

# SPECIAL RELEASE

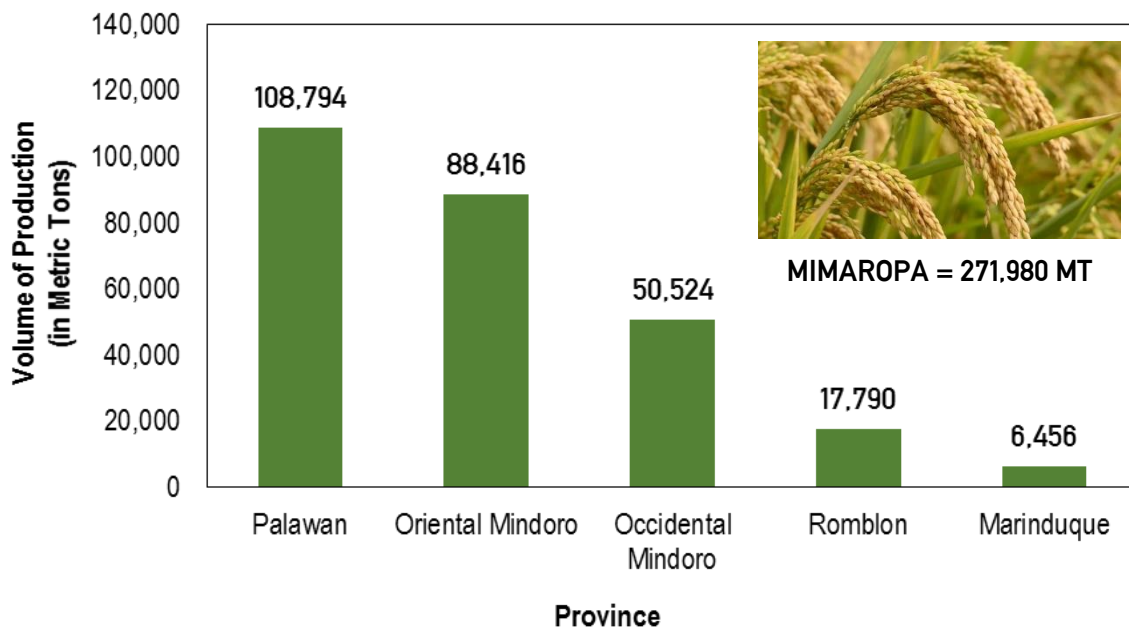
## JANUARY TO MARCH 2022 PALAY SITUATION IN MIMAROPA FINAL RESULTS

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During January to March 2022, the total volume of palay production in the MIMAROPA Region was estimated at 271,980 metric tons. Among provinces in the region, Palawan's palay production of 108,794 metric tons got the highest share of about 40.0 percent in the regional production of palay. This was followed by the production in Oriental Mindoro at 88,416 metric tons (32.5 percent share) and Occidental Mindoro at 50,524 metric tons (18.6 percent share). Meanwhile, the combined palay production from Romblon and Marinduque of 24,246 metric tons was accounted to 8.9 percent share in the MIMAROPA's total palay production.

