



Country Profile: Food Security Indicators

Country: South Africa

		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	-	-	-	-	na	na	na
Number of undernourished	millions	ns	ns	ns	ns	na	na	na
Food deficit of undernourished population	kcal/person/day	150	160	150	150	0.6	-0.5	-0.5
Food Needs								
Minimum dietary energy requirement (MDER)	kcal/person/day	1850	1870	1890	1900	0.2	0.1	0.1
Average dietary energy requirement (ADER)	kcal/person/day	2330	2360	2390	2400	0.3	0.2	0.1
Food Supply for Human Consumption								
Dietary energy supply (DES)	kcal/person/day	2820	2810	2900	3000	-0.1	0.6	0.5
Total protein consumption	g/person/day	73.7	72.9	75.7	80.6 *	-0.2	0.8	1.3 *
Animal protein consumption	g/person/day	26.0	25.2	25.8	30.2 *	-0.6	0.5	4.0 *
Fat consumption	g/person/day	66.6	70.1	75.0	81.4 *	1.0	1.4	1.6 *
Diet Composition (Share in DES):								
Carbohydrate	percent	68.3	67.2	66.3	64.7 *	-0.3	-0.3	-0.5 *
Total protein	percent	10.5	10.4	10.4	10.8 *	-0.2	0.1	0.7 *
Animal protein	percent	3.7	3.6	3.6	4.0 *	-0.6	-0.2	2.6 *
Fat	percent	21.3	22.4	23.3	24.5 *	1.1	0.7	1.1 *
Major food commodities consumed (share in DES) *								
1 - Flour of maize	percent	32.9	31.7	32.9	30.4 *	-0.7	0.8	-1.6 *
2 - Flour of wheat	percent	15.4	16.7	15.7	15.7 *	1.6	-1.2	0.0 *
3 - Sugar, refined	percent	12.2	11.3	10.3	9.1 *	-1.6	-1.8	-2.5 *
4 - Rice, milled	percent	2.1	3.4	4.2	5.5 *	10.3	4.1	5.4 *
5 - Oil of sunflower seed	percent	5.1	6.3	6.5	4.3 *	4.1	0.6	-8.2 *
Share of cereals and roots & tubers in DES	percent	55.0	56.0	56.8	55.6 *	0.4	0.3	-0.4 *
Share of oils and fats in DES	percent	8.7	10.4	11.6	11.9 *	3.6	2.2	0.6 *
*ranked on the latest 3-year period								
II. FOOD PRODUCTION INDICATORS								
Role of production to consumption by major commodity**								
1 - Flour of maize	percent	101.5	103.2	103.1	104.3 *	0.3	0.0	0.2 *
2 - Flour of wheat	percent	105.0	106.1	104.2	101.2 *	0.2	-0.4	-0.6 *
3 - Sugar, refined	percent	109.2	126.0	121.6	109.9 *	2.9	-0.7	-2.0 *
4 - Rice, milled	percent	0.8	0.6	0.6	1.9 *	-8.3	2.2	22.3 *
5 - Oil of sunflower seed	percent	82.3	76.8	85.7	70.9 *	-1.4	2.2	-3.8 *
**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\$	23630	28683	29568	69812	3.9	0.6	14.3
Share of food (1) in total merchandise value	percent	5.3	6.0	5.2	4.3	2.3	-2.7	-3.4
Share in total DES production	percent	15.3	20.3	16.8	14.6	5.7	-3.7	-2.4
<u>Imports</u>								
Total merchandise	MLN US\$	17676	28372	29001	87764	9.5	0.4	18.5
Share of food (1) in total merchandise value	percent	4.6	4.5	3.0	3.2	-0.7	-8.3	1.1
Share in total DES production	percent	25.0	22.6	18.1	31.2	-2.0	-4.5	10.9
Net food trade (Food exp.-Food imp.) in total GDP	percent	0.4	0.3	0.6	0.1	-3.9	12.8	-33.5
Role of imports to consumption by major commodity***								
1 - Flour of maize	percent	0.2	0.1	0.0	0.2 *	-21.7	-71.8	97.2 *
2 - Flour of wheat	percent	0.4	0.0	0.1	0.4 *	-48.2	17.4	31.3 *
3 - Sugar, refined	percent	0.3	1.2	0.5	0.5 *	30.4	-18.0	1.0 *
4 - Rice, milled	percent	104.7	110.8	110.9	101.2 *	1.1	0.0	-1.8 *
5 - Oil of sunflower seed	percent	28.9	59.5	22.5	41.6 *	14.4	-19.4	12.3 *
***ratio of imports to consumption by major commodity								
Food Aid Received								
Cereal aid shipments	1000 MT				missing			
Share of food aid in total dietary energy supply (DES)	percent	0.0	0.0	0.0	na	-82.0	96.1	na
IV. MACRO AND SOCIO ECONOMIC INDICATORS								
Population								
Total population	1000	37659	42144	45535	49160	2.3	1.5	1.3
Density	Inh/sq Km	31	35	37	40	2.3	1.5	1.3
Share of urban in total population	percent	52.6	55.0	57.4	60.3	0.9	0.9	0.8
Age dependency ratio (per 100 persons aged 15-64)	ratio	71.1	63.6	58.5	54.6	-2.2	-1.7	-1.2
Macro economic aggregates								
GDP at market prices (constant 2000 US\$)	MLN US\$	109409	120203	136970	177771	1.9	2.6	4.3
Share of agriculture value added in total GDP	percent	4.3	4.0	3.6	3.2	-1.5	-2.0	-2.4
Workers' remittances and compensation of employees, received (in total GDP)	percent	0.1	0.1	0.3	0.3	-2.7	20.3	2.1
Net official development assistance received (in total GDP)	percent		0.3	0.4	0.3		6.7	-3.3
Foreign direct investment, net (BoP, current US\$) (in total GDP)	percent	-0.5	0.0	3.7	1.0		148.3	-21.4
Current account balance (in total GDP)	percent	1.4	-1.4	0.3	-6.5			
Total reserves in months of imports	no. months	1.4	1.3	2.4	3.3	-0.9	12.2	5.1
Cash surplus/deficit (in total GDP)	percent			-1.5	0.5			



