



Statistics Korea

Press Release

다시, 대한민국!
새로운 국민의 나라

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Food Grain Consumption Survey in 2023

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Food Grain Consumption of Households

1. Per Capita Annual Food Grain Consumption

In 2023, per capita annual food grain consumption amounted to 64.6kg, which fell by 0.2% (0.1kg) from 2022.

- In 2023*, annual food grain consumption per capita amounted to 64.6kg, which dropped by 0.2% (0.1kg) from 2022.

* From November 1, 2022 to October 31, 2023

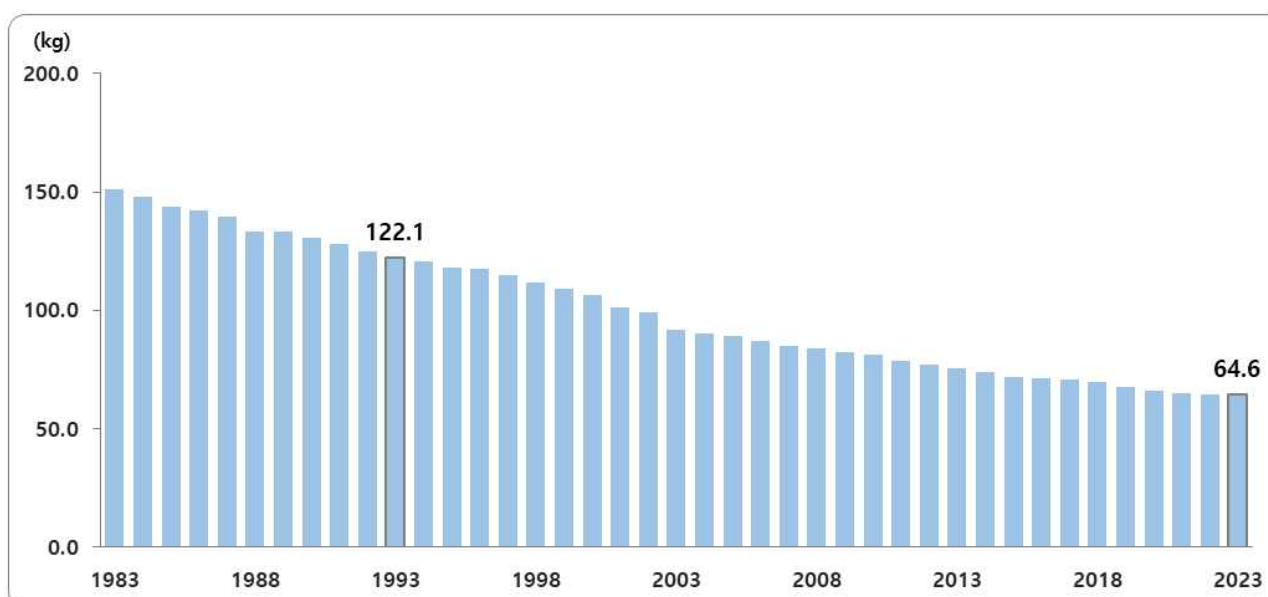
- Per capita annual food grain consumption had shown a continuously decreasing trend since 1981. Food grain consumption in 2023 recorded half of the food grain consumption in 1993 (122.1kg).

[Table 1] Per Capita Annual Food Grain Consumption of Households by Year

(Unit: kg, %)

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Consumption	73.8	71.7	71.2	70.9	69.5	67.4	66.3	65.0	64.7	64.6
Change	-1.5	-2.1	-0.5	-0.3	-1.4	-2.1	-1.1	-1.3	-0.3	-0.1
Percent change	-2.0	-2.8	-0.7	-0.4	-2.0	-3.0	-1.6	-2.0	-0.5	-0.2

[Figure 1] Per Capita Annual Food Grain Consumption by Year (1983-2023)



2. Per Capita Annual Rice Consumption

In 2023, per capita annual rice consumption amounted to 56.4kg, which declined by 0.6% (0.3kg) from 2022.

- In 2023, daily average rice consumption per capita marked 154.6g, which went down by 0.6% (0.9g) from 2022.

[Table 2-1] Per Capita Daily Rice Consumption by Year

(Unit: g)

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Consumption	178.2	172.4	169.6	169.3	167.3	162.1	158.0	155.8	155.5	154.6

- In 2023, annual rice consumption per capita amounted to 56.4kg, which dropped by 0.6% (0.3kg) from 2022.

