



Food Grain Consumption Survey in 2021

Food Grain Consumption of Households

1. Per Capita Annual Food Grain Consumption

In the 2021 food grain year, per capita annual food grain consumption amounted to 65.0kg, which dropped by 2.0% from 2020.

- In the 2021 food grain year*, annual food grain consumption per capita amounted to 65.0kg, which fell by 2.0% (1.3kg) from 2020.

* 2021 food grain year: From November 1st, 2020 to October 31st, 2021

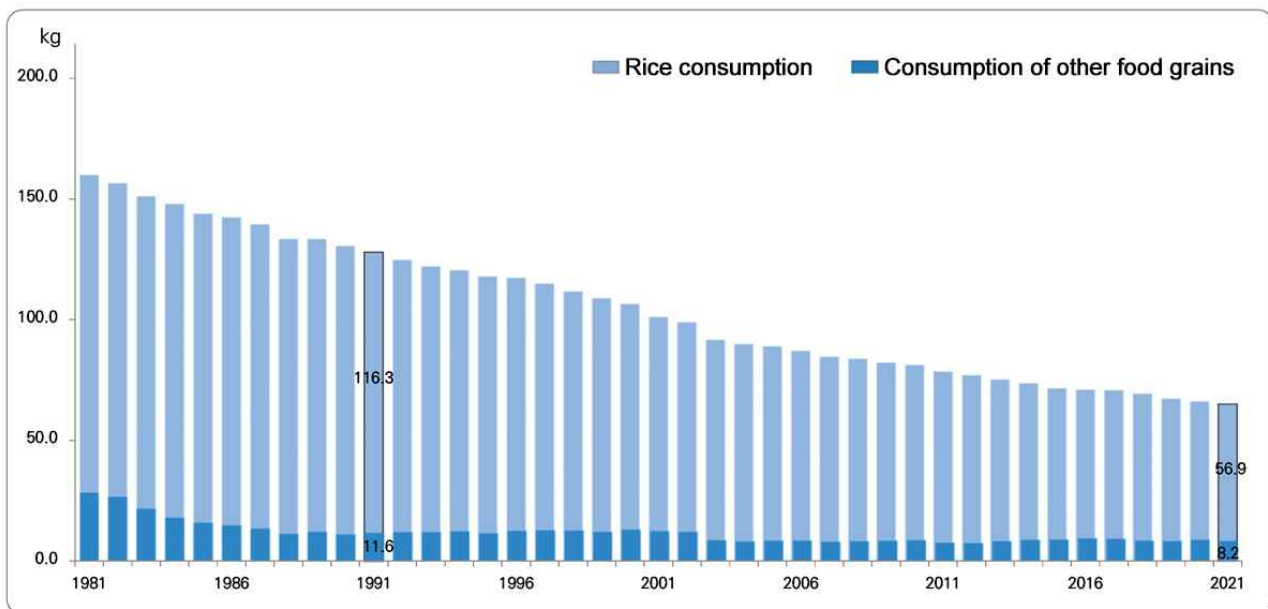
- Per capita annual food grain consumption had shown a continuously decreasing trend since 1981. Food grain consumption in 2021 recorded half of the food grain consumption in 1991 (127.9kg).

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

(Unit: kg)

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Consumption	77.1	75.3	73.8	71.7	71.2	70.9	69.5	67.4	66.3	65.0
Change	-1.5	-1.8	-1.5	-2.1	-0.5	-0.3	-1.4	-2.1	-1.1	-1.3
Percent change	-1.9%	-2.3%	-2.0%	-2.8%	-0.7%	-0.4%	-2.0%	-3.0%	-1.6%	-2.0%

[Figure 1] Per Capita Annual Food Grain Consumption by Year (1981-2021)



2. Per Capita Annual Rice Consumption

In the 2021 food grain year, per capita annual rice consumption amounted to 56.9kg, which dropped by 1.4% from 2020.

- In 2021, daily average rice consumption per capita marked 155.8g, which declined by 1.4% (2.2g) from 2020.

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

(Unit: g)

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Consumption	191.3	184.0	178.2	172.4	169.6	169.3	167.3	162.1	158.0	155.8

- In the 2021 food grain year, rice consumption per capita amounted to 56.9kg, which dropped by 1.4% (0.8kg) from 2020.

