134.9* | Septomber |
| October | 7821 | 84.3 | 8817 | 121.3 | 8664 | 126.1 | 8 759* | 146.6* | October |
| November | 8845 | 91.6 | 10028 | 135.1 | 10728 | 155.3 | $9512^{*}$ | 154.8* | November |
| December | 11287 | 135.4 | 12758 | 217.1 | 15487 | 264.1 |  |  | December |
| Total | 93716 | 975.4 | 106071 | 1429.1 | 109834 | 1600.7 |  |  | Total |
| Jan. - Nov. | 82429 | 840.0 | 93313 | 1212.0 | 94347 | 1336.6 | $98346 *$ | $1520.8 *$ | Jan. -Nov. |

[^1]*Preliminary figures subject to minor alterations.
16. - HELSINGFORS STOCK EXCHANGE. BANKRUPTCIES. PROTESTED BILLS.

| Month | Turnover of Stock Exchange Mill. Fmk |  |  | Bankrupteies <br> Number |  |  | Protested Bilis |  |  |  |  |  |  |  | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Number | $\begin{aligned} & \text { Amount } \\ & \text { Mill. Fmk } \\ & \hline \end{aligned}$ |  |  |  |  |
|  | 1926 | 1927 | 1928 |  |  |  | 1926 | 1927\| | 1928 | 1913 | 1926 | 1927 | 1928 | 1913 |  | 1926 | 1927 | 1928 |
| January | 34.1 | 59.0 | 90.1 | 76 | 100 | 90* | 959 | 453 | 688 | 508 | 2.8 | 2.2 | 4.6 | 2.4 | January |
| February | 26.2 | 99.0 | 64.9 | 73 | 65 | 88* | 762 | 473 | 593 | 458 | 2.1 | 2.5 | 2.7 | 2.2 | February |
| March | 37.6 | 78.2 | 79.3 | 68 | 94 | 71* | 957 | 533 | 691 | 497 | 1.1 | 2.7 | 2.7 | 2.7 | March |
| April | 24.0 | 63.4 | 33.2 | 70 | 79 | $55^{*}$ | 881 | 531 | 654 | 492 | 1.2 | 2.4 | 2.8 | 2.6 | April |
| May | 30.0 | 70.8 | 31.1 | 47 | 85 | $58 *$ | 861 | 642 | 659 | 651 | 1.0 | 3.1 | 3.6 | 3.0 | May |
| June | 17.2 | 41.7 | 22.7 | 48 | 54 | 49* | 807 | 639 | 626 | 549 | 0.8 | 3.8 | 3.2 | 3.3 | June |
| July | 16.3 | 87.0 | 25.4 | 58 | 42 | $42^{*}$ | 820 | 718 | 685 | 533 | 0.8 | 2.8 | 3.3 | 2.4 | July |
| August | 26.2 | 76.7 | 36.3 | 49 | 44 | 98* | 799 | 548 | 516 | 572 | 1.0 | 2.1 | 2.6 | 2.7 | August |
| September | 42.9 | 48.5 | 37.1 | 74 | 67 | 67* | 838 | 623 | 641 | 585 | 1.1 | 3.0 | 3.0 | 4.1 | September |
| October | 35.7 | 45.6 | 37.1 | 97 | 101 | 64* | 888 | 728 | 656 | 755 | 0.8 | 4.1 | 3.1 | 4.7 | October |
| November | 24.8 | 44.0 | 32.3 | 93 | 66 |  | 762 | 610 | 592 | 833 | 0.6 | 3.1 | 3.4 | 6.5 | November |
| December | 28.1 | 70.3 |  | 75 | 60 |  | 942 | 771 | 577 |  | 1.0 | 5.6 | 2.5 |  | December |
| Total | 343.1 315.0 | $\begin{array}{\|l\|} \hline 784.2 \\ 713.9 \end{array}$ | 489.5 | 828 | 857 |  | $\begin{array}{\|r\|} 10276 \\ 9334 \end{array}$ | $\begin{aligned} & 7269 \\ & 6498 \end{aligned}$ | $\begin{aligned} & 7578 \\ & 7001 \end{aligned}$ | 6333 | $\left\lvert\, \begin{aligned} & 14.3 \\ & 13.3 \end{aligned}\right.$ | $\left\|\begin{array}{l} 37.4 \\ 31.8 \end{array}\right\|$ | $\left\|\begin{array}{l} 37.5 \\ 35.0 \end{array}\right\|$ | 36.6 | $\begin{aligned} & \text { Total } \\ & \text { Jan.-Nov. } \end{aligned}$ |

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

Protested bills according to figures published in the sReport of Bills Protested in Finlands.

* Preliminary figures subject to minor alterations.

17.     - STOCK EXCHANGE INDEX.

| Year | Jan. | Febr. | March | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1925 | 126 | 127 | 121 | 118 | 120 | 125 | 132 | 134 | 135 | 136 | 141 | 147 | 1925 |
| 1926 | 144 | 147 | 152 | 154 | 153 | 157 | 164 | 172 | 175 | 172 | 177 | 178 | 1926 |
| 1927 | 198 | 211 | 222 | 219 | 224 | 233 | 265 | 256 | 248 | 250 | 253 | 270 | 1927 |
| 1928 | 270 | 265 | 267 | 257 | 255 | 257 | 255 | 241 | 235 | 223 | 213 |  | 1928 |

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

| End of Month or Year | According to the Official Book-keaping Mill. $\mathrm{Fmk}^{\mathbf{1}}$ ) |  |  |  | Calculated in Mill. Dollars ${ }^{\text {a }}$ ) |  |  |  | End of Month or Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Foreign | Internal: | Total | Monthly Movement | Foreign | Internal | Total | $\begin{aligned} & \text { Monthly } \\ & \text { Movement } \end{aligned}$ |  |
| 1925 | 1714.0 | 761.3 | 2475.3 |  | 72.5 | 19.2 | 91.7 |  | 1925 |
| 1926 | 2349.9 | 496.9 | 2846.8 |  | 89.9 | 12.5 | 102.4 | - | 1926 |
|  |  |  |  |  |  |  |  |  | 1927 |
| November | 2204.8 | 492.7 | 2697.5 | - 31.2 | 79.0 | 12.4 | 91.4 | 2.7 | November |
| December | 2203.1 | 491.9 | 2695.0 | $-2.7$ | 79.0 | 12.4 | 91.4 | - | December |
| 1928 |  |  |  |  |  |  |  |  |  |
| January | 2202.2 | 491.9 | 2694.1 | - 0.9 | 78.9 | 12.4 | 91.3 | -0.1 | January |
| February | 2257.6 | 355.8 | 2613.4 | $-80.7$ | 76.6 | 9.0 | 85.6 | $-5.7$ | February |
| March | 2732.2 | 354.0 | 3086.2 | +472.8 | 88.6 | 8.9 | 97.5 | +11.9 | March |
| April | 2732.2 | 340.8 | 3073.0 | $-13.2$ | 88.6 | 8.6 | 97.2 | $-0.3$ | April |
| May | 2732.1 | 337.8 | 3069.9 | - 3.1 | 88.6 | 8.5 | 97.1 97 | +0.1 +0.2 | May |
| June | 2731.2 | 342.8 | 3074.0 | + 4.1 | 88.7 | 8.6 | 97.3 | $+0.2$ | June |
| July | 2729.3 | 341.9 | 3071.2 | - 2.8 | 88.6 | 8.6 | 97.2 | -0.1 | July |
| August | 2618.5 | 340.3 | 2958.8 | -112.4 | 79.5 | 8.6 | 88.1 | $-9.1$ | August |
| September | 2616.9 | 339.7 | 2956.6 | - 2.2 | 79.4 | 8.6 | 88.0 | - 0.1 | September |
| October | 2599.5 | 341.1 | 2940.6 | - 16.0 | 79.0 | 8.6 | 87.6 | - 0.4 | October |
| November | 2594.7 | 343.2 | 2937.9 | - 2.7 | 78.8 | 8.6 | 87.4 | -0.2 | November |

The above table is based on the monthly report on the National Debt published by the Treasury in the Official Gazette. - The whole National Debt is funded.
${ }^{2}$ ) Internal loans are given at their nominal value. Foreign loans are given in Finnish currency accordmg to the rate ruling on the date of the raising of the loan. As a result of this, loans of an earlier date than 1914 are set down at par.
3) Caiculated as follows: The loans raised in the country have been calculated in dollars, according to the average rate of exchange of each month. The loans, negotiated abroad, which are all issued in different currencies, are grouped according to the proportion of currencies, shown by the coupons paid, and reduced to dollars at the rate of exchange just mentioned.
19. - STATE REVENUE AND EXPENDITURE.

| Groups of revenue and expenditure | Jan.-Oct. Mill. Fmk |  | Groups of revenue and expenditure | $\begin{aligned} & \text { Jan.-Oct. } \\ & \text { Mill. Fmk } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1927 | 1928 |  | 1927 | 1928 |
| Revenue derived from State forests | 235.7 | 293.1 | Postal and Telegraph fees | 113.7 | 126.2 |
| \# 》 - canals . | 11.1 | 10.7 | Shipping dues | 21.2 | 21.3 |
| " " ${ }^{\text {a }}$ railways | 698.6 | 753.7 | Fines | 27.5 | 28.7 |
| Income and Property taxes .. | 172.8 | 178.5 | Various taxes and other revenue | 303.5 | 309.9 |
| Customs dues . ............ | 1032.1 | 1164.6 | Total State revenue | 3031.5 | 3385.7 |
| Excise on tobacco | 134.2 | 142.0 |  |  |  |
| \# matches. | 12.6 15.1 | 13.8 19.4 | Ordinary expenditure | 2644.3 | 2825.0 |
| Stamp duty ... | 18.1 180.3 | 19.4 238.2 | Extraordinary expenditure . . . . . . . . . . . . | $\begin{array}{r}644.3 \\ 300.4 \\ \hline\end{array}$ | 2808.0 |
| Interest .... . | 73.1 | 85.6 | Total State expenditure | 2944.7 | 3333.0 |

According to tigures compiled by the Treasury from the balances of accounts at the end of each month. These are preliminary figures of gross amounts. This table gives figures for the excise on tobacco excluding stamp duty on imported tobacco, which is included in the respective figures in table 20.

## 20. - miscellaneous state receipts collected by customs.

(Fmk, 000's omitted.)

| Month | Import Customs and Storage Charges | Export Customs | Fines | Clearing Charges | Light Dues | Exaise on Tobacen | Exaise on Matches | Excise on Sweats | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1928 |  |  |  |  |  |  |  |  | 1928 |
| January | $108550 *$ | $60^{*}$ | 603* | 107* | 433* | 14 564* | 1356 * | 2 581* | January |
| February | 91 520* | $25^{*}$ | 259* | 92* | 344* | 11 952* | $1901 *$ | 1 675* | February |
| March | 112 953* | 16* | 657* | 106* | 422* | 13 797* | $1557 *$ | 1 452* | March |
| April | $96653^{*}$ | 35* | 206* | 127* | 591* | $15328^{*}$ | $1481 *$ | 1 664* | April |
| May | 127 536* | 630* | 863* | 419* | 2 184* | 13 226* | 1227* | $2343 *$ | May |
| June | 121 793* | $1208 *$ | 524* | 507* | 1981* | 13 275* | 1199* | 1619* | June |
| July | 97 309* | 1 716** | 676* | 600* | 2 290* | 14 151* | $1344^{*}$ | $1822^{*}$ | July |
| August | 125 358* | $2070 *$ | 186* | 651* | 2 465* | 16 391* | 969* | 2 208* | Augast |
| September | $130834 *$ | $1724 *$ | 325* | 581* | 2 199* | $3656^{*}$ | $1.270^{*}$ | $1804 *$ | September |
| October | $151800^{*}$ | 1 098* | 516* | 527* | 1921* | 25 267* | $1520 *$ | $2355{ }^{*}$ | October |
| November | 127 375* | 765* | 733* | 397* | $1387 *$ | 16 171* | 1516* | $2074 *$ | November |
| Jan,-Nov. 1928 | 1291681 * | $9347^{*}$ | 5 548* | $4114^{*}$ | $16217^{*}$ | 157 778* | 15 310* | 21 497* | Jan.-Nov. 1928 |
| - 1929 | 1139655 | 10967 | 6298 | 4109 | 16575 | 149847 | 13743 | 16700 | 1927 |
| 1928 Budget Estimate | 1100000 | 10000 | - | 3500 | 15500 | 160000 | 16000 | 18000 | $\begin{gathered} 1928 \text { Budget } \\ \text { Estimate } \end{gathered}$ |

21.     - VALUE OF IMPORTS AND EXPORTS.

| Month | $\begin{aligned} & \text { Imports } \\ & \text { (C. I. F. Value) } \\ & \text { Mul. Fmk } \end{aligned}$ |  |  | $\begin{aligned} & \text { Exports } \\ & \text { (F. O. B. Value) } \\ & \text { Mull. Fmk } \end{aligned}$ |  |  | Surplus of Imports $(\rightarrow)$or Exports $(+)$Mill. Fmk |  |  | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 |  |
| January | 29.9 | 393.3 | 512.1* | 13.0 | 255.2 | 229.0* | -16.9 | $-138.1$ | -283.1* | January |
| February | 26.6 | 364.7 | $527.9^{*}$ | 14.2 | 236.8 | 234.3* | -12.4 | $-127.9$ | -298.6* | February |
| March | 30.0 | 452.9 | 650.3* | 13.6 | 237.2 | 280.5* | -16.4 | -215.7 | $-369.8{ }^{*}$ | March |
| April | 32.3 | 466.1 | 601.9* | 17.3 | 267.3 | 239.3* | -15.0 | -198.8 | -362 6* | April |
| May | 52.6 | 605.8 | 766.5* | 36.6 | 411.0 | 489.9** | $-16.0$ | -194.8 | -276.6* | May |
| June | 43.0 | 600.4 | 693.3* | 49.1 | 670.4 | 529.3* | + 6.1 | $+70.0$ | -164.0* | June |
| July | 43.5 | 516.8 | 576.8* | 56.6 | 930.6 | 752.9* | +13.1 | + 413.8 | +176.1* | July |
| Angust | 40.3 | 574.4 | 714.8* | 52.1 | 874.8 | 825.2* | +11.8 | + 300.4 | +110.4* | August |
| September | 51.8 | 621.9 | 762.6* | 50.3 | 827.0 | 801.9* | $-1.5$ | + 205.1 | + 39.3* | September |
| October | 61.4 | 608.8 | 884.4* | 42.9 | 675.3 | 740.2* | -18.5 | + 66.5 | -144.2* | October |
| November | 48.4 | 617.3 | 735.0* | 32.3 | 549.6 | 625.3* | -16.1 | - 67.7 | -109.7* | November |
| December | 35.6 | 563.5 |  | 26.8 | 389.2 |  | - 8.8 | -174.3 |  | December |
| Totall | 495.4 | 6380 . 9 |  | 404.8 | 6324.4 |  | -90.6 | -61.5 |  | utal |
| Jan.-Nov. | 459.8 | 5822.4 | $7425.6 *$ | 378.0 | 5935.2 | $5747.8^{*}$ | -81.8 | + 112.8 | -1677.8* | Jan.-Nov. |

The term imports covers all imported goods which have been placed on the market either immediately after importation or after
storage. Exports covers all goods exported trom 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 alterations.

