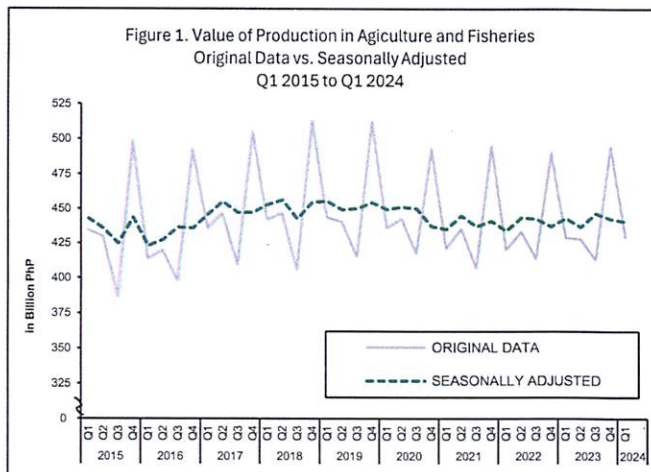


# SPECIAL RELEASE

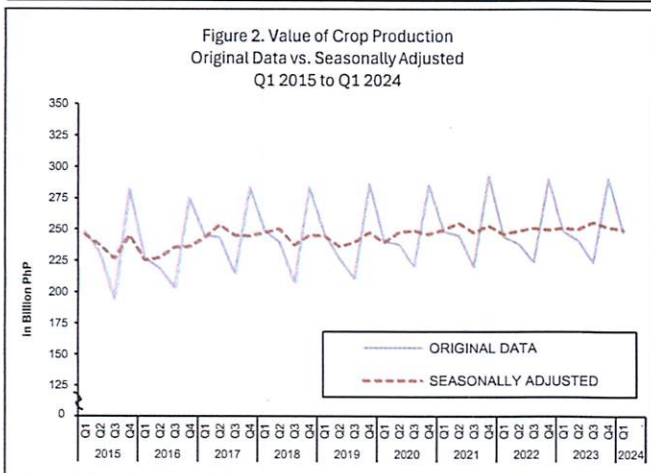
## The Seasonally Adjusted Value of Production in Agriculture and Fisheries, First Quarter 2024 (at Constant 2018 Prices)

Date of Release: 11 May 2024  
Reference No. 2024-167



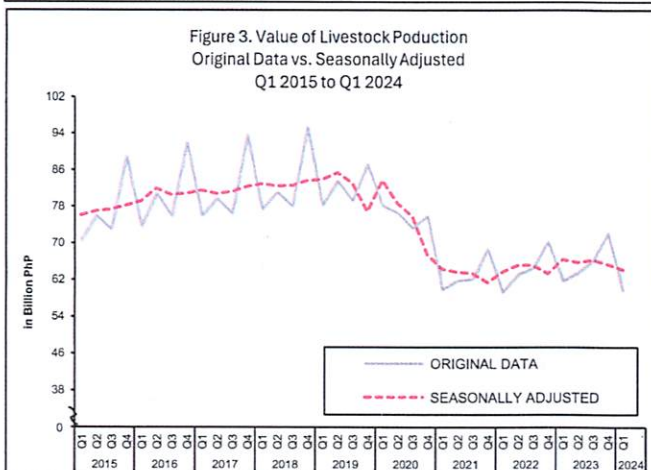
### Value of Agriculture and Fisheries Production

The seasonally adjusted value of production in agriculture and fisheries posted a quarter-on-quarter decline of 0.5 percent in the first quarter of 2024. This was attributed to the contractions in the value of crops and livestock production. (Table 2a)



