## CANADA

## DEPARTMENT OF TRADE AND COMMERCE <br> DOMINION BUREAU OF STATISTIGS

GENERAL STATIST:CS ERANCH

MNMIDAL REPORT
of

1. BANK DEEITS TO INDIVIDUAL ACCOUNTS

1935
2.

THE EQUATION OF EXCHANGE<br>IN THE FOST-WAR PERIOD.



## Bank Debits Comporedwith four Other Economic Foctors

 $1926=100$ 1924-1934




| Dominion Statistician： | R，H，Coats，LL．D．s FoS．S．（Hon。）F。R．S．C． |
| :--- | :--- |
| Business Statistician： | Sydney Bo Smith，M．A． |

## BANK DEBITS TO INDIVIDUAL ACCOUNTS

or
Amount of Cheques Charged against Bank Accounts at the
Clearing House Centres in 1935.
Financial transfer in the form of cheques cashed against individual accounts by the branch banks in the thirty two clearing centres showed a decline of four percent in 1935 from the preceding year．The total of bank debits was $\$ 31,546,000,000$ against $\$ 32,867,000,000$ in 1934，a decline of $\$ 1,321,000,000$

The increase in the Maritime ？rovinces was $7.5 \mathrm{p} . \mathrm{c}$ ，each of the three centres，especially Halifax，recording gains．The city of Quebec was the only centre in the province of the same name to show an increase in this comparison．The decline in Montreal amounted to six percent．The net result was that the provincial total declined $\$ 472,000,000$ or 5 p．c．

Ten of the thirteen centres in Ontario recorded gains in 1935 over the preceding year，declines being shown only in Toronto，Ottawa and Sarnia，The drop in Toronto was $\$ 747,000,000$ or 6,6 p．c．The total for Ontario declined from $\$ 14,920,000,000$ to $\$ 13,877,000,000$ ，or nearly $7 \mathrm{p}, \mathrm{c}$ ．

南innipeg and Brandon were the oniy centres out of the ten located in the Frairie Provinces to show a decline in 1936．A gain of $17 \mathrm{p}, \mathrm{c}$ ．was shown in Calgary and the increase in Regina was $\$ 30,000,000$ or 6.3 p，c．The decline in Winnipeg was $\$ 49,000,000$ or about 1 pcc ．The gain for the economic area was $\$ 108,000,000$ or． 1.7 p，c．

A gain of about 3 p．c．was shown in British Columbia，increases being recorded in each of the three centres．The gain in Vancouver was $\$ 29,000,000$ ，or $2.2 p . c$

Comparison of Debits in 1935 with the Eleven Years from 1924 to 1934．
Bank debits in 1935 were greater than in five of the eleven years from 1924 to 1934．A gain was shown over the three years from 1924 to 1926 inclusive， as ：：ell as over 1932 and 1933．The highest level of the period of observation was from 1927 to 1930 inclusive，the total for 1931 being only slightly greater than in 1935．Debits in 1932 were $\$ 25,844,000,000$ ，showing a marked decline from the pre－ ceding year to the lowest annual total during tne depression．Gains were recorded in 1933 and 1934 followed by a recession in 1935．（See table 7．）

Comparison with Other Economic Factors
The economic year was more favourable than indicated by the statistics of bank debits．The index of the physical volume of business based on 45 factors s．veraged 102.4 in 1935 ageinst 94.2 in the preceding year，a gain of $8: 7 \mathrm{p}$ c．The gain in manufacturing employment was 7.6 p c Wholesale prices remained very steady， averaging only 0.7 p．c．higher than in the preceding year．Common stock prices advanced sharply in the last quarter of 1935 ，averaging $9.3 \mathrm{p} . \mathrm{c}$ ．higher in the year under review than in 1934.

1. BANK DEBIFS TO INDIVIDUAL ACCOUNTS AT THE CLEARING HOUSE CENTRES OF CANADA, 1932 to 1935.

| Province and |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Clearing House Centres | 1932 | 1933 | 1934 | 1935 |


| Halifax | 257,989,295 | 254,222,616 | 275,948,590 |  |
| :---: | :---: | :---: | :---: | :---: |
| Moncton | 73,548,793 | 72,568,809 | 37,228,253 | 90,680,025 |
| Saint John | 187,632,726 | 154,222,107 | 171,074,214 | 173,320,562 |
| Total - Maritime Provinces | 519,170,814 | 481,013,532 | 534,251,057 | 574,052,860 |
| Quebec |  |  |  |  |
| Montreal | 7,135,517,032 | 7,943,786,599 | 8,834,691,435 | 8,307,134,410 |
| Quebec | 560,686,426 | 558,047,475 | 550,663,976 | 606,964,150 |
| Sherbrooke | 69,997,106 | 65,236,186 | 64,354,455 | 63,430,463 |
| Total - Quebec | 7,766,200,564 | 8,567,070,260 | 9,449, 709,866 | 8,977,529,023 |

Ontario

Brantford
Chatham
Fort William
Hamilton
Kingston
Kitchener
London
Ottawa
Peterborough
Sarnia
Sudbury
Toronto
Windsor

85,438,727
71,625, 208 55,335,694 526,940, 741 55,085,899 96,266,553
315,954,273 1,579,527,632 55,4:6,709 95,058,795 40,328, 991
8, $066,207,006$ 215,676,051
$10,221,687,968$
$192,566,981$

80,401,856
64,147,944
47,791,570 460,723,640 51,473, 716 93,144,698 299,130,638 1,339,009,715 49,090,223
36,377,931
41,386,025

34,950,018
94,186,017
71,122,708
49,833,324
528,307,959
52,719,962
108,804,353
334,741,204
1,914,296,966
53,767,240
78,158,895
48,991,202
11,399,321,892
204,483,372

79,902,107
50,202,917
559,338,191
$55,634,971$
114,191,829
362,317,629
1,444,156,227
60,023,193
69,145,537
55,597,151
$10,642,516,427$
239,364,290

Total - Ontario ........... 11,258,872,279 13,027,437,905 14,919,504,095 13,876,626,476

Prairie Provinces

| Brandon | 33,569,832 | 27,233,657 | 26,985,135 | 25,666,690 |
| :---: | :---: | :---: | :---: | :---: |
| Calgary | 513,557,662 | 557,391, 735 | 526,966,099 | 616,831,075 |
| Edmonton | 393,433,460 | 366,409,278 | 382,631,968 | 400,418, 426 |
| Lethbridge | 37,067,143 | 36,911,296 | 42,671,124 | 48,945,714 |
| Medicine Hat | 21,077,192 | 21,505,530 | 25,377,296 | 27,322,542 |
| Moose Jaw | 61,064,536 | 48,696,759 | 51,316,748 | 53,974,399 |
| Prince Albert | 21,124,445 | 17,844,842 | 21,106,682 | 24,434,064 |
| Regina | 462,376,073 | 439,593,195 | 475,031,328 | 505,052,792 |
| Saskatoon | 114,981,799 | 100,029, 783 | 102,963,180 | 110,053,112 |
| Winnipeg | 3,138,453,543 | 4,798,187,549 | 4,682,240,160 | 4,632,791,950 |
| Total - Prairie Provinces | 4,797,205,735 | 6,414,353,624 | 6,337,239,720 | 6,445,395,784 |
| British Columbia |  |  |  |  |
| New Westminster | 51,107,251 | 47,213,108 | 52,390,693 | 59,819,150 |
| Vancouver | 1,190,466,183 | 1,207,251,145 | 1,320,856,775 | 1,349,924,217 |
| Victoria | 261,265,467 | 237,125,920 | 252,720, 716 | 262, 718,851 |
| Total - British Columbia | 1,502,838,901 | 1,491,590,173 | 1,625,968,184 | 1,672,462,218 |
| rant total for canada | 25,844,288, 293 | 29,981,465,494 | 32,866,672,922 | 31,546,066,341 |

