

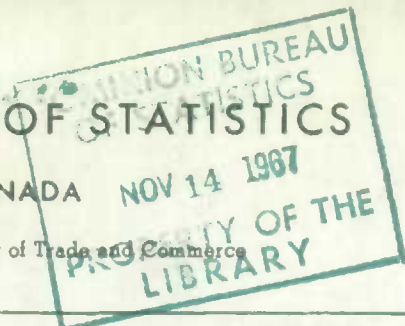
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THE LABOUR FORCE

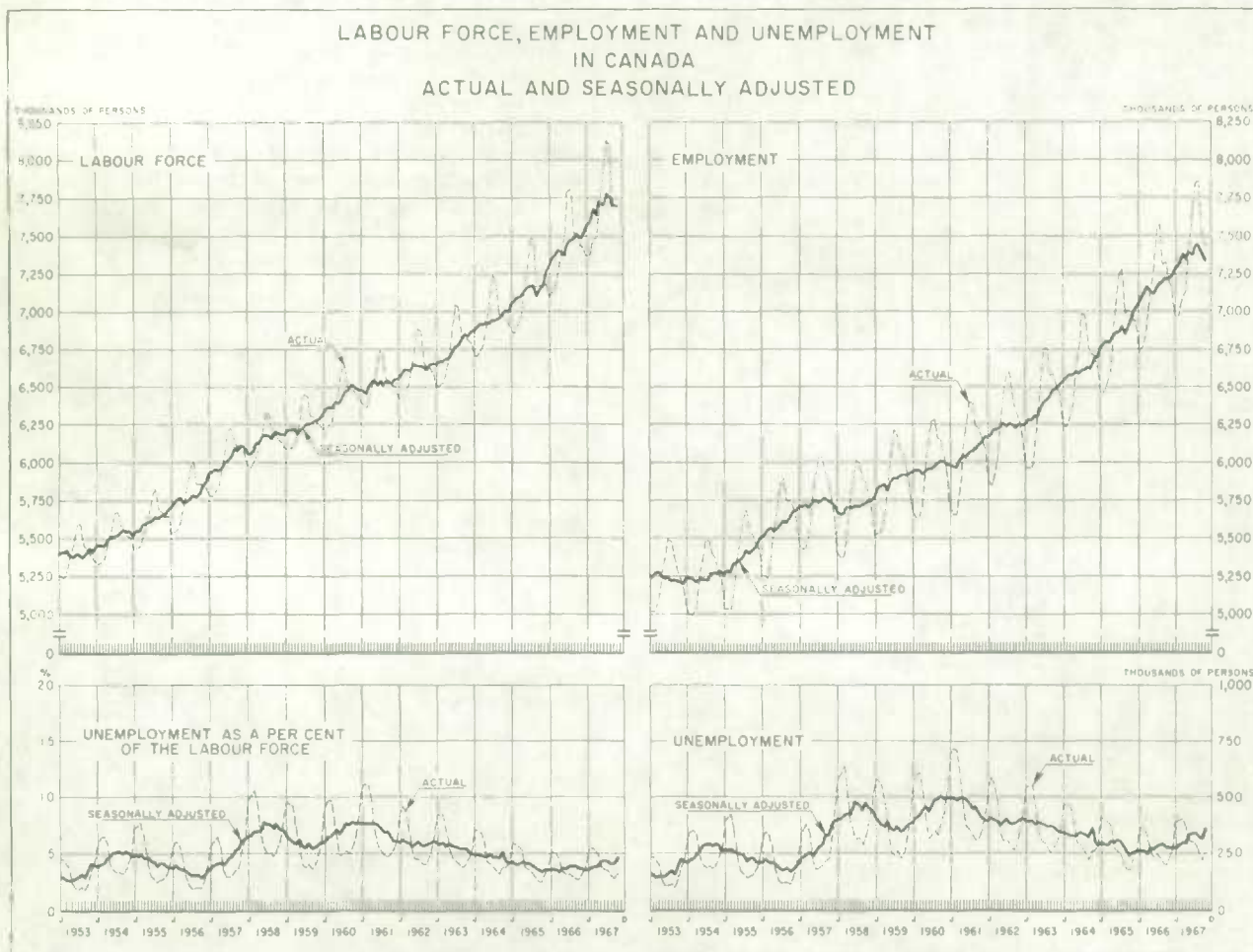
OCTOBER 1967

The Canadian labour force was estimated at 7,691,000 in the week ended October 14, 1967. Of this total, 7,437,000 persons were employed for all or part of the week and 254,000 persons were unemployed for the whole week. The labour force decreased by 39,000 from September; the employed decreased by 74,000, while the unemployed increased by 35,000. Compared with October 1966, the labour force, the employed and the unemployed were higher by 172,000, 113,000, and 59,000, respectively.

Between September and October, employment dropped by 32,000 in agriculture and by 42,000

in non-agriculture. Employment was up from October 1966, by 71,000 in nonagricultural industries and by 42,000 in agriculture. Employment among men decreased by 66,000 from September, while employment among women remained practically unchanged. Employment of men was higher by 47,000 than in October last year and, of women, by 66,000.

In October, 3.3 per cent of the labour force were unemployed. In comparison, the unemployment rate was 2.8 in September this year and 2.6 in October 1966. Seasonally adjusted, the unemployment rate in October 1967 was 4.7.