22.     - VALUE OF IMPORTS AND EXPORTS IN DIFFERENT GROUPS OF GOODS. *

| $\begin{aligned} & \text { 曷 } \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | Groups of Goods | lmports (C.I. F. Value) Mill. Fmk |  |  |  |  |  | $\begin{aligned} & \text { Exports } \\ & \text { (F.O.B. Value) } \\ & \text { Mill. Fmk } \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Nov. | Oct. | Nov. | Jan.-November |  |  | Nov. | Oct. | Nov. | Jan.-November |  |  |
|  |  | 1927 | 1928 | 1938 | 1926 | 1927 | 1928 | 1927 | 1928 | 1928 | 1926 | 1927 | 1928 |
| 1 | 1 Live animals | 0.1 | 0.0 | 0.9 | 0.5 | 3.9 | 9.1 | 0.4 | 0.2 | 0.5 | 2.5 | 2.2 | 2.3 |
| 2 | 2 Food obtained from animals | 14.5 | 26.6 | 17.3 | 128.3 | 103.2 | 148.8 | 32.5 | 39.1 | 34.1 | 487.6 | 528.7 | 467.2 |
|  | 3 Cereals and their products | 78.7 | 152.5 | 115.5 | 638.6 | 595.9 | 915.0 | 0.6 | 0.2 | 0.1 | 1.4 | 2.8 | 3.4 |
|  | 4 Fodder and seed ........ | 34.4 | 68.3 | 58.8 | 291.9 | 233.4 | 394.5 | 1.0 | 0.5 | 0.4 | 5.1 | 6.5 | 3.7 |
| 5 | 5 Fruit, vegetables, live plants, etc. | 17.5 | 16.8 | 26.5 | 119.7 | 119.4 | 156.6 | 1.4 | 4.0 | 3.2 | 17.2 | 20.3 | 16.5 |
| 6 | 6 Colonial produce and spices | 51.8 | 68.4 | 55.4 | 437.9 | 598.8 | 689.0 | 1.2 | 1.6 | 0.5 | 4.0 | 5.0 | 4.0 |
| 7 | Preserves, in hermetically sealed packages | 0.4 | 0.3 | 0.4 | ${ }^{3.0}$ | 3.5 | 4.3 | 0.0 | 0.0 | 0.0 | 0.8 | 0.7 | 0.1 |
|  | 8 Beverages . . . . . . . . . . . . . | 1.3 | 1.0 | 1.2 | 17.9 | 16.7 | 14.4 | 0 | 0.1 | 02 | 0.0 | 0.0 | 0.0 |
|  | 9 Spinning materials | 37.0 | 26.9 | 24.7 | 269.3 | 272.2 | 292.4 | 0.0 | 0.1 | 0.2 | 1.2 | 0.6 | 1.1 |
| 10 | 0 Yarns and ropes. | 16.1 | 20.5 | 17.0 | 140.1 | 141.8 | 181.6 | 0.1 | 0.3 | 0.2 | 1.0 | 3.4 | 2.1 |
| 11 | 1 Cloth . . . . . . . | 30.8 | 41.4 | 30.5 | 341.3 | 378.6 | 497.6 | 1.2 | 0.7 | 1.0 | 9.3 | 9.7 | 9.4 |
| 12 | 2 Diverse textile products | 21.1 | 29.3 | 21.4 | 194.5 | 222.9 | 289.8 | 0.2 | 0.1 | 0.2 | 0.6 | 1.0 | 1.3 |
| 13 | 3 Timber and wooden articles | 3.2 | 3.9 | 2.8 | 20.1 | 27.2 | 49.0 | 317.8 | 494.9 | 368.1 | 2941.1 | 3544.4 | 3243.6 |
| 14 | 4 Bark, cane, branches or twigs, and articles made from same ............. | 4.7 | 3.4 | 2.5 | 21.1 | 27.9 | 34.7 | 0.4 | 2.0 | 3.4 | 5.6 | 5.8 | 8.9 |
| 15 | 5 Board, cardboard an paper and articles made from same | 1.9 | 2.1 | 2.1 | 16.5 | 20.1 | 24.4 | 158.4 | 165.9 | 183.6 | 1464.3 | 1530.1 | 1693.6 |
| 16 | 6 Hair, bristles, feathers together with bones, horn and other carvable goods not specifically mentioned and articles made from same | 3.1 | 2.0 | 2.7 | 18.4 | 20.9 | 23.4 | 0.2 | 0.6 | 0.2 | 2.4 | 2.5 | 2.6 |
| 17 | 7 Hides and skins, leathergoods, furs, etc. | 32.5 | 33.6 | 30.7 | 2034 | 241.6 | 367.3 | 13.0 | 11.2 | 9.7 | 102.9 | 119.3 | 117.6 |
| 18 | 8 Metals and metal goods .. | 69.6 | 105.4 | 88.7 | 550.1 | 683.9 | 856.6 | 1.1 | 2.0 | 1.6 | 12.3 | 13.6 | 17.2 |
| 19 | 9 Machinery and apparatus . | 48.5 | 57.9 | 44.1 | 343.5 | 475.5 | 554.1 | 0.9 | 0.8 | 1.9 | 15.6 | 12.5 | 15.9 |
| 20 | 0 Means of transport ...... | 13.0 | 27.0 | 20.0 | 265.5 | 345.1 | 442.3 | 2.8 | - | - | 0.3 | 3.3 | 2.2 |
| 21 | 1 Musical instruments, instruments, clocks and watches | 7.2 | 9.2 | 9.4 | 48.5 | 56.5 | 75.8 | 0.0 | - | - | 0.0 | 0.1 | 0.0 |
| 22 | 2 Minerals and articles made from same | 40.3 | 61.8 | 52.3 | 227.7 | 365.1 | 394.3 | 2.3 | 3.0 | 4.2 | 21.9 | 22.1 | 22.6 |
| 23 | 3 Asphalt, tar, resins, rubber and products made from same $\qquad$ | 10.7 | 17.0 | 14.3 | 134.1 | 136.6 | 154.9 | 4.6 | 3.5 | 3.0 | 15.7 | 23.4 | 19.7 |
| 24 | 4 Oils, fats and waxes, and products of same $\qquad$ | 23.9 | 43.9 | 40.2 | 274.3 | 284.3 | 353.3 | 0.1 | 0.3 | 0.3 | 1.0 | 0.8 | 1.4 |
| 25 | 5 Ethers, alcohols not specifically described, ethereal oils, cosmetics, etc. $\qquad$ | 1.0 | 1.2 | 1.5 | 8.2 | 8.3 | 11.0 | 0.0 | 0.0 | 0.1 | 1.2 | 0.8 | 0.7 |
| 26 | 6 Colours and dyes ........ | 3.6 | 4.8 | 4.7 | 50.7 | 52.3 | 56.2 | 0.0 | 0.0 | 0.0 | 0.2 | 0.1 | 0.1 |
| 27 | 7 Explosives, fire-arms and materials, fuses and fireworks | 0.4 | 0.9 | 0.5 | 6.8 | 6.7 | 6.6 | 3.5 | 2.0 | 1.7 | 34.8 | 27.1 | 27.6 |
| 28 | 8 Chemical elements and com- |  |  |  |  |  |  |  |  |  |  |  |  |
|  | binations thereof and drugs ................... | 16.3 | 25.7 | 26.9 | 122.6 | 139.0 | 160.6 | 0.1 | 0.2 | 1.1 | 4.7 | 4.6 | 6.8 |
| 29 | 9 Fertilizers . . . . . . . . . . . . . | 21.1 | 10.8 | 9.9 | 120.8 | 137.0 | 135.4 | - | - | 0.1 |  | 0.0 | 0.1 |
| :30 | 30 Literature and works of art, educational materials, office fittings, ete. ..... | 5.3 | 6.3 | 6.2 | 41.2 | 48.7 | 63.6 | 0.7 | 0.6 | 0.5 | 4.6 | 4.7 | 3.9 |
| 31 | 1 Articles not specified elsewhere $\qquad$ | 7.3 | 15.6 | 5.9 | 57.8 | 55.4 | 69.0 | 0.5 | 0.4 | 0.2 | 3.4 | 3.0 | 4.0 |


Re-exports
4.6 6.0

| .0 | 5.2 | 18.7 | 35.9 | 48.2 |
| :--- | :--- | :--- | :--- | :--- | Total||| $617.3|884.4| 735.0|5114.3| 5822.4|7425.6| 549.6|740.2| 625.3||5181.4| 5935.0| 5747.8 \mid$

* Preliminary figures subject to minor alterations.
23.: - IMPORTS OF THE MOST IMPORTANT ARTICLES.

| Month | $\begin{aligned} & \text { Rye } \\ & \text { Tons } \end{aligned}$ |  |  | Rye Flour Tons. |  |  | Wheat Tons |  |  | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 |  |
| January | 903.3 | 5653.6 | 8107.0* | 7844.3 | 48.0 | 100.5* | 69.7 | - | -* | January |
| February | 974.5 | 6962.8 | 11 316.9* | 8619.6 | 32.0 | 34.1* | 12.4 | - | -* | February |
| March | 1391.5 | 7796.0 | 15 124.4* | 9524.5 | 30.0 | 24.2* | 10.5 | 5.0 | 12.6* | March |
| April | 906.6 | 6206.2 | $9608.6 *$ | 5218.6 | - | 11.3* | 23.0 | 21.7 | 19.2* | April |
| May | 6902.8 | 8683.0 | 7 314.7* | 22320.0 | 25.0 | 10.4* | 51.5 | 0.8 | 0.0* | May |
| June | 3696.8 | 12324.0 | 6 793.7* | 16083.5 | 178.6 | 22.6* | 22.2 | - | 19.8* | June |
| July | 5981.5 | 14241.7 | $6746.0^{*}$ | 14597.3 | 69.9 | 12.7* | 0.3 | $\bar{\square}$ | 10.0* | July |
| August | 4769.6 | 4206.8 | 14 310.7* | 12149.3 | 343.6 | 102.5* | 24.3 | 1.9 | 0.0* | August |
| September | 13264.9 | 4361.6 | 23 280.9* | 28854.6 | 275.4 | 767.8* | 30.2 | 9.3 | 79.5* | September |
| October | 16126.1 | 11163.1 | $27373.5^{*}$ | 37290.8 | 261.4 | $2422.2 *$ | 66.4 | 5.9 | 126.2* | Octaber |
| November | 9643.9 | 13327.7 | 21 015.5* | 24991.0 | 68.9 | 1826.0* | 28.0 | - | 102.2* | November |
| December | 1048.9 | 17014.0 |  | 8536.8 | 358.0 |  | 29.8 | - |  | December |
| Total | 65610.4 | 111940.5 |  | 196030.3 | 1690.8 |  | 368.3 | 44.6 |  | Total |
| Jan.-Nov. ! | 64561.5 | 94926.5 | $150991.9 *$ | 187493.5 | 1332.8 | 5334.3 * | 338.5 | 44.6 | 369.5* | Jan.-Nov. |


| Month | Wheaten Flour and Grain of Wheat Tons |  |  | Rive and Grain of RiceTons |  |  | $\begin{gathered} \text { Oats } \\ \text { Tons } \end{gathered}$ |  |  | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 |  |
| January | 8858.2 | 7054.9 | $16731.0^{*}$ | 16.7 | 819.2 | $1557.8^{*}$ | 579.2 | 307.7 | 561.8* | January |
| February | 5904.9 | 5060.2 | 8428.3* | 53.7 | 593.7 | 903.4* | 423.3 | 247.4 | 582.9* | February |
| March | 5799.8 | 5042.1 | 10092.9* | 20.9 | 802.2 | $1323.6^{*}$ | 658.3 | 180.5 | 498.6* | March |
| April | 5950.5 | 5139.6 | $8930.0 *$ | 77.5 | 761.0 | $1041.8 *$ | 562.8 | 144.4 | 270.8* | April |
| May | 14905.8 | 8029.8 | 11 076.1* | 2856.5 | 2595.0 | 2180.1* | 796.5 | 220.9 | 625.3* | May |
| June | 10647.2 | 8895.3 | $11360.0^{*}$ | 1636.4 | 1707.6 | 2 239.1* | 1053.2 | 165.4 | 859.8* | June |
| July | 10108.0 | 7239.3 | $7876.6^{*}$ | 2895.2 | 1330.4 | $1641.7 *$ | 589.3 | 431.8 | 366.2* | July |
| August | 6870.2 | 7018.5 | 9 949.4* | 1161.2 | 996.9 | $1815.5 *$ | 370.8 | 450.9 | 608.5* | August |
| September | 8862.9 | 9276.3 | $10676.9 *$ | 1315.5 | 1194.3 | $1007.7 *$ | 428.5 | 456.4 | 638.1* | September |
| October | 16015.3 | 10329.3 | 17 702.6* | 2060.6 | 1617.1 | $3691.7 *$ | 799.4 | 805.0 | 2 678.9* | October |
| November | 15444.7 | 10468.5 | $13661.0^{*}$ | 185.9 | 981.5 | $1358.6 *$ | 754.8 | 1314.0 | $2016.8^{*}$ | November |
| December | 9034.3 | 3331.0 |  | 136.4 | 501.7 |  | 386.9 | 719.1 |  | December |
| Total | 118401.8 | 86884.8 |  | 12416.5 | 13900.6 |  | 7403.0 | 5443.5 |  | Total |
| Jan.-Nov. | 109367.5 | 83553.8 | 126 484.8* | 12280.1 | 13398.9 | $18761.0^{*}$ | 7016.1 | 4724.4 | $9707.7^{*}$ | Jan.-Nov. |


| Month | Coffee <br> Tons |  |  | Sugar <br> Refined and Unrefined <br> Tons |  |  | Raw Tobaceo <br> Tons |  |  | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 |  |
| January | 623.9 | 1026.2 | 2 246.6* | 3659.9 | 6238.8 | $9167.6^{*}$ | 326.4 | 250.8 | 262.9* | January |
| February | 745.4 | 1238.2 | $1578.0 *$ | 3702.2 | 5077.3 | $7893.6 *$ | 324.3 | 246.1 | 293.0* | February |
| March | 510.7 | 1357.4 | $1792.4 *$ | 3250.1 | 4944.1 | $7349.4 *$ | 284.7 | 269.1 | 317.1* | March |
| April | 719.4 | 1177.8 | $1311.7 *$ | 3777.2 | 6004.4 | 6 103.2* | 353.7 | 244.1 | 249.0* | April |
| May | 1812.4 | 1338.4 | 1 553.9* | 3835.0 | 6530.5 | $8827.3^{*}$ | 297.2 | 302.0 | 250.7* | May |
| June | 1300.0 | 1421.9 | $1704.1^{*}$ | 3502.3 | 5364.1 | 8677.3* | 260.1 | 272.0 | 315.7* | June |
| July | 808.8 | 1235.9 | $1260.5 *$ | 3031.3 | 4757.8 | 6 663.3* | 315.7 | 178.2 | 198.4* | July |
| August | 946.5 | 1598.3 | $1455.6^{*}$ | 3740.7 | 8071.0 | $7528.0 *$ | 320.7 | 302.9 | 280.6* | August |
| September | 1494.4 | 1606.5 | 1719.5* | 5945.3 | 7622.5 | 6 841.7* | 295.4 | 307.8 | 304.8* | September |
| October | 1899.8 | 1520.2 | $1590.6 *$ | 5916.5 | 4707.5 | $9175.2^{*}$ | 462.3 | 262.6 | 281.9* | October |
| November | 1286.6 | 1406.0 | $1298 .{ }^{*}$ | 4397.4 | 4959.6 | 6 717.5* | 327.3 | 256.7 | 269.4* | November |
| December | 719.0 | 346.6 |  | 2907.5 | 2390.8 |  | 192.7 | 184.8 |  | December |
| Total\| | 12866.9 | 15273.4 |  | 47665.4 | 66668.4 |  | 3760.5 | 3077.1 |  | Total |
| Jan.-Nov. | 12147.9 | 14926.8 | 17 511.0* | 44757.9 | 64277.6 | 84 944.1* | 3567.8 | 2892.3 | 3023.5* | Jan.-Nov. |

[^2]23. - IMPORTS OF THE MOST IMPORTANT ARTICLES. - Continued.