**Figure 1. Volume of Palay Production by Province, MIMAROPA Region:  
First Quarter 2022**

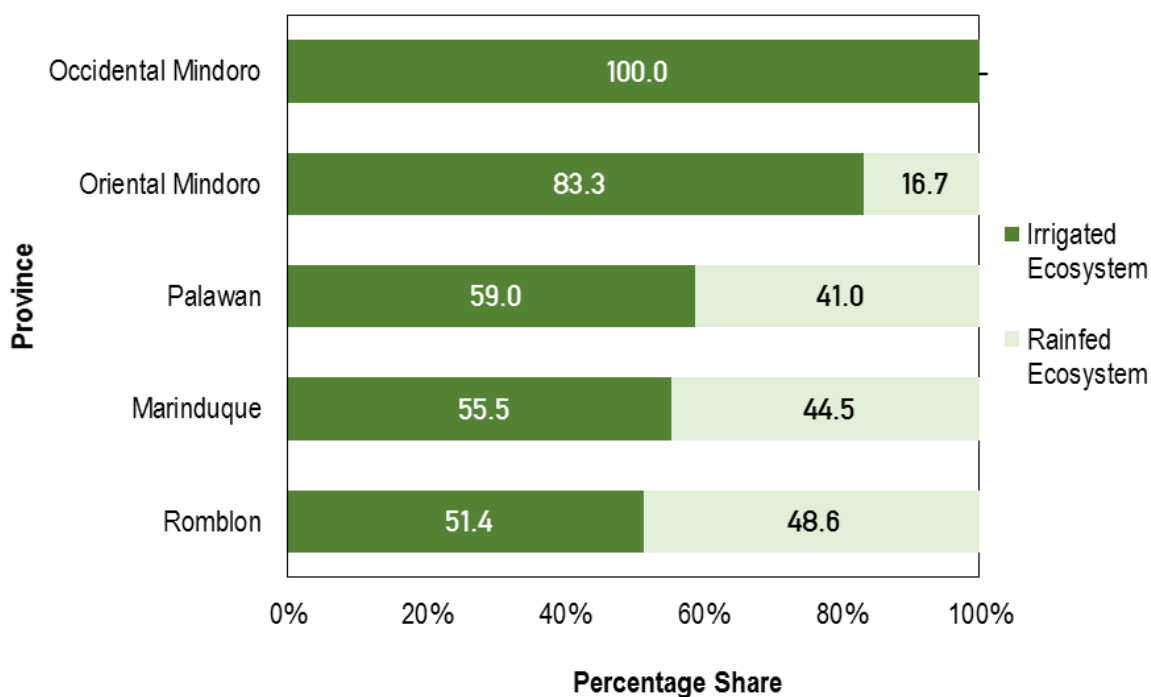


**Source:** Philippine Statistics Authority (PSA), *Palay Production Survey*



Palay produced in the MIMAROPA Region were predominantly grown and harvested from irrigated ecosystem at 201,003 metric tons. This accounts to 73.9 percent of the total volume of palay production in the region. Among provinces, the largest share of palay production from irrigated ecosystem was in Occidental Mindoro at 100.0 percent. Other provinces in the region whose palay production were predominantly grown and harvested from irrigated ecosystem during first quarter of 2022 were Oriental Mindoro (83.3 percent), Palawan (59.0 percent), Marinduque (55.5 percent), and Romblon (51.4 percent).

