



## Country Profile: Food Security Indicators

Country: Malaysia

		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	140	120	130	130	-1.9	1.6	0.1
<b>Food Needs</b>								
Minimum dietary energy requirement (MDER)	kcal/person/day	1760	1780	1800	1820	0.2	0.2	0.2
Average dietary energy requirement (ADER)	kcal/person/day	2220	2250	2280	2310	0.2	0.3	0.2
<b>Food Supply for Human Consumption</b>								
Dietary energy supply (DES)	kcal/person/day	2720	2960	2850	2890	1.7	-0.8	0.2
Total protein consumption	g/person/day	67.1	76.6	75.6	78.6 *	2.6	-0.3	0.8 *
Animal protein consumption	g/person/day	36.9	44.2	41.6	40.0 *	3.6	-1.2	-1.0 *
Fat consumption	g/person/day	87.5	86.2	85.2	83.9 *	-0.3	-0.2	-0.3 *
<b>Diet Composition (Share in DES):</b>								
Carbohydrate	percent	61.1	63.4	62.4	63.2 *	0.7	-0.3	0.3 *
Total protein	percent	9.9	10.4	10.6	10.8 *	0.9	0.5	0.3 *
Animal protein	percent	5.4	6.0	5.8	5.5 *	1.9	-0.4	-1.2 *
Fat	percent	29.0	26.2	26.9	26.0 *	-2.0	0.5	-0.7 *
<b>Major food commodities consumed (share in DES) *</b>								
1 - Rice, milled	percent	28.7	27.6	26.0	24.1 *	-0.8	-1.2	-1.6 *
2 - Flour of wheat	percent	7.9	7.8	9.3	13.9 *	-0.3	3.7	7.9 *
3 - Sugar, refined	percent	13.1	16.0	13.6	11.7 *	4.1	-3.3	-2.9 *
4 - Oil of palm	percent	6.9	4.9	4.8	4.6 *	-6.8	-0.3	-0.9 *
5 - Oil of palm kernels	percent	2.7	2.6	3.5	3.5 *	-1.1	5.9	0.2 *
Share of cereals and roots & tubers in DES	percent	44.7	43.8	46.0	48.7 *	-0.4	1.0	1.2 *
Share of oils and fats in DES	percent	14.8	11.9	13.5	12.9 *	-4.4	2.6	-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 - Rice, milled	percent	78.9	73.8	71.9	74.2 *	-1.3	-0.5	0.6 *
2 - Flour of wheat	percent	144.3	158.0	136.7	126.1 *	1.8	-2.9	-1.6 *
3 - Sugar, refined	percent	142.7	122.1	144.7	169.7 *	-3.1	3.4	3.2 *
4 - Oil of palm	percent	4327.8	6648.7	8532.2	10727.7 *	8.6	5.0	4.6 *
5 - Oil of palm kernels	percent	1424.3	1654.1	1508.7	1729.2 *	3.0	-1.8	2.7 *
**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\$	34840	77394	93420	178771	16.0	3.8	10.8
Share of food (1) in total merchandise value	percent	9.1	7.4	5.0	7.4	-4.0	-8.1	6.7
Share in total DES production	percent	47.3	44.8	44.5	48.6	-1.1	-0.1	1.5
<u>Imports</u>								
Total merchandise	MLN US\$	35253	78677	78490	144989	16.1	0.0	10.2
Share of food (1) in total merchandise value	percent	5.2	3.9	3.8	4.8	-5.5	-0.8	3.9
Share in total DES production	percent	16.5	15.6	15.1	15.5	-1.1	-0.5	0.5
Net food trade (Food exp.-Food imp.) in total GDP	percent	2.7	2.8	1.8	3.4	0.8	-9.0	10.9
Role of imports to consumption by major commodity***								
1 - Rice, milled	percent	26.5	31.5	28.8	32.4 *	3.4	-1.8	2.3 *
2 - Flour of wheat	percent	0.2	1.5	6.4	5.1 *	44.6	29.6	-4.7 *
3 - Sugar, refined	percent	0.0	0.0	0.1	1.4 *	-76.0	125.3	48.2 *
4 - Oil of palm	percent	109.8	20.1	156.7	391.1 *	-33.9	41.0	18.3 *
5 - Oil of palm kernels	percent	1.3	7.4	80.0	204.5 *	35.1	47.6	18.8 *
***ratio of imports to consumption by major commodity								
<b>Food Aid Received</b>								
Cereal aid shipments	1000 MT				missing			
Share of food aid in total dietary energy supply (DES)	percent	0.0	0.0	0.0	na			
<b>IV. MACRO AND SOCIO ECONOMIC INDICATORS</b>								
<b>Population</b>								
Total population	1000	18596	21130	23765	26555	2.6	2.4	1.9
Density	Inh/sq Km	57	64	72	81	2.6	2.4	1.9
Share of urban in total population	percent	50.7	57.0	63.2	69.6	2.3	2.1	1.6
Age dependency ratio (per 100 persons aged 15-64)	ratio	69.1	64.9	58.7	53.7	-1.2	-2.0	-1.5
<b>Macro economic aggregates</b>								
GDP at market prices (constant 2000 US\$)	MLN US\$	51742	81163	95808	132636	9.0	3.3	5.4
Share of agriculture value added in total GDP	percent	14.7	11.9	8.5	9.7	-4.2	-6.7	2.1
Workers' remittances and compensation of employees, received (in total GDP)	percent	0.3	0.2	0.4	0.8	-13.2	17.9	11.0
Net official development assistance received (in total GDP)	percent	0.6	-0.2	0.1	0.1			10.3
Foreign direct investment, net (BoP, current US\$) (in total GDP)	percent	7.6	5.0	1.2	-1.9	-8.4	-29.0	
Current account balance (in total GDP)	percent	-4.7	-6.7	8.0	16.7	7.0		12.3
Total reserves in months of imports	no. months	3.8	3.0	3.7	6.2	-4.1	3.9	8.5
Cash surplus/deficit (in total GDP)	percent		2.2	-4.2	-3.6			-2.3



