

*Major indicators of agri-food
development
in Mediterranean and Arab
countries*

Introduction

The following statistical section briefly summarises the major indicators of agri-food development in Mediterranean and Arab countries.

Data are based on population growth, economy, resources, production factors, consumption and international trade.

Given the poor availability of data in most of the above countries and for comparative purposes, the selection of indicators was confined to those which are closely related to population growth, urbanisation, global economic and agricultural growth, food consumption and international trade.

Methodological notes

1. Data source

Agricultural statistics (land use, production and trade) have been compiled by the UN Food and Agriculture Organisation (FAO). Data have been gathered by official bodies in different countries and complemented, if necessary, by FAO projections based on temporary or unofficial information.

Macro-economic data about the population, national budgets, the global trade, etc.. have been derived from the UN statistics published in yearbooks (statistical, national budget, population growth and international trade yearbooks) or in publications edited by the World Bank or the IMF.

2. Geographical breakdown

In order to facilitate the analysis, the following geographical groupings have been suggested and are illustrated in the various tables. They will help compare data flows analysed for the Mediterranean, the Northern and Southern areas and the Arab countries.

Mediterranean: Algeria, Albania, Bahrein, Bosnia and Herzegovina, Croatia, Cyprus, France, Former Yugoslavian Macedonia, Greece, Iraq, Israel, Italy, Jordan, Kuwait, Lebanon, Libya, Malta, Morocco, Oman, Portugal, Qatar, Saudi Arabia, Slovenia, Syria, Tunisia, Turkey, United Arab Emirates, Yemen, and Yugoslavia.

Northern Mediterranean: Albania, Bosnia and Herzegovina, Croatia, Cyprus, France, Former Yugoslavian Macedonia, Greece, Italy, Malta, Portugal, Slovenia, Spain, Turkey and Yugoslavia.

Southern Mediterranean: Algeria, Bahrein, Egypt, Iraq, Israel, Jordan, Kuwait, Lebanon, Libya, Morocco, Oman, Qatar, Saudi Arabia, Syria, Tunisia, United Arab Emirates and Yemen.

Arab countries: the whole Southern Mediterranean except for Israel, plus four Non-Mediterranean Arab countries: Djibouty, Mauritania, Somalia and Sudan.

3. Classification of countries in the tables:

Geographical groupings: World, Mediterranean, Northern Mediterranean, Southern Mediterranean, Arab countries.

Mediterranean EU Member States: France, Greece, Italy, Portugal and Spain.

Other Northern Mediterranean countries: Albania, Bosnia and Herzegovina, Croatia, Cyprus, Macedonia, Malta, Slovenia, Turkey and Yugoslavia.

Maghreb countries: Algeria, Libya, Morocco and Tunisia.

Other Southern Mediterranean countries: Bahrein, Egypt, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Syria, United Arab Emirates and Yemen.

Other non-Mediterranean Arab countries: Djibouti, Mauritania, Somalia and Sudan.

Place of the Mediterranean in the World.

Table 1. Population, growth rate, urbanisation, agriculture ratio to employment, 1997

Country	Total population 1000 htt	Growth rate 1965-97 %	Urban population/ total population %	Rural population/ total population %	Agricultural pop./ total population %	Agricult. labour force/ total labour force %	Inhabitants/ agricult. employees
World	5.848.731	1,76	46,11	53,89	43,84	46,04	4
Mediterranean C	495.419	1,81	64,06	35,94	20,98	22,25	11
North Med.	265.901	1,15	68,45	31,55	14,32	18,46	12
South Med.	229.518	2,82	58,99	41,02	28,70	28,01	10
Arab Countries	264.879	2,80	54,32	45,68	34,78	35,25	8
France	58.542	0,57	75,03	24,98	3,89	3,89	57
Greece	10.522	0,65	59,58	40,42	14,88	18,45	13
Italy	57.241	0,29	66,77	33,23	6,15	6,15	37
Portugal	9.802	0,22	36,53	63,47	15,84	14,13	14
Spain	39.717	0,67	76,92	23,08	8,70	8,51	27
Albania	3.422	1,91	37,96	62,01	50,15	50,18	4
Bosnia H.	3.784	0,00	41,89	58,11	6,58	6,58	33
Croatia	4.498	0,00	56,54	43,44	10,32	10,33	21
Cyprus	766	0,86	55,22	44,91	9,92	10,00	21
Macedonia	2.190	0,00	60,68	39,32	15,07	15,12	14
Malta	371	0,61	89,76	10,24	1,89	2,16	124
Slovenia	1.922	0,00	51,82	48,18	2,60	2,69	74
Turkey	62.774	2,21	71,62	28,38	32,61	48,37	4
Yugoslavia F.R.	10.350	0,00	57,88	42,12	22,60	22,59	9