2. BANK DEBITS, 1954 and 1955.

| Clearing House Centres | 1935 | 1934 | $\begin{aligned} & \text { Increase }(t) \\ & \text { Decrease }(-) \end{aligned}$ | Percentage <br> to 1934 |
| :---: | :---: | :---: | :---: | :---: |
|  | \$ | \$ | \$ |  |
| Halifax .......... | 310,052,273 | 275,948,590 | $+34,103,683$ | 112.4 |
| Moncton .......... | 90,680,025 | 37,228,253 | + 3,451,772 | 104.0 |
| Saint John | 173,320,562 | 171,074,214 | + 2,246,348 | 101.3 |
| Total - Maritime Provinces | 5 574,052,860 | 534,251,057 | + 39,801,803 | 107.5 |
| Montreal | 8,307,134,410 | 8,834,691,435 | - 527,557,025 | 94.0 |
| Quebec | 606,964,150 | 550,663,976 | + 56,300,174 | 110.2 |
| Sherbrooke | $63,430,463$ | 64,354,455 | 923,992 | 98.6 |
| Total - Quebec | 8,977,529,023 | 9,449,709,866 | -- 472,180,843 | 95.0 |
| Brantford | 94,186,017 | 84,950,018 | + 9,235,999 | 110.9 |
| Chatham | 79,902,107 | 71,122,708 | + 8,779,399 | 112.3 |
| Fort William | 50,202,917 | 49,938,324 | + 364,593 | 100.7 |
| Hamilton | 559,338,191 | 528,307,959 | $+31,030,232$ | 105.9 |
| Kingston | 55,634,971 | 52,719,962 | + 2,915,009 | 105.5 |
| Kitchener | 114,191,829 | 108, 804,353 | $+\quad 5,387,476$ | 105.0 |
| London | 362,317,629 | 334,741,204 | + 27,576,425 | 108.2 |
| Ottawa | 1,444,156,227 | 1,914,296,956 | - 470,140,739 | 75.4 |
| Peterborough | 60,023,193 | 53,767,240 | + 6,255,953 | 111.6 |
| Sarnia | 69,145,537 | 78,153,895 | - 9,013,358 | 38.5 |
| Sudbury | 55,597,151 | 48,991,202 | $+6,605,949$ | 113.5 |
| Toronto | 10,642,516,427 | 11,389, 321,892 | - 746,805,465 | 93.4 |
| Windsor | 289, 364, 230 | 204,433, 372 | + 84,880,908 | 141.5 |
| Total - Ontario | 13,876,626,476 | 14,919,504,095 | -1,042,877,619 | 93.1 |
| Brandon | 25,666,690 | 26,885,135 | - 1,218,445 | 95.5 |
| Calgary | 616,831,075 | 526,966,099 | $+\quad 39,364,976$ $+\quad 17,736,459$ | 117.1 |
| Edmonton Lethbridge | $400,418,426$ $48,945,714$ | $382,631,968$ $42,671,124$ | $+\quad 17,736,458$ $+\quad 6,274,590$ | 104.6 114.7 |
| Medicine Hat | 27,322, 542 | 25,377,296 | + 1,945,246 | 107.7 |
| Moose Jaw. | 53,874,399 | 51,316,748 | + 2,557,651 | 105.0 |
| Prince Albert | 24,434,064 | 21,106,682 | + 3,327,382 | 115.8 |
| Regina $\ldots$.......... | 505,052,792 | 475,031, 328 | + 30,021,464 | 106.3 |
| Saskatoon <br> Winnipeg | 4,632,791,712 | 4,682,963, 2180 | $+\quad 7,094,932$ $+\quad 49,148,210$ | 106.9 98.9 |
| Total-Prairie Provinces | 6,445,395,764 | 6,337,239,720 | $+108,156,044$ | 101.7 |
| New Westminster | 59,819,150 | 52,390,693 | + 7,428,457 | 114.2 |
| Vancouver | $1,349,924,217$ | 1,320, 356,775 | + 29,067,442 | 102.2 |
| Victoria | 262,718,351 | 252, 720, 716 | + 9,998,135 | 104.0 |
| Total - British Columbia | 1,672,462,218 | 1,625,968,184 | $+46,494,034$ | 102.9 |
| GRAND TOTAL FOR CANADA | 31,546,066,341 | 32,866,672,922 | 1,320,606,581 | 96.0 |

3. INDEX NUMBERS OF BANK DEBITS IN CANADA BASED ON THE AVERAGE FOR 1926 EQUALLING 100, CORRECTED FOR SEASONAL VARIATION ACCORDING TO

EXPERIENCE WITH BANK DEBITS FOR EACH CENTRE
IN THE YEARS 1824 TO 1922.

| Year and Months | Montreal | Toronto | Winnipeg | Vancouver | Canada |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1934 |  |  |  |  |  |
| January | 100.8 | 146.6 | 92.1 | 84.0 | 106.0 |
| February .. | 90.3 | 119,9 | 79.1 | 85.4 | 97.3 |
| March | 99.1 | 147.5 | 81.3 | 87.0 | 106,6 |
| April | 104.9 | 139.5 | 82.3 | 38.9 | 105.7 |
| May | 92.6 | 136.9 | 192.5 | 82.2 | 115.4 |
| June | 38.6 | 126.1 | 135.4 | 33. 6 | 104.4 |
| July | 97.9 | 142.3 | 157.2 | 91.6 | 114.5 |
| August | 91.3 | 143.1 | 140.9 | 91.3 | 112.4 |
| September | ,94.2 | 138.6 | 146.1 | 79.8 | 109.4 |
| October | 100.6 | 154.3 | 134.0 | 84.0 | 117.3 |
| November | 94.4 | 141.7 | 94.9 | 85, 7 | 103.1 |
| December | 105.5 | 135.1 | 100.2 | 80.5 | 105.2 |
| 1935 |  |  |  |  |  |
| January | 101.5 | 140.9 | 106. 5 | 82.4 | 109.5 |
| February | 81.7 | 123,6 | 77.8 | 77.7 | 97.3 |
| March | 91.7 | 124.4 | 65.9 | 83.2 | 95.7 |
| April | 82.6 | 122.0 | 126.0 | 89.3 | 98.6 |
| May | 97.6 | 147.6 | 165.7 | 88.4 | 115.5 |
| June | 89.8 | 142.9 | 105.1 | 84.9 | 108.8 |
| July | 90.2 | 129.6 | 106.8 | 90.9 | 105.3 |
| August . | 88.5 | 131.8 | 164.6 | 91.2 | 110.8 |
| September | 93.9 | 119.2 | 144.5 | 83.6 | 102.9 |
| October | 82.0 | 112. 1 | 137.9 | 83.1 | 100.0 |
| November | 96.4 | 136.1 | 103.2 | 94.9 | 100.8 |
| December | 95.2 | 125.0 | 115.4 | 96.4 | 101.5 |

4. BANK DEPOSITS AND BANK DEBITS AND RATIO OF DEBITS TO DEPOSITS JANUARY, 1934 TO DECEMBER, 1935.

| Year and Months | Demand and Notice Deposits in Canada as at last day of preceding month | Bank Debits | Percentage of Bank Debits to Deposits in Canada |
| :---: | :---: | :---: | :---: |
| $\underline{1934}$ ( 000 :s omitted) (000's omitted) pec |  |  |  |
| January | 1,358,788 | 2,597,015 | 139,7 |
| February | 1,826,678 | 2,089,346 | 114.4 |
| March | 1,842,128 | 2,488,914 | 135.1 |
| April | 1,836,711 | 2,536,347 | 138.1 |
| May | 1,886,033 | 3,128,964 | 165.9 |
| June | 1,900,044 | 2,602,126 | 137.0 |
| July | 1,850,845 | 2,767,400 | 149.5 |
| August | 1,864,653 | 2,533,455 | 135.9 |
| September | 1,865,960 | $2,580,850$ | 138.3 |
| October | 1,900,172 | 3,409, 976 | 179.4 |
| November | 1,912,622 | 3,092,212 | 161.7 |
| December .... | $1,273,051$ | 3,040,167 | 154.1 |
| Average | 1,876,465 | 2,738,889 | 146.0 |