### Value of Crop Production

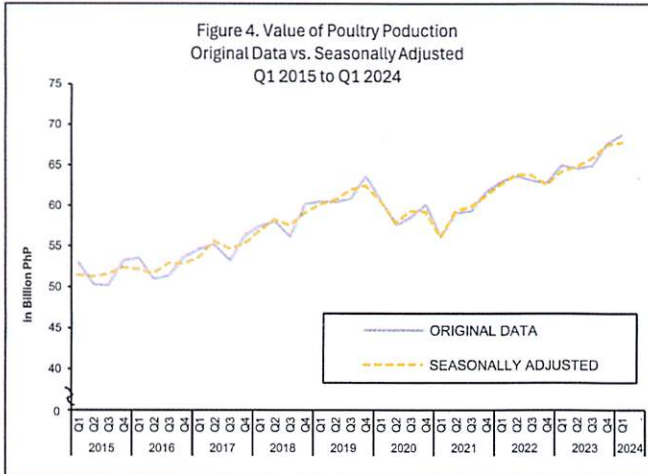
For crops, the seasonally adjusted value of production registered a quarter-on-quarter contraction of 0.8 percent. The major contributors to the decline were sugarcane, banana, and tobacco. (Tables 2a and 2b)



### Value of Livestock Production

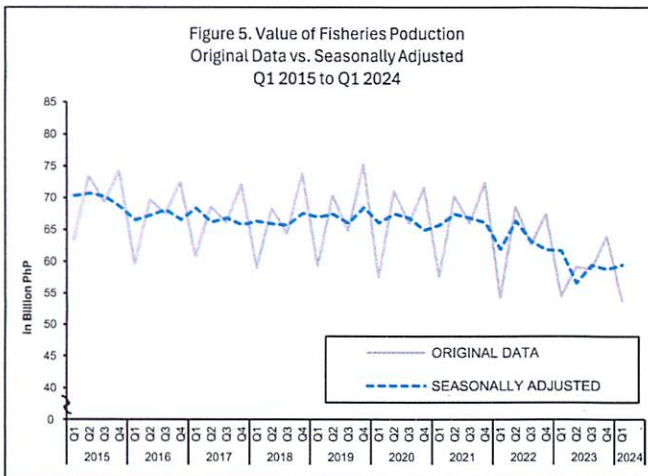
The seasonally adjusted value of livestock production posted a quarter-on-quarter reduction of 1.8 percent. Hog was the top contributor to the contraction in the value of production during the first three months of 2024. (Tables 2a and 2c)





## Value of Poultry Production

The deseasonalized value of poultry production recorded a quarter-on-quarter growth of 0.5 percent in the first quarter of 2024. The value of chicken production was the main contributor to the quarter-on-quarter growth. (Tables 2a and 2c)



## Value of Fisheries Production

On a quarter-on-quarter basis, the seasonally adjusted value of fisheries production grew by 1.2 percent in the first quarter of 2024. The leading contributors to the quarter-on-quarter growth were tilapia, tiger prawn (sugpo) and skipjack (gulyasan). (Tables 2a and 2d)

**CLAIRE DENNIS S. MAPA, PhD**  
Undersecretary  
National Statistician and Civil Registrar General

DGLDP/MSP/MCEDG

**Attachments:**

1. Statistical Tables, First Quarter 2024 Seasonally Adjusted Value of Production in Agriculture and Fisheries
2. Technical Notes, Seasonally Adjusted Value of Production in Agriculture and Fisheries
3. Infographics, First Quarter 2024 Seasonally Adjusted Value of Production in Agriculture and Fisheries

Table 1a. Seasonally Adjusted Value of Production in Agriculture and Fisheries at Constant 2018 Prices, First Quarter 2022 to First Quarter 2024 (in Million PhP)

Subsector	2022				2023				2024
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Crops	245,921	248,348	250,585	249,380	250,845	249,643	255,279	251,236	249,314
Livestock	63,652	65,121	65,107	63,288	66,310	65,718	66,172	65,250	64,093
Poultry	62,565	63,851	63,718	62,558	64,156	64,764	65,786	67,442	67,758
Fisheries	61,923	66,334	63,132	61,803	61,659	56,611	59,405	58,763	59,442
AGRICULTURE AND FISHERIES	434,061	443,655	442,541	437,029	442,970	436,735	446,641	442,691	440,607

