Estadísticas. Chile

## STATISTICAL BULLETIN: LABOUR INFORMALITY ${ }^{1}$

## No. 24 / 6 November 2023

Note: This document is a translation of the original Labour Informality bulletin in Spanish, which is the official version.

- In the July-September 2023 quarter, the number of informally employed persons increased $0.6 \%$, equivalent to a rise of 13,871 persons.
- In the same period, the informal employment rate was estimated at $26.7 \%$, a twelvemonth decrease of 0.4 percentage points (pp).
- According to economic sector, the increase can mainly be attributed to the rises in commerce (3.6\%) and transportation and storage (9.3\%).
- The rise in informally employed persons was influenced by the increases in wage earners of the private sector ( $3.0 \%$ ) and wage earners of the public sector ( $5.5 \%$ ).

Informal employment rate (\%), according to sex, nationwide total
Moving quarters


| MOVING QUARTER <br> (July-September 2023) |  |  |
| :--- | :---: | :---: |
| Main indicators |  |  |
| Rate | 12-month |  |
| Informal employment <br> rate | $26.7 \%$ | -0.4 |
| Informal employment <br> rate, excluding the <br> agricultural sector | $25.8 \%$ | -0.6 |
| Employment rate in <br> the informal sector | $16.1 \%$ | -0.5 |
| Employed persons |  |  |
| \begin{tabular}{l\|c|c|}
\hline
\end{tabular} | Level <br> (totals) | $12-$ var. (\%) |
| Informally employed <br> persons | $2,407,112$ | 0.6 |
| Informally employed <br> persons, excluding the <br> agricultural sector | $2,205,886$ |  |
| Employed persons in <br> the informal sector | $1,452,700$ | -1.3 |
|  | 0.4 |  |

## Informal employment rate

In the July-September 2023 quarter, the informal employment rate fell 0.4 pp year on year to stand at $26.7 \%$. The fall was a result of the slower rate of expansion in informally employed persons ( $0.6 \%$ ) than in the total number of employed persons (2.0\%).

According to sex, the increase in informally employed can be attributed to the expansion in women ( $1.1 \%$ ) and men ( $0.1 \%$ ). In the same period, the informal employment rate for women fell 0.8 pp to stand at $28.1 \%$, while the rate for men fell 0.1 pp to stand at $25.6 \%$.

Analysis by age bracket
The increase in informally employed persons was mainly driven by the rises in the brackets 65 years and over ( $10.7 \%$ ) and $55-64$ years ( $3.6 \%$ ).

According to sex, the increase in men was influenced by the rise in the bracket 65 years and over (9.9\%), while the increase in women was influenced by the rise in the bracket 55-64 years (7.5\%).

The highest informal employment rates of the quarter were in the brackets 65 years and over ( $53.4 \%$ ) and $15-24$ years ( $36.0 \%$ ). These results show that informal employment is most prevalent in the highest and lowest age brackets, affecting the old and the young.

MOVING QUARTERS 2022-2023

| Informal <br> employment <br> rate $(\%)$ | Jul- <br> Sep | Aug- <br> Oct | Sep- <br> Nov | Oct- <br> Dec | Nov- <br> Jan | Dec- <br> Feb | Jan- <br> Mar | Feb- <br> Apr | Mar- <br> May | Apr- <br> Jun | May- <br> Jul | Jun- <br> Aug | Jul- <br> Sep |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Nationwide | 27.1 | 27.7 | 27.3 | 27.4 | 27.3 | 27.3 | 27.4 | 27.4 | 27.4 | 27.2 | 26.9 | 26.7 | 26.7 |
| Women | 28.9 | 29.1 | 28.3 | 28.5 | 28.4 | 29.0 | 28.9 | 28.8 | 28.6 | 28.6 | 28.3 | 28.3 | 28.1 |
| Men | 25.7 | 26.7 | 26.5 | 26.5 | 26.4 | 26.1 | 26.4 | 26.3 | 26.5 | 26.1 | 25.8 | 25.5 | 25.6 |

(1) Since the dissemination of the results of the National Employment Survey (ENE) for the February-April 2022 moving quarter, INE has been publishing a statistical note in order to provide performance and quality indicators on the collection of data. The note includes the main estimates and their respective disaggregations, in accordance with institutional statistical quality criteria,

## Main indicators

## Economic activity ${ }^{2}$

The main influences on the twelve-month increase in the population of informally employed ( $0.6 \%$ ) were the rises in commerce ( $3.6 \%$ ) and transportation and storage (9.3\%).