4. BANI DEPOSITS AND BANK DEBITS AND RATIO OF DEEITS TO DEPOSITS JANUARY, 1934 TO DECEMBER, 1935. (Concluded)

| Year and Months | Demand and Notice Deposits in Canada as et last day of preceding month | Bank Debits | Percentage of Bank Debits to Deposits in Canada |
| :---: | :---: | :---: | :---: |
| 1935 | (000's omitted) | (000 s omitted) | p.e. |
| January | 1,982,699 | 2,682,050 | 355.5 |
| February | $1,942,293$ | 2,089,041 | 107.6 |
| March | $1,944,561$ | 2,235,800 | 115.0 |
| April | $1,959,200$ | 2,366,725 | 120.8 |
| May | 2,033,576 | 3,132,209 | 154,0 |
| June | 2,007,697 | 2,710,511 | 135.0 |
| July . | 1,971,250 | 2,545,102 | 129.1 |
| August | 1,980,965 | 2,497,603 | 126.1 |
| September | 1,988,074 | 2,425,895 | 122.0 |
| October . | 2,034,346 | 2,907,516 | 142.9 |
| November December | $2,090,508$ $2,087,392$ | 3,021, 211 | 144,5 140.5 |
| December | 2,087,392 | 2, 932,304 | 140. 5 |
| Average | 2,001,880 | 2,628,839 | 131.3 |

5. BANK DEBITS, BANK CLEARTNGS AND PERCENTAGE OF BANK DEBITS TO CLEARINGS BY MONTHS DURING 1934 AND 1935.

| Year and Months | Bank Debits | Bank Clearings | Percentage of Bank Debits to Bank Clearings |
| :---: | :---: | :---: | :---: |
| 1934 |  |  |  |
| January | 2,597,015,425 | 1,256,361,069 | 206.7 |
| February | $2,089,346,484$ | $1,019,518,228$ | 204.9 207.9 |
| March . | $2,488,913,660$ | 1,197, 201,039 | 207.9 |
| April | 2,536,347,022 | $1,203,273,103$ | 210.8 |
| May | 3,128,964,127 | 1,536,277,065 | 203, 7 |
| June | 2,602,125,551 | $1,327,848,851$ | 196.0 |
| July | 2,76?,400, 278 | $1,581,540,433$ | 200. 3 |
| August . | $2,533,455,103$ | $1,290,576,426$ | 196.3 |
| September | $2,580,850,389$ | $1,302,442,961$ | 198,2 |
| October ............. | $3,409,975,845$ | $1,541,012,917$ | 221.3 |
| November | $3,092,212,151$ | $1,432,455,221$ | 215.9 |
| December | $3,040,166,887$ | $1,475,063,054$ | 206.1 |
| Total | $32,866,672,922$ | $15,963,570,427$ | 205.9 |
| 1935 |  |  |  |
| January | $2,682,050,21.8$ | 1,310,304, 189 | 204.7 |
| February | 2,089,041, 085 | 1,037,724,210 | 201.3 |
| March . | $2,235,799,502$ | $1,229,732,193$ | 181.8 |
| April | 2,366,725,309 | $1,251,670,271$ | 189,1 |
| May | 3,132,208,619 | $1,653,725,663$ | 189,4 |
| June | 2, 710, 310, 988 | $1,561,158,136$ | 173.6 |
| July | 2,545,101, 869 | 1,379,923,041 | 184.4 |
| August $0 . . . . . . .$. | $2,497,602,532$ | 1,376,004,172 | 181,5 |
| September ........... | $2,425,895,084$ | $1,333,825,078$ | 181.9 |
| October ............ | 2,90 , 516,367 | $1,582,531,382$ | 183.7 |
| November | $3,021,511,117$ | $1,694,940,637$ | 178.3 |
| December | $2,932,303,651$ | $1,515,947,097$ | 193.4 |
|  | 31,546,066,341 | 16,927,486,069 | 186.4 |

6. BANK DEBITS AT THE CLEARING HOUSE CENTRES OF CANADA, BY CLEARING CENTRES AND BY MONTHS, DURING 1934 AND 1935.

## 1. MARITIME PROVINCES

| Year and Month | Halifax | Moncton | Saint John | Total for Maritime Provinces |
| :---: | :---: | :---: | :---: | :---: |
|  | \$ | E | \$ | \$ |
| January | 1934 |  |  |  |
| February | 17,929,779 | 6,389,523 | 11,562,814 | 35,882,116 |
| March | 20,942,98'7 | 6,790,035 | 13,070,791 | 40,303,813 |
| April | 19,634,545 | 6,371,961 | 13,065,365 | 39,071,871 |
| May | 26,156,796 | 7,364,216 | 14,169,032 | 47,690,044 |
| June | 21,651,682 | 7,524,931 | 13,445,952 | 42,622,565 |
| July | 30,816,790 | 7,213,814 | 14,955,398 | 52,986,002 |
| August | 23,822,976 | 6,933,219 | 15,457,604 | 46,213,799 |
| September | 23,282, 239 | 6,960,478 | 14,218,569 | 44,461,286 |
| October November | $22,865,880$ $24,568,035$ | $7,663,944$ $7,629,698$ | $16,375,732$ $15,198,717$ | $\begin{aligned} & 46,905,556 \\ & 47,396,450 \end{aligned}$ |
| December | 22,446,195 | 8,489,628 | 16,313,301 | 47,249,124 |
| Total | 275,948,590 | 37,228,253 | 171,074,214 | 534,251,057 |
| 1935 |  |  |  |  |
| January | 23,080,058 | 6,709,757 | 13, 719,079 | 43,508,894 |
| February | 19,127,997 | 6,674,428 | 11,056, 345 | 36,858,770 |
| March | 20,765,510 | 6,428,831 | 12,691,493 | 39,985,834 |
| April | 22,463,448 | 6,799,679 | 13,175,723 | 42,438,850 |
| May | 23,394,644 | 7,645,163 | 16,448,671 | 47,488,478 |
| June | 26,198,178 | 8,846,134 | 17,599,957 | 52,644,269 |
| July | 29,096,286 | 7,868,243 | 14,540,660 | 51,505,189 |
| August | 26,152,347 | 7,520,202 | 14,813,953 | 48,436,502 |
| September | 25,611,089 | 7,294,432 | 13,812,321 | 46, 717,892 |
| October | 27,992,067 | 7,952,361 | 14,740,621 | 50,685,049 |
| November | 37,895,868 | 8,342,193 | 16,281,704 | 62,519,765 |
| December | 28,274,781 | 8,598,552 | 14,440,035 | 51,313,368 |
| Total | 310,052,273 | 90,680,025 | 173,320,562 | 574,052,860 |

2. PROVINCE OF QUEBEC

| Year and Month | Montreal | Queboc | Sherbrooke | Total for Quebec Province |
| :---: | :---: | :---: | :---: | :---: |
|  | \$ | \$ | ¢ | \% |
| 1934 |  |  |  |  |
| January | $720,923,777$ | 38,179,602 | 4,988,700 | 764,092,079 |
| February | 593,265,779 | 30,503,074 | 4,183,446 | 627,952,299 |
| March . | 689,410, 077 | 40,001, 380 | 4,925,237 | 734,336, 744 |
| April | $774,390,554$ | 45, 333,932 | 5,440,107 | 825,164,593 |
| May | 766,347,422 | 43,221,147 | 5,937,307 | 816,005,876 |
| June | 723,491,440 | 55,688,881 | 7,209,906 | 786,390,227 |
| July | 744,057,714 | 55,742,538 | 5,514,353 | 805,314,605 |
| August | 645,465,197 | 43,238,911 | 4,969,982 | 693, 674,090 |
| September | 654,438,042 | 45,649,845 | 5,085,075 | 705,172,962 |
| October | 897,777,196 | 56,326,935 | 5,471,459 | 959,575,590 |
| Noveraber | 785,443,334 | 48,622,996 | 5,264,636 | 839,330,966 |
| December | 839,180,903 | 48,154,735 | 5,364,197 | 892,699,835 |
| Total | 8,834,691,435 | 550,663,976 | 64,354,455 | 9,449,709,866 |