Note: Details may not add up to totals due to rounding

Source: Philippine Statistics Authority

Table 1b. Seasonally Adjusted Value of Crop Production at Constant 2018 Prices, First Quarter 2022 to First Quarter 2024 (in Million PhP)

Subsector/ Commodity	2022				2023				2024
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Crops	245,921	248,348	250,585	249,380	250,845	249,643	255,279	251,236	249,314
Palay	98,381	100,692	102,095	98,921	103,205	101,516	101,669	99,790	101,265
Corn	28,940	29,814	27,146	30,102	29,972	29,394	29,513	29,253	30,045
Banana	37,769	38,430	38,209	37,925	38,149	38,365	38,200	37,787	36,591
Coconut	22,999	23,069	23,286	23,324	23,440	23,354	22,974	22,870	22,664
Mango	6,892	6,714	6,627	6,741	7,114	7,456	7,558	7,346	7,361
Sugarcane	9,067	8,218	10,753	10,178	7,002	7,799	9,744	11,337	9,452
Pineapple	8,273	7,967	8,052	8,287	8,047	8,232	8,317	8,306	8,209
Cassava	4,172	4,222	4,322	4,366	4,323	4,272	4,188	4,174	4,121
Rubber	2,438	2,474	2,465	2,342	2,325	2,218	2,147	2,158	2,298
Sweet Potato	2,370	2,408	2,365	2,343	2,236	2,228	2,235	2,209	2,063
Onion	2,201	2,550	2,360	2,736	2,351	2,606	6,716	2,676	2,978
Eggplant	1,899	1,885	1,825	1,836	1,877	1,828	1,549	1,873	1,823
Coffee	813	791	783	824	821	814	824	811	1,026
Tobacco	870	1,028	798	729	1,043	1,072	1,573	2,133	1,184
Abaca	1,159	1,192	1,218	1,153	1,188	1,163	1,143	1,185	1,169
Tomato	927	951	971	954	959	946	972	966	960
Potato	942	942	1,022	963	919	926	807	903	922
Ampalaya	845	840	849	813	850	862	796	837	821
Cabbage	698	750	779	714	726	720	692	807	777
Calamansi	559	534	584	574	551	552	534	553	579
Mongo	519	514	529	501	513	503	438	503	487
Cacao	215	210	212	216	214	219	224	222	221
Other Crops	12,971	12,153	13,335	12,839	13,017	12,597	12,466	12,538	12,300

Note: Details may not add up to totals due to rounding

Source: Philippine Statistics Authority

Table 1c. Seasonally Adjusted Value of Livestock and Poultry Production at Constant 2018 Prices, First Quarter 2022 to First Quarter 2024 (in Million Php)

Subsector/ Commodity	2022				2023				2024
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Livestock	63,652	65,121	65,107	63,288	66,310	65,718	66,172	65,250	64,093
Hog	51,513	52,877	52,700	50,906	54,243	53,549	53,921	52,957	52,091
Cattle	6,349	6,490	6,448	6,488	6,429	6,418	6,361	6,324	6,405
Carabao	3,138	3,058	3,168	3,084	3,083	3,089	3,122	3,088	3,101
Goat	2,335	2,393	2,478	2,542	2,274	2,389	2,480	2,570	2,205
Dairy	316	303	312	268	281	273	287	311	291
Poultry	62,565	63,851	63,718	62,558	64,156	64,764	65,786	67,442	67,758
Chicken	43,095	43,490	44,094	43,228	44,140	44,896	45,357	46,749	47,312
Duck	632	699	662	672	662	716	686	681	684
Chicken Eggs	17,537	18,289	17,610	17,364	18,024	17,880	18,435	18,706	18,479
Duck Eggs	1,302	1,373	1,352	1,294	1,330	1,271	1,308	1,306	1,283

