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Agricultural Indicators System

2017-2021

Employment and Wages in Agriculture



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is an annual publication prepared by the Agricultural Accounts Division of the
PHILIPPINE STATISTICS AUTHORITY (PSA)

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FOREWORD

The Agricultural Indicators System (AIS) is one of the statistical indicator frameworks maintained by the Philippine Statistics Authority. It contains eight modules which are updated and released annually. These modular reports provide measures for assessing socio-economic changes in agriculture, characterizing the agrarian structure of the economy, and situating agriculture in the national economy.

This is the eighth module entitled "Employment and Wages in Agriculture." It presents statistics relating to the labor market with emphasis on employment in agriculture and the extent of participation of male and female labor in agriculture. The reference years are 2017 to 2021.

The AIS aims to cover more agricultural development indicators to support the information needs of our data users. We encourage the readers to give their comments and suggestions on the improvement of the AIS, in general, and this report, in particular.



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December 2022

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TECHNICAL NOTES

1. The report highlights a five-year data series on indicators relating to Employment and Wages in Agriculture.
2. The basic data is sourced from the Labor Force Survey (LFS) conducted by the Philippine Statistics Authority (PSA).
3. Concepts and Definitions

Employed Persons – include all those who, during the reference period are 15 years old and over as of their last birthday and are reported either:

- a. At work. Those who do any work even for one hour during the reference period for pay or profit, or work without pay on the farm or business enterprise operated by a member of the same household related by blood, marriage or adoption; or
- b. With a job but not at work. Those who have a job or business but are not at work because of temporary illness/injury, vacation or other reasons. Likewise, persons who expect to report for work or to start operation of a farm or business enterprise within two weeks from the date of the enumerator’s visit are considered employed.

Agricultural Employment – refers to the number of gainfully employed persons in agriculture.

Growth Rates of Employed Persons (male and female) in Agriculture – the year-on-year change measures the pace of growth in the number of employed persons (male and female) in agriculture.

$$\text{Growth Rate of Employed Persons (male/female) in Agriculture} = \left[\frac{\text{Number of Employed Persons in Agriculture (male/female) in the Current Year}}{\text{Number of Employed Persons in Agriculture (male/female) in the Previous Year}} - 1 \right] \times 100$$

Proportion of Employed Persons in Agriculture (male and female) – refers to the number of employed persons in agriculture as a percentage of total employed persons (male and female). It measures the absorption of the available manpower supply in agriculture.

$$\text{Proportion of Employed Persons (male/female) in Agriculture} = \left[\frac{\text{Number of Employed Persons in Agriculture (male/female)}}{\text{Total Number of Employed Persons (male/female)}} \right] \times 100$$

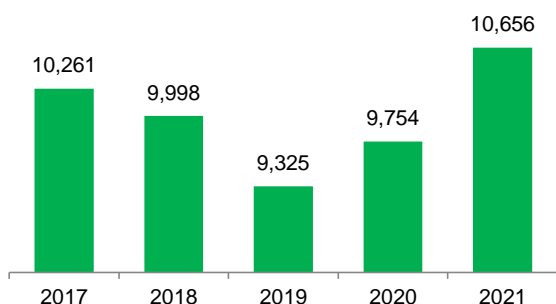


**EMPLOYMENT AND WAGES
IN AGRICULTURE**

Employment in Agriculture

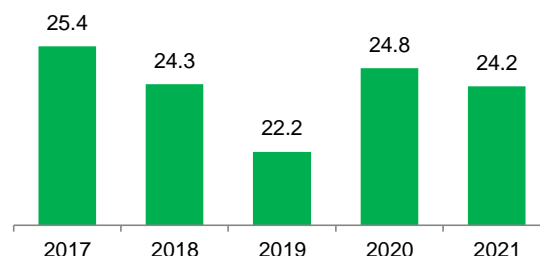
The number of gainfully employed persons in agriculture measures the extent of absorption of the available manpower supply in agriculture and its contribution to the total economy. Meanwhile, information of male and female agricultural workers indicates sex differences in the use of agricultural labor.

Figure 1. Number of Employed Persons in Agriculture, Philippines: 2017-2021 (in '000 persons)



Source: Philippine Statistics Authority

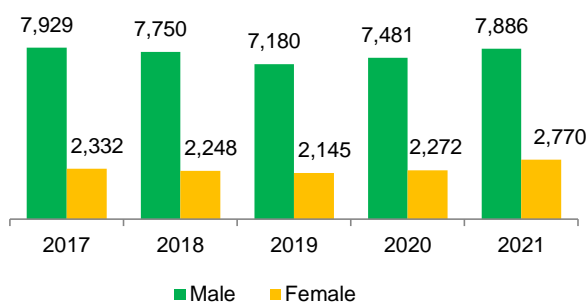
Figure 2. Proportion of Employed Persons in Agriculture to Total Employment, Philippines: 2017-2021 (in percent)



Source: Philippine Statistics Authority

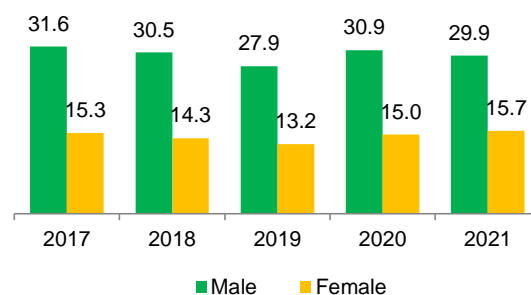
The number of employed persons in agriculture reached 10.66 million persons in 2021. This was 9.3 percent higher than the 9.75 million persons registered in the previous year. In terms of share, agriculture accounted for 24.2 percent of the country's total employment. (Tables 1a and 1b, and Figures 1 and 2)

