

Food Grain Consumption in 2014

1. Food Grain Consumption of Households

(1) Per Capita Annual Food Grain Consumption

In the 2014 food grain year, per capita annual food grain consumption amounted to 73.8kg, which fell by 2.0% from 2013.

- In the 2014 food grain year, annual food grain consumption per capita amounted to 73.8kg, which dropped by 1.5kg (2.0%) from 2013.

* 2014 food grain year: From November 1st, 2013 to October 31st, 2014

- Per capita annual food grain consumption showed a continuously decreasing trend after 1981. Food grain consumption in 2014 recorded 82.9% of food grain consumption in 2005 and 37.5% of food grain consumption in 1967 when food grain consumption recorded the highest figure (196.8kg).

[Table 1] Per Capita Annual Food Grain Consumption

(Unit: kg)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Consumption	89.0	87.2	84.8	83.9	82.3	81.3	78.6	77.1	75.3	73.8
Change	-1.0	-1.8	-2.4	-0.9	-1.6	-1.0	-2.7	-1.5	-1.8	-1.5
Percent change	-1.1%	-2.0%	-2.8%	-1.1%	-1.9%	-1.2%	-3.3%	-1.9%	-2.3%	-2.0%

(2) Per Capita Annual Rice Consumption

In the 2014 food grain year, per capita annual rice consumption amounted to 65.1kg, which declined by 3.1% from 2013.

- In the 2014 food grain year, rice consumption per capita amounted to 65.1kg, which dropped by 2.1kg (3.1%) from 2013.

- The decrease in rice consumption (2.1kg, 3.1%) was bigger than the decrease in the total food grain consumption (1.5kg, Δ 2.0%).

- Rice consumption in 2014 recorded 47.7 percent of rice consumption in 1970 when rice consumption recorded the highest figure (136.4kg).

- Daily average rice consumption per capita marked 178.2g in 2014, which declined by 5.8g (3.2%) from 2013.

- Daily rice consumption per capita

(Unit: g)

<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	2014
221.2	216.0	210.9	207.7	202.9	199.6	195.0	191.3	184.0	178.2

[Table 2] Per Capita Annual Rice Consumption

(Unit: kg)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Consumption	80.7	78.8	76.9	75.8	74.0	72.8	71.2	69.8	67.2	65.1
Change	-1.3	-1.9	-1.9	-1.1	-1.8	-1.2	-1.6	-1.4	-2.6	-2.1
Percent change	-1.6%	-2.4%	-2.4%	-1.4%	-2.4%	-1.6%	-2.2%	-2.0%	-3.7%	-3.1%

(3) Per Capita Annual Consumption of Other Food Grains

Per capita annual consumption of other food grains recorded 8.7kg in 2014, up 7.4% from 2013.

- Per capita annual consumption of other food grains increased by 0.6kg (7.4%) to 8.7kg in 2014.

* Other food grains: Barley, wheat flour, miscellaneous grains (millet, grains of kaoliang, buckwheat, adlay, etc.), pulses (soy bean, red bean, peanut, etc.) and potatoes (potato, sweet potato)

- The consumption of barley, wheat flour, miscellaneous grains, pulses and potatoes was 1.3kg, 1.2kg, 1.0kg, 2.5kg and 2.8kg, respectively. The consumption of miscellaneous grains, pulses and potatoes increased by 25.0 percent, 19.0 percent and 3.7 percent from 2013, respectively.
- The consumption of other food grains occupied 11.8 percent of the total food grain consumption in 2014, up 1.0%p from 10.8 percent in 2013.

[Table 3] Per Capita Annual Food Grain Consumption

(Unit: kg, %)

	Total	Rice consumption (Share of rice consumption)			Others (Share of other food grains)	
2005	89.0 (100)	80.7	(90.7)	8.3	(9.3)	
2006	87.2 (100)	78.8	(90.4)	8.4	(9.6)	
2007	84.8 (100)	76.9	(90.7)	7.9	(9.3)	
2008	83.9 (100)	75.8	(90.3)	8.1	(9.7)	
2009	82.3 (100)	74.0	(89.9)	8.3	(10.1)	
2010	81.3 (100)	72.8	(89.5)	8.5	(10.5)	
2011	78.6 (100)	71.2	(90.6)	7.4	(9.4)	
2012	77.1 (100)	69.8	(90.5)	7.3	(9.5)	
2013	75.3 (100)	67.2	(89.2)	8.1	(10.8)	
2014	73.8 (100)	65.1	(88.2)	8.7	(11.8)	
Percent change	-2.0	-3.1		7.4		
	Barley	Wheat flour	Miscellaneous grains	Pulses	Potatoes	
2005	1.2	1.5	0.5	2.6	2.5	
2006	1.2	1.3	0.5	3.0	2.4	
2007	1.1	1.3	0.5	2.7	2.3	
2008	1.1	1.4	0.5	2.3	2.8	
2009	1.2	1.5	0.5	2.3	2.8	
2010	1.3	1.5	0.7	2.3	2.7	
2011	1.3	1.4	0.6	1.8	2.4	
2012	1.3	1.3	0.6	1.9	2.2	
2013	1.3	1.3	0.8	2.1	2.7	
2014	1.3	1.2	1.0	2.5	2.8	
Percent change	0.0	-7.7	25.0	19.0	3.7	

(4) Annual Food Grain Consumption by Use

Annual food grain used for main food and side dishes amounted to 71.7kg, which accounted for 97.2 percent of the total food grain consumption per capita (73.8kg).

