



Statistics Korea

## Press Release

다시, 대한민국!  
새로운 국민의 나라

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# Estimated Rice Production in 2023

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## Estimated Rice Production in 2023

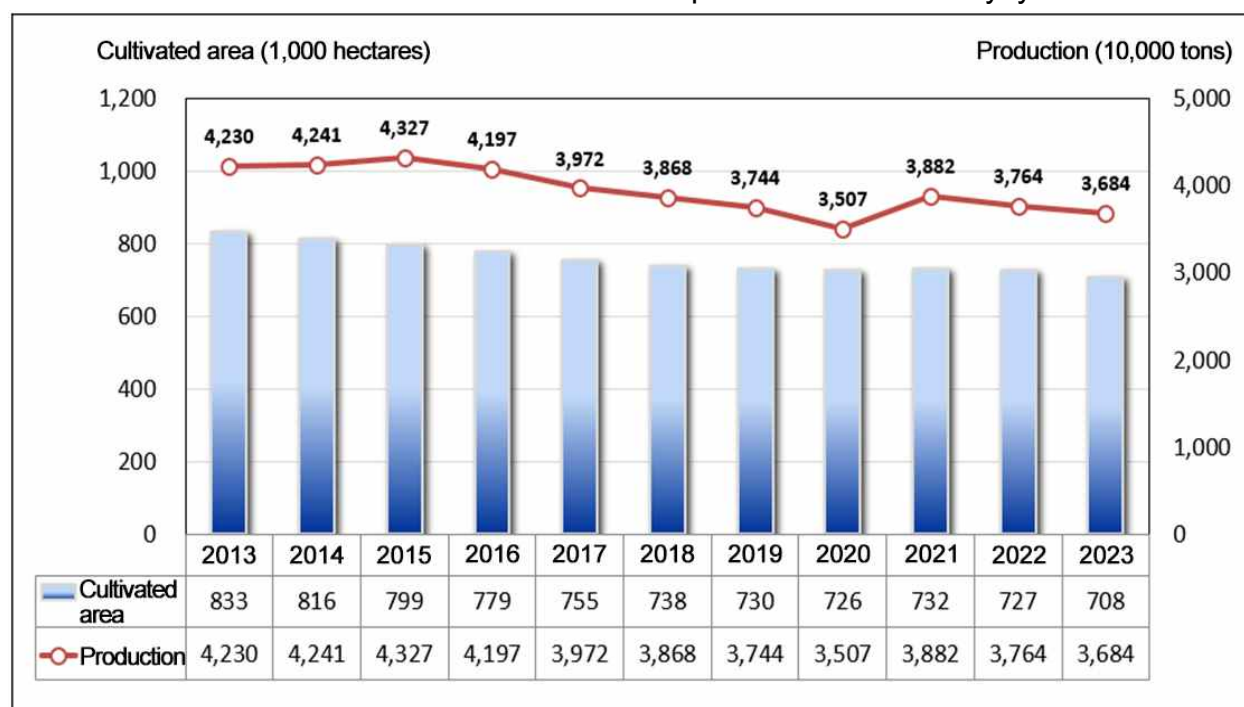
□ **The rice production is estimated to record 3.684 million tons in 2023, dropping by 2.1% from 2022.**

- Cultivated area: 727,054ha in 2022 → 708,041ha in 2023 ( $\Delta$ 2.6%)
- Estimated rice production per 10a (the ratio of brown rice to white rice at 92.9%): 518kg in 2022 → 520kg in 2023 (0.5%)
- \* Rice production per 10a when applying the ratio of brown rice to white rice at 90.4%: 504kg in 2022 → 506kg in 2023

The rice production per 10a showed a slight increase owing to the rise in the number of whole grains, which resulted from a favorable weather condition including an increase in sunshine hours between July and August.

- Estimated rice production (the ratio of brown rice to white rice at 92.9%): 3.764 million tons in 2022 → 3.684 million tons in 2023 ( $\Delta$ 2.1%)
- \* Estimated rice production when applying the ratio of brown rice to white rice at 90.4%: 3.662 million tons in 2022 → 3.585 million tons in 2023

