Estadísticas. Chile

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

## No. 23 / 2 August 2023

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

- In the April-June 2023 quarter, the population of informally employed increased 2.5\%, equivalent to a rise of 59,384 persons.
- In the same period, the informal employment rate was estimated at $27.2 \%$, a twelvemonth increase of 0.1 percentage points (pp).
- According to economic sector, the increase can mainly be attributed to the rises in agriculture, forestry, and fishing (9.4\%) and professional, scientific, and technical activities (41.4\%).
- The rise in informally employed persons was influenced by the increases in wage earners of the private sector (8.6\%) and employers (25.2\%).

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


| MOVING QUARTER <br> (April-June 2023) |  |  |
| :---: | :---: | :---: |
| Main indicators |  |  |
|  | Rate | 12-month |
| Informal employment rate | 27.2\% | 0.1 |
| Informal employment rate, excluding the agricultural sector | 26.4\% | -0.1 |
| Employment rate in the informal sector | 16.1\% | -1.0 |
| Employed persons |  |  |
|  | Level (totals) | 12-month var. (\%) |
| Informally employed persons | 2,455,317 | 2.5 |
| Informally employed persons, excluding the agricultural sector | 2,251,396 | 1.9 |
| Employed persons in the informal sector | 1,458,899 | -3.4 |

## Informal employment rate

In the April-June 2023 quarter, the informal employment rate rose 0.1 pp year on year to stand at $27.2 \%$. The increase was a result of the faster rate of expansion in informally employed persons (2.5\%) than in the total number of employed persons (2.2\%).

According to sex, the rise in the informally employed can be attributed to the expansion in women (5.4\%) and men (0.2\%). In the same period, the informal employment rate for women rose 0.4 pp to stand at $28.6 \%$, while the rate for men fell 0.2 pp to stand at $26.1 \%$.

Analysis by age bracket
The main influences on the growth in the number of informally employed persons were the increases in the brackets $55-64$ years ( $5.2 \%$ ) and 65 years and over (7.2\%).

According to sex, the increase in men was influenced by the bracket 65 years and over (6.3\%), while the increase in women was influenced by the bracket 55-64 years (7.6\%).

The highest informal employment rates of the quarter were in the brackets 65 years and over (52.6\%) and 15-24 years (36.4\%). 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 (\%) | Apr- <br> Jun | May- <br> Jul | Jun- <br> Aug | 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 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Nationwide | 27.1 | 26.6 | 26.7 | 27.1 | 27.7 | 27.3 | 27.4 | 27.3 | 27.3 | 24.7 | 27.4 | 27.4 | 27.2 |
| Women | 28.2 | 28.1 | 28.3 | 28.9 | 29.1 | 28.3 | 28.5 | 28.4 | 29.0 | 28.9 | 28.8 | 28.6 | 28.6 |
| Men | 26.3 | 25.6 | 25.5 | 25.7 | 26.7 | 26.5 | 26.5 | 26.4 | 26.1 | 26.4 | 26.3 | 26.5 | 26.1 |

(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 informally employed ( $2.5 \%$ ) were the rises in agriculture, forestry, and fishing (9.4\%) and professional, scientific, and technical activities (41.4\%).

In the same period, the main influences on the increase in informally employed men ( $0.2 \%$ ) were the rises in agriculture, forestry, and fishing (7.9\%) and administrative and support activities (17.8\%), while the increase in informally employed women (5.4\%) was a result of the growth in professional, scientific, and technical activities (125.6\%) and education (31.8\%).

The highest informal employment rates were in households as employers (59.8\%) and other service activities (49.8\%).

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

The principal influences on the twelve-month rise in informally employed persons ( $2.5 \%$ ) were the increases in service and sales workers (6.2\%) and professionals (17.5\%).

According to sex, the increases in men and women were influenced by the occupational group service and sales workers, which rose $5.5 \%$ and $6.6 \%$, respectively.

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 (56.9\%) and craft and related trades workers (45.4\%).

