



Country Profile: Food Security Indicators

Country: Guatemala

		1990-92	1995-97	2003-05	1990-92 to 1995-97 (%)	1995-97 to 2003-05 (%)	annual change
I. FOOD DEPRIVATION AND CONSUMPTION INDICATORS							
Food Deprivation							
Proportion of undernourishment	percent	14	17	16	3.7	-0.6	
Number of undernourished	millions	1.3	1.7	2.0	6.0	1.8	
Food deficit of undernourished population	kcal/person/day	200	210	210	0.8	-0.1	
Food Needs							
Minimum dietary energy requirement (MDER)	kcal/person/day	1680	1680	1690	0.0	0.1	
Average dietary energy requirement (ADER)	kcal/person/day	2090	2090	2110	0.0	0.1	
Food Supply for Human Consumption							
Dietary energy supply (DES)	kcal/person/day	2310	2240	2270	-0.7	0.2	
Total protein consumption	g/person/day	59	57	57	-0.5	-0.1	
Animal protein consumption	g/person/day	11	14	14	4.7	0.8	
Fat consumption	g/person/day	42	43	53	0.2	2.8	
Diet Composition (Share in DES):							
Carbohydrate	percent	73	73	69	-0.2	-0.7	
Total protein	percent	10	10	10	0.1	-0.3	
Animal protein	percent	2	2	3	5.4	0.7	
Fat	percent	16	17	21	0.8	2.7	
Major food commodities consumed (share in DES)*							
1 - Flour of Maize	percent	47	45	40	-1.0	-1.3	
2 - Sugar Refined	percent	16	17	16	0.6	-0.4	
3 - Flour of Wheat	percent	8	9	8	3.3	-2.0	
4 - Oil of Soya Beans	percent	2	1	6	-7.1	18.7	
5 - Beans, Dry	percent	5	3	3	-9.5	-0.2	
Share of cereals and roots & tubers in DES	percent	58	57	53	-0.4	-0.9	
Share of oils and fats in DES	percent	6	6	9	-1.1	5.5	
*ranked on the latest 3-year period							
II. FOOD PRODUCTION INDICATORS							
Role of production to consumption by major commodity**							
1 - Flour of Maize	percent	100	101	100	0.1	-0.1	
2 - Sugar Refined	percent	100	127	161	4.9	3.0	
3 - Flour of Wheat	percent	100	102	111	0.6	1.0	
4 - Oil of Soya Beans	percent	41	45	10	1.8	-18.3	
5 - Beans, Dry	percent	108	112	106	0.8	-0.8	
**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\$	1220	2180	3014	11.6	4.1
Share of food (1) in total merchandise value	percent	35.1	32.1	31.9	-1.8	-0.1
Share in total DES production	percent	15.8	20.8	23.3	5.5	1.5
<u>Imports</u>						
Total merchandise	MLN US\$	1988	3384	7780	10.6	10.4
Share of food (1) in total merchandise value	percent	9.0	10.5	10.0	2.9	-0.5
Share in total DES production	percent	9.7	11.2	19.1	2.9	6.7
Role of imports to consumption by major commodity***						
1 - Flour of Maize	percent	0	0	2	54.5	19.6
2 - Sugar Refined	percent	0	0	0		17.3
3 - Flour of Wheat	percent	3	1	8	-17.0	24.1
4 - Oil of Soya Beans	percent	59	55	96	-1.3	6.8
5 - Beans, Dry	percent	4	3	10	-6.1	16.4
***ratio of imports to consumption by major commodity						
Food Aid Received						
Cereal aid shipments	1000 MT	186	47	59	-27.4	2.7
Share of food aid in total dietary energy supply (DES)	percent	9.1	2.5	3.3	-25.9	3.6
IV. MACRO AND SOCIO ECONOMIC INDICATORS						
Population						
Total population	1000	9118	10237	12399	2.3	2.4
Density	Inh/sq Km	85	96	116	2.3	2.4
Share of urban in total population	percent	42	44	47	0.9	0.9
Age dependency ratio (per 100 persons aged 15-64)	ratio	94.1	94.0	90.9	0.0	-0.4
Macro economic aggregates						
GDP at market prices (constant 2000 US\$)	MLN US\$	13418	16443	21700	4.1	3.5
Share of agriculture value added in total GDP	percent	26	24	13	-1.3	-7.8
Poverty (last year available) (%of population)						
National (Poverty headcount) * Year 2000 only.	percent			56.2		
Rural (Poverty headcount) * Year 2000 only.	percent			74.5		
Urban (Poverty headcount) * Year 2000 only.	percent					
Inequality in Access to Food and to Income						
Gini of income * Year 2007 only.	percent			55.1		
Gini of dietary energy consumption * Year 1989 only.	percent			14.9		
Share of food in total expenditure * Year 1998 only.	percent			37.1		
Consumer price index (Base=2000) - Guatemala city	percent	45.0	77.0	132.0	10.5	6.7
Consumer food price index (Base=2000) - Guatemala city	percent	49.0	84.0	142.0	11	6.6
Literacy rate						
Adult female (% of females ages 15 and above) * Year 2007 only.	percent			73.2		
Adult male (% of males ages 15 and above) * Year 2007 only.	percent			79.0		
Adult total (% of people ages 15 and above) * Year 2007 only.	percent			68.0		



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V. AGRICULTURE INDICATORS

Agricultural inputs

Total labour force	1000	3145	3566	4502	2.5	2.9
Share of agricultural labour force (2) in total labour force	percent	51.7	48.2	42.7	-1.4	-1.5
Share of female in agricultural labour force	percent	7.3	8.0	9.0	1.9	1.5

Land

Arable land	1000 HA	1785	1913	2368	1.4	2.7
Share of irrigated in total arable land	percent	6.8	6.8	5.5	0.1	-2.6

Inputs

Fertilizer use/Arable land	kg nutr./HA			81.1		
Tractors / Arable land	no/1000 HA	2.4	2.2	1.2	-1.1	-7.7

Investments in agriculture

Agricultural support estimate for OECD countries	US\$ billion					
External assistance to agriculture	Const.US\$/agric.worker	29.3	39.2	38.5	5.8	-0.2
Agriculture, value added per worker	Const. 2000US\$	2119.6	2306.8	2623.1	1.7	1.6

VI. HEALTH, NUTRITIONAL AND SANITATION INDICATORS

Child Nutritional Status

Stunting, less than - 2 s.d * Year 2002 only.	percent			49.3		
Overweight, more than + 2 s.d * Year 2002 only.	percent			5.6		

Adult Nutritional Status

Underweight	percent					
Obesity	percent					

Health and Sanitation

Life expectancy at birth	years	63	66	70	0.9	0.7
Under-five mortality rate * Year 2007 only.	per 1000 live births			39		
Infant mortality rate (0-1 year) * Year 2007 only.	per 1000 live births			29		
Access to safe water * Year 2006 only.	percent			96		
Access to adequate sanitation * Year 2006 only.	percent			84		
Maternal mortality ratio * Year 2005 only.	per 10 ⁵ live births			290		

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