



Food Grain Consumption Survey in 2020

Food Grain Consumption of Households

1. Per Capita Annual Food Grain Consumption

In the 2020 food grain year, per capita annual food grain consumption amounted to 66.3kg, which fell by 1.6% from 2019.

- In the 2020 food grain year*, annual food grain consumption per capita amounted to 66.3kg, which dropped by 1.6% (1.1kg) from 2019.

* 2020 food grain year: From November 1st, 2019 to October 31st, 2020

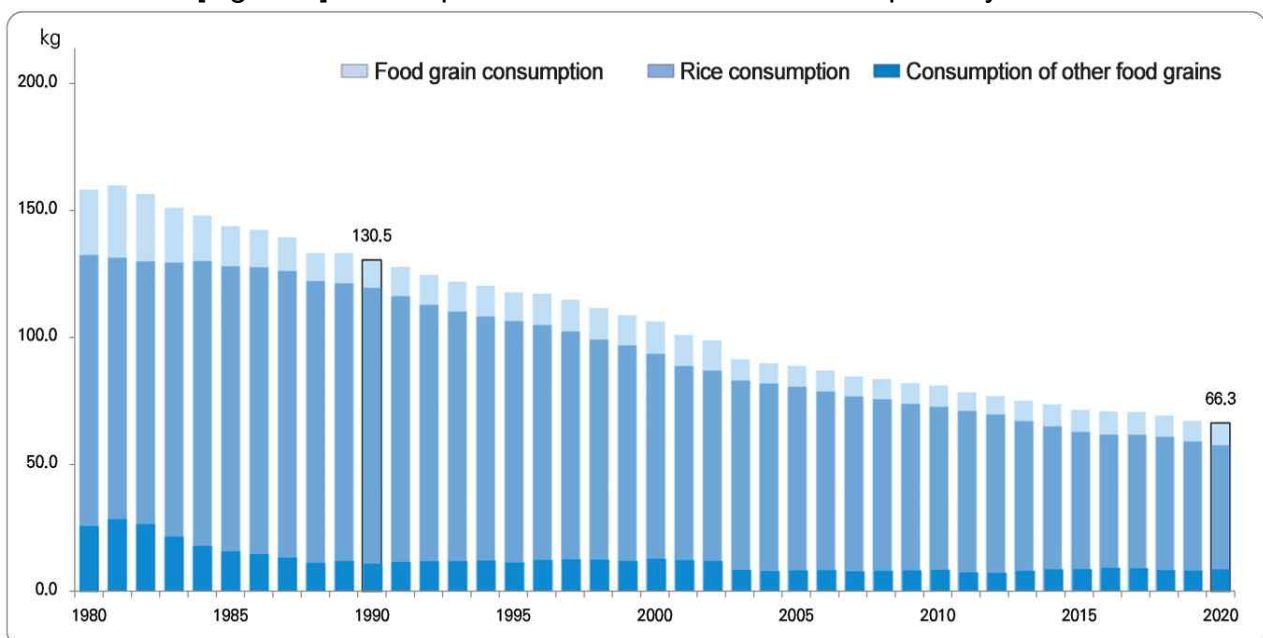
- Per capita annual food grain consumption showed a continuously decreasing trend after 1981. Food grain consumption in 2020 recorded half of the food grain consumption in 1990 (130.5kg).

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

(Unit: kg)

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Consumption	78.6	77.1	75.3	73.8	71.7	71.2	70.9	69.5	67.4	66.3
Change	-2.7	-1.5	-1.8	-1.5	-2.1	-0.5	-0.3	-1.4	-2.1	-1.1
Percent change	-3.3%	-1.9%	-2.3%	-2.0%	-2.8%	-0.7%	-0.4%	-2.0%	-3.0%	-1.6%

[Figure 1] Per Capita Annual Food Grain Consumption by Year



2. Per Capita Annual Rice Consumption

In the 2020 food grain year, per capita annual rice consumption amounted to 57.7kg, which declined by 2.5% from 2019.