Figure 3. Number of Employed Persons in Agriculture by Sex, Philippines: 2017-2021 (in '000 persons)



Source: Philippine Statistics Authority

Figure 4. Proportion of Employed Persons in Agriculture to Total Employment by Sex, Philippines: 2017-2021 (in percent)



Source: Philippine Statistics Authority

The country's employed males and females in agriculture were higher in 2021 at 7.89 million and 2.77 million, respectively. The counts correspond to an annual increase of 5.4 percent for males and 21.9 percent for females. Male agricultural workers accounted for 29.9 percent of the total male employment in 2021. This was higher compared to the proportion of employed females in agriculture which was 15.7 percent of the total female employment. (Tables 2a and 2b, and Figures 3 and 4)

Daily Basic Pay of Wage and Salaried Agricultural Workers

The value of worker's compensation for their labor is measured through the wages and salaries received by the workers.

The average basic pay of wage and salaried agricultural workers amounted to PhP 285.19 per day in 2021. It increased by 5.4 percent from the record of PhP 270.60 in 2020. Throughout the reference years, the basic pay of wage and salaried agricultural workers grew annually by an average of 6.7 percent.

Agricultural workers who were engaged in fishing and aquaculture activities received a pay of PhP 349.62 per day. This was higher than the payment received by workers in agriculture and forestry with PhP 280.75 per day. From 2017-2021, the basic pay of wage and salaried workers in agriculture and forestry posted an increment of 6.4 percent, while fishing and aquaculture grew by 11.4 percent. (Tables 3a and 3b).

Statistical Tables

EMPLOYMENT AND WAGES IN AGRICULTURE

Table 1a. Number and Proportion of Employed Persons in Agriculture to Total Employment, Philippines: 2017-2021

Year	Number (in '000 persons)	Proportion (%)
2017	10,261	25.4
2018	9,998	24.3
2019	9,325	22.2
2020	9,754	24.8
2021	10,656	24.2

Source of basic data: Labor Force Survey, Philippine Statistics Authority

Table 1b. Growth Rates of Employed Persons in Agriculture, Philippines: 2017-2021

Year	Growth Rates (%)
2017-2018	-2.6
2018-2019	-6.7
2019-2020	4.6
2020-2021	9.3

Source of basic data: Labor Force Survey, Philippine Statistics Authority

EMPLOYMENT AND WAGES IN AGRICULTURE

Table 2a. Number and Proportion of Employed Persons in Agriculture to Total Employment by Sex, Philippines: 2017-2021

Year	Number (in '000 persons)		Proportion (%)	
	Male	Female	Male	Female
2017	7,929	2,332	31.6	15.3
2018	7,750	2,248	30.5	14.3
2019	7,180	2,145	27.9	13.2
2020	7,481	2,272	30.9	15.0
2021	7,886	2,770	29.9	15.7

Source of basic data: Labor Force Survey, Philippine Statistics Authority

Table 2b. Growth Rates of Employed Persons in Agriculture by Sex, Philippines: 2017-2021

Year	Growth Rates (%)	
	Male	Female
2017-2018	-2.3	-3.6
2018-2019	-7.3	-4.6
2019-2020	4.2	5.9
2020-2021	5.4	21.9

Source of basic data: Labor Force Survey, Philippine Statistics Authority

EMPLOYMENT AND WAGES IN AGRICULTURE

Table 3a. Average Daily Basic Pay of Wage and Salaried Agricultural Workers by Subsector, Philippines: 2017-2021
(in PhP)

Subsector	2017	2018	2019R	2020R	2021P
Agriculture	220.26	237.44	260.37	270.60	285.19
Agriculture and Forestry	219.57	235.51	256.86	270.07	280.75
Fishing and Aquaculture	232.51	264.01	302.35	280.55	349.62

P - Preliminary

R - Revised

Source of basic data: Labor Force Survey, Philippine Statistics Authority

Table 3b. Growth Rates of Average Daily Basic Pay of Wage and Salaried Agricultural Workers by Subsector, Philippines: 2017-2021
(in percent)

Subsector	2017-2018	2018-2019	2019-2020	2020-2021	Average 2017-2021
Agriculture	7.8	9.7	3.9	5.4	6.7
Agriculture and Forestry	7.3	9.1	5.1	4.0	6.4
Fishing and Aquaculture	13.5	14.5	-7.2	24.6	11.4

Source of basic data: Labor Force Survey, Philippine Statistics Authority

MODULES OF THE AGRICULTURAL INDICATORS SYSTEM

1. Government Support in Agriculture Sector
2. Economic Growth: Agriculture
3. Output and Productivity
4. Agricultural Resources
5. Agricultural Exports and Imports
6. Food Availability and Sufficiency
7. Prices and Marketing of Agricultural Commodities
- 8. Employment and Wages in Agriculture**

**AGRICULTURAL INDICATORS SYSTEM
EMPLOYMENT AND WAGES IN AGRICULTURE
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