



SPECIAL RELEASE

Rice and Corn Stocks Inventory, 01 January 2022

Date of Release: 14 March 2022

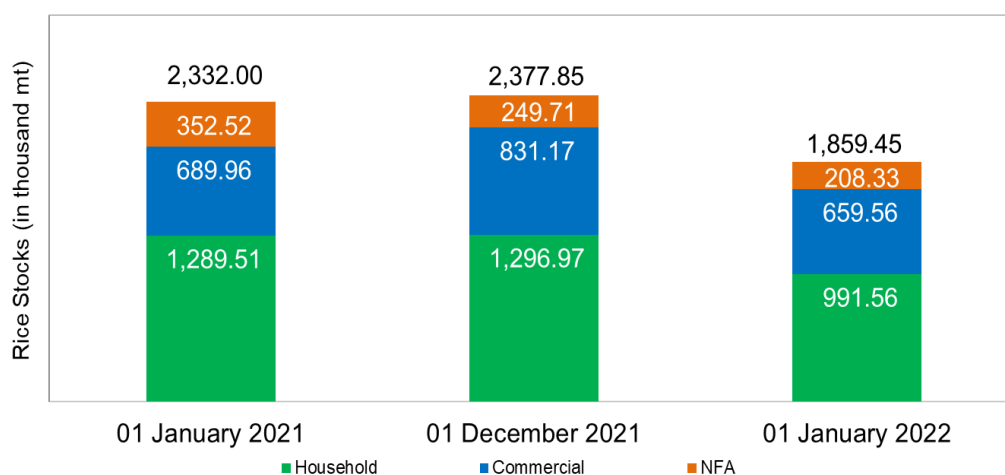
Reference No. 2022-91

RICE

The total rice stocks inventory as of 01 January 2022 was at 1,859.45 thousand metric tons. Compared with the same month of the previous year's inventory level of 2,332.00 thousand metric tons, the rice stocks inventory registered a -20.3 percent decrease.

In contrast to the previous month's rice stocks inventory level of 2,377.85 thousand metric tons, there was a -21.8 percent drop. (Figure 1 and Table 1)

Figure 1. Inventory of Rice Stocks, Philippines
January 2021, December 2021, and January 2022



Note: Details may not add up to total due to rounding off.

Source: Philippine Statistics Authority, Palay and Corn Stocks Survey (PCSS) and Commercial Stocks Survey (CSS); National Food Authority, NFA Grains Situation Report



In all sectors, rice stocks inventories posted annual decreases in January 2022. Declines were at -23.1 percent in households, -4.4 percent in commercial warehouses/wholesalers/retailers, and -40.9 percent in NFA depositories.

Likewise, month-on-month reductions of -23.5 percent in the households, -20.6 percent in commercial warehouses/wholesalers/retailers, and -16.6 percent in NFA depositories were seen in the rice stocks inventories.

Of the total rice stocks inventory, about 53.3 percent were from the households. The remaining 35.5 percent and 11.2 percent were contributed by the commercial warehouses/wholesalers/retailers and NFA depositories, respectively. (Table 1)

Table 1. Level and Percent Change of Rice Stocks by Sector: Philippines
January 2021, December 2021, and January 2022

SECTOR	Percent share to total stocks	Stocks, in '000 Metric Tons			Percentage Change	
		01 January 2021	01 December 2021	01 January 2022	01 Jan 2022/ 01 Jan 2021	01 Jan 2022/ 01 Dec 2021
TOTAL STOCKS	100.0	2,332.00	2,377.85	1,859.45	-20.3	-21.8
Household	53.3	1,289.51	1,296.97	991.56	-23.1	-23.5
Commercial	35.5	689.96	831.17	659.56	-4.4	-20.6
NFA	11.2	352.52	249.71	208.33	-40.9	-16.6

Note: Details may not add up to total due to rounding.