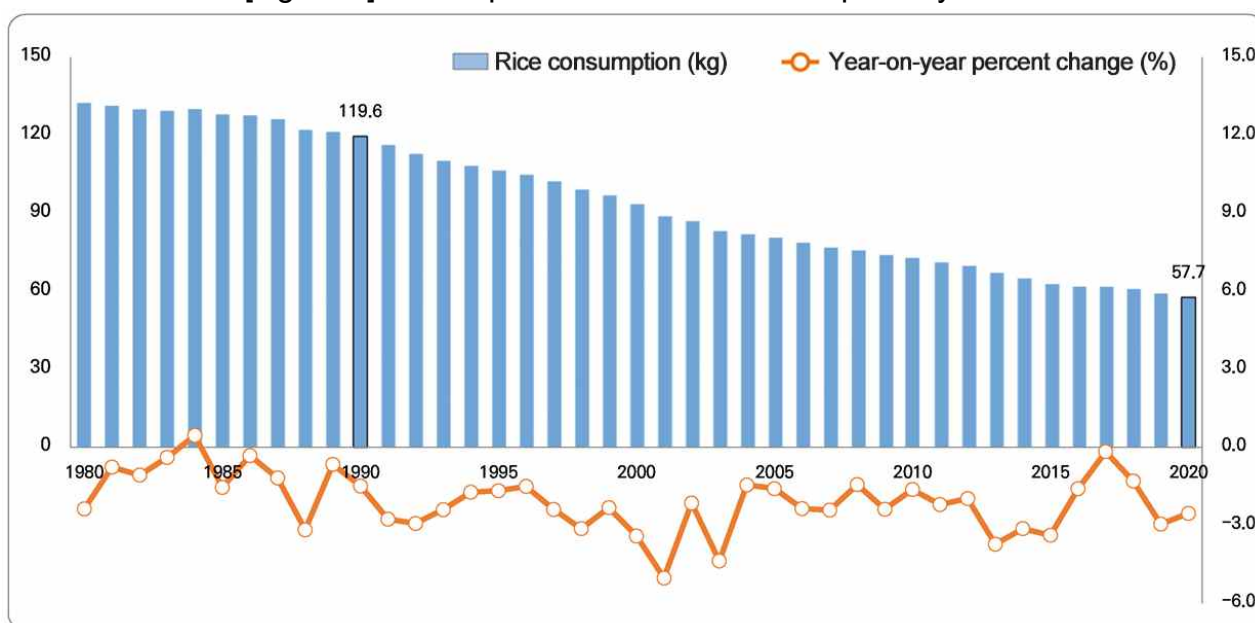
- In the 2020 food grain year, rice consumption per capita amounted to 57.7kg, which dropped by 2.5% (1.5kg) from 2019.
 - Rice consumption in 2020 recorded half of the rice consumption in 1990 (119.6kg).
- Daily average rice consumption per capita marked 158.0g in 2020, which declined by 2.5% (4.1g) from 2019.
 - Daily rice consumption per capita by year

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
(Unit: g)	195.0	191.3	184.0	178.2	172.4	169.6	169.3	167.3	162.1	158.0

[Table 2] Per Capita Annual Rice Consumption by Year

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
(Unit: kg)	71.2	69.8	67.2	65.1	62.9	61.9	61.8	61.0	59.2	57.7
Change	-1.6	-1.4	-2.6	-2.1	-2.2	-1.0	-0.1	-0.8	-1.8	-1.5
Percent change	-2.2%	-2.0%	-3.7%	-3.1%	-3.4%	-1.6%	-0.2%	-1.3%	-3.0%	-2.5%

[Figure 2] Per Capita Annual Rice Consumption by Year



3. Per Capita Annual Consumption of Other Food Grains

Per capita annual consumption of other food grains recorded 8.7kg in 2020, rising by 6.1% from 2019.