In the same period, the main influences on the increase in informally employed men ( $0.1 \%$ ) were the rises in transportation and storage (6.8\%) and public administration (25.0\%), while the increase in informally employed women $(1.1 \%)$ can be attributed to the rises in commerce ( $3.7 \%$ ) and manufacturing ( $5.5 \%$ ).

The highest informal employment rates were in households as employers (56.5\%) and other service activities (49.0\%).

## Analysis by occupational group ${ }^{3}$

The main influences on the twelve-month increase in the informally employed population ( $0.6 \%$ ) were the rises in professionals (18.0\%) and service and sales workers ( $2.5 \%$ ).

According to sex, the increase in men ( $0.1 \%$ ) was influenced by the rise in professionals (43.0\%), while the increase in women was influenced by the rise in service and sales workers (4.9\%).

Twelve-month variations and impacts of informally employed persons according to branch of economic activity ${ }^{\dagger}$, nationwide totals moving quarters


+ These branches had the highest positive impacts in the latest moving quarter.

The highest rates of informal employment were in agricultural and fishery workers (55.1\%) and craft and related trades workers (44.9\%).

Informally employed Persons by occupational group (CIUO 08.CL), nationwide total
July-September 2023 quarter

| Occupational category (CIUO 08.CL) | Informal employment rate (\%) | Informally employed (total) | Total | 12-month variation <br> (\%) | Impact (pp)† |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Nationwide total | 26.7 | 2,407,112 | 13,871 | 0.6 | - |
| Managers | 3.7 | 15,188* | -634 | -4.0 | 0.0 |
| Professionals | 13.1 | 200,879 | 30,676 | 18.0 | 1.3 |
| Technicians and associate professionals | 10.6 | 116,556 | -868 | -0.7 | 0.0 |
| Clerical support workers | 9.0 | 41,309 | 4,092 | 11.0 | 0.2 |
| Service and sales workers | 34.0 | 660,410 | 16,072 | 2.5 | 0.7 |
| Agricultural and fishery workers | 55.1 | 104,853 | 2,016 | 2.0 | 0.1 |
| Craft and related trades workers | 44.9 | 501,150 | -15,652 | -3.0 | -0.7 |
| Plant and machine operators and assemblers | 26.0 | 190,195 | 13,647 | 7.7 | 0.6 |
| Elementary occupations | 38.1 | 574,271 | -20,519 | -3.4 | -0.9 |
| Unidentified | 5.1** | 1,427** | 933 | 189.0 | 0.0 |
| Unclassified | 41.2** | 875** | -15,892 | -94.8 | -0.7 |

$(\dagger)$ The sum of the impacts is equal to the percentage variation and may differ if more decimals are used in the calculation.
$\left(^{*}\right)$ Estimate of low reliability (i.e., the coefficient of variation is greater than $15 \%$ and less than or equal to $30 \%$. In the case of ratio estimates, it does not meet the acceptance threshold associated with its standard error).
$\left(^{* *}\right)$ Unreliable estimate (i.e., the number of sample cases is below 60 , the degrees of freedom below 9 , or the coefficient of variation greater than $30 \%$ ).

## Analysis by occupational category

The increase in informally employed persons compared to the same quarter in the previous year ( $0.6 \%$ ) can be attributed to the rises in wage earners of the private sector (3.0\%), wage earners of the public sector (5.5\%), and unpaid family workers (2.1\%). In contrast, decreases were observed in domestic workers (-8.0\%), employers (-15.2\%), and own-account workers (-0.2\%).

The increase in informally employed women (1.1\%) was influenced by the rise in wage earners of the private sector (8.6\%), while the in-
crease in informally employed men (0.1\%) was influenced by the rise in wage earners of the public sector (14.2\%).

Own-account workers and wage earners of the private sector made up $85.5 \%$ of the total number of informally employed persons. The informal employment rate of these two categories was $67.0 \%$ and $14.8 \%$, respectively.

The highest rates of informal employment were in own-account workers (67.0\%) and domestic workers (53.2\%).

[^0]Distribution of informally employed persons, according occupational category, nationwide total moving quarters


Informal own-account workers
The twelve-month decrease in informal own-account workers ( $-0.2 \%$ ) can be exclusively attributed to the fall in men ( $-0.5 \%$ ). According to activity, the decrease was led by the falls in construction ( $-7.1 \%$ ) and accommodation and food service (-14.2\%).

## Informal wage earners

The year-on-year increase in the number of informal wage earners (3.4\%) was influenced by rises in wage earners of the private sector (3.0\%) and wage earners of the public sector (5.5\%). According to economic sector, the increase in informal wage earners of the private sector can be attributed to the rises in commerce (14.0\%) and health activities (25.6\%).

