CATALOGUE No.

## 71-001

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. $23-$ No. 4

THE LABOUR FORCE
APRIL 1967

©. 1

The Canadian labour force was estimated at 7,490,000 in the week ended April 22, 1967. There were 7,125,000 persons employed for all or part of the week and 365,000 unemployed for the whole week. Between March and April, the labour force was virtually unchanged, the employed having increased by 36,000 and the unemployed having decreased by 35,000. Compared with April 1966, the labour force was 242,000 higher; employment and unemployment were up 175,000 and 67,000 , respectively, from a year earlier.

Between March and April, employment in agriculture increased by 43,000 while in non-
agricultural intusteres there was little change. There were 188,000 more persons employed in nonagricultural industries than in April 1966 ; agricultural employment was slightly lower. There was a March-to-April increase in employment of 59,000 among men; employment of women decreased by 23,000 . Women accounted for 102,000 of the year-to-year increase in employment and men for 73,000 .

Expressed as a percentage of the labour force, the unemployment rate was 4.9 in April, compared with 5.3 in March this year and 4.1 in April 1966. Seasonally adjusted, the unemployment rate in April 1967 was 3.9.


## First Quarter Review of the habor Fovet

In the first quarter of 1967 , the average number of persons in the labour force was $7,410,000$, an increase of 284,000 from the corresponding quarter of 1966. Employment at $7,017,000$ was 243,000 higher and unemployment at 392,000 was 40,000 higher than a year earlier.

|  | (000's) |  |
| :---: | :---: | :---: |
|  | 1967 | 1966 |
| Labour Force | 7,410 | 7,726 |
| Employment | 7,017 | 6,774 |
| Unemployment | 392 | 352 |

The rapid growth of tiae labour force, in evidence during the past two years, continued into the first quarter of 1967. The year-to-year increase of 4.0 per cent this quarter was the highest of any first quarter on record. The labour force was substantially higher than a year earlier in all regions except the Atlantic region.

Of the total increase in the labour force, between the first quarter of 1966 and the first quarter of 1967 , men accounted for 128,000 and women 156,000 . The rates of increase of 2.5 per cent for men and 7.4 per cent for women remain relatively high. For both men and women the largest relative gains were among those 20-24 years of age.

|  | The Labour Force |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | First Quarter $\frac{\text { Averages }}{\left(000^{\prime} s\right)}$ |  | $\begin{aligned} & \text { Year-to-Year } \\ & \text { Increase } \\ & \left(000^{\prime} \mathrm{s}\right) \end{aligned}$ |  |
|  | 1967 | 1966 |  |  |
| Men |  |  |  |  |
| All ages | 5,149 | 5,021 | 128 | 2.5 |
| 14-19 | 384 | 364 | 20 | 5.5 |
| 20-24 | 619 | 576 | 43 | 7.5 |
| 25-44 | 2,359 | 2,318 | 41 | 1.8 |
| 45 and over | 1,787 | 1,762 | 25 | 1.4 |
| Women |  |  |  |  |
| All ages | 2,261 | 2,105 | 156 | 7.4 |
| 14-19 | 303 | 295 | 8 | 2.7 |
| 20-24 | 419 | 383 | 36 | 9.4 |
| 25-44 | 872 | 816 | 56 | 6.9 |
| 45 and over | 667 | 611 | 56 | 9.2 |

Total employment averaged $7,017,000$ in the first quarter of 1967 , a rise of 243,000 , or 3.6 per cent, from the corresponding quarter of 1966 . Male employment rose by 102,000 , or 2.2 per cent, and female employment by 143,000 , or 7.0 per cent.

In the service-producing industries employment was 214,000 higher in the first qiarter of 1967 than in the first quarter of 1966 and accounted for 88 per cent of the year-to-year increase in total employment. In the goods-
 ing more than compensated for the losses in the other industries.

## Employment by Industry



The largest absolute increases in employment from a year earlier were in manufacturing (41,000 for men; 34,000 for women) and in community, personal and other service $(40,000$ for men; 47,000 for women).

Comparing first quarters, employment was substantially higher in 1967 than in 1966 for all regions except the Atlantic region where it was virtually unchanged.