< Trend in the cultivated area and production of rice by year >



# 1. Estimated Rice Production of the Nation

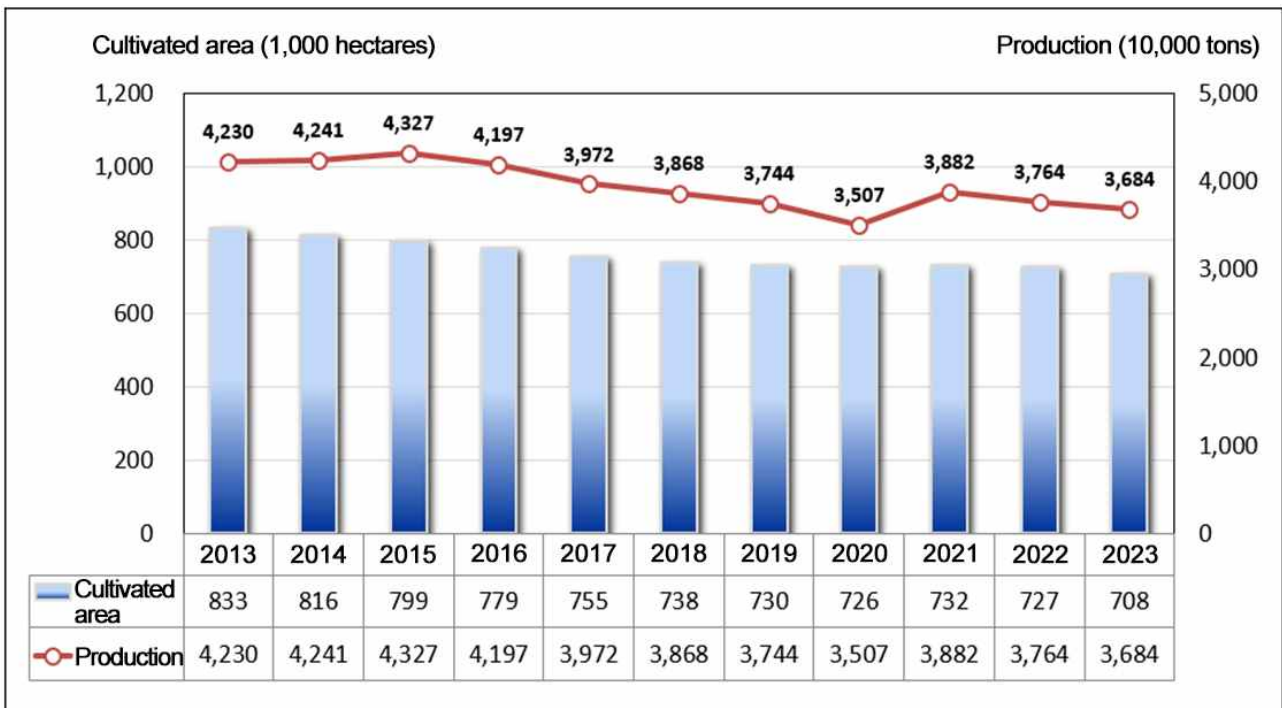
- The rice production is estimated to record 3.684 million tons in 2023, falling by 80 thousand tons ( $\Delta 2.1\%$ ) from 3.764 million tons in 2022.
- Estimated rice production (the ratio of brown rice to white rice at 92.9%): 3.764 million tons in 2022  $\rightarrow$  3.684 million tons in 2023
- \* Estimated rice production when applying the ratio of brown rice to white rice at 90.4%: 3.662 million tons in 2022  $\rightarrow$  3.585 million tons in 2023
- The total rice production is estimated to fall by 80 thousand tons ( $\Delta 2.1\%$ ) from the previous year due to the decrease in the cultivated area ( $\Delta 2.6\%$ ).

< Cultivated area and production of rice by year >

Classification	2017	2018	2019	2020	2021	2022	2023	Year-on-year (%)
	Cultivated area (1,000 hectares)	755	738	730	726	732	727	
Production per 10a (kg)	527	524	513	483	530	518	520	0.5
Total production (1,000 tons)	3,972	3,868	3,744	3,507	3,882	3,764	3,684	$\Delta 2.1$

Note) Based on the ratio of brown rice to white rice at 92.9% and paddy rice production per 10a

< Trend in the cultivated area and production of rice by year >



- The cultivated area of rice totaled 708,041ha in 2023, which declined by 2.6% from 727,054ha in 2022.

○ The cultivated area of rice showed a decrease owing to government policies to balance rice supply and demand.

□ **The rice production per 10a is estimated to record 520kg in 2023, rising by 0.5% from 518kg in 2022.**

○ Estimated rice production per 10a (the ratio of brown rice to white rice at 92.9%): 518kg in 2022 → 520kg in 2023

\* Rice production per 10a when applying the ratio of brown rice to white rice at 90.4%: 504kg in 2022 → 506kg in 2023

○ The number of ears per root recorded a drop owing to a high precipitation between the first ten days of June and the first ten days of July.

- Number of ears per root: 20.9 ears in 2022 → 20.7 ears in 2023 (0.2 ears↓)

\* Weather from the first ten days of June to the first ten days of July (Korea Meteorological Administration)

· Precipitation (mm): 293.3mm in 2021 → 195.9mm in 2022 → 307.9mm in 2023 (57.2% ↑)

○ The rice production per 10a showed a slight increase owing to the rise in the number of whole grains, which resulted from a favorable weather condition including an increase in sunshine hours between July and August.

