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Agricultural Indicators System

Economic Growth: Agriculture



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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 second module entitled Economic Growth: Agriculture. It provides information on the economic performance of the country's agriculture sector measured through Gross Value Added in Agriculture, Forestry, and Fishing at the national and regional levels. 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
June 2021

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ECONOMIC GROWTH: AGRICULTURE

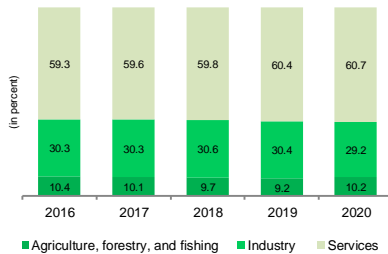


The performance of the country's agriculture sector can be measured by looking at the year-on-year growth rates of Gross Value Added (GVA) in Agriculture, Forestry, and Fishing (AFF). This refers to the difference between the gross output and intermediate consumption used in the production process.

Share of Agriculture, Forestry, and Fishing (AFF) to Gross Domestic Product (GDP)

Among the three major industries of the economy, AFF maintained the lowest contribution to the country's GDP. In 2020, the GVA in AFF at constant 2018 prices was valued at PhP 1,780.54 billion. It registered an increased share of 10.2 percent from the 9.2 percent recorded in 2019. At current prices, AFF amounted to PhP 1,827.01 billion and comprised a higher share of 10.2 percent compared to the 2019 share of 8.8 percent in the GDP. (Tables 1a, 1b, 1c, and 1d, and Figure 1)

Figure 1. Gross Domestic Product (GDP) by Industry, Philippines, 2016-2020 (Percent Share to GDP, at Constant 2018 Prices)



Note: Details may not add up to 100 percent due to rounding
Source: National Accounts of the Philippines, PSA

Gross Value Added (GVA) in Agriculture, Forestry, and Fishing (AFF) by Industry

The GVA in AFF at constant 2018 prices posted a -0.2 percent contraction in 2020 compared with the previous year's growth of 1.2 percent. (Figure 2)

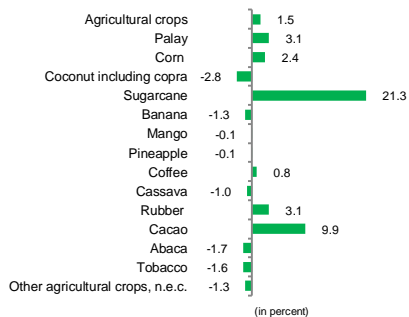
Figure 2. GVA in Agriculture, Forestry, and Fishing, Philippines, Growth Rates, 2017-2020



Source: National Accounts of the Philippines, PSA

Collectively, agricultural crops recorded a reversal as its GVA increased by 1.5 percent in 2020 from the previous year's negative performance. A similar trend was observed in palay, sugarcane including muscovado sugar-making in the farm, and coffee which indicated increases in GVA. Likewise, increments were also recorded in the GVA of corn, rubber, and cacao.

Figure 3. GVA in AFF by Industry, Philippines, 2020 (Growth Rates, at Constant 2018 Prices)

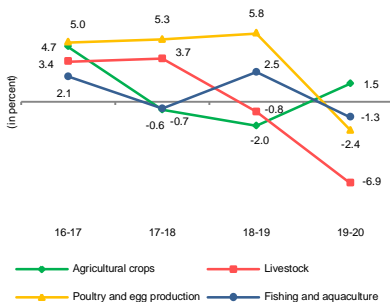


Source: National Accounts of the Philippines, PSA

A bigger decline of -6.9 percent in the GVA of livestock was registered in 2020. Meanwhile, from the previous year's positive performance, reductions in the 2020 GVA were registered in poultry and egg production, and other animal production by -2.4 percent and -3.2 percent, respectively.

Fishing and aquaculture posted a decline in GVA by -1.3 percent in 2020 from a positive growth in 2019. (Tables 2a and 2b, and Figure 4)

Figure 4. GVA in AFF by Industry, Philippines, 2016-2020 (Growth Rates, at Constant 2018 Prices)



Source: National Accounts of the Philippines, PSA

At current prices, the GVA in AFF bounced back from the previous year's slump of -2.3 percent and posted a 6.1 percent increment in 2020.

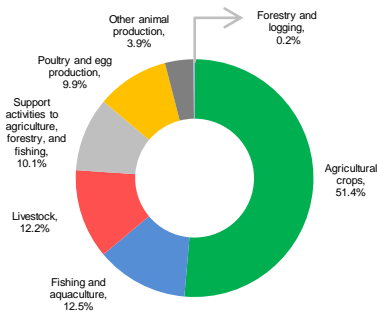
The GVA in agricultural crops made a turnaround and registered positive growth in 2020 at 9.6 percent. Crops that recovered from the downtrends in GVAs and posted increases in 2020 were palay, coffee, sugarcane including muscovado sugar making in the farm, abaca, other agricultural crops, mango, and coconut. Tobacco recorded the highest growth of 42.2 percent from last year's negative performance at -1.8 percent. Continuous improvements in GVAs were recorded in cassava and banana. On the other hand, declines in GVA of corn, pineapple, and rubber were posted in 2020.