Third Quarter Review of the Labour Force  
1966-1967

As compared with the third quarter of 1966, the labour force, employment and unemployment in the third quarter of 1967 were higher by 282,000, 258,000 and 24,000, respectively.

women was somewhat higher than the five-year annual average increase of 3.3 per cent and 5.4 per cent, respectively.

Third Quarter Averages  
(000's)

|              | 1967  | 1966  |
|--------------|-------|-------|
| Labour Force | 7,985 | 7,703 |
| Employed     | 7,735 | 7,477 |
| Unemployed   | 250   | 226   |

Between the third quarter of 1966 and the third quarter of 1967, the labour force increased by 3.7 per cent. This compares with an average annual increase of 2.6 per cent for the previous five years, a period of rapid expansion of the labour force.

There were 160,000 more men and 122,000 more women in the labour force than a year earlier. The rates of increase of 3.0 per cent for men and 5.3 per cent for women compare favourably with the five-year average annual increase of 1.7 per cent and 4.9 per cent, respectively.

For both men and women, the highest year-to-year percentage gains in the labour force were among persons 20-24 years of age.

The Labour Force

|              | Third Quarter Averages (000's) |       | Year-to-Year Increase (000's) % |     |
|--------------|--------------------------------|-------|---------------------------------|-----|
|              | 1967                           | 1966  |                                 |     |
| <u>Men</u>   |                                |       |                                 |     |
| All ages     | 5,549                          | 5,389 | 160                             | 3.0 |
| 14 - 19      | 597                            | 565   | 32                              | 5.7 |
| 20 - 24      | 700                            | 657   | 43                              | 6.5 |
| 25 - 44      | 2,410                          | 2,360 | 50                              | 2.1 |
| 45 and over  | 1,843                          | 1,807 | 36                              | 2.0 |
| <u>Women</u> |                                |       |                                 |     |
| All ages     | 2,436                          | 2,314 | 122                             | 5.3 |
| 14 - 19      | 431                            | 417   | 14                              | 3.4 |
| 20 - 24      | 434                            | 403   | 31                              | 7.7 |
| 25 - 44      | 889                            | 838   | 51                              | 6.1 |
| 45 and over  | 682                            | 656   | 26                              | 4.0 |

Total employment averaged 7,735,000 in the third quarter of 1967, a rise of 258,000, or 3.5 per cent, from the corresponding quarter of 1966. Male employment at 5,367,000 was 141,000, or 2.7 per cent, higher than a year earlier and female employment at 2,368,000 was 117,000, or 5.2 per cent higher.

Virtually all the increase in total employment from the third quarter of 1966 was in the service-producing industries. Of the total increase in the service-producing industries, men accounted for 154,000 and women for 102,000. The percentage gain of 6.1 for men was substantially higher and the 5.9 per cent increase for

Employment by Industry Sector and Sex

|                   | Third Quarter Averages (000's) |       | Year-to-Year Change (000's) % |      |
|-------------------|--------------------------------|-------|-------------------------------|------|
|                   | 1967                           | 1966  |                               |      |
| Goods-producing   | 3,247                          | 3,245 | + 2                           | +0.1 |
| Men               | 2,708                          | 2,721 | - 13                          | -0.5 |
| Women             | 539                            | 524   | + 15                          | +2.9 |
| Service-producing | 4,488                          | 4,232 | + 256                         | +6.0 |
| Men               | 2,659                          | 2,505 | + 154                         | +6.1 |
| Women             | 1,829                          | 1,727 | + 102                         | +5.9 |

Comparing third quarters, agricultural employment was 38,000 higher in 1967 than in 1966 and employment in construction 28,000 lower. Other goods-producing industries showed little change. Employment was higher than a year earlier in all the service-producing industries. Community, business and personal service accounted for almost half the increase in total employment.

The largest increase in employment from the third quarter of 1966 was in the service and recreational occupations. Office and professional workers as a group accounted for 115,000, or 4.5 per cent of the gain in total employment. Farmers accounted for most of the year-to-year increase of 45,000 in the primary occupations.

Employment by Occupation

|   | Third Quarter Averages (000's) |       | Year-to-Year Change (000's) % |       |
|---|--------------------------------|-------|-------------------------------|-------|
|   | 1967                           | 1966  |                               |       |
| All occupations                                   | 7,735                          | 7,477 | +258                          | + 3.5 |
| Managerial  | 704                            | 668   | + 36                          | + 5.4 |
| Professional and technical                        | 883                            | 853   | + 30                          | + 3.5 |
| Clerical  | 1,067                          | 1,043 | + 24                          | + 2.3 |
| Sales   | 511                            | 486   | + 25                          | + 5.1 |
| Service and recreation                            | 929                            | 858   | + 71                          | + 8.3 |
| Transport and communication                       | 425                            | 421   | + 4                           | + 1.0 |
| Primary(1)  | 853                            | 808   | + 45                          | + 5.6 |
| Craftsmen, production process and related workers | 1,987                          | 1,951 | + 36                          | + 1.8 |
| Labourers and unskilled workers(2)                | 376                            | 389   | - 13                          | - 3.3 |

(1) Includes farming, fishing, trapping, logging and mining occupations.

(2) Includes labourers and unskilled workers not farming, fishing, logging, or mining.

