

SPECIAL RELEASE

PALAY SITUATION REPORT January to December 2023

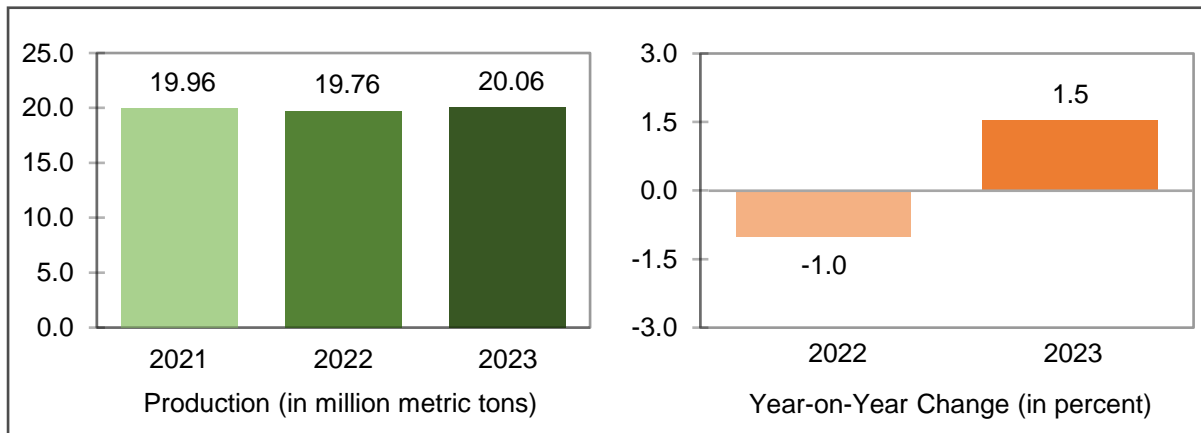
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This Special Release (SR) is the first in a series of Palay Situation Reports, which present the estimates of palay production, area harvested and yield per hectare. This quarter's release covers palay situation in the country from January to December 2023.

Palay production was registered at 20.06 million metric tons in 2023. This was higher by 1.5 percent from the previous year's output of 19.76 million metric tons. The 2023 palay production was the highest in the series, which starts in 1987. (Figure 1 and Table 1)

Figure 1. Volume of Palay Production and Year-on-Year Change
 Philippines, January to December: 2021 to 2023^p



p - preliminary

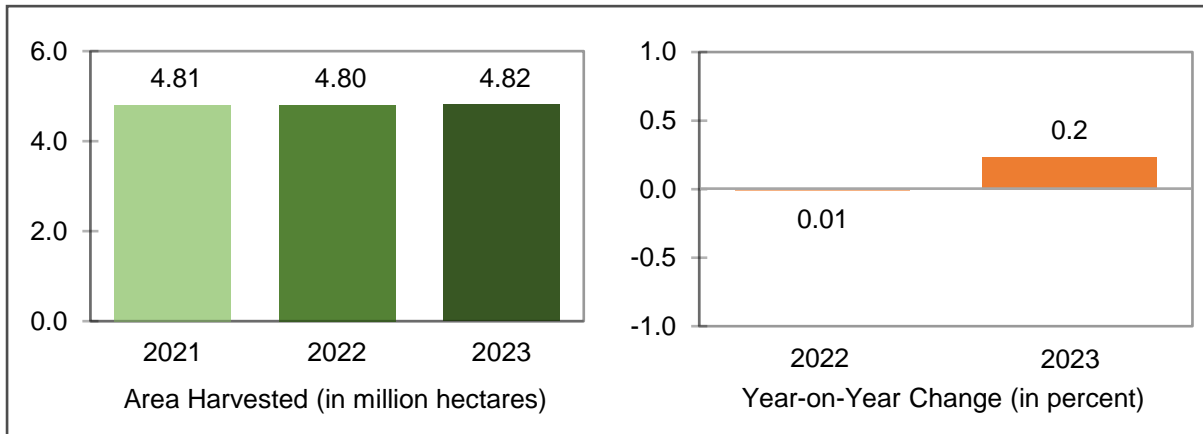
Source: Philippine Statistics Authority, Palay Production Survey

Central Luzon was the top producer of palay with 3.64 million metric tons or 18.1 percent share to the total palay production in 2023. This was followed by Cagayan Valley and Western Visayas with corresponding annual productions of 3.03 million metric tons and 2.26 million metric tons. These three regions shared 44.5 percent to the country's palay production in 2023. (Table 2)