Employment by Region
First Quarter
Averages

$\left(000^{\prime} s\right)$ | Percentage |
| :---: |
| $\frac{1967}{\text { Increase }}$ |

Total unemployment averaged 392,000 in the first quarter of 1967, an increase of 40,000 from the first quarter of 1966. Unemployment was higher than a year earlier by 26,000 for men and by 14,000 for women. The unemployed as a percentage of the Camadian labour force rose frow 4.9 to 5.3.
(continued on paye

## Technical Notes

## Scope of Labour Porce 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 Sur vey, started in November 1945, was taken at quar terly 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 Iiving 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 "Rellabllity of Estimates" on page 8.

## Labour Force Statistics

Contents of the Tables - The resules 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, em-
ployment 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 con-
tains further detall 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.

For Canada only:

1. Age and sex distributions
2. Marital status and sex distributions.
3. Employed
(a) Reasons for working less than Eull-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 At lantic 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. published statistics, there is a considerable amount of data which can be obtained on request. Following is a list of material available.

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 belfeved no suitable work was available in the comminity; 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.
(Estimates in thousands)
Note: Due to the introduction of revised weighting factors in March 1255 small adjustments have been made to estimates published before that tiat. See the March 1965 edition of this report, page 8.

(1) "S.D." = Standard deviation. For explanation, see "Reliability of Estimates", page 8 .
(2) Excludes inmates of institutions, members of the armed services, Indians liviag Sn resestiver and residents of the Yukon and Northwest Territories.
(3) The labour force as a percentage of the population la yexta of aga tad over.
(4) The unemployed as a percentage of the labour force.

Note: With the exception of Tables 2 and 5 , all statiskiss gefer co a sectif: weak, fite iask finy 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, $1946-1966$ | $\begin{aligned} & \text { S.D. } \\ & \text { (1) } \end{aligned}$ | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 | 1957 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Population 14 years 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 force |  | 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 | 4.71 | 5.5 | 5.9 | 7.1 | 7.0 | 6.01 | 7.0 | 4.6 |
|  | 1956 | 1955 | 1954 | 1953 | 1952 | 1951 | 1950 | 1949 | 1948 | 1947 | 1946 |
| Population 14 years of age and over (2) | 10,807 | 7 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 | 719 | 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 | 7 245 | 250 | 162 | 155 | 126 | 186 | 141 | 114 | 110 | 163 |
| Not in the labour 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 Week ended April 22, 1967 | Total | $\begin{gathered} 14-19 \\ \text { years } \\ \text { all } \\ \text { persons } \end{gathered}$ | 20-64 years |  |  |  | 65 years and over all persons |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Men |  | Women |  |  |
|  |  |  | Married | Other | Married | Other |  |
| Population 14 years of age and over(2) | 13,790 | 2,284 | 3,942 a | 1,048 b | 4,006 a | 1,045 c | 1,465 |
| Labour force | 7,490 a | 712 c | 3,767 a | 862 c | 1,186 c | 746 c | 217 d |
| Employed | 7,125 a | 648 c | 3,609 a | 777 c | 1,161 c | 723 23 c | 207 d 10 g |
| Unemployed | 365 d | 64 e | 158 e | 85 e | 25 f |  |  |
| Not in the labour $f$ | 6,300 a | 1,572 b | 175 d | 186 d | 2,820 b | 299 d | 1,248 a |
| Participation rate (3) - $\begin{array}{r}1967 \text { Apr. } 22 \\ \text { Mar. } 18\end{array}$ | $\begin{aligned} & 54.3 \text { a } \\ & 54.5 \end{aligned}$ | $\begin{aligned} & 31.2 c \\ & 31.7 \end{aligned}$ | $\begin{aligned} & 95.6 \text { a } \\ & 95.5 \end{aligned}$ | $\begin{aligned} & 82.3 \mathrm{a} \\ & 81.9 \end{aligned}$ | $\begin{aligned} & 29.6 c \\ & 30.2 \end{aligned}$ | $\begin{aligned} & 71.4 \mathrm{~b} \\ & 71.6 \end{aligned}$ | $\begin{aligned} & 14.8 \mathrm{~d} \\ & 14.7 \end{aligned}$ |
| Unemployment rate (4) - 1967 Apr. 22 | 4.9 d | 9.0 e | 4.2 e | 9.9 e | 2.1 f | 3.1 f | 4.6 g |
| Mar. 18 | 5.3 | 10.0 | 4.7 | 10.5 | 2.3 | 2.8 | 5.6 |

(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.