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Country	Total population 1000 htt	Growth rate 1965-97 %	Urban population/ total population %	Rural population/ total population %	Agricult. pop./ total population %	Agricult. labour force/ total labour force %	Inhabitants/ agricult. employees
Algeria	29.473	2,87	57,08	42,92	24,64	25,02	13
Libyan A.J.	5.784	4,05	86,26	13,74	7,11	7,09	49
Morocco	27.518	2,29	53,21	46,79	39,51	38,55	7
Tunisia	9.326	2,21	63,35	36,65	25,70	25,70	10
Bahrain	582	3,54	91,07	8,93	1,37	1,15	194
Egypt	64.465	2,26	45,15	54,85	38,74	35,33	8
Iraq	21.177	3,10	75,43	24,57	11,64	11,64	32
Israel	5.781	2,57	90,90	9,10	3,08	3,08	77
Jordan	4.520	4,79	72,48	27,52	12,65	12,37	28
Kuwait	1.731	4,15	97,28	2,77	1,04	1,01	247
Lebanon	3.144	1,19	88,39	11,64	4,58	4,60	64
Oman	2.401	4,26	78,84	21,16	38,48	38,51	10
Qatar	569	6,77	91,74	8,08	1,58	1,60	114
Saudi Arabia	19.494	4,48	83,95	16,05	12,24	12,24	25
Syrian A.R.	14.951	3,28	53,11	46,89	29,26	29,25	11
U.A. Emirates	2.308	9,06	84,66	15,34	5,59	5,57	36
Yemen	16.294	3,26	35,23	64,77	53,63	53,63	6
Djibouti	634	5,69	82,49	17,51			
Mauritania	2.392	2,47	53,72	46,28	53,05	53,05	4
Somalia	10.217	2,79	26,36	73,63	72,49	72,49	3
Sudan	27.899	2,58	33,18	66,82	63,70	63,71	4
Med./World %	8,47						

Source: Medagri 1999, based on FAO data.

Table 2. Gross Domestic Product, economic growth, agriculture ratio to the GDP

Country	Year	GDP	Growth rate	GDP	GDP	Agricultural	Agricultural	Exchange
		1990-95	1990-95	agricultural /	GDP/.	GDP/		
		millions \$	%	\$	%	agricult	inhabitant	rate *
						employee	\$	MU p 1 \$
						\$		
France	1997	1.394.127	1,00	23.814	2	27.309	476	5,84
Greece	1997	120.948	1,10	11.495	7	10.371	816	273,06
Italy	1997	1.145.382	1,00	20.010	3	22.126	600	1.703,10
Portugal	1996	107.133	0,80	10.923	3	4.162	295	154,24
Spain	1997	531.289	1,10	13.377	3	10.939	401	146,41
Albania	1995	2.192	1,40	648	56	1.453	363	92,70
Bosnia H.								
Croatia	1995	18.081		4.014	12	9.907	482	5,23
Cyprus	1996	8.873	8,91	11.736	5	10.791	528	0,47
Macedonia	1994	2.720		1.271				50,00
Malta	1997	3.323	1,17	8.956	4	38.765	313	0,39
Slovenia	1996	18.859	9,98	9.802	5	36.267	490	135,36
Turkey	1996	176.218	3,20	2.852	16	1.997	456	81.405,00
Yugoslavia F.R.								
Algeria	1995	41.158	0,10	1.464	13	2.279	190	47,66
Libyan A.J.	1992	30286		6.206	6	16.049	385	0,30
Morocco	1997	33.276	1,20	1.209	14	1.121	169	9,53
Tunisia	1997	19.004	3,90	2.038	14	2.949	289	1,11
Bahrain	1996	5.361	4,93	9.405	1	21.444	113	0,38