| Month | Raw Cotton Tons |  |  | Wool <br> Tons |  |  | Oileakes <br> Tons |  |  | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 |  |
| January | 1153.1 | 849.9 | 899.7* | 66.3 | 110.7 | 146.1* | 536.6 | 1688.8 | $1999.0^{*}$ | January |
| February | 659.9 | 867.1 | 1 069.6* | 80.9 | 102.6 | 143.5* | 508.5 | 1996.9 | $1725.7^{*}$ | February |
| March | 668.4 | 942.8 | 838.7* | 79.1 | 156.4 | 208.4* | 707.2 | 1012.7 | 2 273.3* | March |
| April | 561.5 | 418.7 | 455.4* | 86.6 | 116.8 | 128.7* | 423.3 | 1117.0 | 2 542.0* | April |
| May | 998.1 | 765.0 | 786.1* | 39.5 | 116.7 | 44.0* | 317.0 | 169.2 | 1187.5* | May |
| June | 541.5 | 468.4 | 722.1* | 37.1 | 119.2 | 135.4* | 284.6 | 236.0 | 640.8* | June |
| July | 709.4 | 708.8 | 470.8* | 57.8 | 97.3 | 83.8* | 421.1 | 845.8 | 2 166.0* | July |
| August | 700.2 | 897.4 | 677.0* | 61.8 | 119.0 | 126.6* | 1274.1 | 1670.7 | 1308.6 * | August |
| September | 214.2 | 876.4 | 698.0* | 118.4 | 143.6 | 108.1* | 1940.0 | 1500.5 | $2000.7^{*}$ | September |
| October | 557.0 | 714.0 | 742.5* | 81.8 | 166.2 | 139.3* | 2024.1 | 1604.9 | $2824 .{ }^{*}$ | October |
| November | 842.9 | 1071.9 | 639.0* | 103.3 | 195.7 | 123.4* | 1698.2 | 1663.8 | 2 309.0* | November |
| December | 847.9 | 955.3 |  | 53.8 | 127.4 |  | 1447.0 | 2168.1 |  | December |
| Total | 8454.1 | 9535.7 |  | 866.4 | 1 b71.6 |  | 11581.7 | 15674.4 |  | Total |
| Jan.-Nov. | 7606.2 | 8580.4 | 7 998.8* | 812.6 | 1444.2 | 1387.3* | 10134.7 | 13506.3 | 20976.8* | Jan.-Nov. |


| Month | Raw Hides Tons |  |  | Coal <br> Tons |  |  | Petroleum Tons |  |  | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 |  |
| January | 558.7 | 221.1 | 457.1* | 8411.6 | 85326.5 | $17237.7^{*}$ | 616.8 | 636.0 | 844.3* | January |
| February | 371.3 | 272.9 | 797.6* | 2016.6 | 17666.2 | $12012.1^{*}$ | 610.7 | - | 305.4* | February |
| March | 336.4 | 309.9 | 783.4* | 1255.0 | 15354.6 | 12 829.6* | 188.0 | 0.5 | 399.8* | March |
| April | 539.5 | 340.9 | 659.1* | 15108.4 | 30461.6 | $25771.0 *$ | 26.8 | 0.6 | 1841.0 * | April |
| May | 753.1 | 249.6 | $664.9 *$ | 81395.7 | 125678.7 | 124 661.8* | 61.6 | 5102.1 | $11547.9^{*}$ | May |
| June | 586.6 | 495.5 | 824.4* | 76753.2 | 108874.5 | 133 352.7* | 1764.6 | 4243.4 | $1129.8 *$ | June |
| July | 420.0 | 986.5 | 443.2* | 78673.8 | 68696.8 | 78986.0* | 7914.6 | 1226.7 | 615.6* | July |
| August | 694.2 | 545.5 | $510.4 *$ | 73848.4 | 111967.3 | 112 557.9* | 9699.6 | 7439.0 | $10849.8 *$ | August |
| September | 416.6 | 678.4 | 466.8* | 99646.1 | 165725.8 | 163 169.9* | 7334.4 | 2818.7 | 5 106.2* | September |
| October | 440.2 | 376.6 | 476.6* | 67200.5 | 123294.3 | 163 608.8* | 4020.4 | 2519.0 | 592.9* | October |
| November | 390.8 | 492.3 | 554.9* | 43533.0 | 118623.3 | 155 554.3* | 3373.8 | 3861.0 | $8378.5^{*}$ | November |
| December | 336.2 | 879.0 |  | 37771.4 | 62047.0 |  | 460.0 | 6840.7 |  | December |
| Total | 5843.6 | 5848.2 |  | 585613.7 | 1033716.6 |  | 36071.3 | 34687.7 |  | Total |
| Jan.-Nov. | 5507.4 | 4969.2 | 6 638.4* | 547842.3 | 971669.6 | 999 692.7* | 35611.3 | 27847.0 | \|41611.2*| | Jan.-Nov. |

24.     - EXPORTS OF THE MOST IMPORTANT ARTICLES.

| Month | Fresh Meat ${ }^{\text { }}$ ) Tons |  |  | Butter <br> Tons |  |  | Cherse <br> Tons |  |  | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1.927 | 1928 | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 |  |
| January | 244.6 | 304.0 | 113.4* | 864.3 | 1311.5 | 921.9* | 34.7 | 323.3 | 143.6* | January |
| February | 203.6 | 212.9 | 60.6* | 891.9 | 1417.9 | 1 169.8* | 115.2 | 314.1 | 124.6* | February |
| March | 116.0 | 181.5 | 60.4* | 1025.0 | 1661.6 | $1201.7 *$ | 57.3 | 256.3 | 131.6* | March |
| April | 73.8 | 97.7 | 33.3* | 1776.8 | 1861.2 | 1 269.5* | 95.1 | 310.4 | 104.4* | April |
| May | 80.8 | 83.1 | 41.8* | 1297.1 | 1874.8 | $1533.7 *$ | 67.9 | 281.4 | 122.0* | May |
| June | 75.2 | 133.7 | 68.0* | 1396.8 | 1601.3 | 1046.0 * | 51.5 | 254.3 | 83.3* | June |
| July | 71.1 | 51.4 | 50.8* | 1530.6 | 1161.7 | 1 137.7* | 29.1 | 196.8 | 113.6* | July |
| August | 113.0 | 100.9 | 58.7* | 797.8 | 871.3 | $1227.8 *$ | 117.0 | 289.6 | 143.6* | August |
| September | 169.7 | 161.8 | 87.1* | 706.9 | 800.5 | $1026.2^{*}$ | 173.3 | 235.7 | 149.3* | September |
| October | 299.7 | 176.2 | 83.3** | 813.8 | 967.4 | 977.6* | 173.0 | 179.1 | 163.3* | October |
| November | 276.7 | 178.4 | 38.6* | 711.2 | 714.8 | 808.8* | 142.4 | 131.8 | 188.3* | November |
| December | 240.7 | 171.9 |  | 828.1 | 832.5 |  | 167.6 | 176.3 |  | December |
| Total | 1964.9 | 1853.5 |  | 12640.3 | 15076.5 |  | 1224.1 | 2949.1 |  | Total |
| Jan.-Nov. | 1724.2 | 1681.6 | 696.0* | 11812.2 | 14244.0 | 12 320.7*\| | 1056.5 | 2772.8 | $1467.6^{*}$ | Jan.-Nov. |

${ }^{2}$ ) Fresh meat, excluding pork.

- Prellminary figures subject to minor alterations.

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

| Montl | Raw Hides Tons |  |  | Unsawn Timber <br> (AllKinds excl. fuel) <br> $1000 \mathrm{~m}^{\mathrm{s}}$ <br> 1 |  |  | $\begin{gathered} \text { Fuel (wood) } \\ 1000 \mathrm{~m}^{\mathrm{a}} \end{gathered}$ |  |  | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 |  |
|  |  |  |  |  |  |  |  |  |  |  |
| January | 317.0 | 489.2 | 477.3* | 3.0 | 21.4 | 4.9** | 77.8 | 27.9 | $0.7 *$ | January |
| February | 393.4 | 555.5 | 378.1* | 5.1 | 6.9 | 1.0* | 73.7 | 2.4 | 0.9* | February |
| March | 303.1 | 374.2 | 444.9* | 4.2 | 5.5 | 1.1* | 57.3 | 0.8 | 1.0* | March |
| April | 441.6 | 399.6 | 562.6* | 24.0 | 13.1 | 3.7* | 74.6 | 1.4 | 0.8* | April |
| May | 298.7 | 594.7 | 502.5* | 307.7 | 212.1 | 215.6* | 80.1 | 4.3 | 5.1* | May |
| June | 185.4 | 404.3 | 254.6* | 487.6 | 559.7 | 560.0* | 111.8 | 9.2 | 4.7* | June |
| July | 230.3 | 258.3 | 226.0* | 610.0 | 984.7 | 793.5* | 123.3 | 6.9 | 6.9* | July |
| August | 185.7 | 447.4 | 483.5* | 721.8 | 917.6 | 780.0* | 128.5 | 8.7 | 6.2* | August |
| September | 343.5 | 449.0 | 333.5* | 604.5 | 899.9 | 751.0* | 102.2 | 5.4 | $8.1 *$ | September |
| October . | 297.4 | 524.4 | 495.8* | 295.4 | 410.4 | 468.6* | 118.1 | 4.8 | 2.9* | October |
| November | 336.6 | 560.4 | 462.6* | 81.0 | 277.1 | 241.0* | 60.1 | 1.8 | 0.9* | November |
| December | 352.7 | 622.1 |  | 18.6 | 59.2 |  | 58.9 | 1.0 |  | December |
| Total\| | 3685.4 | 5678.9 |  | 3162.9 | 4367.6 |  | 1066.4 | 74.6 |  | Total |
| Jan.-Nov. | 3332.7 | 5057.0 | 4621.4* | 3144.3 | 4308.4 | 3820.4* | 1007.5 | 73.6 | 38.2* | Jan.-Nov. |


| Month | Sawn Timber All Kinds 1000 standards |  |  | Plywood Tons |  |  | Matches <br> Tons |  |  | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1927 | 1928 | 1921 ${ }^{\text {² }}$ ) | 1927 | 1928 | 1913 | 1927 | 1928 |  |
| January | 2.8 | 5.1 | 3.3* | 358.7 | 3953.7 | $7100.3^{*}$ | 0.5 | 423.9 | 214.6* | January |
| February | 0.0 | 2.0 | $0.8{ }^{*}$ | 461.6 | 4550.1 | $5805.4^{*}$ | - | 355.9 | 408.9* | February |
| March | 0.2 | 2.6 | 3.5* | 126.6 | 5237.2 | 6 858.8* | - | 231.2 | 423.4* | March |
| April | 3.0 | 5.2 | 3.8* | 1342.7 | 4017.7 | 6 306.4* | - | 396.2 | 239.4* | April |
| May | 73.8 | 60.3 | 72.6* | 255.2 | 4376.5 | $6158.2^{*}$ | - | 285.5 | 299.3* | May |
| June | 137.0 | 164.8 | 97.4* | 1169.7 | 5426.3 | 5 693.7* | 1.0 | 191.9 | 152.0* | June |
| July | 161.8 | 262.0 | 173.7* | 844.0 | 3691.9 | 6014.6* |  | 239.8 | 298.7* | July |
| August | 144.7 | 227.7 | 191.7** | 229.0 | 4935.7 | 8077.2* |  | 324.5 | 153.6* | August |
| September | 139.7 | 208.9 | 191.4* | 1648.0 | 4542.2 | 6 173.1* | 4.5 | 285.8 | 179.0* | September |
| October | 121.6 | 173.7 | 177.9* | 1204.2 | 4265.2 | $8316.5^{*}$ | - | 301.4 | 248.2* | October |
| November | 79.7 | 113.2 | 139.0* | 995.4 | 4589.7 | 8821.0* | 2.6 | 426.4 | 197.6* | November |
| December | 38.7 | 57.6 |  | 1575.7 | 7615.5 |  | 0.0 | 375.4 |  | December |
| Total | 903.0 | 1283.1 |  | 10210.8 | 57201.7 |  | 8.6 | 3837.9 |  | Total |
| Jan.-Nov. | 864.3 | 1225.5 | $1055.1^{*}$ | 8635.1 | 49586.2 | 75 325.2* | 8.6 | 3462.5 | $2814.7 *$ | Jan.-Nov. |

I standard sawn timber $=4.672 \mathrm{~m}^{3}$.
${ }^{2}$ ) Figures for 1013 not available. Exports were negligible.

| Month | Bobbins Tons |  |  | Mechanical Pulpu) Tons |  |  | Chemical Pulpis Tons |  |  | Mouth |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 |  |
| January | 847.8 | 298.9 | 527.7* | 1227.4 | 6473.6 | $10162.0 *$ | 2867.5 | 34891.3 | 27 185.8* | anuary |
| February | 989.2 | 478.3 | 499.4* | 1262.7 | 5632.9 | $5760 .{ }^{*}$ | 4534.1 | 23817.6 | 34 192.6* | February |
| March | 1030.4 | 40.7.7 | 671.5* | 1987.3 | 4391.4 | $9781 .{ }^{*}$ | 2071.5 | 23216.6 | 43 033.7* | March |
| April | 885.2 | 491.3 | 436.9* | 1888.4 | 5282.7 | $7082.7 *$ | 4250.1 | 34636.2 | 34 775.9* | Apri] |
| May | 1130.2 | 505.7 | 448.8* | 10418.4 | 10522.7 | 11 811.8* | 11017.5 | 25577.7 | 45 523.7* | May |
| June | 916.0 | 432.3 | 443.0* | 3555.8 | 5934.6 | $135465^{*}$ | 4276.5 | 24700.5 | 32 344.1* | June |
| Tuly | 944.8 | 417.7 | 421.0* | 6485.6 | 9352.3 | 16 659.2* | 4694.7 | 26823.6 | 39 275.6* | July |
| Angust | 796.7 | 540.8 | 521.1* | 2868.9 | 10069.6 | $13513.8 *$ | 7695.0 | 35172.4 | 41 632.0* | August |
| September | 979.8 | 629.7 | 499.6* | 3965.4 | 7253.6 | 9 438.4* | 7594.4 | 30944.5 | $38766.2 *$ | September |
| October | 723.1 | 415.3 | 509.7* | 2872.8 | 16954.2 | 13 599.4* | 4890.8 | 30084.6 | 41 417.5* | October |
| November | 1143.1 | 512.4 | 275.9* | 2725.6 | 9650.2 | 16 204.5* | 8126.1 | 35887.6 | 48 933.3* | November |
| December | 935.7 | 613.8 |  | 5657.1 | 10667.0 |  | 13460.8 | 37819.5 |  | December |
| Total | 11322.0 | 5743.9 |  | 44915.4 | 102184.8 |  | 75479.0 | 363572.1 |  | Total |
| Jan.-Nov. | 10386.3 | 5130.1 | 5 254.6* | 39258.3 | 91517.8 | 27559.5* | 62018.2 | 325752.6 | 7080 | Jan.-Nor |

[^3]24. - EXPORTS OF THE MOST IMPORTANT ARTICLES. - Continued.

| Month | Cardboard Tons |  |  | PaperAll KindsTons |  |  | (IncludedNowsprint <br> in <br> previous column) <br> Tons |  |  | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 |  |
| January | 2480.7 | 2717.7 | $3241.2^{*}$ | 10793.7 | 16538.9 | $20394.7 *$ | 5301.7 | 10976.8 | $14931.5^{*}$ | January |
| February | 4128.8 | 2862.0 | 3 869.2* | 10878.1 | 17941.9 | 20 095.3* | 5143.4 | 12059.2 | 14 379.5* | February |
| March | 4371.3 | 2875.1 | 4 239.0* | 10906.9 | 18592.8 | 22 346.3* | 5159.1 | 12021.7 | 15 321.9* | March |
| April | 3832.1 | 2093.2 | $2910.2^{*}$ | 11408.4 | 18127.0 | $17042.4 *$ | 5520.8 | 12994.1 | 11 700.3* | April |
| May | 5572.7 | 3587.9 | $3840.3^{*}$ | 11998.3 | 17522.6 | 21 943.6* | 5773.4 | 12631.0 | 15 730.0* | May |
| June | 4540.3 | 3144.6 | 2625.0 * | 12196.6 | 18975.3 | 17 496.0* | 5805.2 | 12953.1 | 12 203.4* | June |
| July | 4812.5 | 1981.7 | 3 168.7* | 13094.0 | 19482.2 | 18 959.2* | Б 736.8 | 13763.3 | 13 407.6* | July |
| August | 4824.8 | 3649.4 | $4033.3 *$ | 12551.9 | 21280.4 | 21 327.0* | 5399.0 | 14998.8 | 14 357.9* | August |
| September | 5206.0 | 3448.3 | $3769.9 *$ | 12676.5 | 19180.0 | 21 407.1* | 6155.0 | 13221.4 | 15 627.3* | September |
| October | 4718.1 | 2830.9 | $4372 .{ }^{*}$ | 12719.9 | 17284.5 | 20 255.9* | 6585.0 | 12072.2 | 13 639.8* | October |
| November | 4809.7 | 5049.7 | 4 460.2* | 13515.0 | 21087.3 | 21 310.3* | 6977.7 | 15159.7 | 15 096.4* | November |
| December | 4454.3 | 4048.5 |  | 12895.3 | 17453.0 |  | 6509.0 | 12594.9 |  | December |
| Total | 53751.3 | 38289.0 |  | 145634.6 | 223465.9 |  | 70066.1 | 155446.2 |  | Total |
| Jan.-Nov. | 49297.0 | 34240.5 | 40 529.7* | 132739.3 | 206012.9 | 222 577.8*\| | 63557.1 | 142851.3 | 56 395.6*\| | Jan.-Nov. |