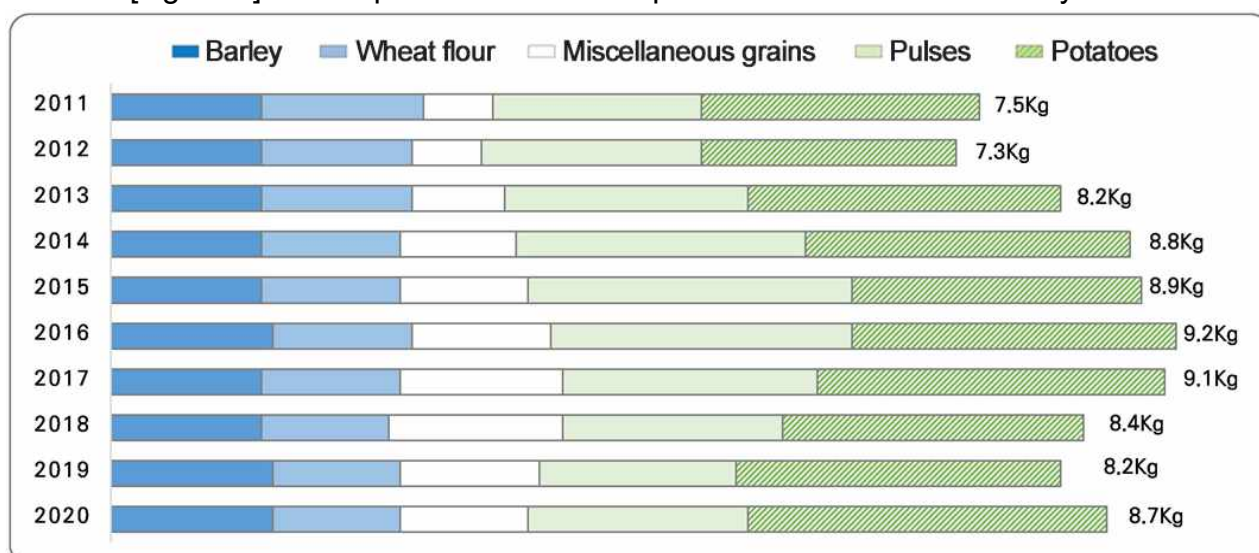
- Per capita annual consumption of other food grains* grew by 6.1% (0.5kg) to 8.7kg in 2020.
- * Including barley, wheat flour, miscellaneous grains (millet, sorghum, buckwheat, adlay, etc.), pulses (bean, red bean, peanut, etc.) and potatoes.
- Compared to 2019, the consumption of pulses and potatoes rose by 1.9kg and 3.1kg, respectively. Whereas, the consumption of miscellaneous grains fell by 1.1kg.
- The consumption of other food grains occupied 13.0% of the total food grain consumption in 2020, up 0.8%p from 2019.

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

(Unit: kg, %)

Year	Total	Rice consumption (Share of rice consumption)		Others (Share of other food grains)		Barley	Wheat flour	Miscellaneous grains	Pulses	Potatoes
2011	78.6 (100)	71.2 (90.6)	7.4 (9.4)	1.3	1.4	0.6	1.8	2.4		
2012	77.1 (100)	69.8 (90.5)	7.3 (9.5)	1.3	1.3	0.6	1.9	2.2		
2013	75.3 (100)	67.2 (89.2)	8.1 (10.8)	1.3	1.3	0.8	2.1	2.7		
2014	73.8 (100)	65.1 (88.2)	8.7 (11.8)	1.3	1.2	1.0	2.5	2.8		
2015	71.7 (100)	62.9 (87.7)	8.8 (12.3)	1.3	1.2	1.1	2.8	2.5		
2016	71.2 (100)	61.9 (86.9)	9.3 (13.1)	1.4	1.2	1.2	2.6	2.8		
2017	70.9 (100)	61.8 (87.2)	9.1 (12.8)	1.3	1.2	1.4	2.2	3.0		
2018	69.5 (100)	61.0 (87.9)	8.4 (12.1)	1.3	1.1	1.5	1.9	2.6		
2019	67.4 (100)	59.2 (87.8)	8.2 (12.2)	1.4	1.1	1.2	1.7	2.8		
2020	66.3 (100)	57.7 (87.0)	8.7 (13.0)	1.4	1.1	1.1	1.9	3.1		
Percent change	-1.6	-2.5	6.1							

[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 102.1kg and 64.5kg, respectively.

