## FOOD SECURITY AND RELATED INDICATORS<sup>2</sup>

CFS Indicators	Measurement	1996	1997	1998	1999	2000	200	2002	2003	2004	Source
Food security Indicators		•	1	1	1	•	1	•			
Availability											
Average per person dietary energy supply	(kcal)/day/per capita	1,905.60	1,847.30	1,950.60	1,953.80	1958.40	1,997.50				FAOSTAT
Food production index	Net per capita production index number from the base period 1989-91	87.10	74.50	83.90	82.90	84.60	82.80	81.20	78.40		FAOSTAT
Food self-sufficiency ratio	Ratio of the total production in terms	117	88	109	108	92	94	102	90	105	MAFS
	of kcal to domestic utilization containing Food use, Industrial use and Intermediate use (=feed+seed+waste) in terms of kcal	100.82	82.84	92.40	89.85	89.54	89.71				FAO (ESDG)
Cereal supply per person	Excluding cereals for beer production, seeds and waste, kg per capita	104.30	102.60	105.60	106.90	109.70	115.50				FAOSTAT
Animal protein supply per person	gr/per capita/day	9.30	9.60	9.40	9.40	9.70	9.60				FAOSTAT
Value of food imports/export earnings	Ratio of Imports value of food and animal products to exports value of total merchandise trade	0.18	0.21	0.64	0.43	0.35	0.28	0.19			FAOSTAT
Debt service ratio	Ratio of principal repayments and interest to total exports earnings	18.44	12.53	20.73	16.20	11.61	7.33				
Value of gross investment in agriculture	In USD	48	48	48	48						WDI
∙€Stability											
Food price index	1995=100	120.42	141.44	162.21	176.47	188.44	199.92				WDI
Index of variability of food production	Annual percentage of standard deviation of food production 879 (calorie equivalent per capita per day) from their average over the previous 3 years	0.95	1.70	3.06	3.66	0.27	1.04				FAOSTAT
Ratio of national food reserves to domestic food	Ratio of national food security reserves to domestic food										

consumption	consumption									
Export earnings instability	Annual percentage of standard deviation of total exports value from their average over the previous 3 years	19.00	5.97	13.98	16.23	8.62	16.02	13.74		FAOSTAT
•€Access										
Rate of growth in real GDP per person/per year (%)	% of GDP growth per capita/day	4.56 1.3	3.51 0.2	3.71 0.9	3.48 1.6	5.15 1.7	5.69 2.6	4.3*	3.2**	WID NBS
Gini index of income distribution	Gini index (1991/2001)	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.35	NBS (HBS)
Percentage of population living below national poverty line	% of population below \$ 1per day consumption (1994/2001)	38.6	38.6	38.6	38.6	38.6	35.7	35.7	35.7	NBS (HBS)
Percentage of population living on less than \$ 1 a day	% of population below national poverty line (1990-2001)	19.9	19.9	19.9	19.9	19.9	19.9			Human Development Report 2003
Percentage of income spent on food	(1994/2001)	71.2	71.2	71.2	71.2	71.2	55.9	55.9	55.9	NBS (HBS)
Consumer price index	(1994=100)	140.1	162.6	183.5	197.9	209.7	220.5	230.5	240.7	NBS
	1995=100	120.98	140.44	158.42	170.92	181.04	190.34	230.50	240.70	WID
Estimated number of undernourished people (2)	Millions	15.70				15.20				FAO (2003). The state of food insecurity in the world 2003
Percentage of population undernourished	%	49	49	49	43	43	43			FAO (2003). SOFI Table 1
Percentage of children under 5 that are underweight	% of below minus two standard deviations from median weight for age	30.60			29.40					WDI
Percentage of children under 5 that are stunted (%)	% of below minus two standard deviations from median height for age	43.40			43.80			44		WDI/UNICEF
Percentage of children under 5 that are wasted (%)	% of below minus two standard deviations from median weight for height	7.2			5.4					NBS