## 25. - FOREIGN TRADE WITH VARIOUS COUNTRIES.

| Country | $\begin{aligned} & \text { Imports } \\ & \text { (C. I. F. Value) } \end{aligned}$ |  |  |  |  | $\begin{aligned} & \text { Exports } \\ & \text { (F. O.B.Value) } \end{aligned}$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | January-November |  |  | Whole Year |  | January-November |  |  | Whole Year |  |
|  | 1928 |  | 1927 | 1927 | 1926 | 1928 |  | 1927 | 1927 | 1926 |
| Europe: | Mill. Fmk | \% | \% | \% | \% | Mill. Fmk | \% | \% | \% | \% |
| Belgium . . . . . . . . . . . . . . : | : 281.6 | 3.8 | - 3.3 | 3.3 | 3.1 | 421.7 | 7.4 | 5.8 | 6.0 | 5.3 |
| Denmark . . . . . . . . . . . . . . | 289.0 | 3.9 | 5.2 | 5.1 | 5.5 | 139.3 | 2.4 | 2.3 | 2.2 | 2.5 |
| Esthonia | 86.9 | 1.2 | 0.9 | 0.9 | 0.7 | 24.0 | 0.4 | 0.3 | 0.3 | 0.6 |
| France . | 189.6 | 2.6 | 3.1 | 3.1 | 3.5 | 397.2 | 6.9 | 4.7 | 4.7 | 7.2 |
| Germany | 2744.1 | 37.0 | 32.6 | 32.6 | 34.8 | 915.0 | 15.9 | 15.7 | 15.8 | 12.7 |
| Great Britain | 928.0 | 12.5 | 14.5 | 14.2 | 12.8 | 20415 | 35.5 | 40.5 | 40.2 | 38.4 |
| Holland . . . . . . . . . . . . . . . | 348.0 | 4.7 | 4.3 | 4.4 | 5.8 | 472.9 | 8.2 | 9.1 | 9.0 | 10.3 |
| Latvia . . . . . . . . . . . . . . . | 24.6 | 0.3 | 0.5 | 0.5 | 0.3 | 15.4 | 0.3 | 0.2 | 0.2 | 0.3 |
| Lithuania | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| Norway | 54.5 | 0.7 | 0.9 | 1.0 | 1.0 | 10.4 | 0.2 | 0.4 | 0.4 | 0.5 |
| Poland . . . . . . . . . . . . . . . . | 85.3 | 1.1 | 0.8 | 0.8 | 1.5 | 11.4 | 0.2 | 0.1 | 0.1 | 0.0 |
| Russia .................. . | 107.4 | 1.4 | 3.2 | 3.3 | 1.9 | 250.2 | 4.4 | 4.9 | 5.0 | 3.9 |
| Sweden | 6094 | 8.2 | 8.3 | 8.2 | 7.4 | 131.4 | 2.3 | 3.1 | 3.1 | 3.9 |
| Spain . | 27.0 | 0.4 | 0.5 | 0.5 | 0.6 | 115.3 | 2.0 | 1.5 | 1.5 | 1.2 |
| Other European countries\| | 263.5 | 3.5 | 3.2 | 3.2 | 3.2 | 52.9 | 0.9 | 0.5 | 0.5 | 0.6 |
| Total Erarope | 6039.2 | 81.3 | 81.3 | 81.1 | 82.1 | 5000.5 | 87.0 | 89.1 | 89.0 | 87.4 |
| Asia ..................... | - 28.6 | 0.4 | 0.2 | 0.2 | 0.2 | 64.8 | 1.1 | 0.9 | 0.9 | 1.1 |
| Africa | 6.1 | 0.1 | 0.1 | 0.0 | 0.1 | 189.3 | 3.3 | 3.0 | 2.9 | 3.1 |
| United States . . . . . . . . . . . | 1086.6 | 14.6 | 15.1 | 15.4 | 14.2 | 366.1 | 6.4 | 5.2 | 5.4 | 6.5 |
| Other States of North America | 72.6 | 1.0 | 0.6 | 0.7 | 0.7 | 4.9 | 0.1 | 0.1 | 0.1 | 0.1 |
| South America .......... | 185.9 | 2.5 | 2.6 | 2.5 | 2.6 | 114.3 | 2.0 | 1.5 | 1.5 | 1.6 |
| Australia . . . . . . . . . . . . . il | il 6.7 | 0.1 | 0.1 | 0.1 | 0.1 | 7.9 | 0.1 | 0.2 | 0.2 | 0.2 |
| Grand Total | 7425.7 | 100.0 | 100.0 | 100.0 | 100.0 | 5747.8 | 100.0 | 100.0 | 100.0 | 100.0 |

According to figures supplipd by the Statistical Department of the Board of Customs.
The country of import indicates (from January 1, 1918) the land in which goods were purchased, and country of export the land to which gnods were sold.

* Preliminary figures subject to minor alterations.

26.     - IMPORT-PRICE INDEX.

| $\begin{aligned} & \text { Year and } \\ & \text { Month } \end{aligned}$ | $\begin{gathered} \text { Total } \\ \text { All Kinds } \end{gathered}$ | Detail |  |  |  | The Three Last Groups divided aceording to their Purpose |  |  | $\begin{gathered} \text { Year and } \\ \text { Month } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Foodstufts | Clothing | Agricultur <br> al <br> $\begin{array}{c}\text { Require } \\ \text { ments }\end{array}$ | $\begin{aligned} & \text { Other } \\ & \text { Goods } \end{aligned}$ | $\begin{gathered} \text { Raw Ma- } \\ \text { terials } \end{gathered}$ | Machinery | Industrial products |  |
| 1913 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 1913 |
| 1917 | 519 | 647 | 405 | 370 | 526 | 451 | 360 | 465 | 1917 |
| 1918 | 741 | 881 | 600 | 420 | 661 | 647 | 459 | 642 | 1918 |
| 1919 | 755 | 896 | 608 | 600 | 659 | 681 | 487 | 593 | 1919 |
| 1920 | 1387 | 1751 | 1108 | 934 | 1268 | 1364 | 931 | 827 | 1920 |
| 1921 | 1329 | 1556 | 1080 | 1087 | 1109 | 1129 | 1005 | 1048 | 1921 |
| 1922 | 1072 | 1150 | 1067 | 1066 | 913 | 1041 | 820 | 987 | 1922 |
| 1923 | 915 | 963 | 925 | 897 | 823 | 926 | 728 | 826 | 1923 |
| 1924 | 958 | 998 | 1060 | 932 | 818 | 955 | 763 | 901 | 1924 |
| 1925 | 1052 | 1110 | 1133 | 1066 | 835 | 1037 | 867 | 928 | 1925 |
| 1926 | 984 | 1058 | 1005 | 999 | 853 | 974 | 871 | 881 | 1926 |
| 1927 | 945 | 1044 | 978 | 980 | 795 | 923 | 873 | 834 | 1927 |
| 1928 |  |  |  |  |  |  |  |  | 1928 |
| January | 985 | 1000 | 1079 | 1005 | 736 | 1026 | 889 | 887 | January |
| Jan.-Febr. | 1001 | 1003 | 1094 | 1026 | 759 | 1068 | 886 | 901 | Jan.-Febr. |
| Jan.-March | 1009 | 1005 | 1103 | 1044 | 778 | 1085 | 881 | 915 | Jan.-March |
| Jan.-April | 1010 | 1013 | 1110 | 1057 | 776 | 1078 | 871 | 922 | Jan.-April |
| Jan.-May | 988 | 1010 | 1102 | 1057 | 756 | 1035 | 889 | 904 | Jan.-May |
| Jan.-June | 981 | 1010 | 1095 | 1050 | 761 | 1019 | 830 | 895 | Jan.-June |
| Jan-July | 972 | 1011 | 1079 | 1046 | 764 | 1009 | 819 | 874 | Jan.-July |
| Jan.-Aug. | 966 958 | ${ }_{1}^{1012}$ |  | 1044 1052 |  | 1001 995 | 884 | 884 | Jan.-Aug. |
| Jan.-Sept. | 958 958 | 1013 1011 | 1057 1053 | 1052 1069 | 757 763 | 995 988 | 808 825 | 8846 | $\begin{aligned} & \text { Jan.-Sept. } \\ & \text { Jan-Oct } \end{aligned}$ |
| Jan.-Nov. | 955 | 1008 | 1050 | 1077 | 761 | 982 | 829 | 838 | Jan.-Nov. |

The import- and export-indices have been calculated by the Statistical Dept. of the Board of Customs in the following manner: the quantities of imports and, respectively, exports for the current year have been multiplied by the average price for the class of goods in question in 1913, after which the import (or export) value for the current year has been calculated in percentage of the sum thus obtained for purposes of comparison.

The goods chosen for the setting-up of a total-index have been divided, according to their use, into the groups: foodstuffs, clothing, agricultural requirements and other goods. The three last-named have been further divided, according to their purpose, into raw materials, machinery and industrial products.

This import-price index is lower than the wholessile price index because the import-price index is not influenced by the customs duties.
27. - EXPORT-PRICE INDEX.

| Year and Month | Total <br> All Kinds | Details |  |  |  |  |  |  |  | Year and Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { Fresh } \\ & \text { Meat } \\ & \hline \end{aligned}$ | Batter | Cheese | Timber | Bobbin | Mechanical Pulp | Chemical Pulp | Paper |  |
| 1913 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 1913 |
| 1917 | 375 | 560 | 349 | 600 | 317 | 218 | 389 | 342 | 452 | 1917 |
| 1918 | 415 | 276 | 620 | 501 | 222 | 705 | 508 | 399 | 483 | 1918 |
| 1919 | 441 | 790 | 725 | 1079 | 375 | 1258 | 571 | 500 | 611 | 1919 |
| 1920 | 1053 | 805 | 916 | 1250 | 886 | 1755 | 1710 | 1742 | 1185 | 1920 |
| 1921 | 1213 | 1.008 | 1636 | 1489 | 996 | 2186 | 2202 | 1502 | 1433 | 1921 |
| 1922 | 1180 | 1075 | 1351 | 1066 | 1081 | 1911 | 2002 | 1355 | 1198 | 1922 |
| 1923 | 1145 | 1083 | 1121 | 985 | 1143 | 1865 | 1708 | 1264 | 958 | 1923 |
| 1924 | 1090 | 1045 | 1250 | 1088 | 1089 | 1936 | 1365 | 1103 | 924 | 1924 |
| 1925 | 1111 | 1026 | 1303 | 1013 | 1091 | 1950 | 1384 | 1181 | 935 | 1925 |
| 1926 | 1092 | 951 | 1166 | 884 | 1077 | 1834 | 1489 | 1209 | 940 | 1926 |
| 1927 | 1092 | 1069 | 1133 | 911 | 1114 | 1880 | 1272 | 1164 | 907 | 1927 |
| 1928 |  |  |  |  |  |  |  |  |  | 1928 |
| January | 1027 | 1246 | 1176 | 995 | 1143 | 1689 | 992 | 1093 | 881 | January |
| Jan.-Febr. | 1033 | 1242 | 1208 | 998 | 1119 | 1690 | 996 | 1050 | 881 | Jan.-Febr. |
| Jan.-March | 1028 | 1277 | 1228 | 1010 | 1183 | 1712 | 1010 | 1030 | 874 | Jan.-March |
| Jan.-April | 1031 | 1259 | 1225 | 1009 | 1191 | 1709 | 1034 | 1028 | 874 | Jan.-April |
| Jan.-May | 1047 | 1246 | 1212 | 1018 | 1180 | 1715 | 1041 | 1030 | 862 | Jan.-May |
| Jan.-June | 1067 | 1240 | 1206 | 1022 | 1191 | 1726 | 1060 | 1033 | 861 | Jan.-June |
| Jan.-July | 1082 | 1221 | 1205 | 1024 | 1179 | 1722 | 1070 | 1037 | 858 | Jan.-July |
| Jan.-Aug. | 1091 | 1205 | 1207 | 1023 | 1173 | 1746 | 1079 | 1039 | 856 | Jan.-Aug. |
| Jan.-Sept. | 1096 | 1186 | 1210 | 1026 | 1170 | 1741 | 1084 | 1039 | 855 | Jan.-Sept. |
| Jan.-Oct. | 1099 | 1160 | 1214 | 1021 | 1165 | 1745 | 1092 | 1042 | 857 | Jan.-Oct. |
| Jan.-Nov. Jan.-Dec. | 1095 | 1156 | 1219 | 1018 | 1154 | 1752 | 1096 | 1046 | 855 | $\begin{aligned} & \text { Jan.-Nov. } \\ & \text { Jan.-Dec. } \end{aligned}$ |

Beaides the total index the table contains indices for only a few of the most important exports.
See in addition remarks under Table No. 26.
28. - INDEX NUMBER FOR QUANTITIES OF IMPORTS AND EXPORTS. 1)

| Year | Jan. | Febr. | March | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | $\begin{aligned} & \text { Whole } \\ & \text { Year } \end{aligned}$ | Jan.Nov. | Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Imports |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1913 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 1913 |
| 1924 | 140.7 | 118.1 | 83.6 | 138.8 | 101.4 | 109.7 | 104.2 | 101.7 | 83.2 | 78.4 | 82.5 | 85.4 | 99.3 | 100.4 | 1924 |
| 1925 | 95.6 | 90.7 | 109.3 | 109.6 | 78.0 | 100.2 | 98.0 | 108.3 | 102.1 | 84.6 | 112.4 | 206.4 | 105.9 | 98.0 | 1925 |
| 1926 | 98.3 | 99.6 | 122.1 | 145.3 | 93.5 | 124.9 | 110.4 | 130.3 | 107.7 | 95.2 | 128.2 | 158.9 | 116.3 | 113.0 | 1926 |
| 1927 | 131.8 | 136.5 | 153.8 | 150.7 | 122.6 | 147.8 | 129.3 | 154.4 | 131.0 | 108.2 | 133.0 | 167.5 | 136.4 | 134.0 | 1927 |
| 1928 | 173.9 | 195.2 | 212.4 | 183.2 | 158.3 | 170.3 | 144.0 | 190.9 | 161.2 | 150.5 | 163.5 |  |  | 169.2 | 1928 |
|  | Exports |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1913 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 1918 |
| 1924 | 143.7 | 87.5 | 80.0 | 132.5 | 83.3 | 95.7 | 118.5 | 101.3 | 92.7 | 137.5 | 155.5 | 142.0 | 112.7 | 110.6 | 1924 |
| 1925 | 166.9 | 137.9 | 150.0 | 135.1 | 112.1 | 98.8 | 127.3 | 119.2 | 126.5 | 129.3 | 137.0 | 109.6 | 123.9 | 124.9 | 1925 |
| 1926 | 135.8 | 113.5 | 150.4 | 146.2 | 71.0 | 107.3 | 137.2 | 116.0 | 116.8 | 153.9 | 165.1 | 154.8 | 127.5 | 125.6 | 1926 |
| 1927 | 178.2 | 167.8 | 160.3 | 144.4 | 103.3 | 123.1 | 149.3 | 153.4 | 148.9 | 143.5 | 161.9 | 136.6 | 143.1 | 143.6 | 1927 |
| 1928 | 171.1 | 159.0 | 202.8 | 132.7 | 124.3 | 96.0 | 118.4 | 141.6 | 142.3 | 154.9 | 182.6 |  |  | 138.9 | 1928 |

${ }^{2}$ ) Value of imports and exports calculated on the basis of the prices for 1913 and expressed in percentage of imports and exports or 1918 during the corresponding period.
29. - TOTAL SALES OF SOME WHOLESALE FIRMS . ${ }^{1}$ )

| Month | Totaleales Mill.Fmk |  |  |  |  |  | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 |  |
| January | 119.8 | 138.9 | 163.2 | 156.8 | 180.6 | 241.1 | January |
| February | 135.7 | 167.3 | 165.6 | 165.4 | 201.4 | 257.3 | February |
| Manch | 159.2 | 187.0 | 205.2 | 225.2 | 257.0 | 336.4 | March |
| April | 152.4 | 196.8 | 213.2 | 227.3 | 238.2 | 280.6 | April |
| May | 133.1 | 171.8 | 199.6 | 206.0 | 285.9 | 288.6 | May |
| June | 146.6 | 164.0 | 182.8 | 210.8 | 227.0 | 268.5 | June |
| July | 126.2 | 178.4 | 186.2 | 211.0 | 221.2 | 260.7 | July |
| August | 148.3 | 181.0 | 214.4 | 235.3 | 258.8 | 305.1 | August |
| September | 168.0 | 188.0 | 207.3 | 244.1 | 278.4 | 321.1 | September |
| October | 171.7 | 188,7 | 203.4 | 246.2 | 282.2 | 352.3 | October |
| Dovember | 166.3 | 165.9 | 210.4 | 238.4 | 272.9 | 289.8 | November |
| Necember | 138.9 | 138.1 | 204.3 | 185.7 | 187.0 |  | December |
| Total | 1766.2 | 2060.9 | 2355.6 | 2552.2 | 2840.6 |  | Total |
| Jan.-Nov. | 1627.3 | 1922.8 | 2151.3 | 2366.5 | 2653.6 | 3201.5 | Jan.-Nov. |

${ }^{1}$ ) According to information supplled by ton wholesale firms - either co-operative or limited liability companies - the total sales of which represent about $1 / 8$ of the whole turnover of all wholesalers in Finland.

