# DEPARTMENT OF TRADE AND COMMERCE 

DOMINION BUREAU OF STATISTICS
GENERAL STATISTICS BRANCH

# THE <br> FEBRUARY <br> EMPLOYMENT SITUATION 

1937
(AS REPORTED BY EMPLOYERS HAVING 15 OR MORE EMPLOYEES)

Note:- Statements relating to unemployment as reported by trade unions, and to the operations of the Employment Service of Canada, together with the statistics of the present Bulletin, are published in the Labour Gazette, the official journal of the Department of Labour, Canada.

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OTTAWA


The heary curve is baced upon the number of persons employed at the first day of the month by the firms reporting, compared with the everage cmploymit they afforded in the calendor year 1926 as 100 . The broken curve shons this crude curve correctea for seasonal variation as determired by the experiance of the last fourteen year.

# DEPARTMENI OF TRADE AND COMMERCE <br> DOMINION BUREAU OF STATISTICS <br> GENERGI. STATISTICS BRANCH <br> OTRAWA - CANADA 

Is sued Nar. 1, 1937.

TFE FEBRUAKY EMPIOYMENT SIIUATION.

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Employment at Feb . $1_{2}$ 1937, showed a slight advance, according to data tabulated by the Dominion Bureau of Statistics from 9,996 firms whose payrolls aggregated 987,719 persons, compared with 985,644 in the preceding month. This inorease of 2,075 workers since Jan. 1 was smaller than the average gain indicated at $F \mathrm{Feb}$. I in preceding years of the record, which commences with 1921, so that the index, after correction for seasonal influences, showed a decrease of slightly over one point, from 111.l at Jan. 1 to 109.9 at the begiming of February. However, this seasonally adjusted index was higher than in any month of 1936 , and with the exception of Jan。 $l_{0} 1937$, was also higher than at any earlier date since the autumn of 1930 .

An analysis of the returns by industries shows that the most pronounced recovery at the date under review was that of a seasonal character in manufacturing, in which there was an increase of 14,550 workers, or 2.8 p.c. as compared with Jan. 1. 1937. This gain, like the year-end loss which it succeeds, was smaller than the average indicated at the beginning of February in the sixteen preceding years for which data are available, but it is important to note that it resulted in the rememployment of a larger proportion of those laid off at Jan. 1 than has been usual in the experience of the years since 1920, the year-end decline also having been less than normal。 Within the group of factory employment, the iron and steel, textile and leather industries showed the greatest gains.

Among the non-manufacturing industries, logging, metallic ore mining and railway construction and maintenance also recorded heightened activity; the increased employment in the last-named was chiefly caused by snow-clearing operations. Declines were indicated, on the whole, in the remaining groups. Communications, transportation, building and highway construction, services and trade reported reductions in personnel, which in many cases, were of a seasonal character. A fuller analysis of the situation in the various industries appears, beginning on page 4.

A brief review of the situation as at Feb. 1, 1936, shows that the 9,394 firms from whom statistics had been received had reported an ageegate payroll of 927,006 , as compared with 933,294 in the preceding month. The index then, however, was 5.7 points lower than at Feb. 1, 1937, when it stood at 104.1.

The crude index of employment (average 1926=100) rose slightly from 103.8 at Jan. 1, 1937, to 104.1 at the beginning of February, as already stated, while at Feb. 1 in other years for which data are available, the unadjusted index was as follows:- 1936, 98.4; 1935, 94.6; 1934, 91.4; 1933, 77.0; 1932, 89.7; 1931, 100.7; 193?, 111.6; 1929, 110.5; 1928, 102.0; 1927, 96.6; 1926, 91.8; $1925,87.1 ; 1924,91.7 ; 1923,90.6 ; 1922,79.9$ and 1921, 91.2.

## EMPLOYMENT BY ECONOMIC AREAS.

Improvement was recorded in Quebec and Ontario, while the novement was unfavourable in the Maritime and Prairie Provinces and British Columbia. Employment in all but the Western Provinces was more active than at the beginning of February of last year, being also in all five economic areas at a higher level than at Feb. 1 in any of the years, 1935-1932.

Chart 2. - Employment in Canada as Roportad by Employers in Industries Other than Agriculture, 1928 -1937.


The curve is based upon the number of employees at work at the first day of the month as indicated by the firms report ing in comparison with the average employment they afforded during the calendar year 1926 as 100.

Maritime Provinces.- The trend of employment in the Maritime Provinces has very frequently been downward at the beginning of February in the sixteen preceding years for which data are avallable, the average loss in employment being over one p.c. At Feb. 1 of the present year, activity showed a decline that rather excoeded the average, 1,511 persons having been laid off :ince Jan. I by the 689 roporting firms, whose payroils aggregated 77.47]. workers; this was a reduction of 1.9 p.c. as compared with the beginning of Janary Logging, coal-mining, commications, retail trade and construction reported curtailments, that in the lastmamed being on a large scale; on the other hand. improvement took place in transportation and manufacturing. Within the latter group, vegetablo food and electric curront plants showed reduced activity, but lumber and 1 ron and oteel works reported considerably increased staffs. A much larger Joss, on the whole, had been recordod at Febo 1 of last year, when 653 firms hod reported 73.057 omplojees, or 4,135 fewer than at Jan. I, 1936. The index then was lower than at the date under review, standing at 102.2 , as compared with 107.5 at Feb. 1: 1937.

