# C A NADA <br> DOMINION BUREAU OF STATISTICS <br> GENERAL STATISTICS BRANCH 

## ANNUAL REPORT of

# BANK DEBITS TO INDIVIDUAL ACCOUNTS 

or
Amount of Cheques Passing Through the Banks
at
Clearing House Centres in Canada

1924

Published by Authority of the Hon. Thos. A. Low. M. P.,
Minister of Trade and Commerce.

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OTTAWA

## AMTIN RTEORT OT

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## or

Amount of Choquos cherrod againgt Sonk Accounts at tho


Mic bonk dobius to initvidunl accounts at tho cloaring housc controe of. Canade, as roportod to tion Doninion Burnau of Statistiocs by tive Canadion Bankox's fissociation durine Iopa, intiobtc substanticy oxpensioncurine tho lator nontrs - the total jor this tho first jodr ior


Tho statistics requot a combareivoly hishl lovol of activity durine tho 立ist two nonths of the your rollowod by a Iull during tho spring and wumact, end ur oacournaging rovival during tho iast quartor. Tloc dobito in Fobruary roro SIfuhtir groafor them tho total for Jnhunuy, wn incrosso which was significant. in rior ol thn fact that Canadian axporionco With benk cloaringe from Iglt to 1923 loeds to tho conclusion that Fobruery is normally tho dullost month Of the yoar. Inc poriod of considoreblo activity at tho bocinning of tho yoar was marked by outstanding incroasos In dobits at IKontroal and Toronto in Fobuery, which rroved to ho a turning point ir tho socurity maricots. Tho poror lovel roachod during tho second and third quartors Was sonomhat rclicvod by activity in tinc grain trado, winch vas indicetod by tho dobits of Wimipog. If larsc corryover from the onormous crop of 1923 and a strong domand occasionod by the unferourable rep outlook vieh devoloned in lisy, Forc tho fectors soxvins to accolorato activity at jrimary maxkots. Tin oxtraosdinary activity at Winnimors iromiay to Alcest was largcly offsot. by subnormai concitions at othor large contros. past of thic oxpansion in tho iast quartor was duc to soasonel tondoncios, but ovon whon allowanco is medo Eor this foaturo, tho dobits in tho lattor part of the ycar shomed a substantial incroaso minich togethor with other oncourasilng factors, may wo taiken as an indication of bottor prospocts F゙or tho nozt fer montrs.

Providing tho soasonel variation is olininatod, it Vill bo found that tho maximu oi tho yoar feas roachod in Tobruaxy, whon tho dobits worc 18 poc. above the rijeurcs of the procoding month. In arch tho adjustod dotoits dropnod $5 \mathrm{p} \cdot \mathrm{c}$. bolow the rocord D Januery and botwoon jerch and Scptemorr only cxccodod that record in Jiily, whon tho cxccss Tres 2 p.c. In the last quartor tho Octoonr dobits wero 6 p.c. Groatcr and tho Fovember dubits awout oqual to thoso of̉ Januazy.

The bank eldarings during 1924 worc $16,999,000,000$, or somorhat less than in the precodins \#̈ear, but somo of tho difficultics which arc mot in attompting a yoar-to-yoar comperison of bonle clarings are outhinodoolow.

## The Five Beonomic Aras.

Prairio provincos.- of tho five oconomic aroas, the pranioprovincos nado tho bost showing during 192ir. The dobita Foachod a high lovel from Iray to July, whon the rocords of othor aroas reflectad doprossion. The dobits or tho prairio provinces, inich woro only da 53,200,000 in January, increasod to 528,200,000 in iiay and 6582,600,000 in July. The rocords et tho last quartor trore at a somowhat highor lovol, but tho dove?onont was not or tho samo sicrificanco, boing largoly accountrd for by scasonal factors.

Tho activity in Winnipoy, tho chiof commorcial contre of tho prairio provinces, detornined tho trotid of bank dobits of tho cononic arca. The decline in Fobruary was of a soasonal nature, and the turnovor in jarch and April $\mathrm{\nabla as}$ loss than normai. From ing to Ausust tho activity was oxtraordinary, anci in tho last quartor a high lovol, largoly spasonal in charactse, nas roachod.