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Country	Year	GDP millions \$	Growth rate 1990-95 %	GDP/caput \$	GDP agricultural / GDP %	Agricultural GDP/ agricult employee \$	Agricultural GDP/ inhabitant \$	Exchange rate * MU p 1 \$
Egypt	1997	75.502	1,30	1.171	20	1.786	234	3,39
Iraq								
Israel	1997	97.930	6,40	16.940	9	117.516	1.525	3,45
Jordan	1996	7.259	8,20	1.662	8	3.585	133	0,71
Kuwait	1996	30.984	12,20	18.366	1	35.411	147	0,30
Lebanon	1995	11.143		3.703	10	22.740	370	1.621,40
Oman	1997	16.153	6,00	6.728	11	7.360	760	0,38
Saudi Arabia	1995	125.266	1,70	6.862	6	8.777	377	3,75
Qatar	1995	7.515	0,84	13.714	1	15.030	137	3,64
Syrian A.R.	1996	59.922	7,40	4.112	11	4.695	432	11,23
U.A. Emirates	1996	44.620		19.743	2	13.944	395	3,67
Yemen	1995	4.790		319	22	387	70	
Djibouti	1995	495		824	3		26	1,00
Mauritania	1995	904	4,00	398	27	419	107	151,85
Somalia								
Sudan					10			

* MU p 1 \$ = ... national monetary unit per 1 US \$.

Source: Medagri 1999, based on IMF, World Bank, FAO and national data.

Table 3. Cultivated areas, irrigated areas, means of production, 1996

Country	Arable land & permanent crops 1000 ha	Cultivated areas per 1000 htt ha	Cultivated areas per agricultural employee ha	Irrigated areas/ cultivated areas %	Cultivated areas per tractor ha/tract.	Fertilizers per cultivated areas kg/ha
World	1.508.824	262	1,2	17,16	53	
Mediterranean C.	133.244	278	2,8	20,58	21	108
North Med.	87.393	335	3,8	16,48	15	131
South Med.	45.851	209	1,8	28,39	86	64
Arab Countries	59.914	238	1,7	25,06	119	48
France	19.493	334	19,0	8,36	14	252
Greece	3.961	378	4,6	33,53	12	138
Italy	10.768	188	6,5	25,17	6	175
Portugal	2.900	296	4,3	21,79	14	88
Spain	20.129	507	14,6	17,52	19	91
Albania	702	206	0,8	48,43	64	16
Bosnia H.	650			0,31	17	8
Croatia	1.233	274	4,1	0,00	318	141
Cyprus	143	189	4,1	27,97	6	197
Macedonia						
Malta	11	59	0,1	9,09	20	91
Slovenia	288	150	6,7	0,69	3	243
Turkey	27.115	439	1,9	15,44	32	63
Yugoslavia F.R.						
Algeria	8.029	279	3,7	6,91	82	6
Libyan A.J.	2.115	378	24,3	22,22	53	49

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Country	Arable land & permanent crops 1000 ha	Cultivated areas per 1000 ht ha	Cultivated areas per agricultural employee ha	Irrigated areas/ cultivated areas %	Cultivated areas per tractor ha/tract.	Fertilizers per cultivated areas kg/ha
Morocco	9.573	354	2,3	13,14	208	29
Tunisia	4.878	533	6,2	7,40	81	19
Bahrain	4	16				150
Egypt	3.283	52	0,4		32	345
Iraq	5.780	280	9,9	60,99	149	56
Israel	437	153	0,2	45,54	14	238
Jordan	410	94	2,3	18,29	53	44
Kuwait	5	3	0,6		50	200
Lebanon	310	101	8,2	28,39	46	170
Oman	63	59	0,1	98,41	107	190
Qatar	15	79	0,1	86,67	188	61
Saudi Arabia	3.830	203	4,7	38,59	391	74
Syrian A.R.	5.502	378	4,1	19,79	56	76
U.A. Emirates	74	33	0,7	91,89	125	486
Yemen	1.543	98	0,6	31,43	242	8
Djibouti						
Mauritania	480	206	0,9	10,21	1.424	8
Somalia	1.020	206	0,2	19,61	556	
Sudan	13.000	476	1,9	14,97	1.230	4
Med./World %	8,83					

Source: Medagri 1999, based on FAO data.

