



## Country Profile: Food Security Indicators

Country: Kenya

		1990-92	1995-97	2003-05	1990-92 to 1995-97 (%)	1995-97 to 2003-05 (%)
<i>annual change</i>						
<b>I. FOOD DEPRIVATION AND CONSUMPTION INDICATORS</b>						
<b>Food Deprivation</b>						
Proportion of undernourishment	percent	33	30	32	-1.8	0.7
Number of undernourished	millions	8.0	8.4	11.0	1.2	3.3
Food deficit of undernourished population	kcal/person/day	250	250	250	-0.3	0.3
<b>Food Needs</b>						
Minimum dietary energy requirement (MDER)	kcal/person/day	1710	1740	1750	0.3	0.1
Average dietary energy requirement (ADER)	kcal/person/day	2120	2170	2190	0.4	0.1
<b>Food Supply for Human Consumption</b>						
Dietary energy supply (DES)	kcal/person/day	1980	2050	2040	0.7	-0.1
Total protein consumption	g/person/day	55	59	57	1.5	-0.5
Animal protein consumption	g/person/day	17	15	15	-3.0	0.5
Fat consumption	g/person/day	46	47	45	0.6	-0.5
<b>Diet Composition (Share in DES):</b>						
Carbohydrate	percent	68	68	69	-0.1	0.2
Total protein	percent	11	12	11	0.7	-0.4
Animal protein	percent	3	3	3	-3.7	0.6
Fat	percent	21	21	20	-0.1	-0.4
<b>Major food commodities consumed (share in DES)*</b>						
1 - Flour of Maize	percent	39	40	36	0.5	-1.4
2 - Sugar Refined	percent	9	7	9	-5.0	2.1
3 - Flour of Wheat	percent	5	7	7	6.9	0.3
4 - Cow Milk, Whole, Fresh	percent	7	5	6	-4.9	1.8
5 - Beans, Dry	percent	2	6	5	22.8	-2.6
Share of cereals and roots & tubers in DES	percent	55	56	56	0.6	0.0
Share of oils and fats in DES	percent	9	9	8	1.3	-1.5
*ranked on the latest 3-year period						
<b>II. FOOD PRODUCTION INDICATORS</b>						
<b>Role of production to consumption by major commodity**</b>						
1 - Flour of Maize	percent	101	100	100	-0.2	0.0
2 - Sugar Refined	percent	110	92	84	-3.6	-1.1
3 - Flour of Wheat	percent	128	115	120	-2.0	0.5
4 - Cow Milk, Whole, Fresh	percent	111	110	109	-0.2	-0.2
5 - Beans, Dry	percent	460	81	106	-34.8	3.4
**ratio of production to consumption by major commodity						



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<b>III. FOOD TRADE INDICATORS</b>						
<b>Foreign Food Trade</b>						
<u>Exports</u>						
Total merchandise	MLN US\$	1216	2042	2797	10.4	3.9
Share of food (1) in total merchandise value	percent	13.9	13.8	14.7	-0.1	0.7
Share in total DES production	percent	4.1	4.0	2.6	-0.8	-5.4
<u>Imports</u>						
Total merchandise	MLN US\$	1988	3124	4876	9.0	5.6
Share of food (1) in total merchandise value	percent	11.0	12.3	8.7	2.3	-4.2
Share in total DES production	percent	10.0	13.7	15.6	6.3	1.6
Role of imports to consumption by major commodity***						
1 - Flour of Maize	percent	0	0	0	52.5	11.7
2 - Sugar Refined	percent	2	3	12	13.5	16.4
3 - Flour of Wheat	percent	3	4	1	5.7	-14.2
4 - Cow Milk, Whole, Fresh	percent	0	0	0		-5.4
5 - Beans, Dry	percent	12	3	3	-24.4	-2.2
***ratio of imports to consumption by major commodity						
<b>Food Aid Received</b>						
Cereal aid shipments	1000 MT	139	59	102	-17.3	6.9
Share of food aid in total dietary energy supply (DES)	percent	2.9	1.2	1.8	-17.9	5.2
<b>IV. MACRO AND SOCIO ECONOMIC INDICATORS</b>						
<b>Population</b>						
Total population	1000	24233	28148	34685	3.0	2.6
Density	Inh/sq Km	43	50	61	3.0	2.6
Share of urban in total population	percent	18	19	21	0.8	0.9
Age dependency ratio (per 100 persons aged 15-64)	ratio	103.5	93.4	83.4	-2.0	-1.4
<b>Macro economic aggregates</b>						
GDP at market prices (constant 2000 US\$)	MLN US\$	10616	11743	14371	2.0	2.5
Share of agriculture value added in total GDP	percent	29	31	28	1.4	-1.2
<b>Poverty (last year available) (%of population)</b>						
National (Poverty headcount) * Year 1997 only.	percent			52.0		
Rural (Poverty headcount) * Year 1997 only.	percent			53.0		
Urban (Poverty headcount) * Year 1997 only.	percent					
<b>Inequality in Access to Food and to Income</b>						
Gini of income * Year 2006 only.	percent			51.8		
Gini of dietary energy consumption * Year 1995 only.	percent			14.2		
Share of food in total expenditure	percent					
Consumer price index (Base=2000) - Nairobi (Low income group)	percent	29.0	78.0	133.0	19.7	6.8
Consumer food price index (Base=2000) - Nairobi (Low income group)	percent	29.0	79.0	144.0	20	7.4
<b>Literacy rate</b>						
Adult female (% of females ages 15 and above) * Year 2000 only.	percent			73.6		
Adult male (% of males ages 15 and above) * Year 2000 only.	percent			77.7		
Adult total (% of people ages 15 and above) * Year 2000 only.	percent			70.2		



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### V. AGRICULTURE INDICATORS

#### Agricultural inputs

Total labour force	1000	11700	14034	17681	3.6	2.9
Share of agricultural labour force (2) in total labour force	percent	79.2	77.2	73.6	-0.5	-0.6
Share of female in agricultural labour force	percent	49.6	49.6	49.4	0.0	-0.1

#### Land

Arable land	1000 HA	5606.3	5454	5656	-0.5	0.5
Share of irrigated in total arable land	percent	1.1	1.3	1.8	4.3	3.9

#### Inputs

Fertilizer use/Arable land	kg nutr./HA			36.4		
Tractors / Arable land	no/1000 HA	1.8	2.1	1.5	2.7	-3.8

#### Investments in agriculture

Agricultural support estimate for OECD countries	US\$ billion					
External assistance to agriculture	Const.US\$/agric.worker	31.3	6.2	8.5	-32.5	4.1
Agriculture, value added per worker	Const. 2000US\$	334.2	298.8	332.5	-2.2	1.3

### VI. HEALTH, NUTRITIONAL AND SANITATION INDICATORS

#### Child Nutritional Status

Stunting, less than - 2 s.d * Year 2003 only.	percent			30.3		
Overweight, more than + 2 s.d * Year 2003 only.	percent			5.8		

#### Adult Nutritional Status

Underweight	percent					
Obesity	percent					

#### Health and Sanitation

Life expectancy at birth	years	59	55	53	-1.4	-0.6
Under-five mortality rate * Year 2007 only.	per 1000 live births			121		
Infant mortality rate (0-1 year) * Year 2007 only.	per 1000 live births			80		
Access to safe water * Year 2006 only.	percent			57		
Access to adequate sanitation * Year 2006 only.	percent			42		
Maternal mortality ratio * Year 2005 only.	per 10 <sup>5</sup> live births			560		

Notes: (1) Crops & livestock products; (2) Includes fishing, forestry & hunting.