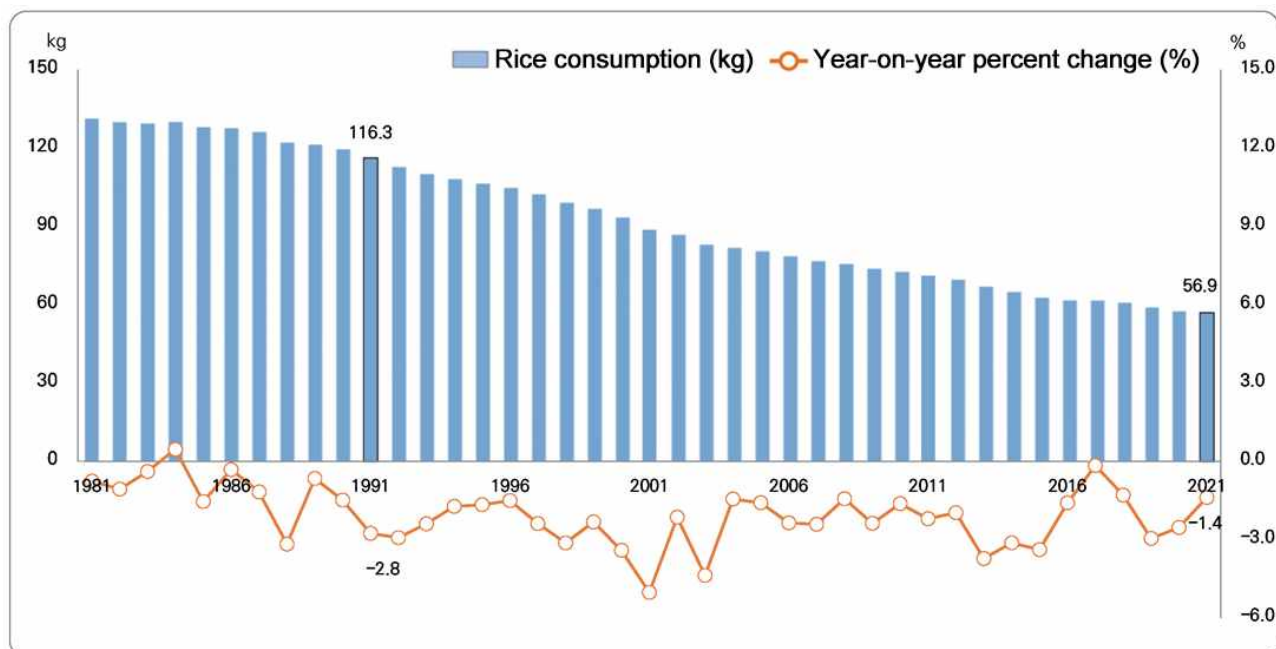
- Rice consumption per capita in 2021 recorded half of the rice consumption in 1991 (116.3kg).

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

(Unit: kg)

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Consumption	69.8	67.2	65.1	62.9	61.9	61.8	61.0	59.2	57.7	56.9
Change	-1.4	-2.6	-2.1	-2.2	-1.0	-0.1	-0.8	-1.8	-1.5	-0.8
Percent change	-2.0%	-3.7%	-3.1%	-3.4%	-1.6%	-0.2%	-1.3%	-3.0%	-2.5%	-1.4%

[Figure 2] Per Capita Annual Rice Consumption by Year (1981-2021)



3. Per Capita Annual Consumption of Other Food Grains

Per capita annual consumption of other food grains recorded 8.2kg in 2021, falling by 5.7% from 2020.