2. Social indicators										
Life expectancy at birth (age)	Age		47.92	47	44.99	44.35	43.72			WDI
Under-5 mortality rate	Per 1,000 live births (1990/2001)	163	163	163	163	165.00	165.00			HDR 2003/WDI
Net school enrolment in primary education of children aged 5-12 (%)	% Net	47.85	48.42	46.14	46.70	46.70				WDI
Ratio of girls to boys in primary education	Number of girls/boys at the time of enrolnment	1.02	1.03	1.04	1.04 (1.00)	1.04 (0.98)	0.97	0.96	0.95	WDI/MoEC
Adult literacy rate	%	70.32	71.49	72.66	73.84	75.01	76.05 (24	)		WDI/HDR 2003
Total number of doctors, nurses and other health personnel per 100 000 people	Rate per 100,000 population/Year (1990-2002)	4	4	4	4	4	4	4		HDR 2003
Infant mortality rate	Per 1,000 live births	102	103.40			104	104			HDR 2003/WDI
Maternal mortality rate	Annul number of deaths of women from pregnancy related causes per 100,000 live births (1995)	1,100				770.00				HDR 2003/WHO (2000). Statistical Information System
Adult morbidity rate										
Adult male mortality rate	Per 1,000		531.58			569.00				WDI
Adult female mortality rate	Per 1,000		476.00			520.00				WDI
3. Infectious diseases and	HIV/AIDS indicators									
Death rate from infectious diseases	Number of people (by 100,00) dying from infectious and parasitic diseases excluding HIV/AIDS (4)									
Death rate from HIV/AIDS	Number of people (by 100,000) dying from HIV/AIDS (Rates of infection)				426.84 28.6	36.6	389.27 43	37.9		UNAIDS (1999), WHO (2000). Mortality database (MoH/NACP)
Percentage of population orphaned	Share of children orphaned by HIV/AIDS out of total population (%)				3.35		2.25			UNAIDS (2000, 2002). Report on the global HIV/AIDS

										epidemic
Percentage of child-headed households	%									
Average age of household head	Age									
Rate of population with HIV/AIDS infection	% of population of adults and children				3.96		4.17			UNAIDS (2000, 2002). Report on the global HIV/AIDS epidemic
4. Economic and Trade										
Proportion of total imports by value, excluding arms, from developing countries and from LDCs admitted free of duties /a	% of goods excluding arms admitted free of tariffs									
Average tariffs imposed on agricultural products and textiles and clothing from developing countries /a										
Agricultural products	% of average tariff on export agricultural products % of average tariff on export textiles and clothing									
Textiles and clothing										
Agricultural support estimate as percentage of GDP <sup>/a</sup>	% of GDP	4.5	1.5	2.3	4.1	3.5	6.5			NBS
Proportion of ODA provided to help build trade capacity <sup>/a</sup>	Ratio of values (US\$) provided to trade capacity building out of total ODA									
Share of primary exports (value) of total exports earnings /b	Ratio of exports value of total agricultural products to export value of total merchandise trade	0.65	0.61	1.00	1.09	0.72	0.53	0.39		FAOSTAT
Share of manufactured	Ratio of manufactured exports value		10.38	21.01	15.50	17.05	15.01	13.35	14.62	WDI/NBS

exports (value) of total exports earnings 'b	to total merchandized exports									
Terms of trade /b	Ratio of the export price index to the import price index measured relative to the base year 1995	98.13	101.73	71.76	75.32	74.14				WDI
External agricultural income terms of trade	Ratio of Index of exports value of total agricultural products to imports unit value index	2.22	2.53	2.11	1.89	2.44	2.25	2.15		FAOSTAT
5. Sustainability of natura	al resources									
Proportion of land area under forest cover	% of total population (Base year 1990/2000)	45				0.44 (43.9)				FAO (2001). Global Forest Resources Assessment 2000 (HDR 2003)
Proportion of area protected to maintain biological diversity	% of total land							29.80	0.28	WDI/HDR 2003

a/ Applicable to developed countriesb/ Applicable to developing countries