## CANADA <br> DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS
GENERAL STATISTICS BRANCII

ANNUAL REVIEW of

EMPLOYMENT

in
CANADA
1928

Note: The base used in computing the index number of employment being now changed from January 1920 to the 1926 average employment as 100 , the indexes here presented have been recalculated upon the new base 80 as to provide continuous comparisons with future reports throughout.

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OTTAWA


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## general statistics branch

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A IT UALREVI世WOFEMPLOYMENTINOANADA,1928.
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The employment situation throughout Canada ras decidedly more favourable in 1223 ti:an in any other year of the reoord, nearly all localities and industries sharing in the general improvement. From early in January until the first of August there was almost uninterrupted expansion on a larger scale than in other years for which data are available. The upward movement, which carried the curve of employment to a level many points higher than in any of the eight preceding years, resulted in a gain between January and August of cver 170,000 persons in the staffs of the firms co-operating with the Dominion Bureau of Statistics; this number was considerably greater than in the same period of any other year of the record. In 1928, the most pronounced gains were regis tered at the beginning of May, June and July, as is usually the case, but the advances made at the first of August were only slightly less extensive than in July. During the next two menths, small declines were shown, followed by a slight increase in activity on Nov. 1, but the customary curtailment took place at the begiming of December. Anployment, however, continued in much greater volume than on the same date in any other Year sinco these statistics were instituted in 1920.

The chart on the opposite page illustrates the course of employment in Canada sirice the beginning of 1921; the favourable trend indicated during the greater part of $19: 8$ is shown, as is the fact that on Dec. I, the curve of employment was still at a considerably higher level than in any mont:. of the years, 1921-1927.

The Dominion Bureau of Statistics tabulated payroll data from some 6,400 firms who employed a monthly average of 928,580 workers during 1928, their staffs varying between 825,736 on Jan. 1 and $1,003,085$ at the beginning of August. The index, calculatod unon the average for the calendar year 1926 as 100 , reached its peak for the year in that month, standing at 119.3, which is the maximum so far recorded. In 1927, the peak was 111.0 on sept. 1. The index averaged 111.6 during the year under reviem, as comm parce with 104.6 in 1927. $99.6^{1 /}$ in 1926, 93.6 in 1925, 93.4 in 1924, 95.8 in 1923, 89.0 in 1922 and 88.8 in 1921.

As in 1927 and 1926, an outstanding feature of the situation during 1928 was tine marked expansion in construction, in which the numbor of morkers covered by these statistics considerably more than doubled betreen February and August. Manufacturing showed consistent gains for many montins, affording much more employment than in earlier yonrs of the record. Transportation, mining, logging, servicos, commuications and trade more all much more active than in precoding years; in practically all of these, mploynent attained the peak sc far reacined in this record.

## EMPIO MENT BY ICONOMIC AREAS.

Firms in all provinces reporter, augmented employment during 1928 as compared With 1927. The index, based upon the 1926 average as 100 , was higher in the Prairie Provinces and Ontario than elsewhere, these two areas indicating the most proncunced imprevement over the preceding year.

Maritime Provinces. - In the early part of 1928, employment in the Maritime Provinces showed the customary decrease, succeeded by six months of expansion. From the beginning of August until the end of the year, however, curtailment was noted, but this was generally less than in the same months in 1927. The index number averaged 106.6, as compared with 103.7 in the preceding year; activity was greater in 1928 than in any other year of the record, the jrevious high level in emplogment having beon in 1923, whon the index averaged 105,7. Manufacturing, as a whole, afforded a greater volume of employment than in the preceding year. The textile industries rere comparstivcly dull throughout 1928; lumber, pulp and paper and iron and steel, however,

1/ As the average for the calendar year 1926, including figures up to Doc. 31, 1926, is the basc used in computing these indexes, the average for the 12 months, Jan. I Dec. 1, 1926, generally shoms a sligit variation from 100 .
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whow a nuci more favourable situation, the activity in the last named being particularly noteworthy both in its local effect and as an indication of generally improved conditions in industry. During part of 1928, and espedally towards the latter end, transportation afforded rather more employment than it 192才, but the average was slightly smaller. Construction was considerably brisker tinccughout the year, and continuation of work on several important projects forecasts further improvement during 1929. Services, communications and trade registered a higher level of employment than in any othor year of the record. The aggregate payrolls of the reporting firms in the Maritime Provinces averaged 70,772 persons, as compared with 68,593 in the preceding year.

Qucbec.- Fmployment in Quebec showed rather less fluctuation than in 1927, the trend being more uniformly upward, while the situation each month was more favourable than in the correspending month in any of the last seven years. From the low point of 99.2 on Apr. 1, the index rose to 115.7 at its peak on Sept. 1 , while at the beginning of December it was 112.6 , or 13 points higher than on Jan. I. The labour forces of the 1,400 co-operating employers varied between 233,765 and 279,369 workers on the dates of minimum and maximum activity, respectively, averaging 258.058 for the twelve months. The mean index was 108.3, as compared with 104.0 in the preceding year. Manufacturing as a whole was much brisker in every month of 1928 than in the same month of other years for which data are available. Pulp and paper, textiles, iron and steel, and other manufactures recorded a materially larger volurne of employment than in the preccding year, while rather greater activity was indicated, on the whole in lumber factories. With the commencemt of development work in the nowly prospect arcas of Qucbec, employment in this industry has gained very considerably, though not so extensively as may be expected when operations are more fully established. Communications, serbices, transportation and trade wore all decidedly more active than in 1927; construction, during the greater part of 1928, afforded less employment than in the proceding yoar, the index averaging slightly lower; this was mainly due to the completion of various important industrial undertakings in which oroduction was thus anabled to commence. Amployment in logging camps was in much greator volume than in almost any other yeat of the record, forecasting an active season in 1929 in sar and pulp and paper mills.

Ontaric.- Almost uninterruptod improvement was noted from the first of the year until Ncv. I, the longest period of expansion indicated since 1920, which brought the index at the beginning of Nevember to l21. 8 , the highest in the record. An average staff of 328,995 employees was registered by the firms furnishing data in Ontario, as compared with the mean of 355,222 in 1927; the index averaged 113.8 in 1928, or 8.2 points higher than in the preceding year. Manufactures consistently reported a better situation, the index being higher in every month than on the same date in 1927, and alsc averaging slightly higher than that for manufacturing in Canada as a whole. Mmployment in iron and steel, pulp and paper, food, electrical apparatus, rubber, building material, non-ferrous metal, lumber, textile and other factories showed decided improvement over the preceding year. The advances in iron and steel products were particularly vignificant. All divisions of this industry shared in the upward movement, but the Geins in autcmobile factories were especially noteworthy; during 1927, curtailment of production in a large motor plant pending the issue of the nem model greatly affected the group as a whole, although other factories reported a high level of employment. In 1928, however, general and marked activity revailed. Operations in logging camps showed an increase; mining, communcations, transportation, construction and maintenance, services and trade employed considerably larger payrolls, the improvement in construction being especially pronounced in this province.

Prairie Provinces.- Important expansion was indicated in the Prairie Provinces during the summer months; the payrolls of the employers furnishing data averaged 130,062 persons during the year and the index, 117.9, while in 1927 an average payroll of 112,877 workers, and a mean index of 105.3 were recorded. The level of employment in manufacturing, logging, mining, communications, transportation, construction and maintenance, sertices and trade was much higher in 1928 than in 1927, when the situation generally was better than in 1926 and 1925. Within the manufacturing group, tinere were importent gains in the lumber, pulp and paper, iron and steel and other industries. Construction work on the railroads in association with the development of the northern parts of theso provinces, was maintained at a high level during 1928, and highway and builcing construction were also brisk.

British Columbia.- The firms reporting in British Columbia cmployed an average working force of 80,692 employees, while in tire preceding year the mean was 75,898 . The index averaged 106.4, the highest on record, as compared with 101.1 in 1927. At the ond of the year, employment was some 15 points iigher than at the beginning. Tithin the manufacturing division, iron and steel, non forrous metals and scme other groups showed heightened activity, while lumber and pulp and baper plants reported very little change on the whole. Logging, mining, comnunications, transportation, construction,

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scrvices and trade were much busier during the greater part of 1928 than in 1927. The improvement in logeing is important, as this and the lumbering group have been quiet in recent years.

Index numbers by economic areas since 1921 are shown in Table l, while the course of employment in these areas during 1927 and 1928 is depicted in Chart 3; the curves arc based upon the indexe ventable 1.

## HMPIOMMENT BY CIIIES.

Montreal.- The staffs of the Montreal firms making returns averagod 125,545 persons, as compared with an average of 115,874 on the payrolls of the employers reporting in 1927; the mean index, at 108.2, was over five points higher than that for the preceding year. Steady increases were indicated from early in January until October, When there was a small decline, but the upward movement was then resumed until Dec. 1 , Then the customary contraction was indicated. Manufacturing as a whole reported marked gains, especially in printing and publishing, tobacco, distilled and malt liquor and iron and steel plants; on the other hand, edible plant and textile factories rogistered a slightly lower avorage of cmiloyment. Cormunications, transportation, construction and trade genorally shored a much better situation than in 1927 or any other year of the record.

Quebec. - Considerable fluctuations were indicated in Quebec, but the index averaged higher than in earlier ycars of the record. From the lom point of 106.3 on Nar. 1, it rose to its maximum of 132.7 on Sept. 1. At the beginning of December conditions were better than in the same month of other years for which statistics are available. The staffs of the employers furnishing data averaged 11,028 and the index, 119.9 in 1928, compared with means of 10,202 and 111.3 in 1927. Manufacturing and transportation were active; within the first-named, general improvement mas noted. In construction, however, mployment was in smaller volume, owing to the completion of several large contracts for industrial buildings in which production was thus chabled to begin.

Tcronto.- Employment at the begianing of 1928 showed the usual pronounced curtailment, the losses being rather more extensive than in the same period of the preceding year. From February on, however, the trend was uninterruptedly uprard, the index, which rose from 105.1 on Jan. 1 to 120.5 on Dec. 1 , averaging 112.1 as against 105.7 in 1927. The number of employees of tho co-vperating firms during 1928 averaged 111,992, Thile in the year before the mean was 102,916 . Within the manufacturing group, focd, iron and steel, printing and publishing and other plants rocorded marked gains, and in textiles there was practically no general change. Transportation, construction and trade were decidedly more active, while communcations afforded rather less enploymont.

Ottawa. Manufacturing on the whole recorded a better situation than in the proceding year, Iumber, pulp and paper and other plants affording heightened employment, while gains were also shown in construction and trade, those in the former boing cspecially noteworthy. A mcan payroll of 11,995 workers was reported by the employers furnishing data, and the index averaged l15.6, as compared with 10,773 employees and an average index of 107.7 in 1927.