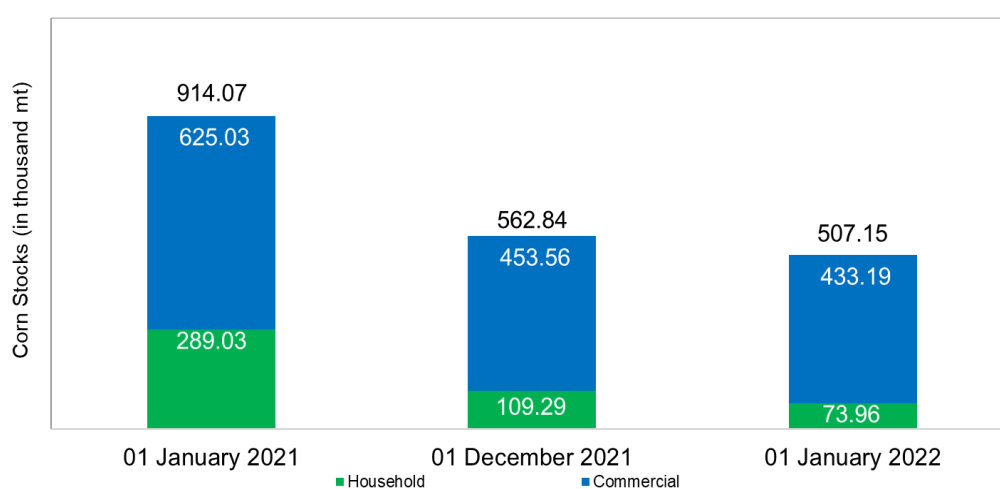
Source: Philippine Statistics Authority, Palay and Corn Stocks Survey (PCSS), Commercial Stocks Survey (CSS), and National Food Authority, NFA Grains Situation Report

CORN

As of 01 January 2022, the total corn stocks inventory level was 507.15 thousand metric tons. It was -44.5 percent lower compared with the same month of the previous year's level of 914.07 thousand metric tons.

As compared with the last month's corn stocks inventory level of 562.84 thousand metric tons, a drop of -9.9 percent was recorded in January 2022. (Figure 2 and Table 2)

Figure 2. Inventory of Corn Stocks, Philippines
January 2021, December 2021, and January 2022



Note: Details may not add up to total due to rounding off.

Source: Philippine Statistics Authority, Palay and Corn Stocks Survey (PCSS) and Commercial Stocks Survey (CSS)

Corn stocks inventory levels for both households and commercial warehouses/wholesalers/retailers continued to fall year-on-year. There were -74.4 percent and -30.7 percent decreases in the households and commercial warehouses/wholesalers/retailers, respectively.

Similarly, there were -32.3 percent decline in the household corn stocks and -4.5 percent drop in the commercial warehouses/wholesalers/retailers corn stocks relative to their previous month's stocks inventory level.

The households contributed about 14.6 percent to the total corn stocks inventory and 85.4 percent was from commercial warehouses/wholesalers/retailers. (Table 2)

Table 2. Level and Percent Change of Corn Stocks by Sector: Philippines
January 2021, December 2021, and January 2022

SECTOR	Percent share to total stocks	Stocks, in '000 Metric Tons			Percentage Change	
		01 January 2021	01 December 2021	01 January 2022	Year-on-Year	Month-on-Month
TOTAL STOCKS	100.0	914.07	562.84	507.15	-44.5	-9.9
Household	14.6	289.03	109.29	73.96	-74.4	-32.3
Commercial	85.4	625.03	453.56	433.19	-30.7	-4.5

Note: Details may not add up to total due to rounding off.

Source: Philippine Statistics Authority, Palay and Corn Stocks Survey (PCSS) and Commercial Stocks Survey (CSS)

DENNIS S. MAPA, Ph.D.

Undersecretary

National Statistician and Civil Registrar General

Technical Notes

Monthly rice and corn stocks inventory are generated from three sectors, namely: household, commercial, and government (National Food Authority). The household stocks are taken from the results of Palay and Corn Stocks Survey (PCSS) of the Philippine Statistics Authority (PSA). Effective February 2021, PSA also generates the commercial stocks inventory from the results of Commercial Stocks Survey (CSS) per Implementing Rules and Regulations of Republic Act (RA) No. 11203 known as the “Rice Tariffication Law”. The government stocks inventory is taken from administrative records from the National Food Authority.

The PCSS covers sample farming households and non-farming households nationwide. Sample farming households are sub-sample of Palay Production Survey (PPS) and Corn Production Survey (CPS). In these surveys, the primary sampling units (PSUs) are the palay/corn producing barangays and secondary sampling units (SSUs) are the palay/corn farming households. The PSUs are selected using probability proportional to size while the SSUs are selected through systematic sampling. For the non-farming households, five non-farming households are selected for each barangay.

The CSS employs a two-stage systematic sampling wherein the first level of stratification is the line of activity of the NFA registered grains businessmen and the second level of stratification is the businessmen’s capitalization. The line of activity of grains businessmen are stratified into four: 1 - retailers, 2 - wholesalers, 3 - combined retailers/wholesalers and 4 - warehousemen. The line of activity is further sub-stratified according to businessmen’ capitalization such as 1 - big, 2 - medium and 3 - small capitalization structure, while warehousemen are sub-stratified into two, that is 1 - big and 2 - combined medium and small.