6. BANK DEBITS AT THE CLEARING HOUSE CENTRES OF CANADA, BY CLEARING CENTRES AND BY MONTHS 2 . DURING 1934 AND 1935. (Cont'd。)
7. PROVINCE OF QUEBEC (Concluded)

| Year and Month | Montreal | Quebec | Sherbrooke | Total for Quebec Province |
| :---: | :---: | :---: | :---: | :---: |
| 1935. | \$ | \$ | \$ | \$ |
| January | 725,833,501 | 50,272,027 | 5,166,721 | 781,272,249 |
| February | 536,907,725 | 31, 766,093 | 3,949,734 | 572,623,552 |
| March | 637,913,258 | 63,290,566 | 4,598,610 | 705,802, 434 |
| April | 609,642, 709 | 41,155,607 | 4,702,777 | 655,501,093 |
| May | 808,402,863 | 44,787,525 | 5,290,844 | 858,481, 232 |
| June | 733,645,890 | 66,599, 729 | 5,954,373 | 806,199,992 |
| July | 685,684,148 | 48,601,772 | 5,230,024 | 739,515,944 |
| August | 625,692,498 | 46,096,846 | 5,327,371 | 677,116,715 |
| September | 652,283, 760 | 44,438,643 | 4,918,011 | 701,640,414 |
| October | 732,024,700 | 49,265, 780 | 6,476,072 | 787,766,552 |
| November December | 801,906,427 | 70,200,574 | 6,113,506 | 878,220,507 |
|  | 157,150,901 | 50,430,988 | 5, 102,420 | 813,388,339 |
| Total | 307,134,410 | 606,964,150 | 63,430,463 | 8,977,529,023 |

3. PROVINCE OF ONTARIO

| Year and Month | Brantford | Chatham | Fort William | Hamilton |
| :---: | :---: | :---: | :---: | :---: |
| $\underline{1934}$ \$ \$ \$ |  |  |  |  |
| January | 6,689,504 | 5,472,221 | 3,534,526 | 37,786,503 |
| February .. | 5,416,379 | 4,786,812 | 4,110,594 | 33,966,106 |
| March ..... | 6,373,981 | 5,710,972 | 3,354,380 | 41,999,657 |
| April | 6,740,134 | 4,915,680 | 3,433,358 | 40,138,459 |
| May | 7,464,347 | 6,187,020 | 3,791,729 | 52,608,593 |
| June | 7,443,559 | 6,039,380 | 4,613,117 | 47,221,114 |
| July | 7,404,856 | 4,921,467 | 4,192,025 | 43,213,921 |
| August | 6,504,656 | 5,593,080 | 4,695,016 | 41,039,117 |
| September | 6,346,431 | 6,440,253 | 4,038,601 | 41,226,271 |
| October | 8,927,431 | 6,105,711 | 4,572,309 | 60,239,290 |
| November | 7,100,054 | 6,919,175 | 4,522,096 | 45,165, 734 |
| December | 8,533,686 | 8,030,937 | 4,975,573 | 43, 753,194 |
| Total | 84,950,018 | 71,122,708 | 49,838,324 | 528,307,959 |
| 1935 |  |  |  |  |
| January | $6,726,930$ |  |  |  |
| February | 6,529,398 | $5,475,364$ | $3,757,788$ | $37,500,466$ |
| March | 6,995,082 | 5,915,707 | 3,585,661 | $39,388,94$ |
| April | 7,459,089 | 5,387, 264 | 3,851,336 | $41,509,6 \%$ |
| May | 8,407,342 | 6,411,678 | 3,732,694 | $49,51988$ |
| June | 8,690,851 | 6,608,020 | 4,794,291 | $52,62,024$ |
| July | 9,292,349 | 6,999,444 | 3,934,777 | 46,777,283 |
| August | 6,721,116 | 5,432,893 | 4,683,251 | 42,386, 204 |
| September October | $7,364,514$ $8,356,986$ | $5,650,004$ $6,231,408$ | $4,187,806$ $4,416,831$ | $\begin{aligned} & 46,823,213 \\ & 50,329,902 \end{aligned}$ |
| October | $\begin{aligned} & 8,356,986 \\ & 7,926,861 \end{aligned}$ | $\begin{array}{r} 6,231,408 \\ 10,143,303 \end{array}$ | $\begin{aligned} & 4,416,831 \\ & 4,504,572 \end{aligned}$ | $\begin{aligned} & 50,329,902 \\ & 58,395,634 \end{aligned}$ |
| December | 9,715,499 | $\begin{array}{r} 10,143,503 \\ 9,035,933 \\ \hline \end{array}$ | $\begin{aligned} & 4,504,572 \\ & 4,927,492 \end{aligned}$ | $\begin{aligned} & 58,395,634 \\ & 51,741,071 \end{aligned}$ |
| Total | 94,186,017 | 79,902,107 | 50,202,917 | 559, 388,191 |

6. BANK DEBITS AT THE CLEARING HOUSE CENTRES OF CANADA, BY CLEARING CENTRES AND BY MONTHS, DURING 1934 AND 1935. (Cont d.)
7. PROVINCE OF ONTARIO (Cont d.)

