



Statistics Korea

Press Release

다시, 대한민국!
새로운 국민의 나라

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Rice Production in 2023

Contact Division	Social Statistics Bureau Agriculture and Fisheries Statistics Division	Contact Person	Choi, Jae hyuk (042-481-3684)
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Rice Production in 2023

□ The rice production recorded 3.702 million tons in 2023, which fell by 1.6% from 2022.

○ Cultivated area: 727,054ha in 2022 → 708,012ha in 2023 (△2.6%)

○ Rice production per 10a (the ratio of brown rice to white rice at 92.9%): 518kg in 2022 → 523kg in 2023 (1.0%)

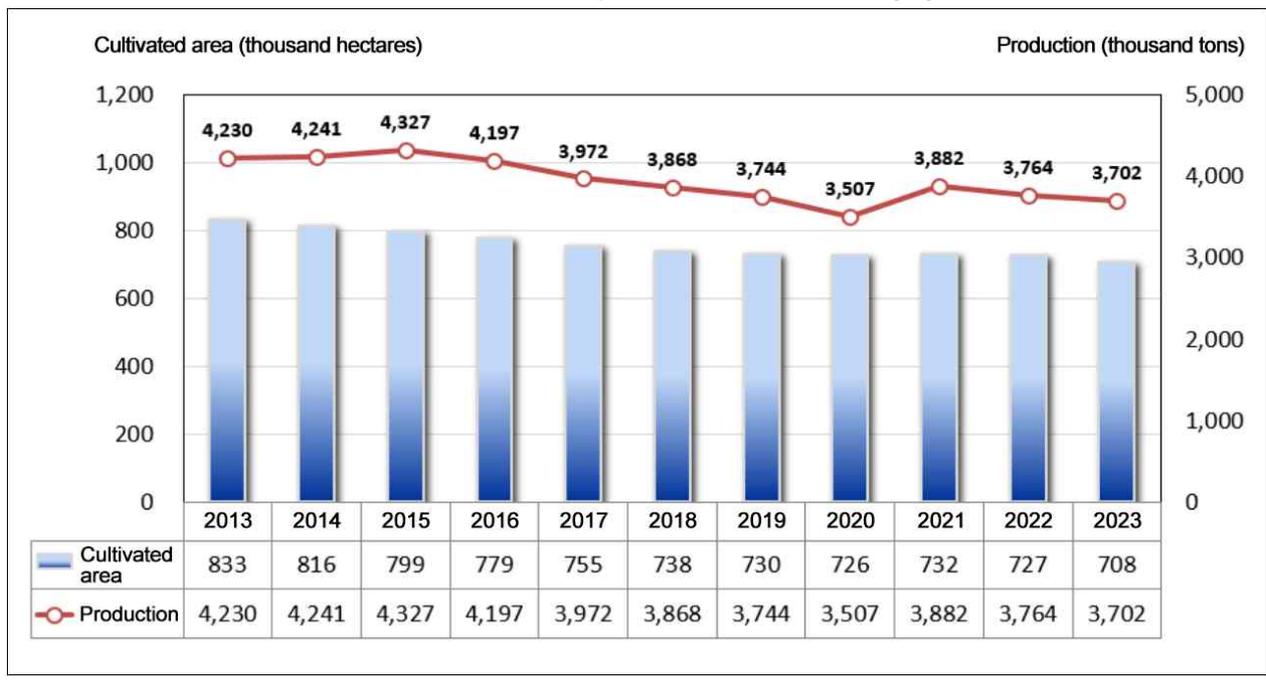
* When applying the ratio of brown rice to white rice at 90.4%: 504kg in 2022 → 509kg in 2023

- The number of whole grains per m² showed a year-on-year increase owing to the good weather conditions including a rise in sunshine hours between July and August.
- The rice production per 10a recorded a year-on-year increase owing to the good weather conditions during the September-October period.