Uptrends in GVA were noted in livestock, and poultry and egg production but these were at slower rates of 0.2 percent and 4.8 percent, respectively. GVA in other animal production recovered from the decline in the previous year and came up with 6.6 percent increase in 2020.

Fishing and aquaculture recorded a negative growth rate in GVA at -3.8 percent in 2020. (Tables 2d and 2e)

In terms of the industry share at both constant 2018 prices and current prices, agricultural crops contributed more than half of the GVA in AFF. Palay indicated a bigger share among the crops, followed by banana, corn, and coconut including copra. At constant 2018 prices, the respective shares of fishing and aquaculture, and livestock were 12.5 percent and 12.2 percent in the GVA in AFF. At current prices, the shares were recorded at 13.1 percent for livestock while it was 12.3 percent for fishing and aquaculture. (Tables 2c and 2f, and Figure 5)

Figure 5. GVA in AFF by Industry, Philippines, 2020 (Percent Share, at Constant 2018 Prices)

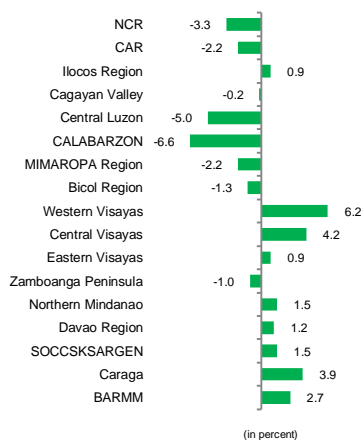


Note: Details may not add up to 100 percent due to rounding
Source: National Accounts of the Philippines, PSA

Regional Gross Value Added (GVA) in Agriculture, Forestry, and Fishing (AFF)

At constant 2018 prices, the national GVA in Agriculture, Forestry, and Fishing (AFF) registered a -0.2 percent contraction in 2020. This was a reversal from last years' positive performance of 1.2 percent. Downtrends in GVA were noted in all regions of Luzon, except in Ilocos Region which recorded a positive growth but at a slower rate of 0.9 percent compared to the previous year. Meanwhile, all regions in Visayas and Mindanao posted improvements in GVA of AFF in 2020 except in Zamboanga Peninsula which registered a decline of -1.0 percent. (Tables 3a and 3b, and Figure 6)

Figure 6. GVA in AFF by Region, Philippines, 2020 (Growth Rates, at Constant 2018 Prices)



Source: Regional Accounts of the Philippines, PSA

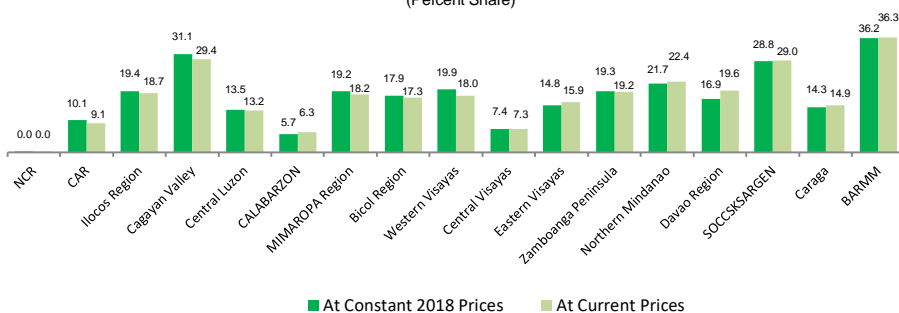
At current prices, the GVA in AFF posted a 6.1 percent growth compared with the -2.3 percent decline in the previous year. This improvement can be attributed to the increases in the GVA in AFF of 15 regions. Among these regions, Ilocos Region, Cagayan Valley, Central Luzon, Bicol Region, Western Visayas, Central Visayas, Eastern Visayas, and Caraga rebounded from their negative growths in 2019 by posting positive growths in 2020. Davao Region recorded the fastest growth in GVA in AFF at 16.8 percent. On the other hand, negative growth rates were recorded in CAR and MIMAROPA Region. (Tables 3d and 3e)

In terms of the share of the island groups to the national GVA in AFF, Luzon comprised the biggest share at both constant 2018 prices and current prices at 46.0 percent and 44.1 percent, respectively. At the regional level, Central Luzon continued to account for the biggest contribution at 14.3 percent at constant 2018 prices. This was followed by Northern Mindanao, Western Visayas, CALABARZON, and Davao Region where the regions' contribution ranged from 7.9 percent to 10.0 percent. The least contributors to the total GVA in AFF at constant 2018 prices were observed in NCR and CAR. (Table 3c)

At current prices, Central Luzon contributed the biggest share at 13.4 percent. Bigger contributions were also recorded in Northern Mindanao at 10.6 percent, Davao Region at 9.5 percent, CALABARZON at 8.9 percent, and Western Visayas at 8.4 percent. Least shares were noted in NCR and CAR. (Table 3f)