- Number of whole grains per m<sup>2</sup>: 29,417 whole grains in 2022 → 29,639 whole grains in 2023 (222 whole grains↑)

\* Weather from the first ten days of July to the first ten days of August (Korea Meteorological Administration)

· Sunshine hours: 295.2 hours in 2021 → 221.0 hours in 2022 → 227.1 hours in 2023 (2.8% ↑)

\* Weather from the middle ten days of August to the last ten days of August (Korea Meteorological Administration)

· Average temperature: 24.1°C in 2021 → 24.3°C in 2022 → 25.9°C in 2023 (6.6% ↑)

· Sunshine hours: 81.5 hours in 2021 → 96.4 hours in 2022 → 112.0 hours in 2023 (16.2% ↑)

## 2. Estimated Rice Production by Province

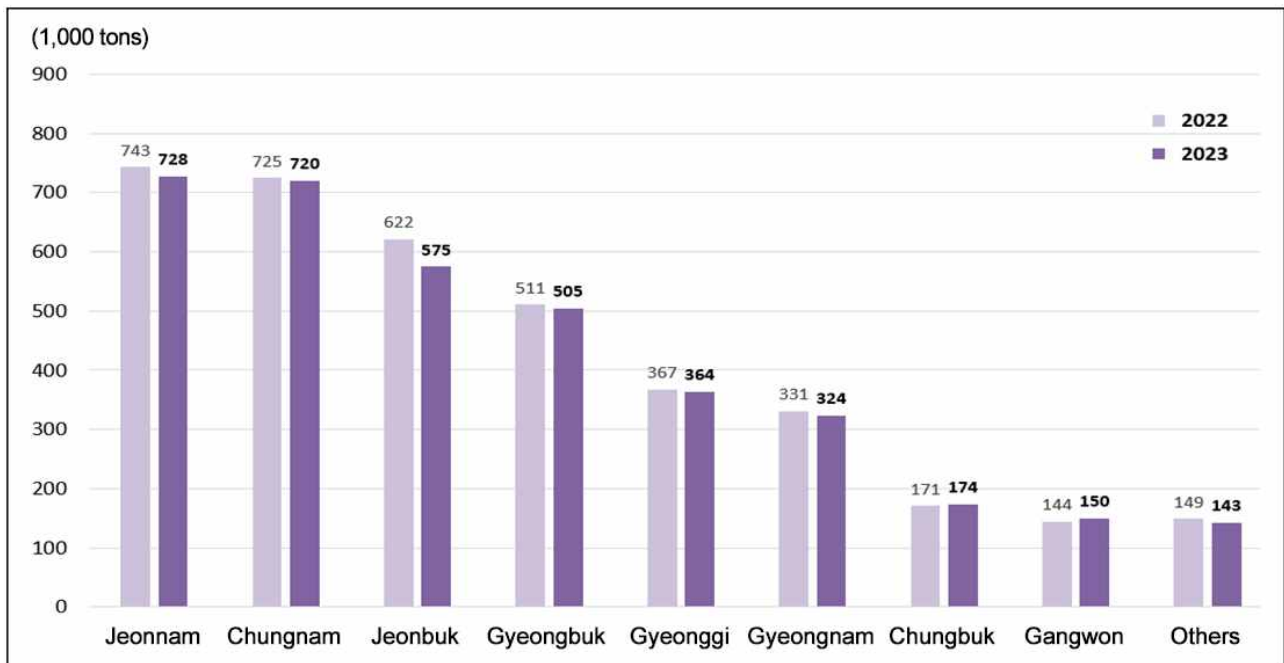
- As for rice production by province, Jeonnam recorded the highest figure at 728 thousand tons, which was followed by Chungnam (720 thousand tons) and Jeonbuk (575 thousand tons).

< Rice production and cultivated area by province >

Provinces	Cultivated area (1,000ha)			Rice production per 10a (kg)			Total production (1,000 tons)		
	2022	2023	Percent change	2022	2023	Percent change	2022	2023	Percent change
The nation	727	708	△2.6	518	520	0.5	3,764	3,684	△2.1
Gyeonggi	74	73	△0.6	498	498	△0.1	367	364	△0.7
Gangwon	29	28	△1.3	501	530	5.6	144	150	4.3
Chungbuk	33	32	△2.5	516	539	4.3	171	174	1.6
Chungnam	134	132	△1.7	541	547	1.0	725	720	△0.7
Jeonbuk	114	107	△5.6	547	536	△2.0	622	575	△7.5
Jeonnam	155	150	△3.1	481	486	1.1	743	728	△2.0
Gyeongbuk	95	93	△1.6	540	541	0.3	511	505	△1.3
Gyeongnam	64	63	△1.6	513	511	△0.4	331	324	△2.0
Others	30	29	△4.3	502	501	△0.1	149	143	△4.3

Note) Based on the ratio of brown rice to white rice at 92.9% and paddy rice production per 10a

< Rice production by province >



\* Others: Metropolitan cities, Sejong Special Self-governing City, Jeju Special Self-governing Province