



Estimated Rice Production in 2022

□ The rice production is estimated to record 3.804 million tons in 2022, dropping by 2.0% from 2021.

○ Cultivated area: 732,477ha in 2021 → 727,158ha in 2022 (-0.7%)

○ Rice production per 10a (the ratio of brown rice to white rice at 92.9%): 530kg in 2021 → 523kg in 2022 (-1.3%)

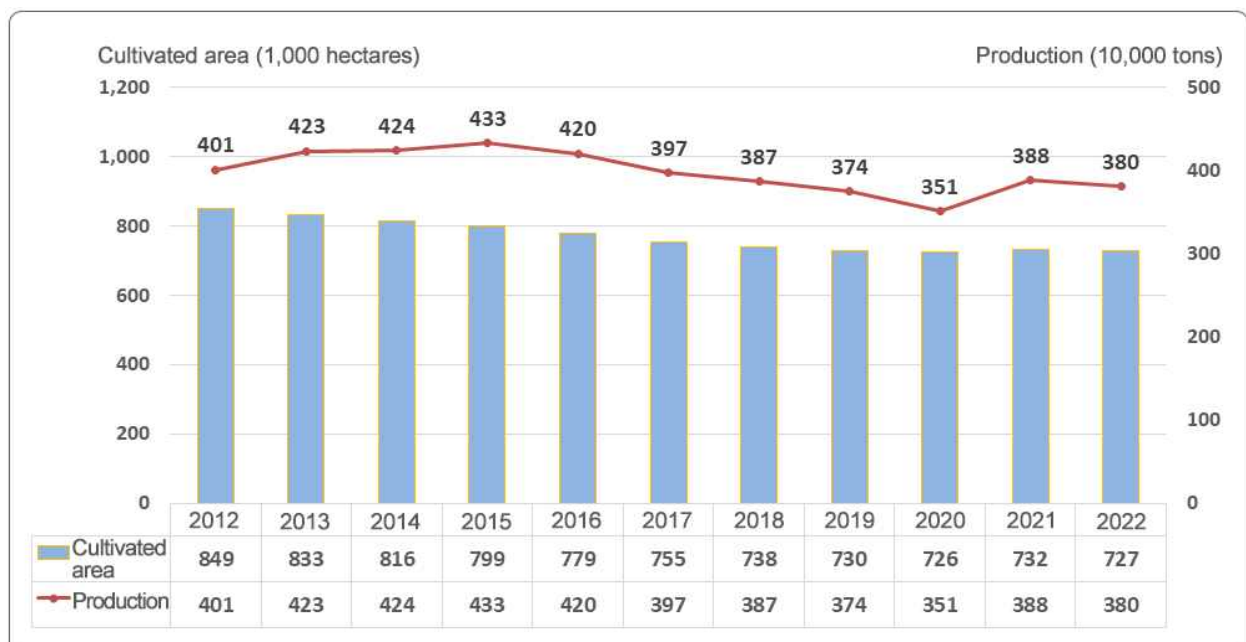
* Rice production per 10a when applying the ratio of brown rice to white rice at 90.4%: 516kg in 2021 → 509kg in 2022

- The number of ears per root showed a drop owing to a lack in precipitation between June and July.
- The number of whole grains marked a decrease due to a lack in sunshine hours and precipitation between July and August.

○ Estimated rice production (the ratio of brown rice to white rice at 92.9%): 3.882 million tons in 2021 → 3.804 million tons in 2022 (-2.0%)

* Estimated rice production when applying the ratio of brown rice to white rice at 90.4%: 3.777 million tons in 2021 → 3.702 million tons in 2022

< 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 **3.804 million tons in 2022, falling by 2.0% from 3.882 million tons in 2021.**

○ Total rice production (the ratio of brown rice to white rice at 92.9%): 3.882 million tons in 2021 → 3.804 million tons in 2022 (2.0%↓)

* Estimated rice production when applying the ratio of brown rice to white rice at 90.4%: 3.777 million tons in 2021 → 3.702 million tons in 2022