Quebec.... Emplogment in Quebec showed a substantial facrease at the date under review, when the working forces of the 2.370 co-operating employers aggregated 295,867, as against 265851 at Jan. 1. 1937. There were large gains. orl the viholo, in manufacturing, notably in leather textile and jron and steol plants, while food, pulp and paper and clay, glass and stone works were slacker. Transportation, services and trade also showed reduced activity: but logging mining and construction afforded more employment. The index at Job. 1. 1937. stood at 106.7. as conpared with 95.2 at the same date of last year, when a small decline had occurred; the 2.225 firms making returns for the beginning of February: 2936: had reported a staff of 263.046 persons, or 914 fewer than in the proceding month. In the experierce of other years since 1920, employment in Guobec has usually advanced at Feb. 1, but the gain in... dicated in the month under revier considerabiy exceeds the average.

Ontario... A moderate Increase, on the whole: was shown in Ontario; whera dacided recovery in manufacturing, particularly in tron and steel, textile, leather and vegetable food factories, and in mining, more than of fot reductions in logging, transportation, construction services and retail trads. Data wers received from 4,457 firms employing $1+21,056$ persons at the date under review, a.6 compared with 417,364 at the beginnine of Jonuary. This goin of 3.692 workers was snaller than the incroase that has been indicated on the average, botween Jan. I and $\mathbb{F e b}$ 。I in the years, 1921-1936. The movenent had been downard at the beginning of February last year, when the 4,162 employers making netuins had roported an aggregate staff of 392,758. The inder stoud at 108. 4 at Feb. 1. 1937, as compared with 102.4 at the same date of last winter.

Prairie Provinceso- Employment in the Pratrie Provinces has, with few exceptions, declind at Feb. in the sixteen preceding yeare for which records are available. The tendency was also unfavourable at the date under review, when the 1,445 co-operating employers reduced their payrolls by 3,595 persons; to 116,160 at Feb. 1. Manufacturing showed an advance, marked improvement in iron and steel plants being partly offset by losses in food factories. Logging, metallic ore mining and 8 team raflway operation and constructicn afforded more employment. but coal-mining, comunications, local transportation, highway construction and maintenance, services and retail trade reported curtallment. The general contraction in industrial activity at Feb. 1, 1937, was ereater than the average indicated at that date in the years since 1920, also exceeding the decrease noted at the beginning of February in 1936: the 1,374 employers then furnishing returns had reduced their working forces to 118,550 from 120.154 et Jan. $I_{\text {, 193 }}$ 293. The Index stood at 91.4 at the date under review, compared with 93.7 at Febo I of last year, but was higher than at the same date in 1935. 1934 or 1933.

## British Columbian. There was a decrease in employment in British Columbia at

 Feb. 1, in which most of the rain industrial divisions shared; logging, mining, construction and maintenance, sorvices and manufacturing reported the greatest losses. In the last-named, food and lumber factories recorded declines: while the tendency was favourable in prlp and paper and metal works. The general curtailinent in staffs compares unfavourably with the emall increase that, on the average, has been indicated from Jan. I to Feb. I in the last. sixteen years. The working forces of the 1,035 reporting firms aggregatod 77,165 : 2 loss of $3: 527$ employees as compared with their payrolls in the preceding montho Helghtened activity had been noted between Jan. I and Feb. I in 1936, when the ?abour forcas of the 980 comoperating establishments had been enlarged by 1,352 persons to 79,595 at the latter date. The index, at 94.1, was then rather higher than at Feb. 1 of the present year, when it was 91.3.Index numbers of employment by economic areas are given in Tables 1 and 4.

The trend of employment was downward in Quebec City, Toronto, Ottawa, Winnipeg and Vancouver, while in Montreal, Hamilton and Windsor the tendency was favourable

Montreal.- Manufactures showed considerable recovery on the whole, notably in the footwear, textile and iron and steel groups, while tobacco and beverage, food and clay, glass and stone factories reported reduced aotivity. Transportation, construction and maintenance and trade also afforded less employment. Data were received from 1.368 firms employing 137.962 workers, or 2,235 more than at Jan. 1. Industria) activity in Montreal has usually advanced between Jan. 1 and Feb .1 in the experience of the years since 1923, when statistics for that city were first segregated, but the improverent recorded in the present report exceeds the average gain at Feb. i in the period, 1923-1936. The index at the latest date stood at 91.8, or over four points higher than at the beginning of February in 1936; the 1,298 co-operating firms had then employed 131,723 men and women, as against 130,014 in the preceding month,

Quebec. - Returns tabulated from 175 employers in Quebec City showed that they had reduced their staffs from 12,287 at Jan. 1 to 12,243 persons at Feb. 1 , the index falling silghtly from 92.0 at the former to 91.7 at the date under revien. Manufacturing afforded more employment, and transportation was also busier. Trade services and construction, on the other hand, were seasonally dull. The index was practically the same as at the corresponding date of last year, when a larger decline had been noted.

Toronto.- Heavy seasonal losses took place in retall trade, while manufactaring showed improvement, mainly in vegetable food, pulp and paper, textile and fron and ateel works. On the whole, there was a decrease of 1,904 in the number employed by the 1,519 co-operating firms, who had 126,536 employees. This reduction was decided ly smaller than that indicated at $\bar{F}$ eb. 1 of a year ago, when the index of employment was 5.5 points lower than that of 101.9 at the date under review. The 1,415 employers from whom statistics were received at Feb. 1, 1936, had an aggregate payroll of 117.547.

Ottawa.- There was seasonal curtailment in retall trade and construction, and manufacturing was also rather slacker. Two hundred and one establishments in Otiaw reported 13,110 workers, or 509 fewer than at Jan. 1. The index of employment was fractionally lower than at the beginning of February, 1936, when a similar decline, on the whole, had been noted.

Hamilton.- Employment in Hamilton showed an advance, mainly in the manufacturing group, in which improvement was indicated by textile, iron and steel and other plants. There were, however, small losses of a seasonal character in trade and construction. Statistics were tabulated from 289 fims employing 32,731 porsons, compared with 31:879 in the preceding month. The index, at 101.7, was nearly five points higher than at Feb. I of a year ago; a smaller gain had then occurred.