**Figure 2. Percentage Share by Ecosystem Type and by Province, MIMAROPA Region: First Quarter 2022**



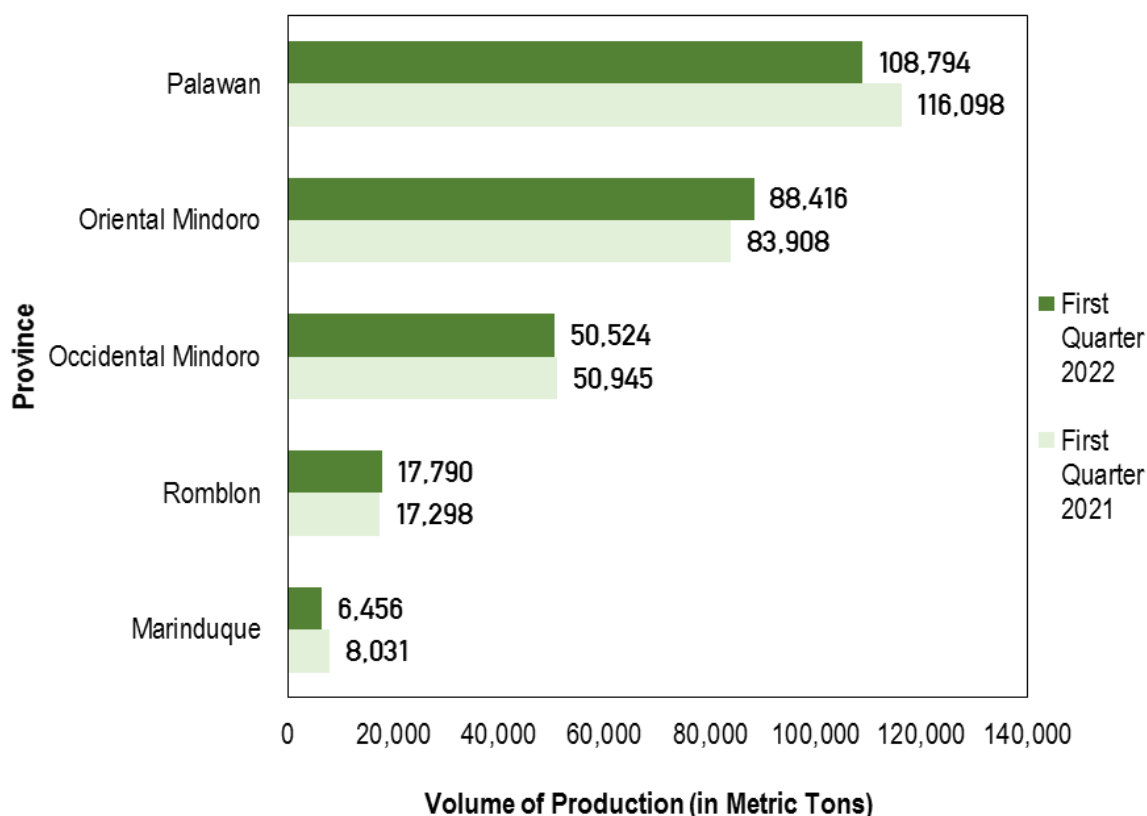
Source: PSA, *Palay Production Survey*

### Volume of palay production down by 1.6 percent

MIMAROPA Region’s palay production of 271,980 metric tons during January to March 2022 was lower by 4,025 metric tons or 2.0 percent with respect to 276,280 metric tons of palay produced last first quarter of 2021. Among provinces, Palawan posted the largest decline of 7,304 metric tons or 6.3 percent cut back from the same quarter in the previous year. Marinduque and Occidental Mindoro followed

with a corresponding decrement of 1,575 metric tons (19.6 percent), and 421 metric tons (0.8 percent) relative to their respective production relative to the same quarter of the previous year.

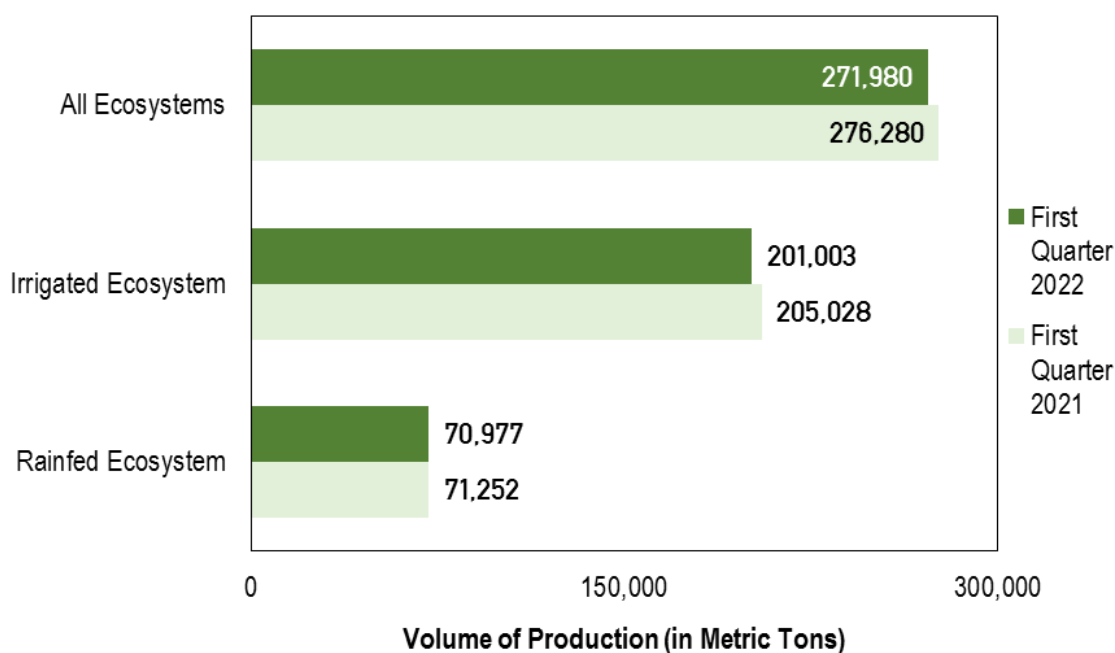
**Figure 3. Volume of Production by Province, MIMAROPA Region:  
First Quarter 2022 and First Quarter 2021**