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.

| $\frac{\text { Table } 4}{\text { Sumary }}$ | $\begin{aligned} & \text { S.D. } \\ & \text { (1) } \end{aligned}$ | 1967 |  | 1966 |  | 1965 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { Apri1 } \\ 22 \end{gathered}$ | March 18 | $\begin{gathered} \text { April } \\ 23 \end{gathered}$ | March $19$ | $\begin{aligned} & \text { April } \\ & 17(2) \end{aligned}$ | $\begin{gathered} \text { March } \\ 20 \end{gathered}$ |
| Total employed | a | 7,125 | 7,089 | 6,950 | 6,821 | 6,597 | 6,521 |
| Agriculture | d | 504 | 461 | 517 | 475 | 563 | 538 |
| Non-agriculture | a | 6,621 | 6,628 | 6,433 | 6,346 | 6,034 | 5,983 |
| Employed, non-agriculture | a | 6,621 | 6,628 | 6,433 | 6,346 | 6,034 | 5,983 |
| Usually work 35 hours or more | a | 5,950 | 5,953 | 5,811 | 5,742 | 5,450 | 5,406 |
| At work 35 hours or more | a | 5,560 | 5,506 | 5,413 | 5,320 | 2,725 | 5,061 |
| At work less than 35 hours, or not at work | c | 390 | 447 | 398 | 422 | 2,725 | 345 |
| Due to economic reasons(3) | e | 63 | 77 | 53 | 51 | 81 | 60 |
| Due to other reasons(4) | c | 327 | 370 | 345 | 371 | 2,644 | 285 |
| Usually work less than 35 hours | c | 671 | 675 | 622 | 604 | 584 | 577 |



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 threemonth averages for January to March 1966, all of the records have been coded by fndustry 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 Avallable".

| Table 6 <br> Class of worker, agriculture and non-agriculture, and sex week ended April 22, 1967 | Total | $\begin{aligned} & \text { Pald } \\ & \text { workers } \end{aligned}$ | Own account workers | Employers | Unpaid £amily workers |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Total employed Agriculture Non-agriculture | $\begin{array}{r} 7,125 \mathrm{a} \\ 504 \mathrm{~d} \\ 6,621 \mathrm{a} \end{array}$ | $\begin{array}{r} 6,103 a \\ 87 \\ 6,016 a \end{array}$ | $\begin{aligned} & 541 \mathrm{c} \\ & 279 \mathrm{~d} \\ & 262 \mathrm{~d} \end{aligned}$ | $\begin{array}{r} 318 \mathrm{c} \\ 36 \mathrm{e} \\ 282 \mathrm{~d} \end{array}$ | $\begin{array}{r} 163 \mathrm{~d} \\ 102 \mathrm{e} \\ 61 \mathrm{e} \end{array}$ |
| Men <br> Agriculture Non-agriculture | $\begin{array}{r} 4,904 a \\ 451 \mathrm{~d} \\ 4,453 \mathrm{a} \end{array}$ | $\begin{array}{r} 4,075 \mathrm{a} \\ 74 \mathrm{e} \\ 4,001 \mathrm{a} \end{array}$ | $\begin{aligned} & 462 \mathrm{c} \\ & 276 \mathrm{~d} \\ & 186 \mathrm{~d} \end{aligned}$ | $\begin{array}{r} 289 \mathrm{c} \\ 35 \mathrm{f} \\ 254 \mathrm{~d} \end{array}$ | 78 e 66 e <br> 12 g |
| Women <br> Agriculture Non-agriculture | $\begin{array}{r} 2,221 \mathrm{~b} \\ 53 \mathrm{e} \\ 2,168 \mathrm{~b} \end{array}$ | $\begin{array}{r} 2,028 \mathrm{~b} \\ 13 \mathrm{f} \\ 2,015 \mathrm{~b} \end{array}$ | $\begin{array}{r} 79 \mathrm{e} \\ 3 \mathrm{~g} \\ 76 \mathrm{e} \end{array}$ | $\begin{array}{r} 29 \mathrm{e} \\ 1 \mathrm{~g} \\ 28 \mathrm{e} \end{array}$ | $\begin{aligned} & 85 \mathrm{~d} \\ & 36 \mathrm{e} \\ & 49 \mathrm{e} \end{aligned}$ |