Windsor.- Considerable recovery was indicated in automobile factories, while other industries showed little general change. The 175 co-operating firms employed 19, 821 workers, as against 18,722 at Jan. 1. The situation was decidedly better than at the same date in 1936, when advances on a amaller scale had been made. The index at Feb. 1, 1936, had atood at 120.0, compared with 145.2 at the beginning of February in the present year.

Winnipeg - The number employed in Winnipeg showed a contraction, mainly in transportation, construction and retail trade, while fron and steel and other factories reported improvement. Returns were compiled from 479 firms with 38,308 employees, compared with 39,540 in the proceding month. Employment was rather slacker than at Feb. 1 of last year, when less extensive curtailment had been indfcated by the 459 co-operating establishments, erploying 39,033 persons, as compared with 39,315 at the beginning of January, 1936.

Vancouver.- Manufacturing on the whole reported moderately reduced employment, particularly in the lumber group, while vegetable food factories were more active; services, construction and retall trade also released employees. On the other hand. transportation showed improvement. The 438 reporting firms employed 33.748 persons. as againgt 33.938 at Jan. 1. The index, at 104 . 7, was nearly seven points higher then at the same date in 1936, when 424 employers had reported 31,320 employees, a.e compared with 31,186 in the preceding month.

Index numbers of employment by cities are given in Tables 2 and 6, while Chart 3 shows the course of employment in certain centres since 1933, the curves being piotted from the indexes given in Table 2.

Chart 3, Employment by Principal Cities, 1933-1937.


Manufacturing:- Improvement was noted in factory employment at Feb. 1, 1937: when 5,811 co-operating manufacturers reported 533,770 operatives, compared with 519,220 in the preceding month. This increase of 14,550 persons raised the unadjustod index from 102.4 at Jan. 1 to 105.3 at the beginalng of Fobruary. The advance, however, 'was smaller than the average indicated in the years since 1920 , so that the seasonallycorrected curve in Chart 4, has a slightly downward trend from Jan. 1; with this exception, it continues higher than in any other month since June 1, 1930. The seasonally-adjusted index was 109.3 at veb. Is 1937. compared with 110.9 in the preceding month. As already stated, both the seasonal curtailment at the beginning of January and the recovery at the date under review: were on a scale less than the average in the years, 1921~1936, but the gain at feb。 1 provided work for a larger than-average proportion of the number ( 23,202 men and women) who had been released by the 5,827 factories reporting at dan. 1.1937.

The $5: 568$ manufacturezs furnishing data for Fob I of last year had reported 496,150 employees; as compared with 487,172 at the opening of 1936. The recovery then indicated had thus been on a much smaller scals than at the latesi date, when the index mas 6.9 p.c. higher than at the beginning of February, 1936.

The Feb. 1, 1937. crude index of amployment in manufacturing stood at 105.3, compared with 102.4 in the preceding month, while at the beginning of February in the last sixteen years it has been as follows:-1936, 98.5: 1935, 90.1; 1934. 84.2; 1933. 75.0 ; 1932, 85.9 ; 1931. $96.1 ; 1930$, 1.10 .2 : 1929. $112.8 ; 1928$, 102.3; 1927. 98.2 ; 1926, 93.0 ; 1925. 85.8; 1924: 91.9: 1923. 92.0 : 1922. 79.0 and 1921. 91.8 .
$\qquad$
The/pronounced improvement at the date under review over Jan. 1, 1937, occurred in iron and steel plants, in which 6,300 additiond employees were reported by the firms fumishing data; while this gain was smaller than the average increase between Jan. 1 and Feb. I in the years since 1920, it gucceeded an advance at the end of the year that was contra-seasonal. Activity in this important group of industries was greater at Feb . 1 than in any month of 1936. or indeed, than at any period since the spring of 1931. There were also substantial goins in leather and textile factories, with smaller additions to staffs in the lumber: musical instrument, pulp and paper, rubber, electrical appliance and non-ferrous metal industries. On the other hand, food, clay, glass and stone and. elactric current plants showed curtailment.

Logging.- A slight increase was recorded in logging, in which employment was at a higher level than at Feb. 1. 1936, and also thar, at that date in preceding years of the record. The 361 co-operating firms employed a staff of 69,898 men at Feb.l. 1937, as compared with 69.493 at the beginning of January. Losses were indicated in the Maritime Provinces, Ontario and British Columbia, while the tendency in Quebec and the Prairie Provinces was upward.

Mining.- Contrary to tho usual seasonal trend at mid-winter, there was an advance in employment in mining at the beginning of February; the extraction of qetallic ores showed a decicded gain, offsetting reductions in coal and other nonmetallic mineral mining. Acsivity in this division was greater than at Feb. 1 in any other year of the record, the index standing at 147.6, as compared with 129.4 at that date in 1936. Statements for Feb. 1, 1937. were received from 399 operators with 68,128 employees, or 882 more than at the beginning of January of the present year.

Communications.- The working forces of the reporting companies stood at 21, 145 persons, compared with 21,363 in the preceding month. The number employed was rather larger than at the same date of last year: when the recorded loss had been more pronounced.

Transportationo- Reduced activity was indicated in transportation; steam rail... ways showed no general change, while employment on street and electric raflways and in cartage and shipping and longshore work was quifter. The result was a beasonal as compared with 97,700 in the preceding month. The trensportation index stood at 80.7 at Feb. 1, 1937. compared with 78.2 at the begimning of February of last year.