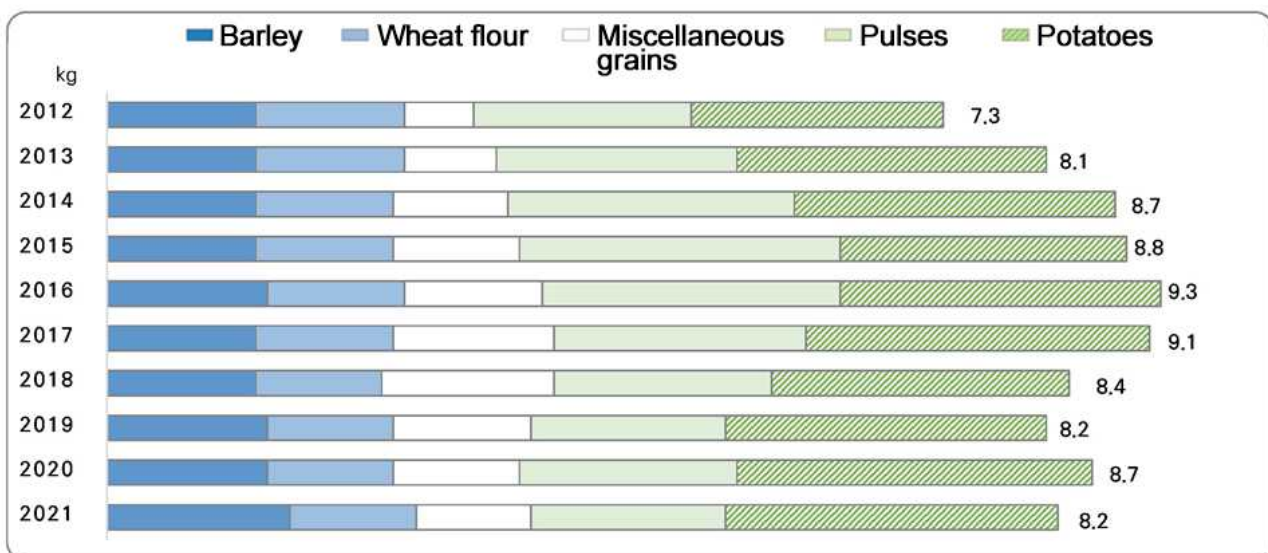
- Per capita annual consumption of other food grains* fell by 5.7% (0.5kg) to 8.2kg in 2021.
- * Including barley, wheat flour, miscellaneous grains (millet, sorghum, buckwheat, adlay, etc.), pulses (bean, red bean, peanut, etc.) and potatoes.
- Compared to 2020, the consumption of miscellaneous grains, pulses and potatoes fell by 1.0kg, 1.7kg and 2.9kg, respectively. Whereas, the consumption of barley rose by 1.6kg.
- The consumption of other food grains occupied 12.6% of the total food grain consumption in 2021, down 0.4%p from 2020.

[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
2012	77.1 (100.0)	69.8 (90.5)	7.3 (9.5)	1.3	1.3	0.6	1.9	2.2
2013	75.3 (100.0)	67.2 (89.2)	8.1 (10.8)	1.3	1.3	0.8	2.1	2.7
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
Percent change	-2.0	-1.4	-5.7					

[Figure 3] Per Capita Annual Consumption of Other Food Grains by Year



4. Food Grain Consumption by Household Type

Per capita annual food grain consumption of farm and non-farm households recorded 99.5kg and 63.3kg, respectively.

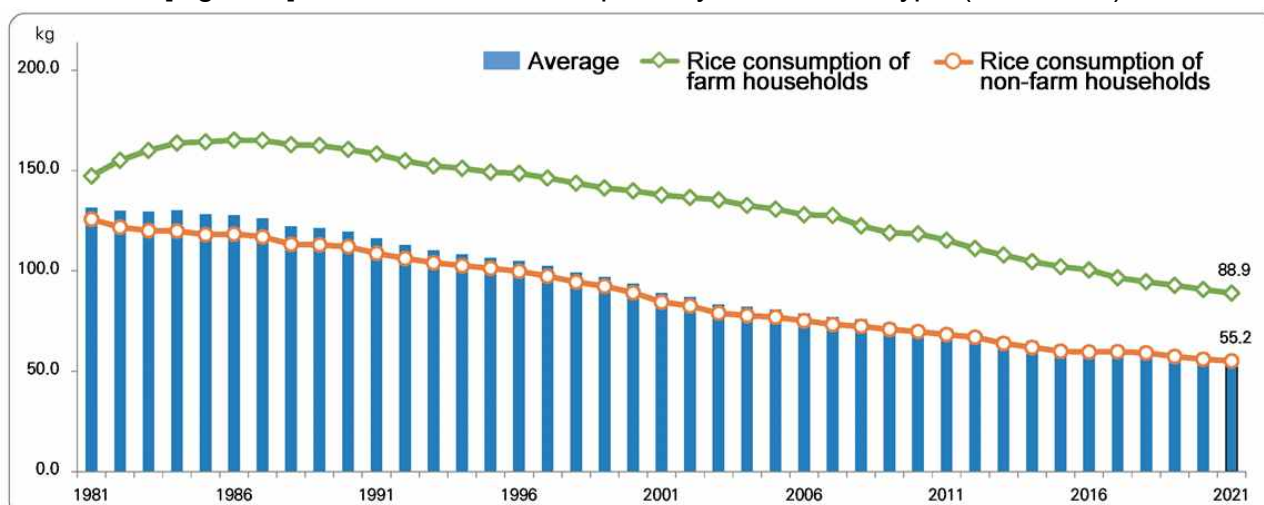
- Per capita annual food grain consumption of farm households decreased by 2.5% to 99.5kg in 2021. Per capita annual food grain consumption of non-farm households decreased by 1.9% to 63.3kg in 2021.
- Per capita annual rice consumption of farm households fell by 2.1% to 88.9kg in 2021. Per capita annual rice consumption of non-farm households dropped by 1.4% to 55.2kg in 2021.
- Per capita annual consumption of other food grains of farm households declined by 6.2% to 10.6kg in 2021. Per capita annual consumption of other food grains of non-farm households fell by 5.9% to 8.0kg in 2021.