Share of Regional Gross Value Added (GVA) in Agriculture, Forestry, and Fishing (AFF) to Gross Regional Domestic Product (GRDP)

Figure 7. Contribution of Regional GVA in AFF to GRDP, Philippines, 2020
(Percent Share)



0.0 - Less than 0.05 but not equal to 0

Source: Regional Accounts of the Philippines, PSA

For the contribution of the region's AFF to their respective Gross Regional Domestic Product (GRDP), BARMM accounted for the biggest share at constant 2018 prices at 36.2 percent. This was followed by Cagayan Valley at 31.1 percent and SOCCSKSARGEN at 28.8 percent. Lesser shares of the GVA in AFF to GRDP at constant 2018 prices were observed in NCR and CALABARZON. (Table 4a and Figure 7)

At current prices, BARMM had the biggest contribution at 36.3 percent. Cagayan Valley and SOCCSKSARGEN came next with respective shares of 29.4 percent and 29.0 percent. NCR and CALABARZON had the least shares of the GVA in AFF to GRDP. (Table 4b and Figure 7)

Table 1a. Gross Domestic Product (GDP) by Industry, Philippines, 2016-2020
(At Constant 2018 Prices, in million PhP)

Industry	2016	2017	2018	2019	2020
Agriculture, forestry, and fishing	1,672,085	1,743,134	1,762,616	1,783,855	1,780,544
Industry	4,861,342	5,202,582	5,582,525	5,887,869	5,112,115
Services	9,529,249	10,230,262	10,920,048	11,711,027	10,634,575
Gross Domestic Product	16,062,676	17,175,978	18,265,190	19,382,751	17,527,234

Source: National Accounts of the Philippines, PSA

Table 1b. Gross Domestic Product (GDP) by Industry, Philippines, 2016-2020
(Percent Share to GDP, at Constant 2018 Prices)

Industry	2016	2017	2018	2019	2020
Agriculture, forestry, and fishing	10.4	10.1	9.7	9.2	10.2
Industry	30.3	30.3	30.6	30.4	29.2
Services	59.3	59.6	59.8	60.4	60.7
Gross Domestic Product	100.0	100.0	100.0	100.0	100.0

Source: National Accounts of the Philippines, PSA

Table 1c. Gross Domestic Product (GDP) by Industry, Philippines, 2016-2020
(At Current Prices, in million PhP)

Industry	2016	2017	2018	2019	2020
Agriculture, forestry, and fishing	1,544,279	1,685,956	1,762,616	1,721,539	1,827,010
Industry	4,582,981	4,987,948	5,582,525	5,919,281	5,094,222
Services	9,005,122	9,882,747	10,920,048	11,877,043	11,017,351
Gross Domestic Product	15,132,381	16,556,651	18,265,190	19,517,863	17,938,582

Source: National Accounts of the Philippines, PSA

Table 1d. Gross Domestic Product (GDP) by Industry, Philippines, 2016-2020
(Percent Share to GDP, at Current Prices)

Industry	2016	2017	2018	2019	2020
Agriculture, forestry, and fishing	10.2	10.2	9.7	8.8	10.2
Industry	30.3	30.1	30.6	30.3	28.4
Services	59.5	59.7	59.8	60.9	61.4
Gross Domestic Product	100.0	100.0	100.0	100.0	100.0

Source: National Accounts of the Philippines, PSA

ECONOMIC GROWTH: AGRICULTURE

Table 2a. Gross Value Added (GVA) in Agriculture, Forestry, and Fishing by Industry,
Philippines, 2016-2020
(At Constant 2018 Price, in million PhP)

Industry	2016	2017	2018	2019	2020
Agricultural crops	884,734	925,995	919,543	900,785	914,697
Palay	358,273	385,740	380,311	357,982	369,205
Corn	90,186	98,358	96,904	100,085	102,515
Coconut including copra	78,361	79,151	83,528	84,403	82,000
Sugarcane including muscovado sugar-making in the farm	26,336	33,557	27,988	25,484	30,910
Banana	133,719	135,806	138,215	135,355	133,619
Mango	37,460	34,023	33,050	34,456	34,431
Pineapple	26,530	27,106	27,599	27,788	27,757
Coffee	6,864	6,175	5,956	5,855	5,904
Cassava	21,079	21,517	20,932	20,216	20,020
Rubber	8,213	9,160	9,499	9,740	10,045
Cacao	1,605	1,577	1,581	1,646	1,809
Abaca	1,841	1,795	1,784	1,858	1,826
Tobacco	1,459	1,393	1,354	1,410	1,387
Other agricultural crops, n.e.c.	92,808	90,639	90,842	94,510	93,269
Livestock	218,745	226,226	234,504	232,534	216,495
Poultry and egg production	153,681	161,433	169,999	179,875	175,507
Other animal production	46,297	49,238	53,810	70,909	68,623
Forestry and logging	2,380	2,346	2,884	3,028	2,897
Fishing and aquaculture	217,257	221,883	220,599	226,140	223,203
Support activities to agriculture, forestry, and fishing	148,990	156,013	161,278	170,583	179,123
Gross Value Added in Agriculture, Forestry, and Fishing	1,672,085	1,743,134	1,762,616	1,783,855	1,780,544