| Year and Month | Kingston | Kitchener | London | Ottama | Peterborough |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1934 \$ \$ \% |  |  |  |  |  |
| January | 4,594,615 | 8,736,897 | 25,548,471 | $101.673,515$ | $4{ }_{5} 435,617$ |
| February | 3,375,934 | 8,165,957 | 20,778,982 | 92,338,904 | 3,438,977 |
| March | 3,958,603 | 8,780, 337 | 26,269,740 | 126,165,400 | 4,066,855 |
| April | \$,899,415 | 9, 002,006 | 26,033,056 | 152,943, 073 | 4,324,544 |
| May | 4,511,465 | 9,207,217 | 30,197, 510 | 194,239,911 | 4,425,287 |
| ©une | 4,140,992 | 9,278,427 | 31,820,545 | 116,966, 634 | 4,817,232 |
| July | 4,212,016 | 8,784,436 | 26,657,466 | 149,134, 783 | 4,947,606 |
| Alugust | 4,374,917 | 8,140,074 | 23,732,054 | $138,478,872$ | 4,035,204 |
| September | 4,462,568 | 7,999,161 | 25,050,930 | 132,462, 553 | 4,080,436 |
| October | 4,685,459 | 11,911, 744 | 33,355,262 | 191,572,491 | 4,229,635 |
| November | 5,019,328 | 9,103, 839 | 32,082, 233 | 317, 215,290 | $5,296,614$ |
| December | 5,486,650 | 9,694,258 | 33,214,955 | 201,105,542 | $5,619,233$ |
| Total | 52,718,962 | 108,804,353 | 334,741, 204 | 1,914, 236,966 | $53,767,240$ |
| 1935 |  |  |  |  |  |
| January | 4,332,212 | 8,840,715 | 29,063,729 | 145,811,562 | 4,333,921 |
| February | 3,880,833 | 8,211,382 | 24,276,180 | $128,364,421$ | 3,441,823 |
| March | 3,766,709 | 8,515,955 | 24,687,872 | 106,209, 724 | 4,084,527 |
| April | 4,124,645 | 8,606,801 | 27,357,808 | $108,030,494$ | 4,713,733 |
| May | 4,541,630 | 10,595,478 | 31,960,847 | 140,465,943 | 5,017,872 |
| June | 4,809,495 | 9,904,289 | 39,400,215 | 134,323,066 | 4,863,101 |
| July | 4,785,901 | 9,581,603 | 31,499,804 | 129,844 , 531 | 6,530,452 |
| August | 4,342,822 | 8,851,217 | 28,057,916 | 89,172,488 | 4, 543, 958 |
| September | 4,294,438 | 8,711,924 | 27,071,721 | 92,800,338 | 5,112,301 |
| October | 5,455,712 | 10,922,221 | 29,193,246 | 117,708,149 | 5,467,593 |
| November | 5,195,632 | 10,178,641 | 35,490,739 | 121, 748,770 | 5,623,665 |
| December | 6,104,942 | 11,271,603 | 34,257,552 | 129,676,741 | 6,290,247 |
| Total | 55,634,971 | 114,191,829 | 362, 317,629 | 1,444,156,227 | 60,023,193 |
|  | Sarnia | Sudbury | Toronto | Windsor | Total for Ontario |
| 1934 |  |  |  |  | + |
| January | 5,708,497 | 3,556,480 | 1,049,617,827 | 14,989,683 | 1,272,344,354 |
| February | 6,249,864 | 3,109,619 | 788,784,230 | 14,203,581 | 988,775 ¢ 939 |
| March | 6,979,730 | 4,184,594 | 978, 333,312 | 17,662,334 | 1,233, 739,895 |
| April | 5,853,311 | 3,976,265 | 915,021, 769 | 20,466,668 | 1,196,747,738 |
| May | 8,191,326 | 4,108,421 | 985,103,156 | 21,091,227 | 1,331,127, 209 |
| June | 8,666,450 | 4,358,319 | 851,278,417 | 19,415,206 | 1,116,069,392 |
| July | 6,576,695 | 4,431,985 | 839,676; 253 | 16,975,640 | 1,121,129, 149 |
| August | 5,336,334 | 4,346,599 | 836,101,003 | 15,278,121 | 1,097,655,047 |
| September | 5,984,558 | 3,981,837 | 874, 120, 711 | 15,251,069 | 1,131,445, 379 |
| October | 6,715,413 | 4,497,251 | 1,133,270,881 | 16,988,192 | 1,487,119,069 |
| November | 6,059,165 | 4,342,312 | 1,040,133,642 | 15,679,343 | 1,498,638,825 |
| December | 5,837,552 | 4,097,520 | 1,097,880,691 | 16,482,308 | 1,444,712,099 |
| Total .......... | 78,158,895 | 48,991,202 | 11,389,321,892 | 204,483,372 | $14,919,504,095$ |

6. BANK DEBITS AT THE CLEARING HOUSE CENTRES OF CANADA, BY CLEARING CENTRES AND BY MONTHS, DURING 1934. AND 1935. (Cont: d.)
7. PROVINCE OF ONTARIO (Concluded)

| Year and Month | Sarnia | Sudbury | Toronto | Windsor | Total for Ontario |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1935 | \$ | \$ | \$ | \$ | \$ |
| $\frac{1935}{\text { January }}$ | 5, 726,559 | 3,804, 328 | 1,009,057,678 | 19.447 .018 | 1, 20? 470,648 |
| February | 4. 599,240 | 3, $826,91.5$ | -813, 051,418 | 20,600,297 | 1,063,515,525 |
| March. | 5,077,432 | 4,346,426 | 825, 691,722 | 22,583,058 | $1,060,828,865$ |
| April | 4,752,873 | 4,325,755 | 800, 345,579 | 22,312,366 | $1,042,777,415$ |
| May | 5,975,106 | 4,793, 556 | 1,062, 265,904 | 26,085,227 | 1.353, 773,065 |
| June | 6,553,052 | 4,763,137 | 962. 847,772 | 23,529,691 | 1, $263,714,004$ |
| July | $6,360,283$ | 4,514,373 | $838,324.467$ | $20,003,128$ | 1,115,448, 395 |
| August | 5,957,813 | 4, 520, 339 | $770,031,816$ | 17,170,744 | 992,372,577 |
| September | $5,680,537$ | 4,731,967 | $751,568,045$ | 18,402,134 | 982, 398,992 |
| october | 6, 148, 444 | 4, 810, 068 | 823,837,133 | $28,960,309$ | 1,101, 838,002 |
| November | 5,959,213 | $5,635,655$ | $999,209,468$ | 30,921,937 | $1,300,934,490$ |
| December | 6,354,885 | 5,524,637 | 986, 285,425 | $39,368,471$ | $1,300,554,498$ |
| Total | 69,145,537 | 55, 597, 151 | $10,642,516,427$ | 289, 364,280 | $13,876,626,476$ |

## 4. PRAIRIE PROVINCES

| Year and Month | Brandon | Calgary | Edmonton | Lethbridge |
| :---: | :---: | :---: | :---: | :---: |
| 1934 | * | E | \$ |  |
| January | 2, 515,610 | 42,774,763 | 31,965,307 | 3,548,680 |
| February | 1. 522,575 | 36,417,692 | 25,977,922 | 2,680,984 |
| March | 1,864,342 | 3?,412,710 | 31,699,712 | 2,912,281 |
| April | 2,282,677 | 36,136,359 | 32, 220,215 | 2,861,033 |
| May | 2,003,876 | 47, 304,483 | 34,633,797 | 3,100,612 |
| June | 2,400,336 | 46,824,618 | 29,777,880 | 3,354,279 |
| July | 2,608,310 | 52,273,054 | 32,110,971 | 3,257,330 |
| August | 2,109,875 | 45, 791,094 | 27,948,665 | 3,555,770 |
| September | 2,1195 576 | $48,387,956$ | 27,200,363 | 4, 244,253 |
| October | 2,687, 296 | 50,556,462 | 36,092,755 | 4,425,722 |
| November | 2,440,430 | $45,319,927$ | 34,961,249 | 4,403,011 |
| December | 2,330,232 | 37, 266,981 | 37,693,132 | 4,327,169 |
| Total | 26,885,135 | 526,966,099 | 382,681,968 | 42,671,124 |
| 1935. |  |  |  |  |
| January | 2,299,215 | 45,101,575 | 37, 114,442 | 3,374,461 |
| February | 1,903,390 | 35,757,863 | 26,358,474 | 2,881.553 |
| March . | 1,383,842 | $38,342,743$ | 30,286,112 | 3,145,127 |
| April | 2,133,956 | 49,805,996 | 43,101,676 | 3,504,53? |
| May | 2,171:496 | 46,572,629 | 34,671,624 | 3,677,859 |
| June | 2,147,724 | 48,609,220 | 34,643,873 | 4,202,395 |
| July | 1,967,872 | 49,074,370 | 33,692,779 | 4,570,164 |
| August | 1,944,345 | $48,173,165$ | 31,031, 715 | $4.379,531$ |
| September | 2,059,051 | $49,188,424$ | 29,649,879 | 5,316,823 |
| Oetober | 2,482,312 | 82,813,176 | 35,230,481 | 4,972,425 |
| November | 2,477,839 | 63, 386,975 | 31,778,513 | 4,521,380 |
| December | $2,195,648$ | $59,505,039$ | $32,558,858$ | 4, 399,459 |
| Total | 25,666,690 | 616,831,075 | 400, 418, 426 | 48,945,714 |

6. BANK DEBITS AT THE CLEARING HOUSE CENTRES OF CANADA, BY CLEARING CENTRES AND BY MONTHS, DURING 1934 AND 1935. (Cont'd.)
7. PRAIRIE PROVINCES (Cont•d.)