Informally employed persons by occupational category, nationwide total ${ }^{4}$
July-September 2023

| Occupational <br> category | Informal <br> employment <br> rate (\%) | Informally <br> employed <br> (total) | Twelve-month variation |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Total | \% | Impact <br> (pp) $\dagger$ |  |  |  |
| Total | 26.7 | $\mathbf{2 , 4 0 7 , 1 1 2}$ | $\mathbf{1 3 , 8 7 1}$ | $\mathbf{0 . 6}$ | - |
| Employers | 11.6 | 33,276 | $-5,984$ | -15.2 | -0.3 |
| Own-account <br> workers | 67.0 | $1,256,840$ | $-2,404$ | -0.2 | -0.1 |
| Wage earners, <br> private | 14.8 | 801,646 | 23,590 | 3.0 | 1.0 |
| Wage earners, <br> public | 12.0 | 141,957 | 7,388 | 5.5 | 0.3 |
| Domestic <br> workers | 53.2 | 114,692 | $-9,928$ | -8.0 | -0.4 |
| Unpaid family <br> workers | 100.0 | 58,702 | 1,209 | 2.1 | 0.1 |

${ }^{( } \dagger$ ) The sum of the impacts is equal to the percentage variation and may differ if more decimals are used in the calculation.

Twelve-month variation and impact of informal wage earners, nationwide total
moving quarters


For women, the informal employment rate outside the informal sector increased 0.1 pp year on year to stand at $12.9 \%$. For men, this indicator increased 0.2 pp to stand at $9.0 \%$.

Over the same period, the employment rate in the informal sector decreased 0.5 pp year on year to stand at $16.1 \%$.

[^1]Informality according to units of production, a national adaptation of the Hussmanns Matrix, nationwide total
Percentage over the total of employed persons
July-September 2023 quarter

| Employed persons |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Independent workers |  |  |  | Unpaid family workers | Dependent workers |  |  |  |  |  | Subtotal |  |
|  | Own-account |  | Employer |  |  | Wage earners, private |  | Wage earners, public |  | Domestic workers |  |  |  |
|  | Formal | Informal | Formal | Informal | Informal | Formal | Informal | Formal | Informal | Formal | Informal | Formal | Informal |
| Formal sector | 6.9 |  | 2.8 |  | 0.4 | 50.8 | 7.1 | 11.5 | 1.6 |  |  | 72.0 | 9.0 |
| Informal sector |  | 13.9 |  | 0.4 | 0.3 | 0.1 | 1.4 |  |  |  |  | 0.1 | 16.0 |
| Households sector |  |  |  |  |  | 0.1 | 0.4 |  |  | 1.1 | 1.3 | 1.3 | 1.7 |
| Total ( $\dagger$ ) | 6.9 | 13.9 | 2.8 | 0.4 | 0.7 | 51.0 | 8.9 | 11.5 | 1.6 | 1.1 | 1.3 | 73.3 | 26.7 |

Note: The empty cells refer to occupations for which, by definition, there is no type of production unit.
$(\dagger)$ The total of each category may differ because the numbers are rounded.

## Hours usually worked

Hours usually worked
Within the overall expansion in the number of hours usually worked by informally employed persons, the most notable increases were in the brackets $1-30$ hours, or part time (3.0\%), and 31-44 hours (1.2\%). The increase in the former can be attributed to the rises in those who work part time involuntarily (12.6\%) and voluntarily (0.9\%).

Of the informally employed persons who worked under 45 hours, $71.3 \%$ worked part time, or 1-30 hours. Of this group, $31.1 \%$ worked part time involuntarily and $66.3 \%$ worked part time voluntarily.

According to hours usually worked, formally employed persons worked an average of 10.9 hours more than informally employed persons. By occupational category, the greatest difference was between formal and informal domestic workers ( 12.7 hours) and formal and informal own-account workers (12.4 hours).