Familton.- Improvement was noted in Hamilton durine the greater part of 1928 , the indox, at 127.1 on Dec. 1, being at its maximum for the recurd, which was begun in 1922. Munufacturing, generally, was considerably brisker; the elcctrical apparatus ard iron and stcel industries maintained a nieher level of employment than in the preceding year, but textiles were rather slacker. Construction and trade mere more active, ospecially pronounced advances being indicated in the latter. The co-operating firms reported an average working force of 31,799 persons, while in the preceding year the everasc was 29,751. The mean index was 114.0, nearly eleven points higher than in 1927.

Windsor and the Adjacent Border Cities.- The index number of employment in the Border Cities averaged 137.3 and the recorded payrolls averaged 16,447 vorkers in 1928, compared with 86.2 and 9.654 , respoctivoly, in the preceding year. Enployment in the automobile industry was extremely active following the curtailmont of production in a large plant which affected the general situation durine most of 1927. Other branches of manufactures registered expansion, and construction was also busier.

Tinnipe.- The situation in Tinipee was more favourable durince every menth of 1928 than in the corresponding month of the precoding year. The mean index of apployment for the year was 110.1, compared with 104.1 in 1927. Nanufacturing: in practically all branches, mas much bris'ter, as were transportation and trade, while construction Elso reported a slightly higher level of employmont. An averaec stuff


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of 30,882 was recorded b\% the fir whose data were receivea, an increase of more than 2,500 over the 1927 mean.

Vancouver:- intivions in Vancouver, on the whole, were better, the index averaging $\overline{104.3}$ as comprau with 100.7 in the preceding year, while the pay lists covered - averaged 26,682 veiscns as agaiugt 25,298 $\div$ n 1927. An upward movement was shown in manufactur: as a rhoie du"irs lg2s as comparcd with the preceding year; improvement was recorded in animal $f 00 C^{\circ}$ inon and steel, pulp and paper, textile and electric current factories out ilis wes partiv offset by losses in the lumber industries. Communcations, iransporiation construciion, services and trade wero decidedly more act:re.

Index numbers by cities are given in Table 2 , while Chart 4 illustrates the fluctuations of employment in the larger industrial centres since 1927, the curves being beased upon the figures given in Table 2.

## WIP: YTHIT BY INOUSTRIES.

Nravtacturifer
A stead advance in manufacturing was an important factor in the gemorai improrement : egistered in 1928, when activity in this division was greater than in any other year since 1920; on Dec. 1, the index, at 113.4, ws, in fact, higher than in any month of the years, 1921-1.927. Statistics were received from some 3,950 marufacturers employing, on the average, 508,452 cperatives, as compared with 472,286 in 1927, while the mean index, standing at 110.1, compared satisfactorily with an average of $1 C 3.4$ in the preceding year. The payrolls rose from 123 cmploye . c in each establishment during 1927, to $l \because$ in 1928. Practically all branches of manufacturing shared in the generally favourable movement. Especially noteworthy were the gains in the iron and steel, puly and paper, rubber, lumber and textile groups, which together mploy a large proportion of the workers engaged in manufacturing processes. Although the usual heavy losses incidental to the holiday and inventory season will have reduced mployment to a considcrable exten土 on Jan. 1,1929 , it may be expected that the upward trend will soon be resumed.

Animal Products Kiviven mployment in this division during 1927 was better than in any previous year of tie record, and further improvement was noted in 1928. Fish and meat peceserving plants and dairies registered marked activity. Tho payrclls cf the reporting empioyers averased 17,365 persons, paryiag between 14,782 on Mar. 1 and 19,453 at the beginnirg of septemher. The mean index was 111.2 , compared with 1 C6. 9 in 1927.

Leather and Products:. Boot and shoe and other loather-using factories, on tho whole, afforded rather less employment than in the preceding year; an average working forco of 17,390 cmployees was recorced by the co-operating establishments, and the mean index was 100.7 , as compared with 103.1 in 1927.

Lumber Productse Lie seasonal movenents always indicated in lumber works caused the usual fluctuations during $192 \varepsilon_{\text {s }}$ wher emplcyment was generally brisker than in 1927. Bteady geins between Teb. I anc Arg: ? Fere slicceeded by consistent lossos during the lattor part of the year. The payrcils of tine firms furnishing data ranged between 38,413 persons at the beginning of January, and 60.522 on Aug. 1 , averaging 51,185 in the 12 montis, as compared wi*i the 2927 mean of 43,910 . The average index, standing at 102.8 , was several points above the mean for the oreceding year: it was also higher than in earlior years of the record. Rough and dressed lumber mills recorded a larger volum of cmployment than in 1927, and improvement in that comparison was also noted in furniture and other lumber factories.

Musical Instruments:. Activity in musical instrument factories was rather more pronounced than in 192\%, accorcing to statelonts from scme 40 firms mose staffs averaged 3.141. The mean inder stood at 301. it in 1928, compared with 100.5 in the preceding year. Considorable improveinent mas insicuted during the last quarter of 1928. The production of radio apparatus is not inclnjei in this industrial group, which has undoubtedly becu affected by the markec. ect: $\boldsymbol{F}^{*}$ ?ecentiy prevailing in that line.

Plant Products, FjiDlen Enployment in vegetalle food factories on the whole mas better in 1928 ihar in inc meceing year. The biscuit and confectionory industrios roported greater acu-vijo canren..es affordod more omploymer: than in 1927, and flour and coreal mills were aino budion. On tile oher and, sugar and syrup refinerios indicated. curtailnent. An aversige working force of 25,158 persons was registerod by the reporting establishments, in whick ihz rave: of operatives ranged between 23,792 on Jan. 1 and 33, 262 at the begimning of ucinur. The mean general index of 103.2 in 1928 compares favourably with the 1927 averase of 101 oi.

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PuIp and Paper.- Contimued development of the pulp and paper industry caused considerable increases in eriployment, which was at/higher level in 1928 than in any other of the nine years for which records are available. The reported staffs averaged 62,052 employees and the index 103.8, as compared with 58,581 and 105.2 , respectively, in 1927. Despite the general talk of over-production of pulp and paoer, much of the improvement registered last year was in such mills; printing and publishing and other - industries coming under this heading, however, were also busier.

Rubber moductss. There was almost continuous expansion in rubber factories during the year under review, when the reported fluctuations were rather less marked than in 1927. Fmployment continued in greater volume than in any other year of the record. The mean index in 1923 was $1288_{0} 7$, compared with 112,8 in the preceding year. Footwear, tire and otlier ruiber factories were active in Quebec and Ontario. The payrolls of the plants supplying information averaged 16,206 , ranging between 14,522 workers on Jan. I, and 18,453 at the begimning of November; in 1927, the reported staifs averaged 14,075.

Textile Products.- Poployment in the textile industries showed rather differ ent fluctuations than in 2927, but improvement was indicated during eight months of the year, while in the preceding year there were gains in only seven months; the index averaged $105 . \%$ as compared with 104.1 in 1927. As average staff of 75,371 employees was reported by the co-operating manufacturers, while in the preceding year the msan was 74,740 . The hosiery and knit goods, garment and personal furnishings and other textile groups were decidedly busier during the year, while employment in thread, yarn and cloth factories was, on the whole, in smaller volume.

Tobacco, Distilled and Malt Liquors.- Statements were compiled from over 130 firms, whose norking forces averaged 14,417 per sons, varying between 12,859 on Jan. 1 and 15,387 at the beginning of December. The mean index of 109.3 in 1928 was nearly three points higher than in 1927. Tobacco factories and breweries were active during the year under revien.

Chemical and Allied Products.- A higher level of employment than in previous years of the record was ineicated in this group during 1928, when the index averaged 110.5 as compared with 103.2 in 1927. An average payroll of 7,183 workers was registered by the employers whose statistics were tabulated, as against the 1927 moan of 6,656 .

Clay, Glass and Stone Productso- Improvement was reported during eight months in 1928, when employment was in greater volume than in any other year of the record. The index number averaged 111.4: Thile in 1927 it was 102.7. The marked activity in building during 1928 is reflected in the personnel of building material factories, 125 of which reported an average working force of 11,103 per sons. At the maximum, the number employed was $12,459$.

Electric Current. - The number employed in electric current works was greater than in any other of the last nine years; the index averaged 118.3, as compared with 106.8 during 1927, the previous high level of the record. The aggregate staffs of the comoperating producers averaged 24,07 during 1928, while the average number on the payrolls of the individual firms making returns was 258 , compared will. 143 in the preceding year.

Mnectrical Apparatus- Enployment in this division, which includes the manufacture of radios and cquioment, was in greater volume during 1928 than in any other year of the record. The reportca payrolls included, on the average, 11.912 workers and the mean index was 117.9, as compared with 10,631 and 107.6, respectively, in 1927.

Iron and Steel Productse- Improvement in the general situation was noted during 1928, the average index, 113.0, being about 12 points above the 1927 mean, which in turn was higher than in other years of the record, including 1923, the previous maximum. Gains mere shown in ail branches of the group, those in vehicle factories being particularly notemorthy. The resumption of large-scale operations in an important automobile plant whare prow....... was seriously curtailed in 1927 oring to a chinge in model, contributed considerably to this improvement, but other factories of the same kind, as well as locomotive and other vehicle works, mere also active in 1928. The aggregate working forces of some 665 manufacturers of iron and steel products during 1928 , averaged 143,013 persuns, while in 1927 the mean was 126,920 and in 1926 it was 123,748; the average payroll in the year under review was 215 workers, or 17 more than in the preceding year.

Non-Ferrous Metal Products.- Fmloyment in this division increased during practically the whole of the year under review, wher activity was greater than in any other since 1920. The inder averaged 19.7 and the reported employees, 17,705, compared with 110.1 a: 16,251, respectively, in 1927.

Minaral Products.- Bmployment in non-metallic mineral product plants was much brisker, the index standing at 120.5, as compared with 102.8 in 1927. Statements were received from over 75 firms with an average staff of 11,439 persons. The gas, petroleum and other divisions of this classification maintained a good volume of employment.

Other Manufacturing Industries- Fur factorles showed a slightly lēss favourable situation than in the preceding year, while the production of wood distillates and extracts and of miscellaneous manufactured products increased.

## IOGGING.

Logging camps, on the whole, reported greater activity than in 1927; in fact, the index averaged higher than in any other year for which data are available. The working force of the firms supplying information averaged 27,518 men and the index number 114.5 in 1928; in 1927, the mean index was 109.3 and the average payroll 25.538. The practice, constantly gaining in popularity, of the larger operators doing their cutting through small contractors and local settlers in the northern reaches makes it increasingly difficult to collect current statistics on omployment. As usual, the greatest variation in logging was in Ontario and Quebec, while in British Columbia a rather more constant volume of employment was afforded.