## Technical Notes

### Scope of Labour Force Survey

The statistics contained in this report are based on information obtained through a sample survey of households. Interviews are carried out in nearly 35,000 households chosen by area sampling methods across the country. Percentages of total households selected for the sample were as follows: Atlantic region, 1.6 p.c.; Quebec, 0.5 p.c.; Ontario, 0.5 p.c.; Prairie region, 0.8 p.c.; British Columbia, 0.7 p.c. The Labour Force Survey, started in November 1945, was taken at quarterly intervals until November 1952. Since then it has been carried out monthly. Estimates of employment, unemployment and non-labour force activity refer to the specific week covered by the survey each month.

The sample used in the surveys of the labour force has been designed to represent all persons in the population 14 years of age and over residing in Canada, with the exception of: residents of the Yukon and Northwest Territories, Indians living on reserves, inmates of institutions and members of the armed forces. These excluded categories amount to about three per cent of the total population 14 years of age and over.

Estimates derived from a sample survey are subject to sampling and non-sampling errors. Aspects of this subject in relation to the Labour Force Survey are reviewed under "Reliability of Estimates" on page 8.

### Labour Force Statistics

Contents of the Tables - The results of the survey are presented in the tables on pages 4 to 7 of this report.

Canada, Labour Force (pages 4 and 5).

Tables 1 to 3 refer to the labour force, employment and unemployment and contain labour force participation and unemployment rates.

Canada, Employed (page 6). Tables 4 to 6 contain further detail on employment.

Canada, Unemployed (page 7). Table 7 contains further detail on unemployment.

Regions, Labour Force (page 7). Table 8 contains labour force data for the regions.

Supplementary Data - From time to time, additional data on particular aspects of the labour force or its components will be obtained. Such material, as it becomes available, will be either included in this report or released in separate reports.

Other Data Available - In addition to the published statistics, there is a considerable amount of data which can be obtained on request. Following is a list of material available.

For Canada only:

1. Age and sex distributions.
2. Marital status and sex distributions.
3. Employed -
  - (a) Reasons for working less than full-time.
  - (b) Hours worked by sex for total employed, agriculture and non-agriculture, and for paid workers, non-agriculture.
  - (c) Industry and occupation groups, by sex for total employed and for paid workers.
4. Persons not in the labour force by category.

For regions:

5. Labour force: by age; by sex, agricultural and nonagricultural.  
Employed: by age.

For individual provinces of Atlantic and Prairie regions:

6. Population 14 years of age and over and labour force: by sex.  
Total employed, total unemployed, and total persons not in labour force.

### Definitions and Explanations

Labour Force - The civilian labour force is composed of that portion of the civilian noninstitutional population 14 years of age and over who, during the reference week, were employed or unemployed.

Employed - The employed includes all persons who, during the reference week:

- (a) did any work for pay or profit;
- (b) did any work which contributed to the running of a farm or business operated by a related member of the household; or
- (c) had a job, but were not at work, because of bad weather, illness, industrial dispute, or vacation, or because they were taking time off for other reasons.

Persons who had jobs but did not work during the reference week and who also looked for work are included in the unemployed as persons without work and seeking work.

Unemployed - The unemployed includes all persons who, through the reference week:

- (a) were without work and seeking work, i.e., did no work during the reference week and were looking for work; or would have been looking for work except that they were temporarily ill, were on indefinite or prolonged layoff, or believed no suitable work was available in the community; or
- (b) were temporarily laid off for the full week, i.e., were waiting to be called back to a job from which they had been laid off for less than 30 days.

Not in the Labour Force - Those not in the labour force include all civilians 14 years of age and over (exclusive of institutional population) who are not classified as employed or unemployed. This category includes those: going to school; keeping house; too old or otherwise unable to work; and voluntarily idle or retired. Housewives, students and others who worked part-time are classified as employed. If they looked for work they are classified as unemployed.

# Canada, Labour Force

- 4 -

(Estimates in thousands)

Note: Due to the introduction of revised weighting factors in March 1965, small adjustments have been made to estimates published before that time. See the March 1965 edition of this report, page 8.