- Food grain used for main food and side dishes occupied 97.2 percent of the total annual food grain consumption per capita.
 - The share of main food and side dishes went up from 95.1 percent in 1998 to 97.2 percent in 2014.
 - The share of others (soy sauce & soy bean paste, cakes & cookies, etc.) dropped from 4.9 percent in 1998 to 2.8 percent in 2014.
- * The Statistics Korea started covering the food grain consumption by use in 1998 when the works related to Food Grain Consumption Surveys were transferred to the Statistics Korea from the Ministry of Agriculture and Forestry.

[Table 4] Annual Food Grain Consumption by Use

(Unit: kg)

	Total		Main food and side dishes (Share)		Others (Share)	
		(100)		(Share)		(Share)
1998	111.7	(100)	106.2	(95.1)	5.5	(4.9)
2005	89.0	(100)	86.1	(96.7)	2.9	(3.3)
2006	87.2	(100)	84.3	(96.7)	2.9	(3.3)
2007	84.8	(100)	82.1	(96.8)	2.7	(3.2)
2008	83.9	(100)	81.4	(97.0)	2.5	(3.0)
2009	82.3	(100)	79.8	(97.0)	2.5	(3.0)
2010	81.3	(100)	78.7	(96.8)	2.6	(3.2)
2011	78.6	(100)	76.3	(97.1)	2.3	(2.9)
2012	77.1	(100)	75.0	(97.3)	2.1	(2.7)
2013	75.3	(100)	73.2	(97.2)	2.1	(2.8)
2014	73.8	(100)	71.7	(97.2)	2.1	(2.8)

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

(5) Food Grain Consumption by Household Type

Per capita annual food grain consumption of farm households totaled 121.3kg, which was 1.7 times higher than that of non-farm households (70.0kg).

- Per capita annual food grain consumption of farm households increased by 2.4 percent to 121.3kg in 2014. In the meantime, per capita annual food grain consumption of non-farm households decreased by 2.6 percent to 70.0kg in 2014.
- Per capita annual rice consumption of farm households fell by 3.0 percent to 104.7kg in 2014. Per capita annual rice consumption of non-farm households fell by 3.1 percent to 61.9kg in 2014.
- Per capita annual consumption of other food grains for farm households rose by 57.5 percent to 16.7kg in 2014. Per capita annual consumption of other food grains for non-farm households rose by 1.3 percent to 8.1kg in 2014.

[Table 5] Food Grain Consumption by Household Type

(Unit: kg, %)

	Food grain consumption of farm households		Rice (Share)		Others (Share)	
	2005	147.7	130.8	(88.6)	16.9	(11.4)
2006	145.3	128.0	(88.1)	17.3	(11.9)	
2007	145.2	127.6	(87.9)	17.6	(12.1)	
2008	134.9	122.5	(90.8)	12.4	(9.2)	
2009	135.0	119.0	(88.1)	16.0	(11.9)	
2010	133.4	118.5	(88.8)	14.9	(11.2)	
2011	127.4	115.3	(90.5)	12.1	(9.5)	
2012	123.3	111.2	(90.2)	12.1	(9.8)	
2013	118.5	107.9	(91.1)	10.6	(8.9)	
2014	121.3	104.7	(86.3)	16.7	(13.7)	
Percent change	2.4	-3.0		57.5		

	Food grain consumption of non-farm households		Rice (Share)		Others (Share)	
	2005	84.6	77.0	(91.0)	7.6	(9.0)
2006	82.6	75.2	(91.0)	7.4	(9.0)	
2007	80.6	73.3	(90.9)	7.3	(9.1)	
2008	80.3	72.4	(90.2)	7.9	(9.8)	
2009	78.6	70.9	(90.2)	7.7	(9.8)	
2010	77.8	69.8	(89.7)	8.0	(10.3)	
2011	75.4	68.3	(90.6)	7.1	(9.4)	
2012	74.0	67.0	(90.5)	7.0	(9.5)	
2013	71.9	63.9	(88.9)	8.0	(11.1)	
2014	70.0	61.9	(88.4)	8.1	(11.6)	
Percent change	-2.6	-3.1		1.3		

2. Food Grain Consumption of Establishments

(1) Annual Rice Consumption of Establishments

Rice consumption of 'Manufacturing (Food Products and Beverages)' amounted to 534,999 tons in 2014, up 1.7 percent from 2013.