Source: National Accounts of the Philippines, PSA

Table 2b. Gross Value Added (GVA) in Agriculture, Forestry, and Fishing by Industry, Philippines, 2016-2020
(Growth Rates, at Constant 2018 Prices)

Industry	2016-2017	2017-2018	2018-2019	2019-2020
Agricultural crops	4.7	-0.7	-2.0	1.5
Palay	7.7	-1.4	-5.9	3.1
Corn	9.1	-1.5	3.3	2.4
Coconut including copra	1.0	5.5	1.0	-2.8
Sugarcane including muscovado sugar-making in the farm	27.4	-16.6	-8.9	21.3
Banana	1.6	1.8	-2.1	-1.3
Mango	-9.2	-2.9	4.3	-0.1
Pineapple	2.2	1.8	0.7	-0.1
Coffee	-10.0	-3.5	-1.7	0.8
Cassava	2.1	-2.7	-3.4	-1.0
Rubber	11.5	3.7	2.5	3.1
Cacao	-1.7	0.2	4.1	9.9
Abaca	-2.5	-0.6	4.1	-1.7
Tobacco	-4.6	-2.8	4.1	-1.6
Other agricultural crops, n.e.c.	-2.3	0.2	4.0	-1.3
Livestock	3.4	3.7	-0.8	-6.9
Poultry and egg production	5.0	5.3	5.8	-2.4
Other animal production	6.4	9.3	31.8	-3.2
Forestry and logging	-1.4	22.9	5.0	-4.3
Fishing and aquaculture	2.1	-0.6	2.5	-1.3
Support activities to agriculture, forestry, and fishing	4.7	3.4	5.8	5.0
Gross Value Added in Agriculture, Forestry, and Fishing	4.2	1.1	1.2	-0.2

Source: National Accounts of the Philippines, PSA

ECONOMIC GROWTH: AGRICULTURE

Table 2c. Gross Value Added (GVA) in Agriculture, Forestry, and Fishing by Industry,
Philippines, 2016-2020
(Percent Share, at Constant 2018 Prices)

Industry	2016	2017	2018	2019	2020
Agricultural crops	52.9	53.1	52.2	50.5	51.4
Palay	21.4	22.1	21.6	20.1	20.7
Corn	5.4	5.6	5.5	5.6	5.8
Coconut including copra	4.7	4.5	4.7	4.7	4.6
Sugarcane including muscovado sugar-making in the farm	1.6	1.9	1.6	1.4	1.7
Banana	8.0	7.8	7.8	7.6	7.5
Mango	2.2	2.0	1.9	1.9	1.9
Pineapple	1.6	1.6	1.6	1.6	1.6
Coffee	0.4	0.4	0.3	0.3	0.3
Cassava	1.3	1.2	1.2	1.1	1.1
Rubber	0.5	0.5	0.5	0.5	0.6
Cacao	0.1	0.1	0.1	0.1	0.1
Abaca	0.1	0.1	0.1	0.1	0.1
Tobacco	0.1	0.1	0.1	0.1	0.1
Other agricultural crops, n.e.c.	5.6	5.2	5.2	5.3	5.2
Livestock	13.1	13.0	13.3	13.0	12.2
Poultry and egg production	9.2	9.3	9.6	10.1	9.9
Other animal production	2.8	2.8	3.1	4.0	3.9
Forestry and logging	0.1	0.1	0.2	0.2	0.2
Fishing and aquaculture	13.0	12.7	12.5	12.7	12.5
Support activities to agriculture, forestry, and fishing	8.9	9.0	9.1	9.6	10.1
Gross Value Added in Agriculture, Forestry, and Fishing	100.0	100.0	100.0	100.0	100.0

Source: National Accounts of the Philippines, PSA

Table 2d. Gross Value Added (GVA) in Agriculture, Forestry, and Fishing by Industry,
Philippines, 2016-2020
(At Current Prices, in million PhP)