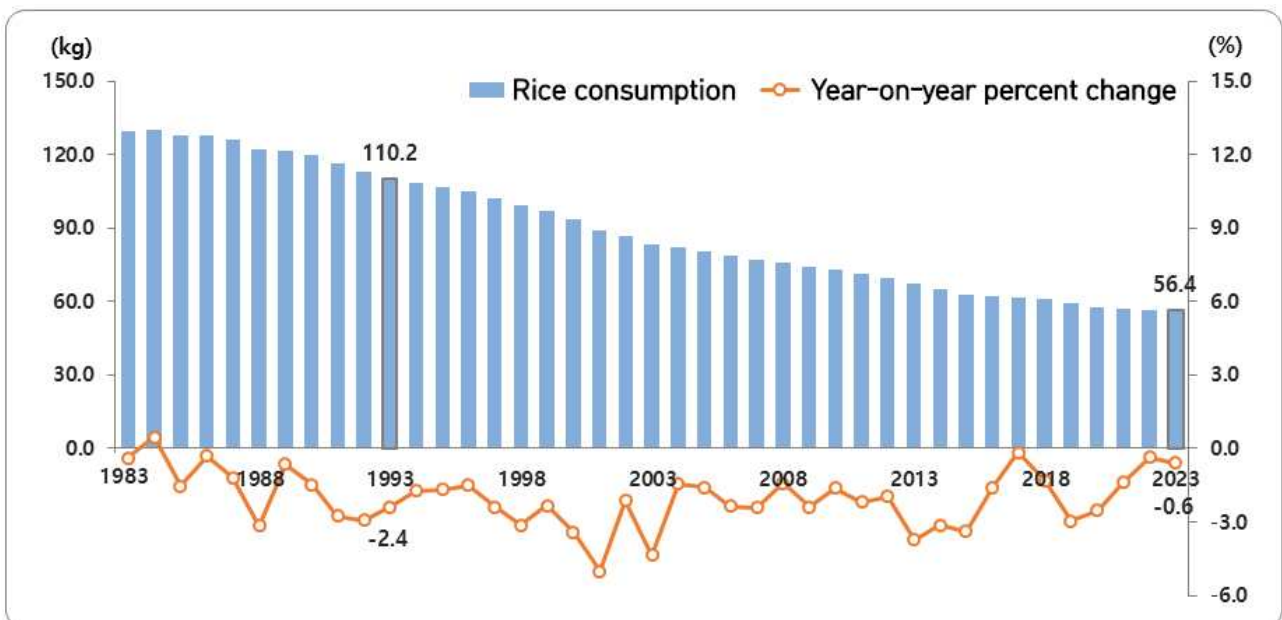
- Annual rice consumption per capita in 2023 recorded half of the annual rice consumption in 1993 (110.2kg).

[Table 2-2] Per Capita Annual Rice Consumption by Year

(Unit: kg, %)

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Consumption	65.1	62.9	61.9	61.8	61.0	59.2	57.7	56.9	56.7	56.4
Change	-2.1	-2.2	-1.0	-0.1	-0.8	-1.8	-1.5	-0.8	-0.2	-0.3
Percent change	-3.1	-3.4	-1.6	-0.2	-1.3	-3.0	-2.5	-1.4	-0.4	-0.6

[Figure 2] Per Capita Annual Rice Consumption by Year (1983-2023)



3. Per Capita Annual Consumption of Other Food Grains

Per capita annual consumption of other food grains recorded 8.2kg in 2023, rising by 2.8% (0.2kg) from 2022.

- Per capita annual consumption of other food grains* grew by 2.8% (0.2kg) to 8.2kg in 2023.

* Including barley, wheat flour, miscellaneous grains (millet, sorghum, buckwheat, adlay, etc.), pulses (bean, red bean, peanut, etc.) and potatoes.