Note: Details may not add up to totals due to rounding

Source: Philippine Statistics Authority

Table 1d. Seasonally Adjusted Value of Fisheries Production at Constant 2018 Prices, First Quarter 2022 to First Quarter 2024 (in Million Php)

Subsector/ Commodity	2022				2023				2024
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Fisheries	61,923	66,334	63,132	61,803	61,659	56,611	59,405	58,763	59,442
Milkfish (Bangus)	9,389	10,627	10,189	9,821	9,956	8,722	9,012	9,174	8,943
Tilapia	5,630	5,810	5,616	6,030	5,993	5,668	5,941	5,751	6,321
Tiger Prawn (Sugpo)	4,692	3,330	4,532	4,044	3,700	3,369	3,199	3,210	3,635
Skipjack (Gulyasan)	3,702	4,588	4,246	4,527	3,759	2,330	3,707	4,469	4,822
Roundscad (Galunggong)	3,069	2,807	2,794	2,866	2,764	3,617	3,188	2,995	2,787
Seaweed	2,921	3,157	2,716	2,659	2,897	2,961	3,059	3,019	2,906
Yellowfin Tuna (Tambakol/Bariles)	2,152	2,237	2,377	2,295	2,243	1,788	2,967	2,460	2,522
Mudcrab (Alimango)	2,424	2,120	1,865	1,653	1,556	1,742	1,331	1,967	1,060
Frigate Tuna (Tulingan)	1,787	1,478	1,691	1,625	1,280	1,325	1,550	1,545	1,651
Big-eyed Scad (Matangbaka)	2,133	2,458	1,853	2,370	2,316	2,400	2,427	2,257	2,228
Bali Sardinella (Tamban)	2,219	1,977	1,885	1,665	2,216	1,907	1,814	1,743	1,566
Squid (Pusit)	1,420	1,856	2,002	1,546	1,639	1,549	1,472	1,463	1,534
Blue Crab (Alimasag)	1,121	979	956	1,146	1,205	839	803	803	835
Bigeye Tuna (Tambakol/ Bariles)	704	1,097	1,063	447	457	551	623	840	675
Grouper (Lapu-lapu)	1,290	1,741	1,195	1,068	1,334	1,046	1,007	954	959
Indian Mackerel (Alumahan)	1,026	893	756	672	853	835	1,228	1,064	886
Threadfin Bream (Bisugo)	1,285	965	970	922	967	863	774	652	606
Slipmouth (Sapsap)	609	568	509	445	473	451	509	399	389
Cavalla (Talakitok)	852	718	834	670	659	694	671	676	671
Fimbriated Sardines (Tunsoy)	300	448	444	431	260	262	275	287	371
Other Fisheries	13,199	16,479	14,639	14,902	15,133	13,693	13,846	13,033	14,072

Note: Details may not add up to totals due to rounding

Source: Philippine Statistics Authority

Table 2a. Quarter-on-Quarter Growth Rates of Seasonally Adjusted Value of Production in Agriculture and Fisheries at Constant 2018 Prices, First Quarter 2022 to First Quarter 2024 (in percent)

Subsector	2022			2023			2024	
	Q1-Q2	Q2-Q3	Q3-Q4	Q4-Q1	Q1-Q2	Q2-Q3	Q3-Q4	Q4-Q1
Crops	1.0	0.9	-0.5	0.6	-0.5	2.3	-1.6	-0.8
Livestock	2.3	-0.02	-2.8	4.8	-0.9	0.7	-1.4	-1.8
Poultry	2.1	-0.2	-1.8	2.6	0.9	1.6	2.5	0.5
Fisheries	7.1	-4.8	-2.1	-0.2	-8.2	4.9	-1.1	1.2
AGRICULTURE AND FISHERIES	2.2	-0.3	-1.2	1.4	-1.4	2.3	-0.9	-0.5

Source: Philippine Statistics Authority

Table 2b. Quarter-on-Quarter Growth Rates of Seasonally Adjusted Value of Crop Production at Constant 2018 Prices, First Quarter 2022 to First Quarter 2024 (in percent)