Othor larfo contres in tho prairio provincos, such as Caleary and Rofina, also medo a soot shorvines without joining in tho snocial activity of tine sumar, tho dobits or Rogina in Docombor buing ar2,500,000 as comporod with $21,100,000$ in January. 1924.
ontario.- The dobits of ontario wore practically maintainod tiroughout the your, the rocords or' Fobruary showing a gain ovor Jankury, duc in part to ampansion at Toronto. Tho following sir aonths woro somothat bolot the rocord of January, buit tho incronso in dobits from Soptomber to Docombor, whilo partly soasonal in choractor, was still sufficiontly substantizl to indicato futuro improvenont. Tho dobits at Fiamilon woro iairly stoady during tho yoar, Whilc tho Ottawa rocord tas abnormally incroasod in cortain' zonths by tho financing transactions of tho Dominion govornnont. For owamplo, tho dobits oil jovomber at tho capital woro 3 me20,600,000, as co:npared with $2210,300,000$ in the procodine nontri,
incroasc $\frac{\text { Quebec.- Tho dobits of Qucbec, showing a slight }}{\text { in activity }}$ 1 activity during tho yoar, mado an ospocially strons close, the chocking transactions in Docembor boine $47 \mathrm{p} \cdot \mathrm{c}$. groator than in January, 192f. Tho first ton months of tho year wore ancyontiul, tho dobits for the province boing for the nost part siightly above tho rocord of Jenüary. In particular, the dobits of ilontreal rafloctod the spoculative and comnoraial activity of tho iirst two montis of the yoar, tho incroasc from Januery to Fobruary boing 13 p.c. Thich Wrould havo boon more than doublicd if the scasonal factor worc allowod for. Tho rocords of Octoon and Deconber also indicatc ronowed activity, probably accoloratod by a greator spoculative zovonont.

BritiEh Columbia.- Tho dobits of British Columbia
did not masuxc ujt to sia standerd sot at tho boginnins of the yoar. The trend was downtrard during tho first nine nonths, follovod by 2 modoratc rocovory during the last quartcr. The adjusted debits of vancoxver roachod a low point in Junc, whon the transactions wno 15 toc. loss than at the boginning of tho yone. Considovablo mprovonont vas attained in the last quartor, the dobits in Docomber boins ${ }_{4} \mathrm{p} \cdot \mathrm{c}$. loss than in January.
ifaritime provincos. - The maximum dobits of tho Laritimo Drovincos voro aitimincd in August, amd in no othor month was tho rocord of Twnuany caxcuodod. The monthly avorage was $6 \mathrm{p} . \mathrm{c}$. below tinc stanaing at the beginning of tho ycar.

## Tho Ilimination of Sonsonal Variation.

The mothod of climinetines scasonal variation consiated of threc stcps, Winch may be illustratod by an cxamplc. (I) Tho averaso cf the olcarings in liontroal for January from 1914. to 1923 was $33^{r 2} 2,<7,200$ (2). This anount was cxprosscd as a porcontase of tho monthly averase durins the ton-ycar poriod anountins to 3098,104,300. The porcontasc of 93.5 was rogarded as the indor of s2an 1 ce? Variation for llontroel for the month of Jannary. (3). Tho notual dobite for January $192 c_{r}$ was dividod by tins factor for the punpcisc of climinating soasonal variation. The roilumine formala, whero
$J A=$ ivcrogo clocrings in million dollars in Montreal for January 1914-1923.
TYA $=$ Avorago cloarings in liontroal 1914-1923, and
JD = Lobitis in January 1924, illustratos the conputation.

$$
\begin{aligned}
& \text { J.D. } \div \frac{(J A \times 100)}{T Y \Lambda}= \\
& 3566 \div \frac{372.5100}{3308}= \\
& 3566 \div 97.3=9605
\end{aligned}
$$