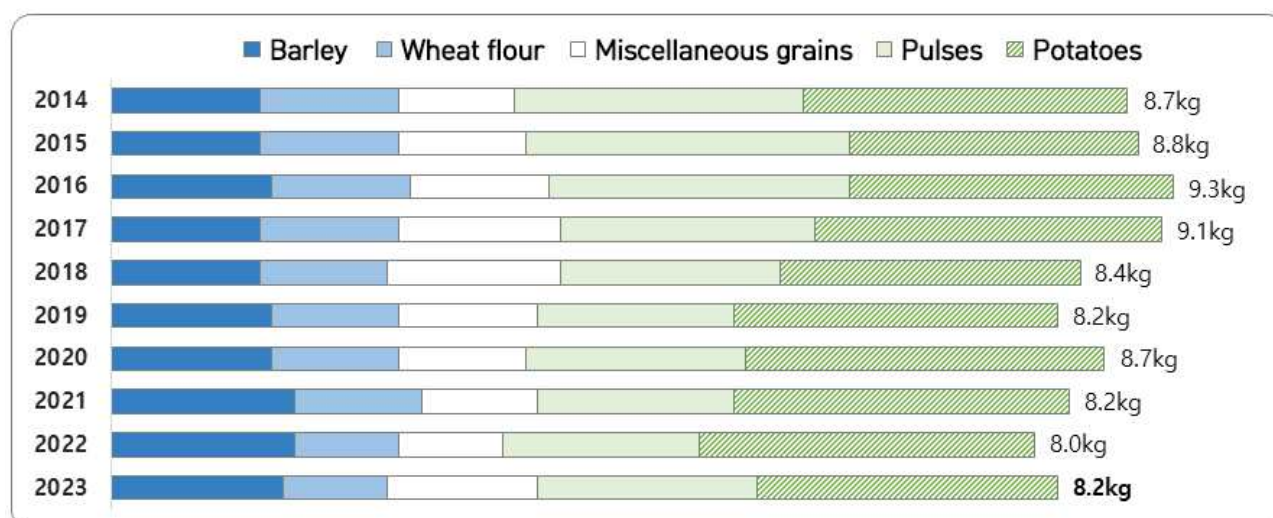
- Compared to 2022, the consumption of barley and potatoes fell by 1.5kg and 2.6kg, respectively. Whereas, the consumption of miscellaneous grains and pulses rose by 1.3kg and 1.9kg, respectively.
- The consumption of other food grains occupied 12.7% of the total food grain consumption in 2023, up 0.4%p from 2022.

[Table 3] Per Capita Annual Food Grain Consumption by Year

(Unit: kg, %)

Year	Total (Share)		Rice consumption (Share)		Other food grains (Share)		Barley	Wheat flour	Miscellaneous grains	Pulses	Potatoes
2014	73.8	(100.0)	65.1	(88.2)	8.7	(11.8)	1.3	1.2	1.0	2.5	2.8
2015	71.7	(100.0)	62.9	(87.7)	8.8	(12.3)	1.3	1.2	1.1	2.8	2.5
2016	71.2	(100.0)	61.9	(86.9)	9.3	(13.1)	1.4	1.2	1.2	2.6	2.8
2017	70.9	(100.0)	61.8	(87.2)	9.1	(12.8)	1.3	1.2	1.4	2.2	3.0
2018	69.5	(100.0)	61.0	(87.9)	8.4	(12.1)	1.3	1.1	1.5	1.9	2.6
2019	67.4	(100.0)	59.2	(87.8)	8.2	(12.2)	1.4	1.1	1.2	1.7	2.8
2020	66.3	(100.0)	57.7	(87.0)	8.7	(13.0)	1.4	1.1	1.1	1.9	3.1
2021	65.0	(100.0)	56.9	(87.4)	8.2	(12.6)	1.6	1.1	1.0	1.7	2.9
2022	64.7	(100.0)	56.7	(87.7)	8.0	(12.3)	1.6	0.9	0.9	1.7	2.9
2023	64.6	(100.0)	56.4	(87.3)	8.2	(12.7)	1.5	0.9	1.3	1.9	2.6
Percent change	-0.2		-0.6		2.8						

[Figure 3] Per Capita Annual Consumption of Other Food Grains by Year (2014-2023)



4. Food Grain Consumption by Household Type

Per capita annual food grain consumption of farm and non-farm households stood at 96.2kg and 63.0kg, respectively.

