



# MONGOLIA'S EXPERIENCE ON FOOD BALANCE SHEET

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# Indicators for food availability

- 13 commodity foods groups, identified by Nutrition research center of Ministry of Health, are used for the estimation of food supply statistical indicators, including meat and meat products; milk and dairy products; flour and flour products; all types of rice; sugar and sweeteners; potatoes; vegetables; pulses; fruits and berries; egg; edible oil.



# Indicators for food availability

## 1. Annual food demand for standard population

Food categories	Annual food consumption of standard person*	Annual food consumption of standard population			
		2013	2014	2015	2016
	killogramm	thousand tonnes			
Meat and meat products	73	171.3	174.7	180.8	184.2
Milk	54.8	128.6	131.1	135.7	138.3
Dairy products	73	171.3	174.7	180.8	184.2
Flour	36.5	85.7	87.3	90.4	92.1
Flour products	80.3	188.5	192.1	198.9	202.6
All types of rice	28.5	66.9	68.2	70.6	71.9
Sugars, sweeteners	8.4	19.7	20.1	20.8	21.2
Potatoes	51.1	119.9	122.3	126.6	129
Vegetables	73	171.3	174.7	180.8	184.2
Fruits and berries	65.7	154.2	157.2	162.7	165.8
Pulses	32.9	77.2	78.7	81.5	83
Egg	6.9	16.2	16.5	17.1	17.4
Edible oil	9.1	21.4	21.8	22.5	23

Source: Ministry of Health





# Indicators for food availability

## 2. Consumption, by physical amount

Main food types	Consumption		Domestic production		Net export	
	2015	2016*	2015	2016*	2015	2016*
	thousand tonnes					
Meat and meat products	393.1	346.6	385.6	342.6	7.5	4
Flour and flour products	239.4	255.5	206.5	209.7	32.9	45.8
Potatoes	180.8	166	163.8	165.3	17.1	0.7
Vegetable	138.2	149.9	72.3	94.4	65.9	55.5

Sources: NSO, GAC

\*Preliminary estimation

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# Indicators for food availability

## 3. Food supply level

Main food types	Annual food demand for standard population		Consumption		Supply level	
	2015	2016	2015	2016	2015	2016
	thousand tonnes				percentage	
Meat and meat products	180.8	184.2	393.1	346.6	217.4	188.1
Flour and flour products	289.3	294.8	239.4	255.5	82.8	86.7
Potatoes	126.6	129	180.8	166	142.9	128.7
Vegetable	180.8	184.2	138.2	149.9	76.5	81.4

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# Indicators for food availability

## 4. Food supply level, by source, 2016

Main types of food	Consumption	Supply level			
		Domestic production	Import	Domestic production	Import
	thousand tonnes			percentage	
Meat and meat products	346.6	333.2	13.4	96.1	3.9
Flour and flour products	255.5	209.6	45.9	82	18
Potatoes	166	165.3	0.7	99.6	0.4
Vegetable	149.9	94.4	55.5	63	37

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## 2. Statistical indicators for food accessibility

### 5. National average of daily food intake for standard person in urban and rural areas during summer and winter period 2016

Types of food products	Summer			Winter		
	National average	Urban	Rural	National average	Urban	Rural
	grams					
Meat and meat products	312.1	254.9	433.9	315.4	275.5	397.5
Milk	208.7	159.2	314	164.9	143.2	209.7
Dairy products	425	349.1	586.3	373.2	342.5	436.3
Flour	183.1	125.6	305.2	186.8	135.1	293.1
Flour products	184.9	216.2	118.5	175.3	212.9	98.1
All types of rice	64.2	59.3	74.7	61.5	58.2	68.3
Sugars and sweeteners	61.7	70	44	52.2	58.7	38.9
Potatoes	85.3	85.9	84.1	85.5	86.9	82.7
Vegetable	72.4	82.1	51.8	71.5	79.8	54.4
Fruits and berries	33	35.3	28.3	29.7	32.2	24.4
Pulses	0.1	0.1	0	0.1	0.2	0
Egg	8.7	11.7	2.5	8.4	11.2	2.7
Vegetable oil	17.9	15.2	23.5	18.5	15.9	23.8

Sources: Household Socio-Economic Survey, NSO





## 2. Statistical indicators for food accessibility

### 6. Food accessibility, 2016

Types of food products	Daily food intake for standard person	National average		Accessibility	
		summer	winter	summer	winter
	grams			percentage	
Meat and meat products	200	312.1	315.4	156.1	157.7
Milk	150	208.7	164.9	139.1	109.9
Dairy products	200	425	373.2	212.5	186.6
Flour	100	183.1	186.8	183.1	186.8
Flour products	220	184.9	175.3	84	79.7
All types of rice	78	64.2	61.5	82.3	78.8
Sugars and sweeteners	23	61.7	52.2	268.3	227
Potatoes	140	85.3	85.5	60.9	61.1
Vegetable	200	72.4	71.5	36.2	35.8
Fruits and berries	180	33	29.7	18.3	16.5
Pulses	90	0.1	0.1	0.1	0.1
Egg	19	8.7	8.4	45.8	44.2
Vegetable oil	25	17.9	18.5	71.6	74

Sources: Household Socio-Economic Survey, NSO



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# 3. Dietary energy and nutrients

## 7. Daily intake of dietary calories per standard person during summer, in urban and rural areas, and national average

	Recommended calorie intake for standard person	National average		Urban		Rural	
		2015	2016	2015	2016	2015	2016
Calorie, kilocalorie	2 500.0	2911.4	2 709.2	2544.1	2 397.1	3552.4	3 372.5
Protein, grams	101	126.9	117.8	106.1	99	163.1	157.9
Fat, grams	69	94.7	84.2	77.9	69.8	124.1	114.9
Carbo-hydrates, grams	365	384.1	366.9	350.7	339.9	442.2	424.2

Sources: Household Socio-Economic Survey, NSO



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# 4. Food balance sheet

Commodity	Supply					Domestic Utilisation						Per capita Food supply				Fat, per day
	Production	Change in stock	Imports	Exports	Available supply	Feed	Seed	Food manufactures	Other uses	Waste	Food	Kg year	Grams per day	Calories per day	Protein per day	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Meat	342.6	0.5	13.4	8.9	347.1			29.9			316.7	125.5	343.8	642.9	65.3	43.0
Flour, flour products	209.6	0.0	45.9		255.5						255.5	101.2	277.4	673.5	18.2	2.6
Potato	165.3	0.0	0.7		166.0						166.0	65.8	180.2	158.3	3.9	
Vegetables	94.4	0.0	55.5		149.9						149.9	59.4	162.7	22.8	1.6	



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