Table 4. Main agricultural products, 1997

(1000 T)

Country	Cereals	Vegetables	Fruits	Milk	Meat	Sugar	Olive oil
World	2.083.072	594.420	426.855	545.622	220.236	124.192	2.206
Mediterranean C.	186.937	95.257	76.829	72.389	22.419	12.949	2.176
North Med.	152.659	62.876	57.969	62.650	18.341	11.092	1.903
South Med.	34.278	32.381	18.861	9.739	4.078	1.857	274
Arab Countries	39.290	31.678	18.352	15.201	4.492	2.424	274
France	63.492	7.886	10.193	25.630	6.321	5.148	2
Greece	4.786	4.059	3.578	1.790	525	288	290
Italy	19.910	13.662	15.143	11.122	3.997	1.650	600
Portugal	1.614	2.102	1.966	1.840	706	27	45
Spain	19.272	10.650	14.010	6.650	3.986	1.158	769
Albania	628	449	105	1.000	118	3	3
Bosnia H.	324	566	86	205	29	2	
Croatia	2.952	317	594	594	111	90	2
Cyprus	141	132	272	174	95		1
Macedonia	593	487	347	192	48	8	
Malta	7	80	17	49	17		0
Slovenia	547	108	304	593	178	60	0
Turkey	29.677	21.026	9.572	10.761	1.183	2.277	190
Yugoslavia F.R.	8.715	1.353	1.782	2.049	1.028	382	0
Algeria	1.080	2.397	1.168	880	480		18
Libyan A.J.	321	618	247	120	131		10
Morocco	4.110	3.232	2.386	1.015	514	438	45

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Country	Cereals	Vegetables	Fruit	Milk	Meat	Sugar	Olive oil
Tunisia	1.105	1.795	835	632	183	37	100
Bahrain		13	25	20	13		
Egypt	17.650	11.505	5.781	2.761	979	1.230	
Iraq	2.211	2.916	1.474	337	120	2	
Israel	152	1.798	1.584	1.170	285		0
Jordan	98	1.186	393	153	112		14
Kuwait	2	86	2	38	62		
Lebanon	74	967	1.244	187	80	22	7
Oman	5	167	202	83	27		
Qatar	4	43	14	27	20		
Saudi Arabia	2.530	2.395	1.041	588	589		
Syrian A.R.	4.282	1.964	1.691	1.466	258	128	80
U.A. Emirates	7	775	303	60	82		
Yemen	646	526	471	200	145		
Djibouti	0	22		12	8		
Mauritania	155	9	38	299	58		
Somalia	303	73	206	2.220	154	18	
Sudan	4.706	990	831	4.101	479	549	
Med./World %	8,97	16,03	18,00	13,27	10,18	10,40	98,68

Source: Medagri 1999, based on FAO data.

Table 5. Agricultural products growth between 1981-1985 and 1991-1995 (%)*

Country	Cereals	Vegetables	Fruits	Milk	Meat	Sugar	Olive oil
World	1,17	3,21	1,95	0,79	2,91	1,44	1,02
Mediterranean C.	2,43	2,00	0,83	0,83	2,54	1,11	1,05
North Med.	1,76	1,83	0,17	0,64	2,36	0,83	0,72
South Med.	5,44	2,39	3,57	2,28	3,46	2,95	2,95
Arab Countries	5,28	2,24	4,21	1,83	2,97	2,67	2,96
France	1,08	0,93	-2,08	-0,83	1,10	0,37	4,72
Greece	0,19	0,38	0,54	0,99	-0,18	-0,08	1,35
Italy	0,52	-0,13	-0,77	0,09	0,88	1,08	0,20
Portugal	1,86	1,60	0,25	5,84	3,26	-1,24	-0,22
Spain	-0,29	1,43	0,74	0,13	2,69	-0,86	1,21
Albania	-5,28	0,28	-5,44	6,22	5,76	-25,09	-7,03
Bosnia H.							
Croatia							
Cyprus	5,25	1,84	-1,60	5,61	5,97		3,25
Macedonia							
Malta	-3,30	0,39	2,14	-0,83	4,69		-6,22
Slovenia							
Turkey	1,30	3,21	1,63	1,09	2,45	1,50	-0,87
Yugoslavia F.R.							
Algeria	2,63	7,86	0,60	0,29	6,13		0,01
Libyan A.J.	0,63	1,55	1,53	0,16	-0,87		-10,74
Morocco	2,78	6,48	3,39	1,58	5,90	1,82	3,12