**Source:** PSA, *Palay Production Survey*

Palay grown and harvested from irrigated ecosystem during January to March 2022 exhibited a decline by 2.0 percent at 201,003 metric tons from 205,025 metric tons from the same quarter of the previous year. The decrease was contributed by the cut back in the production of palay from irrigated farms in Palawan (5,122 metric tons), Marinduque (819 metric tons), and Occidental Mindoro (421 metric tons).

**Figure 4. Volume of Production by Ecosystem Type, MIMAROPA Region:  
First Quarter 2022 and First Quarter 2021**



Source: PSA, Palay Production Survey

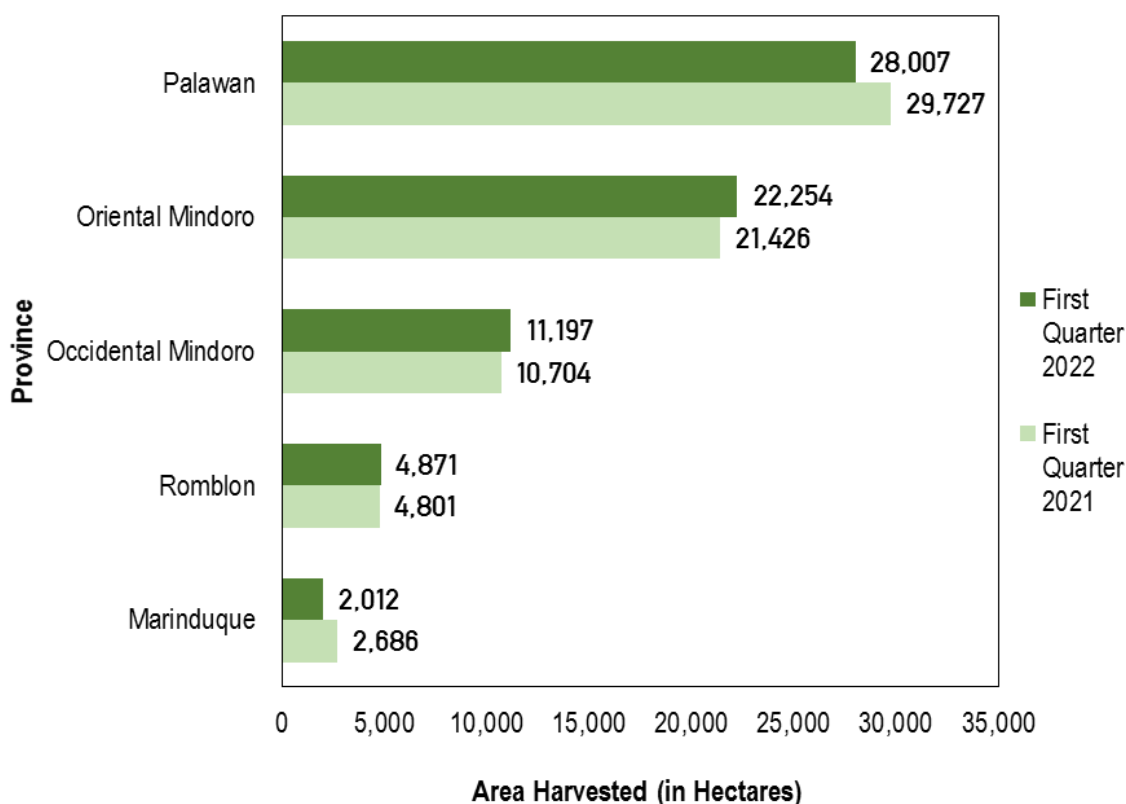
Likewise, palay production from rainfed ecosystem in the first quarter of 2022 at 70,977 metric tons slightly went down by 275 metric tons from the region’s total production of 71,252 metric tons during the same quarter of the previous year. This was contributed by the decline in palay production from rainfed ecosystem in Palawan (2,182 metric tons) and Marinduque (756 metric tons).