Subsector/ Commodity	2022			2023			2024	
	Q1-Q2	Q2-Q3	Q3-Q4	Q4-Q1	Q1-Q2	Q2-Q3	Q3-Q4	Q4-Q1
Crops	1.0	0.9	-0.5	0.6	-0.5	2.3	-1.6	-0.8
Palay	2.3	1.4	-3.1	4.3	-1.6	0.2	-1.8	1.5
Corn	3.0	-9.0	10.9	-0.4	-1.9	0.4	-0.9	2.7
Banana	1.8	-0.6	-0.7	0.6	0.6	-0.4	-1.1	-3.2
Coconut	0.3	0.9	0.2	0.5	-0.4	-1.6	-0.5	-0.9
Mango	-2.6	-1.3	1.7	5.5	4.8	1.4	-2.8	0.2
Sugarcane	-9.4	30.8	-5.3	-31.2	11.4	24.9	16.4	-16.6
Pineapple	-3.7	1.1	2.9	-2.9	2.3	1.0	-0.1	-1.2
Cassava	1.2	2.4	1.0	-1.0	-1.2	-2.0	-0.3	-1.3
Rubber	1.5	-0.4	-5.0	-0.7	-4.6	-3.2	0.5	6.5
Sweet Potato	1.6	-1.8	-0.9	-4.6	-0.4	0.3	-1.1	-6.6
Onion	15.9	-7.4	15.9	-14.1	10.8	157.7	-60.2	11.3
Eggplant	-0.7	-3.2	0.6	2.3	-2.6	-15.3	21.0	-2.7
Coffee	-2.8	-1.0	5.3	-0.4	-0.8	1.1	-1.6	26.5
Tobacco	18.2	-22.4	-8.6	43.0	2.8	46.8	35.6	-44.5
Abaca	2.9	2.1	-5.3	3.1	-2.2	-1.6	3.6	-1.3
Tomato	2.6	2.1	-1.8	0.6	-1.4	2.8	-0.6	-0.6
Potato	0.1	8.4	-5.8	-4.5	0.7	-12.8	11.9	2.0
Ampalaya	-0.6	1.2	-4.3	4.5	1.4	-7.6	5.1	-1.9
Cabbage	7.5	3.8	-8.3	1.7	-0.8	-3.9	16.7	-3.8
Calamansi	-4.6	9.5	-1.7	-4.0	0.2	-3.3	3.7	4.6
Mongo	-0.9	2.8	-5.3	2.5	-2.1	-12.9	14.9	-3.2
Cacao	-2.7	1.4	1.5	-0.8	2.3	2.3	-0.9	-0.3
Other Crops	-6.3	9.7	-3.7	1.4	-3.2	-1.0	0.6	-1.9

Source: Philippine Statistics Authority

Table 2c. Quarter-on-Quarter Growth Rates of Seasonally Adjusted Value of Livestock and Poultry Production at Constant 2018 Prices, First Quarter 2022 to First Quarter 2024 (in percent)

Subsector/ Commodity	2022			2023				2024
	Q1-Q2	Q2-Q3	Q3-Q4	Q4-Q1	Q1-Q2	Q2-Q3	Q3-Q4	Q4-Q1
Livestock	2.3	-0.02	-2.8	4.8	-0.9	0.7	-1.4	-1.8
Hog	2.6	-0.3	-3.4	6.6	-1.3	0.7	-1.8	-1.6
Cattle	2.2	-0.6	0.6	-0.9	-0.2	-0.9	-0.6	1.3
Carabao	-2.6	3.6	-2.6	-0.02	0.2	1.1	-1.1	0.4
Goat	2.5	3.6	2.6	-10.5	5.0	3.8	3.6	-14.2
Dairy	-4.3	3.2	-14.3	4.8	-2.7	5.2	8.3	-6.5
Poultry	2.1	-0.2	-1.8	2.6	0.9	1.6	2.5	0.5
Chicken	0.9	1.4	-2.0	2.1	1.7	1.0	3.1	1.2
Duck	10.6	-5.4	1.6	-1.4	8.2	-4.3	-0.7	0.5
Chicken Eggs	4.3	-3.7	-1.4	3.8	-0.8	3.1	1.5	-1.2
Duck Eggs	5.5	-1.5	-4.3	2.8	-4.4	2.9	-0.1	-1.7