| Table 1<br>Summary                     | S.D.<br>(1) | 1967       |             | 1966             |             | 1965             |             |
|--|-------------|------------|-------------|------------------|-------------|------------------|-------------|
|  |             | Oct.<br>14 | Sept.<br>16 | Oct.<br>15       | Sept.<br>17 | Oct.<br>16       | Sept.<br>18 |
| <u>Total</u>                           |             |            |             |                  |             |                  |             |
| Population 14 years of age and over(2) |             | 13,997     | 13,963      | 13,587           | 13,555      | 13,226           | 13,200      |
| Labour force                           | a           | 7,691      | 7,730       | 7,519            | 7,516       | 7,179            | 7,159       |
| Employed                               | a           | 7,437      | 7,511       | 7,324            | 7,311       | 7,008            | 6,983       |
| Agriculture                            | d           | 603        | 635         | 561              | 603         | 632              | 625         |
| Non-agriculture                        | a           | 6,834      | 6,876       | 6,763            | 6,708       | 6,376            | 6,358       |
| Unemployed                             | d           | 254        | 219         | 195              | 205         | 171              | 176         |
| Not in the labour force                | a           | 6,306      | 6,233       | 6,068            | 6,039       | 6,047            | 6,041       |
| -----                                  |             |            |             |                  |             |                  |             |
| Participation rate (3)                 | a           | 54.9       | 55.4        | 55.3             | 55.4        | 54.3             | 54.2        |
| Unemployment rate (4)                  |             |            |             |                  |             |                  |             |
| Actual                                 | d           | 3.3        | 2.8         | 2.6              | 2.7         | 2.4              | 2.5         |
| Seasonally adjusted                    |             | 4.7        | 4.1         | 3.7 <sup>r</sup> | 3.9         | 3.4 <sup>r</sup> | 3.6         |
| <u>Men</u>                             |             |            |             |                  |             |                  |             |
| Population 14 years of age and over(2) |             | 6,938      | 6,921       | 6,735            | 6,719       | 6,555            | 6,542       |
| Labour force                           | a           | 5,305      | 5,335       | 5,207            | 5,204       | 5,057            | 5,075       |
| Employed                               | a           | 5,117      | 5,183       | 5,070            | 5,061       | 4,931            | 4,945       |
| Agriculture                            | d           | 515        | 532         | 487              | 510         | 540              | 537         |
| Non-agriculture                        | a           | 4,602      | 4,651       | 4,583            | 4,551       | 4,391            | 4,408       |
| Unemployed                             | d           | 188        | 152         | 137              | 143         | 126              | 130         |
| Not in the labour force                | b           | 1,633      | 1,586       | 1,528            | 1,515       | 1,498            | 1,467       |
| -----                                  |             |            |             |                  |             |                  |             |
| Participation rate (3)                 | a           | 76.5       | 77.1        | 77.3             | 77.5        | 77.1             | 77.6        |
| Unemployment rate (4)                  | d           | 3.5        | 2.8         | 2.6              | 2.7         | 2.5              | 2.6         |
| <u>Women</u>                           |             |            |             |                  |             |                  |             |
| Population 14 years of age and over(2) |             | 7,059      | 7,042       | 6,852            | 6,836       | 6,671            | 6,658       |
| Labour force                           | b           | 2,386      | 2,395       | 2,312            | 2,312       | 2,122            | 2,084       |
| Employed                               | b           | 2,320      | 2,328       | 2,254            | 2,250       | 2,077            | 2,038       |
| Agriculture                            | e           | 88         | 103         | 74               | 93          | 92               | 88          |
| Non-agriculture                        | b           | 2,232      | 2,225       | 2,180            | 2,157       | 1,985            | 1,950       |
| Unemployed                             | e           | 66         | 67          | 58               | 62          | 45               | 46          |
| Not in the labour force                | a           | 4,673      | 4,647       | 4,540            | 4,524       | 4,549            | 4,574       |
| -----                                  |             |            |             |                  |             |                  |             |
| Participation rate (3)                 | b           | 33.8       | 34.0        | 33.7             | 33.8        | 31.8             | 31.3        |
| Unemployment rate (4)                  | e           | 2.8        | 2.8         | 2.5              | 2.7         | 2.1              | 2.2         |

(1) "S.D." = Standard deviation. For explanation, see "Reliability of Estimates", page 8.

(2) Excludes inmates of institutions, members of the armed services, Indians living on reserves and residents of the Yukon and Northwest Territories.

(3) The labour force as a percentage of the population 14 years of age and over.

(4) The unemployed as a percentage of the labour force.

r Revised.

Note: With the exception of Tables 2 and 5, all statistics refer to a specific week, the last day of which is indicated.

Note: Due to the introduction of revised weighting factors in March 1965, small adjustments have been made to estimates published before that time. See the March 1965 edition of this report, page 8.