○ Rice production (the ratio of brown rice to white rice at 92.9%): 3.764 million tons in 2022 → 3.702 million tons in 2023 (△1.6%)

* When applying the ratio of brown rice to white rice at 90.4%: 3.662 million tons in 2022 → 3.603 million tons in 2023

< Cultivated area and production of rice by year >



1. Rice Production of the Nation

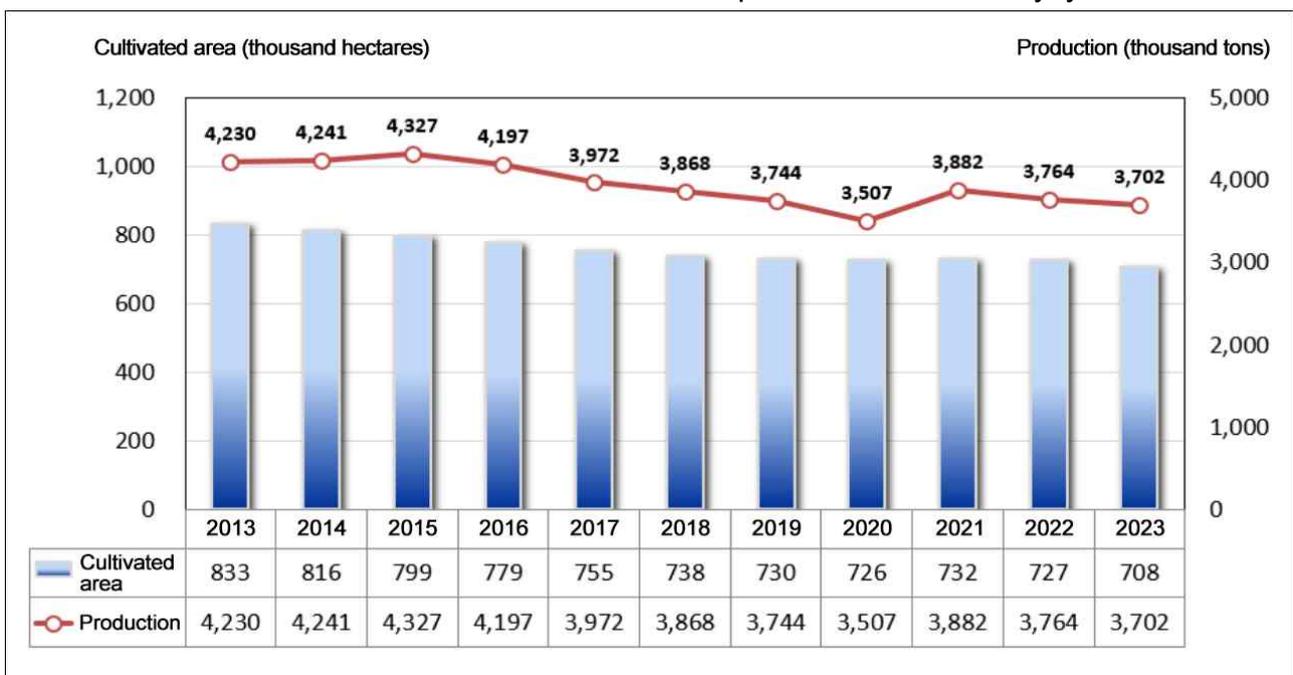
- The rice production recorded 3.702 million tons in 2023, falling by 62 thousand tons ($\Delta 1.6\%$) from 3.764 million tons in 2022.
- Total rice production (the ratio of brown rice to white rice at 92.9%): 3.764 million tons in 2022 \rightarrow 3.702 million tons in 2023
- * Rice production when applying the ratio of brown rice to white rice at 90.4%: 3.662 million tons in 2022 \rightarrow 3.603 million tons in 2023
- The total rice production dropped by 62 thousand tons ($\Delta 1.6\%$) 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 (thousand hectares)	755	738	730	726	732	727	708	$\Delta 2.6$
Production per 10a (kg)	527	524	513	483	530	518	523	1.0
Total production (thousand tons)	3,972	3,868	3,744	3,507	3,882	3,764	3,702	$\Delta 1.6$

Note) The figures are based on the ratio of brown rice to white rice at 92.9% and the production per 10a is based on paddy rice.

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



- The cultivated area of rice totaled 708,012 hectares in 2023, which decreased by 2.6% from 727,054 hectares in 2022.

○ The cultivated area of rice recorded a year-on-year decrease owing to the government project for the balance between rice supply and demand.

□ **The rice production per 10a marked 523kg in 2023, rising by 1.0% from 518kg in 2022.**

○ Rice production per 10a: 518kg in 2022 → 523kg in 2023

* Rice production per 10a when applying the ratio of brown rice to white rice at 90.4%:
504kg in 2022 → 509kg in 2023

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

- Number of ears per m²: 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: 293.3mm in 2021 → 195.9mm in 2022 → 307.99mm in 2023 (57.2%↑)

○ The number of whole grains per m² showed an increase owing to the good weather conditions including a rise in sunshine hours between July and August.

- Number of whole grains per m²: 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 (°C): 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%↑)

○ The rice production per 10a recorded a year-on-year increase owing to the good weather conditions including a rise in the average temperature and a drop in precipitation between September 1st and October 15th.

