



REPUBLIC OF THE PHILIPPINES
PHILIPPINE STATISTICS AUTHORITY

Agricultural Indicators System

2016-2020

Employment and Wages in the Agriculture Sector



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

For technical inquiries, please direct calls at:
(+632) 8376-1954

TERMS OF USE OF PSA PUBLICATIONS

The PSA reserves its exclusive right to reproduce all its publications in whatever form.

- Any part of this publication should not be reproduced, recopied, lent, or repackaged for other parties for any commercial purposes without written permission from the PSA.
- Any part of this publication may only be reproduced for internal use of the recipient/customer company. ● Should any portion of the data in this publication are to be included in a report/article, the source of the data, the title of the publication and the PSA as publisher should always be cited. ● Any information derived from the manipulation of data contained in the publication will no longer be the responsibility of PSA.

Published by the
Philippine Statistics Authority
PSA Complex, East Avenue
Diliman, Quezon City
Philippines 1101

December 2021

ISSN-2012-0435

| |
|--|
| <p>The Agricultural Indicators System is available in electronic format (Excel/Word/PDF).</p> |
|--|

FOREWORD

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

This is the seventh module entitled Employment and Wages in the Agriculture Sector. It presents statistics relating to the labor market with emphasis on employment in the agriculture sector and the extent of participation of male and female labor in the agriculture sector. The reference years are 2016 to 2020.

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.

DENNIS S. MAPA, Ph.D.

Undersecretary

National Statistician and Civil Registrar General

Quezon City, Philippines
December 2021

TABLE OF CONTENTS

| | |
|--|------------|
| FOREWORD | i |
| LIST OF TABLES | ii |
| TECHNICAL NOTES | iii |
| EMPLOYMENT AND WAGES IN THE AGRICULTURE SECTOR | |
| Table 1a. Number and Proportion of Employed Persons in Agriculture to Total Employment, Philippines: 2016-2020 | 3 |
| Table 1b. Growth Rates of Employed Persons in Agriculture, Philippines: 2017-2020 | 3 |
| Table 2a. Number and Proportion of Employed Persons in Agriculture to Total Employment by Sex, Philippines: 2016-2020 | 4 |
| Table 2b. Growth Rates of Employed Persons in Agriculture by Sex, Philippines: 2017-2020 | 4 |
| Table 3a. Average Daily Basic Pay of Wage and Salary Agricultural Workers by Subsector, Philippines: 2016-2020 | 5 |
| Table 3b. Growth Rates of Average Daily Basic Pay of Wage and Salary Agricultural Workers by Subsector, Philippines: 2017-2020 | 5 |

TECHNICAL NOTES

1. The report highlights a five-year data series on indicators relating to Employment and Wages in the Agriculture Sector.
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 the agricultural sector.

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.

$$\begin{aligned} & \text{Growth rates of} \\ & \text{employed} \\ & \text{persons} \\ & \text{(male and female)} \\ & \text{in agriculture} \end{aligned} = \frac{\begin{aligned} & \text{number of employed persons} \\ & \text{in agriculture (male and female)} \\ & \text{in the current year} \end{aligned}}{\begin{aligned} & \text{number of employed persons} \\ & \text{(male and female) in agriculture} \\ & \text{in the previous year} \end{aligned}} - 1 \times 100\%$$

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

$$\begin{aligned} & \text{Proportion of} \\ & \text{employed} \\ & \text{persons} \\ & \text{(male and female)} \\ & \text{in agriculture} \end{aligned} = \frac{\begin{aligned} & \text{number of employed persons} \\ & \text{(male and female) in agriculture} \end{aligned}}{\begin{aligned} & \text{total number} \\ & \text{of employed persons (male and female)} \end{aligned}} \times 100\%$$

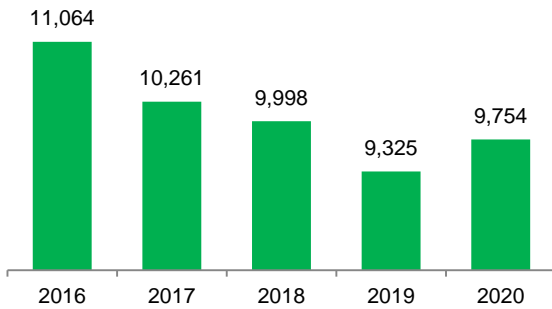
**EMPLOYMENT AND WAGES
IN THE AGRICULTURE SECTOR**



Employment in Agriculture

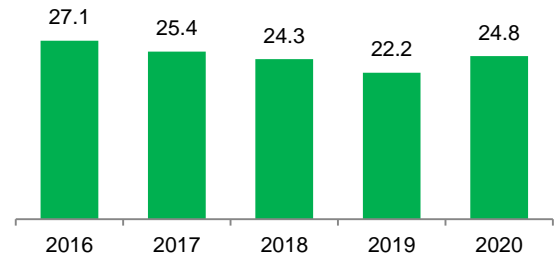
The number of gainfully employed persons in agriculture measures the extent of absorption of the available manpower supply in agriculture and its contribution to the total economy. Meanwhile, information of male and female agricultural workers indicates sex differences in the use of agricultural labor.