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

| Occupational category (CIUO 08.CL) | Informal employment rate (\%) | Informally employed (total) | Total | 12-month variation | Impact (pp)† |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Nationwide total | 27.2 | 2,455,317 | 59,384 | 2.5 | - |
| Managers | 5.5 | 22,677 | 6,232 | 37.9 | 0.3 |
| Professionals | 12.9 | 200,318 | 29,821 | 17.5 | 1.2 |
| Technicians and associate professionals | 11.3 | 124,717 | 706 | 0.6 | 0.0 |
| Clerical support workers | 8.4 | 39,744 | -152 | 0.4 | 0.0 |
| Service and sales workers | 35.0 | 668,200 | 39,143 | 6.2 | 1.6 |
| Agricultural and fishery workers | 56.9 | 114,589 | 10,593 | 10.2 | 0.4 |
| Craft and related trades workers | 45.4 | 502,374 | -20,996 | -4.0 | -0.9 |
| Plant and machine operators and assemblers | 26.7 | 192,445 | 6,248 | 3.4 | 0.3 |
| Elementary occupations | 38.4 | 585,143 | 643 | 0.1 | 0.0 |
| Unidentified | 5.8** | 1,456** | -294 | -16.8 | 0.0 |
| Unclassified | 53.6** | 3,655** | -12,561 | -77.5 | -0.5 |

$(\dagger)$ 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).
${ }^{* *}$ ) 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 twelve-month rise in informally employed persons (2.5\%) was due to the increases in wage earners of the private sector (8.6\%), employers (25.2\%), and domestic workers (4.3\%). In contrast, twelve-month decreases were observed in own-account workers (-1.3\%), unpaid family workers (-7.2\%), and wage earners of the public sector (-0.1\%).

The growth in women (5.4\%) and men (0.2\%) was influenced by the category wage earners of the private sector, which increased $12.3 \%$ and $6.6 \%$, respectively.

Own-account workers and wage earners of the private sector made up 85.1\% of the total of informally employed persons, and their informal employment rates were $67.2 \%$ and $15.4 \%$, respectively.

The highest rates of informal employment were in own-account workers (67.2\%) and domestic workers (57.6\%).

[^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 (-1.3\%) can be exclusively attributed to the fall in men ( $-3.2 \%$ ). According to activity, the decrease was led by the falls in manufacturing ( $-16.6 \%$ ) and accommodation and food service (-23.7\%).

## Informal wage earners

The twelve-month increase in informal wage earners (7.3\%) can be exclusively attributed to the rise in wage earners of the private sector (8.6\%) because the number of wage earners of the public sector decreased $0.1 \%$ during the same period. By economic sector, the increase in wage earners of the private sector can be attributed to the rises in accommodation and food service ( $26.4 \%$ ) and professional activities (101.5\%).

The informal employment rate outside the informal sector increased 0.9 pp year-on-year to stand at $11.1 \%$. This indicator consists of the percentage of informally employed persons in formal economic units (formal sector), which increased 0.9 pp to stand at $9.3 \%$, and the percentage of informally employed persons in the sector of households as employers, which stood at $1.8 \%$, showing no year-on-year variation.

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

| Occupational category | Informal employment rate (\%) | Informally employed (total) | Twelve-month variation |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total | \% | (pp) $\dagger$ |
| Total | 27.2 | 2,455,317 | 59,384 | 2.5 |  |
| Employers | 15.0 | 44,532 | 8,976 | 25.2 | 0.4 |
| Own-account workers | 67.2 | 1,254,567 | -16,978 | -1.3 | -0.7 |
| Wage earners, private | 15.4 | 835,514 | 66,503 | 8.6 | 2.8 |
| Wage earners, public | 11.9 | 139,067 | -146 | -0.1 | 0.0 |
| Domestic workers | 57.6 | 126,846 | 5,270 | 4.3 | 0.2 |
| Unpaid family workers | 100.0 | 54,790 | -4,242 | -7.2 | -0.2 |

${ }^{+}+$) 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 rose 0.8 pp year on year to stand at $13.3 \%$. For men, this rate rose 1.0 pp to stand at 9.5\%.