## MINIMG.

There were losses in employment in mining during the first part of 1928 , followed by a series of advances lasting until the beginning of December, when slight declines were indicated; the gains during this period of expansion resulted in a better situation than in any other year of the record. The index averaged 114.4, compared with 107.0 in 1927. In cotl-mining, conditions were slightly better than in 1927, employment being more active, especially towards the close of the year. The mean indox was 106.4 , as compared with 105.5 In 1927, while the labour force of the comperating operators atereged 27,054 workers. In metallic ores, the level of employment was decidedly higher, the index, at 116.6 . averaging some firs pointa more than in 1927. The staffs of the reporting firms averaged 14,312 during the yoar under review. When the operations planned in the nowly prospected areas are established, employment in metallic ore mines may be expected to show important advances. Nonmetalilc minerals (other than coal) registered greatiy increased employment, an upward movement being recorded during most of the year. The index averaged 123.8, as against 106.3 in the preceding year; a mean payroll of 7.876 persons was employed by the co-operating firms. Quarries, asbestos mines and other divisions coming under this heading reported considerable activity.

## COL:UNICATIONS.

Telegraphs and telephones showed further substantial advances during 1928; the index averaged 108.2, or over four points higher than in 1927, the previous high level of this record. The persomel of the companies furnishing data averaged 26,187 employees, of whom some $78 \mathrm{p} . \mathrm{c}$. were engaged on telephones. The iraprovement during 1928 was general throughout the Dominion.

## TRANSPORTATION.

Heavy seasonal losses were shown in the first three months of 1928, after Which the tendency was uninterruptedly favourable until the close of the year, resulting in the maximum employment so far reached in this record. The index averaged 105.9, as compared with 102.5 in 1927. The transportation companies whose returns were tabulated, employed, on the average, 118,759 workers, or between 13 and $14 \mathrm{p} . \mathrm{c}$. of the total number covered by the statistics throughout the Dominion. In the steam railway division, improvement was indicated over all other years for which data are avallable. The index averaged 106.3 in 1928 , or nearly four points higher than in 1927; at its peak on Not. I it stood at ll2.6, which was the highest point reached. An average working force of 83.337 employees was recorded in steam railway operation. Street railways and cartage, reporting an average payroll of 21,912 persons, were generaily more active, the index averaging 111.7, compared with 103.2 in 1927. Fmpioyment in shipping and stevedoring was not so brisk as in 1927; the mean index was 96.4, while the reportod staffs averaged 13,510 , varying between 10,035 persons on Jano 1 , and 15,814 at the beginning of December. In the preceding year, the mean index พละ 101.5.

## COISTRUCTION AND MAINTRNANCE.

Very pronounced expansion was indicated by the construction industries in 1928; during the pericd of most marked activity, from Mar. I to Aug. I, over 90,000 workers were added to the forces of the cc-operating contractors, whose payrolis
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averaged 106,901 during the 12 monthe, varying between 63,451 on War. 1 , and 154,199 at the beginning of August. The general index for this group averaged 118.8 compared with 109.0 in 1927, the previous high level of this record. Building construction gained steadily from Mar, 1 to Sept. 1 , but was comparatively brisk in every moith. A mean index of 112.0 in 1923 compared favourably with that of 108.7 in the preceding year.

- The average number of persons employed by the reporting contractors was 40,067. As already mentioned in the case of logging, there is a growing tendency on the part of the larger contractors to sub-let their contracts by trades to sub-contractors, who usually employ a comparatively small number of workers. When they have less than 15 employees, they are not asked to furnish data on employment, so that the number amployed in building is probably considerably in excess of that covered in these statistics. Road construction reported many additions to staffs during the summer, when the number amployed was higher than in any other of the last nine years. The payrolls registered averaged 20,686 workers, and ranged betweon 6,014 on Apr. 1 and 38,546 at the beginning of August. In many districts, this work is supplementary to the occupations ordinarily followed by nearby residents, particularly agriculturists during slack periods on their farms. Fmployment in railway construction, (in which the working forces covered averaged $46,148 \mathrm{men}$ ) attained a greater volume than in any other year of the record. The index averaged 116.7, while in 1927 the mean was 101.6. As usual, a large share of this work was performed in the Prairie Provinces, which in 1928 reported nearly 41 p.c. of the total number engaged in rallway construction, compared with $35 \mathrm{p} . \mathrm{c}$. in 1927.


## SERVICES.

Statements were received monthly from some 180 firms in this division, whose employees averaged 17,718. Steady gains were noted fron January to September, succeeded by seasonal declines until the end of the year. Employment in hotels and restaurants was a very active during 1928, partly as a result of the extensive tourist trade, while improvement was also shown in other divisions. The index number averaged 118.1, as against 106.2 in 1927; this was considerably better than in any other year of the record.

## TRADE.

mployment in trade was decidedly more favourable than in previous years of the record, the index number being higher in each month of 1928 than in the corresponding month of any other of the last nine years. Both retail and wholesale trading establishments shared in the gains, which were fairly well distributed over the country. There was almost uninterrupteu axpansion from March unti? the end of the year. The payrolls of the co-operating firms averaged 73,811 per'sons, and the inded 116.1 , compared with 63,971 and 107.4 , respectively, in 1927. In recent years, a growing tendency has been in evidence in this group for the larger stores and the chain organizations to absorb small businesses which would not otherwise have been representel in these statistics, but it is also true that a general and healthy gronth has characterized trade; this is specially significant as an indication of general improvement in the industrial life of carada.

## TABIES SHOWING EMPIOYMFNT BY INDUSTRIES.

Table 3 gives the index numbers of employment by main industrial divisions since 1921, while the trend of employment during the years 1924 m 28 in some 60 industries is shown in Table 4. The columns headed "relative weight" indicate the proporm tion that the number of employees in the indicated induetry is of the total number of cmployees reported in Canada by the firms makitg returns on June 1 and Dect 1 of the indicated years. Chart 5 shows the course of employment in some of the important industries since 1926; the curves a based upon the indexes given in Table 3.

## TABLE 1 . - INDE: NUMBERS OT EMPIONGNI BY BCOIOMIC AREAS

Note:- These indexes are recalculated upon the average for the calendar year 1926 as 100 . The relative weight shows the proportion of employees in the indicated area to the total number of employees reported in Canada by the firms making returns on the date indicated.

1921

| Jan. | 1 |
| :--- | :--- |
| Feb. | 1 |
| Mar. | 1 |
| Apr. | 1 |
| May | 1 |
| June | 1 |
| July | 1 |
| Aug. | 1 |
| Sept. | 1 |
| Oct. | 1 |
| Nov. | 1 |
| Dec. | 1 |

Average 1921
Relative Weight


Prairie Provizees 95.0
93.0 90.4 88.1 86.0 90.5
94.0 94.0 96.8 99.3 101.9
94.9
90.5
94.0
at Dec. 1, 1921.
$\begin{array}{ll}\text { Rmployment by Districts } \\ 9.1 & 26.0\end{array}$ $9.1 \quad 26.0$

British Columbia
76.7
77.4
77.4 77.5 78.2 82.8 82.2
85.4
$84.8 \quad 8$
89.8
91.3
88.3
88.8

## 1922



| 101.8 | 79.6 |
| :--- | :--- |
| 101.4 | 83.6 |
| 101.7 | 83.8 |

TABIE I.- INDEX NTNESRS OP ENPLOMENT BY ECONOMIC AREAS - COncluded.
Note: These indexes are recalculated upon the averages for the calendar year 1926 as 100. The relative weight shows the proportion of employees reported in the indicated area to the total number of emplcyees reperted in Canada by the firms making returns on the date indicated.


TABLE 2．－INDEX NU BERS OI ENPTO NATM BY PRINCTPAL CTTITS．
Note：Thess indexes are ．ecalculated upor the average for the calendar year 1926 as 100．The＂relative weight＂shows the proportion of employees reported in the in dicated city to the total umber of eranloyees reported in Canada by the firms making returns on the date indicated．



| Jan． 1 | 80.9 | － | 93.6 | 100.5 | 90.5 | － | 94.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Zeb． 1 | 87.3 | － | 95.9 | 101.9 | 85.8 | － | 91.1 |
| liar． 1 | 87.0 | － | 9\％\％ 7 | 98.2 | 95.9 | － | 88.4 |
| Apr． | 84.4 | － | 95.5 | 95.5 | 93.0 | － | 87.7 |
| May 1 | 90.0 | － | 97.4 | 101．0 | 97.5 | － | 88.3 |
| June | 95.5 | ．． | 30． 3 | 116.7 | 99.6 | － | 89.2 |
| July | 97.1 | － | 98.9 | 127.4 | 96．？ | － | 80.8 |
| Aug． 1 | 98.5 | － | 98.4 | 126.4 | 98．2 | － | 93.1 |
| Sept． 1 | 9.9 | － | 99.0 | 114.5 | 97.1 | － | 92.0 |
| Oct． 1 | 100.0 | － | 99.6 | 112.4 | 95.9 | － | 91.5 |
| Nov． 1 | 100.4 | － | 99．2 | 310.5 | 94， 4 | － | 90.7 |
| Dec． 1 | 94.3 | － | －9．？ | 100.4 | 93．1 | － | 90.3 |
| Average 1923 | 92.7 | － | 98.0 | 107．2 | g 4.6 | － | 90.6 |

