Japan Food Self-Sufficiency Rate

Unit: %

Item/ Japanese Fiscal Year*		1965	1975	1985	1995	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010e
Self-Sufficiency Rate for Major Agricultural Products	Rice	95	110	107	104	95	96	95	95	95	94	94	95	95	97
	Wheat	28	4	14	7	11	13	14	14	14	13	14	14	11	9
	Beans	25	9	8	5	7	7	6	6	7	7	7	9	8	8
	Vegetables	100	99	95	85	81	83	82	80	79	79	81	82	83	81
	Fruits	90	84	77	49	45	44	44	40	41	38	40	41	42	38
	Meat (except whale meat)	90	77	81	57	53	53	54	55	54	56	56	56	57	56
	Beef	95	81	72	39	36	39	39	44	43	43	43	44	43	42
	Pork	100	86	86	62	55	53	53	51	50	52	52	52	55	53
	Chicken	97	97	92	69	64	65	67	69	67	69	69	70	70	68
	Eggs	100	97	98	96	96	96	96	95	94	95	96	96	96	96
	Milk/ Dairy products	86	81	85	72	68	69	69	67	68	67	66	70	71	67
	Seafood	100	99	93	57	48	47	50	49	51	52	53	53	53	54
	Seaweed	88	86	74	68	62	66	66	65	65	67	71	71	72	70
	Sugar	31	15	33	31	32	34	35	34	34	32	33	38	33	26
	Lipids	31	23	32	15	13	13	13	13	13	13	13	13	14	13
Grain Self-Sufficiency Rate (Human consumption + Fodder crops)		62	40	31	30	28	28	27	28	28	27	28	28	26	27
Staple Food Grain Self-Sufficiency Rate		80	69	69	65	60	61	60	60	61	60	60	61	58	59
Self-Sufficiency Rate for Total Food Calorific Value		73	54	53	43	40	40	40	40	40	39	40	41	40	39
Self-Sufficiency Rate for Total Food Production Value		86	83	82	74	70	69	70	69	69	68	66	65	70	69
Fodder Self-Sufficiency Rate		55	34	27	26	25	25	23	25	25	25	25	26	25	25

Source: MAFF “Food Balance Sheet” (Released in August, 2011)

* Japanese Fiscal Year ended March (e.g.: 2010 = April 2010 ~ March 2011)
* 2010e = estimates

Notes

(1) For rice, given that the situation is that it is handled based on domestic demand, which is based on domestic production and depletion of the domestic rice stockpile reserve, since 1998, the quantity that is domestic production plus the domestic rice stockpiled reserve depletion is used. The formulas for calculating the self sufficiency rate for each food item, the grain self sufficiency rate, and the staple food grain self sufficiency rate are as shown below.

Self sufficiency rate = domestic supply quantity (domestic production + quantity domestic rice stockpile reserves were depleted by) / quantity earmarked for domestic consumption x 100 (weight base). Moreover, the quantity domestic rice stockpile reserves were depleted by was 262,000 tonnes in 2001, 243,000 tonnes in 2002, 1,147,000 tonnes in 2003, 374,000 tonnes in 2004, 3,000 tonnes in 2005, 178,000 tonnes in 2006, 13,000 tonnes in 2007, -366,000 tonnes in 2008 and -148,000 tonnes in 2009, and 150,000 tonnes in 2010.

When there are government sales of fodder grains, the volume sold by the government for fodder is excluded from the domestic supply quantity and the quantity earmarked for domestic consumption for calculation purposes.

(2) The formulas for calculating the self sufficiency rate for each food item, the grain self sufficiency rate, and the staple food grain self sufficiency rate are as shown below.

Self sufficiency rate = domestic production / quantity earmarked for domestic consumption x 100 (weight base)

(3) The formula for calculating the self sufficiency rate for total food calorific value supplied is as shown below. However, for livestock product this is calculated using the fodder self sufficiency rate as reference.