| Table 2<br>Annual averages,<br>1946-1966   |   | S.D.<br>(1) | 1966   | 1965   | 1964   | 1963   | 1962   | 1961   | 1960   | 1959   | 1958   | 1957   |       |
|--|---|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| Population 14 years<br>of age and over (2) |   |             | 13,475 | 13,128 | 12,817 | 12,536 | 12,280 | 12,053 | 11,831 | 11,605 | 11,388 | 11,123 |       |
| Labour force                               | a |             | 7,420  | 7,141  | 6,933  | 6,748  | 6,615  | 6,521  | 6,411  | 6,242  | 6,137  | 6,008  |       |
| Employed                                   | a |             | 7,152  | 6,862  | 6,609  | 6,375  | 6,225  | 6,055  | 5,965  | 5,870  | 5,706  | 5,731  |       |
| Agriculture                                | d |             | 544    | 594    | 630    | 649    | 660    | 681    | 683    | 700    | 718    | 748    |       |
| Non-agriculture                            | a |             | 6,609  | 6,268  | 5,979  | 5,726  | 5,565  | 5,374  | 5,282  | 5,170  | 4,988  | 4,983  |       |
| Unemployed                                 | d |             | 267    | 280    | 324    | 374    | 390    | 466    | 446    | 372    | 432    | 278    |       |
| Not in the labour<br>force                 | a |             | 6,055  | 5,986  | 5,884  | 5,787  | 5,665  | 5,531  | 5,420  | 5,363  | 5,250  | 5,115  |       |
| Participation rate(3)                      | a |             | 55.1   | 54.4   | 54.1   | 53.8   | 53.9   | 54.1   | 54.2   | 53.8   | 53.9   | 54.0   |       |
| Unemployment rate (4)                      | d |             | 3.6    | 3.9    | 4.7    | 5.5    | 5.9    | 7.1    | 7.0    | 6.0    | 7.0    | 4.6    |       |
|  |   |             | 1956   | 1955   | 1954   | 1953   | 1952   | 1951   | 1950   | 1949   | 1948   | 1947   | 1946  |
| Population 14 years<br>of age and over (2) |   |             | 10,807 | 10,597 | 10,391 | 10,164 | 9,956  | 9,732  | 9,615  | 9,268  | 9,141  | 9,007  | 8,779 |
| Labour force                               |   |             | 5,782  | 5,610  | 5,493  | 5,397  | 5,324  | 5,223  | 5,163  | 5,055  | 4,988  | 4,942  | 4,829 |
| Employed                                   |   |             | 5,585  | 5,364  | 5,243  | 5,235  | 5,169  | 5,097  | 4,976  | 4,913  | 4,875  | 4,832  | 4,666 |
| Agriculture                                |   |             | 777    | 819    | 878    | 858    | 891    | 939    | 1,018  | 1,077  | 1,096  | 1,122  | 1,186 |
| Non-agriculture                            |   |             | 4,808  | 4,546  | 4,365  | 4,377  | 4,278  | 4,158  | 3,958  | 3,837  | 3,779  | 3,711  | 3,480 |
| Unemployed                                 |   |             | 197    | 245    | 250    | 162    | 155    | 126    | 186    | 141    | 114    | 110    | 163   |
| Not in the labour<br>force                 |   |             | 5,025  | 4,987  | 4,898  | 4,767  | 4,632  | 4,509  | 4,453  | 4,213  | 4,153  | 4,065  | 3,950 |
| Participation rate(3)                      |   |             | 53.5   | 52.9   | 52.9   | 53.1   | 53.5   | 53.7   | 53.7   | 54.5   | 54.6   | 54.9   | 55.0  |
| Unemployment rate (4)                      |   |             | 3.4    | 4.4    | 4.6    | 3.0    | 2.9    | 2.4    | 3.6    | 2.8    | 2.3    | 2.2    | 3.4   |

| Table 3<br>Age, sex, and marital status<br>Week ended October 14, 1967 | Total   | 14-19<br>years<br>all<br>persons | 20-64 years |         |         |         | 65 years<br>and over<br>all<br>persons |
|--|---------|----------------------------------|-------------|---------|---------|---------|--|
|  |         |                                  | Men         |         | Women   |         |  |
|  |         |                                  | Married     | Other   | Married | Other   |  |
| Population 14 years of age and over(2)                                 | 13,997  | 2,318                            | 4,010 a     | 1,060 b | 4,096 a | 1,032 c | 1,481                                  |
| Labour force   | 7,691 a | 751 c                            | 3,859 a     | 865 c   | 1,267 c | 728 c   | 221 d                                  |
| Employed   | 7,437 a | 690 c                            | 3,767 a     | 814 c   | 1,245 c | 706 c   | 215 d                                  |
| Unemployed   | 254 d   | 61 e                             | 92 e        | 51 e    | 22 f    | 22 f    | 6 g                                    |
| Not in the labour force  | 6,306 a | 1,567 b                          | 151 d       | 195 d   | 2,829 b | 304 d   | 1,260 a                                |
| Participation rate (3) - 1967, Oct. 14                                 | 54.9 a  | 32.4 c                           | 96.2 a      | 81.6 a  | 30.9 c  | 70.5 b  | 14.9 d                                 |
| Sept.16  | 55.4    | 33.4                             | 96.4        | 83.6    | 31.0    | 70.5    | 15.1                                   |
| Unemployment rate (4) - 1967, Oct. 14                                  | 3.3 d   | 8.1 e                            | 2.4 e       | 5.9 e   | 1.7 f   | 3.0 f   | 2.7 g                                  |
| Sept.16  | 2.8     | 7.5                              | 1.8         | 4.7     | 1.4     | 3.3     | 2.7                                    |

(1)(2)(3)(4) See footnotes on opposite page.

Note: a) The alphabetic symbol following each estimate in table 3 indicates its standard deviation.

For explanation, see "Reliability of Estimates", page 8.

b) Newfoundland included in estimates only from 1950.

## Canada, Employed

(Estimates in thousands)

Note: Due to the introduction of revised weighting factors in March 1965, small adjustments have been made to estimates published before that time. See the March 1965 edition of this report, page 8.

| Table 4<br>Summary                         | S.D.<br>(1) | 1967          |             | 1966          |             | 1965          |             |
|--|-------------|---------------|-------------|---------------|-------------|---------------|-------------|
|  |             | Oct.<br>14(2) | Sept.<br>16 | Oct.<br>15(2) | Sept.<br>17 | Oct.<br>16(2) | Sept.<br>18 |
| Total employed                             | a           | 7,437         | 7,511       | 7,324         | 7,311       | 7,008         | 6,983       |
| Agriculture                                | d           | 603           | 635         | 561           | 603         | 632           | 625         |
| Non-agriculture                            | a           | 6,834         | 6,876       | 6,763         | 6,708       | 6,376         | 6,358       |
| <hr/>                                      |             |               |             |               |             |               |             |
| Employed, non-agriculture                  | a           | 6,834         | 6,876       | 6,763         | 6,708       | 6,376         | 6,358       |
| Usually work 35 hours or more              | a           | 6,161         | 6,267       | 6,104         | 6,113       | 5,799         | 5,814       |
| At work 35 hours or more                   | a           | 3,473         | 5,746       | 3,601         | 5,609       | 3,417         | 5,399       |
| At work less than 35 hours, or not at work | c           | 2,688         | 521         | 2,503         | 504         | 2,382         | 415         |
| Due to economic reasons(3)                 | e           | 73            | 71          | 52            | 48          | 49            | 43          |
| Due to other reasons(4)                    | c           | 2,615         | 450         | 2,451         | 456         | 2,333         | 372         |
| Usually work less than 35 hours            | c           | 673           | 609         | 659           | 595         | 577           | 544         |