Relative Weight of Employment by Cities as at Dec．I，1923．


| Jan． 1 | 87.4 | － | 94.5 | 97.0 | 33.2 | － | 87.3 | 78.9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Feb． 1 | 88.2 | － | 93.6 | 95.5 | 28．7 | － | 85.7 | 73.9 |
| Nar． 1 | 88.9 | － | 93.4 | 95.1 | 87.5 | ．． | 85.8 | 81.5 |
| Apr． 1 | 91.3 | － | 93.7 | 96.8 | 59.7 | － | 84． 2 | 86.4 |
| May | 93.5 | － | 94.5 | 104.7 | 90.9 | － | 84.9 | 88． 5 |
| June 1 | 97．＇t | － | c 4.1 | 103.2 | 87.5 | $\cdots$ | 85.6 | 86，3 |
| July 1 | 96.0 | － | 92.7 | 105.9 | 86.0 | － | 87.6 | 55.8 |
| Aug． 1 | 95.3 |  | 92.7 | 108，2 | 85.7 | － | 87.5 | 83.6 |
| Sept． 1 | 94.1 | 97.5 | Cl4． 2 | 107.1 | 83.6 | － | 88.4 | 90.0 |
| Oct． 1 | 94.9 | 99.9 | 95．5 | 107.3 | 84， 6 | － | 88.1 | 90.0 |
| Nov． 1 | 93．6 | 101． 1 | 9h． 1 | 100.6 | 83.8 | － | 56.2 | 89.6 |
| Dec． 1 | 94.3 | 99.6 | 96．6 | 98.3 | 81.4 | － | 85.5 | 90.0 |
| Average 1924 | 93.0 | 99.6 | 91＋0 | 102． 3 | 56.0 | － | 86，5 | 86.2 |
| Relative | Te ！．ght | Ermplo | $13 t$ by | ities | Dec | 924． |  |  |
|  | 13.7 | 1.1 | 12．7 | 1.3 | 3.1 | － | 3.1 | 3.0 |
| 1925 |  |  |  |  |  |  |  |  |
| Jann 1 | 83.6 | 93.1 | 90.8 | 92． 3 | 51． 1 | － | 83.3 | 85.1 |
| Feb． 1 | 35.4 | 302.4 | 92.7 | 93.7 | 21．4 | － | 85.2 | 84.3 |
| Mar ． 1 | 87.3 | clts？ | cont | 92.2 | $31+3$ | － | 84.6 | 88.1 |
| Apr． 1 | 89.7 | $9 \mathrm{a}=5$ | S\％${ }^{(1)}$ | 93.2 | ぐ1． 5 | － | 85.7 | 88.7 |
| May 1 | 92.9 | 92.0 | 9 c 0 | 37.8 | 86.7 | － | 87.4 | 90.0 |
| June 1 | 96.8 | 96.6 | 25.5 | 255.6 | 38， 3 | $\stackrel{-}{\square}$ | 87.5 | 89.3 |
| July 1 | 96.9 | 100.0 | $0 \% 8$ | 107.0 | 90.5 | 26.8 | 87.6 | 92.2 |
| Aug． 1 | 98.2 | 00.9 | 06.9 | 105.7 | 区9．3 | 58.8 | 898 | 96.5 |
| Sept． 1 | 98.5 | －${ }^{\text {\％}}$ | 97， 5 | 204.3 | 9.5 | 85.3 | 90.1 | 93.6 |
| Oct． 1 | 100.7 | 201.4 | 39.2 | 203.4 | 92．9 | 94.4 | 91.5 | 93.6 |
| Nov． 1 | 100.6 | 100.5 | OC， 1 | 103，1 | 32.3 | 92.5 | 94.7 | 97.0 |
| Dec． 1 | 98.3 | 35.4 | 100.2 | 96.3 | 93.3 | 92.9 | 93.7 | 95.5 |
| Average 1925 | 94.2 | 97.9 | 55.7 | 100． | 88.0 | 85.1 | 88.5 | 92.0 |
| Relative | Weight | Emelo | $n t$ by | 1ites | $t \mathrm{Dec}$ | 1925. |  |  |
|  | 14.1 | 3.0 | 120！ |  |  | 1．3 | 3.3 | 3.1 |

$0$

TABLE 2. - INDEF NUNBERS OF DMPLOMNN BY PRINCIPAL CIIIBS - Concluded.
(Note:- These indexes are recal.culated upon the erages for the calendar year 1926 as 100. Tho relative weight shows the proportion of employees reported in the indicated city to the total number of employees reportoci in Canada by the firms making returns on the datc indicated.)

Montrcal Quebec Moronto Ottame Hamilton Mindsor Winnipeg Vancouvcr

|  |  | Montreal | Quebec | Loronto | Ottama | Hamil ton | Tindsor | Tinnipeg | Vancouver |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1926 |  |  |  |  |  |  |  |  |  |
| Jan. | 1 | 89.2 | 90.9 | 95.1 | 93.4 | 89.5 | 56.9 | 91.4 | 91.6 |
| Feb. | 1 | 89.5 | 21.6 | 95.6 | 92.7 | 91.5 | 95.7 | 91.9 | 92.7 |
| Mar. | 1 | 90.8 | 93.3 | 96.2 | 90.8 | 93.1 | 100.1 | 92.9 | 93.2 |
| Apr. | 1 | 94.3 | 96.0 | 06.9 | 92.1 | 95.1 | 102.4 | 92.8 | 9. 5 |
| May | 1 | 97.2 | 201.5 | 99.2 | 97.5 | 98.9 | 108.1 | 94.9 | 101.1 |
| June | 1 | 104.5 | 90.3 | 99.7 | 105.9 | $5 . .1$ | 111.1 | 99.2 | 99.7 |
| Juzy | 1 | 105.9 | 102.7 | 100.2 | 107.8 | 102.7 | 109.9 | 100.6 | 99.3 |
| Aug. | 1 | 106.2 | 105.4 | 100.6 | 105.8 | 104.0 | 107.3 | 101.0 | 107.2 |
| Sopt. | 1 | 106.0 | 104.6 | 102.0 | 105.0 | 105.6 | 108.8 | 104.0 | 107.5 |
| Oct. | 1 | 105.7 | 106.3 | 102.9 | 106.0 | 104.9 | 103.3 | 107.4 | 103.6 |
| Nov. | 1 | 104.7 | 1014.3 | 103.4 | 103.6 | 103.6 | 96.8 | 106.1 | 101.6 |
| Dec. |  | 101.9 | 10.3. 3 | 103.8 | 99.9 | 101.7 | 98.7 | 107.9 | 101.4 |
| Aver | age 19 | $6^{1 /} 99.7$ | 99.1 | 99.6 | 100.0 | 99.3 | 99.9 | 99.2 | 99.9 |
| Relative weight of employment by cities as at Dec. $1,1926$. |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| $\sqrt{\mathrm{Jan}_{0}}$ | 1 | 93.7 | 102.0 | 99.7 | 93.0 | 98.3 | 57.5 | 101.6 | 92.9 |
| Feb。 | 1 | 94.5 | 98.3 | 99.3 | 95.0 | 98.0 | 96.4 | 99.8 | 96.4 |
| Mar. | 1 | 95.8 | 99.9 | 99.6 | 96.0 | 99.1 | 102.4 | 99.4 | 99.1 |
|  | 1 | 98.0 | 102.6 | 102.5 | 98.1 | 101.4 | 77.1 | 98.6 | 99.4 |
|  | 1 | 101.9 | 105.3 | 105.3 | 108.5 | 102.5 | 99.1 | 99.5 | 101.4 |
| June | 1 | 104.5 | 11.0 .9 | 107.0 | 111.5 | 105.5 | 98.5 | 101.3 | 103.7 |
| July | 1 | 106.3 | 114.0 | 107.7 | 115.2 | 105.1 | 82.7 | 104.4 | 106.1 |
| Aug. | 1 | 106.2 | 116.7 | 107.8 | 117.7 | 107.1 | 85.8 | 106.0 | 104.6 |
| Sept. | 1 | 107.8 | 119.9 | 109.3 | 117.7 | 103.3 | 86.2 | 109.9 | 102.8 |
| Oct. | 1 | 108.6 | 121.8 | 23.0 .2 | 117.8 | 103.5 | 83.0 | 108.7 | 103.0 |
| Nov. | 1 | 109.4 | 123.9 | 109.5 | 113.1 | 1.06.3 | 81.4 | 108.2 | 99.7 |
| Dec. | 1 | 108.7 | 119.9 | 110.5 | 108.3 | 107.3 | 84.2 | 111.5 | 98.7 |
| Average 1927 |  | 7103.0 | III. 3 | 10:.7 | 207.7 | 103.1 | 86.2 | 104.1 | 100.7 |

Relative weight of employment by cities as at Dec. 1, 1927.

| 13.9 | 1.3 | 12.3 | 1.2 | 3.5 | 1.1 | 3.4 | 2.8 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| $\frac{1928}{\text { Jan }}$ | 98.6 | 109.3 | 105.1 | 105.1 | 96.8 | 83.1 | 109.2 | 94.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Feb. I | 100.3 | 110.9 | 105.4 | 105.6 | 102.7 | 88.8 | 102.1 | 95.7 |
| Mar. 1 | 101.0 | 106.3 | 166.4 | 105.2 | 101.7 | 103.4 | 101.9 | 99.0 |
| -pr. 1 | 101.8 | 107.9 | 107.7 | 105.6 | 103.0 | 124.9 | 103.9 | 100.5 |
| May 1 | 105.9 | 112. | 110.2 | 120.8 | 112.8 | 136.4 | 108.7 | 104.5 |
| June 1 | 109.7 | 117.0 | 112.7 | 128.4 | 217.3 | 147.3 | 110.7 | 107.4 |
| July 1 | 110.4 | 131.6 | 112.8 | 123.0 | 117.3 | 150.2 | 110.9 | 107.6 |
| $\therefore$ UE, I | 112.1 | 130.2 | 113.6 | 126.1 | 120.4 | 165.0 | 111.2 | 111.7 |
| Sept. I | 115.7 | 133.7 | 124.3 | 124.9 | 122.4 | 175.5 | 115.0 | 111.7 |
| Oct. I | 114.3 | 131.0 | 127.0 | 119.8 | 121.4 | 174.8 | 115.8 | 110,6 |
| Nov. I | 115.1 | 125.6 | 119.3 | 120.2 | 124.6 | 155.9 | 115.4 | 106.6 |
| Dec. 1 | 113.0 | 122.1 | 120.5 | 112.9 | 127. ? | 142.5 | 116.8 | 102.6 |
| Average 1928 | 108.2 | 119.9 | 112.1 | 115.6 | 114.0 | 137.3 | 110.1 | 104.3 |
| Relative weight of employment by cities as at Dec. I, 1928. |  |  |  |  |  |  |  |  |
|  | 13.4 | 1.1 | 12.3 | 1.2 | 3.5 | 1.8 | 3.4 | 2.7 |

1/ The average for the calendar year lo2Z, including figures up to Dec. 31, 1926, being the base use in computing these indores, the average indox here shown for the 12 montis, Jan. I - Dec. I, 1926, generally shows a slight variation from 100.

## TABLE 3.- INDEX NUMBERS OF EMPLOYIENT BY INDUSTRIES.

Note:- These indexes are recalculated upon the averases for the calendar year 1926 as 100. The relative weight shows the proportion of employees in the indicated industry to the total number of employees reported in Canada by the firms making returns on the date indicated.