o/o

Country	Cereals	Vegetables	Fruit	Milk	Meat	Sugar	Olive oil
Tunisia	1,81	3,56	3,41	5,83	2,82	8,22	4,39
Bahrain		4,66	3,59	9,88	3,28		
Egypt	5,80	1,83	6,19	2,63	4,36	3,87	
Iraq	3,64	-0,02	2,88	-3,54	-7,55	-15,37	
Israel	-1,49	4,65	-2,99	2,93	2,37		-1,85
Jordan	3,87	5,41	10,80	12,37	6,97		7,61
Kuwait	2,34	1,58	0,45	-4,82	-3,23		
Lebanon	10,65	7,98	5,19	3,48	0,56	7,85	-2,35
Oman	12,40	-1,30	4,28	4,88	4,65		
Qatar	14,15	9,40	2,92	14,47	6,14		
Saudi Arabia	16,36	5,56	4,46	6,98	7,40		
Syrian A.R.	6,95	-5,80	4,82	1,83	0,78	1,15	4,11
U.A. Emirates	3,09	8,44	12,83	6,43	6,37		
Yemen	1,52	2,87	6,55	3,29	2,58		
Djibouti	7,89	1,18		4,68	3,91	11,61	
Mauritania	9,52	2,24	4,00	2,13	1,10		
Somalia	-4,82	4,72	0,67	-1,55	0,73	-7,63	
Sudan	4,38	0,96	0,40	3,30	0,22	2,51	

* Annual mean growth rate between the means of 1981-85 and 1991-1995.

Source: Medagri 1999, based on FAO da

Table 6. Food consumption, 1996

(kg/year/person)

Country	Cereals (except beer)	Roots and tubers	Sweeteners	Pulses	Vegetables	Fruits
France	113,8	72,5	36,7	2,1	123,5	95,9
Greece	149,6	66,4	31,3	5,2	246,1	184,4
Italy	157,6	37,2	29,2	5,5	168,4	141,3
Portugal	127,4	136,1	34,4	4,7	161,3	124,6
Spain	103,3	99,0	30,3	7,3	134,4	116,0
Albania	147,1	25,0	18,1	4,8	118,7	40,5
Bosnia H.						
Croatia	101,3	118,1	27,8	5,3	85,5	106,5
Cyprus	113,9	34,2	47,5	4,2	106,7	150,1
Ex-Macedonia Y.R.	126,3	41,5	31,0	5,3	124,4	100,9
Malta	151,1	74,9	52,9	5,1	164,7	100,8
Slovenia	137,2	153,8	16,5	2,6	84,7	92,2
Turkey	225,9	61,6	30,5	12,3	183,3	151,9
Yugoslavia F.R.						
Algeria	230,7	36,5	28,4	6,2	64,5	56,4
Libyan A.J.	193,7	19,7	31,1	4,6	98,3	77,8
Morocco	265,8	35,8	35,1	7,4	80,0	84,7
Tunisia	222,8	26,9	31,3	8,6	143,9	103,6
Bahrain						
Egypt	248,4	25,1	29,8	8,2	138,5	107,9

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Country	Cereals (except beer)	Roots and tubers	Sweeteners	Pulses	Vegetables	Fruits
Iraq	132,1	16,9	12,4	2,2	103,8	87,4
Israel						
Jordan	153,2	29,6	36,3	2,8	180,1	97,9
Kuwait	127,6	21,7	39,1	9,0	142,4	135,7
Lebanon	137,9	58,1	34,2	13,6	232,5	262,5
Oman						
Qatar						
Saudi Arabia	156,7	17,6	28,0	5,8	107,9	123,1
Syrian A.R.	230,5	19,8	38,0	5,1	84,8	122,0
U.A. Emirates	125,7	27,9	33,8	9,0	212,9	203,1
Yemen	166,2	10,3	22,9	5,7	27,6	32,4
Djibouti	116,5	2,7	39,1	1,0	36,9	4,5
Mauritania	174,0	4,0	30,2	8,7	10,0	12,6
Somalia						
Sudan	162,3	5,2	15,4	5,5	26,3	30,8

Source: Medagri 1999, based on FAO data.