## The Trend of Bank Clcarines:

Bank Clcarings, al thousth hithorto rogardod as a leading baromoter of busincss transactions, havo obvious dofects as a Heasurc of the volume of business in that they record only intcrbanis transactions. Since the begiming of 1922, tive number of chartcred banks ancrating in Canada, has boon roducod from 18 to 13, with tho rosult that an evordecroasing proportion of tho busincss of Canada has bocin recordod in the bank clonrings. As Zho pranortion of, banik dobits which wero cloarod variod from 58 p.c. in Fobruary to $63 \mathrm{p} . \mathrm{c}$. in July, it is ovidont that aftor tho scrics of bank debits is availablc for a sufficicnt period to porinit of comparability, the now factor mill bo procmincntly more uscful in the dotomination of the cob and flow of buainess conditions, particulaily in viev of the current tendorcy tovard further analgamations.

In spitc of tho handicap of tho docline in the numbor of cloaring insititutions, cloarings for 1923 slowod sonc rocovery from the low lovol reachod in 1922, and the docino in 1924 may be duc in part at least to the more frecuent bonk analyamations ceffected during tho last two yoars. Tho conperison of the last two years Hith provious recordsiaro vitilatod by tho absorption on Parch 20, 1922 of the NarchantsBank by tho Bamk of Montroal, by tho failure of the Home Jonk or Ausust $1.7,1023$ and the absorption on Deccmber 31, 1923 of the Danls of Hemilton by the Canadian Bank of Conncrce. Tha Janoue Jatioñalc and the Banquo drHochclaga crifoctcd a consolidation in Arril 192r, and tho cloarings of 1925 will bc furthor curteiled by tho ircogyornion of MolsonsBank vith tho Bank of Liontreall, cifected January 20, 1925, and the consolidation of the standard and Storling Banks: Which is now ponding.

The docrossc in the clonrings durins l924, however, did not by any moans extend to the tholo of tho Doninion as there Wiro substantial gains at n mubor of intectant points in the mestern provinces. For instanco, et wimipog. thore mas an in
 of over 2 of pec.. On the other haing, such imontant pojerts as ifortreal, Toronto and Ottava in sastern Caneda all roport docroasos, probably showing that thoy sharcd in the widesjroad busincss dapression of 192.f. Imorovenont. canc, however, toward the ond of the yoar, and tho cloainis Iferuesfor Decomber at the threc last maitioned points all shew substantjal improvement over the figures for the correspondine inonth of 1.923 .


2. BNTT DNRITS AT THE OISADITG HOUVS CBITRES OI CANADA,


Total...7,502,004, 24.4 $533,783,980 \quad 97,202,878$ 8,132,991,102
purcentege
Total for
Comads $27.0 \quad 1.9 \quad 0.3 \quad 29.2$
2. DATK DBBITS AT THE CIDARITG HOUSB CDUTHTS OF CATADA, BY IMDUGTRIAL C, WR3S ATD BY NONIHS, DURITG 1924.


Percentase of
Total for Can
0.3
0.3
0.4
2.0

3 Province of Ontario.


Ereortago of
totel for Can.
0.2
0.3
1.0
7.0
$\varepsilon$

|  | Potorborough | Toronto | Windsor | Total Ior Ontario |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| January $5,651,534$ 643,961,242 $21,183,831$ 907,187,997 |  |  |  |  |
| Fobruary 4,964,989 603,203,046 18,434,009 897,496,980 |  |  |  |  |
| March 5,290,94 549671067 22,600,314 $792,029,265$ |  |  |  |  |
| April 5, 470,087 541, 8,4t,028 22,254,119 794,049,183 |  |  |  |  |
| May 6,016,257 580,093,996 26,568,888 920,114,491 |  |  |  |  |
| JuIy |  |  |  |  |
| August 5,304,096 525,897,011 25,45*,875 752,676,938 |  |  |  |  |
| Sentember 5,716,503 729,623,216 24,200,051 033,34,2,286 |  |  |  |  |
| October $6,208,938$ 8.4, 551,163 22,623,6i3 $2,203,023,939$ |  |  |  |  |
|  |  |  |  |  |
| Docomor | 6.959.22i\% | $743,195,4,4$ | 22,303:475 | 1,054, 187 , 7t.4 |
| T0 疑1 | 69,005,106 7. | .659.055.119 | 283,117.899 | 11,209,395,041 |