**Total palay area harvested shrank by 1.5 percent**

Total area harvested for all palay ecosystems during January to March 2022 in the MIMAROPA Region reached 68,341 hectares. Among provinces, Palawan recorded the largest area harvested at 28,007 hectares. Oriental Mindoro and Occidental Mindoro followed with corresponding reported area harvested of 22,254 hectares and 11,197 hectares. Meanwhile, the area harvested from Romblon and Marinduque lagged behind at 4,871 hectares and 2,012 hectares, respectively.

The regional total area harvested exhibited a decrease by 1.5 percent or 1,003 hectares compared to the recorded harvested area of 69,344 hectares last first quarter of 2021. Palawan led in the decline of the region’s area of land on which palay were grown and harvested with 1,720 hectares cut back. Marinduque followed with a reported decrease of 674 hectares.

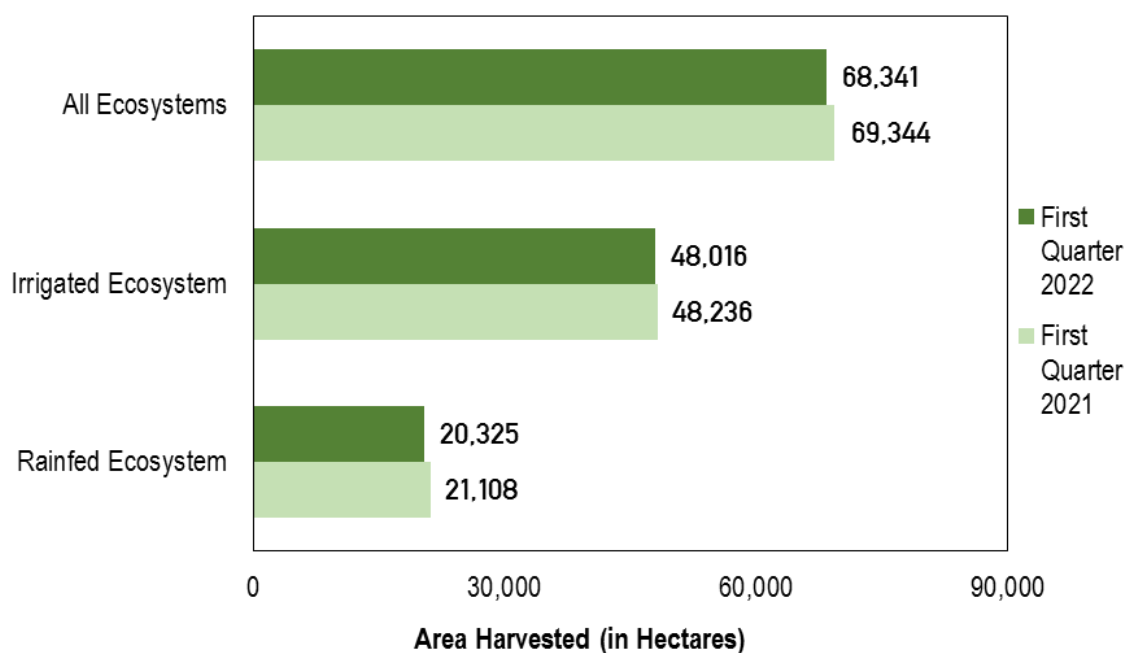
**Figure 5. Area Harvested by Province, MIMAROPA Region:  
First Quarter 2022 and First Quarter 2021**



Source: PSA, Palay Production Survey

During January to March 2022, a decrease in the area harvested of the region was noted on both irrigated and rainfed ecosystems. Area harvested on rainfed ecosystem went down by 783 hectares or 3.7 percent from 21,108 hectares last first quarter of 2021 to 20,325 hectares in the same quarter of 2022. The shrinkage of area harvested was contributed by Palawan (667 hectares) and Marinduque (446 hectares).