Construction and Maintenance... Building and highway construction afforded less employment, while railway construction and maintenence showed an advance, chiefly due to snow-clearing operations. On the whole, there wes a decrease of 4,720 in the number employed by the 1,077 contractors whose data were tabulated, and who had 67.492 persons on their Fab. 1 payrolls. A much smallfoecline had beon indicated at the same date in 1936, when employment in the construction group was more active, the



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index standing at 74.4 , as compared with 57.2 at the latest date.
Services.- Mmployment ir services as a whole showed a reduction, which occurred largely in the hotel division: 472 estabijshments reported 25,962 employees, or 1,241 fewer than at Jan. 1. The index, at lig.1, was 2.7 points higher than at Feb. 1 of last year, when losses on a smaller scale had bsen noted in this division.

Frade. Following the greatly increased activity at the Christmas and holiday season, there was a marked falling-off in the rumber employed in retail trade, while wholesale houses showed a slight decline; on the whole, 6,753 persons were let out from the forces of the 1,343 cowoperating trading establishments,bridiging them to 104,454 at the date under review. This reduction was on a smaller scale than that reported at the beginning of Fobruary in 1936 and many other years of the record. The index, at 128.4 at the letest date, compared favourably with that of 121.6 at Feb. 1 of a year ago.

Tables 3 and 4 give inder numbers by industries.

## EMPIOYMENT IN GRFAT BRITAIN.

Pmployment in December showed little change, on the whole, as compared with November, 1936, according to The Ministry of Labour Gazette; among insured workers aged 16-64 (excluding agricul. tural workors), In Great Britain and Northern Ireland, the percentage unemployed was 12.2 at Dec. 14,1936 s as compared with tine same percentage at Nov. 23: 1936s and with 14.1 at Doc. 16,1935 . Recent press reports state that there was a total of $1.689,223$ persons out of work at Jan. 25 , 1937 : this was 60,504 more than a month before but $470: 499$ fewer than at Jan. 20, 1936. It was estimated that at Jan. 25, 1937. thexe wore approcimately $11,106,000$ insured persons aged 16-64 in employment in the United ringdorn.

## TMPIOMMENA IN PHE UNITED STATBS.

## (These notes are based on the latest official reports received.)

Data tabulated by the United. States Bureall of Iabor Statistics showed that the upswing in employment in evidence each month sincs February, 1936, in the combined manufacturing and nonwnanufacturing fndustiies continued through December, approximately 470,000 additional workers finding employment in these industries since Noverber. As compared with December, 1935s thore was a gain of over 1,340,000 workers. Juring December, 1936, there was a contramseasonal increase in manufacturing, in which the index (average 1923-1925m100) stood at 97.7 , compared with 96.7 in Novemoer and 88.2 in December: 1935. The iron and steel and other metal, textile, rubber, leather and other divisions showed advances. In the non-manufacturing groups, there were large seasonal increases in trade and coal mining.

New York, - According to the State Department of Labor, the total number at work in New York State factories in January was approximately the same as in December, although the average change from December to January in the years since 1914, has been a decrease of about $1.5 \mathrm{p} . \mathrm{c}$. The index stood at $85.2 \mathrm{p} . \mathrm{c}$. of the average for the three years, 1925-27, which is used as the base; this was $13 \mathrm{p} . \mathrm{c}$. higher than in January, 1936. There were reductions as comparod with December in stone, clay and glass, wood, food and tooacco, textiles and some other factories, while improvement was shown in the metal and machinery, shoe and clothing and millinery and pulp and paper divisions.

Illinois.- Statistics tabulated by the Illinois Department of Labor show an increase of 2.2 p.c. in the number of persons employed by 4,981 manufacturing and non manufacturing enterprises in December as compared with November. The index of employment (average 1925-1927=100) stood at 86.6 in December, 1936, as compared with 77.2 in December, 1935.

Wisconsin. - The index of factory employment in Wisconsin calculated on the 1925-6-7 average as 100, stood at 97. 4 in December: 1936, as compared with 96.9 in November, 1936 , and 87.2 in December: 1935. The food, tedtile, constmetion and some other industries reported declines as compared with the preceding month while improvement was noted in the medal, wood. paper and some other industries.

TABLE I.-INDEX NUMBSRS OF EMPIOMMEN BY ECONOMIC AREAS, (AVERAGE CALENDAR YEAR 1926=100).