- Rice consumption in 'Manufacture of Food Products' and 'Manufacture of Beverages' totaled 534,999 tons in 2014, which increased by 8,859 tons (1.7%) from 526,140 tons in 2013.
 - Rice consumption in 'Manufacture of Rice Cakes' occupied 35.2 percent of the total rice consumption. This share was followed by 'Manufacture of Lunch Boxes and Composite Food Preparation for Meals' (18.4%), 'Distilling of Ethyl Alcohol' (14.7%) and 'Manufacture of Other Grain Mill Products' (10.0%).
- Compared to 2013, 'Distilling of Ethyl Alcohol', 'Manufacture of Other Grain Mill Products' and 'Manufacture of Soy Sauce and Soy Bean Paste' showed a year-on-year increase in rice consumption.

[Table 6] Rice Consumption of Major Industries

(Unit: ton, %)

	2012		2013		2014		
	Consumption	Share	Consumption	Share	Consumption	Percent change	Share
Rice Consumption of Establishments	570,712	100.0	526,140	100.0	534,999	1.7	100.0
Manufacture of Food Products (10)	356,073	62.4	417,941	79.4	399,045	△4.5	74.6
Manufacture of Other Grain Mill Products (10619)	29,995	5.3	46,575	8.9	53,600	15.1	10.0
Manufacture of Starches and Glucose or Maltose (10620)	13,599	2.4	14,935	2.8	12,856	△13.9	2.4
Manufacture of Rice Cakes (10711)	183,095	32.1	203,656	8.7	188,248	△7.6	35.2
Manufacture of Cocoa and Dry Bakery Products (10713)	8,123	1.4	8,346	1.6	7,074	△15.2	1.3
Manufacture of Noodles, Macaroni and Similar Products (10730)	10,389	1.8	11,709	2.2	9,859	△15.8	1.8
Manufacture of Soy Sauce and Soy Bean Paste (10743)	18,184	3.2	11,225	2.1	12,197	8.7	2.3
Manufacture of Lunch Boxes and Composite Food Preparation for Meals (10798)	74,495	13.1	100,685	9.1	98,369	△2.3	18.4
Manufacture of Beverages (11)	214,640	37.6	108,198	20.6	135,954	25.7	25.4
Manufacture of Rice Wines (11111)	61,386	10.8	47,182	9.0	47,259	0.2	8.8
Distilling of Ethyl Alcohol (11121)	148,016	25.9	55,572	10.6	78,449	41.2	14.7

* In 2011, the Statistics Korea started covering the rice consumption of establishments in the Food Grain Consumption Survey.

(2) Rice Consumption Trends of Establishments

Major Industries Recording an Increase in Rice Consumption

Rice consumption in 'Distilling of Ethyl Alcohol' totaled 78,449 tons in 2014, which grew by 22,877 tons (41.2%) from 2013.

- Rice consumption in 'Distilling of Ethyl Alcohol', 'Manufacture of Other Grain Mill Products' and 'Manufacture of Soy Sauce and Soy Bean Paste' grew by 41.2 percent, 15.1 percent and 8.7 percent from 2013, respectively.

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

(Unit: ton, %)

Major industries	2012	2013	2014		
				Increase	Percent change
Manufacture of Other Grain Mill Products (10619)	29,995	46,575	53,600	7,025	15.1
Manufacture of Soy Sauce and Soy Bean Paste (10743)	18,184	11,225	12,197	972	8.7
Manufacture of Rice Wines (11111)	61,386	47,182	47,259	78	0.2
Distilling of Ethyl Alcohol (11121)	148,016	55,572	78,449	22,877	41.2

Major Industries Recording a Decrease in Rice Consumption

Rice consumption in 'Manufacture of Rice Cakes' totaled 188,248 tons in 2014, which fell by 15,409 tons (7.6%) from 2013.

- Rice consumption in 'Manufacture of Noodles, Macaroni and Similar Products', 'Manufacture of Cocoa and Dry Bakery Products' and 'Manufacture of Starches and Glucose or Maltose' fell 15.8 percent, 15.2 percent and 13.9 percent from 2013, respectively.
- Rice consumption in 'Manufacture of Lunch Boxes and Composite Food Preparation for Meals' declined by 2.3 percent from 2013.

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

(Unit: ton, %)

Major industries	2012	2013	2014	Change	
				Decrease	Percent change
Manufacture of Starches and Glucose or Maltose (10620)	13,599	14,935	12,856	-2,078	△13.9
Manufacture of Rice Cakes (10711)	183,095	203,656	188,248	-15,409	△7.6
Manufacture of Cocoa and Dry Bakery Products (10713)	8,123	8,346	7,074	-1,272	△15.2
Manufacture of Noodles, Macaroni and Similar Products (10730)	10,389	11,709	9,859	-1,851	△15.8
Manufacture of Lunch Boxes and Composite Food Preparation for Meals (10798)	74,495	100,685	98,369	-2,316	△2.3