Industry	2016	2017	2018	2019	2020
Agricultural crops	803,372	880,015	919,543	842,139	922,594
Palay	299,607	342,435	380,311	301,961	330,329
Corn	74,538	83,501	96,904	93,922	86,827
Coconut including copra	95,749	106,657	83,528	67,555	80,325
Sugarcane including muscovado sugar-making in the farm	32,166	30,404	27,988	27,670	28,007
Banana	128,612	128,374	138,215	154,401	187,561
Mango	30,400	36,231	33,050	31,973	35,520
Pineapple	23,246	24,919	27,599	30,459	29,979
Coffee	6,050	6,142	5,956	5,615	5,617
Cassava	20,164	23,276	20,932	24,557	27,043
Rubber	8,263	10,665	9,499	10,158	8,637
Cacao	1,399	1,435	1,581	1,531	1,618
Abaca	1,650	1,680	1,784	1,728	1,771
Tobacco	1,364	1,359	1,354	1,330	1,891
Other agricultural crops, n.e.c.	80,164	82,939	90,842	89,279	97,470
Livestock	196,764	205,081	234,504	238,899	239,393
Poultry and egg production	157,937	172,435	169,999	179,589	188,148
Other animal production	40,273	46,788	53,810	53,067	56,553
Forestry and logging	3,007	3,031	2,884	2,626	1,809
Fishing and aquaculture	202,403	222,121	220,599	232,984	224,186
Support activities to agriculture, forestry, and fishing	140,522	156,484	161,278	172,235	194,326
Gross Value Added in Agriculture, Forestry, and Fishing	1,544,279	1,685,956	1,762,616	1,721,539	1,827,010

Source: National Accounts of the Philippines, PSA

ECONOMIC GROWTH: AGRICULTURE

Table 2e. Gross Value Added (GVA) in Agriculture, Forestry, and Fishing by Industry,
Philippines, 2016-2020
(Growth Rates, at Current Prices)

Industry	2016-2017	2017-2018	2018-2019	2019-2020
Agricultural crops	9.5	4.5	-8.4	9.6
Palay	14.3	11.1	-20.6	9.4
Corn	12.0	16.1	-3.1	-7.6
Coconut including copra	11.4	-21.7	-19.1	18.9
Sugarcane including muscovado sugar-making in the farm	-5.5	-7.9	-1.1	1.2
Banana	-0.2	7.7	11.7	21.5
Mango	19.2	-8.8	-3.3	11.1
Pineapple	7.2	10.8	10.4	-1.6
Coffee	1.5	-3.0	-5.7	0.0
Cassava	15.4	-10.1	17.3	10.1
Rubber	29.1	-10.9	6.9	-15.0
Cacao	2.6	10.1	-3.2	5.7
Abaca	1.8	6.2	-3.2	2.5
Tobacco	-0.4	-0.3	-1.8	42.2
Other agricultural crops, n.e.c.	3.5	9.5	-1.7	9.2
Livestock	4.2	14.3	1.9	0.2
Poultry and egg production	9.2	-1.4	5.6	4.8
Other animal production	16.2	15.0	-1.4	6.6
Forestry and logging	0.8	-4.8	-9.0	-31.1
Fishing and aquaculture	9.7	-0.7	5.6	-3.8
Support activities to agriculture, forestry, and fishing	11.4	3.1	6.8	12.8
Gross Value Added in Agriculture, Forestry, and Fishing	9.2	4.5	-2.3	6.1

0.0 - Less than 0.05 but not equal to 0

Source: National Accounts of the Philippines, PSA

Table 2f. Gross Value Added (GVA) in Agriculture, Forestry, and Fishing by Industry, Philippines, 2016-2020
(Percent Share, at Current Prices)

Industry	2016	2017	2018	2019	2020
Agricultural crops	52.0	52.2	52.2	48.9	50.5
Palay	19.4	20.3	21.6	17.5	18.1
Corn	4.8	5.0	5.5	5.5	4.8
Coconut including copra	6.2	6.3	4.7	3.9	4.4
Sugarcane including muscovado sugar-making in the farm	2.1	1.8	1.6	1.6	1.5
Banana	8.3	7.6	7.8	9.0	10.3
Mango	2.0	2.1	1.9	1.9	1.9
Pineapple	1.5	1.5	1.6	1.8	1.6
Coffee	0.4	0.4	0.3	0.3	0.3
Cassava	1.3	1.4	1.2	1.4	1.5
Rubber	0.5	0.6	0.5	0.6	0.5
Cacao	0.1	0.1	0.1	0.1	0.1
Abaca	0.1	0.1	0.1	0.1	0.1
Tobacco	0.1	0.1	0.1	0.1	0.1
Other agricultural crops, n.e.c.	5.2	4.9	5.2	5.2	5.3
Livestock	12.7	12.2	13.3	13.9	13.1
Poultry and egg production	10.2	10.2	9.6	10.4	10.3
Other animal production	2.6	2.8	3.1	3.1	3.1
Forestry and logging	0.2	0.2	0.2	0.2	0.1
Fishing and aquaculture	13.1	13.2	12.5	13.5	12.3
Support activities to agriculture, forestry, and fishing	9.1	9.3	9.1	10.0	10.6
Gross Value Added in Agriculture, Forestry, and Fishing	100.0	100.0	100.0	100.0	100.0

Source: National Accounts of the Philippines, PSA

Table 3a. Gross Value Added (GVA) in Agriculture, Forestry, and Fishing by Region,
Philippines, 2016-2020
(At Constant 2018 Prices, in million PhP)