Area harvested with palay from January to December 2023 was estimated at 4.82 million hectares. This indicates an increase of 0.2 percent from the 4.80 million hectares area harvested in 2022. (Figure 2 and Table 1)

Figure 2. Palay Area Harvested and Year-on-Year Change
Philippines, January to December: 2021 to 2023^p



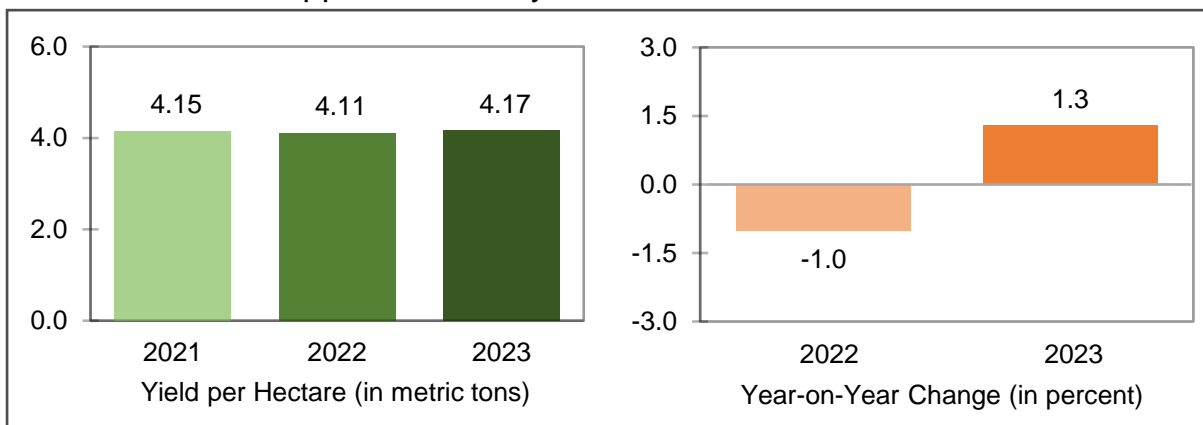
p - preliminary

Source: Philippine Statistics Authority, Palay Production Survey

In terms of area harvested, Central Luzon remained the top contributing region with 692.88 thousand hectares or 14.4 percent share to the total palay area harvested. This was followed by Western Visayas and Cagayan Valley with 666.30 thousand hectares (13.8%) and 632.73 thousand hectares (13.1%), respectively. (Table 3)

In 2023, the yield per hectare of palay was posted at 4.17 metric tons. This indicates an uptrend of 1.3 percent from the 4.11 metric tons yield per hectare in the same period of the previous year. (Figure 3 and Table 1)

Figure 3. Palay Yield per Hectare and Year-on-Year Change
Philippines, January to December: 2021 to 2023^p



p - preliminary

Source: Philippine Statistics Authority, Palay Production Survey

Central Luzon posted the highest yield in 2023 with 5.25 metric tons per hectare. This was followed by Ilocos Region and Cagayan Valley with yield per hectare of 4.84 metric tons and 4.78 metric tons, respectively. (Table 4)



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STATISTICAL TABLES

Table 1. Palay Volume of Production, Area Harvested and Yield per Hectare
Philippines: 2021 to 2023^P

| ITEM | January to December | | | Year-on-Year Change (in percent) | |
|--|---------------------|---------------|-------------------|-------------------------------------|-------------------|
| | 2021 | 2022 | 2023 ^P | 2022 | 2023 ^P |
| Volume of Production (in thousand metric tons) | 19,960,170.19 | 19,756,392.26 | 20,059,561.97 | -1.0 | 1.5 |
| Area Harvested (in hectares) | 4,805,077.46 | 4,804,590.58 | 4,815,812.75 | b | 0.2 |
| Yield per Hectare (in metric tons) | 4.15 | 4.11 | 4.17 | -1.0 | 1.3 |

p - preliminary

b - greater than 0.05 percent decrease

Note: Details may not add up to total due to rounding. Percent share may yield different results when computed manually due to rounding.