[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)
2012	123.3	111.2	(90.2)	12.1	(9.8)	74.0	67.0	(90.5)	7.0	(9.5)
2013	118.5	107.9	(91.1)	10.6	(8.9)	71.9	63.9	(88.9)	8.0	(11.1)
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)
Percent change	-2.5	-2.1		-6.2		-1.9	-1.4		-5.9	

[Figure 4] Annual Rice Consumption by Household Type (1981-2021)



5. Food Grain Consumption by Use

Per capita annual food grain used for main food and side dishes amounted to 63.9kg, which accounted for 98.3% of the total food grain consumption per capita (65.0kg).

○ Food grain used for main food and side dishes occupied 98.3% of the total annual food grain consumption per capita.

- The share of others (soy sauce & soy bean paste, cakes & cookies, etc.) dropped from 4.9% in 1998 to 1.7% in 2021.

* Statistics Korea started covering the food grain consumption by use in 1998 when the works related to the Food Grain Consumption Survey were transferred to Statistics Korea from the Ministry of Agriculture, Food and Rural Affairs.

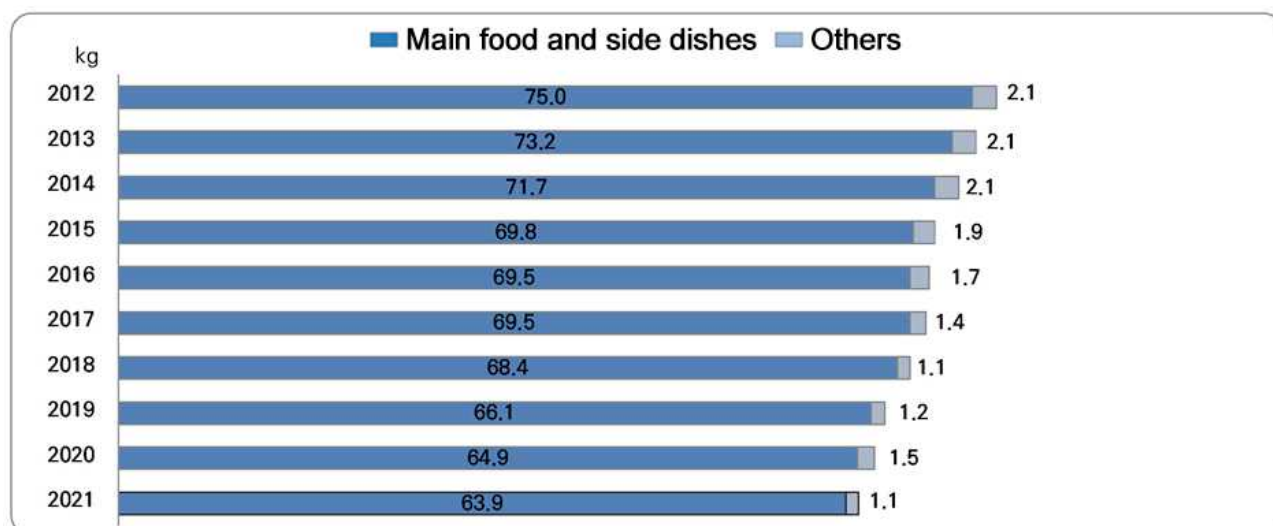
[Table 5] Annual Food Grain Consumption by Use

(Unit: kg, %)

Year	Total		Main food and side dishes		Others** (Share)	
	kg	(%)	kg	(%)	kg	(%)
1998	111.7	(100.0)	106.2	(95.1)	5.5	(4.9)
2012	77.1	(100.0)	75.0	(97.3)	2.1	(2.7)
2013	75.3	(100.0)	73.2	(97.2)	2.1	(2.8)
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)

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

[Figure 5] Annual Food Grain Consumption by Use and Year



Rice Consumption of Establishments

1. Annual Rice Consumption of Establishments

Rice consumption of 'Manufacture of Food Products and Beverages' amounted to 680,157 tons in 2021, rising by 4.6% from 2020.

- Rice consumption in 'Manufacture of Food Products and Beverages' totaled 680,157 tons in 2021, which increased by 30,027 tons from 2020.
- Rice consumption in 'Manufacture of Rice Cakes' occupied the largest share at 26.0% of the total rice consumption. This share was followed by 'Manufacture of Ethyl Alcohol and Neutral Spirits' (22.6%), 'Manufacture of Other Prepared Meals and Dishes' (16.7%) and 'Manufacture of Other Grain Mill Products' (9.0%).