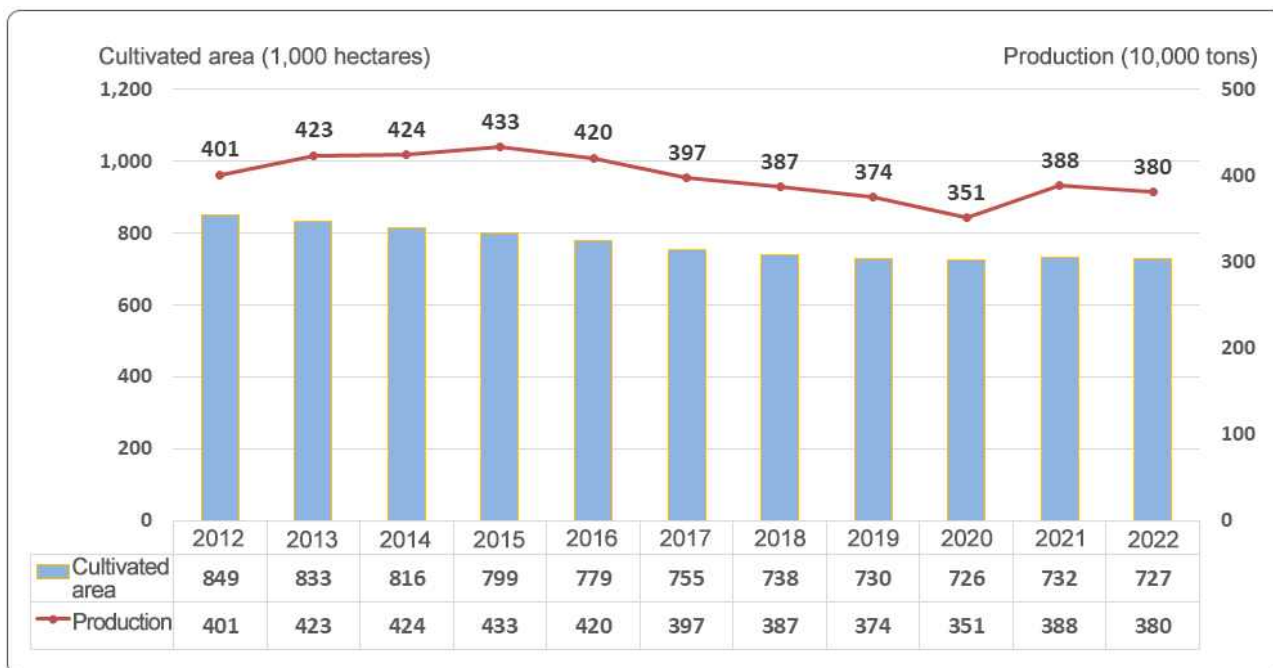
○ The total rice production is estimated to fall by 78 thousand tons (-2.0%) from the previous year due to the decrease in the cultivated area (-0.7%) and the rice production per 10a (-1.3%).

< Cultivated area and production of rice by year >

	2016	2017	2018	2019	2020	2021	2022	Year-on-year (%)
Cultivated area (1,000 hectares)	779	755	738	730	726	732	727	-0.7
Production per 10a (kg)	539	527	524	513	483	530	523	-1.3
Total production (10,000 tons)	420	397	387	374	351	388	380	-2.0

* 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 **727,158ha in 2022, which declined by 0.7% from 732,477ha in 2021.**

○ The cultivated area of rice showed a slight decrease owing to the government project to encourage farmers to cultivate other crops and the drop in rice prices.

□ **The rice production per 10a is estimated to record 523kg in 2022, falling by 1.3% from 530kg in 2021.**

○ Rice production per 10a: 530kg in 2021 → 523kg in 2022 (1.3%↓)

* Rice production per 10a when applying the ratio of brown rice to white rice at 90.4%: 516kg in 2021 → 509kg in 2022

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

- Number of ears per m²: 22.5 ears in 2021 → 20.9 ears in 2022 (1.6 ears↓)

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

· Precipitation (mm): 229.6mm in 2020 → 293.3mm in 2021 → 195.9mm in 2022 (33.2%↓)

○ The number of whole grains showed a decrease owing to a lack in sunshine hours and precipitation between July and August.

- Number of whole grains per m²: 30,725 whole grains in 2021 → 29,417 whole grains in 2022 (1,308 whole grains↓)

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

· Sunshine hours: 134.5 hours in 2020 → 295.2 hours in 2021 → 221.0 hours in 2022 (25.1%↓)

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

· Precipitation (mm): 123.7mm in 2020 → 220.1mm in 2021 → 175.1mm in 2022 (20.4%↓)