Source: Philippine Statistics Authority, Palay Production Survey

Table 2. Palay Volume of Production, By Region
January to December: 2021 to 2023^P

| Region | Volume of Production (in metric tons) | | | Year-on-Year Change (in percent) | | Percent Share |
|---------------------------------|--|----------------------|----------------------|-------------------------------------|-------------------|-------------------|
| | 2021 | 2022 | 2023 ^P | 2022 | 2023 ^P | 2023 ^P |
| Philippines | 19,960,170.19 | 19,756,392.26 | 20,059,561.97 | -1.0 | 1.5 | 100.0 |
| CAR | 377,133.35 | 338,067.44 | 331,469.66 | -10.4 | -2.0 | 1.7 |
| Region I (Ilocos Region) | 1,902,342.60 | 1,965,372.37 | 1,990,286.68 | 3.3 | 1.3 | 9.9 |
| Region II (Cagayan Valley) | 2,909,950.48 | 2,928,165.70 | 3,026,087.62 | 0.6 | 3.3 | 15.1 |
| Region III (Central Luzon) | 3,741,210.53 | 3,616,712.39 | 3,638,431.28 | -3.3 | 0.6 | 18.1 |
| Region IV-A (CALABARZON) | 409,915.07 | 395,898.69 | 433,399.42 | -3.4 | 9.5 | 2.2 |
| MIMAROPA Region | 1,225,283.21 | 1,231,812.68 | 1,210,384.05 | 0.5 | -1.7 | 6.0 |
| Region V (Bicol Region) | 1,346,952.44 | 1,329,004.41 | 1,302,648.98 | -1.3 | -2.0 | 6.5 |
| Region VI (Western Visayas) | 2,356,902.44 | 2,321,593.72 | 2,263,158.33 | -1.5 | -2.5 | 11.3 |
| Region VII (Central Visayas) | 289,502.00 | 242,394.57 | 293,073.38 | -16.3 | 20.9 | 1.5 |
| Region VIII (Eastern Visayas) | 864,373.13 | 840,344.65 | 844,372.47 | -2.8 | 0.5 | 4.2 |
| Region IX (Zamboanga Peninsula) | 667,354.85 | 651,696.53 | 703,864.31 | -2.3 | 8.0 | 3.5 |
| Region X (Northern Mindanao) | 793,640.31 | 814,738.57 | 824,241.41 | 2.7 | 1.2 | 4.1 |
| Region XI (Davao Region) | 484,724.58 | 490,254.05 | 502,744.59 | 1.1 | 2.5 | 2.5 |
| Region XII (SOCCSKSARGEN) | 1,278,188.10 | 1,244,277.89 | 1,256,405.90 | -2.7 | 1.0 | 6.3 |
| Region XIII (Caraga) | 467,743.50 | 520,181.03 | 543,431.02 | 11.2 | 4.5 | 2.7 |
| BARMM ^{1/} | 844,953.60 | 825,877.57 | 895,562.87 | -2.3 | 8.4 | 4.5 |

p - preliminary

^{1/} - The sample coverage for BARMM in 2023 includes provinces of Maguindanao del Sur and Maguindanao del Norte (previously Province of Maguindanao), Cotabato City, and the Eight Area Clusters (63 barangays previously from the Province of Cotabato).

Note: Details may not add up to total due to rounding. Percent share may yield different results when computed manually due to rounding.