## 30. - FOREIGN SHIPPING.

| Month | Arrivals |  |  |  |  |  | Sailings |  |  |  |  |  | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | With Cargo |  | In Ballast |  | Total |  | With Cargo |  | In Ballast |  | Total |  |  |
|  | $\begin{aligned} & \text { Ves- } \\ & \text { sels } \end{aligned}$ | $\begin{array}{\|c\|} \hline \text { Reg. tons } \\ \text { Net. } \\ \hline \end{array}$ | $\begin{aligned} & \text { Ves- } \\ & \text { sels } \end{aligned}$ | $\begin{gathered} \text { Reg. tons } \\ \text { Net. } \end{gathered}$ | $\begin{aligned} & \text { Veg- } \\ & \text { sels } \end{aligned}$ | $\begin{gathered} \text { Reg. tons } \\ \text { Net. } \\ \hline \end{gathered}$ | $\begin{array}{\|l} \hline \begin{array}{l} \text { Vest } \\ \text { sels } \\ \hline \end{array} \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline \text { Reg. tons } \\ \text { Net. } \\ \hline \end{array}$ | $\begin{aligned} & \text { Ves- } \\ & \text { sels } \\ & \hline \end{aligned}$ | $\left.\begin{array}{\|c\|} \hline \text { Reg.tons } \\ \text { Net. } \end{array} \right\rvert\,$ | $\begin{aligned} & \text { Veg- } \\ & \text { sels } \end{aligned}$ | $\begin{gathered} \text { Reg. tons } \\ \text { Net. } \end{gathered}$ |  |
| 1928 |  |  |  |  |  |  |  |  |  |  |  |  | 1928 |
| January | 129 | 98694 | 10 | 9828 | 139 | 108522 | 129 | 105439 | 11 | 8611 | 140 | 114050 | January |
| February | 126 | 92537 | 6 | 9019 | 132 | 101556 | 117 | 87082 | 15 | 11392 | 132 | 98474 | February |
| March | 134 | 102676 | 8 | 11704 | 142 | 114380 | 140 | 113880 | 11 | 8164 | 151 | 122044 | March |
| April | 195 | 130034 | 21 | 16811 | 216 | 146845 | 132 | 101502 | 57 | 32561 | 189 | 134063 | April |
| May | 651 | 293726 | 296 | 217664 | 947 | 511390 | 544 | 321267 | 300 | 75203 | 844 | 396470 | May |
| June | 675 | 274373 | 478 | 327709 | 1153 | 602082 | 777 | 458755 | 326 | 71455 | 1103 | 530210 | June |
| July | 570 | 268563 | 545 | 414917 | 1115 | 683480 | 913 | 624913 | 248 | 57007 | 1161 | 681920 | July |
| August | 546 | 256198 | 551 | 444026 | 1097 | 700224 | 887 | 683229 | 258 | 48981 | 1145 | 732210 | August |
| September | 566 | 295238 | 482 | 349408 | 1048 | 644646 | 888 | 627171 | 233 | 59336 | 1121 | 686507 | September |
| October | 693 | 300605 | 378 | 244172 | 1071 | 544777 | 774 | 542862 | 293 | 68118 | 1067 | 610980 | October |
| November December | 441 | 248327 | 253 | 169989 | 694 | 418266 | 564 | 400519 | 176 | 52892 | 740 | 453411 | November December |
| $\begin{gathered} \text { Jan.-Nov. } \\ 1927 \\ \text { Jan.-Nov. } \end{gathered}$ | $\begin{array}{\|l\|l\|} \hline 4726 & 360 \\ \hline 4271 & 2043 \\ \hline \end{array}$ |  |  |  |  |  |  | $\left\|\begin{array}{\|c\|c\|c\|}4066619 & 1928 & 493730 \\ 4287824 & 1905 & 397342\end{array}\right\|$ |  |  |  |  | Jan-Nov. 1927 <br> Jan.-Nov. |
| Jan.- Nov. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{2} \text { ) Of w }$ | $\begin{aligned} & 22 \\ & 23 \end{aligned}$ | Finnish | vessels a | $\begin{array}{r} 5545 \text { foi } \\ 5491 \end{array}$ | $\mathrm{gn} \text { vel }$ |  |  |  |  |  |  |  |  |

31.     - SHIPPING WITH VARIOUS COUNTRIES AND PASSENGER TRAFFIC.

| Country of departure and destination | $\begin{aligned} & \text { Arrivals¹) } \\ & \text { Aan.-Nov. } 1928 \end{aligned}$ |  | $\begin{gathered} \text { Sailings' } \\ \text { Jan.-Nov. } 1828 \end{gathered}$ |  | Country of departure and destination | $\begin{gathered} \text { Arrivals } \left.{ }^{2}\right) \\ \text { Jan.-Nov. }{ }^{2928} \end{gathered}$ |  | $\begin{gathered} \text { Sailinga¹ }^{2} \\ \text { Jan.-Nov. } 1928 \\ \hline \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { ofsels } \end{gathered}$ | $\begin{aligned} & 1000 \\ & \text { Reg. tons } \\ & \text { Net. } \end{aligned}$ | $\begin{gathered} \text { Namber } \\ \text { of } \\ \text { ossols } \end{gathered}$ | $\begin{gathered} 1000 \\ \text { Reg. tons } \\ \text { Net. } \end{gathered}$ |  | $\begin{gathered} \text { Number } \\ \text { ofegsels } \end{gathered}$ | $\begin{gathered} 1000 \\ \text { Reg. tons } \\ \text { Net. } \end{gathered}$ | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { ossels } \end{gathered}$ | $\begin{gathered} 1000 \\ \text { Reg. tons } \\ \text { Net. } \end{gathered}$ |
| Europe: |  |  |  |  | Asia | 1 | 2.4 |  |  |
| Belgium | 317 | 245.5 | 366 | 340.7 | Africa. | 8 | 9.7 | 67 | 175.5 |
| Danzig | 297 | 229.7 | 57 | 41.1 | United States | 59 | 171.3 | 61 | 166.4 |
| Denmark | 614 | 384.2 | 480 | 130.3 | Other States |  |  |  |  |
| Esthonia | 1292 | 153.3 | 1303 | 150.1 | of America. | 15 | 41.0 | 11 | 31.2 |
| France | 82 | 89.7 | 330 | 280.8 | Australia.... | - | - | 1 | 2.6 |
| Germany ..... | 1624 | 1151.0 | 1366 | 824.9 1198.7 | Total | 83 | 2244 | 140 | 375.7 |
| Great Britain. | 655 329 | 661.1 383.5 | 1306 | 1198.7 571.5 | Grand Total | 7754 | 4576.2 | 7793 | 4560.3 |
| Latvia | 189 | 84.5 | 79 | 34.0 | PASSENGER TRAFFIC. ${ }^{2}$ ) |  |  |  |  |
| Norway | 48 | 53.2 | 8 | 7.2 |  |  |  |  |  |
| Russia | 143 | 62.7 | 203 | 883 | Month | Arrived |  | Left |  |
| Sweden | 1939 | 726.2 | 1506 | 409.5 |  |  |  |  |  |
| Spain ........ | 14 | 15.0 | 88 | 76.0 31 |  | Total | Of whom Foreigners | Total | Of Whom |
| Other countries; | 128 | 112.2 | 30 | 31.5 |  |  |  |  |  |
| Total Europel ${ }_{\text {I }}$. | 7671 | 4351.8 | 7653 | 4184.6 | November 1928 <br> Jan. Nov. 1928 | $\begin{array}{r} 2266 \\ 49041 \end{array}$ | $\begin{array}{r} 1216 \\ 27278 \end{array}$ | $\begin{array}{r} 2476 \\ 49120 \end{array}$ | $\begin{array}{r} 1164 \\ 23469 \end{array}$ |

1) Vessels with cargo and in baliast together. - ${ }^{2}$ ) Sea-traffic. Parsenger traffic overland is at present insignificant. According to flgures supplied by the Statistical Office of the Sbipping Board.
32.     - STATE RAILWAYS.

| Month | Weight of $\begin{array}{c}\text { Goods Trans- } \\ \text { portted } \\ 1000 \text { Tons }\end{array}$ |  |  | Axle-kilometres of Goods-trueks Mill. K m |  |  | Locomotlves in use Number |  |  | Goods-trucks in use Number |  |  | End of Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 | 1920 | 1927 | 1928 | 1920 | 1927 | 1928 |  |
| January | 380.5 | 818.2 | 917.8* | 28.3 | 47.0 | 52.8 | 445 | 546 | 554 | 12601 | 18453 | 19541 | January |
| February | 441.2 | 940.4 | 997.1* | 29.7 | 51.7 | 54.0 | 457 | 561 | 576 | 12642 | 18521 | 19558 | February |
| March | 412.5 | 1050.4 | 1105.9* | 30.6 | 58.5 | 60.3 | 454 | 553 | 567 | 12734 | 18619 | 19727 | March |
| April | 405.0 | 797.7 | 778.1* | 32.4 | 52.1 | 48.4 | 446 | 542 | 547 | 12601 | 18717 | 19953 | April |
| May | 426.5 | 879.9 | 962.0* | 31.1 | 54.5 | 53.1 | 458 | 562 | 566 | 12622 | 18782 | 20126 | May |
| June | 443.8 | 952.7 | 1 039.2* | 30.9 | 55.1 | 59.4 | 476 | 581 | 612 | 12662 | 18827 | 20280 | June |
| July | 470.3 | 1100.2 | $1090.2^{*}$ | 34.2 | 66.6 | 63.6 | 473 | 590 | 614 | 12720 | 18828 | 20283 | July |
| August | 430.5 | 1060.7 | 1 097.2* | 33.7 | 65.5 | 64.7 | 466 | 585 | 613 | 12808 | 18885 | 20429 | August |
| September | 437.2 | 996.7 | 1041.1* | 32.3 | 64.2 | 60.1 | 468 | 583 | 613 | 12896 | 19024 | 20685 | September |
| October | 443.5 | 919.9 | 1012.0 * | 32.3 | 58.9 | 57:8 | 472 | 579 | 605 | 13030 | 19198 | 20922 | October |
| November | 340.4 | 841.2 |  | 28.9 | 47.2 |  | 474 | 564 |  | 13137 | 19342 |  | November |
| December | 302.1 | 785.3 |  | 28.5 | 49.8 |  | 486 | 547 |  | 13233 | 19484 |  | December |
| Tan.-Oct.\|| | 4933.5 4291.0 | 1143.3 9516.8 | 10040.6* | $\begin{aligned} & 372.9 \\ & 315.5 \end{aligned}$ | $\begin{aligned} & 671.1 \\ & 574.1 \end{aligned}$ | 574.2 |  |  |  |  |  |  |  |

## 33. - STATE RAILWAYS' REVENUE, REGULAR EXPENDITURE AND TRAFFIC SURPLUS.

| Month | $\begin{gathered} \text { Revenue } \\ \text { (less Re-imbursements) } \\ \text { Mul. Fmk } \end{gathered}$ |  |  | Regular ExpenditureMill. Fmk |  |  | Traflic Surplus Mill. Fmk |  |  | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1913 | 1927¹) | 1928 ${ }^{1}$ ) | 1913 | 1927 | 1928 | 1913 | 1927 | 1928 |  |
| January | 4.3 | 62.5* | 70.0* | - | 45.3* | 48.5* | - . | 17.2* | 21.5* | January |
| February | 4.2 | 60.0* | 67.2* | - | 48.2** | 56.8* | $\bullet$ | 11.8* | 10.4* | February |
| March | 4.9 | 70.9* | 78.8* | - | 53.1* | 60.1* | - | 17.8* | 18.7* | March |
| April | 4.6 | 67.1* | 69.5* | $\bullet$ | 50.5* | 51.7* | $\bullet$ | 16.6* | 17.8* | April |
| May | 5.2 | 65.5** | 71.2* | $\bullet$ | 60.7* | 56.8* | - | $4.8{ }^{*}$ | 14.4* | May |
| June | 5.9 | 74.6* | 79.0* | * | 66.3* | 65.5* | - | 8.3* | 13.5* | June |
| July | 5.7 | 76.6* | 81.8* | - | 54.0* | 61.6* | - | 22.6* | 20.2* | July |
| August | 5.5 | 77.6* | 83 1* | - | 56.5* | 56.6* | - | 21.1* | 26.5* | Angust |
| September | 5.3 | 74.7* | 77.6* | - | $59.0{ }^{*}$ | 62.5* | - | 15.7* | 15.1* | September |
| October | 4.7 | 70.7* | 75.4* | - | 52.5* | 60.9* | - | 18.2* | 14.5* | October |
| November | 4.0 | 64.5* |  | - | 52.0* |  | $\bullet$ | 12.5* |  | November |
| December | 4.3 | 71.5* |  | - | 81.9* |  | - | -10.4* |  | December |
| Total | 58.6 | 836.2* |  | 40.3 | 680.0* |  | 18.3 | 156.2* |  | Total |
| Jan.-Oct. | 50.3 | 700.2* | 753.6* |  | 546.1* | 581.0* | - | 154.1* | 172.6* | Jan.-Oct. |

According to Finnish State Railways' Preliminary Monthly Statistics.
${ }^{1}$ ) At the final closing of the books the figures for income and expenditure will alter to a certaln extent, in some cases quite consid. erably. The difference between the results based on preliminary data and the final figures will be adjusted in the figures for December. Preliminary figures subject to minor alterations.
34. - INDEX NUMBER OF COST OF LIVING. ${ }^{1}$ )

| Month | Foodstuff | Clothing | Rent | Fuel | Tobacco | Newspapers | Taxes | Total Cost of Living | Monthly <br> Movement | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914 |  |  |  |  |  |  |  |  |  | 1914 |
| Jan.-June! | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | - | Jan.-June |
| 1925 | 1147 | 1043 | 1224 | 1362 | 1293 | 1079 | 2291 | 1212 | - | 1925 |
| 1926 | 1108 | 1042 | 1306 | 1271 | 1298 | 1079 | 2058 | 1183 | - | 1926 |
| 1927 | 1115 | 1036 | 1379 | 1405 | 1300 | 1127 | 2135 | 1207 | - | 1927 |
| 1927 |  |  |  |  |  |  |  |  |  | 1927 |
| November: | 1175 | 1038 | 1411 | 1439 | 1302 | 1127 | 2144 | 1251 | +14 | November |
| December | 1171 | 1038 | 1411 | 1449 | 1301 | 1127 | 2035 | 1243 | -8 | December |
| 1928 |  |  |  |  |  |  |  |  |  | 1928 |
| January | 1126 | 1039 | 1411 | 1440 | 1300 | 1159 | 2035 | 1216 | $-27$ | January |
| February | 1112 | 1040 | 1411 | 1430 | 1300 | 1159 | 2035 | 1206 | $-10$ | February |
| March | 1123 | 1043 | 1411 | 1438 | 1300 | 1159 | 2035 | 1214 | +8 | March |
| April | 1119 | 1043 | 1411 | 1436 | 1300 | 1159 | 2035 | 1212 | - 2 | April |
| May | 1113 | 1044 | 1411 | 1434 | 1299 | 1159 | 2035 | 1207 | $-5$ | May |
| June | 1126 | 1048 | 1430 | 1436 | 1295 | 1159 | 2035 | 1219 | + 12 | June |
| July. | 1155 | 1048 | 1430 | 1424 | 1295 | 1159 | 2035 | 1236 | +17 | July |
| August | 1191 | 1049 | 1430 | 1421 | 1294 | 1159 | 2035 | 1258 | +22 | August |
| Septemberi | 1174 | 1052 | 1430 | 1429 | 1295 | 1159 | 2035 | 1249 | +9 | September |
| October | 1183 | 1052 | 1430 | 1426 | 1296 | 1159 | 2035 | 1254 | $+5$ | October |
| November \|| | 1194 | 1054 | 1430 | 1442 | 1297 | 1159 | 2035 | 1262 | + 8 | November |

${ }^{2}$ ) From the beginning of 1921 onwards a new official index has been drawn up differing from that pubilshed in the Bulletin for 1922 in that the whole first half of 1914 forms the basis ( $a 100$ ) for the same and that the rise in taxation is also included.