Region	2016	2017	2018	2019	2020
Philippines	1,672,084,983	1,743,134,294	1,762,616,497	1,783,855,147	1,780,544,487
Luzon	799,278,971	822,738,368	823,046,519	844,386,289	818,183,202
NCR	410,606	414,913	397,870	410,906	397,530
CAR	27,852,227	29,705,577	28,676,989	29,875,118	29,230,722
Ilocos Region	106,270,087	108,559,780	109,726,744	111,847,324	112,837,118
Cagayan Valley	105,680,481	112,075,827	107,772,358	115,499,391	115,309,126
Central Luzon	252,211,653	261,996,271	266,500,392	267,583,728	254,235,144
CALABARZON	152,594,326	152,154,148	153,314,633	155,144,297	144,844,496
MIMAROPA Region	65,479,046	66,520,373	67,109,673	70,293,568	68,770,540
Bicol Region	88,780,545	91,311,479	89,547,860	93,731,957	92,558,526

Table 3a. Gross Value Added (GVA) in Agriculture, Forestry and Fishing ... (Concluded)

Region	2016	2017	2018	2019	2020
Visayas	277,001,739	295,427,853	295,159,533	297,952,891	311,532,650
Western Visayas	141,175,820	154,049,665	153,436,676	154,272,027	163,899,174
Central Visayas	73,510,585	78,798,276	79,665,185	80,319,897	83,701,534
Eastern Visayas	62,315,333	62,579,912	62,057,672	63,360,967	63,931,942
Mindanao	595,804,273	624,968,073	644,410,445	641,515,967	650,828,635
Zamboanga Peninsula	72,755,502	72,780,796	73,172,143	73,375,340	72,606,376
Northern Mindanao	160,946,735	169,370,949	173,541,351	176,155,836	178,787,867
Davao Region	137,130,574	140,642,830	144,355,518	139,227,277	140,901,804
SOCCSKSARGEN	114,247,863	124,869,531	127,681,321	127,636,365	129,556,074
Caraga	38,320,564	38,995,364	40,509,755	39,032,010	40,546,075
BARMM	72,403,035	78,308,603	85,150,356	86,089,139	88,430,439

Source: Regional Accounts of the Philippines, PSA

ECONOMIC GROWTH: AGRICULTURE

Table 3b. Gross Value Added (GVA) in Agriculture, Forestry, and Fishing by Region,
Philippines, 2016-2020
(Growth Rates, at Constant 2018 Prices)

Region	2016-2017	2017-2018	2018-2019	2019-2020
Philippines	4.2	1.1	1.2	-0.2
Luzon	2.9	0.0	2.6	-3.1
NCR	1.0	-4.1	3.3	-3.3
CAR	6.7	-3.5	4.2	-2.2
Ilocos Region	2.2	1.1	1.9	0.9
Cagayan Valley	6.1	-3.8	7.2	-0.2
Central Luzon	3.9	1.7	0.4	-5.0
CALABARZON	-0.3	0.8	1.2	-6.6
MIMAROPA Region	1.6	0.9	4.7	-2.2
Bicol Region	2.9	-1.9	4.7	-1.3
Visayas	6.7	-0.1	0.9	4.6
Western Visayas	9.1	-0.4	0.5	6.2
Central Visayas	7.2	1.1	0.8	4.2
Eastern Visayas	0.4	-0.8	2.1	0.9
Mindanao	4.9	3.1	-0.4	1.5
Zamboanga Peninsula	0.0	0.5	0.3	-1.0
Northern Mindanao	5.2	2.5	1.5	1.5
Davao Region	2.6	2.6	-3.6	1.2
SOCCSKSARGEN	9.3	2.3	0.0	1.5
Caraga	1.8	3.9	-3.6	3.9
BARMM	8.2	8.7	1.1	2.7

0.0 - Less than 0.05 but not equal to 0

Source: Regional Accounts of the Philippines, PSA

Table 3c. Gross Value Added (GVA) in Agriculture, Forestry, and Fishing
by Region, Philippines, 2016-2020
(Percent Share, at Constant 2018 Prices)

Region	2016	2017	2018	2019	2020
Philippines	100.0	100.0	100.0	100.0	100.0
Luzon	47.8	47.2	46.7	47.3	46.0
NCR	0.0	0.0	0.0	0.0	0.0
CAR	1.7	1.7	1.6	1.7	1.6
Ilocos Region	6.4	6.2	6.2	6.3	6.3
Cagayan Valley	6.3	6.4	6.1	6.5	6.5
Central Luzon	15.1	15.0	15.1	15.0	14.3
CALABARZON	9.1	8.7	8.7	8.7	8.1
MIMAROPA Region	3.9	3.8	3.8	3.9	3.9
Bicol Region	5.3	5.2	5.1	5.3	5.2
Visayas	16.6	16.9	16.7	16.7	17.5
Western Visayas	8.4	8.8	8.7	8.6	9.2
Central Visayas	4.4	4.5	4.5	4.5	4.7
Eastern Visayas	3.7	3.6	3.5	3.6	3.6
Mindanao	35.6	35.9	36.6	36.0	36.6
Zamboanga Peninsula	4.4	4.2	4.2	4.1	4.1
Northern Mindanao	9.6	9.7	9.8	9.9	10.0
Davao Region	8.2	8.1	8.2	7.8	7.9
SOCCSKSARGEN	6.8	7.2	7.2	7.2	7.3
Caraga	2.3	2.2	2.3	2.2	2.3
BARMM	4.3	4.5	4.8	4.8	5.0