| 84.8 | 159.9 | 104.9 | 90.5 | 95.1 | 63.1 | 78.9 | 99.6 | 88.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 91.8 | 170.2 | 100.2 | 89.9 | 93.5 | 61.4 | 78.7 | 91.8 | 91.2 |
| 91.6 | 147.7 | 97.1 | 89.4 | 88.5 | 5). 7 | 80.5 | 91.3 | 89.1 |
| 87.3 | 80.3 | 92.1 | 87.5 | 88.2 | 53.2 | 81.7 | 91.8 | 85.1 |
| 86.8 | 90.1 | 90.9 | 88.6 | 86.8 | 56.9 | 82.1 | 93.5 | 85.1 |
| 87.8 | 85.4 | 92.8 | 91.2 | 90.6 | 68.7 | 86.7 | 91.8 | 87.7 |
| 87.6 | 63.9 | 96.5 | 92.3 | 92.0 | 77.7 | 90.2 | 92.0 | 88.6 |
| 88.0 | 58.3 | 95.2 | 92.0 | 94.8 | 88.7 | 89.9 | 90.7 | 90.0 |
| 85.8 | 75.6 | 100.4 | 91.8 | 98.4 | 86.9 | 89.6 | 91.4 | 89.8 |
| 88.0 | 86.8 | 100.8 | 90.3 | 101.2 | 87.4 | 87.3 | 91.7 | 91.3 |
| 87.8 | 107.8 | 102.6 | 89.8 | 102.0 | 85.5 | 80.1 | 92.3 | 91.3 |
| 85.8 | 110.5 | 102.5 | 89.2 | 98.7 | 69.4 | 78.0 | 95.5 | 88.3 |
| 87.7 | 103.0 | 98.0 | 90.2 | 94.1 | 71.1 | 83.6 | 92.7 | 88.8 |
| of empl | ment b | Indus | -s | Dec. | 1921. |  |  |  |
| 55.4 | 2.8 | 6.5 | 3.2 | 15.4 | 7.7 | 1.3 | 7.7 | 100.0 |
| 74.4 | 107.4 | 97.3 | 86.9 | 91.6 | 56.7 | 77.6 | 96.1 | 78.8 |
| 79.0 | 111.0 | 93.8 | 82.2 | 89.6 | 49.0 | 76.6 | 89.6 | 79.9 |
| 84.5 | 98.9 | 94.5 | 83.6 | 89.7 | 51.3 | 77.7 | 87.5 | 82.9 |
| 84.4 | 49.1 | 93.0 | 84.4 | 89.4 | 49.9 | 79.1 | 87.9 | 81.8 |
| 85.5 | 66.8 | 94.4 | 86.13 | 91.1 | 62.0 | 79.9 | 89.4 | 84.3 |
| 91.1 | 67.7 | 96.9 | 86.5 | 98.1 | 79.4 | 83.8 | 89.3 | 90.3 |
| 91.1 | 56.7 | 98.7 | 86.5 | 100.8 | 96.6 | 87.2 | 90.0 | 92.2 |
| 92.9 | 50.4 | 100.6 | 88.6 | 103.0 | 103.9 | 87.5 | 89.4 | 94.2 |
| 93.6 | 65.9 | 101.6 | 88.8 | 103.3 | 100.3 | 8\%.7 | 90.1 | 94.8 |
| 93.8 | 76.0 | 105.8 | 88.3 | 105.3 | 102.0 | 85.2 | 91.2 | 95.8 |
| 94.9 | 119.1 | 109.3 | 87.8 | 105.9 | 94.0 | 80.7 | 93.1 | 97.0 |
| 94.9 | 152.9 | 107.5 | 87.2 | 106.5 | 75,2 | 79.9 | 96.2 | 96.3 |
| 88.3 | 35.1 | 99.5 | 86.4 | 97.8 | 76.7 | 81.9 | 90.8 | 89.0 |

Ig2l
Jan.
Feb.
Mar. I
Apr.
May
June
July
Aug.
Sept.
Oct.
Nov.
Dec.

LABLE 3. - INDE NUMBMRS OF EMPICSMMN BY INDUSTRIES- Concluded.
(Note: these indexes arerecalculate upon the averages for the calendar jear 1926 as 100. The relative weight showe jhe propostion co employees reporiech in the indicated industry to the total number of employees reported in Canada by the firms making returns on tiae date indicated).



Average 192699.6 Telative Teight of mployment by Incurtries as at Deco i, 1025


Relative Weight of mployment by Industries as at Dec. 1, 1927



1/ The average for the calendar year 1926, including figures up to Dec. 31, i.925, being the base used in computing these incexes, tlo average incex here given for the 12 months Jan. 1 - Dec. 1,1926 , geno: ally shows a slight variation from 100.

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TABLE 4.- INDEX NUMBERS OF E:APLOYMENI BY INUÜSTRIES, 1924-1928.
(Note:-These indexes are recalculated upon tiae average for the calendar year 1926 as 100 , The relative weight shows the proportion of mployees in the indicated industry to the total number of employees reported in Canada by the firms making returns on the date indicated).

Industries
Jan.l Teb.l Mur. 1 Apr. 1 May 1 June 1 19241924

Tanufacturing Fur and products
Leether and products
Lumber and products
Rough and $\dot{\partial r e s s e d}$ lumber
Furniture
Other lumber products
Musical instruments
Plant products - edible
Pulp and paper products
Pulp and paper
Paper products
Printing and publishing
Rubber roducts
Textile products
Thread, yarn and cloth
Hosiery and knit goods
Garments and personal furnishings
Other textile products
Flant products, n.e.s.
Fotaceo
ZLotilled end malt. lictors
Mood distillates and extracts
Chomical and allied products
Clay, glass and stone products
Electric current
Electrical apparatus
Iron and steel products
Crude, rolled and forged products
Machinery (other than vehicles)
Agricultural implements
Land vehicles
Automobiles and Parts
Ctuc' shipbuilding and repairing
Eeating appliances
Iron and steel fabrication(n.e.s.)
Foundry and machine shop products
Other iron and steel products
Non-inerrous metal products
Mineral products
Miscellaneous
Logging
Mining
Coal
Metallic ores
Non-metallic minerals(other than coal)
Communications
Telegraphs
Telephones
Transportation
Street railways and cartage
Steam railways
Shiping and stevedoring
Construction and maintenance
Building
Highway
Tactivy
Servíes
Hotels and restaurants
Professional
Personal (chiefly laundries)
Trade
Retail
Tholesale

| 86.7 | 9 |
| ---: | ---: |
| 81.9 | 8 |
| 116.0 | 10 |
| 95.5 | 10 |
| 74.4 | 7 |
| 70.9 | 7 |
| 18.1 | 8 |
| 70.3 | 6 |
| 30.5 | 88 |
| 118.2 | 8 |
| 99.9 | 9 |
| 9.02 | 86 |
| 70.5 | 96 |
| 107.4 | 9 |
| 57.4 | 8 |
| 92.6 | 93 |
| 103.4 | 8 |
| 73.9 | 8 |
| 65.5 | 10 |
| 119.9 | 9 |
| 90.2 | 10 |


| 105 | 113.1 | 115.2 | 111. | 103.5 | 10 | -1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 100.8 80.8 | 101.3 | 10.0 | $1.03 \mathrm{~J}, \mathrm{C}$ | 104.2 | 103.0 | $\bigcirc$ |
| 80.8 | 83.2 | 82.3 | 83.0 | 91.9 | 94.5 | 1.2 |
| 93.6 | 92.8 | 92.0 | 92.8 | 95.2 | 202.5 | 1.5 |
| 86.3 | 90.4 | 90.4 | 89. 6 | 91.8 | 89.9 |  |
| 90.0 | 97.4 | 100. 7 | 107.5 | 100.6 | 98.1 | 14.9 |
| 94.7 | 101.9 | 116.I | 128.1 | 128.4 | 214.0 |  |
|  | 98.3 | 95.2 | 98.4 | 96.5 | 93.2 | 1.1 |
|  | 72.3 | 5.0 | 73.7 |  | 70.6 |  |
|  | 102. ${ }^{\text {ch }}$ | 103.0 | 205.6 | 205.8 | 103.0 | - 6 |
|  | 90.6 | $9 \%$ | 100.2 | 100.4 | 90.6 |  |
| 74.5 | 105.9 | lin. 5 | 111.3 | 111. ${ }^{\text {a }}$ | 103.8 |  |
| 87.3 | 89.0 | 95.3 | 97.4 | 55.1 | 93.5 | . 6 |
| 82.1 | 66.8 | 97.3 | 98.7 | 97.9 | 90.6 |  |
| 8 F .0 | 91.7 | 88.9 | 97.4 | 100.5 | 91.5 | 5 |
| 84.6 | 92.7 | 93.5 | 93.7 | 93.8 | 91.7 | . 9 |
| 79.9 | 84.0 | \%7. 6 | ET. 0 | 87.8 | 86.5 | 1.4 |
| $89 \cdot 3$ | 85.7 | 91.? | 92. 5 | 99.1 | 102.7 | 1.2 |
| 92.2 | 100.0 | 99.7 | 100.6 | 99.4 | 96.7 | . 5 |
| 166.2 | 175.1 | 163.9 | 97.8 | 98.1 | 96.6 | 2.1 |
| 105.1 | 103.3 | 104.3 | 4.1 | 108.1 | 108.5 | 5.9 |
| 113.0 | 118.5 | 109.5 | 109.0 | 112.9 | i10.2 | 3.4 |
| 92.6 | 95.9 | 97.7 | 97.9 | 99.7 | 105,4 | 1.8 |
| 1) 87.9 | 33.8 | 85.2 | 85.4 | 94.1 | 97.7 | . 7 |
| 89.5 | 39.3 | 90.5 | 91.0 | 93.0 | 94.5 | 2.9 |
| 38.6 | 85.7 | 84.4 | \%5.? | 90.8 | 92.4 | . 6 |
| 89.8 | 90.4 | 92.3 | 92.5 | 93.6 | 94.8 | 2. |
| 99.1 | 95.7 | 95.2 | 95.7 | 97.8 | 101.6 | 14.2 |
| 104.3 | 98.4 | 97.9 | 96.1 | 100.4 | 101.2 | 2.5 |
| 103.4 | 100.3 | 98.5 | 97.8 | 93.3 | 100.2 | 10.0 |
| 67.3 | 66.9 | 71.2 | 84.9 | 76. 1 | 110.2 | 1.7 |
| 60.6 | 50.1 | 5.7.0 | 56.1 | 65.2 | 90.4 | 11.4 |
| 62.3 | 55.3 | 50.4 | 53.4 | 59.9 | 74.4 | 3.1 |
| 49.1 | 25.4 | 27.3 | 33.9 | 35.5 | 61.0 | 1.9 |
| 66.2 | 70.6 | 13.0 | 67.0 | 86.6 | 113.2 | . |
| 89.1 | 83.8 | 88.7 | 90.2 | 90.3 | 95.1 | 3.9 |
| 91.4 | 89.4 | 90.6 | 50.2 | 89.1 | 93.5 | 1.1 |
| 95.9 | 95.9 | $9 \mathrm{9} \cdot 5$ | 93.9 | 97.0 | 96.3 | . 2 |
| 33.7 | 84.9 | 85.2 | 89.3 | 39.7 | \%9, | ,6 |
| 93.6 | 90.5 | 90.5 | 90.3 | 91.2'20 | 91.06 | 9 |
| 99.9 | 68.0 | 87. 7 | 37.1 | ¢8. 5 | 89.5 |  |
| \%0\% | 15 c , | S.out | 9. | S. | 96.4 |  |



(Note: Thes incexez are rectulatec lipon the average for the calendar year 1926 as 100. The relative weight shome tie propocicin of employees in the i:dicated industry to the total



IABLE 4.- INDEX NUMBERS OF U二IOMMENT BY INDUSTRIES, 1924. 1928, Continued.
(Note: These inderes are recalculatec unon the average for tiae calendar year 19 g 6 as 100. The relative meight shoms the proportion of employees in the indicated industry to the total number of employees reported in Canada oy the firms maxing recurns on the date indicated).