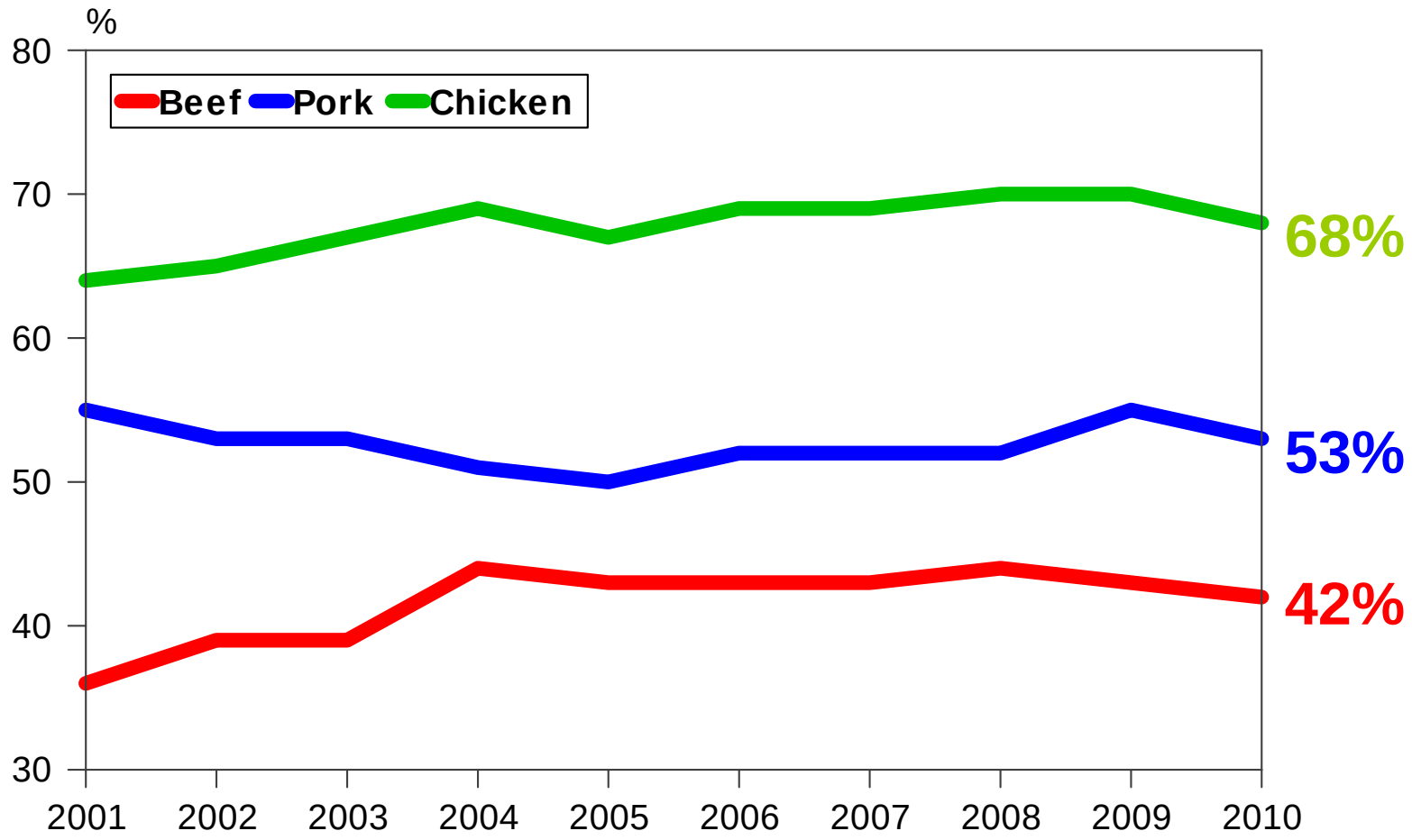
Self sufficiency rate = domestic calorific value supplied / total domestic calorific value supplied x 100 (calorific value base)

(4) The formula for calculating the total food self sufficiency rate on a yen basis is as shown below. However, for livestock product and processed products, the yen amount of imported fodder and imported food raw materials are subtracted from the yen amount of domestic production for the purposes of this calculation.

Self sufficiency rate = Yen amount of domestic production of food / yen amount of food earmarked for domestic consumption x 100 (yen base)

(5) Quantities converted into TDN (total digestible nutrients) are used for the calculation of the fodder self sufficiency rate.

Change in Japan Food Self-Sufficiency Rate



Source: MAFF “Food Balance Sheet”

(October 2011)