0.0 - Less than 0.05 but not equal to 0

Source: Regional Accounts of the Philippines, PSA

Table 3d. Gross Value Added (GVA) in Agriculture, Forestry, and Fishing by Region,
Philippines, 2016-2020
(At Current Prices, in million PhP)

Region	2016	2017	2018	2019	2020
Philippines	1,544,278,525	1,685,956,186	1,762,616,497	1,721,538,720	1,827,010,193
Luzon	721,989,669	789,022,257	823,046,519	771,507,994	806,220,314
NCR	380,632	386,187	397,870	442,597	450,942
CAR	26,434,968	27,081,424	28,676,989	27,032,460	26,897,411
Ilocos Region	94,546,569	101,233,334	109,726,744	104,414,631	111,751,977
Cagayan Valley	95,863,577	106,091,709	107,772,358	103,514,231	107,984,391
Central Luzon	228,110,146	254,379,766	266,500,392	231,944,950	245,518,822
CALABARZON	136,432,768	147,970,446	153,314,633	154,281,235	162,136,873
MIMAROPA Region	57,534,218	62,311,521	67,109,673	64,090,817	62,399,716
Bicol Region	82,686,790	89,567,870	89,547,860	85,787,072	89,080,182

Table 3d. Gross Value Added (GVA) in Agriculture, Forestry and Fishing ... (Concluded)

Region	2016	2017	2018	2019	2020
Visayas	263,786,314	285,866,037	295,159,533	284,858,071	303,745,660
Western Visayas	134,002,423	148,463,338	153,436,676	144,203,590	153,014,402
Central Visayas	67,759,679	75,789,067	79,665,185	79,460,898	84,960,507
Eastern Visayas	62,024,211	61,613,632	62,057,672	61,193,584	65,770,751
Mindanao	558,502,542	611,067,891	644,410,445	665,172,656	717,044,218
Zamboanga Peninsula	61,941,592	68,081,597	73,172,143	74,662,581	75,755,019
Northern Mindanao	152,378,964	164,210,149	173,541,351	182,869,141	193,244,202
Davao Region	131,595,401	139,953,879	144,355,518	149,367,214	174,415,919
SOCCSKSARGEN	110,292,905	123,785,802	127,681,321	130,741,954	135,553,295
Caraga	36,098,282	38,494,878	40,509,755	39,889,432	43,534,674
BARMM	66,195,398	76,541,585	85,150,356	87,642,334	94,541,109

Source: Regional Accounts of the Philippines, PSA

ECONOMIC GROWTH: AGRICULTURE

Table 3e. Gross Value Added (GVA) in Agriculture, Forestry, and Fishing by Region, Philippines, 2016-2020
(Growth Rates, at Current Prices)

Region	2016-2017	2017-2018	2018-2019	2019-2020
Philippines	9.2	4.5	-2.3	6.1
Luzon	9.3	4.3	-6.3	4.5
NCR	1.5	3.0	11.2	1.9
CAR	2.4	5.9	-5.7	-0.5
Ilocos Region	7.1	8.4	-4.8	7.0
Cagayan Valley	10.7	1.6	-4.0	4.3
Central Luzon	11.5	4.8	-13.0	5.9
CALABARZON	8.5	3.6	0.6	5.1
MIMAROPA Region	8.3	7.7	-4.5	-2.6
Bicol Region	8.3	0.0	-4.2	3.8
Visayas	8.4	3.3	-3.5	6.6
Western Visayas	10.8	3.3	-6.0	6.1
Central Visayas	11.8	5.1	-0.3	6.9
Eastern Visayas	-0.7	0.7	-1.4	7.5
Mindanao	9.4	5.5	3.2	7.8
Zamboanga Peninsula	9.9	7.5	2.0	1.5
Northern Mindanao	7.8	5.7	5.4	5.7
Davao Region	6.4	3.1	3.5	16.8
SOCCSKSARGEN	12.2	3.1	2.4	3.7
Caraga	6.6	5.2	-1.5	9.1
BARMM	15.6	11.2	2.9	7.9

0.0 - Less than 0.05 but not equal to 0

Source: Regional Accounts of the Philippines, PSA

Table 3f. Gross Value Added (GVA) in Agriculture, Forestry, and Fishing by Region, Philippines, 2016-2020
(Percent Share, at Current Prices)

