



Country Profile: Food Security Indicators

Country: Canada

		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	130	120	110	110	-1.9	-1.5	0.0
Food Needs								
Minimum dietary energy requirement (MDER)	kcal/person/day	1930	1940	1950	1950	0.0	0.1	0.0
Average dietary energy requirement (ADER)	kcal/person/day	2490	2490	2510	2520	0.0	0.2	0.1
Food Supply for Human Consumption								
Dietary energy supply (DES)	kcal/person/day	3050	3280	3520	3530	1.5	1.4	0.1
Total protein consumption	g/person/day	96.2	99.1	106.0	104.5 *	0.6	1.3	-0.3 *
Animal protein consumption	g/person/day	57.6	56.4	60.1	58.0 *	-0.4	1.3	-0.9 *
Fat consumption	g/person/day	129.9	138.1	145.9	145.4 *	1.2	1.1	-0.1 *
Diet Composition (Share in DES):								
Carbohydrate	percent	49.0	50.1	50.6	51.1 *	0.4	0.2	0.2 *
Total protein	percent	12.6	12.1	12.0	11.8 *	-0.9	0.0	-0.3 *
Animal protein	percent	7.6	6.9	6.8	6.6 *	-1.9	-0.1	-0.8 *
Fat	percent	38.3	37.9	37.3	37.1 *	-0.3	-0.3	-0.1 *
Major food commodities consumed (share in DES) *								
1 - Flour of wheat	percent	16.8	17.5	17.7	17.6 *	0.9	0.2	-0.2 *
2 - Sugar, refined	percent	12.9	12.4	11.7	11.6 *	-0.8	-1.3	-0.1 *
3 - Oil of rapeseed	percent	6.0	7.9	7.4	7.5 *	5.6	-1.2	0.1 *
4 - Hydrogenated oils and fats	percent	2.8	4.2	3.8	3.8 *	7.7	-1.8	0.0 *
5 - Chicken meat	percent	3.0	3.1	3.5	3.6 *	1.0	2.4	0.2 *
Share of cereals and roots & tubers in DES	percent	25.6	27.3	28.3	28.4 *	1.3	0.8	0.0 *
Share of oils and fats in DES	percent	20.8	21.5	21.1	21.1 *	0.7	-0.4	0.0 *
*ranked on the latest 3-year period								
II. FOOD PRODUCTION INDICATORS								
Role of production to consumption by major commodity**								
1 - Flour of wheat	percent	119.9	115.6	119.8	114.8 *	-0.7	0.7	-0.9 *
2 - Sugar, refined	percent	92.7	98.4	99.5	106.0 *	1.2	0.2	1.3 *
3 - Oil of rapeseed	percent	333.2	384.4	333.0	417.2 *	2.9	-2.9	4.5 *
4 - Hydrogenated oils and fats	percent	319.3	210.9	195.3	178.4 *	-8.3	-1.5	-1.8 *
5 - Chicken meat	percent	94.7	98.8	97.8	98.6 *	0.8	-0.2	0.2 *
**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\$	129986	202841	263196	421570	8.9	5.2	7.9
Share of food (1) in total merchandise value	percent	6.1	5.6	5.1	6.2	-1.8	-1.8	3.4
Share in total DES production	percent	48.0	45.4	50.7	53.6	-1.1	2.2	0.9
<u>Imports</u>								
Total merchandise	MLN US\$	119193	177325	227907	386167	7.9	5.0	8.8
Share of food (1) in total merchandise value	percent	4.5	3.8	3.8	4.0	-3.4	-0.1	0.9
Share in total DES production	percent	6.4	8.3	15.5	12.4	5.3	12.4	-4.4
Net food trade (Food exp.-Food imp.) in total GDP	percent	0.4	0.7	0.6	0.8	10.8	-2.5	2.7
Role of imports to consumption by major commodity***								
1 - Flour of wheat	percent	0.5	1.2	1.6	4.5 *	16.7	5.2	20.5 *
2 - Sugar, refined	percent	10.6	3.9	3.7	3.8 *	-19.8	-1.4	0.7 *
3 - Oil of rapeseed	percent	0.6	14.8	16.8	22.2 *	63.6	2.6	5.6 *
4 - Hydrogenated oils and fats	percent	4.9	7.0	16.9	32.1 *	7.3	17.6	12.8 *
5 - Chicken meat	percent	5.9	6.7	9.8	11.8 *	2.7	7.5	3.8 *
***ratio of imports to consumption by major commodity								
Food Aid Received								
Cereal aid shipments	1000 MT							
Share of food aid in total dietary energy supply (DES)	percent							
IV. MACRO AND SOCIO ECONOMIC INDICATORS								
Population								
Total population	1000	28046	29581	30998	32944	1.1	0.9	1.0
Density	Inh/sq Km	3	3	3	4	1.1	0.9	1.0
Share of urban in total population	percent	76.7	78.0	79.7	80.3	0.3	0.4	0.1
Age dependency ratio (per 100 persons aged 15-64)	ratio	47.2	47.7	46.0	43.8	0.2	-0.7	-0.8
Macro economic aggregates								
GDP at market prices (constant 2000 US\$)	MLN US\$	537614	606921	740732	859033	2.4	4.0	2.5
Share of agriculture value added in total GDP	percent	2.8	2.8	2.2	1.6	0.2	-4.6	-5.2
Workers' remittances and compensation of employees, received (in total GDP)	percent							
Net official development assistance received (in total GDP)	percent							
Foreign direct investment, net (BoP, current US\$) (in total GDP)	percent	0.0	-0.9	0.4	1.2			18.8
Current account balance (in total GDP)	percent	-3.6	-0.5	2.2	0.9	-39.8		-15.3
Total reserves in months of imports	no. months	1.3	0.9	1.3	0.9	-7.6	7.9	-6.7
Cash surplus/deficit (in total GDP)	percent	-5.2	-1.6	1.7	1.4	-23.4		-3.9