[^0]cotal for Can.
0.3
27.2
2. BAIK DFBITS AT THT CIEARIJG HOUSE CENTRTS OF CAIVADA, BY INDIVIDUAI CEITTRTS AID BY ROITTHS, DURITG 19?4.
4. Prairic Provinces.

|  | Brandon | Calsary | Edmonton | Lethbridece |
| :---: | :---: | :---: | :---: | :---: |
|  | $3$ | $60.841: 894$ | $30,721,602$ | $5,301,409$ |
| January | $3,100,276$ | $60,841,894$ $53,304,023$ | 26,911,184 | 4,212,257 |
| February | 3,255,348 | 50,074,516 | 25,540,763 | 3.575.64 |
| March | 2,543:822 | 50,161,869 | 26,403,545 | 3,466,891 |
| April | 3,982,900 | 51,050,041 | 32,619,423 | 3,839,675 |
| Jay | 3,622,766 | 50,886,983 | 22:913,046 | 4,480,977 |
| July | 3,944,003 | 42,420,627 | 30,001637 | 4,204,06 |
| Aligust | 3,985,842 | 33,440,306 | 24,460,654 | 5.092 |
| September | 4,156,689 | 39.215.306 | 26,405,628 | 6,832 |
| october | 5,137,05? | 65,781.993 | 32,162,176 | 6,532,403 |
| November | 5,741,164 | 73,740,362 | 23,941,729 | 6,550,301 |
| December | 5,808,858 | 62,244,048 | 30,419,359 | 6,290,412 |
| TOTAL | , 518,157 | 38., 161,968 | $343,500,746$ | 58,854,511 |

Percentage of
total for Canada_0.2 0.31 .20 .2

[^1]

## 4 Prairic Provinces

|  | Saskaちoon | Winnipeg | $\begin{aligned} & \text { Weybuin } \\ & \text { Sccurity } \\ & \text { Banks } \end{aligned}$ | $\begin{aligned} & \text { Total for } \\ & \text { prairic } \\ & \text { Provinces } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
| January 9.715.826 305,238.494 1.632,771 |  |  |  |  |
| February 7.924,659 299.839,799 1,085,478 |  |  |  |  |
| Apri1 8,658,203 7,103,132 386,173,267 |  |  |  |  |
| May - 8,865,658 378,135,654 1,206,299 404,406,107 |  |  |  |  |
| June | 8,617:56 | 342, 095.654 | 1,202,407 | 528,221,533 |
|  |  |  |  |  |
|  |  |  |  |  |
| Sentember $10,338,408$ $289,413: 980$ $2,774: 833$ <br> cutober $11,405,522$ $589,533,351$ $6: 947,570$ |  |  |  |  |
| Decenber 11,709,587 472.987,050 5,885, |  |  |  |  |
| TOLAL II |  |  |  |  |
| ntare of totai bo Conada |  |  | ,043,169 | 186,343,272 |
|  |  |  | 0.1 | 22.2 |

2. SANE DEBITS AT MIE CTBARITG HOUST CEMPRES OF CAIADA, BY IDTVIDUAJ CDETSKS ATD BY IRONTHS, DURITGG 1924.

5 Sritish Columb:.


TABIE 3. INDEX NURBERS OF BAMI DESITS IN THE FIVE RCONOMC ARBAS AND THE CHIET CLEARTNG HOUST CBETRES OF CANADA BASED ON JAIJARY 1924 EqUALIIIGG 100.