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<b>Poverty (last year available) (%of population)</b>								
National (Poverty headcount) - 2009	percent				3.8			
Rural (Poverty headcount) - 2009	percent				8.2			
Urban (Poverty headcount) - 2009	percent				1.7			
<b>Inequality in Access to Food and to Income</b>								
Gini of income - 2009	percent				46.2			
Gini of dietary energy consumption - 1989	percent				12.1			
Share of food in total expenditure - 1998	percent				37.1			
Consumer price index (Base=2000)	percent	73.7	88.6	101.4	115.3	3.7	2.7	2.1
Consumer food price index (Base=2000)	percent	65.0	82.7	100.7	115.9	4.8	3.9	2.3
<b>Literacy rate</b>								
Adult female (% of females aged 15 and above) - 2009	percent				92.5			
Adult male (% of males aged 15 and above) - 2009	percent				94.6			
Adult both sexes (% of people aged 15 and above) - 2009	percent				90.3			

### V. AGRICULTURE INDICATORS

#### Agricultural inputs

Total labour force	1000	7514	8871	10363	12066	3.3	3.1	2.5
Share of agricultural labour force (2) in total labour force	percent	25.5	20.9	17.6	13.8	-3.9	-3.5	-4.0
Share of female in agricultural labour force	percent	31.4	27.9	25.6	22.3	-2.3	-1.7	-2.3

#### Land

Arable land & permanent crops	1000 HA	7180	7604	7592	7585	1.1	0.0	0.0
Share of irrigated in total arable land	percent	4.8	4.8	4.8	4.8	1.0	0.1	0.0

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

1 - Oil of palm	1000 MT	6203	8422	11518	16480	6.1	6.3	6.0
2 - Indigenous chicken meat	1000 MT	476	715	757	999	8.2	1.1	4.6
3 - Natural rubber	1000 MT	1241	1047	900	1185	-3.4	-3.0	4.6
4 - Palm kernels	1000 MT							
5 - Rice, paddy	1000 MT	1941	2158	2144	2305	2.1	-0.1	1.2

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

1 - Oil of palm	percent	40.6	50.4	47.6	49.9	4.3	-1.1	0.8
2 - Rubber, natural (dry)	percent	17.7	15.3	8.5	11.6	-2.9	-11.7	5.1
3 - Fatty acids	percent	3.1	2.6	6.1	5.5	-3.9	17.4	-1.6
4 - Hydrogenated oils and fats	percent	1.0	0.3	0.8	4.0	-22.9	18.5	27.4
5 - Oil of palm kernels	percent	5.0	4.4	4.0	3.4	-2.9	-1.6	-2.7



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<b>Major Imports (1) (share in Agriculture) *</b>								
1 - Cocoa beans	percent	0.0	1.0	2.6	9.5	65.5	19.0	21.8
2 - Maize	percent	9.1	9.7	6.1	6.1	1.1	-9.3	0.0
3 - Natural rubber	percent	0.0	1.9	4.8	5.4	76.7	18.2	1.9
4 - Oil of palm	percent	2.1	0.3	1.6	4.6	-36.3	31.6	17.1
5 - Sugar, raw centrifugal	percent	9.3	7.7	6.6	4.5	-3.8	-3.1	-6.3
*ranked on the latest 3-year period								
<b>Inputs</b>								
Fertilizer use/Arable land	kg nutr./HA	na	na	143.0	225.1			7.6
<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\$	3983.6	4111.4	4472.6	6107.0	0.6	1.7	5.2



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<b>VI. HEALTH, NUTRITIONAL AND SANITATION INDICATORS</b>								
<b>Child Nutritional Status</b>								
Stunting, less than - 2 s.d - 1999	percent				21.0			
Overweight, more than + 2 s.d - 1999	percent				5.5			
<b>Adult Nutritional Status</b>								
Underweight - both sexes - 2005-06	percent							
Underweight - males - 2005-06	percent							
Underweight - females - 2005-06	percent							
Obesity - both sexes - 2005-06	percent				16.3			
Obesity - males - 2005-06	percent				13.9			
Obesity - females - 2005-06	percent				18.8			
<b>Health and Sanitation</b>								
Life expectancy at birth - both sexes	years	70	71	72	73	0.3	0.3	0.2
Life expectancy at birth - males	years	68	69	70	71	0.3	0.3	0.2
Life expectancy at birth - females	years	72	74	75	76	0.3	0.3	0.2
Under-five mortality rate - 2009	per 1000 live births				6			
Infant mortality rate (0-1 year) - 2009	per 1000 live births				6			
Access to safe water - 2009	percent				5.7			
Access to adequate sanitation - 2008	percent				96.0			
Maternal mortality ratio - 2008	per 10 <sup>5</sup> live births				31			

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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