Figure 1. Number of Employed Persons in Agriculture, Philippines: 2016-2020 (in '000 persons)



Source: Philippine Statistics Authority

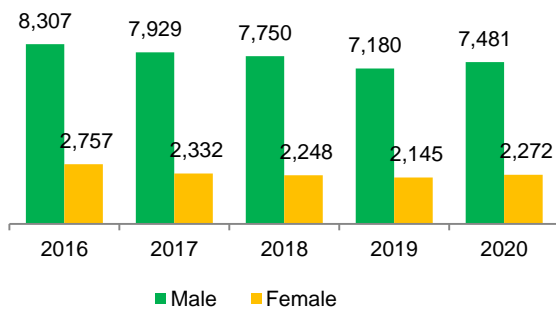
Figure 2. Proportion of Employed Persons in Agriculture to Total Employment, Philippines: 2016-2020 (in percent)



Source: Philippine Statistics Authority

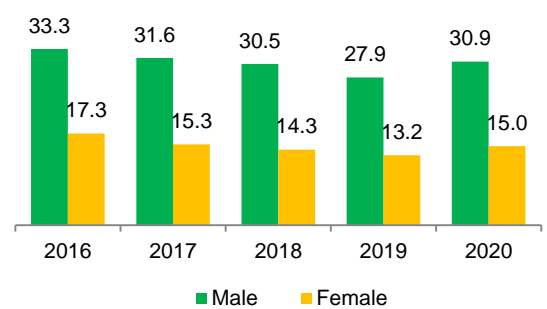
In 2020, number of employed persons in the agriculture sector was 9.75 million persons or 4.6 percent higher than the 9.33 million persons posted in 2019. Consequently, the sector indicated a higher share of 24.8 percent in the country's total employment. (Tables 1a and 1b, and Figures 1 and 2)

Figure 3. Number of Employed Persons in Agriculture by Sex, Philippines: 2016-2020 (in '000 persons)



Source: Philippine Statistics Authority

Figure 4. Proportion of Employed Persons in Agriculture to Total Employment by Sex, Philippines: 2016-2020 (in percent)



Source: Philippine Statistics Authority

The total employed persons in the agriculture sector comprised of 7.48 million males and 2.27 million females. This indicated an increase of 4.2 percent and 5.9 percent, respectively as compared to last year's count. The proportion of the employed males in agriculture to the total male employment was 30.9 percent. On the other hand, female agricultural workers accounted for 15.0 percent of the total female employment. (Tables 2a and 2b, and Figures 3 and 4)

Daily Basic Pay of Wage and Salary Agricultural Workers

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

In 2020, the country's average basic wage and salary paid to agricultural workers decreased to PhP 270.62 per day or -1.6 percent lower than the previous year's level. From 2016 to 2020, the amount went up by an average of 6.8 percent.

The basic wage and salary of agricultural workers engaged in fishing and aquaculture activities was PhP 281.00 per day. This amount was higher than the wage and salary received by those involved in agriculture and forestry with PhP 270.07 per day. Over the reference years, the growth in the basic pay of wage and salary workers in agriculture and forestry averaged 6.9 percent while the increment was 6.6 percent for fishing and aquaculture. (Tables 3a and 3b)

EMPLOYMENT AND WAGES IN THE AGRICULTURE SECTOR

Table 1a. Number and Proportion of Employed Persons in Agriculture to Total Employment, Philippines: 2016-2020

| Year | Number (in '000 persons) | Proportion (%) |
|-------------|-------------------------------------|---------------------------|
| 2016 | 11,064 | 27.1 |
| 2017 | 10,261 | 25.4 |
| 2018 | 9,998 | 24.3 |
| 2019R | 9,325 | 22.2 |
| 2020 | 9,754 | 24.8 |