|  | Canada | Maritime Provinces | Quebec | Ontario | Pralrie Provinces | British <br> Columbia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Feb. 1, 1921 | 91.2 | 108.1 | 86.2 | 93.8 | 93.0 | 77.4 |
| Feb. 1, 1922 | 79.9 | 88.2 | 72.1 | 84.7 | 82.4 | 74.8 |
| Feb. 1, 1923 | 90.6 | 101.4 | 83.6 | 95.9 | 90.9 | 78.4 |
| Feb. 1, 1924 | 91.7 | 93.4 | 88.5 | 95.8 | 91.4 | 82.2 |
| Feb. 1, 1925 | 87.1 | 88.8 | 84.9 | 88.8 | 87.8 | 84.4 |
| Feb. 1, 1926 | 91.8 | 95.5 | 88.3 | 93.8 | 90.1 | 91.9 |
| Feb. 1, 1927 | 96.6 | 98.3 | 95.3 | 98.3 | 96.4 | 90.8 |
| Feb. 1, 1928 | 102.0 | 97.0 | 101.6 | 104.9 | 103.2 | 93.5 |
| Feb. 1, 1929 | 110.5 | 104.6 | 105.9 | 117.0 | 113.1 | 96.4 |
| Feb. 1, 1930 | 111.6 | 112.1 | 108.2 | 117.1 | 109.8 | 99.9 |
| Feb. 1, 1931 | 100.7 | 110.6 | 98.8 | 101.7 | 101.0 | 93.8 |
| Feb. 1, 1932 | 89.7 | 99.9 | 85.9 | 92.7 | 91.3 | 77.5 |
| Feb. 1, 1933 | 77.0 | 76.5 | 75.7 | 78.9 | 80.4 | 68.0 |
| Jan. 1, 1934 | 88.6 | 97.0 | 86.3 | 91.2 | 86.4 | 80.4 |
| Feb . 1 | 91.4 | 101.3 | 88.5 | 95.3 | 84.7 | 84.1 |
| Mar. 1 | 92.7 | 103.2 | 89.1 | 97.8 | 83.8 | 85.6 |
| Apr. 1 | 91.3 | 95.1 | 85.1 | 98.7 | 83.3 | 86.6 |
| May 1 | 92.0 | 98.3 | 85.5 | 98.5 | 85.4 | 88.4 |
| June 1 | 96.6 | 98.4 | 90.9 | 104.4 | 89.5 | 89.1 |
| July 1 | 101.0 | 100. 4 | 94.1 | 109,9 | 94.1 | 94.1 |
| Aug. 1 | 99.9 | 101.3 | 94.9 | 106.0 | 93.0 | 97.6 |
| Sept.I | 98.8 | 101.8 | 95.4 | 103.3 | 92.9 | 96.2 |
| Oct. 1 | 100.0 | 103.1 | 96.0 | 104.8 | 95.7 | 95.4 |
| Nov. 1 | 100.2 | $10+.9$ | 98.0 | 103.6 | 96.5 | 94.1 |
| Dec. 1 | 98.9 | 106.9 | 96.4 | 101.7 | 94.3 | 92.9 |
| Jan. I, 1935 | 94.4 | 99.0 | 91.3 | 98.0 | 91.2 | 88.8 |
| Feb. 1 | 94.6 | 100.1 | 89.5 | 100.2 | 89.2 | 89.6 |
| Mar. 1 | 96.4 | 98.6 | 91.3 | 103.5 | 87.2 | 91.9 |
| Apr. 1 | 93.4 | 95.8 | 85.9 | 100.7 | 86.9 | 91.8 |
| Way I | 95.2 | 97.4 | 89.7 | 101.7 | 87.9 | 92.6 |
| June 1 | 97.6 | 101.6 | 93.8 | 101.6 | 92.2 | 96.6 |
| July 1 | 99.5 | 106.7 | 94.8 | 102.7 | 96.3 | 99.5 |
| Aug. 1 | 101.1 | 106.7 | 97.2 | 102.4 | 98.7 | 106.8 |
| Sept.1 | 102.7 | 107.0 | 99.3 | 103.9 | 100.5 | 108.0 |
| Oct. 1 | 106.1 | 112.9 | 103.1 | 108.1 | 102.7 | 106.0 |
| Nov. 1 | 107.7 | 111.1 | 105.0 | 110.0 | 108.1 | 101.8 |
| Dec. 1 | 104.6 | 107.5 | 103.8 | 107.0 | 101.3 | 99.3 |
| Jan. 1, 1936 |  | 108.1 |  | 102.7 | 95.1 | 92.4 |
| Feb. 1 | 98.4 | 102.2 | 95.2 | 102.4 | 93.7 | 94.1 |
| Mar. 1 | 98.9 | 101.7 | 95.1 | 103.8 | 95.1 | 92.4 |
| Apr. 1 | 97.4 | 101.8 | 91.4 | 103.4 | 90.5 | 95.9 |
| May 1 | 99.5 | 103.4 | 96.4 | 103.4 | 92.7 | 99.0 |
| June 1 | 102.0 | 103.4 | 99.8 | 104.7 | 97.7 | 102.2 |
| July 1 | 104.6 | 111.7 | 101.6 | 106.2 | 101.9 | 104.8 |
| Aug. 1 | 105.6 | 113.9 | 101.3 | 107.1 | 103.9 | 107.9 |
| Sept.1 | 107.1 | 114.4 | 103.0 | 108.1 | 107.4 | 109.3 |
| Oct. 1 | 110.1 | 117.9 | 106.0 | 112.6 | 108.6 | 108.1 |
| Nov. 1 | 111.0 | 119.4 | 110.3 | 112.8 | 106.0 | 105.4 |
| Dec. 1 | 110.1 | ].15.3 | 112.6 | 112.9 | 98.6 | 101.5 |
| Jan. 1, 1937 | 103.8 | 109.5 | 104.0 | 107.5 | 94.2 | 95.4 |
| Feb. 1 | 104.1 | 107.5 | 106.7 | 108.4 | 91.4 | 91.3 |

Relative Weight of lmployment by Economic Areas as at Feb. 1, 1937.

| 100.0 | 7.8 | 30.0 | 42.6 | 11.8 | 7.8 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $\therefore$ | 1.8 | 1.4 | $\ddots .8$ | 12.7 |  |

Note: The "Relative Neight", as given just above, shows the proportion of amployees in the indicated area, to the total number of all employees reported in Canada by the firms making returns for the date under review.

IABIE 2.-INDEX NUMBERS OF EMPIOMTNT BY PRINCIPAZ CITIES, (AVERAG DALENDAR YEAR 1926=100).