**Figure 6. Area Harvested by Ecosystem Type, MIMAROPA Region:  
First Quarter 2022 and First Quarter 2021**



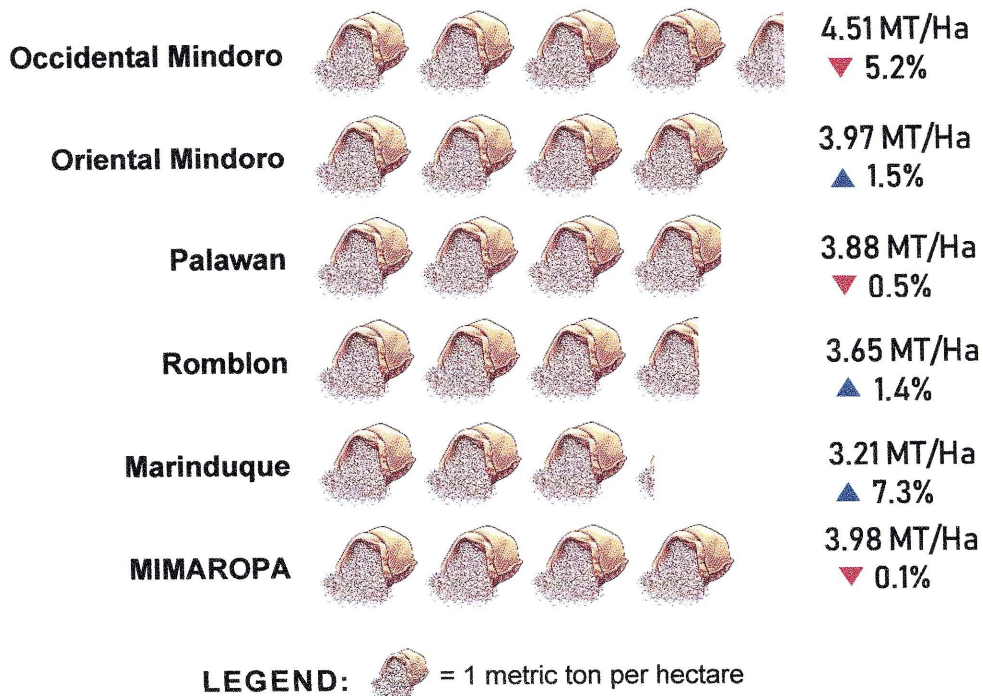
**Source:** PSA, *Palay Production Survey*

Likewise, the area harvested for irrigated ecosystem slightly decreased by 220 hectares or 0.5 percent from 48,236 hectares last first quarter of 2021 down to 48,016 hectares during first quarter of 2022. Palawan (1,053 hectares) and Marinduque (228 hectares) accounted for the decrease in the area harvested.

### **Average palay yield registered at 3.98 metric tons per hectare**

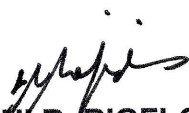
The annual average palay yield of the MIMAROPA Region during January to March 2022 was registered at 3.98 metric tons per hectare. Among provinces in the region, only Occidental Mindoro exceeded the regional average yield at 4.51 metric tons per hectare. Meanwhile Marinduque’s annual average yield of 3.21 metric tons per hectare posted the lowest average yield.

**Figure 7. Palay Yield by Province, MIMAROPA Region:  
First Quarter 2022**



**Source:** PSA, *Palay Production Survey*

With respect to the average palay yield during January to March 2022, the regional average yield slightly decreased by 0.1 percent. This was contributed by the experienced decline in the average yield in Occidental Mindoro (5.2 percent) and Palawan (0.5 percent). On the other hand, the province of Marinduque posted a significant increase in the yield by 7.3 percent, while the yield of Oriental Mindoro and Romblon slightly went up by 1.5 percent and 1.4 percent, respectively.

  
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 Regional Director

  
 MNL/M / OHG / RRL

## TECHNICAL NOTES

Palay Production Survey (PPS) is a major quarterly agricultural survey conducted by the Philippine Statistics Authority. Its main objective is to generate estimates on palay production, area and yield, and other production-related data. Production data from this survey serves as direct inputs in the value of production in the Philippine Agriculture and Fisheries, and to the computation of the Gross Domestic Product. In addition, this survey also supports the data needs of planners, policy and decision makers on palay, and stakeholders in the agricultural sector, particularly the National Economic and Development Authority (NEDA), Department of Agriculture (DA) and its attached agencies such as Philippine Rice Research Institute (PhilRice), Philippine Council for Agriculture and Fisheries (PCAF), and the general public.