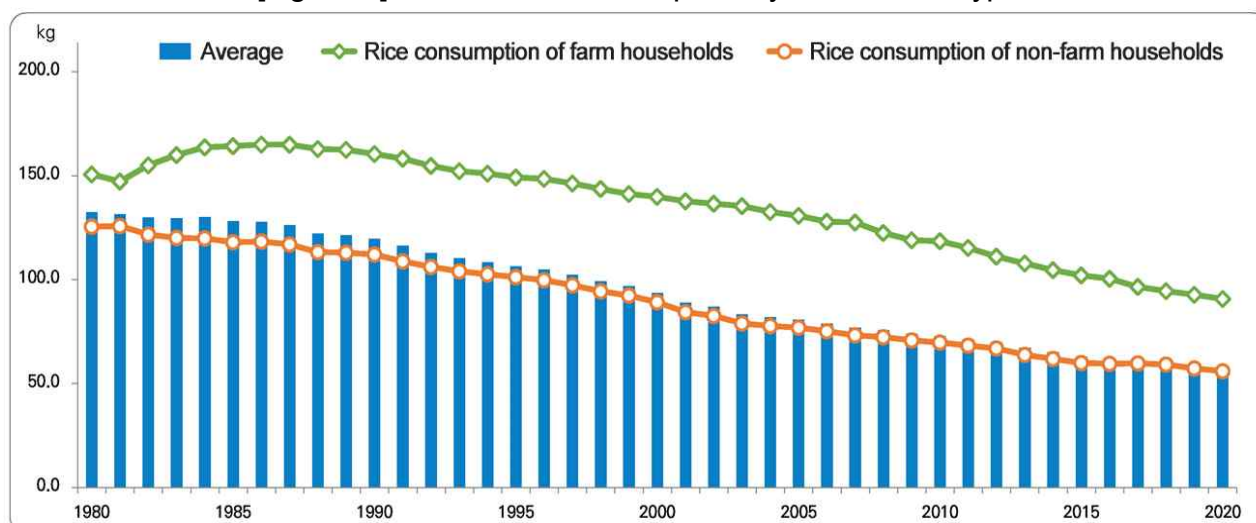
- Per capita annual food grain consumption of farm households decreased by 2.0% to 102.1kg in 2020. Per capita annual food grain consumption of non-farm households decreased by 1.4% to 64.5kg in 2020.
- Per capita annual rice consumption of farm households fell by 2.2% to 90.8kg in 2020. Per capita annual rice consumption of non-farm households dropped by 2.4% to 56.0kg in 2020.
- Per capita annual consumption of other food grains for farm households declined by 0.9% to 11.3kg in 2020. Per capita annual consumption of other food grains for non-farm households rose by 6.3% to 8.5kg in 2020.

[Table 4] Food Consumption by Household Type

(Unit: kg, %)

Year	Food grain consumption of farm households				Food grain consumption of non-farm households			
	Rice (kg)	(Share) (%)	Others (kg)	(Share) (%)	Rice (kg)	(Share) (%)	Others (kg)	(Share) (%)
2011	127.4	(90.5)	12.1	(9.5)	75.4	(90.6)	7.1	(9.4)
2012	123.3	(90.2)	12.1	(9.8)	74.0	(90.5)	7.0	(9.5)
2013	118.5	(91.1)	10.6	(8.9)	71.9	(88.9)	8.0	(11.1)
2014	121.3	(86.3)	16.7	(13.7)	70.0	(88.4)	8.1	(11.6)
2015	118.5	(86.2)	16.4	(13.8)	68.3	(87.8)	8.3	(12.2)
2016	115.7	(86.9)	15.1	(13.1)	68.5	(87.0)	9.0	(13.1)
2017	109.5	(88.3)	12.8	(11.7)	68.7	(87.0)	8.9	(13.0)
2018	105.5	(89.6)	10.9	(10.4)	67.5	(87.7)	8.3	(12.3)
2019	104.2	(89.1)	11.4	(10.9)	65.4	(87.7)	8.0	(12.3)
2020	102.1	(88.9)	11.3	(11.1)	64.5	(86.8)	8.5	(13.2)
Percent change	-2.0	-2.2	-0.9		-1.4	-2.4	6.3	

[Figure 4] Rice Grain Consumption by Household Type



5. Annual Food Grain Consumption by Use

Per capita annual food grain used for main food and side dishes amounted to 64.9kg, which accounted for 97.8% of the total food grain consumption per capita (66.3kg).

