

< 1 >

(飢饉) 가?

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1.

가

(食)

가

가 가

가

가

FTA(Free Trade Agreement)

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,
 ,
 .
 (Food Crisis) .
 가
 .
 “ ”,
 ”,
 . UN “
 가 ”
 .
 ,
 .
 가 가
 ,
 가
 ,가
 ,
 가
 .
 ,
 가 가
 ,

가

1)

가

가

1)

(WHO)

(Food Security)

가

가

2.

2.1.

가 가 .
 가가
 가
 UN (World
 Population Prospects) 72 2050 96
 가 , 2100 가 109
 .2)
 72
 ? 2012 FAO

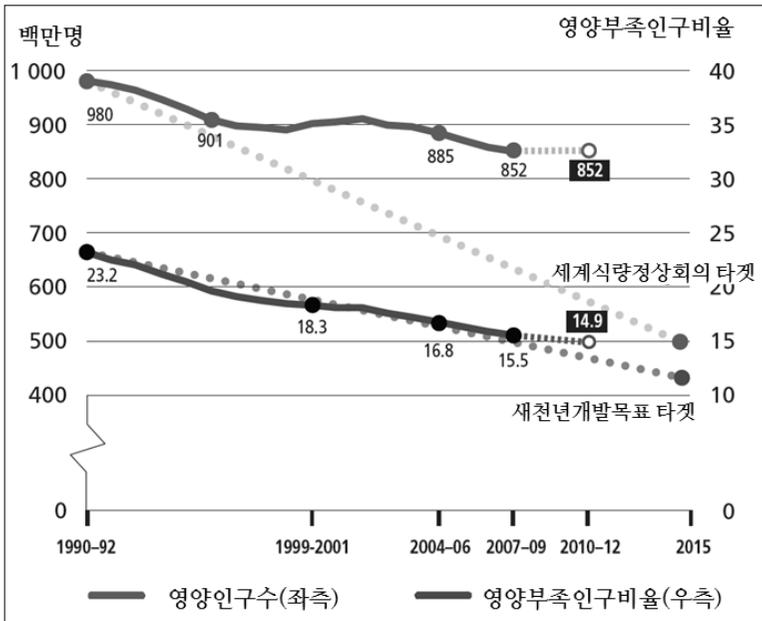
2010~2012 12.5%
 8 7,000 , 8 1
 .3) 8 5,200

2000 UN (Millennium Development Goals)
 2015 . <
 1> 2007
 가 가
 가 2007~2010
 , 가 가 2 가

2) UNESA, *World Population Prospects-the 2012 Revision*, 2013.
 (<http://esa.un.org/wpp/Excel-Data/population.htm>)
 3) FAO, 『2012 가 (: FAO , 2012), 10-11.

< 1> 1990~1992 23.2% , UN 2015 11.6% . 2010~2012 14.9% , 2015 가 가 . 1990~1992 9.5% 2010~2012 6.1% .

< 1>

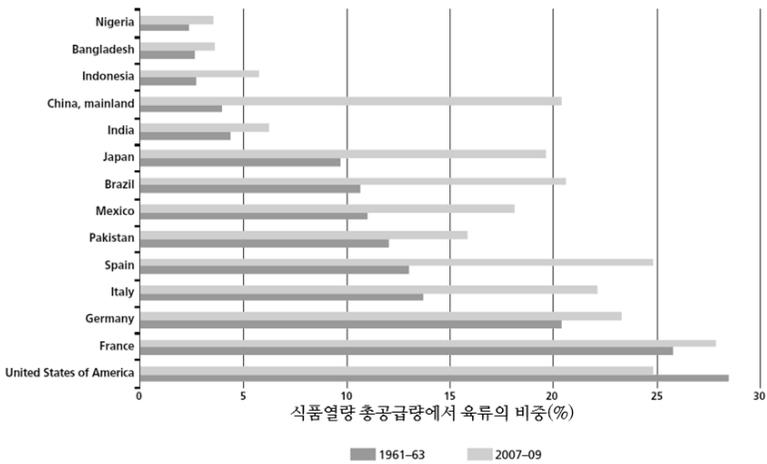


※ 2010~2012 : FAO, 『 (: FAO , 2012), 10.

가 . 2007 23.54 , 1 1 180kg

9) FAO , 1960
 20~25% , ,
 가 () ,
 가 (, ,
) 가 < 2>.

< 2>



: FAO, 『』 (: FAO , 2012), 23.

, 35%
 가 가 ,
 . 1 2001
 49.2kg 59.9kg 10 10kg .
 1980 가 3
 1kg 6~8kg

9) Ibid., 22.