|  | Quebec | Ontario | Prairie <br> Provinces | British <br> Colimbia | Canada |
| :---: | :---: | :---: | :---: | :---: | :---: |
| January | 100 | 100 |  |  |  |
| February | $111$ | 111 | 100 | $\begin{array}{r} 100 \\ 89 \end{array}$ | $\begin{aligned} & 100 \\ & 100 \end{aligned}$ |
| ienerch | 99 | 87 | 85 | $\begin{aligned} & 89 \\ & 87 \end{aligned}$ | $91$ |
| Arril | 104 | 88 | 89 | 93 | 93 |
| Inay | 105 | 201 | 116 | 95 | 105 |
| June | 101 | 87 | 103 | 89 | 04 |
| july | 208 | 96 | 128 | 101 | 107 |
| Areust | 99 | 82 | 9] | 94 | 90 |
| Srptenber | 101 | 108 | 90 | 94 | 101 |
| at.ober | 102 | 133 | 169 | 107 | 136 |
| $\begin{aligned} & \text { Nomber } \\ & \text { December } \end{aligned}$ | 115 | 138 | 153 | 104 | 1 |
| December | 14.7 | 136 | 145 | 107 |  |
| Autrase | 10.8 | 104 | 114 | 97 | 107 |

 SQUALISIG 100 , CORE CTMD FOR SEAS AD TARIACDON ICCOLDHGG
 IT THE TT YARN 191rm1023. (Soe Text).

|  | Montreel | Toronto | Winnipee | Vancouver | Canada |
| :---: | :---: | :---: | :---: | :---: | :---: |
| January | 100 | 100 | 100 | 100 | 200 |
| February | 130 | 122 | 121 | 99 | 118 |
| Larch | 102 | 90 | 96 | 95 | 95 |
| April | 125 03 | 88 | 88 108 | 92 91 | 93 95 |
| june | 9 | 81 | 118 | 85 | 90 |
| July | 97 | 91 | 172 | 87 | 102 |
| August | 98 | 88 | 131 | 86 | 93 |
| Septeriber | 104 | 124 | 90 | 8.4 | 102 |
| October | 107 | 108 | 117 | 93 | 106 |
| November | 91 | 95 | 91 | 91 | 100 |
| December | 125 | 101 | 97 | 96 | 104 |
| Avorago. | 105 | 93 | 120 | 92 | 100 |

5. BAITK DPPOSITS AND BINK JYBITS, AIT RATITO OF DTBITS TO





Mnister of Trace and commerce.





Tor tin past quartor of a contury cratistics of bank cloorthes havo boon gonorally unod in harada to Cadicsto chenses in the rotume ousinoss cione as between different aomth and cifferont rears. The fisures of bank cloacints, howrof, only roccrd the volume offinter-bank transactions and in az era of bank amargations such as the prosent contury, werth has scci the nithor of banks in Carmaz rocuod fica 3 t to 13 , an over-docroasing percentasc of tho totrol transaztions jeessing theough tho banks hare boon shown in tho bank oloasings. For oxample, upon tho a anleamotion of the Fichens Dank vith the Banle of Montroait, which boeano effoctive on tanuary 20, 1925, all who choguns passing betwoun thosc banks, which before termizy 20 had ocon roconodi in tho bank cioarings, coasod to bo so roconded, whus bringing about a ciecline in bank clearings ghich tos not due to a doclinc in the volutac of bisinoss transactod.

In viow of tho abovo facts, tho Dominion Buroau of Statistica. With tio cordinl cocporntion of tho Cinedian Eankore Association, costablisiod in lyet a rocord of bank dobits to indivicual account at tho cloaring housco ontros of Canada, thus socurine a towa figurc for cach cioarine jouso coutre of ail sungof muncy transícricd on tho bools of the brancit banis in that contro and so providing a moesuro of tho volumo of Businoss, vinich trill not bo vitiatod liy furthor amalga ations amons our baking institutions. Fonthly kullotins itring thosc bajk deoits by oconomic aroas and by ciowing housc nontres wore pubtifsha throwhont tho yoae, and tho Piret, annual roport on bank dobies at. the cloaring houso oontros of Cenada is nom prossontod. This rovorit shows total bank debits to inaividual accounts at tho cloarjisg houso tontros of Canada to haro boon, during the yone, 627,839,000, 000, is comparod with bant cloarings of $316,999,000,000$. This fisurc of $\$ 27.839,000,000$ doas not inchute, of courso, thin transiops of zonoy on tho books or thoso branch barks which aro outside or clearing housc contros, but it constitutos tho lergost and best samplo avor compilod of tho volumo and tho tirond of businoss in the Doninion. Horcaftor, wo shall hatco for oach cloarine housc contro, Fow oach month and for cach yoar, ficuros whith will bo striculy compravo as indicatin's tro voluac or businoss dono.