Induatries
Relative
Weight
Induatries
Jan. 1 Feb. 1 Mar, 1 Apr, I May I June 1 Jurge 1 ,
Anufacturing
$\frac{1925}{81.7} \cdot \frac{1925}{85.8}-\frac{1925}{88.6} \quad 1925 \quad 1925 \quad 1925-1925$
Fur and products
Leather and products
Lumber and products
Rough and dressed lumber
Furniture
Other lumber products
Musical instruments
Plant products - edible
Pulp and paper pr ducts
Pulp and paper
Paper products
Printing and publishing
Rubber products
Textile products
Thread, yarn and cloth
Hosiery and knit goods
Garments and personal furnishings
Other textile products
Plant products (n.e.so)
Tobacco
Distillea and malt liquors
Focd distillates and extracts
Chemical and allied products
Clay, glass and stone products Rectric current
Electrical apparatus
Iron and steel products
Crude, solled and forged products
Machinery (other than vehicles)
Agricultural implements
Land vehicles
Automobiles and parts
Stecl shipbuilding and repairing Heating appliances
Iron and steel fabrication (n.c.s.)
Foundry and machine shop products
Other iron and steel products
Nicn-ferrous metal products
Wineral products
Wiscellaneous
Logging
Mining
Coal

$\begin{array}{lllllll}94.2 & 87.2 & 83.2 & 84.3 & 95.0 & 104.3 & 2.0\end{array}$
$\begin{array}{lllllll}94.2 & 85.8 & 85.0 & 88.5 & 90.4 & 92.5 & .1 \\ 92.8 & 95.4 & 96.7 & 96.8 & 89.9 & 89.7 & 2.0\end{array}$
$\begin{array}{lllllll}70.0 & 75.1 & 77.7 & 82.9 & 97.3 & 108.6 & 7.1 \\ 65.0 & 67.5 & 70.5 & 75.8 & 97.4 & 116.1 & 5.0\end{array}$
$\begin{array}{lllllll}15.7 & 89.1 & 89.6 & 92.9 & 92.4 & 90.2 & 1.0\end{array}$
$\begin{array}{lllllll}81.7 & 88.7 & 92.1 & 97.8 & 103.7 & 95.2 & 1.1\end{array}$

| 82.2 | 80.3 | 81.9 | 81.4 | 81.8 | 78.7 | .3 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 87.9 | 87.6 | 90.9 | 91.5 | 90.8 | 91.2 | 3.2 |

$\begin{array}{lllllll}87.2 & 89.2 & 89.8 & 90.4 & 91.9 & 93.1 & 6.6 \\ 79.7 & 82.1 & 84.9 & 85.3 & 87.9 & 90.0 & 3.3\end{array}$
$\begin{array}{llllll}90.4 & 93.7 & 92.7 & 96.2 & 95.5 & 97.6\end{array}$
$\begin{array}{lllllll}98.1 & 97.7 & 95.9 & 95.8 & 96.5 & 97.2 & 2.5\end{array}$
$\begin{array}{lllllll}30.9 & 87.6 & 90.5 & 93.6 & 95.2 & 97.1 & 1.6\end{array}$
$\begin{array}{lllllll}86.2 & 92.4 & 94.5 & 97.1 & 96.2 & 94.6 & 8.8\end{array}$
$\begin{array}{lllllll}88.3 & 92.7 & 94.5 & 97.0 & 96.2 & 94.7 & 3.3\end{array}$
$\begin{array}{rrrrrrr}80.1 & 34.8 & 87.4 & 39.9 & 88.9 & 89.1 & 1.6 \\ 85.0 & 95.7 & 96.5 & 101.4 & 99.2 & 96.6 & 2.7\end{array}$
$\begin{array}{rrrrrrr}85.0 & 95.7 & 96.5 & 101.4 & 99.2 & 96.6 & 2.7 \\ 92.6 & 98.3 & 100.0 & 99.7 & 102.2 & 99.0 & 1.2\end{array}$
$\begin{array}{lllllll}76.9 & 95.5 & 96.1 & 90.7 & 93.0 & 101.5 & 1.5\end{array}$
$\begin{array}{llllll}138,7 & 150.2 & 114.8 & 105.6 & 95.2 & 95.7\end{array}$
$\begin{array}{lllll}138,7 & 150.2 & 114.6 & 105.6 & 95.2\end{array}$

| 90.8 | 94.0 | 96.1 | 97.9 | 99.9 | 95.5 | .0 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 70.0 | 67.9 | 69.6 | 76.6 | 34.5 | 90.9 | 1.1 |

$\begin{array}{lllllll}102.1 & 99.2 & 97.1 & 98.0 & 102.5 & 105.1 & 1.6\end{array}$
$\begin{array}{lllllll}96.9 & 94.1 & 92.6 & 90.9 & 89.2 & 86.6 & 1.1\end{array}$
$\begin{array}{lllllll}74.3 & 30.8 & 77.7 & 92.4 & 92.9 & 92.9 & 14.8\end{array}$
$\begin{array}{lllllll}63.2 & 73.5 & 90.6 & 101.6 & 102.3 & 102.0 & 1.6\end{array}$
$\begin{array}{lllllll}83.1 & 86.7 & 87.6 & 99.8 & 90.3 & 94.3 & 1.1\end{array}$
$\begin{array}{lllllll}49.3 & 56.2 & 60.6 & 70.2 & 60.8 & 69.6 & .8 \\ 70.3 & 85.6 & 93.4 & 95.7 & 97.1 & 95.7 & 7.0\end{array}$
$\begin{array}{lllllll}41.2 & 50.0 & 34.7 & 91.1 & 91.9 & 91.7 & 1.4\end{array}$
$\begin{array}{llllll}64.6 & 81.4 & 93.2 & 105.3 & 106.8 & 122.2\end{array}$
$\begin{array}{lllllll}77.1 & 76.8 & 87.7 & 93.5 & 94.0 & 94.6 & .6 \\ 62.3 & 73.9 & 73.5 & 75.1 & 76.0 & 77.7 & \end{array}$
$\begin{array}{lllllll}36.5 & 82.2 & 65.1 & 95.0 & 90.7 & 88.9 & .6\end{array}$
$\begin{array}{lllllll}73.6 & 22.2 & 34.8 & 83.6 & 90.5 & 89.0 & 1.9 \\ 75.3 & 70.2 & 61.4 & 82.1 & 32.2 & 82.0 & 1.4\end{array}$
$\begin{array}{lllllll}91.5 & 91.7 & 93.4 & 94.5 & 100.7 & 105.0 & 1.3\end{array}$
$\begin{array}{rrrrrrr}90.0 & 91.4 & 94.6 & 95.7 & 97.2 & 95.7 & .5 \\ 150.5 & 156.7 & 146.2 & 85.7 & 55.5 & 92.6 & 2.6\end{array}$
$\begin{array}{lllllll}101.6 & 97.4 & 97.2 & 90.5 & 9.6 & 90.8 & 5.6\end{array}$
Metallic ores
Non-metallic minerals(other than coal)
Communications
Telegraphs
Telephones
Transportation
Street railways and cartage
Steam railways
Shipping and stevedoring
Construction and maintenance
Building
Highway
Railway
Services
Hotels and restaurants
Professional
Personal (chicfly laundries)
Trade
Retail
Wholesale

[^0],


77.9
92.4
34.6
94.0
90.4
94.3
92.6
95.4
94.7

## 94.7

67.7
57.2
57.1
45.6
61.7
61.7
39.5
89.2
99.2
99.2
36.7
$95 \cdot 3 \quad 93 \cdot 5$
$\begin{array}{ll}95.3 & 91.9 \\ 96.0 & 96.5\end{array}$
$\begin{array}{lll}95.3 & 93.5 & 91.3 \\ 91.9 & 89.3\end{array}$
94.6
91.0
94.0
$\begin{array}{ll}95.0 & 93.2 \\ 62.6 & 67.3 \\ 60.3 & 58.8 \\ 55.8 & 57.4 \\ 53.3 & 46.7 \\ 67.9 & 65.1 \\ 89.2 & 50.7 \\ 7.7 & 9.7 \\ 96.7 & 94.7 \\ 87.3 & 36.5 \\ 93.5 & 91.3 \\ 91.9 & 89.3 \\ 96.5 & 95.0\end{array}$

## Industries

July 1 Aug. 1 \$opt. 1 Oct. 1 Nov. 1 Dec. 1 Dec. 1, Dec. I,

| 1925 | 1925 | 1925 | 1925 | 1925 | 1925 | 1925 | 1925 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Manufacturing
Animal products - edible
Fur and products
Leather and products
Lumber and products
Rough and dressed lumber
Furniture
Other lumber products
Nusical indtruments
Plant products - edible
Pulp and paper products
Pulp and paper
Paper products
Printing and publishing
Rubber products
Toxtils products
Thread, yarn and cloth
Hosiery and knit gooss
Garments and personal furnish-
Other textile products ings
19
10
9
8
12
12
9
9
7
9
9
9
9
9
97
97
102

## Plant products (n.e.s.)

Distilled and malt liquors
Tood distillates and extracts
Chemicals and allied products
Clay, glass and stone products
Blectric current
Ilectrical apparatus
Iron and steel products Crudo, rolled and forged products
Machinery(other than velilicles)
Asricultural implements
Land vehicles
Autorobiles and parts Steel shipbuilding and roparBeating appliances Iron and steel fabrifation.) Foundry and machine fhop
Other iron and ateel products
Non-ferrous metal products
Mineral products
Miscellaneous
Logging
Mining
Coal
Metalic ores
Non-metallic minerals(other
than coal
Communications
Telegraphs
Tel eohones
Transportation
Street railways and cartage
Steam rallways

Construction and maintenance
Building
Righway
Railway
Services
Hotels and restaurants
Professional
Personal (chiefly laundries) Trade

Retail
Wholesale The relative weight shows the proportion of employees in the indicated industry to the total number of enployees reported in Canada by the firms making returns on the date indicated).