(1) "S.D." = Standard deviation. For explanation, see "Reliability of Estimates", page 8. (2) In the April 1965 reference week, an unusually large number of persons worked less than 35 hours dete to Good Friday. (3) Economic reasons for not working 35 hours or more include short time, layots 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.

| $\frac{\text { Table } 7}{\text { Unemployed }}$ | S.D. | 1967 |  | 1966 |  | 1965 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { Apri1 } \\ 22 \end{gathered}$ | $\begin{gathered} \text { March } \\ 18 \end{gathered}$ | $\begin{gathered} \text { April } \\ 23 \end{gathered}$ | March 19 | $\begin{gathered} \text { April } \\ 17 \end{gathered}$ | March 20 |
| Total unemployed | d | 365 | 400 | 298 | 341 | 371 | 387 |
| Without work and seeking work | d | 334 | 362 | 274 | 315 | 345 | 362 |
| Seeking full-time work | d | 320 | 345 | 263 | 299 | 330 | 343 |
| Seeking part-time work | f | 14 | 17 | 11 | 16 | 15 | 19 |
| On temporary layoff up to 30 days | f | 31 | 38 | 24 | 26 | 26 | 25 |
| Without work and seeking work | d | 334 | 362 | 274 | 315 | 345 | 362 |
| Seeking under 1 month | e | 93 | 91 | 71. | 68 | 81 | 79 |
| Seeking 1-3 months | e | 121 | 159 | 95 | 140 | 111 | 142 |
| Seeking 4-6 months | e | 85 | 81 | 75 | 83 | 101 | 92 |
| Seeking more than 6 months | e | 35 | 31. | 33 | 24 | 52 | 49 |


(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 "Rellability of Estimates", page 8.

## Reliability of Estimates

## (a) Sampling Error

The estimates in this report are based on a sample of households. Somewhat different figures might have been ob= tained 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 crrot (empressed 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 che 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 usublly more reliable than other escimates of comparable size.

## (b) Non-Bampling Errors

Errors, whtch are not related to sampling, may occur at Blmost every phase of a survey operation. Enumerators may misunderstand instructions, respondents may make errors in answering quescions, the answers may be incorrectly entered on the questionnaires and ertors 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 large number of observatlons but systematically occuring errors will contribute to biases. Non-sampling errors can be reduced by a careful dem slgn of questionnaires, Intensive training and supervision of enumerators and a thorough control of the processing opera* tion. In general, the more personal and more subjective inquiries are subject to larger errors. Also, datareferring to persons with less stable labour force status will have relatively large non-sampling errors.

## (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 standaxd deviation and about 99 out of 100 that it would be less than $21 / 2$ times as large,

The standard deviations of the estimates, expressed as a per cont of the estimates, are indicated by letters. The letter "a" indicates that the standard deviation is smaller
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 deviacion |
| :---: | :---: |
| a | $0.0 \%-0.5 \%$ |
| b | $0.6 \%-2.0 \%$ |
| c | $1.1 \%-2.5 \%$ |
| e | $2.6 \%-5.0 \%$ |
| E | $5.1 \%-10.0 \%$ |
| 8 | $10.1 \%-15.0 \%$ |

The actual standard deviation of an estimate is not the same each month. Since the standard deviations of the current estimates are not avallable at the time when this keport 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-Eo-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 re= port the standard deviacion of the difference between two estimates is likely to be somewhe smaller than the standard deviation of the smaller of the two estimates or in the $i m=$ mediately preceding range.

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", 1.e. It was between 1.1\% and 2.5\%. The differenci 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 , $1 . e$. it would likely be smaller than 12,800 ,

## (e) Current Estimates of Standard Deviations

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

First Quarter Review of the Labour Force 1966-1967 - Continued from page 2.

Unemployment and Unemployment Rates
First Quarter Averages

Unemployment Rates by Region First Quarter Averages

|  | Unemployment |  | Unemployment Rates |  |
| :---: | :---: | :---: | :---: | :---: |
|  | (000's) |  |  |  |
|  | 1967 | 1966 | 1967 | 1966 |
| Total | 392 | 352 | 5.3 | 4.9 |
| Men | 322 | 296 | 6.3 | 5.9 |
| Women | 70 | 56 | 3.1 | 2.7 |

[^0]
[^0]:    Comparing first quarters, unemployment utsas
    were higher in 1967 than in 1966 for Quebec, Ontario and British Columbia but somewhat lowar for the Atlantic and Prairib regions.