Montreal Quebec Toronto Ottawa Hamilton Windsor Winnipeg Vancouver

| Feb. 1, 1922 | 74.6 | - | 90.4 | $\cdots$ | - | - | 86.1 | 76.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Feb. 1, 1923 | 87.3 | .- | 95.9 | 101.9 | 85.8 | - | 91.1 | 74.3 |
| Feb. 1, 1924 | 88.2 | - | 93.6 | 95.5 | 88.7 | - | 86.7 | 78.9 |
| Feb. 1, 1925 | 86.4 | 102.4 | 91.7 | 91.7 | 31.4 | - | 86.2 | 84.3 |
| Feb. 1, 1926 | 89.5 | 91.6 | 95.6 | 92.7 | 91.5 | 95.6 | 91.9 | 94.7 |
| Feb. 1, 1927 | 94.5 | 98.3 | 99.3 | 95.0 | 98.0 | 96.4 | 99.8 | 96.4 |
| Feb. 1, 1928 | 100.3 | 110.9 | 105.4 | 105.6 | 102.7 | 88.8 | 102.1 | 95.7 |
| Feb. 1, 1929 | 106.9 | 114.3 | 125.9 | 110.3 | 120.3 | 159.6 | 108.1 | 100.4 |
| Feb. 1, 1930 | 109.5 | 212.5 | 216.4 | 115.1 | 122.8 | 128.3. | 106.8 | 107.2 |
| Feb. 1, 1931 | 102.8 | 120.7 | 101.1. | 113.4 | 106.1 | 96.9 | 96.8 | 108.4 |
| Feb. 1, 193. | 87.4 | 100.9 | 97.8 | 104.5 | 90.2 | 81.4 | 89.6 | 90.1 |
| Feb. 1, 1933 | 76.1 | 88.9 | 84.7 | 85.7 | 70.4 | 67.2 | 77.8 | 81.2 |
| Jan. 1, 1934 | 78:0 | 86.5 | 90.0 | 95.8 | 77.1 | 76.5 | 81.1 | 82.2 |
| Feb. 1 | 81.1 | 89.6 | 89.7 | 98.4 | 80.7 | 90.9 | 79.5 | 83.9 |
| Mar. 1 | 82.6 | 93.2 | 91.1 | 96.7 | 81.0 | 97.7 | 79.7 | 84.1 |
| Apr. 1 | 82.1 | 95.4 | 92.7 | 97.6 | 83.0 | 102.9 | 79.7 | 84.8 |
| May 1 | 82.9 | 96.3 | 92.9 | 100.8 | 83.9 | 109.3 | 81.2 | 85.9 |
| June 1 | 86.3 | 97.9 | 37.9 | 102,4 | 86.7 | 107.1 | 81.9 | 86.3 |
| July 1 | 86.7 | 96.1 | 94.1 | 102.4 | 87.5 | 100.6 | $82 . ?$ | 89.8 |
| Aug. 1 | 86.4 | 99.4 | 92.9 | 103.4 | 87.8 | 100.7 | 84.0 | 91.5 |
| Sept.1 | 86.6 | 99.9 | 94.3 | 100.9 | 84.9 | 91.0 | 85.2 | 91.8 |
| Oct. 1 | 87.0 | 97.5 | 96.5 | 300.8 | 84.4 | 86.7 | 86.5 | 90.5 |
| Nov, 1 | 87.3 | 96.5 | 97.2 | 98,6 | 86.3 | 76.1 | 86.4 | 89.0 |
| Dec. 1 | 86.7 | 92.4 | 97.1 | 96.0 | 86.1 | 77.9 | 87.1 | 89.0 |
| Jan. I, 1935 | 84.8 | 88.9 | 95.8 | 97.5 | 83.0 | 83.4 | 85.6 | 88.7 |
| Feb. 1 | 81.6 | 90.0 | 93.0 | 98.2 | 84.6 | 109.1 | 82.6 | 88.0 |
| Nar. 1 | 86.3 | 94.0 | 94.0 | 89.0 | 85.8 | 127.0 | 83.3 | 90.0 |
| Apr. 1 | 83.8 | 93.4 | 94.8 | 99.3 | 87.7 | 132.6 | 83.5 | 89.7 |
| May 1 | 86.3 | 96.7 | 96.7 | 101.3 | 90.3 | 133.5 | 85.5 | 93.4 |
| June 1 | 87.2 | 95.8 | 97.9 | 103.5 | 93.5 | 123.5 | 87.0 | 96.5 |
| July 1 | 86.8 | 99.0 | 97.7 | 105.2 | 93.9 | 123.4 | 89.1 | 99.9 |
| Aug. 1 | 87.2 | 100.9 | 97.2 | 1.04. 3 | 95.4 | 106.6 | 90.6 | 101.7 |
| Sept. 1 | 88.7 | 102.8 | 93.7 | 103.9 | 95.2 | 105.2 | 90.1 | 105.7 |
| Oct. 1 | 91.5 | 101.8 | 101.1 | 105.6 | 100.1 | 106.8 | 91.1 | 103.5 |
| Nov. 1 | 91.7 | 100.5 | 1.01.7 | 104,0 | 101.4 | 115.4 | 91.4 | 101.3 |
| Dec. 1 | 91.9 | 99.0 | 100.8 | 103.6 | 100.4 | 118.7 | 94.1 | 100.3 |
| Jan. 1, 1936 | 86.4 | 93.5 | 100.5 | 103.2 | 95.7 | 116.4 | 91.9 | 97.2 |
| Feb. 1 | 87.6 | 92.0 | 96.4 | 99.5 | 96.8 | 120.0 | 91.2 | 97.8 |
| Mar. 1 | 87.5 | 93.3 | 97.8 | 101.4 | 97.1 | 117.7 | 94.1 | 96.9 |
| Apr. 1 | 88.3 | 91.7 | 98.7 | 103.1 | 96.8 | 121.2 | 88.1 | 100.1 |
| May 1 | 92.7 | 95.8 | 100.2 | 107.7 | 98.1 | 136.1 | 87.3 | 101.9 |
| June 1 | 93.7 | 96.8 | 107. 1 | 108.2 | 97.6 | 123.2 | 90.9 | 103.8 |
| July 1 | 93.5 | 94.5 | 101.4 | 110.0 | 99.4 | 113.0 | 92.7 | 106.0 |
| Aug. 1 | 92.2 | 96.5 | 101.3 | 107.4 | 99.8 | 125.1 | 93.8 | 109.2 |
| Sept. 1 | 94.3 | 97.9 | 103.4 | 1.11 .2 | 97.7 | 106.9 | 92.9 | 110.0 |
| Oct. 1 | 95.6 | 98.1 | 105.5 | 110.9 | 98.0 | 120.3 | 95.3 | 109.1 |
| Nov. 1 | 94.6 | 97.1 | 105.9 | 108.8 | 100.4 | 126.1 | 94.9 | 107.0 |
| Dec. 1 | 98.3 | 95.2 | 105.7 | 104.3 | 101.7 | 129.4 | 94.7 | 106.0 |
| Jan. I, 1937 | 90.4 | 92.0 | 103.4 | 102.8 | 99.0 | 137.1 | 92.4 | 105.3 |
| Feb: 1 | 91.8 | 91.7 | 101.9 | 98.8 | 101.7 | 145.2 | 89.4 | 104.7 |