* Weather from September 1st to October 15th (Korea Meteorological Administration)

· Average temperature (°C): 21.1°C in 2021 → 19.5°C in 2022 → 20.6°C in 2023 (5.6%↑)

· Precipitation: 191.1mm in 2021 → 229.7mm in 2022 → 198.0mm in 2023 (13.8%↓)

2. Rice Production by Province

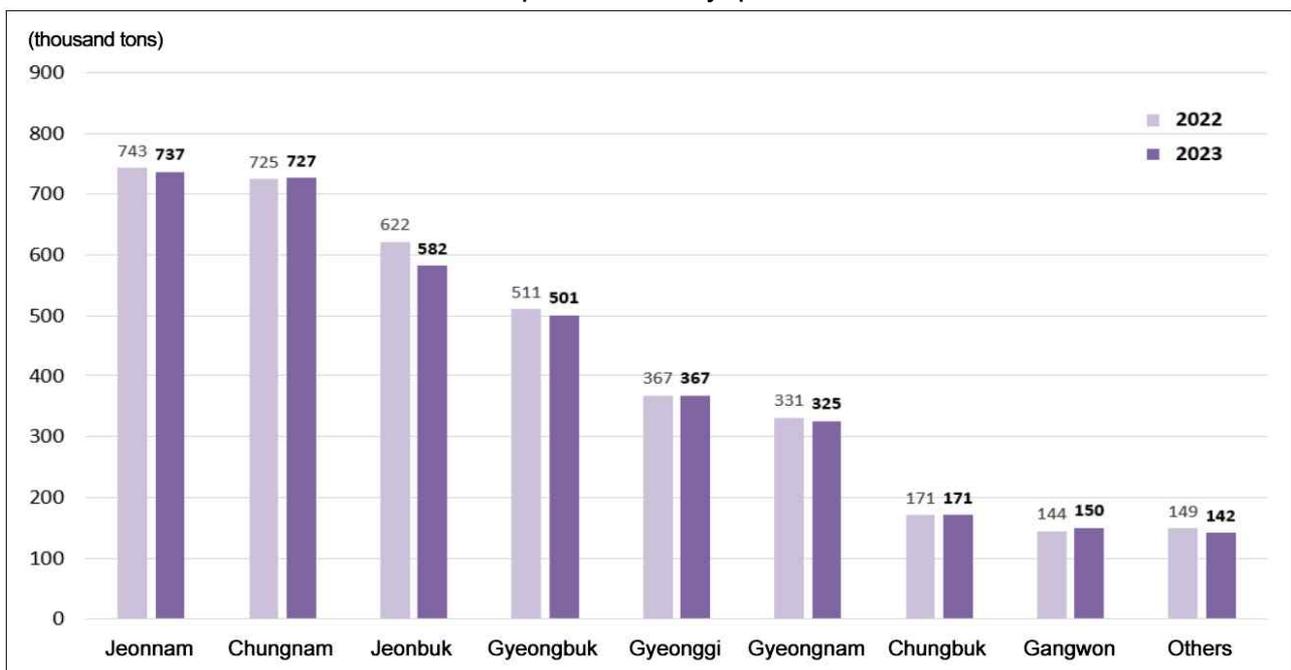
- As for rice production by province, Jeonnam recorded the highest figure at 737 thousand tons, which was followed by Chungnam (727 thousand tons) and Jeonbuk (582 thousand tons).

< Cultivated area and production of rice by province >

Metropolitan cities and provinces	Cultivated area (1,000 hectares)			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	523	1.0	3,764	3,702	△1.6
Gyeonggi	74	73	△0.6	498	501	0.6	367	367	△0.0
Gangwon	29	28	△1.3	501	528	5.4	144	150	4.0
Chungbuk	33	32	△2.6	516	529	2.5	171	171	△0.2
Chungnam	134	132	△1.7	541	552	2.0	725	727	0.2
Jeonbuk	114	107	△5.6	547	542	△0.8	622	582	△6.3
Jeonnam	155	150	△3.1	481	492	2.3	743	737	△0.8
Gyeongbuk	95	93	△1.6	540	538	△0.4	511	501	△2.0
Gyeongnam	64	63	△1.6	513	512	△0.1	331	325	△1.7
Others	30	29	△4.3	502	498	△0.7	149	142	△4.9

Note) The figures are based on the ratio of brown rice to white rice at 92.9% and the production per 10a is based on paddy rice.

< Rice production by province >



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