Over the same period, the employment rate in the informal sector decreased 1.0 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
April-June 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 | 6.8 |  | 2.8 |  | 0.4 | 50.6 | 7.4 | 11.4 | 1.5 |  |  | 71.5 | 9.3 |
| Informal sector |  | 13.9 |  | 0.5 | 0.2 | 0.1 | 1.4 |  |  |  |  | 0.1 | 16.0 |
| Households sector |  |  |  |  |  | 0.2 | 0.4 |  |  | 1.0 | 1.4 | 1.2 | 1.8 |
| Total( $\dagger$ ) | 6.8 | 13.9 | 2.8 | 0.5 | 0.6 | 50.8 | 9.2 | 11.4 | 1.5 | 1.0 | 1.4 | 72.8 | 27.2 |

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 expansion in the number of hours usually worked by informally employed persons, the most notable increases were in the brackets $31-44$ hours ( $8.6 \%$ ), 45 hours ( $6.0 \%$ ), and $1-30$ hours, or part time ( $0.6 \%$ ). The increase in the bracket $1-30$ hours can be attributed to the rise in those who worked part time involuntarily (3.1\%).

Of the informally employed persons who worked under 45 hours, $70.6 \%$ worked part time, or 1-30 hours. Of this group, $29.3 \%$ worked part time involuntarily and $67.1 \%$ worked part time voluntarily.

In regard to hours usually worked, formally employed persons worked an average of 10.8 hours more than informally employed persons. By occupational category, the greatest differences in average hours worked between formally and informally employed persons were in own-account workers (13.2 hours) and domestic workers (10.9 hours).

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


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

| Bracket of hours worked per week | Informal emplopmentrate | Informally employed |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Percentage over total of informally employed | 12-month variation <br> (\%) |
| Total | 27.2 | 2,455,317 | 100.0 | 2.5 |
| 1-30t | 66.6 | 1,148,303 | 46.8 | 0.6 |
| VPTtt | 64.0 | 770,803 | 67.1 | -1.0 |
| IPTttt | 72.8 | 336,243 | 29.3 | 3.1 |
| Unclassified | 71.3 | 41,257 | 3.6 | 9.7 |
| 31-44 | 22.2 | 477,897 | 19.5 | 8.6 |
| 45 | 10.5 | 396,565 | 16.2 | 6.0 |
| 46 and over | 30.9 | 419,916 | 17.1 | -1.3 |
| Nodata | 42.2* | 12,636* | 0.5 | -13.4 |

${ }^{+}{ }^{+}$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.
$\left({ }^{*}\right)$ 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).

| Appendix 1: Informally employed persons according to occupational category |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Informally employed persons by occupational category, nationwide total April-June 2023 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Occupational category | Both sexes |  |  |  |  | Men |  |  |  |  | Women |  |  |  |  |
|  |  | 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 | \% | Impact (pp) $\dagger$ |  |  | Total | \% | Impact (pp) $\dagger$ |
| Total | 27.2 | 2,455,317 | 59,384 | 2.5 | - | 26.1 | 1,344,505 | 2,540 | 0.2 | - | 28.6 | 1,110,811 | 56,844 | 5.4 | . |
| Employers | 15.0 | 44,532 | 8,976 | 25.2 | 0.4 | 15.7 | 34,934 | 5,452 | 18.5 | 0.4 | 12.8** | 9,598** | 3,524 | 58.0 | 0.3 |
| Own-account workers | 67.2 | 1,254,567 | -16,978 | -1.3 | -0.7 | 66.6 | 705,765 | -23,460 | -3.2 | -1.7 | 68.1 | 548,802 | 6,482 | 1.2 | 0.6 |
| Wage earners, private sector | 15.4 | 835,514 | 66,503 | 8.6 | 2.8 | 15.5 | 523,257 | 32,391 | 6.6 | 2.4 | 15.2 | 312,256 | 34,113 | 12.3 | 3.2 |
| Wage earners, public sector | 11.9 | 139,067 | -146 | -0.1 | 0.0 | 12.4 | 57,613 | -3,713 | -6.1 | -0.3 | 11.6 | 81,454 | 3,567 | 4.6 | 0.3 |
| Domestic workers | 57.6 | 126,846 | 5,270 | 4.3 | 0.2 | 25.3** | 1,305** | -3,187 | -70.9 | -0.2 | 58.4 | 125,541 | 8,458 | 7.2 | 0.8 |
| Unpaid family workers | 100.0 | 54,790 | -4,242 | -7.2 | -0.2 | 100.0 | 21,630 | -4,941 | -18.6 | -0.4 | 100.0 | 33,160 | 700 | 2.2 | 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.
${ }^{(* *)}$ 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.

