



## Country Profile: Food Security Indicators

Country: Lebanon

		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>								
<b>I. FOOD DEPRIVATION AND CONSUMPTION INDICATORS</b>								
<b>Food Deprivation</b>								
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	160	160	160	170	0.4	-0.2	0.5
<b>Food Needs</b>								
Minimum dietary energy requirement (MDER)	kcal/person/day	1820	1840	1850	1880	0.2	0.1	0.3
Average dietary energy requirement (ADER)	kcal/person/day	2300	2330	2350	2410	0.3	0.1	0.4
<b>Food Supply for Human Consumption</b>								
Dietary energy supply (DES)	kcal/person/day	3010	3010	3070	3090	0.0	0.4	0.1
Total protein consumption	g/person/day	75.8	80.3	83.3	83.5 *	1.2	0.7	0.0 *
Animal protein consumption	g/person/day	23.2	29.3	31.5	33.4 *	4.7	1.5	1.5 *
Fat consumption	g/person/day	98.5	97.9	109.7	109.3 *	-0.1	2.3	-0.1 *
<b>Diet Composition (Share in DES):</b>								
Carbohydrate	percent	60.5	60.1	57.0	57.6 *	-0.1	-1.1	0.2 *
Total protein	percent	10.1	10.7	10.9	10.8 *	1.1	0.4	-0.2 *
Animal protein	percent	3.1	3.9	4.1	4.3 *	4.7	1.1	0.9 *
Fat	percent	29.4	29.2	32.2	31.7 *	-0.1	1.9	-0.3 *
<b>Major food commodities consumed (share in DES) *</b>								
1 - Flour of wheat	percent	28.8	27.9	28.0	28.1 *	-0.6	0.0	0.1 *
2 - Sugar, refined	percent	10.8	10.0	9.9	10.5 *	-1.4	-0.1	1.0 *
3 - Oil of soybeans	percent	7.6	7.2	7.2	7.0 *	-1.1	-0.1	-0.6 *
4 - Potatoes	percent	3.1	3.8	3.7	6.0 *	4.1	-0.9	10.0 *
5 - Rice, milled	percent	3.0	2.8	3.3	3.3 *	-1.1	3.0	0.1 *
Share of cereals and roots & tubers in DES	percent	37.3	37.9	38.2	40.3 *	0.3	0.1	1.1 *
Share of oils and fats in DES	percent	16.6	14.2	14.9	15.6 *	-3.0	1.0	0.9 *
*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 wheat	percent	101.6	113.2	106.7	104.8 *	2.1	-1.2	-0.4 *
2 - Sugar, refined	percent	32.0	37.4	21.1	10.4 *	3.1	-11.4	-14.1 *
3 - Oil of soybeans	percent	2.7	0.0	8.4	6.6 *	-153.9	176.5	-4.7 *
4 - Potatoes	percent	186.6	163.7	147.4	126.0 *	-2.6	-2.1	-3.1 *
5 - Rice, milled	percent				*			*
**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\$	554	854	883	3437	8.6	0.7	22.6
Share of food (1) in total merchandise value	percent	19.0	10.1	12.5	8.0	-12.7	4.3	-7.4
Share in total DES production	percent	12.1	9.9	13.4	22.7	-4.0	6.0	8.8
<u>Imports</u>								
Total merchandise	MLN US\$	3690	7438	6655	12801	14.0	-2.2	10.9
Share of food (1) in total merchandise value	percent	17.1	12.2	13.5	11.1	-6.8	2.1	-3.3
Share in total DES production	percent	192.4	188.3	211.5	210.8	-0.4	2.3	-0.1
Net food trade (Food exp.-Food imp.) in total GDP	percent	-12.3	-6.0	-4.4	-4.4	-14.4	-6.2	0.2
Role of imports to consumption by major commodity***								
1 - Flour of wheat	percent	17.8	4.1	4.8	0.7 *	-29.3	3.1	-39.0 *
2 - Sugar, refined	percent	111.8	82.8	97.6	101.8 *	-6.0	3.3	0.8 *
3 - Oil of soybeans	percent	100.7	100.6	102.2	88.0 *	0.0	0.3	-3.0 *
4 - Potatoes	percent	51.3	26.8	27.3	25.0 *	-13.0	0.3	-1.8 *
5 - Rice, milled	percent	150.4	144.7	109.0	107.4 *	-0.8	-5.7	-0.3 *
***ratio of imports to consumption by major commodity								
<b>Food Aid Received</b>								
Cereal aid shipments	1000 MT	18.5			na			
Share of food aid in total dietary energy supply (DES)	percent	4.3	0.6	6.0	na	-40.4	47.9	na
<b>IV. MACRO AND SOCIO ECONOMIC INDICATORS</b>								
<b>Population</b>								
Total population	1000	3062	3561	3835	4161	3.0	1.5	1.4
Density	Inh/sq Km	299	348	375	407	3.0	1.5	1.4
Share of urban in total population	percent	83.5	85.1	86.1	86.9	0.4	0.2	0.1
Age dependency ratio (per 100 persons aged 15-64)	ratio	67.7	61.5	58.3	50.6	-1.9	-1.0	-2.4
<b>Macro economic aggregates</b>								
GDP at market prices (constant 2000 US\$)	MLN US\$	11532	16498	17917	22652	7.2	1.7	3.9
Share of agriculture value added in total GDP	percent		7.3	6.8	6.9		-1.4	0.3
Workers' remittances and compensation of employees, received (in total GDP)	percent			13.3	23.4			9.4
Net official development assistance received (in total GDP)	percent	3.8	1.6	1.0	3.5	-16.9	-9.0	20.4
Foreign direct investment, net (BoP, current US\$) (in total GDP)	percent			7.4	9.9			4.8
Current account balance (in total GDP)	percent			-23.7	-8.3			-17.4
Total reserves in months of imports	no. months			11.5	10.7			-1.2
Cash surplus/deficit (in total GDP)	percent			-15.4	-10.6			-6.2



