

TECHNICAL NOTES

Agriculture and Fisheries Indicators System Economic Growth: Agriculture and Fisheries

I. Introduction

This is one of the modular reports of the Agriculture and Fisheries Indicators System (AFIS) which provides information on the economic performance of the country's agriculture sector measured through the Gross Value Added (GVA) in Agriculture, Forestry, and Fishing (AFF) at the national and regional levels. The report highlights a five-year data series on the economic performance of the country's agriculture and fisheries sector measured through the GVA on AFF at the national and regional levels.

II. Data Sources

Data and Indicators	Source Agency
1. Level and distribution of Gross Domestic Product (GDP) by industry (at current and constant 2018 prices)	Philippine Statistics Authority
2. Level, distribution, and growth rates of GVA in AFF by industry (at current and constant 2018 prices)	
3. Level, distribution, and growth rates of GVA in AFF by region (at current and constant 2018 prices)	
4. Level and growth rates of Seasonally Adjusted GVA in AFF by industry (at constant 2018 prices)	
5. Gross Regional Domestic Product (GRDP) (at current and constant 2018 prices)	

Data and Indicators	Source Agency
6. Share of Regional GVA in AFF to GRDP (at current and constant 2018 prices)	

III. Methodology

Growth Rate of GVA in AFF by Industry

$$\text{Growth Rate of GVA in AFF by Industry} = \left[\frac{\text{GVA in AFF by Industry in the Current year}}{\text{GVA in AFF by Industry in the Previous year}} - 1 \right] \times 100$$

Growth Rate of Regional GVA in AFF

$$\text{Growth Rate of Regional GVA in AFF} = \left[\frac{\text{GVA in AFF by Region in the Current Year}}{\text{GVA in AFF by Region in the Previous Year}} - 1 \right] \times 100$$

Share of GVA in AFF by Industry

$$\% \text{ Share of GVA in AFF by Industry} = \left[\frac{\text{GVA in AFF by Industry}}{\text{Total GVA in AFF}} \right] \times 100$$

Share of Regional GVA in AFF to GRDP

$$\% \text{ Share of GVA in AFF by Region to GRDP} = \left[\frac{\text{GVA in AFF by Region}}{\text{GRDP of the Region}} \right] \times 100$$

IV. Concepts and Definition of Terms

Gross Domestic Product (GDP) - the value of all goods and services produced domestically; the sum of GVA of all resident institutional units engaged in production (plus any taxes, and minus any subsidies, on products not included in the values of their outputs). It is the aggregate of GVA of all resident producer units in the country.

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Gross Regional Domestic Product (GRDP) – measures the economic performance of a region. It covers the value of goods and services produced in the region. It measures the relative contribution of the three major industries sectors: AFF, Industry, and Services in the region.

Growth Rate of GVA in AFF by Industry – measures the performance or the pace of growth of each industry of agriculture such as crops (palay, corn, coconut, sugarcane, banana, and other crops), livestock and poultry, fishing and aquaculture, forestry and logging, and support activities.

Growth Rate of Regional GVA in AFF – measures the pace of growth of the agriculture, forestry and fishing at the regional level.

GVA – is defined as the value of output less the value of intermediate consumption.

Seasonal Adjustment – is a statistical technique to remove the effects of seasonal calendar influences operating on a time series.

Seasonality (seasonal component) – is a regular fluctuation with similar patterns and magnitude that repeatedly occur within a calendar year and normally observed for high frequency data such as monthly and quarterly series.

Share of GVA in AFF by Industry – shows the relative importance or contribution of each industry in the economy's agriculture sector.

Share of Regional GVA in AFF to GRDP – shows the performance or contribution of the region's agriculture sector to the region's total economy.

Valuation at Current Prices - is the value based on prices during the reference year.

Valuation at Constant Prices - refers to valuation of transactions, wherein the influence of price changes from the base year to the current year has been removed.

V. Dissemination of Results

Title	Schedule of Release
Economic Growth: Agriculture and Fisheries	As per Advance Release Calendar

Statistical tables, infographics, and modular report are included in the web release.

VI. Citation

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VII. Contact Information

Ms. Maria Clarinda E. De Guzman
(Senior Statistical Specialist)
Officer-in-Charge, Agricultural Accounts Division
(02) 8376-1954
c.deguzman@psa.gov.ph

For data request, you may contact:

Knowledge Management and Communications Division
(02) 8462-6600 loc. 820
info@psa.gov.ph | kmcd.staff@psa.gov.ph