Table 6a. Food consumption, 1996 (kg/year/person)

Country	Meat	Fish and sea food	Milk (except butter)	Oils and fats	Alcoholic beverages
France	101,2	27,9	256,2	35,2	109,0
Greece	80,3	25,6	239,8	30,8	59,7
Italy	84,3	23,1	254,2	34,9	79,5
Portugal	84,1	58,7	175,6	30,1	137,9
Spain	99,7	37,1	161,1	30,8	108,5
Albania	38,0	1,1	300,0	11,4	20,0
Bosnia H.					
Croatia	30,7	3,4	161,3	13,4	112,4
Cyprus	111,6	19,8	202,4	19,1	59,1
Macedonia	44,6	3,2	90,2	14,4	38,3
Malta	81,4	35,7	200,0	21,1	60,0
Slovenia	100,1	5,9	205,7	21,4	150,8
Turkey	20,7	9,4	143,6	21,0	11,9
Yugoslavia F.R.					
Algeria	19,8	3,9	92,9	18,0	3,5
Libyan A.J.	23,6	5,5	75,4	29,9	0,0
Morocco	16,4	8,2	29,4	15,1	6,2
Tunisia	20,3	7,7	73,7	20,1	7,0
Bahrain					
Egypt	17,5	6,6	38,4	9,8	0,7

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Country	Meat	Fish and sea food	Milk (except butter)	Oils and fats	Alcoholic beverages
Iraq	7,4	1,1	16,8	27,6	3,9
Israel					
Jordan	30,8	4,0	39,0	17,4	1,1
Kuwait	74,9	13,1	206,4	14,7	0,0
Lebanon	31,5	0,7	86,0	22,3	20,4
Oman					
Saudi Arabia	46,0	6,3	94,8	14,7	0,7
Qatar					
Syrian A.R.	21,6	0,9	89,1	18,2	1,0
U.A. Emirates	75,0	26,3	159,2	15,2	5,6
Yemen	11,3	5,6	25,2	8,0	1,2
Djibouti	16,2	2,3	53,2	13,8	3,8
Mauritania	20,2	16,6	144,8	10,5	0,1
Somalia					
Sudan	17,9	1,7	141,6	8,5	27,3

Source: Medagri 1999, based on FAO data.

Table 7. International trade of agricultural products as part of the total trade, 1996

Country	Total imports TI	Total exports TE	Agricultural imports AI	Agricultural exports AE	(AE-AA)/ (AE+AI)	(AE-AA)/ (AE+AI)	AE / AI	AI / TI	AE / TE	
	millions \$	millions \$	millions \$	millions \$	(ET-IT)/ (ET+IT)	(AE-AI)/ (AE+AI)	%	%	%	
Mediterranean C.	924.164	921.373	109.297	89.676	-0,15	99,70	-9,86	82,05	11,83	9,73
North Med.	751.948	732.697	82.495	84.100	-1,30	97,44	0,96	101,95	10,97	11,48
South Med.	172.216	188.675	26.803	5.576	4,56	109,56	-65,56	20,80	15,56	2,96
Arab Countries	144.675	170.862	25.500	5.145	8,30	118,10	-66,42	20,17	17,63	3,01
France	292.936	304.699	27.619	40.402	1,97	104,02	18,79	146,28	9,43	13,26
Greece	26.935	11.243	3.867	3.657	-41,10	41,74	-2,79	94,57	14,36	32,53
Italy	206.788	250.776	25.571	16.889	9,61	121,27	-20,45	66,05	12,37	6,73
Portugal	34.145	23.453	4.315	1.487	-18,56	68,69	-48,73	34,47	12,64	6,34
Albania	876	270	310	20	-52,86	30,84	-87,69	6,56	35,43	7,54
Spain	121.911	102.129	13.160	14.964	-8,83	83,77	6,42	113,71	10,79	14,65
Bosnia H.			348	4			-97,80	1,11		
Croatia	7.788	4.512	898	496	-26,63	57,94	-28,89	55,17	11,53	10,98
Cyprus	3.984	1.392	993	832	-48,21	34,94	-8,85	83,74	24,93	59,75
Macedonia	1.627	1.147	285	251	-17,28	70,53	-6,32	88,12	17,53	21,90
Malta	2.803	1.583	287	31	-27,83	56,46	-80,66	10,70	10,24	1,94
Slovenia	9.421	8.370	832	365	-5,91	88,84	-38,96	43,93	8,83	4,36
Turkey	42.734	23.123	4.008	4.700	-29,78	54,11	7,95	117,27	9,38	20,33
Yugoslavia F.R.										
Algeria	10.878	9.931	2.671	71	-4,55	91,29	-94,84	2,65	24,55	0,71
Libyan A.J.	4.987	9.803	1.289	46	32,56	196,57	-93,17	3,54	25,85	0,47