[Table 6] Rice Consumption of Major Industries

(Unit: ton, %)

Major industries	2019		2020		2021		
	Consumption	Share	Consumption	Share	Consumption	Share	Percent change
Total Rice Consumption of Establishments	744,055	100.0	650,130	100.0	680,157	100.0	4.6
Manufacture of Food Products (10)	494,560	66.5	436,683	67.2	474,746	69.8	8.7
Manufacture of Other Grain Mill Products (10619)	56,007	7.5	54,903	8.4	60,920	9.0	11.0
Manufacture of Starches and Starch Products (10620)	13,230	1.8	11,255	1.7	10,804	1.6	-4.0
Manufacture of Rice Cakes (10711)	176,500	23.7	159,179	24.5	176,690	26.0	11.0
Manufacture of Sugar Confectioneries and Cocoa Products (10713)	9,280	1.2	9,710	1.5	10,080	1.5	3.8
Manufacture of Noodles, Macaroni and Similar Farinaceous Products (10730)	20,126	2.7	19,599	3.0	22,144	3.3	13.0
Manufacture of Soy Sauce and Soy Bean Paste (10743)	9,062	1.2	7,712	1.2	7,944	1.2	3.0
Manufacture of Box Lunches (10751)	46,760	6.3	40,197	6.2	46,723	6.9	16.2
Manufacture of Other Prepared Meals and Dishes (10759)	98,427	13.2	102,955	15.8	113,677	16.7	10.4
Manufacture of Beverages (11)	249,495	33.5	213,447	32.8	205,411	30.2	-3.8
Manufacture of Raw Rice Wines and Refined Rice Wines (11111)	49,547	6.7	43,415	6.7	45,139	6.6	4.0
Manufacture of Ethyl Alcohol and Neutral Spirits (11121)	191,407	25.7	157,647	24.2	153,446	22.6	-2.7

* According to the 10th revision of industrial classification in 2019, 'Manufacture of Box Lunches and Prepared Meals and Dishes (10798)' was further divided into 'Manufacture of Box Lunches (10751)' and 'Manufacture of Other Prepared Meals and Dishes (10759)'.

2. Rice Consumption Trends of Establishments

Industries Recording an Increase in Rice Consumption

Rice consumption in 'Manufacture of Box Lunches' totaled 46,723 tons in 2021, which grew by 16.2% (6,526 tons) from 2020.

- As for rice consumption, 'Manufacture of Box Lunches', 'Manufacture of Noodles, Macaroni and Similar Farinaceous Products', 'Manufacture of Rice Cakes' and 'Manufacture of Other Grain Mill Products' rose by 16.2%, 13.0%, 11.0% and 11.0%, respectively, from 2020.

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

(Unit: ton, %)

Industries	2019	2020	2021		
				Increase	Percent change
Manufacture of Box Lunches (10751)	46,760	40,197	46,723	6,526	16.2
Manufacture of Noodles, Macaroni and Similar Farinaceous Products (10730)	20,126	19,599	22,144	2,545	13.0
Manufacture of Rice Cakes (10711)	176,500	159,179	176,690	17,511	11.0
Manufacture of Other Grain Mill Products (10619)	56,007	54,903	60,920	6,017	11.0
Manufacture of Other Prepared Meals and Dishes (10759)	98,427	102,955	113,677	10,722	10.4
Manufacture of Raw Rice Wines and Refined Rice Wines (11111)	49,547	43,415	45,139	1,724	4.0
Manufacture of Sugar Confectioneries and Cocoa Products (10713)	9,280	9,710	10,080	370	3.8
Manufacture of Soy Sauce and Soy Bean Paste (10743)	9,062	7,712	7,944	232	3.0

Industries Recording a Decrease in Rice Consumption

Rice consumption in 'Manufacture of Starches and Starch Products' totaled 10,804 tons in 2021, which fell by 4.0% (451 tons) from 2020.

- As for rice consumption, 'Manufacture of Starches and Starch Products' and 'Manufacture of Ethyl Alcohol and Neutral Spirits' fell by 4.0% and 2.7%, respectively, from 2020.

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

(Unit: ton, %)

Industries	2019	2020	2021		
				Decrease	Percent change
Manufacture of Starches and Starch Products (10620)	13,230	11,255	10,804	451	-4.0
Manufacture of Ethyl Alcohol and Neutral Spirits (11121)	191,407	157,647	153,446	4,201	-2.7