| Table 5<br>Industry                 | S.D.<br>(1) | 1967                 |                       | 1966                 |                       | 1965                 |                       |
|-------------------------------------|-------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|
|                                     |             | Average<br>Aug./Oct. | Average<br>July/Sept. | Average<br>Aug./Oct. | Average<br>July/Sept. | Average<br>Aug./Oct. | Average<br>July/Sept. |
| Total employed                      | a           | 7,601                | 7,735                 | 7,404                | 7,477                 | 7,090                | 7,171                 |
| Agriculture                         | d           | 648                  | 674                   | 604                  | 636                   | 664                  | 688                   |
| Other primary industries            | d           | 236                  | 244                   | 235                  | 240                   | 269                  | 280                   |
| Manufacturing                       | c           | 1,769                | 1,798                 | 1,805                | 1,810                 | 1,680                | 1,688                 |
| Construction                        | c           | 520                  | 531                   | 541                  | 559                   | 523                  | 537                   |
| Transportation and other utilities  | c           | 675                  | 686                   | 648                  | 648                   | 626                  | 637                   |
| Trade                               | c           | 1,241                | 1,262                 | 1,188                | 1,197                 | 1,137                | 1,159                 |
| Finance, insurance, real estate     | c           | 314                  | 316                   | 305                  | 306                   | 290                  | 289                   |
| Community, personal, other services | c           | 1,745                | 1,756                 | 1,655                | 1,645                 | 1,488                | 1,463                 |
| Public administration               | c           | 453                  | 468                   | 423                  | 436                   | 413                  | 430                   |

Note: From October 1962 to February 1966, the three-month averages in this table have been based on one-third of the records enumerated each month for the Labour Force Survey. Beginning with the three-month averages for January to March 1966, all of the records have been coded by industry each month and the averages are based on the full monthly surveys. Monthly estimates of employment by industry and occupation are available on request in the Special Tables series mentioned on page 3, "Other Data Available".

| Table 6<br>Class of worker, agriculture and non-agriculture, and sex<br>Week ended October 14, 1967 | Total   | Paid workers | Own account workers | Employers | Unpaid family workers |
|---|---------|--------------|---------------------|-----------|-----------------------|
| Total employed  | 7,437 a | 6,318 a      | 578 c               | 349 c     | 192 d                 |
| Agriculture   | 603 d   | 106 e        | 313 d               | 56 e      | 128 e                 |
| Non-agriculture   | 6,834 a | 6,212 a      | 265 d               | 293 d     | 64 e                  |
| Men   | 5,117 a | 4,219 a      | 500 c               | 317 c     | 81 e                  |
| Agriculture   | 515 d   | 86 e         | 305 d               | 54 f      | 70 e                  |
| Non-agriculture   | 4,602 a | 4,133 a      | 195 d               | 263 d     | 11 g                  |
| Women   | 2,320 b | 2,099 b      | 78 e                | 32 e      | 111 d                 |
| Agriculture   | 88 e    | 20 f         | 8 g                 | 2 g       | 58 e                  |
| Non-agriculture   | 2,232 b | 2,079 b      | 70 e                | 30 e      | 53 e                  |

(1) "S.D." = Standard deviation. For explanation, see "Reliability of Estimates", page 8. (2) In October 1965, 1966 and 1967, an unusually large number worked less than 35 hours due to Thanksgiving Day being in the reference week. (3) Economic reasons for not working 35 hours or more include short time, layoff for part of the week and termination or start of employment during the week. (4) Other reasons for not working 35 hours or more include illness, bad weather, industrial dispute, vacation, and reasons such as a statutory holiday in the week. Note: The alphabetic symbol following each estimate in table 6 indicates its standard deviation. For explanation, see "Reliability of Estimates", page 8.

Note: Due to the introduction of revised weighting factors in March 1965, small adjustments have been made to estimates published before that time. See the March 1965 edition of this report, page 8.