Source: Philippine Statistics Authority, Palay Production Survey

Table 3. Palay Area Harvested, By Region
January to December: 2021 to 2023^p

| Region | Volume of Production (in metric tons) | | | Year-on-Year Change (in percent) | | Percent Share |
|---------------------------------|--|---------------------|---------------------|--|-------------------|-------------------|
| | 2021 | 2022 | 2023 ^p | 2022 | 2023 ^p | 2023 ^p |
| Philippines | 4,805,077.46 | 4,804,590.58 | 4,815,812.75 | b | 0.2 | 100.0 |
| CAR | 101,555.75 | 97,568.03 | 96,233.01 | -3.9 | -1.4 | 2.0 |
| Region I (Ilocos Region) | 409,035.00 | 407,408.35 | 410,924.75 | -0.4 | 0.9 | 8.5 |
| Region II (Cagayan Valley) | 613,121.35 | 622,058.30 | 632,728.40 | 1.5 | 1.7 | 13.1 |
| Region III (Central Luzon) | 728,062.51 | 705,078.46 | 692,876.98 | -3.2 | -1.7 | 14.4 |
| Region IV-A (CALABARZON) | 110,537.97 | 105,611.70 | 108,319.97 | -4.5 | 2.6 | 2.2 |
| MIMAROPA Region | 310,130.38 | 314,665.29 | 310,184.86 | 1.5 | -1.4 | 6.4 |
| Region V (Bicol Region) | 346,009.56 | 348,848.02 | 344,007.21 | 0.8 | -1.4 | 7.1 |
| Region VI (Western Visayas) | 676,927.00 | 681,300.26 | 666,296.00 | 0.6 | -2.2 | 13.8 |
| Region VII (Central Visayas) | 95,509.00 | 89,216.88 | 97,724.00 | -6.6 | 9.5 | 2.0 |
| Region VIII (Eastern Visayas) | 247,275.31 | 244,169.98 | 241,291.00 | -1.3 | -1.2 | 5.0 |
| Region IX (Zamboanga Peninsula) | 161,900.53 | 162,368.67 | 170,566.65 | 0.3 | 5.0 | 3.5 |
| Region X (Northern Mindanao) | 165,870.00 | 173,403.60 | 173,969.00 | 4.5 | 0.3 | 3.6 |
| Region XI (Davao Region) | 108,013.58 | 110,572.69 | 110,834.34 | 2.4 | 0.2 | 2.3 |
| Region XII (SOCCSKSARGEN) | 346,475.70 | 340,823.88 | 338,688.96 | -1.6 | -0.6 | 7.0 |
| Region XIII (Caraga) | 147,878.00 | 159,519.02 | 162,990.00 | 7.9 | 2.2 | 3.4 |
| BARMM ^{1/} | 236,775.82 | 241,977.45 | 258,177.62 | 2.2 | 6.7 | 5.4 |

p - preliminary

b - greater than 0.05 percent decrease

1/ - The sample coverage for BARMM in 2023 includes provinces of Maguindanao del Sur and Maguindanao del Norte (previously Province of Maguindanao), Cotabato City, and the Eight Area Clusters (63 barangays previously from the Province of Cotabato).

Note: Details may not add up to total due to rounding. Percent share may yield different results when computed manually due to rounding.

Source: Philippine Statistics Authority, Palay Production Survey

Table 4. Palay Yield per Hectare, Region
January to December: 2021 to 2023^p

| Region | Volume of Production (in metric tons) | | | Year-on-Year Change (in percent) | |
|---------------------------------|--|-------------|-------------------|--|-------------------|
| | 2021 | 2022 | 2023 ^p | 2022 | 2023 ^p |
| Philippines | 4.15 | 4.11 | 4.17 | -1.0 | 1.3 |
| CAR | 3.71 | 3.46 | 3.44 | -6.7 | -0.6 |
| Region I (Ilocos Region) | 4.65 | 4.82 | 4.84 | 3.7 | 0.4 |
| Region II (Cagayan Valley) | 4.75 | 4.71 | 4.78 | -0.8 | 1.6 |
| Region III (Central Luzon) | 5.14 | 5.13 | 5.25 | -0.2 | 2.4 |
| Region IV-A (CALABARZON) | 3.71 | 3.75 | 4.00 | 1.1 | 6.7 |
| MIMAROPA Region | 3.95 | 3.91 | 3.90 | -0.9 | -0.3 |
| Region V (Bicol Region) | 3.89 | 3.81 | 3.79 | -2.1 | -0.6 |
| Region VI (Western Visayas) | 3.48 | 3.41 | 3.40 | -2.1 | -0.3 |
| Region VII (Central Visayas) | 3.03 | 2.72 | 3.00 | -10.4 | 10.4 |
| Region VIII (Eastern Visayas) | 3.50 | 3.44 | 3.50 | -1.5 | 1.7 |
| Region IX (Zamboanga Peninsula) | 4.12 | 4.01 | 4.13 | -2.6 | 2.8 |
| Region X (Northern Mindanao) | 4.78 | 4.70 | 4.74 | -1.8 | 0.8 |
| Region XI (Davao Region) | 4.49 | 4.43 | 4.54 | -1.2 | 2.3 |
| Region XII (SOCCSKSARGEN) | 3.69 | 3.65 | 3.71 | -1.0 | 1.6 |
| Region XIII (Caraga) | 3.16 | 3.26 | 3.33 | 3.1 | 2.2 |
| BARMM ^{1/} | 3.57 | 3.41 | 3.47 | -4.4 | 1.6 |

p - preliminary

1/ - The sample coverage for BARMM in 2023 includes provinces of Maguindanao del Sur and Maguindanao del Norte (previously Province of Maguindanao), Cotabato City, and the Eight Area Clusters (63 barangays previously from the Province of Cotabato).

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