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<i>annual change</i>								
Poverty (last year available) (%of population)								
National (Poverty headcount) - 2006	percent				23.0			
Rural (Poverty headcount)	percent							
Urban (Poverty headcount)	percent							
Inequality in Access to Food and to Income								
Gini of income - 2000	percent				58.0			
Gini of dietary energy consumption - 1993	percent				12.5			
Share of food in total expenditure - 2005	percent				17.8			
Consumer price index (Base=2000)	percent	49.0	77.8	105.7	143.5	9.3	6.1	5.1
Consumer food price index (Base=2000) - Index base: 2008 = 100.	percent	43.4	76.1	105.4	163.1	11.2	6.5	7.3
Literacy rate								
Adult female (% of females aged 15 and above) - 2007	percent				88.7			
Adult male (% of males aged 15 and above) - 2007	percent				90.7			
Adult both sexes (% of people aged 15 and above) - 2007	percent				87.0			
V. AGRICULTURE INDICATORS								
Agricultural inputs								
Total labour force	1000	14701	17268	19359	20634	3.2	2.3	1.1
Share of agricultural labour force (2) in total labour force	percent	10.9	9.1	7.6	6.2	-3.7	-3.7	-3.2
Share of female in agricultural labour force	percent	31.4	31.2	30.6	30.1	-0.2	-0.4	-0.3
Land								
Arable land & permanent crops	1000 HA	14600	15792	15712	15450	1.6	-0.1	-0.3
Share of irrigated in total arable land	percent	8.3	9.0	9.5	9.7	3.1	1.1	0.0
Agricultural Production (1) - Major Items *								
1 - Indigenous cattle meat	1000 MT	626	464	566	782	-6.0	4.0	5.4
2 - Maize	1000 MT	7024	8391	9760	8920	3.6	3.0	-1.5
3 - Indigenous chicken meat	1000 MT	512	645	880	973	4.6	6.2	1.7
4 - Grapes	1000 MT	1348	1404	1435	1787	0.8	0.4	3.7
5 - Cow milk, whole (fresh)	1000 MT	2408	2761	2661	3079	2.7	-0.7	2.4
Major Exports (1) (share in Agriculture) *								
1 - Wine	percent	1.7	7.9	11.4	14.7	30.3	7.3	4.3
2 - Oranges	percent	6.7	6.0	5.9	8.6	-2.3	-0.4	6.3
3 - Grapes	percent	3.6	4.6	6.3	6.7	5.0	6.3	0.9
4 - Maize	percent	7.1	11.1	4.3	5.3	8.9	-18.8	3.4
5 - Sugar, raw centrifugal	percent	8.4	4.6	7.7	4.7	-11.9	10.2	-8.3



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Major Imports (1) (share in Agriculture) *								
1 - Rice, milled	percent	5.5	7.3	9.2	7.8	5.5	4.7	-2.7
2 - Wheat	percent	6.7	7.4	5.0	6.8	2.0	-7.7	5.0
3 - Beverages, dist. alcoholic	percent	7.0	5.2	5.1	5.9	-6.0	0.0	2.3
4 - Cake of soybeans	percent	1.5	2.8	6.0	5.5	12.3	15.5	-1.6
5 - Oil of soybeans	percent	0.1	0.6	2.0	5.0	30.3	24.4	15.7
*ranked on the latest 3-year period								
Inputs								
Fertilizer use/Arable land	kg nutr./HA	na	na	53.4	49.1			-1.4
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\$	2149.3	2233.9	2705.4	3316.4	0.8	3.8	3.4



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VI. HEALTH, NUTRITIONAL AND SANITATION INDICATORS								
Child Nutritional Status								
Stunting, less than - 2 s.d	percent							
Overweight, more than + 2 s.d	percent							
Adult Nutritional Status								
Underweight - both sexes - 2006	percent							
Underweight - males - 2006	percent							
Underweight - females - 2006	percent							
Obesity - both sexes - 2006	percent				16.0			
Obesity - males - 2006	percent							
Obesity - females - 2006	percent							
Health and Sanitation								
Life expectancy at birth - both sexes	years	61	59	54	51	-0.8	-1.9	-0.9
Life expectancy at birth - males	years	58	56	52	50	-0.7	-1.6	-0.5
Life expectancy at birth - females	years	65	62	56	52	-0.9	-2.1	-1.2
Under-five mortality rate - 2009	per 1000 live births				62			
Infant mortality rate (0-1 year) - 2009	per 1000 live births				43			
Access to safe water - 2009	percent				43.1			
Access to adequate sanitation - 2008	percent				77.0			
Maternal mortality ratio - 2008	per 10 ⁵ live births				410			

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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