| Table 7<br>Unemployed             | S.D.<br>(1) | 1967       |             | 1966       |             | 1965       |             |
|-----------------------------------|-------------|------------|-------------|------------|-------------|------------|-------------|
|                                   |             | Oct.<br>14 | Sept.<br>16 | Oct.<br>15 | Sept.<br>17 | Oct.<br>16 | Sept.<br>18 |
| Total unemployed                  | d           | 254        | 219         | 195        | 205         | 171        | 176         |
| Without work and seeking work     | d           | 232        | 206         | 184        | 196         | 161        | 167         |
| Seeking full-time work            | d           | 219        | 194         | 167        | 182         | 152        | 156         |
| Seeking part-time work            | f           | 13         | 12          | 17         | 14          | 9          | 11          |
| On temporary layoff up to 30 days | f           | 22         | 13          | 11         | 9           | 10         | 9           |
| <hr/>                             |             |            |             |            |             |            |             |
| Without work and seeking work     | d           | 232        | 206         | 184        | 196         | 161        | 167         |
| Seeking under 1 month             | e           | 91         | 76          | 73         | 80          | 64         | 67          |
| Seeking 1-3 months                | e           | 77         | 73          | 60         | 73          | 55         | 55          |
| Seeking 4-6 months                | e           | 35         | 29          | 24         | 21          | 22         | 20          |
| Seeking more than 6 months        | e           | 29         | 28          | 27         | 22          | 20         | 25          |

| Table 8<br>Regional distributions<br>Week ended October 14, 1967 | Canada  | Atlantic<br>region | Quebec  | Ontario | Prairie<br>region | British<br>Columbia |
|--|---------|--------------------|---------|---------|-------------------|---------------------|
| Population 14 years of age and over                              | 13,997  | 1,317              | 4,035   | 4,973   | 2,287             | 1,385               |
| Men  | 6,938   | 652                | 1,990   | 2,453   | 1,155             | 688                 |
| Women  | 7,059   | 665                | 2,045   | 2,520   | 1,132             | 697                 |
| Labour force   | 7,691 a | 653 b              | 2,181 b | 2,815 a | 1,261 b           | 781 b               |
| Men  | 5,305 a | 457 b              | 1,524 a | 1,910 a | 886 a             | 528 b               |
| Women  | 2,386 b | 196 c              | 657 c   | 905 c   | 375 c             | 253 d               |
| Employed   | 7,437 a | 626 b              | 2,085 b | 2,743 b | 1,242 b           | 741 b               |
| Men  | 5,117 a | 435 b              | 1,450 b | 1,859 a | 872 b             | 501 b               |
| Women  | 2,320 b | 191 c              | 635 c   | 884 c   | 370 c             | 240 d               |
| Agriculture  | 603 d   | 40 e               | 127 e   | 153 e   | 256 d             | 27 f                |
| Non-agriculture  | 6,834 a | 586 c              | 1,958 b | 2,590 b | 986 c             | 714 c               |
| Paid workers   | 6,318 a | 542 c              | 1,800 b | 2,415 b | 912 b             | 649 c               |
| Men  | 4,219 a | 370 b              | 1,230 b | 1,598 b | 590 b             | 431 c               |
| Women  | 2,099 b | 172 d              | 570 c   | 817 c   | 322 c             | 218 d               |
| Unemployed   | 254 d   | 27 e               | 96 e    | 72 e    | 19 e              | 40 e                |
| Men  | 188 d   | 22 e               | 74 e    | 51 e    | 14 f              | 27 e                |
| Women  | 66 e    | 5 f                | 22 f    | 21 f    | 5 g               | 13 g                |
| Not in the labour force  | 6,306 a | 664 b              | 1,854 b | 2,158 b | 1,026 b           | 604 c               |
| Men  | 1,633 b | 195 c              | 466 c   | 543 c   | 269 c             | 160 c               |
| Women  | 4,673 a | 469 b              | 1,388 b | 1,615 b | 757 b             | 444 c               |
| <hr/>  |         |                    |         |         |                   |                     |
| Employed - 1967, October 14                                      | 7,437 a | 626 b              | 2,085 b | 2,743 b | 1,242 b           | 741 b               |
| September 16   | 7,511   | 622                | 2,124   | 2,763   | 1,262             | 740                 |
| 1966, October 15   | 7,324   | 610                | 2,076   | 2,690   | 1,249             | 699                 |
| September 17   | 7,311   | 615                | 2,062   | 2,675   | 1,262             | 697                 |
| 1965, October 16   | 7,008   | 602                | 1,965   | 2,559   | 1,238             | 644                 |
| September 18   | 6,983   | 598                | 1,961   | 2,551   | 1,224             | 649                 |
| <hr/>  |         |                    |         |         |                   |                     |
| Unemployed - 1967, October 14                                    | 254 d   | 27 e               | 96 e    | 72 e    | 19 e              | 40 e                |
| September 16   | 219     | 24                 | 84      | 64      | 20                | 27                  |
| 1966, October 15   | 195     | 28                 | 73      | 50      | 16                | 28                  |
| September 17   | 205     | 27                 | 75      | 58      | 16                | 29                  |
| 1965, October 16   | 171     | 23                 | 75      | 37      | 13                | 23                  |
| September 18   | 176     | 23                 | 69      | 47      | 18                | 19                  |

(1) "S.D." = Standard deviation. For explanation, see "Reliability of Estimates", page 8.

Note: The alphabetic symbol following each estimate in table 8 indicates its standard deviation. For explanation, see "Reliability of Estimates", page 8.