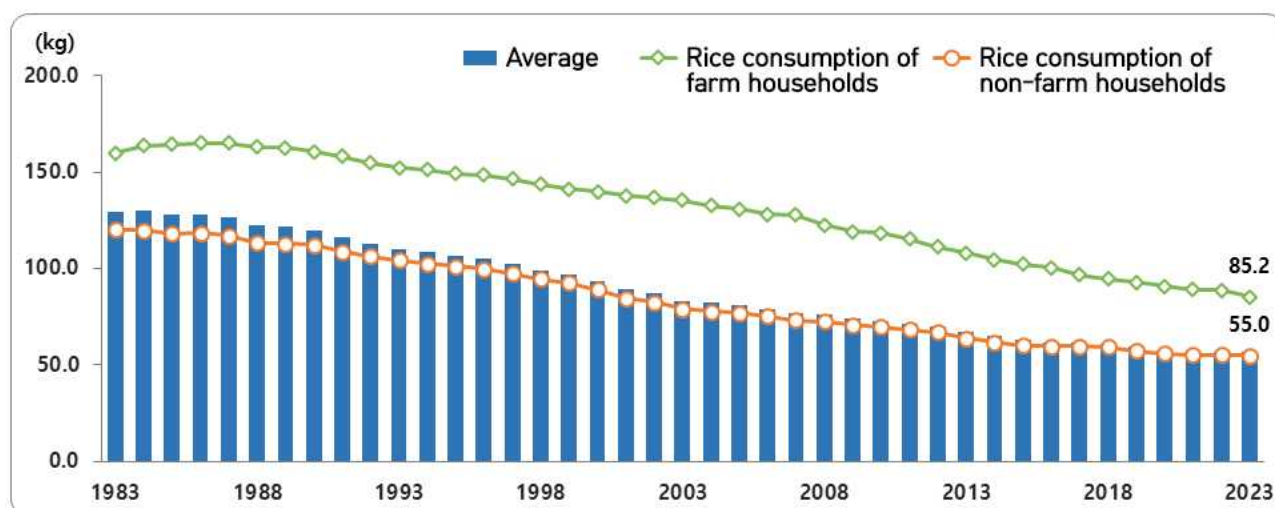
- Per capita annual food grain consumption of farm households decreased by 3.1% to 96.2kg in 2023. Per capita annual food grain consumption of non-farm households increased by 0.1% to 63.0kg in 2023.
- Per capita annual rice consumption of farm households fell by 3.9% to 85.2kg in 2023. Per capita annual rice consumption of non-farm households dropped by 0.2% to 55.0kg in 2023.
- Per capita annual consumption of other food grains of farm households grew by 3.1% to 11.0kg in 2023. Whereas, per capita annual consumption of other food grains of non-farm households rose by 2.8% to 8.0kg in 2023.

[Table 4] Food Grain Consumption by Household Type

(Unit: kg, %)

Year	Farm households					Non-farm households				
	Total	Rice	(Share)	Others	(Share)	Total	Rice	(Share)	Others	(Share)
2014	121.3	104.7	(86.3)	16.7	(13.7)	70.0	61.9	(88.4)	8.1	(11.6)
2015	118.5	102.1	(86.2)	16.4	(13.8)	68.3	60.0	(87.8)	8.3	(12.2)
2016	115.7	100.5	(86.9)	15.1	(13.1)	68.5	59.6	(87.0)	9.0	(13.1)
2017	109.5	96.6	(88.3)	12.8	(11.7)	68.7	59.8	(87.0)	8.9	(13.0)
2018	105.5	94.6	(89.6)	10.9	(10.4)	67.5	59.2	(87.7)	8.3	(12.3)
2019	104.2	92.8	(89.1)	11.4	(10.9)	65.4	57.4	(87.7)	8.0	(12.3)
2020	102.1	90.8	(88.9)	11.3	(11.1)	64.5	56.0	(86.8)	8.5	(13.2)
2021	99.5	88.9	(89.4)	10.6	(10.6)	63.3	55.2	(87.3)	8.0	(12.7)
2022	99.3	88.6	(89.2)	10.7	(10.8)	63.0	55.1	(87.6)	7.8	(12.4)
2023	96.2	85.2	(88.6)	11.0	(11.4)	63.0	55.0	(87.3)	8.0	(12.7)
Percent change	-3.1	-3.9		3.1		0.1	-0.2		2.8	

[Figure 4] Annual Rice Consumption by Household Type (1983-2023)



5. Food Grain Consumption by Use

Per capita annual food grain used for main food and side dishes amounted to 63.6kg, which accounted for 98.5% of the total food grain consumption per capita (64.6kg).

○ Food grain used for main food and side dishes took up 98.5% of the total annual food grain consumption per capita. Food grain used for others took up 1.5% of the total annual food grain consumption per capita.

- The share of others (soy sauce & soy bean paste, cakes & cookies, etc.) showed an ever-decreasing trend from 4.9% in 1998.

* In 1998 when the Food Grain Consumption Survey was transferred from the Ministry of Agriculture, Food and Rural Affairs to Statistics Korea, the survey item of 'Food grain consumption by use' was added.