Average number of hours normally worked per week, according to occupational category, nationwide total
July-September 2023 quarter


Total number of informally employed persons according to hours usually worked, nationwide total
July-September 2023 quarter

| Bracket of hours worked per week | Informal employment rate | Informally employed |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Total | \% over total informally employed | 12-month variation (\%) |
| Total | 26.7 | 2,407,112 | 100.0 | 0.6 |
| 1-30† | 66.3 | 1,153,560 | 47.9 | 3.0 |
| VPTtt | 64.2 | 765,189 | 66.3 | 0.9 |
| IPTttt | 71.1 | 359,227 | 31.1 | 12.6 |
| Unclassified | 67.6* | 29,144 | 2.5 | -31.7 |
| 31-44 | 21.4 | 463,947 | 19.3 | 1.2 |
| 45 | 9.9 | 368,376 | 15.3 | -2.0 |
| 46 and over | 30.6 | 412,805 | 17.1 | -2.2 |
| No data | 29.4* | 8,424** | 0.3 | -48.7 |

${ }^{( }+$) This bracket represents those who work part time as defined in the Labour Code in article 40 bis.
$\left({ }^{\dagger}+\right.$ ) Voluntary part-time Employed persons. Percentage of participation (\%) over the total number of part-time employed persons.
$(\dagger+\dagger)$ Involuntary part-time employed persons. Percentage of participation (\%) over the total number of formal and informal part-time employed persons.
${ }^{(*)}$ Estimate of low reliability (i.e., the coefficient of variation is greater than $15 \%$ and less than or equal to $30 \%$. In the case of ratio estimates, it does not meet the acceptance threshold associated with its standard error).
$\left({ }^{* *}\right)$ Unreliable estimate (i.e., the number of sample cases is below 60 , the degrees of freedom below 9 , or the coefficient of variation greater than $30 \%$ ).

| Appendix 1：Informally employed persons according to occupational category |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Informally employed persons by occupational category，nationwide total July－September 2023 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Occupational category | Both sexes |  |  |  |  | Men |  |  |  |  | Women |  |  |  |  |
|  | Informal employment rate（\％） | Informally employed （total） | 12－month variation |  |  | Informal employment rate（\％） | Informally employed （total） | 12－month variation |  |  | Informal employment rate（\％） | Informally employed （total） | 12－month variation |  |  |
|  |  |  | Total | \％ | Impact （pp）$\dagger$ |  |  | Total | \％ | $\begin{aligned} & \text { Impact } \\ & \text { (pp) }{ }^{+} \end{aligned}$ |  |  | Total | \％ | Impact （pp）$\dagger$ |
| Total | 26.7 | 2，407，112 | 13，871 | 0.6 | － | －25．6 | 1，313，561 | 1，694 | 0.1 | － | 28.1 | 1，093，551 | 12，176 | 1.1 | － |
| Employers | 11.6 | 33，276 | －5，984 | －15．2 | －0．3 | 12.6 | 28，272 | －894 | －3．1 | －0．1 | 8.0 | 5，004＊＊ | －5，090 | －50．4 | －0．5 |
| Own－account workers | 67.0 | 1，256，840 | －2，404 | $-0.2$ | －0．1 | 66.4 | 705，283 | －3，597 | $-0.5$ | －0．3 | 67.8 | 551，556 | 1，193 | 0.2 | 0.1 |
| Wage earners， private sector | 14.8 | 801，646 | 23，590 | 3.0 | 1.0 | 14.7 | 491，984 | －1，050 | $-0.2$ | －0．1 | 15.1 | 309，662 | 24，639 | 8.6 | 2.3 |
| Wage earners， public sector | 12.0 | 141，957 | 7，388 | 5.5 | 0.3 | 12.9 | 59，323 | 7，359 | 14.2 | 0.6 | 11.5 | 82，634 | 29 | 0.0 | 0.0 |
| Domestic workers | 53.2 | 114，692 | －9，928 | －8．0 | －0．4 | 54．2＊＊ | 2，570＊＊ | －3，078 | －54．5 | －0．2 | 53.2 | 112，122 | －6，850 | －5．8 | －0．6 |
| Unpaid family workers | 100.0 | 58，702 | 1，209 | 2.1 | 0.1 | 100.0 | 26，129 | 2，954 | 12.7 | 0.2 | 100.0 | 32，572 | －1，745 | －5．1 | －0．2 |

$(\dagger)$ The sum of the impacts is equal to the percentage variation and may differ if more decimals are used in the calculation．
${ }^{(* *)}$ Unreliable estimate（i．e．，the number of sample cases are below 60 ，the degrees of freedom below 9 ，or coefficient of variation greater than $30 \%$ ）．


[^0]:    (2) The branch of economic activity refers to the sector of the economic unit that pays the wages of employed persons or to the economic unit owned by them. Thus, the branch of economic activity may differ from employed persons' place of work when they are subcontracted.
    (3) National adaptation of the International Standard Classification of Occupations of 2008 (CIUO 08.CL).

[^1]:    (4) The appendix shows an extended version of this table, disaggregated according to sex.