○ Food grain used for main food and side dishes occupied 97.8% 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 2.2% in 2020.

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

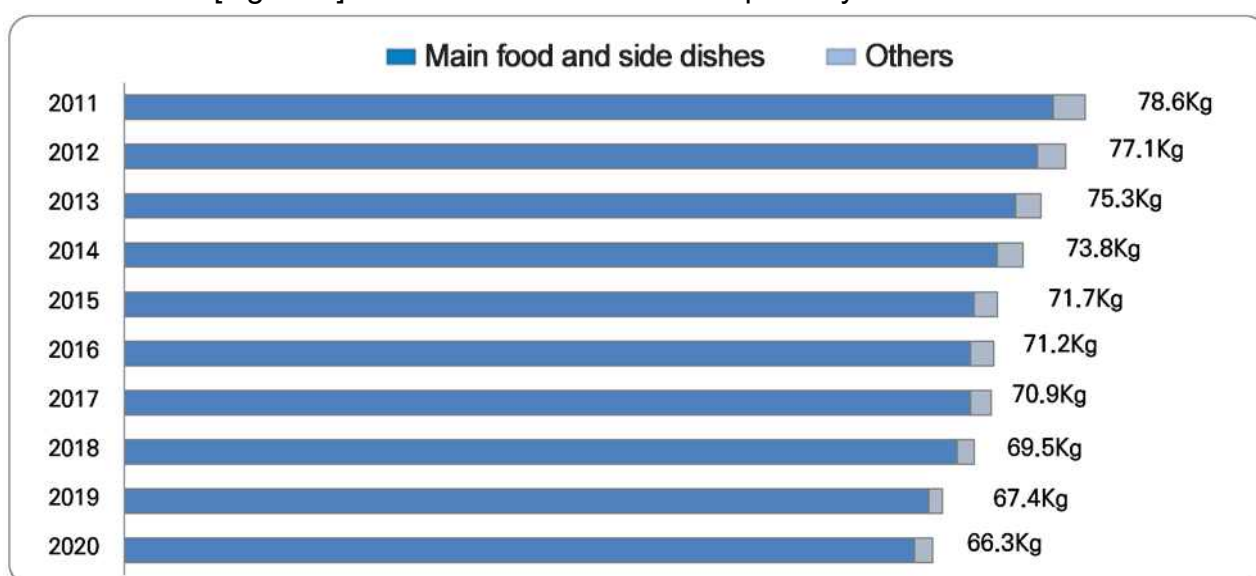
[Table 5] Annual Food Grain Consumption by Use

(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)
2011	78.6	(100.0)	76.3	(97.1)	2.3	(2.9)
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)

** 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 650,130 tons in 2020, dropping by 12.6% from 2019.

- Rice consumption in 'Manufacture of Food Products and Beverages' totaled 650,130 tons in 2020, which decreased by 93,925 tons from 2019.
- Rice consumption in 'Manufacture of Rice Cakes' occupied the largest share at 24.5% of the total rice consumption. This share was followed by 'Manufacture of Ethyl Alcohol and Neutral Spirits' (24.2%), 'Manufacture of Other Prepared Meals and Dishes' (15.8%) and 'Manufacture of Other Grain Mill Products' (8.4%).

