

## ***0.a. Goal***

Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialization, enhance innovation

## ***0.b. Target***

Target 9.2: By 2030, promote inclusive and sustainable industrialization; upgrading infrastructure and supporting industries towards sustainability, increasing resource efficiency and applying clean and environmentally friendly technologies and production processes; substantial increase in employment rate and gross domestic product of industry (global 9.2 and 9.4 target)

## ***0.c. Indicator***

Indicator 9.2.3. Percentage of employed workers in the processing and manufacturing industry

## ***0.d. Series***

Manufacturing employment as a proportion of total employment [9.2.2] SL\_TLF\_MANF

## ***0.e. Metadata update***

June 2021

## ***1.a. Organisation***

General Statistics Office

## ***1.f. Contact mail***

54 Nguyen Chi Thanh, Dong Da, Hanoi

## ***1.g. Contact email***

banbientap@gso.gov.vn

## ***2.a. Definition and concepts***

Employment rate in the processing and manufacturing industry is the percentage between the number of employed workers in the processing and manufacturing industry compared to the total number of employed workers.

## ***2.c. Classifications***

Not applicable

### ***3.a. Data sources***

Labor and employment survey.

### ***3.b. Data collection method***

This is a sampling survey specified in the National Statistical Survey Program.

The Labor and Employment Survey is a sampling survey with a sample size that ensures statistical estimates for the region, Hanoi, and Ho Chi Minh City quarterly and for the province by year.

- Sampling survey using two-stage stratified sampling method:

+ Phase 1: The commune determines the number of sample areas; distribution of sample EAs based on the list of master EAs of the 2019 Population and Housing Census in each province in 2 floors for urban and rural areas; select the EAs according to the probability method proportional to the household size of the area.

+ Stage 2: Select sample households in each enumeration area. The sample was selected in phase 1 by systematic random method.

- Information collection method: Direct interview method using electronic questionnaire installed on the enumerator's tablet or smartphone. The enumerator went to each household to ask the information provider and recorded all the answers on the electronic form.

Purpose: Collecting information reflecting the current situation of labor resources and employment in order to serve the requirements of management, effective exploitation and use, and rational development of labor market resources; serving the calculation of labor and employment statistical indicators specified in the national statistical indicator system.

### ***3.d. Data release calendar***

Year

### ***3.e. Data providers***

General Statistics Office

### ***3.f. Data compilers***

General Statistics Office

## ***4.a. Rationale***

This indicator reflects the proportion of employed workers in the processing and manufacturing industry in the total number of employees. It measures the ability of the manufacturing industry to absorb excess labor from other agricultural and traditional sectors.

## 4.c. Method of computation

Method of computation

Công thức tính:

$$\text{Tỷ lệ lao động có việc làm trong ngành công nghiệp chế biến, chế tạo (\%)} = \frac{\text{Số lao động có việc làm trong ngành công nghiệp chế biến, chế tạo}}{\text{Tổng số lao động có việc làm}} \times 100$$

## 5. Data availability and disaggregation

Annually available figures from 2010-2019

Full data by sex and age groups have not been published.

(Published source: Statistical Yearbook of the General Statistics Office)

## 6. Comparability/deviation from international standards

This indicator corresponds to the global SDG target 9.2.2: Manufacturing employment as a proportion of total employment. The calculation method of the Vietnamese indicator is consistent with the global one, so Vietnam's data ensures international comparison.

## 7. References and Documentation

- National statistical survey program issued under Decision No. 43/2016/QĐ-TTg dated October 17, 2016 of the Prime Minister
- Circular No. 03/2019/TT-BKHĐT dated January 22, 2019 stipulating the set of statistical indicators for sustainable development of Vietnam;
- <https://unstats.un.org/sdgs/metadata/>