2. Estimated Rice Production by Province

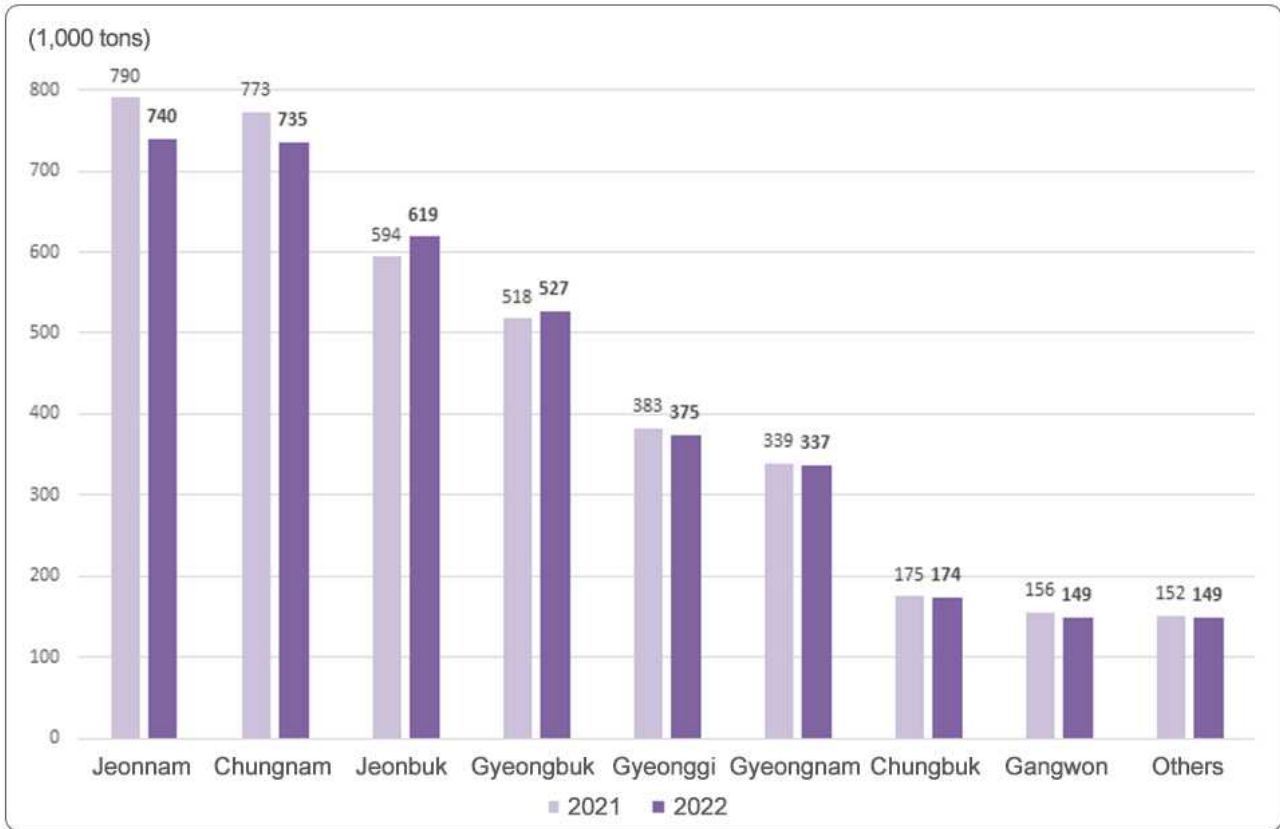
□ **As for rice production by province, Jeonnam recorded the highest figure at 740 thousand tons, which was followed by Chungnam (735 thousand tons) and Jeonbuk (619 thousand tons).**

< Rice production and cultivated area by province >

Provinces	Cultivated area (1,000ha)			Rice production per 10a (kg)			Total production (1,000 tons)		
	2021	2022	Percent change	2021	2022	Percent change	2021	2022	Percent change
The nation	732	727	-0.7	530	523	-1.3	3,882	3,804	-2.0
Gyeonggi	75	74	-1.4	512	509	-0.6	383	375	-2.0
Gangwon	29	29	-0.7	538	520	-3.3	156	149	-4.0
Chungbuk	33	33	-0.6	523	523	0	175	174	-0.7
Chungnam	135	134	-1.0	571	548	-4.0	773	735	-5.0
Jeonbuk	115	114	-0.6	519	544	4.8	594	619	4.2
Jeonnam	155	155	-0.4	508	478	-5.9	790	740	-6.3
Gyeongbuk	96	95	-1.1	541	556	2.9	518	527	1.7
Gyeongnam	64	64	0.6	529	522	-1.2	339	337	-0.5
Others	30	30	-1.4	505	501	-0.8	152	149	-2.2

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

< Rice production by province >



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