Source: Philippine Statistics Authority

Table 2d. Quarter-on-Quarter Growth Rates of Seasonally Adjusted Value of Fisheries Production at Constant 2018 Prices, First Quarter 2022 to First Quarter 2024 (in percent)

Subsector/ Commodity	2022				2023				2024
	Q1-Q2	Q2-Q3	Q3-Q4	Q4-Q1	Q1-Q2	Q2-Q3	Q3-Q4	Q4-Q1	
Fisheries	7.1	-4.8	-2.1	-0.2	-8.2	4.9	-1.1	1.2	
Milkfish (Bangus)	13.2	-4.1	-3.6	1.4	-12.4	3.3	1.8	-2.5	
Tilapia	3.2	-3.3	7.4	-0.6	-5.4	4.8	-3.2	9.9	
Tiger Prawn (Sugpo)	-29.0	36.1	-10.8	-8.5	-8.9	-5.0	0.3	13.2	
Skipjack (Gulyasan)	23.9	-7.4	6.6	-17.0	-38.0	59.1	20.6	7.9	
Roundscad (Galunggong)	-8.5	-0.5	2.6	-3.5	30.8	-11.9	-6.0	-6.9	
Seaweed	8.1	-14.0	-2.1	9.0	2.2	3.3	-1.3	-3.8	
Yellowfin Tuna (Tambakol/Bariles)	4.0	6.3	-3.5	-2.3	-20.3	66.0	-17.1	2.5	
Mudcrab (Alimango)	-12.5	-12.0	-11.3	-5.9	12.0	-23.6	47.7	-46.1	
Frigate Tuna (Tulingan)	-17.3	14.4	-3.9	-21.2	3.6	17.0	-0.3	6.9	
Big-eyed Scad (Matangbaka)	15.3	-24.6	27.9	-2.3	3.6	1.1	-7.0	-1.3	
Bali Sardinella (Tamban)	-10.9	-4.7	-11.7	33.1	-14.0	-4.8	-3.9	-10.1	
Squid (Pusit)	30.7	7.9	-22.8	6.0	-5.5	-5.0	-0.6	4.8	
Blue Crab (Alimasag)	-12.7	-2.4	19.9	5.1	-30.4	-4.3	-0.01	4.1	
Bigeye Tuna (Tambakol/ Bariles)	55.7	-3.0	-58.0	2.4	20.4	13.1	34.9	-19.6	
Grouper (Lapu-lapu)	35.0	-31.4	-10.6	24.9	-21.6	-3.7	-5.3	0.5	
Indian Mackerel (Alumahan)	-13.0	-15.4	-11.0	26.8	-2.1	47.1	-13.3	-16.7	
Threadfin Bream (Bisugo)	-24.9	0.4	-4.9	4.9	-10.8	-10.2	-15.8	-7.0	
Slipmouth (Sapsap)	-6.7	-10.4	-12.6	6.2	-4.7	13.1	-21.8	-2.3	
Cavalla (Talakitok)	-15.7	16.0	-19.6	-1.8	5.4	-3.3	0.8	-0.7	
Fimbriated Sardines (Tunsoy)	49.3	-0.8	-3.1	-39.6	0.8	5.1	4.4	29.2	
Other Fisheries	24.9	-11.2	1.8	1.5	-9.5	1.1	-5.9	8.0	

Source: Philippine Statistics Authority

## TECHNICAL NOTES

### I. Introduction

The Seasonally Adjusted Value of Production in Agriculture and Fisheries presents the accomplishments of agriculture and fisheries during a particular reference period without the effects of seasonal factors. It covers all agriculture and fishery commodities, highlighting 22 commodities for crops, nine commodities for livestock and poultry, and 20 commodities for fisheries.