The index is calculated by the Statistical Burean of the Ministry of Social Affairs and is based on monthly reports from 21 different centres; it shows the rise in the cost of liviny for a workingman's family of normal size, the income of which amounted during the years $1908-1009$ to $1600-2000 \mathrm{Fmk}$, assuming that the average monthly consumption within the same remained unaltered. The tudex for total cost of living ist the average based on weight of the different indices.
35. - WHOLESALE PRICE INDEX.

| Year and Month |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (17) | (24) | (7) | (26) | (9) | (12) | (14) | (26) | (135) |  | (61) | (39) | (35) |
| 19 | 137 | 175 | 110 | 153 | 128 | 167 | 126 | 148 | 147 | - | 147 | 153 | 143 |
|  | 133 | 168 | 101 | 149 | 128 | 153 | 122 | 144 | 142 | - | 143 | 144 | 137 |
| $1927$ | 132 | 168 | 115 | 158 | 132 | 155 | 122 | 146 | 145 |  | 145 | 145 | 146 |
| 1927 | 132 | 168 | 115 |  |  |  |  |  |  |  |  |  |  |
| 1927 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| November | 138 136 | 168 165 | 130 132 | 161 162 | 128 128 | 165 | 122 122 | 149 150 | 149 | +1 -1 | 151 150 | 146 145 | 148 148 |
| December | 136 | 165 | 132 | 162 | 128 | 164 | 122 | 150 | 148 | -1 | 150 | 145 | 148 |
| - 1928 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 133 | 156 | 137 | 160 | 124 | 165 | 119 | 138 | 144 | -4 | 144 | 141 | 146 |
| February | 134 | 156 | 134 | 161 | 125 | 166 | 118 | 137 | 143 | $-1$ | 143 | 140 | 147 |
| March | 136 | 157 | 137 | 160 | 125 | 169 | 118 | 137 | 144 | $+1$ | 144 | 142 | 146 |
| April | 143 | 160 | 143 | 158 | 126 | 166 | 117 | 136 | 145 | $+1$ | 145 | 143 | 147 |
| May | 139 | 161 | 137 | 158 | 126 | 167 | 117 | 132 | 143 | -2 | 143 | 142 | 146 |
| June | 143 | 161 | 133 | 157 | 126 | 167 | 118 | 136 | 145 | $+2$ | 147 | 141 | 145 |
| July | 141 | 160 | 138 | 158 | 126 | 168 | 119 | 138 | 145 | - | 147 | 142 | 145 |
| August | 142 | 160 | 137 | 158 | 126 | 166 | 120 | 146 | 147 | $+2$ | 152 | 141 | 145 |
| September | 145 | 158 | 133 | 155 | 125 | 163 | 120 | 143 | 146 | -1 | 152 | 141 | 143 |
| October | 151 | 157 | 126 | 156 | 123 | 163 | 119 | 143 | 146 | - | 150 | 141 | 142 |
| November | 149 | 155 | 127 | 159 | 123 | 163 | 120 | 143 | 145 | $-1$ | 149 | 141 | 144 |

The index is worked out at the Central Statistical Office. - In determining the bases o dcalculation for the index the combined value of the country's production and imports for 1913 are taken into account without deducting the value of exports. The figures show the change in the level of prices in relation to gold and are obtalned from those previously published by dividing the latter by 7.6613. The totsil number of commodities included is 135 . and the figures in frackets at the head of the columns indicate the nlumber of commoditics in the corresponding groups. - In working out the index figures the method known as oproportionate prices ls employed, i. e. the price of earh commodity is taken in a percentage ratio to a corresponding figure fur the basic period and the average is then calculated on the basis of the resultant proportionate figures. The corresponding months in 1913 are taken as a basis. In the calculations geometrical averages are employed. No actual weighting of figures is undertaken; this is carried out, however, indirectly with the aid of the list of commodtties.
36. - NUMBER OF UNEMPLOYED.

| Find of Month | 1926 |  |  | 1927 |  |  | 1928 |  |  |  | End of Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Male | Female | Total | Male | Female | Total | Male | Female | Total | Monthly Movement |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| January | 2803 | 1029 | 3832 | 2545 | 1088 | 3633 | 2216 | 726 | 2942 | + 790 | January |
| February | 2468 | 994 | 3462 | 2054 | 975 | 3029 | 1782 | 713 | 2495 | - 447 | February |
| March | 1536 | 682 | 2222 | 1368 | 736 | 2104 | 1543 | 596 | 2139 | - 356 | March |
| April | 1177 | 784 | 1961 | 993 | 709 | 1702 | 977 | 505 | 1482 | - 657 | April |
| May | 653 | 620 | 1273 | 670 | 569 | 1239 | 502 | 366 | 868 | - 614 | May |
| June | 440 | 484 | 924 | 596 | 534 | 1130 | 441 | 370 | 811 | - 57 | June |
| July | 391 | 558 | 949 | 439 | 443 | 882 | 415 | 347 | 762 | - 49 | July |
| August | 474 | 738 | 1212 | - 586 | 635 | 1221 | 491 | 366 | 857 | + 95 | August |
| September | 539 | 786 | 1325 | 585 | 666 | 1251 | 603 | 343 | 946 | + 89 | September |
| October | 835 | 978 | 1813 | 939 | 682 | 1621 | 992 | 608 | 1600 | + 654 | October |
| November | 1336 | 994 | 2330 | 1641 | 808 | 2449 | 2117 | 928 | 3045 | +1445 | November |
| December | 1528 | 644 | 2172 | 1689 | 463 | 2152 |  |  |  |  | December |

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

## 37. - CESSATION OF WORK.

| Month | Initiated cessation of work |  |  | Cessation of work continued from preceding month |  |  | Total |  |  | Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | number | affecting |  | number | affecting |  | number | affecting |  |  |
|  |  | employers | hands |  | employers | hands |  | employers | hands |  |
| 1926 |  |  |  |  |  |  |  |  |  | 1926 |
| November | - | - | - | 8 | 30 | 558 | 8 | 30 | 558 | November |
| December | 2 | 2 | 226 | 5 | 16 | 435 | 7 | 18 | 661 | December |
| 1927 |  |  |  |  |  |  |  |  |  | 1927 |
| January | 5 | - | 269 | 3 | 7 | 347 | 8 | - | 616 | January |
| February | 2 | 5 | 100 | 2 | 2 | 204 | 4 | 7 | 304 | February |
| March | 12 | 27 | 1125 | 1 | 1 | 180 | 13 | 28 | 1305 | March |
| April | 7 | 20 | 115 | 4 | 4 | 672 | 11 | 24 | 787 | April |
| May | 21 | 104 | 8479 | 6 | 15 | 734 | 27. | 119 | 9213 | May |
| June | 15 | 31 | 2739 | 15 | 84 | 8505 | 30 | 115 | 11244 | June |
| July | 7 | 20 | 236 | 22 | 103 | 10333 | 29 | 123 | 10569 | July |
| August | 4 | 4 | 113 | 18 | 98 | 8867 | 22 | 102 | 8980 | August |
| September | 3 | 3 | 94 | 16 | 91 | 8540 | 19 | 94 | 8634 | September |
| October | - | - | - | 16 | 91 | 8542 | 16 | 91 | 8542 | October |
| November | 2 | 2 | 83 | 12 | 83 | 8109 | 14 | 85 | 8192 | November |
| December | 1 | 1 | 15 | 11 | 82 | 8052 | 12 | 83 | 8067 | December |
| 1928 |  |  |  |  |  |  |  |  |  | 1928 |
| January | 2 | 2 | 111 | 3 | 8 | 449 | 5 | 10 | 560 | January |
| February | 7 | 8 | 663 | 2 | 2 | 299 | 9 | 10 | 962 | February |
| March | 4 | 10 | 1841 | 4 | 4 | 623 | 8 | 14 | 2464 | March |
| April | 10 | 13 | 2258 | 5 | 13 | 2215 | 15 | 26 | 4473 | April |
| May | 19 | 53 | 2252 | 8 | 19 | 3313 | 27 | 72 | 5556 | May |
| Jone | 13 | 114 | 14979 | 17 | 28 | 3599 | 30 | 142 | 18578 | June |
| July | $\square$ | 7 | - | 25 | 132 | 18738 | 25 | 132 | 18738 | July |
| August | 5 | 7 | 194 | 20 | 80 | 16976 | 25 | 87 | 17170 | August |
| September | 2 | 10 | 252 | 21 | 99 | 17564 | 23 | 109 | 17816 | September |
| October | 1 | 1 | . 14 | 22 | 108 | 17674 | 23 | 109 | 17688 | October |
| November | 3 | 3 | 52 | 16 | 87 | 15486 | 19 | 90 | 15538 | November |

The above particulars which are of a preliminary natare, have been compiled by the Statistical Burean of the Ministry of Social Alfairs. The majority of cases of cessation of work were described as strikes.

## CERTAIN PARTICULARS ABOUT FINLAND.

## 1. FORM OF GOVERNMENT.

Finland formed a part of the kingdom of Sweden from 1154 to 1809; since 1809 it was an autonomous Grand Duchy connected with Russia up to December 6th, 1917, when Finland declared its independence, which was acknowledged by all the Powers including Soviet Russia. It became a repubilic 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 L. Kr. Relander is eleoted for the term 1 March, 1925, to 1 March, 1931.

The Diet, composed of 200 members, is elected by universal suffrage. The proportions of the different parties in the Diet elected In 1927 are as follows:


## 2. LAND.

THE AREA is 388,483 square kilometres $-150,005$ square miles, (Great, Britain's area is $\mathbf{8 0 , 0 4 7} \mathbf{s q}$. m. and Italy's area 117,982 sq. m). Of the total area $11.5 \%$ are lakes. On an average $10.8 \%$ of the land in the south of Finland is cultivated, $0.9 \%$ in the North, $6.3 \%$ of the whole land. Of the land area 25.8 mill. ha ( 62.6 mill. acres) or $73.4 \%$ are covered by forests.

THE AVERAGE TEMPERATURE in the coldest month is in S. W. Finland $-5^{\circ}$ to - $8^{\circ}$ C., in Lappland $-15^{\circ}$ C. and during the warmest month $+15^{\circ}$ and $+13^{\circ}$ to $+14^{\circ} \mathrm{C}$. resp. The average temperature in Helsinki is $+4.6^{\circ}$ (in Oslo $+5.4^{\circ}$, in Montreal $+5.4^{\circ}$, in Moscow $+8.6^{\circ}$ ). The ground is covered by snow in the South during about 100 days, in Central Finland during 150 to 180 days, in Lappland abont 210 days.

## 3. POPULATION.

NUMBER OF INHABITANTS (1926): 3.6 millions, of which 0.3 million emigrants, (in Sweden (1926) 6.1, in Switzer!and (1925) 3. 9, in Denmark (1926) 3.4 and in Norway (1926) 2.8 millions).

DENSITY OF POPULATION (1926): In South-Finland 18.1, In North-Finland 2.4 and in the whole conntry an average of 10.4 inhabitants to the square kilometre.

LANGUAGE (1920): Finnish speaking $88.7 \%$, Swedish speaking $11.0 \%$, others $0.3 \%$.

RELIGION (1926): Lutheran $97.1 \%$, Greek-Orthodox $1.7 \%$, others $1.2 \%$.

DISTRIBUTION (1926): $80.0 \%$ of the population inhabit the country, $20.0 \%$ the towns and urban districts. The largest tewns are (1926): Helsinki (Helsingfors), the capital, 215,829 inhabitants, Turku ( $\AA$ bo) 61,664, Tampere (Tammerfors) 52,394, Viipuri (Viborg) 48,988.

FEDUCATION (1920): Amongst persons over 15 years of age only $1.0 \%$ are illiterate. Three universities founded 1640, 1.917 and 1920.

INCREASE OF POPULATION (1926): Births $21.7 \%$, deaths $13.4 \%$ (in France in $192517.6 \%$ and in England in $192512.2 \%$ \%o\%, natural increase $8.8 \%$.

## 4. INDUSTRY.

PROPORTIONS OF OOOUPATIONS OF THE POPULATION (1920): agricultare $65.1 \%$, industry and manual labour $14.8 \%$, commerce $3.5 \%$, other occupations $17.7 \%$.

OWNERSEIP OF LAND. The land area is distributed among different classes of owners approximately as follows: private $52.1 \%$, State $39.7 \%$, Jolnt Stock companies $6.5 \%$, communities $1.7 \%$.

FOREST RESOURCES. The growing stock of the foreat is 1,620 million $\mathrm{m}^{2}$ ( 57,213 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 $81 \%$, spruce by $28 \%$, the conifers thus consituting $89 \%$ or 1,384 million trees, leaftrees, mostly birch, $11 \%$ or 173 million trees. The annual increment is 44.6 million $\mathrm{m}^{2}(1,568$ million cub.ft.). The annual fellings according to earlier calculations are 40 million $\mathrm{m}^{3}$ ( 1,413 million eab. ft.). In North Finland the increment is much larger than the fellings, but in South Finland excess felling occurs locally.

AGRICULTURE. Cultivated land 2.1 million hectars, divided as follows: area under cultivation $0.4-10$ hectars $\mathbf{3 3 . 7} \%, 10-50$ ha $48.9 \%$, $50-100$ ha $9.3 \%$, over 100 ha $8.1 \%$. Cultivated land was divided between the different kinds of crops as follows: $\mathbf{4 6 . 8} \%$ hay, 20.4 \% oats, 11.1 \% rye, $5.8 \%$ barley, 3.2 \% potatoes, $13.1 \%$ other. The number of dairies in 1926 amounted to 595.

INDUSTRY (1926): Number of industrial conserns 3,525, hands 149,367 , gross value of products of industry 10,035 million marks.

LENGTH OF BAILWAYS (1927): $5,053 \mathrm{~km}$, of which 4,787 km State railways and 266 km private. The gauge is 1.524 m .