[Table 6] Rice Consumption of Major Industries

(Unit: ton, %)

Major industries	2018		2019		2020		
	Consumption	Share	Consumption	Share	Consumption	Share	Percent change
Total Rice Consumption of Establishments	755,664	100.0	744,055	100.0	650,130	100.0	-12.6
Manufacture of Food Products (10)	500,843	66.3	494,560	66.5	436,683	67.2	-11.7
Manufacture of Other Grain Mill Products (10619)	45,105	6.0	56,007	7.5	54,903	8.4	-2.0
Manufacture of Starches and Starch Products (10620)	13,164	1.7	13,230	1.8	11,255	1.7	-14.9
Manufacture of Rice Cakes (10711)	172,317	22.8	176,500	23.7	159,179	24.5	-9.8
Manufacture of Sugar Confectioneries and Cocoa Products (10713)	8,866	1.2	9,280	1.2	9,710	1.5	4.6
Manufacture of Noodles, Macaroni and Similar Farinaceous Products (10730)	18,434	2.4	20,126	2.7	19,599	3.0	-2.6
Manufacture of Soy Sauce and Soy Bean Paste (10743)	12,029	1.6	9,062	1.2	7,712	1.2	-14.9
Manufacture of Box Lunches and Prepared Meals and Dishes (10798)	147,474	19.5	145,187	19.5	143,152	22.0	-1.4
- Manufacture of Box Lunches (10751)	-	-	46,760	6.3	40,197	6.2	-14.0
- Manufacture of Other Prepared Meals and Dishes (10759)	-	-	98,427	13.2	102,955	15.8	4.6
Manufacture of Beverages (11)	254,821	33.7	249,495	33.5	213,447	32.8	-14.4
Manufacture of Raw Rice Wines and Refined Rice Wines (11111)	60,785	8.0	49,547	6.7	43,415	6.7	-12.4
Manufacture of Ethyl Alcohol and Neutral Spirits (11121)	187,562	24.8	191,407	25.7	157,647	24.2	-17.6

* 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 Other Prepared Meals and Dishes' totaled 102,955 tons in 2020, which grew by 4.6% (4,528 tons) from 2019.

- Rice consumption in 'Manufacture of Other Prepared Meals' and 'Manufacture of Sugar Confectioneries and Cocoa Products' rose by 4.6% and 4.6%, respectively, from 2019.

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

(Unit: ton, %)

Industries	2018	2019	2020	Increase	
				Increase	Percent change
Manufacture of Other Prepared Meals and Dishes (10759)	-	98,427	102,955	4,528	4.6
Manufacture of Sugar Confectioneries and Cocoa Products (10713)	8,866	9,280	9,710	430	4.6

Industries Recording a Decrease in Rice Consumption

Rice consumption in 'Manufacture of Ethyl Alcohol and Neutral Spirits' totaled 157,647 tons in 2020, which fell by 17.6% (33,760 tons) from 2019.

- Rice consumption in 'Manufacture of Ethyl Alcohol and Neutral Spirits' showed the highest year-on-year decrease (-17.6%), which was followed by 'Manufacture of Starches and Starch Products' (-14.9%) and 'Manufacture of Soy Sauce and Soy Bean Paste' (-14.9%) and 'Manufacture of Box Lunches' (-14.0%).

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

(Unit: ton, %)

Industries	2018	2019	2020	Decrease	
				Decrease	Percent change
Manufacture of Ethyl Alcohol and Neutral Spirits (11121)	187,562	191,407	157,647	-33,760	-17.6
Manufacture of Starches and Starch Products (10620)	13,164	13,230	11,255	-1,975	-14.9
Manufacture of Soy Sauce and Soy Bean Paste (10743)	12,029	9,062	7,712	-1,350	-14.9
Manufacture of Box Lunches (10751)	-	46,760	40,197	-6,563	-14.0
Manufacture of Raw Rice Wines and Refined Rice Wines (11111)	60,785	49,547	43,415	-6,132	-12.4
Manufacture of Rice Cakes (10711)	172,317	176,500	159,179	-17,321	-9.8
Manufacture of Noodles, Macaroni and Similar Farinaceous Products (10730)	18,434	20,126	19,599	-527	-2.6
Manufacture of Other Grain Mill Products (10619)	45,105	56,007	54,903	-1,104	-2.0