Relative
Jan. 1 Feb. 1 Mar. 1 Apr. 1 iNay 1 June 1 Jeight
$\frac{\text { Industries }}{\text { Manufacturing }}$
Animal products - edible
Fur win mosucts
Leather and products
Lumber and oroducts
Rough and dressed lumber
Furniture
Other lumber products
Musical instruments
Plant prociucts - edible
Pulp and paper products
Pulp and paper
Paper products
Printing and publishing
Rubber products
Textile products
Thread, yarn and cloth
Hosiery and knit goods
Garments and personal furnishings
Other textile products
Plant prochucts (n.e.s.)
Tobacco
Distilled and malt liquors
Tood distillates and extracts
Chemicals and allied products
Clay, glass and stone products
Electric current
Electrical apoaratus
Iron and steel products
Cride, rolled and forged products
Machinery (other than vehicles)
Agricultural implements
Iand vehicles
Autombiles and parts
Steel shipbuilding and repairing
Heating apnliances
Iron and steel fabrication (n.e.s.)
Foundry and machine shop products
Other iron and steel products
inon-ferrous metal products
: neral products
Miscellaneous
Logging
Mining
Coal
Metallic ores
Non-metallic minerals(other than coal)
Comrunications

- vlegraphs

Telephones
Transportation
Street railways and cartage
Steam railways
Shipping and stevedoring
Construction and maintenance
Bui.: ing
Highway
Railway
Services
Hotels and restaurants
Professional
Personal (chiefly laundries)
Trade
Retail
Nholesale
$\begin{array}{llllllll}1926 & 1926 & 1926 & 1926 & 1926 & 1926 & 1926 \\ 90.0 & 93.0 & 94.9 & 96.6 & 98.8 & 101.6 & 55\end{array}$
91

96
9
9
7
8
8
9
9
9
8
8
9
10
10

| 106.6 | 104.3 | 105.5 | 99.3 | 94.5 | 97.3 | 1.5 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 94.4 | 95.6 | 99.6 | 101.2 | 100.3 | 98.9 | 8.5 |
| 98.9 | 100.1 | 99.4 | 100.3 | 100.3 | 100.2 | 2.1 |
| 89.0 | 94.6 | 97.4 | 99.4 | 100.4 | 99.9 | 1.7 |
| 90.6 | 99.2 | 100.3 | . .4 | 99.7 | 97.0 | 2.5 |
| 98.8 | 100.1 | 102.6 | 101.7 | 102.9 | 98.9 | 1.1 |
| 88.0 | 92.0 | 92.5 | 98.5 | 105.1 | 101.7 | 1.4 |


(Noto: Thiose indexes are recalculated upon the average for the calendar year 1926 as 100. The rel tive weight shows the proportion of emoloyees in the indicated industry to the to tal number of employecs reported in Canada by tile firms making returns on the date indicated).


ALI INDUSTRIES $105.0 \quad 105.5 \quad 105.2 \quad 106.5 \quad 104.0 \quad 102.3 \quad 100.0 \quad 99.6$
1/The average for the calendar year 1926, inclucing fisures up to Dec. 1: 1926, being the base used in computin these indexes, the averal index here given for the 12 months Jan. 1 - Dec. 1, 1925, generally shows a sligint variation from 100.

Industries
Monufacturine
Animel products - edibl.
Fur and products
Lather and procucts
Lumber and products
Fough and dressed lumber Furniture
Other Iumber products
Mucical instruments
Plant products - cdible
Prilp ada paper products
Pulp and paper
Paper products
Printing and publishing
Rubber products
Textile products
Thread, yarn and cloth
Hosiery and knit goods
Garments and personal furnishings
Other textile products
Plant products (n. $\mathrm{E} . \mathrm{s}$.) Tobacco
Distilled and malt liquors
Wood distillates and extracts
Onumical and allied products
Clay, glass and stone products
Blectric current
Electrical apparatus
Iron and stocl products
Crude, rollod and forsed products
Machinery (othor than vohicles)
Agricultural implements
Land vehicles
Autcmobiles and parts
Stecl shipbuiláing and ropeiring
Heating appliances
Iron and steel fabrication (n.e.s.)
Foundry and machine shop products
Otincr iron and stoul products
Yon-ferrous metal products
Mineral products
Miscellancous
coseing
Mining
Co2l
Matallic ores
Non-metallic minerals(other than coal)
Communications
Telegraphs
Telephones
Transportation
Street railways and cartage
Steam railways
Shipping and stevedoring
Construction and maintenance
Building
Highway
Railway
Scrvices
Hotels and restaurants
Professional
Personal (chiefly laundries)
Trade
Retail
Whelesale

## Jan. 1

$12271227 \quad 1927$

Industries
Manufacturing
Animal products - edible
Fur and prociucts
Leather and roducts
Lumber and products
Rough and dressed lumber Furniture
Other lumber products
Musical instruments
Plant products - edible
Pulp and paper products
Pulp and paper
Paper products
Printing and publishing
Rabber products
Textile products
Thread, yarn and cloth
Hosiory and mit goods
Garment and nersonal furnisho
Other textile products
Plant products (n.t.s.)
Tabacco
Distilled and malt liquors
Tocd distillates and extracts Olumicals and allicd products Clay, glass and stone products Electric current
Blectrical apparatus
Ircn and steel products Crude, rolled and forged products Ma.chinery(otiner thán vehicles) Agricultural implements Land vehicles
Autcmobiles end parts
Stoul shipbuilding and
Heating appliances
IrCn and steel fabrication
(n.e

Foundry and machine shcp
$C$ ther iron and stecl products
Won-ferrous metal products
Mineral products
Wiscellaneous
Legging
Mining
Col
Motallic ores
Nen-metallic minerals(other than coal)
Communications
Telegraphs
Tilcphones
Transportation
Street railways and cartage
Steam railways
Shipping and stevedoring
Censtruction add maintenance
Building
Highmay
Railway
Services
Hotels and restaurants
Prcfessional
Perscnal (chiefly laundries)

## Trade

Rctail
Tholesalo
) 1

Ju
July 1 Aug. 1 Sept. 1 Oct. 1 Nov. 1 Dec. 1 Dec. 1 Dec. 1 ,

| 1927 | 1927 | 1927 | 1927 | 1927 | 1927 | 1927 | 1927 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 106.8 | 107.0 | 106.3 | 106.4 | 104.9 | 104.3 | 53.9 | 103.4 |
| 121.4 | 120.6 | 117.6 | 114.6 | 112.0 | 109.6 | 2.0 | 106.9 |
| 101.0 | 91.1 | 99.9 | 104.8 | 100.8 | 103.2 | .1 | 96.4 |
| 100.8 | 100.7 | 103.9 | 104.1 | 104.6 | 105.8 | 2.0 | 103.1 |
| 115.3 | 117.4 | 114.4 | 109.4 | 97.9 | 89.5 | 5.0 | 90.9 |
| 120.5 | 123.6 | 119.6 | 110.6 | 92.4 | 79.1 | 2.9 | 95.2 |
| 106.1 | 105.8 | 105.8 | 109.5 | 112.1 | 114.0 | 1.0 | 106.5 |
| 103.0 | 105.9 | 102.7 | 103.6 | 103.5 | 103.6 | 1.1 | 104.4 |
| 97.2 | 94.9 | 97.2 | 104.4 | 109.6 | 108.7 | .4 | 100.5 |
| 100.4 | 107.0 | 109.4 | 120.9 | 109.7 | 107.5 | 3.3 | 101.7 |
| 107.3 | 103.4 | 108.5 | 10.8 .5 | 107.3 | 107.5 | 6.8 | 105.2 |
| 111.5 | 112.8 | 112.3 | 111.9 | 108.4 | 106.3 | 3.4 | 106.2 |
| 104.3 | 104.6 | 107.6 | 100.1 | 110.0 | 112.5 | .8 | 105.4 |
| 104.5 | 104.1 | 104.5 | 104.6 | 105.5 | 10.0 .0 | 2.6 | 104.2 |
| 114.9 | 115.4 | 115.7 | 112.6 | 120.5 | 121.5 | 1.7 | 112.8 |
| 103.5 | 103.5 | 104.4 | 104.9 | 106.0 | 106.5 | 8.6 | 104.1 |
| 109.3 | 108.3 | 111.0 | 111.2 | 112.0 | 113.1 | 3.5 | 108.2 |
| 99.1 | 100.0 | 97.7 | 97.8 | 103.4 | 104.5 | 1.7 | 101.2 |
| 99.1 | 96.9 | 93.9 | 101.7 | 103.9 | 99.5 | 2.4 | 100.2 |
| 107.5 | 112.5 | 109.6 | 108.4 | 105.4 | 108.6 | 1.0 | 107.3 |
| 106.0 | 109.4 | 111.3 | 109.6 | 111.6 | 112.5 | 1.5 | 106.5 |

$\begin{array}{lllll}110.1 & 103.6 & 104.1 & 115.0 & 117.4\end{array}$ $\begin{array}{lllll}103.6 & 103.3 & 104.4 & 104.9 & 105.8\end{array}$ $\begin{array}{lllll}112.2 & 113.7 & 109.5 & 106.2 & 108.1 \\ 111.5 & 112.5 & 117.2 & 113.2 & 113.7\end{array}$ $106.5 \quad 101.3 \quad 107.3 \quad 110.2 \quad 112.0$ $\begin{array}{ccccc}103.0 & 101.7 & 100.1 & 99.5 & 99.3\end{array}$
 105.8 105.8 105.2
111.4 107.1 109.8 106.0 90.7 $\begin{array}{ll}96.3 & 89.7\end{array}$

| 103.1 | 103.3 | 112.3 |
| :--- | :--- | :--- |


| 112.3 | 1.6 | 106.9 |
| ---: | ---: | ---: |
| 112.4 | 1.3 | 109.5 |
| 94.2 | .9 | 104.7 |
| 93.9 | 6.1 | 97.2 |
| 85.3 | 1.2 | 95.1 |


| 107.2 | 106.9 | 1 |
| ---: | ---: | ---: |
| 113.3 | 112.2 | 1 |
| 107.1 | 94.3 |  |
| 96.7 | 94.5 |  |
| 89.5 | 89.7 |  | $113.2 \quad 110.9$

107.4 1C0. $92.0 \quad 89.7 \quad 83.7 \quad 100.6 \quad .4 \quad 102.6$
$\begin{array}{lllll}102.7 & 103.8 & 105.4 & 103.0 & 110.7\end{array} 111.0$
13.9
112.2
116.6
115.0121 .1120 .3
102.1 114.4
$\begin{array}{lll}107.7 & 103.0 & 106.9\end{array}$ 103.4
69.9 106.6 $106.6 \quad 109.4$ $\begin{array}{lll}112.2 & 116.6 & 110.5\end{array}$
$\begin{array}{lll}115.6 & 115.6 & 11 \\ 106.0 & 106.6 & 1 \\ 110.0 & 112.4 & 1\end{array}$

AIL INDUSTRIES
$109.7 \quad 110.5 \quad 111.0$
105.7105 .2
$\begin{array}{llllll}107.0 & 105.0 & 105.9 & 106.5 & 106.5 & 107.1 \\ 105.4 & 105.4 & 100.6 & 107.9 & 106.5 & 106.0\end{array}$
$\begin{array}{llllll}105.3 & 103.6 & 104.6 & 104.8 & 105.3 & 105.5 \\ 117.7 & 110.1 & 10.5 .6 & 114.0 & 113.1 & 116.7\end{array}$
$\begin{array}{rrrrrr}117.7 & 110.1 & 10.3 & 114.0 & 113.1 & 116.1 \\ 144.2 & 150.2 & 150.4 & 139.8 & 122.1 & 99.5\end{array}$
$\begin{array}{llllll}120.0 & 129.6 & 134.7 & 133.7 & 117.7 & 107.4 \\ 221.1 & 242.4 & 230.0 & 215.4 & 193.4 & 113.9\end{array}$
$\begin{array}{llllll}137.7 & 132.4 & 12.9 .1 & 115.7 & 101.2 & 85.5\end{array}$
$\begin{array}{llllll}113.1 & 115.0 & 120.0 & 115.3 & 107.9 & 106.9\end{array}$
$\begin{array}{llllll}116.1 & 120.8 & 126.0 & 114.9 & \text { IC2.6 } & 100.6\end{array}$
$\begin{array}{llllll}107.4 & 102.2 & 100.7 & 113.1 & 114.3 & 107.6\end{array}$
$110.3 \quad 112.1 \quad 115.4$
$106.0 \quad 107.3 \quad 10$ ü. $4 \quad 1$
$107.5 \quad 108.8 \quad 103.1$
$\begin{array}{llll}107.5 & 108.8 & 103.1 \\ 102.0 & 14.5 & 103.2 & 109\end{array}$
$\begin{array}{rrr}91.1 & 92.6 & 91.7 \\ 104.1 & 104.8 & 104.9 \\ 110.2 & 110.2 & 114.0\end{array}$
16.0