8. BANK DEBITS AT THE CLEARTNG HOUSE CENTRES OF CANADA, BY INDIVIDUAL CENTRBS AND BY MONTHS, DURING 1934 AND 1935. (Concluded)

## 4. PRAIRIE PROVINCES (Concluded)

| Year and Month | Saskatoon | Winnipeg | Total for Prairle Provinces |
| :---: | :---: | :---: | :---: |
| 1935. | \$ | \% | \$ |
| January | 7,113,964 | 297,238,457 | 435,390,743 |
| February | 7,082,306 | 198,176, 731 | 297,902,332 |
| March | 6,850,088 | 178,100,562 | 295,911,216 |
| April | 8,751,837 | 339, 539,547 | 485,942,454 |
| May | 9,644,846 | 552, 210, 557 | 729, 782,418 |
| June | 8,831,120 | 310,479, 202 | 451,291,272 |
| July | 9,560,084 | 344,649,111 | 491,968,213 |
| August | 8,595,890 | 496,984,350 | 637, 763,113 |
| September | 9,832,255 | 412,168,666 | 563, 764,668 |
| October | 13,215,790 | 604,345, 261 | 819,915,585 |
| Novenber | 10,581,818 | 458, 447,911 | 629,942,701 |
| Total | 0,058,112 | 4,632,791,950 | 6,445,395, 764 |

## 5. BRITISH COLUMBIA

| Year and Month | New West <br> minster | Vancouver | Victoria | Total for <br> British <br> Columbia | Canada |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

7. BANK DEBITS IN CANADA AND IN EGONOMIC AREAS FROM 1924 TO 1935

IN MILLION DOLLARS

| Year | Canada | Maritime Provinces | Quebec | Ontario | Prairie Provinces | British Columbia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924 | 27,159 | 584.9 | 8,133.0 | 11,209.4 | 5,507.1 | 1,725 2 |
| 1925 | 28,126 | 572. 5 | 8,475,2 | 11,236.0 | 6,000 0 | 1,942.3 |
| 1926 | 30,358 | 604.7 | 9,909.5 | 11,998.3 | 5,985,6 | 1,959,8 |
| 7927 | 36,094 | 627.7 | 12,643.9 | 14,641.8 | 6,127.0 | 2,053.1 |
| 1928 | 43,477 | 745.5 | 14,912.7 | 17,512.8 | 8,006.7 | 2,499.3 |
| 2929 | 46,670 | 798,0 | 16,483 7 | 18,543.3 | 7,922.8 | 2,922 8 |
| 1930 | 37,491 | 708.4 | 13,137.1 | 15,044.4 | 6,279 1 | 2,322,5 |
| 1931 | 31,586 | 652.5 | 10,550 1 | 13,376.8 | 5,201.2 | 1,805.8 |
| 2932 | 25,844 | 519.2 | 7,766.2 | 11,258,9 | 4,797.2 | 1,502.8 |
| 1933 | 29,981 | 481.0 | 8,567.1 | 13,027,4 | 6,414,4 | 1, 491.6 |
| 1934 | 32,867 | 534.2 | 9,449.7 | 14,919.5 | 6,337.2 | 1,626,0 |
| 1935 | 31,546 | 574,1 | 8,977.5 | 13,876,6 | 6,445,4 | 1,672.5 |

Percentage of Preceding Years to 1935

| 1924 | $\cdots$ | 86.1 | 101.9 | 90.6 | 80.8 | 85.4 | 103.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1925 |  | 89.2 | 99.7 | 94.4 | 81.0 | 93.1 | 101.5 |
| 1926 | $\cdots$ | 96.2 | 105.3 | 110.4 | 86.5 | 91.3 | 117.2 |
| 1927 | - | 114.4 | 109,3 | 140.8 | 105.5 | 95.1 | 122.8 |
| 1323 | $\ldots$ | 137.8 | 129.9 | 166.1 | 124.8 | 124.2 | 149.4 |
| 1929 |  | 147.9 | 139.0 | 183.6 | 133.6 | 122.9 | 174.8 |
| 1930 | ... | 118.8 | 123.4 | 146.3 | 108.4 | 97.4 | 138,9 |
| 1931 | $\ldots$ | 100.1 | 113.7 | 117.5 | 96.4 | 80.7 | 108,0 |
| 1932 |  | 81.9 | 90.4 | 86.5 | 81.1 | 74.4 | 39.9 |
| 1933 |  | 95.0 | 83.8 | 95.4 | 93.9 | 99.5 | 89, 2 |
| 1934 | ... | 104.2 | 93.1 | 105.3 | 107.5 | 98.3 | 97.2 |

8. INDEXES OF SIX ECONONIC FACTORS WITH SEASONAL ADJUSTMENT WHERE NECESSARY, 1932 35

$$
1926=100
$$

| Year and Month | Bank Debits | Physical <br> Volume of <br> Business | Employment in <br> Manufacturing <br> First of <br> following month | Wholesale Prices | Common Stocks | Shares <br> Traded |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1932. |  |  |  |  |  |  |
| January | 85.0 | 83.8 | 89.1 | 69.5 | 64, 8 | 22.4 |
| February | 93.2 | 85.4 | 88.6 | 68.9 | 63.5 | 24.2 |
| March | 87.2 | 81.8 | 88.3 | 69.0 | 64.1 | 32.0 |
| April .... | 86.9 | 75.3 | 85.1 | 68.2 | 54.0 | 33. 3 |
| May | 80.7 | 79.9 | 83.4 | 67.4 | 45,8 | 36.4 |
| June | 88.9 | 81.4 | 83.0 | 66.4 | 43.2 | 31.3 |
| July ..... | 90.6 | 78.3 | 80.1 | 66.5 | 49.6 | 50.4 |
| August ... | 94.4 | 78.1 | 81.0 | 66.7 | 59.0 | 96.6 |
| September . | 89.5 | 77.1 | 31.8 | 65.9 | 63.0 | 90.0 |
| October . | 81.9 | 75.3 | 80.9 | 65,0 | 54,8 | 36.7 |
| November | 82.7 | 75.8 | 81.4 | 64.7 | 53.4 | 34.3 |
| December | 76.6 | 72.6 | 81.0 | 64.0 | 51.3 | 26.6 |
| Average | 86.1 | 78.7 | 83 n. 6 | 66.9 | 55.5 | 42.9 |

