



Country Profile: Food Security Indicators

Country: Ghana

		1990-92	1995-97	2000-02	2006-08	1990-92 to 1995-97 (%)	1995-97 to 2000-02 (%)	2000-02 to 2006-08 (%)
						<i>annual change</i>		
I. FOOD DEPRIVATION AND CONSUMPTION INDICATORS								
Food Deprivation								
Proportion of undernourishment	percent	28	13	9	5	-15.7	-6.1	-10.9
Number of undernourished	millions	4.3	2.3	1.9	1.1	-12.9	-3.7	-8.6
Food deficit of undernourished population	kcal/person/day	260	210	200	180	-3.8	-1.0	-1.6
Food Needs								
Minimum dietary energy requirement (MDER)	kcal/person/day	1750	1760	1780	1790	0.1	0.2	0.1
Average dietary energy requirement (ADER)	kcal/person/day	2190	2210	2230	2250	0.2	0.2	0.2
Food Supply for Human Consumption								
Dietary energy supply (DES)	kcal/person/day	2120	2480	2630	2900	3.1	1.1	1.6
Total protein consumption	g/person/day	46.8	52.0	54.1	58.9 *	2.1	0.8	1.7 *
Animal protein consumption	g/person/day	14.5	14.7	14.4	16.0 *	0.3	-0.4	2.7 *
Fat consumption	g/person/day	36.2	35.3	38.9	48.0 *	-0.5	1.9	4.2 *
Diet Composition (Share in DES):								
Carbohydrate	percent	75.9	78.8	78.4	76.6 *	0.8	-0.1	-0.5 *
Total protein	percent	8.8	8.4	8.2	8.3 *	-1.0	-0.3	0.1 *
Animal protein	percent	2.7	2.4	2.2	2.2 *	-2.8	-1.5	0.5 *
Fat	percent	15.3	12.8	13.3	15.2 *	-3.6	0.8	2.6 *
Major food commodities consumed (share in DES) *								
1 - Cassava	percent	23.6	27.4	23.7	20.5 *	2.9	-2.9	-2.8 *
2 - Flour of maize	percent	16.0	15.0	12.8	12.0 *	-1.2	-3.1	-1.4 *
3 - Yams	percent	8.1	10.5	12.2	11.1 *	5.1	3.1	-2.0 *
4 - Plantains	percent	6.8	8.8	8.7	9.9 *	5.0	-0.1	2.4 *
5 - Rice, broken	percent	0.0	0.1	2.2	5.3 *		53.9	18.0 *
Share of cereals and roots & tubers in DES	percent	70.9	73.0	71.4	66.7 *	0.6	-0.4	-1.4 *
Share of oils and fats in DES	percent	7.5	5.2	5.7	7.3 *	-7.3	1.9	5.0 *
*ranked on the latest 3-year period								
II. FOOD PRODUCTION INDICATORS								
Role of production to consumption by major commodity**								
1 - Cassava	percent	182.6	172.8	216.8	221.3 *	-1.1	4.5	0.4 *
2 - Flour of maize	percent	102.0	102.0	106.9	105.3 *	0.0	0.9	-0.3 *
3 - Yams	percent	201.2	134.7	153.9	148.5 *	-8.0	2.7	-0.7 *
4 - Plantains	percent	111.1	111.1	111.1	111.1 *	0.0	0.0	0.0 *
5 - Rice, broken	percent		0.0	0.0	0.0 *			*
**ratio of production to consumption by major commodity								



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III. FOOD TRADE INDICATORS								
Foreign Food Trade								
<u>Exports</u>								
Total merchandise	MLN US\$	960	1497	1865	4359	8.9	4.4	14.2
Share of food (1) in total merchandise value	percent	37.3	36.5	28.7	33.3	-0.4	-4.8	2.5
Share in total DES production	percent	6.7	7.6	7.6	12.3	2.7	0.0	7.9
<u>Imports</u>								
Total merchandise	MLN US\$	1327	1918	2936	7890	7.4	8.5	16.5
Share of food (1) in total merchandise value	percent	14.9	8.3	11.9	12.8	-11.8	7.2	1.3
Share in total DES production	percent	10.3	5.9	11.5	19.3	-11.2	13.4	10.3
Net food trade (Food exp.-Food imp.) in total GDP	percent	2.5	5.7	3.4	1.8	16.3	-10.5	-10.6
Role of imports to consumption by major commodity***								
1 - Cassava	percent					*		*
2 - Flour of maize	percent	0.0	0.0	0.1	0.0	*	1.6	-3.4 *
3 - Yams	percent					*		*
4 - Plantains	percent					*		*
5 - Rice, broken	percent			112.3	83.8	*		-5.9 *
***ratio of imports to consumption by major commodity								
Food Aid Received								
Cereal aid shipments	1000 MT	119.2	62.0	68.2	na	-13.1	1.9	na
Share of food aid in total dietary energy supply (DES)	percent	3.7	1.4	1.0	na	-19.2	-0.7	na
IV. MACRO AND SOCIO ECONOMIC INDICATORS								
Population								
Total population	1000	15407	17702	20001	22872	2.8	2.4	2.2
Density	Inh/sq Km	68	78	88	101	2.8	2.4	2.2
Share of urban in total population	percent	37.2	40.9	44.7	49.3	1.9	1.8	1.6
Age dependency ratio (per 100 persons aged 15-64)	ratio	88.3	84.2	79.6	74.2	-0.9	-1.1	-1.2
Macro economic aggregates								
GDP at market prices (constant 2000 US\$)	MLN US\$	3426	4211	5188	7266	4.1	4.2	5.6
Share of agriculture value added in total GDP	percent	45.2	42.2	39.3	30.1	-1.4	-1.4	-4.4
Workers' remittances and compensation of employees, received (in total GDP)	percent	0.1	0.3	0.7	0.5	24.3	15.2	-7.3
Net official development assistance received (in total GDP)	percent	10.9	8.8	11.7	5.0	-4.1	5.6	-14.1
Foreign direct investment, net (BoP, current US\$) (in total GDP)	percent	0.3	1.5	1.9	3.7	32.3	4.6	10.9
Current account balance (in total GDP)	percent	-4.5	-4.2	-4.8	-8.8	-1.5	2.8	10.0
Total reserves in months of imports	no. months	3.1	3.8	1.5	3.2	4.2	-18.9	12.8
Cash surplus/deficit (in total GDP)	percent			-5.8	-4.9			-2.6