Relative Weight of Employment by Cities as at Feb. 1, 1937.
$\begin{array}{llllllll}14.0 & 1.2 & 12.8 & 1.3 & 3.3 & 2.0 & 3.9 & 3.4\end{array}$
Note: The "Relative Weight", as given just above, shows the proportion of employees in the indicated city, to the total number of all employees reported in
Canada by the firms making roturns for the dato under review.

TABLE 3.- INDEX INMBERS OF EMPLOYMENT BY INDUSTRIES, (AVERAGE CALENDAR YEAR 1926=100).

| All <br> Industries |  | Manf. | Log. | Min. | Corm. | Trans, | Constr. | Serv. | Trade |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Feb. 1, 1921 | 91.2 | 91.8 | 170.2 | 100.2 | 89.9 | 93.5 | 61.4 | 78.7 | 91.8 |
| Feb. 1, 1922 | 79.9 | 79.0 | 111.0 | 93.8 | 82.2 | 89.6 | 49.0 | 76.6 | 89.6 |
| Feb. 1, 1923 | 90.6 | 92.0 | 171.7 | 105.0 | 82.9 | 93.7 | 52.8 | 77.2 | 93.0 |
| Feb. 1, 1924 | 91.7 | 91.9 | 175.1 | 108.8 | 89.3 | 95.7 | 58.1 | 88.8 | 90.5 |
| Feb. 1, 1925 | 87.1 | 85.8 | 156.7 | 77.4 | 92.4 | 90.9 | 60.3 | 89.2 | 93.5 |
| Feb. 1, 1926 | 91.8 | 93.0 | 145.5 | 98.4 | 95.1 | 93.4 | 61.0 | 90.1 | 97.4 |
| Feb. 1, 1927 | 96.6 | 98.2 | 149.1 | 104.0 | 99.1 | 95.4 | 67.6 | 95.9 | 102.2 |
| Feb. 1, 1928 | 102.0 | 102.3 | 169.5 | 113.2 | 100.9 | 98.8 | 75.6 | 105.8 | 110.0 |
| Feb. 1, 1929 | 110.5 | 112.8 | 178.3 | 117.8 | 110.9 | 101.6 | 79.3 | 117.3 | 119.7 |
| Feb. 1, 1930 | 111.6 | 110.2 | 209.8 | 123.0 | 120.7 | 98.2 | 88.0 | 125.2 | 124.6 |
| Feb. 1, 1931 | 100.7 | 96.1 | 102.2 | 111.6 | 106.6 | 94.0 | 104.5 | 122.2 | 123.1 |
| Feb. 1, 1932 | 89.7 | 85.9 | 68.5 | 102.4 | 97.3 | 83.4 | 90.4 | 112.1 | 117.2 |
| Feb. 1, 1933 | 77.0 | 75.0 | 67.3 | 94.0 | 85.7 | 75.0 | 56.2 | 104.2 | 109.4 |
| Jan. 1, 1934 | 88.6 | 80.0 | 168.8 | 106.8 | 78.4 | 76.3 | 88.1 | 109.8 | 122.3 |
| Feb. 1 | 91.4 | 84.2 | 174.0 | 109.4 | 76.8 | 76.2 | 98.0 | 108.7 | 111.6 |
| Mar. 1 | 92.7 | 86.5 | 153.3 | 108.9 | 76.7 | 78.0 | 100.8 | 109.3 | 112.3 |
| Apr. 1 | 91.3 | 88.1 | 104.9 | 103.3 | 76.8 | 75.9 | 95.8 | 111.8 | 116.1. |
| May 1 | 92.0 | 90.2 | 80.5 | 103.6 | 76.9 | 78.5 | 95.8 | 111.7 | 115.6 |
| June 1 | 96.6 | 93.2 | 75.0 | 106.2 | 78.0 | 80.3 | 116.7 | 115.4 | 116.5 |
| July 1 | 101.0 | 93.8 | 86.3 | 107.0 | 80.1 | 82.6 | 140.6 | 119.7 | 119.1 |
| Aug. 1 | 99.9 | 94.2 | 84.5 | 110.3 | 81.2 | 83.6 | 129.0 | 123.0 | 116.5 |
| Sept. 1 | 98.8 | 94.3 | 85.6 | 112.4 | 82.5 | 83.6 | 118.1 | 125.5 | 117.1 |
| Oct. 1 | 100.0 | 94.4 | 113.4 | 117.9 | 81.3 | 84.8 | 117.0 | 116.2 | 120.0 |
| Nov. 1 | 100.2 | 92.8 | 171.9 | 121.2 | 80.7 | 83.9 | 111.0 | 114.9 | 121.3 |
| Dec. 1 | 98.9 | 91.3 | 198.6 | 122.9 | 79.8 | 80.1 | 100.3 | 115.2 | 126.0 |
| Jan. 1, 1935 | 94.4 | 87.4 | 181.3 | 119.1 | 78.6 | 76.2 | 87.9 | 115.2 | 130.6 |
| Feb .1 | 94.6 | 90.1 | 183.4 | 120.3 | 77.8 | 76.2 | 87.2 | 111.9 | 116.6 |
| Mar. 1 | 96.4 | 92.7 | 166.9 | 118.8 | 77.5 | 76.5 | 94.2 | 111.7 | 116.7 |
| Apr. 1 | 93.4 | 93.9 | 104.3 | 117.7 | 77.7 | 76.3 | 80.2 | 111.4 | 117.4 |
| May 1 | 95.2 | 95.6 | 93.9 | 116.2 | 77.5 | 80.1 | 84.7 | 116.4 | 119.3 |
| June 1 | 97.6 | 98.4 | 96.0 | 119.2 | 79.2 | 79.9 | 89.5 | 118.5 | 119.9 |
| July 1 | 99.5 | 98.5 | 82.2 | 121.5 | 80.8 | 82.7 | 101.1 | 123.6 | 122.1 |
| Aug. 1 | 101.1 | 99.8 | 79.0 | 125.2 | 81.6 | 85.4 | 104.7 | 127.9 | 120.7 |
| Sept. 1 | 102.7 | 100.8 | 77.7 | 128.6 | 82.1 | 85.8 | 110.9 | 127.8 | 121.8 |
| Oct. 1 | 106.1 | 103.3 | 115.8 | 129.5 | 82.1 | 86.4 | 117.4 | 120.5 | 123.8 |
| Not. 1 | 107.7 | 103.5 | 158.4 | 132.5 | 81.4 | 84.5 | 119.9 | 117.1 | 124.5 |
| Dec. I | 104.6 | 101.4 | 183.5 | 131.1 | 31.0 | 84.0 | 95.9 | 116.3 | 131. 1 |
| Jan. 1, 1936 | 99.1 | 96.8 | 183.4 | 129.9 | 79.3 | 77.9 | 74.8 | 118.0 | 135.9 |
| Teb. 1 | 98.4 | 98.5 | 173.1 | 129.4 | 77.2 | 78.2 | 74.4 | 116.4 | 121.6 |
| Mar. 1 | 98.9 | 99.5 | 147.0 | 129.1 | 77.7 | 78.9 | 78.2 | 117.5 | 123.1 |
| Apr. 1 | 97.4 | 101.1 | 102.6 | 128.2 | 77.7 | 78.5 | 71.8 | 118.5 | 121.0 |
| May 1 | 99.5 | 102.7 | 88.6 | 127.4 | 78.4 | 82.8 | 79.4 | 120.4 | 123.3 |
| June 1 | 102.0 | 103.4 | 94.1 | 132.1 | 80.0 | 85.4 | 87.0 | 123.0 | 127. 2 |
| July 1 | 104.6 | 104.7 | 93.4 | 134.1 | 82.4 | 87.1 | 97.4 | 131.7 | 127.3 |
| Aug. 1 | 105.6 | 104.9 | 85.0 | 237.9 | 84.1 | 88.7 | 102.9 | 135.8 | 126.3 |
| Sept. 1 | 107.1 | 105.9 | 82.7 | 140.2 | 86.0 | 89.4 | 109.0 | 137.5 | 126.3 |
| Oct. 1 | 110.1 | 109.0 | 141.7 | 147.9 | 84.6 | 88.3 | 103.9 | 127.4 | 129.6 |
| Nov. 1 | 111.0 | 107.7 | 206.9 | 151.8 | 83.1 | 87.1 | 99.6 | 124.9 | 132.0 |
| Dec. 1 | 110.1 | 107.0 | 265.7 | 150.3 | 81.7 | 86.5 | 80.1 | 122.4 | 136.0 |
| Jan. 1, 1937 | 103.8 | 102.4 | 242.1 | 145.6 | 80.7 | 81.4 | 61.2 | 124.8 | 136.9 |
| Feb. 1 | 104.1 | 105.3 | 244.4 | 147.6 | 79.8 | 80.7 | 57.2 | 119.1 | 128.4 |