Data gathered in PPS are as follows: (1) production, area planted/harvested and yield by ecosystem and by seed type; (2) usage of seeds, fertilizer and pesticides; (3) source of irrigation water and adequacy, monthly distribution of production and area harvested; (4) farm household disposition of production; and (5) area with standing crop, farmer's planting intention for the quarter.

### Definition of Terms

**Palay production** refers to the quantity of palay produced and actually harvested during the reference period. It includes those harvested but damaged, stolen, given away, consumed, given as harvesters' and thresher's shares, reserved, etc. Palay production from seed growers which are intended for seed purposes is excluded from the survey.

Two ecosystem types are considered in palay production. These are as follows:

1. **Irrigated ecosystem** refers to area with irrigation facilities supplying water through gravity, force/power, pump, and other artificial means.
2. Palay grown on a **rainfed ecosystem** has dikes that retain water and solely dependent upon rainfall for its water supply.

**Area harvested** refers to the actual area from which harvests are realized. This excludes crop areas which were totally damaged. For palay, the harvest area refers to the effective area harvested during the reference quarter.

**Yield** is an indicator of production derived by dividing the total production by the area harvested.



## STATISTICAL TABLES

**TABLE 1. Palay Volume of Production by Type of Ecosystem and by Province, MIMAROPA:  
First Quarter 2022 and First Quarter 2021**  
(Volume of Production in Metric Tons)

Region / Province / Type of Ecosystem	Volume of Production		Percent Share to Regional Total	Year-on-Year Difference	Year-on-Year Percentage Difference
	First Quarter 2022	First Quarter 2021			
<b>MIMAROPA Region</b>					
All Ecosystems	271,980.48	276,280.00	100.00	- 4,299.52	- 1.56
Irrigated	201,003.15	205,028.00	73.90	- 4,024.85	- 1.96
Rainfed	70,977.33	71,252.00	26.10	- 274.67	- 0.39
<b>Marinduque</b>					
All Ecosystems	6,456.00	8,031.00	2.37	- 1,575.00	- 19.61
Irrigated	3,586.00	4,405.00	1.32	- 819.00	- 18.59
Rainfed	2,870.00	3,626.00	1.06	- 756.00	- 20.85
<b>Occidental Mindoro</b>					
All Ecosystems	50,524.22	50,945.00	18.58	- 420.78	- 0.83
Irrigated	50,524.22	50,945.00	18.58	- 420.78	- 0.83
Rainfed	-	-	-	-	*
<b>Oriental Mindoro</b>					
All Ecosystems	88,416.26	83,908.00	32.51	4,508.26	5.37
Irrigated	73,616.93	71,446.00	27.07	2,170.93	3.04
Rainfed	14,799.33	12,462.00	5.44	2,337.33	18.76
<b>Palawan</b>					
All Ecosystems	108,794.00	116,098.00	40.00	- 7,304.00	- 6.29
Irrigated	64,136.00	69,258.00	23.58	- 5,122.00	- 7.40
Rainfed	44,658.00	46,840.00	16.42	- 2,182.00	- 4.66
<b>Romblon</b>					
All Ecosystems	17,790.00	17,298.00	6.54	492.00	2.84
Irrigated	9,140.00	8,974.00	3.36	166.00	1.85
Rainfed	8,650.00	8,324.00	3.18	326.00	3.92

**Note:** Cell with an asterisk (\*) means no production captured during the reference period.

**Source:** Philippine Statistics Authority, *Palay Production Survey*

**TABLE 2. Palay Area Harvested by Type of Ecosystem and by Province, MIMAROPA:**  
**First Quarter 2022 and First Quarter 2021**  
 (Area Harvested in Hectares)