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<i>annual change</i>								
Poverty (last year available) (%of population)								
National (Poverty headcount) - 2006	percent				28.5			
Rural (Poverty headcount) - 2006	percent				39.2			
Urban (Poverty headcount) - 2006	percent				10.8			
Inequality in Access to Food and to Income								
Gini of income - 2006	percent				43.0			
Gini of dietary energy consumption - 1992	percent				15.1			
Share of food in total expenditure - 2006	percent				51.0			
Consumer price index (Base=2000)	percent	11.6	46.7	132.9	331.9	27.8	20.9	15.3
Consumer food price index (Base=2000)	percent	14.7	56.2	123.2	300.6	26.8	15.7	14.9
Literacy rate								
Adult female (% of females aged 15 and above) - 2009	percent				66.6			
Adult male (% of males aged 15 and above) - 2009	percent				72.8			
Adult both sexes (% of people aged 15 and above) - 2009	percent				60.4			

V. AGRICULTURE INDICATORS

Agricultural inputs								
Total labour force	1000	7610	8886	10223	12049	3.1	2.8	2.7
Share of agricultural labour force (2) in total labour force	percent	48.9	49.1	48.7	46.9	0.1	-0.1	-0.6
Share of female in agricultural labour force	percent	45.5	45.0	44.2	44.6	-0.2	-0.4	0.1
Land								
Arable land & permanent crops	1000 HA	4280	4967	6214	7133	3.0	4.5	2.3
Share of irrigated in total arable land	percent	0.1	0.1	0.5	0.5	4.0	28.8	1.4
Agricultural Production (1) - Major Items *								
1 - Yams	1000 MT	1947	2269	3603	4520	3.1	9.2	3.8
2 - Cassava	1000 MT	4694	6907	8935	10402	7.7	5.1	2.5
3 - Cocoa beans	1000 MT	282	376	389	693	5.7	0.7	9.6
4 - Plantains	1000 MT	1020	1760	2095	3157	10.9	3.5	6.8
5 - Taro (cocoyam)	1000 MT	1105	1488	1724	1679	6.0	2.9	-0.4
Major Exports (1) (share in Agriculture) *								
1 - Cocoa beans	percent	85.8	77.1	76.1	65.3	-2.2	-0.2	-2.6
2 - Sugar, refined	percent	0.0	0.0	0.5	7.1		69.5	43.7
3 - Cocoa butter	percent	5.8	10.4	5.2	4.5	11.5	-14.0	-2.2
4 - Oil of palm	percent	0.5	1.2	1.3	3.8	19.2	0.6	18.3
5 - Cashew nuts	percent	0.0	0.2	0.3	3.3		4.5	43.1



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Major Imports (1) (share in Agriculture) *								
1 - Oil of palm	percent	1.6	0.5	2.9	12.3	-24.4	36.1	24.1
2 - Wheat	percent	12.3	21.7	10.9	11.8	11.4	-13.8	1.4
3 - Rice, broken	percent	0.0	1.2	8.7	11.1		40.0	4.0
4 - Sugar, refined	percent	19.2	15.3	11.8	10.1	-4.5	-5.2	-2.7
5 - Chicken meat	percent	3.2	2.4	2.8	5.5	-5.5	3.0	11.5
*ranked on the latest 3-year period								
Inputs								
Fertilizer use/Arable land	kg nutr./HA	na	na	2.5	7.4			17.9
Investments in agriculture								
Agricultural support estimate for OECD countries	US\$ billion							
External assistance to agriculture	Const.US\$/agric.worker	na	na	na	na	na	na	na
Agriculture, value added per worker	Const. 2000US\$			360.2				



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VI. HEALTH, NUTRITIONAL AND SANITATION INDICATORS								
Child Nutritional Status								
Stunting, less than - 2 s.d - 2008	percent				29.0			
Overweight, more than + 2 s.d - 2008	percent				5.9			
Adult Nutritional Status								
Underweight - both sexes - 2008	percent							
Underweight - males - 2008	percent							
Underweight - females - 2008	percent				8.6			
Obesity - both sexes - 2008	percent							
Obesity - males - 2008	percent							
Obesity - females - 2008	percent				9.3			
Health and Sanitation								
Life expectancy at birth - both sexes	years	57	58	59	62	0.2	0.3	1.0
Life expectancy at birth - males	years	56	57	58	61	0.3	0.3	1.0
Life expectancy at birth - females	years	58	59	60	63	0.2	0.2	1.0
Under-five mortality rate - 2009	per 1000 live births				69			
Infant mortality rate (0-1 year) - 2009	per 1000 live births				47			
Access to safe water - 2009	percent				46.7			
Access to adequate sanitation - 2008	percent				13.0			
Maternal mortality ratio - 2008	per 10 ⁵ live births				350			

Notes: (1) Crops & livestock products; (2) Includes fishing, forestry & hunting; - =Proportion less than 5% of undernourished; na=data Not Available; ns=Not statistically Significant.

* Data refer to 2005-07 instead of 2006-08.

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