By removing the seasonal component from the series, seasonal adjustment reveals the true movement or behavior, enabling comparisons across time periods.

### II. Data Collection

The generation of the original series on the Value of Production in Agriculture and Fisheries requires data on volume of production and farmgate prices. These data are sourced from the following PSA surveys and administrative-based records from other government agencies:

Variable	Source
1. Volume of Production by commodity	
a. Crops	Palay Production Survey (PPS)
	Corn Production Survey (CPS)
	Crops Production Survey (CrPS)
b. Livestock and Poultry	Backyard Livestock and Poultry Survey (BLPS)
	Commercial Livestock and Poultry Survey (CLPS)
c. Fisheries	Quarterly Municipal Fisheries Survey (QMFS)
	Quarterly Inland Fisheries Survey (QIFS)
	Quarterly Commercial Fisheries Survey (QCFS)
	Quarterly Aquaculture Survey (QAqS)
2. Farmgate Prices	
a. Crops	Farm Prices Survey (FPS)
	CPS
	CrPS
b. Livestock and Poultry	FPS, BLPS, and CLPS
c. Fisheries	QMFS
	QIFS
	QCFS
	QAqS
3. Administrative Data	
a. Volume of Production of Centrifugal Sugar and Raw Sugar	Sugar Regulatory Administration (SRA)

Variable	Source
b. Dairy Production and Price for Goat and Cattle	National Dairy Authority (NDA)
c. Dairy Production and Price for Carabao	Philippine Carabao Center (PCC)
d. Volume and Value of Commercial Fish Unloadings	Philippine Fisheries Development Authority (PFDA), Local Government Units (LGUs), and Privately Managed Landing Centers
e. Volume and Value of Municipal Fish Unloadings	PFDA and LGUs

### III. Methodology

The Seasonal Adjustment of the Value of Production in Agriculture and Fisheries uses the internationally recommended seasonal adjustment method which is the X-13 Auto-Regressive Integrated Moving Average (ARIMA) of JDemetra+.

The Seasonally Adjusted Value of Production in Agriculture and Fisheries is generated using Indirect Approach, or by seasonally adjusting the following: 22 highlighted commodities for crops and other crops; nine commodities for livestock and poultry; and 20 commodities for fisheries and other fisheries. Thereafter, the seasonally adjusted components are being added to produce the indirect seasonal adjustment aggregates.

To ensure the quality of generated seasonally adjusted estimates, Quality Statistic (Q-statistic) is measured for each adjusted series.

### IV. Concepts and Definition of Terms

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

**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. (*Seasonally Adjusted National Accounts: Sources and Methods, 2023*)

**Seasonal Adjustment** is a statistical technique to remove the effects of seasonal influences operating on a time series. (*Seasonally Adjusted National Accounts: Sources and Methods, 2023*)



## V. Dissemination of Results

The Special Release on the Seasonally Adjusted Value of Production in Agriculture and Fisheries is being released quarterly in the PSA website.

<b>Seasonally Adjusted Value of Production in Agriculture and Fisheries Report</b>	<b>Schedule of Release</b>
First Quarter of the Current Year	May of the Current Year
Second Quarter of the Current Year	August of the Current Year
Third Quarter of the Current Year	November of the Current Year
Fourth Quarter of the Current Year	January of the Succeeding Year

Table 3. Summary of Decomposition and ARIMA Models Used in the Generation of Seasonally Adjusted Value of Production in Agriculture and Fisheries, First Quarter 2024