Relative Weight of Fmployment by Industries as at Feb. 1, 1937.

$$
\begin{array}{lllllllll}
100.0 & 54.0 & 7.1 & 6.9 & \mathbf{2 . 2} & 9.8 & 6.8 & 2.6 & 10.6
\end{array}
$$

Note: The "Relative Weight", as given just above, shows the proportion of employees In the indicated industry, to the total number of all employees reported in Canada by the firms making returns for the date under review.



Proportion of employees in indicated industry in an area to the total mumber of
employees reported in that area by the firms malking returns at the wate under rorien.
-11-
 Jities and Industries Montreal - Manufacturing Plant products - edible
Pulp and paper(chiefly printing) Textiles
Tobacco,distilled \& malt liquors
Iron and steel
Other manufactures
Communications
Transportation
Construction
Trade
Montreal - All Industries
Quebec - Manufacturing
Leather products
Other manufactures
Transportation
Construction
Quebec - All Industries
Toronto - Manufacturing
Plant products - edible
Printing and publishing
Textiles
Iron and steel
Other manufactures
Communications
Transportation
Construction
Trade
Toronto - All Industries
Ottawa - Nanufacturing
Lumber products
pulp and paper
Other manufactures
Construction
Trade
Ottawa - All Industries
Hamilton - Manufacturing Textiles
Electrical apparatus
Iron and steel
Other manufactures
Construction
Trade
Hamilton - All Industries
Windsor - Manufacturing
Iron and steel
Other manufactures
Construction
Windsor - All Industries
Winnipeg- Manufacturing
Animal products - odible
Printing and publishing
Textiles
Iron and steel
Other manufactures
Transportation
Construction
Trade
Winnipeg - All Industries
Sancouver- Manufacturing
Lumber products
Other manufactures
Communications
Transportation
Construction
Services
Trade
Vancouver - All Industrios

1) Proportion of employees in indscated industry within a city to the total number
of employees reported in that city by the firms making returns.