Region / Province / Crop Type	Area Harvested		Percent Share to Regional Total	Year-on-Year Difference	Year-on-Year Percentage Difference
	First Quarter 2022	First Quarter 2021			
<b>MIMAROPA Region</b>					
All Ecosystems	68,341.00	69,344.00	100.00	- 1,003.00	- 1.45
Irrigated	48,016.00	48,236.00	70.26	- 220.00	- 0.46
Rainfed	20,325.00	21,108.00	29.74	- 783.00	- 3.71
<b>Marinduque</b>					
All Ecosystems	2,012.00	2,686.00	2.94	- 674.00	- 25.09
Irrigated	950.00	1,178.00	1.39	- 228.00	- 19.35
Rainfed	1,062.00	1,508.00	1.55	- 446.00	- 29.58
<b>Occidental Mindoro</b>					
All Ecosystems	11,197.00	10,704.00	16.38	493.00	4.61
Irrigated	11,197.00	10,704.00	16.38	493.00	4.61
Rainfed	-	-	-	-	*
<b>Oriental Mindoro</b>					
All Ecosystems	22,254.00	21,426.00	32.56	828.00	3.86
Irrigated	18,101.00	17,558.00	26.49	543.00	3.09
Rainfed	4,153.00	3,868.00	6.08	285.00	7.37
<b>Palawan</b>					
All Ecosystems	28,007.00	29,727.00	40.98	- 1,720.00	- 5.79
Irrigated	15,389.00	16,442.00	22.52	- 1,053.00	- 6.40
Rainfed	12,618.00	13,285.00	18.46	- 667.00	- 5.02
<b>Romblon</b>					
All Ecosystems	4,871.00	4,801.00	7.13	70.00	1.46
Irrigated	2,379.00	2,354.00	3.48	25.00	1.06
Rainfed	2,492.00	2,447.00	3.65	45.00	1.84

**Note:** Cell with an asterisk (\*) means no production captured during the reference period.

**Source:** Philippine Statistics Authority, *Palay Production Survey*

**TABLE 3. Palay Yield by Type of Ecosystem and by Province, MIMAROPA:**  
**First Quarter 2022 and First Quarter 2021**  
(Yield in Metric Tons per Hectare)

Region / Province / Crop Type	Yield		Year-on-Year Difference	Year-on-Year Percentage Difference
	First Quarter 2022	First Quarter 2021		
<b>MIMAROPA Region</b>				
<b>All Ecosystems</b>	<b>3.98</b>	<b>3.98</b>	<b>- 0.00</b>	<b>- 0.11</b>
Irrigated	4.19	4.25	- 0.06	- 1.51
Rainfed	3.49	3.38	0.12	3.45
<b>Marinduque</b>				
<b>All Ecosystems</b>	<b>3.21</b>	<b>2.99</b>	<b>0.22</b>	<b>7.32</b>
Irrigated	3.77	3.74	0.04	0.95
Rainfed	2.70	2.40	0.30	12.39
<b>Occidental Mindoro</b>				
<b>All Ecosystems</b>	<b>4.51</b>	<b>4.76</b>	<b>- 0.25</b>	<b>- 5.19</b>
Irrigated	4.51	4.76	- 0.25	- 5.19
Rainfed	*	*	*	*
<b>Oriental Mindoro</b>				
<b>All Ecosystems</b>	<b>3.97</b>	<b>3.92</b>	<b>0.06</b>	<b>1.45</b>
Irrigated	4.07	4.07	- 0.00	- 0.05
Rainfed	3.56	3.22	0.34	10.61
<b>Palawan</b>				
<b>All Ecosystems</b>	<b>3.88</b>	<b>3.91</b>	<b>- 0.02</b>	<b>- 0.54</b>
Irrigated	4.17	4.21	- 0.04	- 1.06
Rainfed	3.54	3.53	0.01	0.38
<b>Romblon</b>				
<b>All Ecosystems</b>	<b>3.65</b>	<b>3.60</b>	<b>0.05</b>	<b>1.37</b>
Irrigated	3.84	3.81	0.03	0.78
Rainfed	3.47	3.40	0.07	2.04

**Note:** Cell with an asterisk (\*) means no production captured during the reference period.

**Source:** Philippine Statistics Authority, *Palay Production Survey*