<b>Commodity</b>	<b>Decomposition</b>	<b>ARIMA Model</b>
<b>Crops</b>		
Palay	Additive	(0,1,1)(0,1,1)
Corn	Additive	(0,0,0)(0,1,1)
Banana	Multiplicative	(1,0,0)(0,1,0)
Coconut	Additive	(1,0,0)(0,1,1)
Mango	Multiplicative	(1,0,0)(0,1,0)
Sugarcane	Additive	(2,0,0)(0,1,1)
Pineapple	Multiplicative	(1,0,1)(1,1,1)
Cassava	Additive	(0,1,1)(0,1,0)
Rubber	Additive	(1,0,0)(0,1,0)
Sweet Potato	Multiplicative	(1,0,0)(0,1,0)
Onion	Multiplicative	(1,0,0)(0,1,0)
Eggplant	Multiplicative	(2,0,2)(0,1,0)
Coffee	Multiplicative	(1,0,1)(0,1,0)
Tobacco	Multiplicative	(0,0,1)(0,1,1)
Abaca	Multiplicative	(1,0,0)(0,1,1)
Tomato	Additive	(0,0,1)(0,1,0)
Potato	Multiplicative	(0,0,0)(0,1,0)
Ampalaya	Additive	(0,1,1)(0,1,1)
Cabbage	Multiplicative	(0,0,0)(1,1,0)
Calamansi	Multiplicative	(3,0,1)(0,1,1)
Mongo	Multiplicative	(0,0,0)(0,1,0)
Cacao	Multiplicative	(0,1,1)(0,1,0)
Other Crops	Additive	(0,0,0)(0,1,0)

Commodity	Decomposition	ARIMA Model
<b>Livestock</b>		
Hog	Multiplicative	(1,0,0)(0,1,0)
Cattle	Additive	(1,1,0)(0,1,0)
Carabao	Multiplicative	(2,0,0)(0,1,0)
Goat	Additive	(3,0,1)(0,1,1)
Dairy	Multiplicative	(0,0,1)(1,0,1)
<b>Poultry</b>		
Chicken	Additive	(1,0,1)(0,1,0)
Duck	Additive	(2,0,0)(1,1,0)
Chicken Eggs	Multiplicative	(0,1,1)(0,1,1)
Duck Eggs	Multiplicative	(2,0,0)(0,1,0)
<b>Fisheries</b>		
Milkfish (Bangus)	Multiplicative	(0,1,1)(0,1,1)
Tilapia	Multiplicative	(1,1,2)(0,1,1)
Tiger Prawn (Sugpo)	Additive	(0,0,0)(0,1,1)
Skipjack (Gulyasan)	No seasonality	
Roundscad (Galunggong)	Multiplicative	(1,0,0)(0,1,1)
Seaweed	Multiplicative	(1,0,1)(0,1,0)
Yellowfin Tuna (Tambakol/Bariles)	Multiplicative	(0,1,1)(0,1,1)
Mudcrab (Alimango)	Multiplicative	(0,1,1)(0,1,0)
Frigate Tuna (Tulingan)	Multiplicative	(1,0,1)(0,1,0)
Big-eyed Scad (Matangbaka)	Multiplicative	(1,0,2)(1,0,0)
<i>Bali Sardinella</i> (Tamban)	Multiplicative	(1,0,0)(0,1,0)
Squid (Pusit)	Multiplicative	(0,0,0)(0,1,1)
Blue Crab (Alimasag)	Multiplicative	(1,0,0)(1,1,1)
Bigeye Tuna (Tambakol/Bariles)	No seasonality	
Grouper (Lapu-lapu)	Multiplicative	(0,1,1)(0,1,1)
Indian Mackerel (Alumahan)	Additive	(1,0,1)(0,1,1)
Threadfin Bream (Bisugo)	Multiplicative	(1,0,0)(0,1,0)
Slipmouth (Sapsap)	Additive	(1,0,1)(0,1,0)
Cavalla (Talakitok)	Multiplicative	(0,1,1)(0,1,1)
Fimbriated Sardines (Tunsoy)	Multiplicative	(0,1,1)(0,1,1)
Other Fisheries	Additive	(0,1,1)(0,1,1)