COMMERCIAL FILEET (1927): Sailing ships 511 ( $79,351 \mathrm{reg}$. tons net.), steam ships 548 ( 109,863 r. t.), motor veasels 92 (11,095 r. t.), lighters 3,779 (277,020 r.t.). Total 4,930 (477, 329 r. t.).

## 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 imarkkas) $=100$ pennies. The gold value of 100 marks is equal to $\$ 2.5185=5-10 / 41 / s \mathrm{~d}$.

STATE FINANCES. According to the balance sheet for 1927 the State revence was $\mathbf{3 , 9 8 6}$. 1 million marks of which $3,807.9$ million marks were ordinary revenue, and State expenditure $3,988.5 \mathrm{mil}$ lion marks, of which $3,329.3$ million marks were ordinary expenditure. The principal sources of revenue were as follows: State property and undertalings $1,438.2$, direct taxes 485,3 , indirect taxee 1,424.2, miscellaneous taxes 244.0, charges 193.7, miscellaneous revenue 187. 1 . The value of State property in 1922 is estimated at $11,150.6$ million marks. For National Debt see table 18 in this issue.

MUNICIPAL FINANCES. According to the Budget for 1927 expenditure amounted to 965.1 million marks. Income from taxation was 359.6 million marks, taxed income $4,925.5$ million marks. The communal income tax (not progressive) averaged $7.0 \%$ of the ratepayers' incomo.

THE BANK OF ISSUE. The Bank of Finland, (founded in 1811) is a State Bank. Its head-oftice is in Helstnki (Helsingfors) with branches in Turku (Aंbo), Pori (Björneborg), Vaase (Vasa), Oulu (Ulesborg), Kuopio, Joensuu, Sortavals, Viipuri (Viborg), Mikkell (S:t Michel), Tampere (Tammerfors), HEmeenlinna (Tavastehus), Jyviskyla and Kotka.

THE JOINT STOCK BANKS (1928): Number 18, possess 555 branch offices, where all kinds of banking business is transacted. Including all banks, there is one banking establishment per 6,300 inhabitants.

The largest banks are: Kansalis-Osake-Pankkd, Ab. Nordiska Föreningsbanken, Ab. Unionbanken and Helsingfors Aktlebank, all with head offices in the capital.

OTHER BANKS (1928): Mortgage banks 7, Savings banks 471, Có-operative Credit Societies 1,398 and a Central Bank for the latter.

# LAND REFORM IN FINLAND. 

BY<br>KYÖSTI HAATAJA, ll. d.<br>chief director of the board of survey.

## ORIGIN.

The systematical organisation of measures for land reform may be said to have begun in 1901, in which year detailed statistics were drawn up of social and economic conditions in the rural districts. According to these statistics, there were in that year 110,629 rural households in the landowning class, representing $23 \%$ of the total number of rural households; 160,525 households or $34 \%$ in the tenant class; and 206,988 households or $43 \%$ in the landless class. As these figures indicate, the proportion of tenants was unduly high. An additional circumstance was that the lease-system was particularly widespread in the most fertile districts, where the number of leased estates amounted to about $78-79 \%$ of the total number of estates. The laws then in force in regard to land tenure did not guarantee the tenant a position of security in harmony with the conditions prevailing at that time, nor did they secure to him such right to the fruits of his labour as the conditions of those days demanded. The statisties show also that the proportion of the wholly landless amongst the population was very high. The task of land reform resolved itself accordingly into the organisation of lease conditions and the provision of land for wholly landless households.

## ORGANISATION OF LEASE CONDITIONS

To improve the conditions on which land was leased. laws were successifully passed in 1909 which aimed at improving the position of
tenants by affording greater protection to the tenant and by securing him the right, on the expiration of a lease, to compensation for inlprovements made by him to the property. The most important of the new regulations were made retrospeative so as to affect leases drawn up previous to the new laws. As there was reason to fear that landowners might be tempted in the altered conditions to evict their tenants, evictions were temporarily prevented by special coercive legislation. While this legislation was still in force, measures were planned for turning tenants into the legal owners of their holdings. These plans were realised by the daw of October 15th, 1918, relating to the redemption of leased lands by the tenant and by the statute of April 11th, 1919, relating to the carrying into effect of that law. Alterations and additions were subsequently made both in the law and the statute. The main features of this new legislation are the following.

Every tenant has the right to redeem his leased holding for himself, if he so desires. Also. the landowner has the right to demand of a tenant. that he should exercise his right of redemption. The right of redemption applies to the area of cultivated and arable land formerly disposed over by the tenant, on the condition. however, that not more than a total of 20 hectare: of both may be redeemed without the consent ol the landowner. If the tenant has had the right. to use the landowner's forest, he is further entitled to redeem for himself as much forest: land as will provide hirn with the timber needed
for home consumption, though more than double the combined area of cultivated and arable land redeemed by him and in no case more than 20 hectares. If the area for redemption comprises less than 2 hectares of cultivated and arable land, it is regarded as a dwelling site and carries with it no right to redemption of forest land. The redemption price is calculated on prices ruling in 19.14. In case a tenant redeems cultivated and axable land to a total extent of over 10 hectares, the current price is payable for the area in excess of 10 hectares, the same applying to forest land in excess of 10 hectares and to timber of 20 cm . or over at 1.2 metres height. Should a tenant so desire, the Government pays the landowner the redemption price in bonds bearing interest at $5 \%$, in which case the tenant undertakes to reimburse the Government by annual instalments over a period amounting in the case of farm-holdings to 37 years and in the case of dwelling sites to 21 years.

Since 19.19 the transformation of tenants into independent farmers has continued without interruption and will now soon be coneluded. The number of tenants setitled between 1920 and the end of 1927 is 96,587 . Of these, 51,849 were former temants of farm-holdings, while 44,738 had lived on leased dwelling sites. The three southwesit provinces, the part of the country best cultivated, accounted for 54,532 cases, including 24,374 lessees of dwelling sites. According to the available information, there are still about 4,000 leased holdings in course of transformation into independent farms and it is expected that an additional 6,000 or so new holdings will be formed from those leased lands in respect of 'which no claims have yet been put in for redemption. Altogether, therefore, a total of about 106,000 new farms will have been formed during the counse of a few years. An equal number of former tenants will thus have passed from the tenant class into the landowning class in a little more than a decade thanks to the legislative measures begun in 1918.

The area of cultivated land set aside for new farm-looldings has been, in general; between ;
-- 20 hectares, in exceptional cases more, and that of forest land between 6--20 hectares. The whole area redeemed for new farm-holdings may be estimated at about $1,000,000$ hectares. Most of the holdings were redeemed br voluntary agreement between landowner and tenant. Only in about $11 \%$ of all the cases dealt with was recourse had to expropriation by the authorities. As tenants have had the legal right to redeom their holdings at a price corresponding to the prioes curren't in 1914 , in other words, at a price which, owing to currency depreciation since 1918, is only about $1 / 10$ of present prices, the terms of redemption have usually been extremely favourable to the tenant. And as in most cases agreements were reached for the redemption price to be paid to the dandowner within a fixed period of years, tenants have tried to complete their payments during the past few years, and have suocecled in a very great measure in doing. so.

## OTHER SET'ILING AC'IIVITY.

While the work of transforming leased lands inito independent holdings has been proceeding, the settling of the landless population has gone on in other ways, too. Particular attention is merited by the use, through the communal colonization committees, of Government means for granting credit for the formation of new farms, and by similar work done by the co-operative rural banks with their own means. "These two forms of activity show the following results.

Between 1892-1927 altogether 20,765 new farms were founded with the financial help of the Government, these including 13,419 farmholdings and 7,346 dwelling sites, representing an aggregate area of 533,026 hectares. For this area a total sum of 201.5 million marks was paid. Additional land was further bought for 6,167 holdings which were too small by themselves.

Regarding the settlement work done by the co-operative rural banks, information is available only concerning the last few years. The available information shows the co-operative rural banks to have been instrumental in founding between



1925-27 altogether 1,795 new farms, with an aggregate area of 26,645 hectares, and to have assisted the purchase of additional land, aggregating 37,502 hectares, for 3,984 farms. The total land settled by them thus amounts to 64,147 hectares, for which approximately 33 million marks were used.

## TOTAL RESULTS OF LAND REFORM.

A clear idea of the total results of this national colonisation work is obtained by comparing the number of estates in the lists of farms for the years 1901 and 1927, for which years statistics of this nature were drawn up.

In 1901 the total number of estates was 138,072, against 394,301 in 1927 . The number of estates had thus increased between 1901 and the end of 1927 by 256,000 .

Information is also available regarding the division of estates according to area at the end of 1927. This information shows the classes indicated to have been represented as follows:

| less than 20 hectares | 230,178 | estates or | $58 \%$ |  |
| :--- | :--- | :--- | :--- | :--- |
| $20-100$ hectares... | 117,355 | $"$ | $"$ | 30 |

The statistics for 1901 do not contain figures showing the proportion of different-sized estates. They do, however, give the number of landowners, classified according to the area of the estates owned by them. Thus, the number of landowners in that year was 121,684, a number smaller than the number of estates, owing to the fact that some of the estates were cultivated jointly with other estates. In regard to the area of their estates the landowners were divided as follows:

| Less :than 20 he | 11,710 | landowners |
| :---: | :---: | :---: |
| 20-100 hectares | 55,582 | , |
| 100 hectares or m | 54,392 |  |

A comparison between these figures and those giving the number of estates in 1927 shows the number of quite small estates to have risen since 1901 from about 12,000 to about 230,000 , almost
a twentyfold increase, and even that of the medium-sized estates to have doubled approximately.

The information regarding the increase of tillage bears out the impression received of an increasing number of estates. According to the statistics the total tillage in 1901 amounted to $1,568,072$ hectares. The 1927 statistics show a total tillage of $2,160,072$ hectares. The increase has thus been 592,000 hectares, or $37 \%$.

## IMPORTANCE OF THE LAND REFORM.

The progress which has been made in Finland in home colonisation during the past few decades has been of extreme importance to the country. It has resulted in converting very large numbers of the landless into landowners, with their consequent transfer into the property-owning class. It has appreciably assisted in increasing the area under cultivation. And this increase has denoted a great rise in the national production of foodstuffs. At the same time, the new social position acquired by the former landless has raised this part of the population both spiritually and economically. A strong interest in progress is now generally apparent amongst them. The new farmers have joined the co-operative movement in large numbers, as shown by the great increase in the number of co-operative rural banks, co-operative dairies and stores, especially in those districts in which the formation of new estates has been most plentiful. The new farmers have also joined in wholesale fashion in all other concerted progressive movements amongst farmers. They display a keen interest in increasing their cultivations, in adopting new methods of cultivation, in improved breeding methods, and in increasing the theoretical and practical knowledge particularly of the rising generation. Thus the work of colonisation has improved the social fabric of the nation in the rural districts, it has appreciably assisted the general economic and cultural development of the rural population and provided a better basis for the political future of the country.

## THE FINNISH BUDGET FOR 1929.

On December 20th the Diet passed the State Budget for 1929. It is drawn up on the same principles on which the Budgets for previous sears were based and an account of which appeared in No. 19, 1925, and No. 12, 1.926, of this Bulletin.

The Budget is given belorw in a condensed form for want of space, revenue and expenditure being inserted for the main groups and sections, but the subsections and groups of the latter only being specified in a few cases. All the revenue and expenditure in the Budget. are gross figures.

THE FINNISH STATE BUDGET FOR 1929. Ordinary Budget.

## A. REVENUE

## I. Land and other State property.

Mill. mks.

1. Land .................................... 36.9
2. Fisheries . ................................ $\quad 0.9$
3. Forests . . . . . . . . . . . . . . . . . . . . . . . . . . 328.0
4. Buildings . . ............................. . . . . 9.0
5. Canials . . . . . . . . . . . . . . . . . . . . . . . . . . . 12.0
6. Interest . . . . . . . ........................... 61.7
7. Railways . . . . . . . . . . . . . . . . . . . . . . . . . 954.7
8. Industrial enterprises ................ 237.3

II. Direct Taxes.
9. Fees for concessions ................. 0.3
10. Income and Property tax .......... 500.0

Total for group II $\quad 500.7$
III. Indirect Taxes.
11. Custom-House revenue ............... 1,214.6

』. Excise . . ............................... 202.0
Total for group III 1,416.6

## IV. Various T'axes.

1. Chancellery fees in Government Departments
11.0 !
2. Fees for tests of metals and paper .. 1.2
3. Registration fees
1.3
4. Stamp dues ............................. 235.0
5. Fines . . . . . . . . . . . . . . . . . . . . . . . . . . 2.5

Total for group IV 251.0
V. Fees for the services of various Government Offices.

1. Post and Telegraiph Office
Mill. mks. ..... 171.4
2. Shipping ..... 25.7
3. Public hospitals
4. Schools ..... 15.0
5. Various minor fees ..... 6.9 ..... 3.8
VI. Sundry Revenue.
6. Fines ..... 36.0
(2. Various minor receipts ..... 0.004 )
7. Payments on account for land pur- chased ..... 1.2
8. Restitution of expenses prepaid by Government ..... 5.7
9. Offical newspapers ..... 1.2
10. Government Printing Works and Sta- tionery Office ..... 11.9
11. Revenue from work in various Go- vernment institutions ..... 29.2
12. Contribution from Municipalities ..... 16.2
9-10. Various minor sources of revenue ..... 0.6
13. Fees for control of special trades ..... 0.8
14. Revenue from payments in kind re- ceived by Government officials and servants ..... 16.2
15. Occasional revenue ..... 46.9
Total for group VI ..... 165.2
Total ordinary revenue $4,196.8$

## B. EXPENDITURE.

## I. President of the Republic.

1. President ..... 1.8
2. President's Chancellery ..... 0.2
Total for group I
II. Diet.
3. Expenses of the Diet ..... 10.5
4. State auditors ..... 0.2
5. Solicitor to the Diet ..... 0.1
Total for group II ..... 10.8
III. Government Dcpartments and Chancellor's offices.
6. Government offices ..... 4.5
7. Government's Chancellery ..... 0.9
8. Joint expenditure for the Govern- ment's Chancellery and various mi- mistries ..... 1.0
9. Offices of the Chancellor of Justice . . ..... 0.6
Total for group III ..... 7.0
IF. Government institutions subject to the Government's Chancellery.
10. Central Statistical Office ..... 1.9
11. Library of the Diet ..... 0.4
12. Official newspapers ..... 0.7
13. Government Printing Works ..... 9.2
14. Government Stationery Office ..... 0.6
15. Special grants ..... 0.6
Total for group ..... 13.4

## V. Government institutions subject to the Ministry for Forcign Affairs.

$\qquad$

1. Ministry for Foreign Affairs ...... 3.6
2. Legations and Consulates ..... 27.4
3. Representatives at. Diplomatic Con-0.7
ferences
4. Special grants .......................... ..... 3.0
Total for group $V$
Total for group $V$ ..... 34.7 ..... 34.7
V1. Courts of Law and Government institutions subject to the Ministry of Justice.
5. Ministry of Justice ..... 3.2
6. Supreme Court of Justice ..... 4.1
7. Supreme Administrative Court ..... 2.1
8. Courts of Justice ..... 9.0
9. District Assizes ..... 8.3
10. Courts for partition of village land ..... 0.5
11. Prisons ..... 79.5
12. Special grants ..... 2.9
Total for group VI ..... 109.6
VII. Government institutions subject to the Ministry of the Interior.
13. Ministry of the Interior ..... 1.0
14. Governors and other officials ..... 56.3
15. Town police ..... 57.4
16. Medical sexvice ..... 89.2
including:

17. Veterinary service ..... 4.6
18. Special grents ..... 44.7
including:
Guard on Russian frontier ..... 26.3
Detective police ..... 6.1
the law of prohibition
Total for group VII ..... 253.2
VIII. Government institutions subject to the Ministry of Finance.
19. Ministry of Finance ..... 1.0
20. Customs ..... 47.5
21. Treasury
22. Treasury ..... 1.4 ..... 1.4
including
Board of Oustoms ..... 28
Custom-Houses and frontier gaards ..... 7.8
Coastgard vessels
the law of prohibition
0.5
23. Mint
1.1
24. Government auditors ..... 0.9
25. Control of credit institutions
inclading:
Inspection of banks ..... 0.4
Inspection of Savings banks ..... 0.3
26. Stamp office ..... 0.1
27. Collection of taxes ..... 15.8
28. Special grants ..... 1.4
IX. Government institutions subjeat to the Ministry of Defcnce.
Mill. mks.
29. Ministry of Defence ..... 6.8
30. Salaries and wages ..... 165.9
31. Expenditure on household require- ments ..... 92.2
32. Maintenance of horses ..... 16.1
33. Training and education ..... 4.2
34. Medical attendance ..... 2.4
35. War material and Army Service Corps material ..... 23.0
36. Vessels and material for ships and naval warfare ..... 7.8
37. Material for Air Force ..... 24.1
38. Real estate ..... 37.8
39. Transport and travelling expenses ..... 10.6
40. Special grants ..... 7.5
41. Civic Guards ..... 35.0
Total for group IX .....
X. Government instituitions subject to the Ministry of Education.
42. Ministry of Education ..... 0.8
43. Lutheran Church ..... 6.1
44. Greek-Orthodox and Roman Catholic Ohurches ..... 0.8
45. Helsingfors University ..... 27.6
46. Sehool Board ..... 2.6
47. Secondary schools ..... 99.5
48. National schools ..... 391.6
including:Training colleges for teachers in na-
tional schools.......................... ..... 11.6Training colleges for teachers in pre-
paratory schools.

pistrict inspectors ..... | 1.7 |
| :--- |
| 2.8 |

State grants for national schools.
Special grants for national schools.
8. Special schools ..... 6.5
inclading:
Sohools for the deaf and dumb ..... 4.9
Schools for the blind
14.6
9. Grants for public instruction ..... 14.
10. State Archives ..... 0.9
11. Arehaeological Commission ..... 2.1
12. Grants in aid of science and art ..... 10.0
13. Special grants ..... 1.5
Total for group X ..... 464.6
XI. Government institutions subjectto the Ministry of Agriculture.

