



## Country Profile: Food Security Indicators

Country: Malta

		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	1000	ns	ns	ns	ns	na	na	na
Food deficit of undernourished population	kcal/person/day	110	100	110	100	-1.4	0.2	-0.5
<b>Food Needs</b>								
Minimum dietary energy requirement (MDER)	kcal/person/day	1880	1890	1900	1910	0.1	0.1	0.1
Average dietary energy requirement (ADER)	kcal/person/day	2400	2420	2450	2470	0.1	0.2	0.2
<b>Food Supply for Human Consumption</b>								
Dietary energy supply (DES)	kcal/person/day	3240	3450	3470	3600	1.3	0.1	0.6
Total protein consumption	g/person/day	102.3	111.3	113.0	117.5 *	1.7	0.3	0.8 *
Animal protein consumption	g/person/day	54.2	59.8	59.1	61.3 *	2.0	-0.2	0.9 *
Fat consumption	g/person/day	112.4	112.9	111.3	114.7 *	0.1	-0.3	0.6 *
<b>Diet Composition (Share in DES):</b>								
Carbohydrate	percent	56.1	57.6	58.1	58.2 *	0.5	0.2	0.0 *
Total protein	percent	12.6	12.9	13.0	13.1 *	0.4	0.2	0.1 *
Animal protein	percent	6.7	6.9	6.8	6.8 *	0.7	-0.3	0.0 *
Fat	percent	31.3	29.4	28.9	28.7 *	-1.2	-0.4	-0.1 *
<b>Major food commodities consumed (share in DES) *</b>								
1 - Flour of wheat	percent	28.6	26.1	25.3	23.6 *	-1.8	-0.6	-1.4 *
2 - Sugar, refined	percent	14.7	14.3	13.6	13.5 *	-0.5	-1.0	-0.1 *
3 - Cheese from whole cow milk	percent	3.3	4.0	3.3	3.5 *	3.6	-3.9	1.1 *
4 - Cow milk, whole (fresh)	percent	3.0	3.5	4.1	3.4 *	3.2	2.8	-3.5 *
5 - Macaroni	percent	0.3	0.9	1.5	3.0 *	22.9	9.9	14.6 *
Share of cereals and roots & tubers in DES	percent	34.6	35.5	36.6	37.3 *	0.5	0.6	0.4 *
Share of oils and fats in DES	percent	14.9	12.3	11.2	10.6 *	-3.8	-1.9	-1.2 *
*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	103.6	104.8	106.4	74.5 *	0.2	0.3	-7.1 *
2 - Sugar, refined	percent	0.2	6.7	15.8	1.5 *	68.8	17.2	-46.6 *
3 - Cheese from whole cow milk	percent				*			*
4 - Cow milk, whole (fresh)	percent	120.9	142.8	149.4	147.4 *	3.3	0.9	-0.3 *
5 - Macaroni	percent	0.0	0.0	0.0	0.0 *			*
**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\$	1310	1615	2100	2899	4.2	5.3	5.4
Share of food (1) in total merchandise value	percent	1.6	1.5	1.9	2.5	-1.3	4.5	4.8
Share in total DES production	percent	17.3	12.5	16.7	60.4	-6.5	5.8	21.4
<u>Imports</u>								
Total merchandise	MLN US\$	2142	2691	2862	4509	4.6	1.2	7.6
Share of food (1) in total merchandise value	percent	7.5	7.8	7.2	9.0	0.8	-1.7	3.7
Share in total DES production	percent	584.4	506.2	545.9	611.0	-2.9	1.5	2.3
Net food trade (Food exp.-Food imp.) in total GDP	percent	-5.1	-5.1	-4.2	-4.4	0.3	-4.2	1.1
Role of imports to consumption by major commodity***								
1 - Flour of wheat	percent	10.1	14.3	15.4	6.7 *	6.8	1.6	-16.6 *
2 - Sugar, refined	percent	119.6	106.1	120.1	237.1 *	-2.4	2.5	13.6 *
3 - Cheese from whole cow milk	percent	113.8	111.3	111.8	111.2 *	-0.5	0.1	-0.1 *
4 - Cow milk, whole (fresh)	percent	0.7	0.1	0.1	2.8 *	-40.0	-4.7	73.1 *
5 - Macaroni	percent	102.9	100.0	100.4	103.7 *	-0.6	0.1	0.7 *
***ratio of imports to consumption by major commodity								
<b>Food Aid Received</b>								
Cereal aid shipments	1000 MT							
Share of food aid in total dietary energy supply (DES)	percent							
<b>IV. MACRO AND SOCIO ECONOMIC INDICATORS</b>								
<b>Population</b>								
Total population	1000	364	380	392	406	0.9	0.6	0.6
Density	Inh/sq Km	1137	1188	1224	1269	0.9	0.6	0.6
Share of urban in total population	percent	90.5	91.2	92.6	94.1	0.2	0.3	0.3
Age dependency ratio (per 100 persons aged 15-64)	ratio	51.2	49.9	46.9	43.2	-0.5	-1.2	-1.4
<b>Macro economic aggregates</b>								
GDP at market prices (constant 2000 US\$)	MLN US\$	2498	3216	3885	4405	5.1	3.8	2.1
Share of agriculture value added in total GDP	percent	3.3	2.9	2.6	2.4	-2.6	-1.6	-1.9
Workers' remittances and compensation of employees, received (in total GDP)	percent	1.6	0.5	0.5	0.6	-22.9	-1.4	4.3
Net official development assistance received (in total GDP)	percent	0.4	1.0	0.3		18.3	-24.2	
Foreign direct investment, net (BoP, current US\$) (in total GDP)	percent	2.0	3.6	3.4	14.8	12.5	-1.3	24.4
Current account balance (in total GDP)	percent	-0.5	-9.5	-4.6	-8.5	59.4	-14.5	10.3
Total reserves in months of imports	no. months	6.5	5.3	4.8	3.1	-4.2	-1.8	-7.2
Cash surplus/deficit (in total GDP)	percent				-3.3			