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<b>Poverty (last year available) (%of population)</b>								
National (Poverty headcount)	percent							
Rural (Poverty headcount)	percent							
Urban (Poverty headcount)	percent							
<b>Inequality in Access to Food and to Income</b>								
Gini of income	percent							
Gini of dietary energy consumption - 1997	percent				13.9			
Share of food in total expenditure - 2004	percent				22.7			
Consumer price index (Base=2000) - Beyrouth	percent	148.4	438.1	97.0	121.9	21.6	-30.2	3.8
Consumer food price index (Base=2000) - Beyrouth. Index base: 1990 = 100.	percent	142.8	379.3			19.5		
<b>Literacy rate</b>								
Adult female (% of females aged 15 and above) - 2007	percent				89.6			
Adult male (% of males aged 15 and above) - 2007	percent				93.4			
Adult both sexes (% of people aged 15 and above) - 2007	percent				86.0			

### V. AGRICULTURE INDICATORS

#### Agricultural inputs

Total labour force	1000	969	1205	1378	1586	4.5	2.6	2.4
Share of agricultural labour force (2) in total labour force	percent	6.9	4.8	3.3	2.1	-7.0	-7.6	-7.4
Share of female in agricultural labour force	percent	32.0	32.6	33.0	33.1	0.4	0.2	0.0

#### Land

Arable land & permanent crops	1000 HA	305.667	316	268	288	0.7	-3.3	1.2
Share of irrigated in total arable land	percent	28.1	27.8	33.6	31.3	0.5	0.4	0.0

#### Agricultural Production (1) - Major Items \*

1 - Indigenous chicken meat	1000 MT	57	65	109	133	2.5	10.5	3.3
2 - Tomatoes	1000 MT	218	316	251	301	7.4	-4.6	3.0
3 - Almonds	1000 MT	13	32	24	29	18.8	-6.0	3.3
4 - Potatoes	1000 MT	262	327	310	476	4.5	-1.1	7.2
5 - Cow milk, whole (fresh)	1000 MT	115	149	173	198	5.1	3.0	2.2

#### Major Exports (1) (share in Agriculture) \*

1 - Tobacco leaves	percent	1.9	8.7	14.6	8.2	30.5	10.4	-9.6
2 - Food preparations NES	percent	1.0	5.1	4.5	5.9	32.9	-2.2	4.4
3 - Beverages, non-alcoholic	percent	0.1	0.8	2.0	5.6	36.8	19.3	17.0
4 - Vegetables NES, preserved	percent	3.2	2.4	4.2	5.6	-5.6	11.1	4.8
5 - Sugar confectionery	percent	2.1	3.1	5.5	5.5	7.6	11.5	0.0



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<b>Major Imports (1) (share in Agriculture) *</b>								
1 - Cigarettes	percent	17.6	14.1	10.5	6.8	-4.4	-6.0	-7.2
2 - Wheat	percent	4.1	6.0	4.4	6.2	7.8	-6.0	5.5
3 - Beef and veal, boneless	percent	0.0	0.7	2.0	5.0		20.5	15.7
4 - Food preparations NES	percent	1.3	2.7	5.2	4.3	14.2	13.0	-3.2
5 - Maize	percent	1.9	3.8	2.8	3.9	13.8	-5.9	5.1
*ranked on the latest 3-year period								
<b>Inputs</b>								
Fertilizer use/Arable land	kg nutr./HA	na	na	173.7	126.0			-5.3
<b>Investments in agriculture</b>								
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\$	16690.4	23382.6	33574.1			6.7	6.0



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<b>VI. HEALTH, NUTRITIONAL AND SANITATION INDICATORS</b>								
<b>Child Nutritional Status</b>								
Stunting, less than - 2 s.d - 2004	percent				17.0			
Overweight, more than + 2 s.d - 2004	percent				16.7			
<b>Adult Nutritional Status</b>								
Underweight - both sexes - 2003-04	percent							
Underweight - males - 2003-04	percent							
Underweight - females - 2003-04	percent							
Obesity - both sexes - 2003-04	percent				13.5			
Obesity - males - 2003-04	percent							
Obesity - females - 2003-04	percent							
<b>Health and Sanitation</b>								
Life expectancy at birth - both sexes	years	69	70	71	72	0.3	0.2	0.2
Life expectancy at birth - males	years	67	68	69	70	0.4	0.2	0.2
Life expectancy at birth - females	years	71	72	73	74	0.3	0.2	0.3
Under-five mortality rate - 2009	per 1000 live births				12			
Infant mortality rate (0-1 year) - 2009	per 1000 live births				11			
Access to safe water - 2009	percent				11.1			
Access to adequate sanitation - 2005	percent				98.0			
Maternal mortality ratio - 2008	per 10 <sup>5</sup> live births				26			

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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