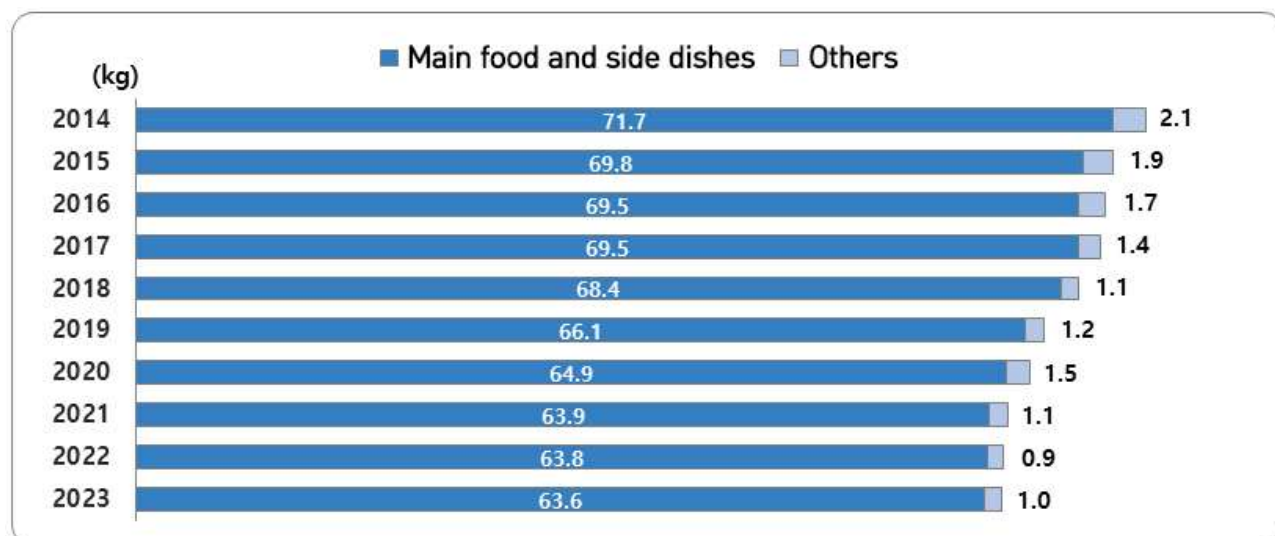
[Table 5] Annual Food Grain Consumption by Use

(Unit: kg, %)

Year	Total		Main food and side dishes (Share)		Others** (Share)	
1998	111.7	(100.0)	106.2	(95.1)	5.5	(4.9)
2014	73.8	(100.0)	71.7	(97.2)	2.1	(2.8)
2015	71.7	(100.0)	69.8	(97.4)	1.9	(2.6)
2016	71.2	(100.0)	69.5	(97.6)	1.7	(2.4)
2017	70.9	(100.0)	69.5	(98.0)	1.4	(2.0)
2018	69.5	(100.0)	68.4	(98.5)	1.1	(1.5)
2019	67.4	(100.0)	66.1	(98.2)	1.2	(1.8)
2020	66.3	(100.0)	64.9	(97.8)	1.5	(2.2)
2021	65.0	(100.0)	63.9	(98.3)	1.1	(1.7)
2022	64.7	(100.0)	63.8	(98.6)	0.9	(1.4)
2023	64.6	(100.0)	63.6	(98.5)	1.0	(1.5)

** Others: Soy sauce & soy bean paste, cakes & cookies, etc.

[Figure 5] Annual Food Grain Consumption by Use and Year (2014-2023)



Rice Consumption of Establishments

1. Annual Rice Consumption of Establishments

Rice consumption of 'Manufacture of Food Products and Beverages' amounted to 817,122 tons in 2023, rising by 18.2% from 2022.

- Rice consumption in 'Manufacture of Food Products and Beverages' totaled 817,122 tons in 2023, which increased by 125,700 tons from 2022.
 - Compared to 2022, rice consumption in 'Manufacture of Food Products' rose by 8.2% (42,171 tons) to 558,064 tons in 2023. Rice consumption in 'Manufacture of Beverages' rose by 47.6% (83,529 tons) to 259,057 tons in 2023.
- Rice consumption in 'Manufacture of Rice Cakes' occupied the largest share at 26.2% of the total rice consumption. This share was followed by 'Manufacture of Ethyl Alcohol and Neutral Spirits' (24.1%), 'Manufacture of Other Prepared Meals and Dishes' (15.9%) and 'Manufacture of Other Grain Mill Products' (9.8%).