1. Ministry of Agriculture ..... 0.8
2. Land surveying ..... 15.3
3. Various land surveying expenses ..... 19.0
4. Board of Agriculture ..... 3.3
5. Agricultural Colleges and schools ..... 39.3
6. Agricultural experiments and ex- amination ..... 5. 7
7. Agricultural control institutions ..... 2.9
Government agricultaral chemical Gaboratory Government seed controi................. ments ..... 0.6
Government bntter control establish. ments ..... 0.8
Machinery testing establishments. ..... 0.1
Private control establishments ..... 0.6

XIV. Government institutions subject to the Ministry for Social Affairs.
Mill. mks.
8. Ministry for Social Affairs ..... 3.4
9. Insurance Council ..... 0.6
10. Accident Office and Compensation for accidents ..... 65.9
includiug:
Supplementary grant to old age andsickness insurance fund50.0
11. Crafts inspectors ..... 2.0
12. Poor Law inspectors ..... 0.4
13. Temperance reform support and con- trol of production of malt bevera- ges ..... 2.7
14. Grant to Poor Law ..... 5.3
15. Support of victims of the war ..... 5.3
16. Berttula educational establishment for the mentally deficient ..... 1.6
17. Protection of children ..... 17.7
18. special grants ..... 2.2
Total for group XIV ..... 107.1
XV. Sundry Public Expenditure.
19. Repairs and new construction ..... 24.0
20. Special grants ..... 4.7
XVI. Pensions and Civil List.
21. Ordinary pensions ..... 55.4
22. Extraordinary pensions ..... 19.5
23. Halffpay list ..... 1.4
24. Special grants ..... 30.0
Total for group XVI ..... 106.3
XVII. National Debt.
25. $188931 / 2 \%$ loan ..... 12.4
26. $189531 / 2 \%$ loan ..... 1.0
27. $18983 \%$ loan ..... 1.8
28. $1.90131 / 2 \%$ loan ..... 0.9
29. $190331 / 2 \%$ loan ..... 0.3
30. $190941 / 2 \%$ loan ..... 16.3
31. $191851 / 2 \%$ Liberty loan ..... 11.8
32. $191851 / 2 \%$ Second Liberty loan ..... 5.9
33. Bond loan taken up for purchase of shares in Tornator Ltd. ..... 3.2
34. Bond loan taken up for reparations for war lasses ..... 5.9
35. $19206 \frac{1}{2} \%$ Foreign Currency loan ..... 5.4
36. $19227 \%$ loan ..... 11.2
37. 19233 ( $31 / 2$ ) \% loan ..... 12.5
38. $19236 \%$ loan ..... 53.2
39. $19257 \%$ loan ..... 27.8
40. $192661 / 2 \%$ loan ..... 45.4
41. $192851 / 2 \%$ loan ..... 40.7
42. Short-term loans ..... 0.2
43. Commissions and other expenses ..... 1.4
XVIII. Industrial enterprises.
44. Sulphuric acid \& superphosphate works ..... 46.9
45. Margarine factory ..... 10.4
46. Alcohol works ..... 58.7
47. Powder works ..... 4.1
48. Cartridge factory ..... 9.7
49. Aeroplane works ..... $16 .{ }^{-1}$
$\square$


## ITEMS.

Cabinet crisis. The Government tendered its resignation to the President of the Republic on December 13th after the Diet had passed a vote of censure on the previous evening in connection with a matter of little importance. It will be remembered that the retiring Government, in which Mr J. E. Sunila was Prime Minister, was purely an Agrarian government, representing a minority in the Diet. After a week of several futile efforts to solve the ministerial crisis in such a way that the new Government should represent a majority in the Diet, the Chief Director of the School Board, Mr O. Mantere undertook the task of forming a nonpolitical Government. On the 22 nd of December the new ministers were appointed, of whom only a few are members of the Diet, the greater part, however, being members of the Progressive and Unionist parties. Mr Hj. Procopé, hitherto Minister for Foreign Affairs, retains his post. Among the other new ministers the Minister of Education L. Ingman and the Minister of Defence A. K. Cajander deserve mention, both having formerly been prime ministers. Several of the other ministers, too, have been members of former Governments.

Economic Commission. On the last day of November the Government appointed a large Commission of experts in the spheres of economics and social problems, to which it could entrust the thorough and impartial investigation of such questions on which an expression of expert opinion might seem desirable. Taking into consideration the national economy of the country as a whole, the Commission is to investigate or cause to be investigated, either by order of the Government or on its own initiative, questions referring to the finances, agriculture and forestry, trade and matters that influence economic life, such as taxation, and questions of social policy. In the first instance the Commission is to begin by investigating, to what
causes the present threatened economic crisis is due and by what means it could be aroided. The Commission, under the presidency of Professor A. K. Cajander, Chief Director of the Board of Forestry, has appointed seven committees from among its members for the preparation of various questions, besides a central committee.

Ice conditions and shipping. In November: shlipping was very lively, footh arriving fand departing trafflic showing record figures for that month; at the same time the figures were, of course, lower than for the preceding months. According to custom, the navigation at the northern ports has gradually ceased. At Vaasa (Vasa) mavigation is at present kept open with the help of the licebreaker Voima, while navigation at the southern ports of the Gulf of Bothnia continues in spite of difficulties for weaker vessels, for instance, in the inner harbourdistrict of Räfsö. With regard to the Gulf of Finland, there is ice only in the channel at Uuras (Trangsund), where the icebreaker Tharmo is giving assistance. At other ports, such as Kotka and Helsinki (Helsingfors), shipping. still continues 'without any difficulty in the middle of December.

Proposed amalgamation of banks. After negotiating for some time the Boards of Administration of the banks Länsi-Suomen OsakePankki and Tampereen Osake-Pankki have decided to lay a proposal before their shareholders' meetings that these two banks, as well as Maakuntain Keskus-Pankloi Osakeyhtiö, all the shares of which are to be transferred to the two former banks by purchase, should be amalgamated in such a way that already from January lst next they should form one bank.. In connection with the amalgamation LänsiSuomen Osake-Pankki is to issue one new share for every 12 old shares at par, while Tampereeu

Osake-Pankki is to issue one bonus share for every 4 old shares. The new bank will thus aequire a share capital of 115 million marks, while its awn funds will amount altogether to 165 million marks. The total of the balance sheet will represent about 1,300 million marks and the bank will have 98 branch offices.

Industrial activity in 1927. . Industrial activity, according to information now available, showed a gratifying rise during 1927 . This is illustrated in the following table, which shows
the activity of factory industry, but not handicraft industry, in that year with a review of the progress since 1921: It will be seen that all the series of figures show an advance on previous years. The number of workpeople as well as the gross value and finishing value of production was considerably higher than during. any previous year. All separate branches of industry: show higher figures of production than for 1926 , except the smelters and metal refining industry in which a labour conflict of fairly long duration oecurred.

FINNISH INDUSTRY IN 1927.

| Chief groups |  | $\underset{\text { ments }}{\text { Estsblish- }}$ |  | Hands |  | Gross value of production |  | $\begin{gathered} \text { Refinement } \\ \text { value }{ }^{1} \text { ) } \end{gathered}$ |  | Effective H. P. of generating motors. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { Num- } \\ \text { bor } \end{gathered}$ | \% | Num- ber | \% | Fmk | \% | Fmk | \% | Rffective H. P. | \% |
|  | Mining | 2 | 0.1 | 206 | 0.1 | 3411700 | 0.0 | 3411700 | 0.1 | 815 | 0.2 |
|  | Smelters and metal refining . | 176 | 4.7 | 4076 | 2.6 | 279114200 | 2.3 | 134067000 | 2.3 | 12244 | 2.5 |
|  | Mechanical workshops ...... | 427 | 11.3 | 18585 | 11.7 | 952172500 | 7.7 | 555001200 | 9.6 | 30752 | 6.1 |
|  | Finer machine industries . . . | 13 | 0.3 | 228 | 0.1 | 12143000 | 0.1 | 8671600 | 0.1 | 169 | 0.0 |
|  | Stone, clay, glass, coal and peat industries | 365 | 9.6 | 10500 | 6.6 | 506758600 | 4.1 | 396312900 | 6.8 | 23051 | 4.6 |
|  | Chemical industry . . . . . . . . . | 53 | 1.4 | 1958 | 1.2 | 145626500 | 1.2 | 79701600 | 1.4 | 3721 | 0.7 |
|  | Tar, oil, india-rubber, etc. industries | 63. | 1.7 | 1525 | 1.0 | 238671400 | 1.9 | 85823100 | 1.5 | 4422 | 0.9 |
|  | Leather and tanning industries | 153 | 4.0 | 6032 | 3.8 | 517737000 | 4.2 | 165839600 | 2.9 | 6321 | 1.3 |
|  | Spinning and weaving industries. | 273 | 7.2 | 21877 | 13.7 | 1196986200 | 9.7 | 590437300 | 10.2 | 36677 | 7.3 |
|  | Paper industry | 189 | 5.0 | 17784 | 11.2 | 2209895700 | 17.8 | 1185072500 | 20.4 | 198098 | 39.6 |
|  | Timber industry | 929 | 24.5 | 56915 | 35.8 | 3490190000 | 28.2 | 1297127100 | 22.3 | 115766 | 23.1 |
|  | Manufacture of foodstuffs and luxuries | 527 | 13.9 | 10529 | 6.6 | 2186243200 | 17.7 | 771199400 | 13.3 | 19797 | 4.0 |
|  | Lighting, power transmission and water conduits | 411 | 10.8 | 3306 | 2.1 | 385765500 | 3.1 | 373859700 | 6.4 | 43855 | 8.8 |
|  | Graphical industry | 183 | 4.8 | 5187 | 3.2 | 240460200 | 1.9 | 149837900 | 2.6 | 4196 | 0.8 |
| 15. | Other industries. . | 25 | 0.7 | 433 | 0.3 | 17250800 | 0.1 | 8931500 | 0.1 | 368 | 0.1 |
|  | 1927 Total | 3789 | 100.0 | 159141 | 100.0 | 12382426500 | 100.0 | 5805294100 | 100.0 | 500.252 | 100.0 |
|  | 1926 Total | 3525 | - | 149367 | - | 10942892700 | - | 5409290200 | - | 460252 |  |
|  | 1925 | 3317 | - | 141005 | - | 10.126182000 | - | 4716891800 | - | 425048 | - |
|  | 1924 | 3212 | - | 139429 | - | 9345098300 | - | 4263811700 | - | 409205 | - |
|  | 1923 | 3293 | - | 143311 | - | 9132114400 | - | 4114130600 | - | 390080 | - |
|  | 1922 | 3294 | - | 132842 | - | 8085384100 | - | 3757941100 | - | 354491 | - |
|  | 1921 | 3141 \| | - | 120317 | - | 6533772600 | - | 3106351500 | - | 310588 | - |

Increase of capital. Prior to the expiration of the time during which the stamp tax on issues of shares for adjusting the value of assets is reduced, some more companies have raised thetir share capital.

Vaasan Puuvilla Oy. - Vasa Bomull Ab. has decided to raise its capital from 10 to 40 million
marks by lincreasing the value of its shares fourfold (from 200 to 800 marks a share).

Tampereen Verkatehdas Osakeyltiö has passed a resolution to raise its capital partly by issuing shares for adjusting values to an amount of 12.15 million marks, and partly by issuing new shares at par to an amount of 1.7 million

[^4]marks. By this means the share capital has been increased from 12.15 to 26.0 million marks.
Ab. Ph. U. Strengberg \& Co. Oy. has resolved to raise its capital from 30 to 50 million marks by an issue of shares for adjusting values to an amount of 20 million marks.

Oy. Savo-Karjalan Tukkuliitee has also decided to raise its capital from 6 to 18 million marks by increasing the nominal value of its shares from 100 to 300 marks each.

Maakauppiaitten Oy., too, has decided to increase its capital from 14 to 28 million marks by doubling the nominal value of the shares.

Ab. Radiator Oy. has resolved to raise its capital from 2.4 to 3.6 million marks. The increase is due to the revaluation of the real estate of the company.


Sales of bobbins. Exports of bobbins which had after the war only represented half the previous exports and had been falling off of late years, have this year shown a tendency to rise. In the near future a further increase is expected, as the Association of Finnish Bobbin Manufacturers has signed a large contract for bobbins with the large sewing cotton firm, Messrs J. \& P. Ooates Ltd. in Glasgow. The sale is for the gradual delivery during a prolonged period of bobbbins to an amount of close on 60 million marks. This is equivalent to about the whole of the exports for 1927.

New golosh factory. Oy. Nurmi Ab. has come to the decision to give up the production of cellulose and to adapt the factory buildings instead for the production of goloshes. At first the production will be 2,000 pairs of goloshes a day, but it can be increased to 6,000 pairs. The capital was recently raised to 8 million marks.
*

Higher grading for the quality of Finnish export butter. In order to raise the quality of Finnish export butter the Ministry of Agriculture recently issued instructions that butter which had not been given the quality mark by the Government Butter Control Institution should only be allowed to be shipped, provided it had been awarded a't least 9 points by that Institution, whereas the limit was hitherto 8 points. In order that the change should not cause trouble to the dairies, the new instructions are to come into force from September lst, 1929.

The sugar beet crop. The crop of sugar beet has turned out considerably poorer than in the last few years owing to the bad weather. In addition to the sugar contents of the beet being reduced, the total quantity of the crop has dropped to about 33 million kilogrammes which is approximately 20 millions less than the crop in 1927.

## THE <br> BANK OF FINLAND MONTHLY BULLETIN

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[^0]:    ${ }^{1}$ ) Home 1 oans, cash credits and home correspondents.

[^1]:    According to finformation sipplied by Life Assurance Companies.
    ${ }^{\text {2 }}$ ) Distribution by monthe partly acoording to estimates.

[^2]:    * Preliminary figures subject to minor alterations.

[^3]:    * Preliminary figures subject to minor alterations. - ${ }^{1}$ ) Dry weight.

[^4]:    ${ }^{1}$ ) Gross value less raw materials and semi-products used.