8. INDEXES OF SIX ECONOMIC FACTORS WITH SEASONAL ADJUSTMENT WHERE NECESSARY, 1932 ‥35.
$1926=100$ (Concluded)

| Year and Month | Bank Debits | Physical <br> Volume of <br> Business | Employment in <br> Manufacturing <br> First of <br> following month | Wholesale Prices | Common <br> Stocks | Shares Traded |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1933 |  |  |  |  |  |  |
| January | 80, 4 | 68.1 | 77.8 | 63.8 | 52.9 | 35.7 |
| February. | 85.. 2 | 67.0 | 77.2 | 63.5 | 49.2 | 49.9 |
| March ... | 80, 8 | 68.4 | 77.0 | 64.3 | 43.9 | 36.9 |
| April $\ldots$ | 79.1 | 69.8 | 76.2 | 65.3 | 53.8 | 86.5 |
| May ..... | 97.7 | 76.4 | 77.6 | 66.7 | 66.1 | 192.4 |
| June … | 119,6 | 82.2 | 80.7 | 67.5 | 77.4 | 279.0 |
| July …。 | 146.0 | 84.1 | 32.6 | 70.5 | 86.5 | 323.9 |
| August ${ }^{\text {a }}$ | 117.5 | 89.8 | 84.6 | 69.5 | 81.8 | 73.7 |
| September | 104.2 | 90.8 | 34.4 | 68.9 | 81.6 | 77.0 |
| October Noveaber | 97.1 94.6 | 88.2 | 85.6 85.4 | 67.9 68.9 | 73.3 76.8 | 70.9 65.8 |
| December: | 86,3 | 86.2 | 87.1 | 69.0 | 75.3 | 65.8 |
| Average .... | 99.0 | 79.7 | 81.4 | 67.4 | 68.6 | 113.1 |
| 1934. |  |  |  |  |  |  |
| January | 106.0 | 86.8 | 87.3 | 70.6 | 81.6 | 128.3 |
| February | 97.3 | 86.4 | 88.1 | 72.1 | 86.5 | 121.0 |
| March | 106.6 | 93.1 | 89.3 | 72.0 | 88.0 | 97.5 |
| April | 105.7 | 92.6 | 89.5 | 71.1 | 90.7 | 78.9 |
| May | 115.4 | 99.6 | 90.4 | 71.1 | 88.6 | 55.7 |
| June .... | 104.4 | 95.8 | 91.2 | 72.1 | 87.2 | 43.5 |
| July .... | 114.5 | 95.7 | 91.4 | 72.0 | 81.3 | 42.3 |
| August .. | 112.4 | 99.0 | 91.9 | 72.3 | 83.8 | 49.6 |
| September. | 109.4 | 97.1 | 91.9 | 72.0 | 83.8 | 32.9 |
| October. | 117.3 | 95.8 | 91.9 | 71.4 | 85.2 | 45.4 |
| November | 103.1 | 96.5 | 92.4 | 71.2 | 86.0 | 68.5 |
| December . | 105.2 | 92.4 | 94.7 | 71.1 | 86.2 | 56.4 |
| Average | 108.1 | 94.2 | 90.8 | 71.6 | 85.7 | 68.3 |
| 1935. |  |  |  |  |  |  |
| January | 109.5 | 97.5 | 93.7 | 71.4 | 88.6 | 70.5 |
| February | 97.3 | 100.6 | 94.4 | 71.9 | 87.8 | 39.1 |
| March . | 95.7 | 94.2 | 95.0 | 72.0 | 84.4 | 51.3 |
| April ... | 93.6 | 98.3 | 95:1 | 72.5 | 86.4 | 50.2 |
| May .... | 115.5 | 103.2 | 95.7 | 72.3 | 93.6 | 62.3 |
| June … | 108.8 | 99, 2 | 95,9 | 71.5 | 93.8 | 40.6 |
| July .... | 105.3 | 103.0 | 97.0 | 71.5 | 92.4 | 44,2 |
| August ... | 110.8 | 107.9 | 98.1 | 71.6 | 94.7 | 56.7 |
| September. | 102.9 | 101.9 | 100.6 | 72.3 | 93.6 | 48.6 |
| October . | 100.0 | 107.2 | 102. 5 | 73.1 | 96.1 | 62.6 |
| Noveinber . | 100.8 | 110.0 | 102. 4 | 72.7 | 105.8 | 143.8 |
| December | 1015 | 106.2 | 104.9 | 72.6 | 107.4 | 104.8 |
| Average .... | 103.9 | 102.4 | 97.9 | 72.1 | 93.7 | 64.6 |



## 11. Canada's Equation of Exchanee in the Post-Nar Period.

The following tables bearing on the equation of exchange in Canada for the last seventeen years may be of interest. The equation takes the form of $M V+M_{1} V_{1}=P T$. M signifies the amount of circulating media in the hands of the public, $V$ is the velocity of the money in circulation or the number of times the media is used in making payments. MV consequently signifies the total amount of cash payments within a stated period.
$M_{1}$ signifies the amount of bank deposits and $V_{1}$ the velocity or furnover of such deposits. The symbol MIV stands for the total amount of payments by cheque against individual accounts during a given period. in the present study, the year is taken as the unit.

On the other side of the equation, $P$ symbol izes the general price level, and $T$ stands for the products exchanged and services renidered.

## Method of Compilation

M。
Bank notes in the hands of the public were obtained by deducting the "notes held by other banks" from the total circulation of bank notes. Previous to March 1935. Dominion notes in the possession of the banks and in the central gold reserves were deducted from the total issue of such notes. For the last nine months of 1935, the holdings of the chartered banks of Bank of Canada notes were deducted from the total amount of such notes outstanding.

The amount of subsidiary coin held by the chartered banks in Canada during the last nine months of 1935 averaged about $\$ 8,500,000$. The outstanding silver, nickel and bronze coins at the end of each year are reported by the Mint. Assuming that the amount of subsidiary coin held by the banks was maintained, the indicated amount was deducted from the outstanding coin to obtain the amount in the hands of the public.

Adding the notes and subsidiary coin items obtained, we have the amount of circulating media in the hands of the public.
$M_{1}$. The sum of the Dominion and provincial government deposits and the notice and demand deposits in Canada is regarded as $M_{1}$ - deposit liabilities of the banks subject to cheque. The average of the twelve monthly totals was used as the annual data.
$M_{l} V_{l}$. Bank debits as published by the Bureau are available from January 1924 for the thirty-two clearing centres. By using bank ciearings and a constant, determined by the relationship between clearings and debits, bank debits were interpolated for the period from January 1919 to December 1923. By a test made for January 1935 , it was found that cheques cashed outside of clearing centres amounted to $12 \frac{1}{2}$ per cent of the published totals. Adding $12 \frac{1}{2}$ per cent to clearing-house totais, we get a series rougnly equivalent to $M_{1} V_{1}$ 。
$V_{1}$. Upon dividing bank debits plus the $12 \frac{1}{2}$ per cent, by bank deposits, we obtain the velacity of deposits, the $V_{l}$ of the equation.
V. As no statistics are available showing the amount of money paid into the chartered banks during any given period, it is impossible to directly obtain the velucity of circulating media in the hands of the pubilc.

It is inferred from experience in the United States that the turnover of money is about 16.5 per cent greater than the turnover of deposits. The estimated velocity of money in the united States from 1896 to 1909 was nearly 21 according to statistics given in "The Purchasing Power of Money". The average turnover of deposits in Canada from 1919 to 1935 was 17.96 . The turnover of money on this basis was regarded as being 16.5 per cent greater than that of deposits. These assumptions admittedly involve a margin of error, but money payments play a smail part in comparison with cheque payments and the resulting error in total payments is not regarded as important,
MV. Multiplying the circulating media in the hands of the public by the velocity, the total cash payments were obtained. Total payments by cash and cheque, MV $+M_{1} V_{1}$, were obtained in millions of dollars by addition, the results being shom in Table 4 .
P. The general price level was computed from price indexes of industrial commodities, farm products, retail food, rents, other costs of living, transportation costs, securities, producers' equipment, hardware, and composite wages.

- $\quad$ TVI is represented by the index of the physical volume of business publ ished on page eight of the Monthly Review of Business Statistics and in the annual supplements. The index is derived from fortyufive factors production and distribution.

The main factors in the equation of exchange are shown by years ouring the post-war period in the -nart on page 14.

## 1. Cirqulatine Media in Hends of Public

## Millions of Dollars



## 5 ymbol

| 1919 | 308.0 | 218.9 | 217.0 | 28.77 | 22.97 | 239.97 |
| :--- | ---: | ---: | :--- | :--- | :--- | :--- |
| 1920 | 305.8 | 228.8 | 214.2 | 30.28 | 24.48 | 238.68 |
| 1921 | 271.5 | 194.6 | 171.2 | 30.30 | 24.50 | 195.70 |
| 1922 | 240.4 | 166.5 | 151.7 | 30.19 | 24.39 | 176.09 |
| 1923 | 240.9 | 170.4 | 160.1 | 30.23 | 24.43 | 184.53 |
| 1924 | 226.0 | 166.1 | 179.0 | 30.13 | 24.33 | 203.33 |
| 1925 | 212.7 | 165.2 | 175.8 | 30.13 | 24.33 | 200.13 |
| 1926 | 190.0 | 168.9 | 180.3 | 30.04 | 24.24 | 204.54 |
| 1927 | 184.9 | 172.1 | 184.1 | 30.00 | 24.20 | 208.30 |
| 1928 | 201.2 | 176.7 | 189.0 | 30.97 | 25.17 | 214.17 |
| 1929 | 204.4 | 178.3 | 191.5 | 32.26 | 26.46 | 217.96 |
| 1930 | 174.6 | 159.3 | 173.0 | 32.35 | 26.55 | 199.55 |
| 1931 | 153.1 | 142.0 | 156.7 | 32.83 | 27.03 | 183.73 |
| 1932 | 179.9 | 132.2 | 149.1 | 33.35 | 27.55 | 176.65 |
| 1933 | 190.3 | 130.4 | 149.8 | 33.27 | 27.47 | 177.27 |
| 1934 | $96.84 t$ | 125.6 | 155.7 | 165.9 | 33.70 | 27.90 |
| 1935 |  |  |  | 34.00 | 28.20 | 183.60 |

+ Holdings of chartered banks and of Central Gold Reserves are deducted from the sum of first and second col umins to give total notes in hands of public.