. < 1>
 , 100g 4.8g .10) ,
 (600g) 12.5kg 가
 . UN (WFP) 1 600g
 . 20

< 1>

	(%)
	4.6
	12.5
	17.7
	22.9
	23.5

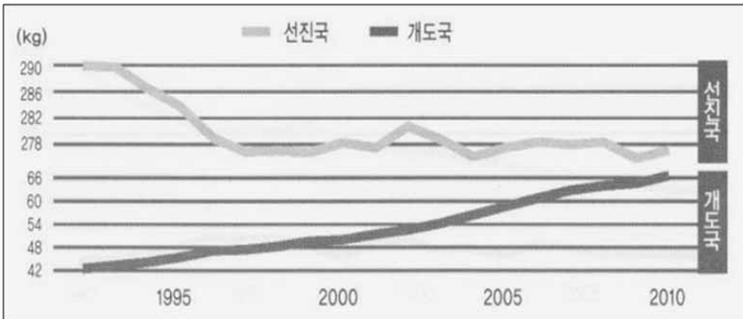
: , , 『 』 (: , 2008), 13.

가 ,
 ,가 가
 ,가
 가 , 가
 가 가 . 가
 , , ,
 가 .
 ,
 , 20

10) , , 『 』 (: , 2008), 13.

1 80kg 가 10kg , 가
 , 가가 가 가
 가 , 90
 90 .12)
 1 10 2 가 .

< 3> 1 (1992-2010)



: FAO, 『2012』 (: FAO , 2012), 201.

가 . 1 80 10.8kg ,
 2011 70kg 가 30 6~7 가 .13)

11) FAO, 『FAO』, 198.
 12) Ibid., 201.
 13) , 『2012』 (: , 2012), 351.

가

2011 2040

<FOOD 2040>

가

가

.14)

< 2> 1

	1 (kg)
1975	4.6
1980	10.8
1985	23.8
1990	43.8
1995	47.5
2000	59.6
2005	62.9
2010	64.2
2011	70.7

: 『2012 』 (: , 2012), 351.

가

가 . 2008

2007~2008 2008

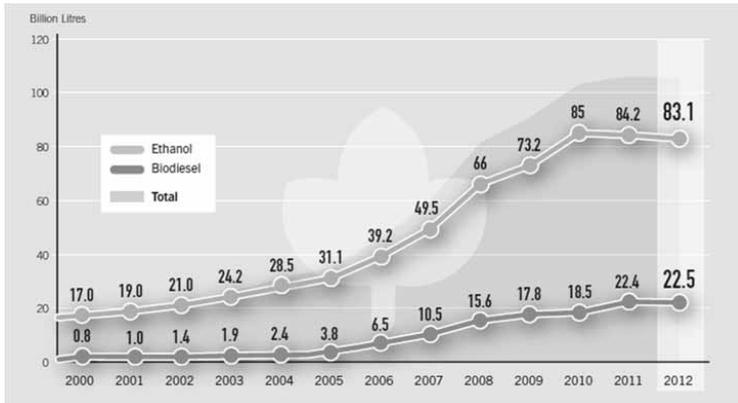
1/3

가 2~3

14) , , “2040 ” 「 」 139 (2012), 55-67(61).

가 .15)

< 4>



: REN21, Renewables 2013 Global Status Report

< 4> 2000

가 . 2012
 831 , 225
 (Transportation fuel) 3% .
 (63%, 2011) (25%, 2011)
 , , , EU(41%)
 , (Beef tallow),
 .16)

가 100 , 2035
 30% 가

15) , 『 가』
 (: , 2011), 10.

16) REN21, *Renewables 2013 Global Status Report* (Paris: REN21 Secretariat, 2013), 27-55.

, 가 125
 .17) 가
 , RFS(Renewable Fuel Standard,
)
 , 가
 .
 , 2014
 , 2014 2.5%, 2015~
 2016 3%, 2017~2020 5% 3
 .
 . 가
 , 가
 , 가
 가 .
 가
 가 .

2.2

가
 . , , 가 ,
 .

17) IEA, *World Energy Outlook 2012* ([http://www.worldenergyoutlook.org/pressmedia/recentpresentations/ PresentationWEO2012launch.pdf](http://www.worldenergyoutlook.org/pressmedia/recentpresentations/PresentationWEO2012launch.pdf))

가 가

, 가

가 , 2080

1% ,18) ,

가 .19)

1990

UN (IPCC, Intergovernmental Panel on Climate Change)

가 가

. , 100 (1906~2005)

0.74 , 1912~2010 1.8

200mm 가 .20)

.

, 가 .

, 가

. 2006 가

, 2008~2009

가 , , ,

가 .

18) , 『 , 『 , 7.

19) , 『RDA , 『 ,

36-37.

20) , “ , ” 『 119 (2013), 24-37(26).