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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 - 1995	percent				11.3			
Share of food in total expenditure - 2008	percent				31.4			
Consumer price index (Base=2000)	percent	77.4	90.6	102.9	116.5	3.1	2.6	2.1
Consumer food price index (Base=2000)	percent	80.7	94.4	106.0	118.5	3.1	2.3	1.9
<b>Literacy rate</b>								
Adult female (% of females aged 15 and above) - 2005	percent				92.4			
Adult male (% of males aged 15 and above) - 2005	percent				91.2			
Adult both sexes (% of people aged 15 and above) - 2005	percent				93.5			

## V. AGRICULTURE INDICATORS

### Agricultural inputs

Total labour force	1000	134	143	151	162	1.4	1.0	1.2
Share of agricultural labour force (2) in total labour force	percent	2.4	2.0	1.6	1.2	-4.1	-4.1	-4.5
Share of female in agricultural labour force	percent	11.4	11.8	12.3	12.3	0.7	0.8	0.0

### Land

Arable land & permanent crops	1000 HA	13	11	10	9	-4.0	-2.0	-0.7
Share of irrigated in total arable land	percent	7.7	15.6	20.7	33.8	10.2	3.6	7.5

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

1 - Indigenous pig meat	1000 MT	8	9	10	8	2.1	1.5	-2.9
2 - Cow milk, whole (fresh)	1000 MT	25	37	46	41	7.9	4.4	-2.2
3 - Indigenous chicken meat	1000 MT	4	5	6	4	5.0	2.9	-6.0
4 - Hen eggs	1000 MT	7	7	5	8	-0.8	-4.4	5.9
5 - Tomatoes	1000 MT	20	29	17	16	7.9	-10.2	-1.7

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

1 - Food preparations NES	percent	22.8	53.3	43.7	65.3	17.0	-4.0	6.7
2 - Food preparations of flour, meal or malt extract	percent	0.0	0.0	0.0	7.8			135.0
3 - Maize	percent	0.8	0.0	0.0	5.7			145.0
4 - Pastry	percent	2.4	2.6	1.5	5.1	1.3	-10.5	19.8
5 - Wheat	percent	0.0	0.0	0.0	3.7		-36.3	119.3



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<b>Major Imports (1) (share in Agriculture) *</b>								
1 - Food preparations NES	percent	4.4	5.1	5.2	6.4	2.9	0.5	3.5
2 - Cheese from whole cow milk	percent	5.7	6.9	5.3	5.5	3.8	-5.4	0.8
3 - Beef and veal, boneless	percent	7.2	5.7	4.6	5.5	-4.7	-4.4	3.0
4 - Pastry	percent	2.3	3.7	4.3	5.3	9.6	2.9	3.7
5 - Sugar, refined	percent	3.6	2.7	2.0	4.6	-5.8	-5.8	13.8
*ranked on the latest 3-year period								
<b>Inputs</b>								
Fertilizer use/Arable land	kg nutr./HA	na	na	96.1	104.9			1.5
<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\$	24647.5	27464.5	44975.4	44765.3	2.2	9.9	-0.1



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<b>VI. HEALTH, NUTRITIONAL AND SANITATION INDICATORS</b>								
<b>Child Nutritional Status</b>								
Stunting, less than - 2 s.d	percent							
Overweight, more than + 2 s.d	percent							
<b>Adult Nutritional Status</b>								
Underweight - both sexes - 2006-07	percent				2.6			
Underweight - males - 2006-07	percent				1.3			
Underweight - females - 2006-07	percent				3.8			
Obesity - both sexes - 2006-07	percent				20.7			
Obesity - males - 2006-07	percent				22.2			
Obesity - females - 2006-07	percent				19.3			
<b>Health and Sanitation</b>								
Life expectancy at birth - both sexes	years	75	77	78	79	0.5	0.2	0.2
Life expectancy at birth - males	years	73	75	76	77	0.5	0.3	0.2
Life expectancy at birth - females	years	78	80	81	82	0.5	0.2	0.2
Under-five mortality rate - 2009	per 1000 live births				7			
Infant mortality rate (0-1 year) - 2009	per 1000 live births				6			
Access to safe water - 2009	percent				6.1			
Access to adequate sanitation - 2008	percent				100.0			
Maternal mortality ratio - 2008	per 10 <sup>5</sup> live births				8			

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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