R- Revised

Source of basic data: LFS, Philippine Statistics Authority

Table 1b. Growth Rates of Employed Persons in Agriculture, Philippines: 2017-2020

| Year | Growth Rates (%) |
|-------------|-----------------------------|
| 2016-2017 | -7.3 |
| 2017-2018 | -2.6 |
| 2018-2019 | -6.7 |
| 2019-2020 | 4.6 |

Source of basic data: LFS, Philippine Statistics Authority

EMPLOYMENT AND WAGES IN THE AGRICULTURE SECTOR

Table 2a. Number and Proportion of Employed Persons in Agriculture to Total Employment by Sex, Philippines: 2016-2020

| Year | Number (in '000 persons) | | Proportion (%) | |
|-------|-----------------------------|--------|-------------------|--------|
| | Male | Female | Male | Female |
| 2016 | 8,307 | 2,757 | 33.3 | 17.3 |
| 2017 | 7,929 | 2,332 | 31.6 | 15.3 |
| 2018 | 7,750 | 2,248 | 30.5 | 14.3 |
| 2019R | 7,180 | 2,145 | 27.9 | 13.2 |
| 2020 | 7,481 | 2,272 | 30.9 | 15.0 |

R- Revised

Source of basic data: LFS, Philippine Statistics Authority

Table 2b. Growth Rates of Employed Persons in Agriculture by Sex, Philippines: 2017-2020

| Year | Growth Rates (%) | |
|-----------|------------------|--------|
| | Male | Female |
| 2016-2017 | -4.5 | -15.4 |
| 2017-2018 | -2.3 | -3.6 |
| 2018-2019 | -7.3 | -4.6 |
| 2019-2020 | 4.2 | 5.9 |

Source of basic data: LFS, Philippine Statistics Authority

EMPLOYMENT AND WAGES IN THE AGRICULTURE SECTOR

Table 3a. Average Daily Basic Pay of Wage and Salary Agricultural Workers by Subsector, Philippines: 2016-2020
(in PhP)

| Subsector | 2016 | 2017 | 2018R | 2019R | 2020 |
|--------------------------|--------|--------|--------|--------|--------|
| Agriculture | 209.32 | 220.26 | 237.44 | 274.99 | 270.62 |
| Agriculture and Forestry | 208.25 | 219.57 | 235.51 | 271.41 | 270.07 |
| Fishing and Aquaculture | 225.95 | 232.51 | 264.01 | 327.01 | 281.00 |

R- Revised

Source of basic data: LFS, Philippine Statistics Authority

Table 3b. Growth Rates of Average Daily Basic Pay of Wage and Salary Agricultural Workers by Subsector, Philippines: 2017-2020
(in percent)

| Subsector | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 | Average 2017-2020 |
|--------------------------|-----------|-----------|-----------|-----------|----------------------|
| Agriculture | 5.2 | 7.8 | 15.8 | -1.6 | 6.8 |
| Agriculture and Forestry | 5.4 | 7.3 | 15.2 | -0.5 | 6.9 |
| Fishing and Aquaculture | 2.9 | 13.5 | 23.9 | -14.1 | 6.6 |

Source of basic data: LFS, 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. Employment and Wages in the Agriculture Sector**
8. Prices and Marketing of Agricultural Commodities

**AGRICULTURAL INDICATORS SYSTEM
EMPLOYMENT AND WAGES IN THE AGRICULTURE SECTOR
PHILIPPINE STATISTICS AUTHORITY**

DENNIS S. MAPA, Ph.D.
Undersecretary
National Statistician and Civil Registrar General

SECTORAL STATISTICS OFFICE

MACROECONOMIC ACCOUNTS SERVICE

VIVIAN R. ILARINA
Assistant National Statistician

AGRICULTURAL ACCOUNTS DIVISION

Manuela S. Nalugon
(Supervising Statistical Specialist)
Officer-in-Charge

Maria Clarinda E. De Guzman
Senior Statistical Specialist

Donita Rose S. Baluso
Statistical Specialist II

Myrna C. Villan
Statistical Specialist I

Joly M. Navales
Statistical Specialist I

For Inquiries:

PHILIPPINE STATISTICS AUTHORITY

PSA Complex, East Avenue, Diliman, Quezon City, Philippines 1101

Tel. No. +63(2) 84626600 loc. 820 • Telefax No. +63(2) 84626600 loc. 839

E-mail address: info@psa.gov.ph • kmcd.staff@psa.gov.ph



Visit us on
www.psa.gov.ph



Like us on Facebook
[/PhilippineStatisticsAuthority](https://www.facebook.com/PhilippineStatisticsAuthority)



Follow us on Twitter
[@PSAgovph](https://twitter.com/PSAgovph)