. , 2008 5
 83.7% , 5
 72.4% .22)
 가 ,
 ,
 가 (WTO)
 ,
 ,
 .23)
 가 ,
 FAO 1 17~18% .
 2005 () ,
 , ,
 .
 () ,
 가 , ,
 .

22) , 『RDA』,
 53.
 23) , “WTO” , 『 』 55:5
 (2013), 25-33(29-30).

2.4.

40~50%, 20%, 30%, 30%, 24)

2013 40 가 30~50%(12~20)가 1

가 , 25)

(Food Supply Chain)²⁶⁾ 가

가 가

1 1600 .

30%가 ,

30~50%가 27)

가 .

28.7%가 , 1 5

(2008) 1 1 2000 240g

2009 350g 가 . 270g, 260g

10~20%

24) FAO, 『2012 』 (: FAO), 151.

25) Institution of Mechanical Engineers, *Global Food Waste Not, Want Not* (2013, Jan.), 7.

26) , 가 , , .

27) Institution of Mechanical Engineers, *Global Food*, 3.

()

가
가

3.

가 가 .

1970 80% 2011

22.6% , 1970 86.2%

2011 44.5% . 가 130

3 , , ,

2012/2013 1.6% 16

. 1972 40 2012

, < 3>.

가 1

. 1970 1 5.2kg

2012 43.7kg 8 가 . ,

, 가 .

가 가 가

< 3 > 1 (: kg)

			가			
1972	134.5	37.5	6.7	1.4	4.3	5.9
1982	130.0	13.8	5.2	0.3	3.6	3.6
1992	112.9	1.5	3.2	0.5	3.7	3.0
2002	87.0	1.5	2.7	0.9	3.5	3.4
2012	69.8	1.3	1.3	0.6	1.9	2.2

: , 2012

, 가 가
 . FAO가 가 (Food Price Index)²⁸⁾
 < 5 > .

< 5 > . 가



5 가 2008 , 2011~2012

28) 가 FAO가 1990 , , 55
 가 . 2002~2004
 가 100 .

가 , 2008 가 가 가 ,
 30 가 가 . 2008
 가 가 가
 , 2011 가 2013
 210 . FAO
 가 2015

1995 WTO
 , 2007~2008

가 . 2009~2010
 100% , 2011
 가 『
 』 . 2011 83% ,
 2013 . 29)
 가 .

가 , 가
 가 .

29) , , “ , ” 「 」 119 (2013), 3-11(3).

< >

(UN),

(FAO),

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<Key Words>

UN, FAO, Climate Change, Food Security, Food Crisis, Food Self-sufficiency

* 2013 8 23 , 2013 9 7 , 2013 9 7

- “ ” 「 」 119 (2013), 24-37.
- , 『2012 』, : , 2012.
- , 『RDA 』,
- : , 2011.
- , 『 』, : , 2008.
- , “2040 ” 「 」 139
(2012), 55-67.
- “WTO ” 「 」
55:5 (2013), 25-33.
- , 『 』, : , 2012.
- , “ ” 「 」 119
(2013), 3-11.
- , 『 가?』, , : ,
2007.
- , 『 가?』, : , 2011.
- FAO, 『2012 』, : FAO , 2012.
- FAO, 『2012 FAO 』, : FAO , 2012.
- IEA, *World Energy Outlook 2012*. (<http://www.worldenergyoutlook.org/pressmedia/recentpresentations/PresentationWEO2012launch.pdf>)
- Institution of Mechanical Engineers, *Global Food Waste Not, Want Not* (2013)
(http://www.imeche.org/docs/default-source/reports/Global_Food_Report.pdf?sfvrsn=0)
- REN21, *Renewables 2013 Global Status Report*, Paris: REN21 Secretariat, 2013.
- UNESA, *World Population Prospects-the 2012 Revision*, 2013. (<http://esa.un.org/wpp/Excel-Data/population.htm>)

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(飢饉) 가?

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<Abstract>

Why Does Famine Still Exist?

Dr. Ggot-Im Lee
(Korea Food Security Research Foundation)

The terms of food crisis, food self-sufficiency, and food security have been more circulated in Korean society than in the past, and it is quite encouraging as the current rate of the self-sufficiency in food is low in Korea. However, it is not easy to illuminate the structural problem of food crisis and to provide its solution for the specific Korean situation. The food matters are very complicated and various factors are multi-related that solving just one problem does not answer to everything. This article surveys and discusses the factors that allegedly cause the food crisis. The factors of food crisis mentioned in here are as follow: the increase of population, the increase of production of bio fuels, the increase of meat consumption in some developing countries such as China, India and Brazil in an aspects of food demand. It also counts the immorality of some grain major companies, food waste, and climate change as tasks to be solved. It prospects that the food crisis will increase in the future and global cooperation will be required to set up various measures.