When comparod with the Jamiary Iovol, the nonthly averaco of cloarings ducing -o2t dicinind $6 \mathrm{p} . \mathrm{c}$. whilc dowits incroascd 7 peco shomite tho ornonoons improssion convorad by atetistios of bonk clearings in dotominime the troak of bustross conatitome.


The Trend of Dobits in 192t.
Tho minor uptrard movomont apparont in tro carly part
of 1924 roactiod its culmination in Fabruary, whon compreial as Well as spoculative contres wore spocially active. Tho videsproad reaction charactoristic of the greater part of 1924 began in larch and continucd during tho sumacr. Tho loti lovel vas somovhat rolicved by extraordinary activity in the grain trado at Winnipeg botrocon hav and August, whon rising pricos attractod spoculetivo intorosts. The gains in the last quartor cvon whon scasonal cxpansion was alloftod for, morc sufficiontly substantial to jnspire contidonco in the innciate future.

## Tive Sconomic Arcas.

Tho Prairic Provincos mado a bottor shoving then any of tho othor cconomic aroas, the dobits incroasing fron O453,700,000 in January to 6582,000,000 in July and higher zovols, accountod for by scasonal factors, trere roaehcd in the last quartor. Whilc the dobits of the provincos vere largely dotornino by the transactions at Winnipog there an active grain trado during tho last six anths rosulted in high rocords, othor largo contros such as Calgary and Fogina also mado a good shoring. The dobits of the Province of Quoboc, indicating a slight increasc in activity during the yoar, worc cspccially large in the last two or threce months. The dobits of iNontraal, whore tho industrial, comorcial and spoculatite intcrests are strongly roprosontor, naturally conformod to the trond of tho mhole country. Tho checking transactions of ontario pore practioally maintaincd throughout the yoar, tho dxpansion at Toronto intho irirst and last quartors boing particularly in ovidoncc. Tho dobits at Hamilton wore fairly stoady during tho yoar milo the Ottana reoord was abnornally increasod, as a result of the financing of the Doainion governaont. The trom in British Columbia ves dommard during tho first nindmonths followod by a moderato improvemont during the last quartor. Tho maximum dobits of tho laritimo provinces woro attainod in August and in no othor month was tho record of January excocdod.

Rolative Imnortance of Contros and Arcas. - The dowits at Toronto pore largor than at any other contre, the anount being $17.659,000,000$ or $27.5 \mathrm{p} \cdot \mathrm{c}$. of the Canadian total, as comparod with 7,502,000,000 or 27 p.c. at itontrcal. Wimipeg and ottava held thixd and fourth placos vith 16.1 p.c. and 7.0 poc. rospoctivoly, the dobits of 0 titark being inflatod by government financing. The fifth place tras hold by Vancouvor with 5.1 p.c. and Calgary was noxt with 2.3 p.c. Tho chocking transactions at Hemiltón verc 20.p.c. and othor eontros follofrod in tho order namow, o nuobee l.9 p.c.,
 London 1 p.c. About $40.3 \mathrm{p} \cdot \mathrm{C}$. of the debits oriesinatod in Ontario as comparod with 29.2 p .c. in Quobce. The rozaining 2conoaic arcas oontributcd as follome, Prairio Provincos Provincos 2 . British polunbia 6.2 p.c. and tho ilaritiac
P. Coll

Tho statistics of bank debits during 1924 aro given in considarable dotail in a pross lettor issucd today by the Dominion Buroauof Statistics.


[^0]:    Porcontage of

[^1]:    4. Prainio provinces.