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Poverty (last year available) (%of population)								
National (Poverty headcount)	percent							
Rural (Poverty headcount)	percent							
Urban (Poverty headcount)	percent							
Inequality in Access to Food and to Income								
Gini of income - 2000	percent				33.0			
Gini of dietary energy consumption - 1994	percent				11.2			
Share of food in total expenditure - 2008	percent				17.5			
Consumer price index (Base=2000)	percent	86.8	93.2	102.6	116.9	1.4	1.9	2.2
Consumer food price index (Base=2000)	percent	89.4	94.4	104.5	119.9	1.1	2.0	2.3
Literacy rate								
Adult female (% of females aged 15 and above)	percent							
Adult male (% of males aged 15 and above)	percent							
Adult both sexes (% of people aged 15 and above)	percent							

V. AGRICULTURE INDICATORS

Agricultural inputs								
Total labour force	1000	14985	15975	16890	17938	1.3	1.1	1.0
Share of agricultural labour force (2) in total labour force	percent	3.2	2.6	2.2	1.9	-4.3	-2.9	-2.5
Share of female in agricultural labour force	percent	33.2	37.8	43.0	49.4	2.6	2.5	2.3
Land								
Arable land & permanent crops	1000 HA	51858.7	52377	52136	52149	0.2	-0.1	0.0
Share of irrigated in total arable land	percent	1.4	1.4	1.5	1.6	0.0	2.0	1.2
Agricultural Production (1) - Major Items *								
1 - Wheat	1000 MT	31307	26357	21042	24644	-3.4	-4.5	2.6
2 - Indigenous pig meat	1000 MT	1210	1462	2173	2748	3.8	7.9	3.9
3 - Rapeseed	1000 MT	3788	5964	5581	10415	9.1	-1.3	10.4
4 - Indigenous cattle meat	1000 MT	1180	1417	1574	1495	3.7	2.1	-0.9
5 - Cow milk, whole (fresh)	1000 MT	7799	7970	8077	8109	0.4	0.3	0.1
Major Exports (1) (share in Agriculture) *								
1 - Wheat	percent	33.8	22.3	14.2	15.7	-8.3	-9.1	1.7
2 - Rapeseed	percent	4.7	6.3	4.5	8.0	6.0	-6.8	9.7
3 - Pork	percent	2.9	3.6	5.4	5.3	3.7	8.3	-0.3
4 - Food preparations NES	percent	1.3	1.9	3.2	3.9	7.3	10.9	3.2
5 - Oil of rapeseed	percent	1.2	2.2	1.4	3.8	11.6	-9.4	17.0



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Major Imports (1) (share in Agriculture) *								
1 - Food preparations NES	percent	4.2	5.4	5.9	6.9	5.0	1.7	2.4
2 - Wine	percent	4.0	3.8	4.9	6.4	-0.7	5.0	4.4
3 - Crude organic materials NES	percent	3.9	3.8	4.0	3.1	-0.4	0.7	-4.2
4 - Chocolate products NES	percent	2.5	2.5	2.6	2.7	0.7	0.1	0.6
5 - Beverages, dist. alcoholic	percent	2.4	2.0	2.2	2.6	-3.1	1.9	2.8
*ranked on the latest 3-year period								
Inputs								
Fertilizer use/Arable land	kg nutr./HA	na	na	50.5	46.9			-1.3
Investments in agriculture								
Agricultural support estimate for OECD countries	US\$ billion	8582.7	5136.8	5795.6	9113.8	-10.3	2.4	7.5
External assistance to agriculture	Const.US\$/agric.worker	na	na	na	na	na	na	na
Agriculture, value added per worker	Const. 2000US\$	28542.3	34003.2	37543.5	46983.1	3.5	2.0	3.7



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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 - 2004	percent							
Underweight - males - 2004	percent							
Underweight - females - 2004	percent							
Obesity - both sexes - 2004	percent				23.1			
Obesity - males - 2004	percent				22.9			
Obesity - females - 2004	percent				23.2			
Health and Sanitation								
Life expectancy at birth - both sexes	years	77	78	79	81	0.2	0.3	0.3
Life expectancy at birth - males	years	75	75	77	79	0.2	0.4	0.3
Life expectancy at birth - females	years	80	81	82	83	0.2	0.2	0.2
Under-five mortality rate - 2009	per 1000 live births				6			
Infant mortality rate (0-1 year) - 2009	per 1000 live births				5			
Access to safe water - 2009	percent				5.3			
Access to adequate sanitation - 2008	percent				100.0			
Maternal mortality ratio - 2008	per 10 ⁵ live births				12			

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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