1 Cg .4
109.5
109.4
$\begin{array}{ll}113.6 & 115.9 \\ 111.9 & 121.2\end{array}$
113.0 127.0
$\begin{array}{ll}113.0 & 127.0 \\ 109.9 & 110.0\end{array}$
$\begin{array}{rr}.8 & 103.2 \\ 1.2 & 102.7 \\ 1.5 & 106.8 \\ 1.3 & 107.6 \\ 14.2 & 101.6\end{array}$
.6102 .1
$.8 \quad \log .9$

| .5 | 100.4 |
| :--- | :--- |
| 2.0 | 103.4 |
| 1.9 | 110.1 |
| 1.1 | 102.8 |
| 4.4 | 102.2 |
| 5.8 | 109.3 |
| 5.5 | 107.0 |
| 3.2 | 105.5 |
| 1.5 | 111.6 |

109.6

## 6.9

 4.7 5.1
## 1C2.1

00.4 103.4 0.1 2. 109.3 107.5
105.3
05.3 103.0
105.3 103.4 102.5 103.2 102.5 101.5 $9.7 \quad 109.0$ 103.7 129.3 101.6 106.2

- 9104.1
.2104 .4
$-7 \quad 109.7$
3.2 107.4
$\begin{array}{ll}5.7 & 109.3 \\ 2.5 & 103.9\end{array}$
$0$

> TABLE 4. - ITDEX NUTEERS OE E: LOYAENT SY IMDUSTRIES, 1924-1928 - Continued
(Note: Trese indexes are recalculated upon tive average for the calendar year 1926 as 100 . The relative weight shows the proportion of enloyees in the indicated industry to the total number of employees renorted in Canada by the firms making returns on the date indicated.
Industries

Manufacturine
Aninal poducts - edible
Fur and products
Leather and products
Lumber and products
Rough and dressed lumber Furniture
Dther lumber products
Musical instruments
Plant prcuucts - edible
Pulp and pepor products
Pulp and paper
Paper vroducts
Frinting and publisining
Rubber oroducts
Textile products
Thread, yarn and cloth Hosiery and knit goods
Garments and personal furnishings Other textile products
Plant products (11.e.s.)
Tobacco
Distilled and malt liguors
Hood distillates and extracts
Chemicals and allied products
Clay, glass and stone products
Ilectric current
Ilectrical apparatus
Iron and steel products Crude, rolled and forced products Machinery (other than vehicles)
Agricultural implements
Land veizicles
Automobiles and parts
Steel sinipbuilding and repairing
Heating aphliances
Irca and steel fabrication (n.e.s.)
Ecindry and machine shop products
Other iron and steel products
Non ferrous metal products
Mineral products
Miscellanecus
Losging
Mining
Coal
Metallic ores
Non-metallic minerals(other than coal)
Communications
Telegrajhs
Telephones
Transportation
Street railways and cartage
Stean railmays
Shipping and stevedoring
Construction and maintenance
Building
Highway
Railway
Services
Hotels and restaurants
Professional
Personal (ciniefly laundries)
Trade
Retail
Wholesale

Jon. 1 Feb. 1 Kar. 1 Apr. 1 Kay 1 Junel Teight | 1228 | 1928 | 1928 |
| :--- | :--- | :--- |
| 97.9 | 102.3 | 104.7 |

| 1228 | 28 | 928 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 97.9 | 102.3 | 104.7 | 106.5 | 109.0 | 112.6 | 55.0 |
| 102.1 | 97.3 | 94.6 | 97.5 | 108.2 | 116.7 | 2.0 |
| 93.7 | 89.4 | 88.2 | 92.0 | 89.5 | 91.1 | 1 |
| 102.6 | 106.4 | 108.9 | 108.6 | 102.6 | 100.4 | 1.8 |
| 78.1 | 86.1 | 38.9 | 91.7 | 98.2 | 109.7 | 5.8 |
| 65.5 | 3.5 | 77.4 | 81.0 | 89.7 | 106.5 | 3.7 |
| 05.3 | 113.3 | 113.7 | 116.1 | 117.1 | 117.1 | 1.0 |
| 97.9 | 105.2 | 106.4 | 106.8 | 111.1 | 113.4 | 1.1 |
| 102.2 | 57.8 | 95.3 | 90.5 | 87.8 | 92.4 | . 3 |
| 87.7 | 92.1 | 93.8 | 95.0 | 94.9 | 100.0 | 2.9 |
| 104.4 | 107.7 | 108.3 | 106.6 | 108.7 | 111.3 | 6.6 |
| 102.3 | 107.8 | 110.2 | 107.0 | 109.8 | 113.5 | 3.4 |
| 104.9 | 105.3 | 106.0 | 107.6 | 109.5 | 112.5 | . 8 |
| 107.9 | 108.9 | 107.0 | 105.6 | 107.7 | 108.7 | 2.4 |
| 116.2 | 118.6 | 119.5 | 120.3 | 123.0 | 125.7 | 1.7 |
| 9. | 105.7 | 106.8 | 106.5 | 107.0 | 106.3 | 8.1 |
| 108.8 | 111.1 | 110.4 | 107.9 | 110.3 | 110.5 | 3.2 |
| 92.5 | 99.6 | 102.1 | 102.9 | 104.2 | 104.0 | 1.6 |
| 93.9 | 101.1 | 103.7 | 104.9 | 104.1 | 101.9 | 2.3 |
| 101.4 | 111.7 | 111.6 | 113.0 | 109.7 | 108.7 | 1.0 |
| 109.7 | 116.3 | 121.7 | 116.3 | 121.6 | 120.1 | 1.5 |
| - | - | - |  | - |  |  |
| 116.3 | 138.9 | 148.0 | 141.2 | 130.0 | 133.8 |  |
| 102.5 | 108.5 | 108.9 | 111.3 | 113.0 | 114.1 | . 8 |
| 89.3 | 95.3 | 96.0 | 104.0 | 108.7 | 115.7 | 1.2 |
| 107.8 | 107.2 | 109.0 | 110.4 | 112.2 | 118.9 | 1.5 |
| 109.5 | 108.4 | 109.6 | 110.1 | 112.5 | 117.5 | 1.3 |
|  | 101.7 | 106.9 | 112.0 | 114.5 | 118.1 | 15.8 |
| 105.4 | 108.6 | 114.1 | 119.2 | 124.7 | 125.3 | 1.6 |
| 110.7 | 114.1 | 117.3 | 118.3 | 120.1 | 123.9 | 1.3 |
| 1 |  | 104.0 | 103.0 | 100.4 | 102.8 | . 9 |
| 2.0 |  | 103.7 | 110.9 | 114.0 | 118.7 | 7.4 |
| 82.3 | 96.4 | 120.3 | 140.2 | 154.7 | 170.0 | 2.5 |
| 63.2 | 99.0 | 104.8 | 117.0 | 120.3 | 125.4 | . 5 |
| 93.6 | 91.7 | 103.3 | 106.3 | 108.4 | 112.7 | . 5 |
| 117.7 | 126.9 | 127.3 | 133.3 | 140.2 | 138.8 | -9 |
| 90.3 | 95.6 | 100.4 | 105.3 | 111.5 | 113.9 | . 6 |
| 99.4 | 104.1 | 105.3 | 106.5 | 105.2 | 108.4 | 2.1 |
| 107.9 | 113.9 | 116.1 | 117.9 | 119.1 | 120.7 | 1.9 |
| 101.6 | 102.8 | 106.4 | 110.0 | 113.9 | 116.9 | 1.2 |
| 5.5 | 95.8 | 96.6 | 97.8 | 102.2 | 103.9 | . 4 |
| 153.2 | 169.5 | 159.6 | 88.3 | 78.5 | 85.9 | 2.1 |
| 112.6 | 113.2 | 111.4 | 109.0 | 111.5 | 1.12.3 | 5.1 |
| 113.5 | 113.6 | 109.7 | 104.9 | 104.3 | 100.7 | 2.7 |
| 119.5 | 120.7 | 122.6 | 123.8 | 123.9 | 126.6 | 1.5 |
| 97.0 | 99.9 | 100.4 | 101.1 | 120.4 | 135.2 | . 9 |
| 102.9 | 100.9 | 101.2 | 102.3 | 105.0 | 106.9 | 2.7 |
| 99.0 | 98.1 | 98.4 | 100.9 | 105.0 | 111.5 | . 6 |
| 104.0 | 101.7 | 101.9 | 102.8 | 104.7 | 105.7 | 2.1 |
| . 4 | 90.8 | 97.3 | 98.2 | 100.7 | 108.0 | 12.9 |
| 104.0 | 105.6 | 103.4 | 103.3 | 107.0 | 112.3 | 2.3 |
| 103.2 | 101.7 | 99.4 | 99.4 | 99.2 | 105.1 | 8.8 |
| 72.7 | 73.5 | 77.9 | 84.7 | 100.6 | 119.8 | 1.8 |
| 78.6 | 75.5 | 73.3 | 78.6 | 103.7 | 136.8 | 12.6 |
| 82. | 34.6 | 79.3 | 87.1 | 102.6 | 118.3 | 4.2 |
| 53.1 | 54.0 | 49.9 | 43.2 | 83.8 | 142.5 | 2.3 |
| 79.0 | 74.9 | 75.1 | 32.0 | 109.7 | 144.1 | 6.1 |
| 105.3 | 105.8 | 105.3 | 108.4 | 111.7 | 118.4 | 1.9 |
| 99.0 | 99.6 | 99.1 | 100.3 | 103.4 | 114.7 | 1.0 |
| 107.8 | 113.0゙ | 114.6 | 119.2 | 120.1 | 113.5 | . 2 |
| 113.9 | 112.0 | 111.5 | 117.2 | 121.1 | 123.5 | . 7 |
| 120.4 | 110.0 | 109.7 | 111.1 | 111.7 | 113.7 | 7.7 |
| 127.1 | 112.5 | 112.3 | 113.6 | 114.4 | 116.3 | 5.3 |
| 107.3 | 105.3 | 104.6 | 105.9 | 105.2 | 10 2. 3 | , |

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Note: These indexes are recalculated upan the averoge for the calender year 1926 as 10. The relative weight shows the proportion of employees in the indicated industry to the ctal number of employees revorted in Canada by tine firms mokirg retrun on the date indicated



[^0]:    tal
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