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Reliability of Estimates

(a) Sampling Error

The estimates in this report are based on a sample of households. Somewhat different figures might have been obtained if a complete census had been taken using the same questionnaires, enumerators, supervisors, processing, etc. as those actually used in the Labour Force Survey. This difference is called the sampling error of the estimates. In the design and processing of the Labour Force Survey extensive efforts have been made to minimize the sampling error. The sampling error (expressed as a per cent of the estimate it refers to) is not the same for all estimates; of two estimates the larger one will likely have a smaller per cent sampling error and of two estimates of the same size the one referring to a characteristic more evenly distributed across the country will tend to have a smaller per cent sampling variability. Also, estimates relating to age and sex are usually more reliable than other estimates of comparable size.

than 0.5% of the estimate, the letter "b" indicates that the standard deviation is between 0.6% and 1.0% of the estimate and so on as shown in the table below.

| Alphabetic designation of per cent standard deviations |                             |
|--|-----------------------------|
| Alphabetic indicator                                   | Per cent standard deviation |
| a  | 0.0% - 0.5%                 |
| b  | 0.6% - 1.0%                 |
| c  | 1.1% - 2.5%                 |
| d  | 2.6% - 5.0%                 |
| e  | 5.1% - 10.0%                |
| f  | 10.1% - 15.0%               |
| g  | 15.1% -                     |

(b) Non-sampling Errors

Errors, which are not related to sampling, may occur at almost every phase of a survey operation. Enumerators may misunderstand instructions, respondents may make errors in answering questions, the answers may be incorrectly entered on the questionnaires and errors may be introduced in the processing and tabulations of the data. All these errors are called non-sampling errors. Some of the non-sampling errors will usually balance out over a large number of observations but systematically occurring errors will contribute to biases. Non-sampling errors can be reduced by a careful design of questionnaires, intensive training and supervision of enumerators and a thorough control of the processing operation. In general, the more personal and more subjective inquiries are subject to larger errors. Also, data referring to persons with less stable labour force status will have relatively large non-sampling errors.

The actual standard deviation of an estimate is not the same each month. Since the standard deviations of the current estimates are not available at the time when this report is published, the alphabetic indicators are based on the average standard deviations during the last year. They should, therefore, be interpreted only as indications of the order of magnitude of the standard deviations.

(d) Standard Deviation of Month-to-Month Changes

A rough upper limit for the standard deviation of the difference (change) between two estimates referring to two months up to a year apart may also be indicated using the table above. For most characteristics published in this report the standard deviation of the difference between two estimates is likely to be somewhat smaller than the standard deviation of the smaller of the two estimates or in the immediately preceding range.

(c) Alphabetic Indicators of Standard Deviation

The sampling error, as described under (a) is not known. A quantity, called the standard deviation, can however be estimated from sample data itself. The standard deviation of an estimate is a statistical measure of its sampling error. It also partially measures the effect of non-sampling errors, but does not reflect any systematic biases in the data. The chances are about 68 out of 100 that the difference between a sample estimate and the corresponding census figure would be less than the standard deviation. The chances are about 95 out of 100 that the difference would be less than twice the standard deviation and about 99 out of 100 that it would be less than 2 1/2 times as large.

For example, suppose that a hypothetical estimate in May and June was 513,000 and 625,000 respectively and the per cent standard deviation of both estimates was indicated by the letter "c", i.e. it was between 1.1% and 2.5%. The difference between the May and June estimates (112,000) would, therefore, have a standard deviation which would likely be smaller than 2.5% of 513,000, i.e. it would likely be smaller than 12,800.

(e) Current Estimates of Standard Deviations

Standard deviations are computed monthly for several estimates and month-to-month changes. These are available usually in a few weeks after the publication of this report and can be obtained on request. Beginning with 1966, an annual report on the standard deviations during the last year will be released.

The standard deviations of the estimates, expressed as a per cent of the estimates, are indicated by letters. The letter "a" indicates that the standard deviation is smaller

Third Quarter Review of the Labour Force 1966-1967 (continued from page 2)

Substantial increases in employment from a year earlier were recorded for Quebec (4.3 per cent), Ontario (4.0 per cent) and British Columbia (5.5 per cent). In the Atlantic and Prairie regions the year-to-year change was slight.

Comparing third quarters, unemployment was slightly higher in 1967 than in 1966 for Ontario and Quebec; in the Atlantic and Prairie regions and in British Columbia there was little change.

Total unemployment averaged 250,000 in the third quarter of 1967, up 24,000 from the corresponding quarter of 1966. Men accounted for 19,000 of this increase. Unemployed persons comprised 3.1 per cent of the labour force compared with 2.9 per cent a year earlier.

Unemployment and Unemployment Rates by Region  
Third Quarter Averages

|          | Unemployment<br>(000's) |      | Unemployment Rates<br>% |      |
|----------|-------------------------|------|-------------------------|------|
|          | 1967                    | 1966 | 1967                    | 1966 |
| Atlantic | 26                      | 27   | 3.9                     | 4.1  |
| Quebec   | 92                      | 82   | 4.0                     | 3.8  |
| Ontario  | 81                      | 70   | 2.8                     | 2.5  |
| Prairies | 21                      | 18   | 1.6                     | 1.4  |
| B.C.     | 30                      | 28   | 3.8                     | 3.8  |

Unemployment and Unemployment Rates by Sex  
Third Quarter Averages

|       | Unemployment<br>(000's) |      | Unemployment Rates<br>% |      |
|-------|-------------------------|------|-------------------------|------|
|       | 1967                    | 1966 | 1967                    | 1966 |
| Total | 250                     | 226  | 3.1                     | 2.9  |
| Men   | 182                     | 163  | 3.3                     | 3.0  |
| Women | 68                      | 63   | 2.8                     | 2.7  |