H The average of Bank of Canada notes for the last ten months of the year.

## 2. Deposits in Canadar Averace of Monthly Data

Millions of Dollars

|  | Notice Deposits | Demand <br> Deposits | Dominion Government Deposits | Provincial Government Deposits | Sum of Deposits |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Symbol |  |  |  |  | $M_{1}$ |
| 1919 | 1,125.2 | 621.7 | 181.8 | 22.0 | 1,950.7 |
| 1920 | 1,239.3 | 653.9 | 188.4 | 21.4 | 2,102.9 |
| 1921 | 1,289.3 | 551.9 | 109.4 | 28.8 | 1,979.5 |
| 1922 | 1,191.6 | 502.8 | 83.7 | 28.8 | 1,806.9 |
| 1923 | 1,197.3 | 523.2 | 50.6 | 34.3 | 1,805.3 |
| 1924 | 1,198.2 | 511.2 | 53.9 | 34.8 | 1,798.1 |
| 1925 | 1,269.5 | 531.2 | 34.5 | 23.8 | 1,859.1 |
| 1926 | 1,340.6 | 553.3 | 31.3 | 21.6 | 1,946.8 |
| 1927 | 1,399,1 | 596.1 | 45.4 | 25.6 | 2,066.1 |
| 1928 | 1.496 .6 | 677.5 | 42.2 | 21.8 | 2,238.1 |
| 1929 | 1.479 .9 | 696.4 | 77.8 | 24.5 | 2,278.6 |
| 1930 | 12427.6 | 622.9 | 47.7 | 28.0 | 2,126.2 |
| 1931 | 1,438.0 | 578.6 | 49.0 | 24.4 | 2,089.9 |
| 1932 | 1,376.3 | 486.3 | 55.6 | 26.2 | 1,944.3 |
| 1933 | 1,378.5 | 488.5 | 38.8 | 23.2 | 1,929.0 |
| 1934 | 1,372.8 | 514.0 | 35.1 | 30.8 | 1,952.6 |
| 1935 | 1,445.3 | 568.6 | 25.5 | 39.3 | 2,078.7 |

## 3. Bank Debits and Velicity of Deposits and Money

Millions of Dollars

| Year | Bank Clearings | Bank <br> Debits in 32 Centres | Bank Debits adding 121 p.e. | Velocity of Bank Deposits | Velocity <br> of Money <br> or 116.5 <br> p.c. of $V_{1}$ | Bank <br> Debits less <br> Four large <br> Centres |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Symbols |  |  | $M_{1} V_{1}$ | $V_{1}$ | V |  |
| 1919 | 16,680.9 | 27,332.0 | 30,748.5 | 15.76 | 18.37 | $9,386.9$ |
| 1920 | 20,251.1 | 33,212.0 | 37,363.5 | 17.77 | 20.71 | 11,571.0 |
| 1921 | 17,443.1 | 28,526.0 | 32,091.8 | 16.21 | 18.89 | 9,735.5 |
| 1922 | 16,227.1 | 26,567.0 | 29,887.9 | 16.54 | 19.27 | 8,99: -1 |
| 1923 | 17,332.6 | 28,354.0 | 31,898.3 | 17.67 | 20.59 | 9,453.8 |
| 1924 | 17,008.0 | 27,159.5 | 30,554.4 | 16.99 | 19.80 | 9,641.! |
| 1925 | 16.761.5 | 28,126.1 | 31,641,8 | 17.02 | 19.83 | 10,086.11 |
| 1926 | 17,715.1 | 30,358.0 | 34,152.8 | 17.54 | 20.44 | 11,064.7 |
| 1927 | 20,568.4 | 36,093.5 | 40,605.2 | 19.65 | 22.90 | 12,350.7 |
| 1928 | 24.554 .9 | 43,477,0 | 48,911.6 | 21.85 | 25.46 | 14.999 .0 |
| 1929 | 25,105.2 | 46,670,5 | 52,504.3 | 23.04 | 26.85 | 16,44i.3 |
| 1930 | 20,091.9 | 37,49! 3 | 42,177.7 | 19.84 | 23.12 | 13,634.6 |
| 1931 | 16,827,6 | 31, 596.5 | 35,534.8 | 17.00 | 19.81 | $11,116.2$ |
| 1932 | 12,914.2 | 25,844.3 | 29,074,8 | 14.95 | 17.42 | 9.155.1 |
| 1933 | 14,720,6 | 29,981.5 | 33,729,1 | 17.49 | 20.38 |  |
| 1934 | 15,963.6 | 32,866,7 | 36,975,0 | 18.94 | 22.07 | 10,154.4 |
| 1935 | 16.927 .5 | 31.546 .2 | 35,489.3 | 17.02 | 19.89 | 10.462 .7 |

4. Iotal Payments by Cheque and Cashe General Price Level and Physical

Volyme of ousiness
Millions of Dollars

|  | Cash Payments | Cash <br> and <br> Cheque <br> Payments | General <br> Price <br> Level $1926=100$ | Physical <br> Volume <br> of <br> Business | Physical <br> Volume of <br> Business <br> $x$ Price <br> Index. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Symbals | MV | $M_{1} Y_{1}+\underline{W}$ | P | 1 | PT |
| 1919 | 4.408 .2 | 35.156 .7 | 106.6 | 71.3 | 76.0 |
| 1920 | 4,943.1 | 42,306.6 | 121.7 | 75.0 | 91.3 |
| 1921 | 3,696.8 | 35,788.6 | 105.9 | 66.5 | 70.6 |
| 1922 | 3,393.3 | 33,281.2 | 96.7 | 79.1 | 76.5 |
| 1923 | 3,820.1 | 35,718.4 | 97.0 | 85.5 | 82.9 |
| 1924 | 4,025.9 | $34,580.3$ | 97.9 | 84.6 | 82.8 |
| 1925 | 3,968.6 | 35,610,4 | 99.3 | 90.9 | 90.3 |
| 1926 | 4,191.0 | 38,343.8 | 100.0 | 100.0 | 100.0 |
| 1927 | 4,770.1 | 45,375.3 | 101.3 | 106.1 | 107.5 |
| 1928 | 5,452.8 | 54,364.4 | 102.3 | 117.3 | 120.0 |
| 1929 | 5,852.2 | 58,356.5 | 104.8 | 125.5 | 131.5 |
| 1930 | 4,613.6 | 46,791.3 | 98.8 | 109.5 | 108.2 |
| 1931 | 3,639.7 | 39.174 .5 | 88.0 | 93.5 | 82.3 |
| 1932 | 3,077.2 | 32,152.0 | 80.2 | 78.7 | 63.1 |
| 1933 | 3,612.8 | 37,341.9 | 79.6 | 79.7 | 63.4 |
| 1934 | 4,052.1 | 41,027.1 | 81.5 | 94.2 | 76.8 |
| 1935 | 3,860.6 | 39,349.9 | 83.0 | 102.4 | 85.0 |