[Table 6] Rice Consumption of Major Industries

(Unit: ton, %)

Major industries	2021		2022		2023		
	Consumption	Share	Consumption	Share	Consumption	Share	Percent change
Total Rice Consumption of Establishments	680,157	100.0	691,422	100.0	817,122	100.0	18.2
Manufacture of Food Products (10)	474,746	69.8	515,894	74.6	558,064	68.3	8.2
Manufacture of Other Grain Mill Products (10619)	60,920	9.0	63,967	9.3	80,284	9.8	25.5
Manufacture of Starches and Starch Products (10620)	10,804	1.6	11,741	1.7	13,774	1.7	17.3
Manufacture of Rice Cakes (10711)	176,690	26.0	185,079	26.8	214,041	26.2	15.6
Manufacture of Sugar Confectioneries and Cocoa Products (10713)	10,080	1.5	10,258	1.5	13,134	1.6	28.0
Manufacture of Noodles, Macaroni and Similar Farinaceous Products (10730)	22,144	3.3	20,307	2.9	17,552	2.1	-13.6
Manufacture of Soy Sauce and Soy Bean Paste (10743)	7,944	1.2	8,819	1.3	10,673	1.3	21.0
Manufacture of Box Lunches (10751)	46,723	6.9	47,045	6.8	52,058	6.4	10.7
Manufacture of Other Prepared Meals and Dishes (10759)	113,677	16.7	144,595	20.9	130,126	15.9	-10.0
Manufacture of Beverages (11)	205,411	30.2	175,528	25.4	259,057	31.7	47.6
Manufacture of Raw Rice Wines and Refined Rice Wines (11111)	45,139	6.6	46,582	6.7	53,199	6.5	14.2
Manufacture of Ethyl Alcohol and Neutral Spirits (11121)	153,446	22.6	121,775	17.6	197,102	24.1	61.9

2. Rice Consumption Trends of Establishments

Industries Recording an Increase in Rice Consumption

Rice consumption in 'Manufacture of Ethyl Alcohol and Neutral Spirits' totaled 197,102 tons in 2023, which grew by 61.9% (75,328 tons) from 2022.

- As for rice consumption, 'Manufacture of Ethyl Alcohol and Neutral Spirits' recorded the highest year-on-year increase of 61.9%, which was followed by 'Manufacture of Sugar Confectioneries and Cocoa Products' (28.0%), 'Manufacture of Other Grain Mill Products' (25.5%) and 'Manufacture of Soy Sauce and Soy Bean Paste' (21.0%).

[Table 7] Major Industries Recording an Increase in Rice Consumption

(Unit: ton, %)

Industries	2021	2022	2023		
				Increase	Percent change
Manufacture of Ethyl Alcohol and Neutral Spirits (11121)	153,446	121,775	197,102	75,328	61.9
Manufacture of Sugar Confectioneries and Cocoa Products (10713)	10,080	10,258	13,134	2,877	28.0
Manufacture of Other Grain Mill Products (10619)	60,920	63,967	80,284	16,317	25.5
Manufacture of Soy Sauce and Soy Bean Paste (10743)	7,944	8,819	10,673	1,854	21.0
Manufacture of Starches and Starch Products (10620)	10,804	11,741	13,774	2,033	17.3
Manufacture of Rice Cakes (10711)	176,690	185,079	214,041	28,962	15.6
Manufacture of Raw Rice Wines and Refined Rice Wines (11111)	45,139	46,582	53,199	6,617	14.2
Manufacture of Box Lunches (10751)	46,723	47,045	52,058	5,013	10.7

Industries Recording a Decrease in Rice Consumption

Rice consumption in 'Manufacture of Noodles, Macaroni and Similar Farinaceous Products' totaled 17,552 tons in 2023, which fell by 13.6% (2,755 tons) from 2022.

- As for rice consumption, 'Manufacture of Noodles, Macaroni and Similar Farinaceous Products' recorded the highest year-on-year decrease of 13.6%, which was followed by 'Manufacture of Other Prepared Meals and Dishes' (-10.0%).

[Table 8] Major Industries Recording a Decrease in Rice Consumption

(Unit: ton, %)

Industries	2021	2022	2023		
				Decrease	Percent change
Manufacture of Noodles, Macaroni and Similar Farinaceous Products (10730)	22,144	20,307	17,552	-2,755	-13.6
Manufacture of Other Prepared Meals and Dishes (10759)	113,677	144,595	130,126	-14,469	-10.0