Region	2016	2017	2018	2019	2020
Philippines	100.0	100.0	100.0	100.0	100.0
Luzon	46.8	46.8	46.7	44.8	44.1
NCR	0.0	0.0	0.0	0.0	0.0
CAR	1.7	1.6	1.6	1.6	1.5
Ilocos Region	6.1	6.0	6.2	6.1	6.1
Cagayan Valley	6.2	6.3	6.1	6.0	5.9
Central Luzon	14.8	15.1	15.1	13.5	13.4
CALABARZON	8.8	8.8	8.7	9.0	8.9
MIMAROPA Region	3.7	3.7	3.8	3.7	3.4
Bicol Region	5.4	5.3	5.1	5.0	4.9
Visayas	17.1	17.0	16.7	16.5	16.6
Western Visayas	8.7	8.8	8.7	8.4	8.4
Central Visayas	4.4	4.5	4.5	4.6	4.7
Eastern Visayas	4.0	3.7	3.5	3.6	3.6
Mindanao	36.2	36.2	36.6	38.6	39.2
Zamboanga Peninsula	4.0	4.0	4.2	4.3	4.1
Northern Mindanao	9.9	9.7	9.8	10.6	10.6
Davao Region	8.5	8.3	8.2	8.7	9.5
SOCCSKSARGEN	7.1	7.3	7.2	7.6	7.4
Caraga	2.3	2.3	2.3	2.3	2.4
BARMM	4.3	4.5	4.8	5.1	5.2

0.0 - Less than 0.05 but not equal to 0

Source: Regional Accounts of the Philippines, PSA

ECONOMIC GROWTH: AGRICULTURE

Table 4a. Regional Gross Value Added (GVA) in Agriculture, Forestry,
and Fishing to Gross Regional Domestic Product (GRDP),
Philippines, 2016-2020
(Percent Share, at Constant 2018 Prices)

Region	2016	2017	2018	2019	2020
Philippines	10.4	10.1	9.7	9.2	10.2
Luzon	7.1	6.9	6.5	6.2	6.7
NCR	0.0	0.0	0.0	0.0	0.0
CAR	10.4	10.2	9.3	9.3	10.1
Ilocos Region	20.2	19.6	18.7	17.7	19.4
Cagayan Valley	30.9	30.4	28.0	28.1	31.1
Central Luzon	14.4	13.6	12.9	12.3	13.5
CALABARZON	6.5	6.0	5.7	5.5	5.7
MIMAROPA Region	20.4	19.5	18.1	18.2	19.2
Bicol Region	19.2	18.7	17.2	16.6	17.9
Visayas	12.6	12.6	11.9	11.3	13.0
Western Visayas	18.6	18.8	17.8	16.9	19.9
Central Visayas	7.1	7.1	6.7	6.4	7.4
Eastern Visayas	15.5	15.1	14.0	13.5	14.8
Mindanao	22.5	22.1	21.3	20.1	21.6
Zamboanga Peninsula	21.0	20.4	19.3	18.5	19.3
Northern Mindanao	22.3	22.1	21.1	20.3	21.7
Davao Region	19.0	17.9	17.2	15.5	16.9
SOCCSKSARGEN	29.0	29.4	28.1	27.2	28.8
Caraga	14.7	14.1	13.9	12.7	14.3
BARMM	36.5	35.8	36.2	34.6	36.2

0.0 - Less than 0.05 but not equal to 0

Source: Regional Accounts of the Philippines, PSA

Table 4b. Regional Gross Value Added (GVA) in Agriculture, Forestry,
and Fishing to Gross Regional Domestic Product (GRDP),
Philippines, 2016-2020
(Percent Share, at Current Prices)

Region	2016	2017	2018	2019	2020
Philippines	10.2	10.2	9.7	8.8	10.2
Luzon	6.8	6.8	6.5	5.7	6.5
NCR	0.0	0.0	0.0	0.0	0.0
CAR	10.3	9.6	9.3	8.4	9.1
Ilocos Region	19.3	19.2	18.7	16.6	18.7
Cagayan Valley	29.6	29.6	28.0	25.9	29.4
Central Luzon	13.9	13.7	12.9	10.6	13.2
CALABARZON	6.2	6.1	5.7	5.4	6.3
MIMAROPA Region	20.0	19.4	18.1	17.1	18.2
Bicol Region	19.2	19.2	17.2	15.3	17.3
Visayas	12.7	12.7	11.9	10.8	12.5
Western Visayas	18.6	18.8	17.8	15.7	18.0
Central Visayas	6.9	7.1	6.7	6.3	7.3
Eastern Visayas	16.5	15.5	14.0	13.4	15.9
Mindanao	22.4	22.3	21.3	20.5	22.7
Zamboanga Peninsula	19.2	19.8	19.3	18.7	19.2
Northern Mindanao	22.4	22.3	21.1	20.7	22.4
Davao Region	19.5	18.7	17.2	16.2	19.6
SOCCSKSARGEN	28.9	29.5	28.1	27.5	29.0
Caraga	14.4	14.1	13.9	13.2	14.9
BARMM	35.9	36.3	36.2	34.4	36.3

0.0 - Less than 0.05 but not equal to 0

Source: Regional Accounts of the Philippines, PSA

MODULES OF THE AGRICULTURAL INDICATORS SYSTEM

1. Government Support in the 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
ECONOMIC GROWTH: AGRICULTURE
PHILIPPINE STATISTICS AUTHORITY**

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