o/o

Country	Total imports TI	Total exports TE	Agricultural imports AI	Agricultural exports AE	(ET-IT)/ (ET+IT)	(AE-AA)/ (AE+AI)	(AE-AI)/ (AE+AI)	AE / AI	AI / TI	AE / TE
	millions \$	millions \$	millions \$	millions \$	%	%	%	%	%	%
Morocco	8.257	4.745	1.698	896	-27,01	57,47	-30,93	52,75	20,56	18,87
Tunisia	7.746	5.517	820	322	-16,81	71,22	-43,57	39,31	10,59	5,84
Bahrain	4.274	4.700	334	16	4,76	109,99	-90,96	4,73	7,83	0,34
Egypt	13.020	3.534	3.862	521	-57,30	27,14	-76,22	13,49	29,66	14,75
Iraq	1.900	400	995	8	-65,22	21,05	-98,42	0,80	52,38	1,99
Israel	29.584	19.149	1.891	1.162	-21,41	64,73	-23,87	61,46	6,39	6,07
Jordan	4.291	1.816	704	182	-40,52	42,32	-58,86	25,90	16,41	10,04
Kuwait	8.374	14.890	1.311	73	28,01	177,81	-89,42	5,58	15,66	0,49
Lebanon	7.560	1.018	1.203	129	-76,26	13,47	-80,67	10,70	15,91	12,65
Oman	4.727	7.337	853	223	21,64	155,23	-58,53	26,16	18,05	3,04
Saudi Arabia	27.765	56.554	4.728	338	34,14	203,69	-86,67	7,14	17,03	0,60
Qatar	3.160	4.104	302	16	13,00	129,88	-90,05	5,23	9,56	0,38
Syrian A.R.	5.380	3.990	845	728	-14,83	74,17	-7,46	86,11	15,71	18,23
U.A. Emirates	28.954	39.396	2.128	803	15,28	136,06	-45,22	37,72	7,35	2,04
Yemen	1.360	1.790	1.167	43	13,65	131,61	-92,93	3,66	85,84	2,39
Djibouti	308	23	91	5	-86,10	7,47	-89,95	5,29	29,59	20,96
Mauritania	250	568	158	40	38,88	227,20	-59,23	25,60	63,07	7,11
Somalia	170	150	65	76	-6,25	88,24	7,67	116,62	38,30	50,62
Sudan	1.314	595	274	610	-37,66	45,28	37,95	222,30	20,89	102,55

Source: Medagri 1999, based on FAO data.

Standardized total balance = (total exports – total imports) / (total exports + total imports) * 100

Standardized total balance = (agricultural exports - agricultural imports) / (agricultural exports + agricultural imports) * 100

Table 8 Import structure per main region of origin, 1995

Country	World millions \$	Europ. Union %	USA-Canada %	Japan %	OPEC %
Mediterranean C.	858.472,7	59,78	8,39	3,81	4,86
North Med.	705.855,3	63,26	7,05	3,02	4,66
South Med.	152.617,4	43,66	14,58	7,48	5,81
Arab Countries	126.251,8	41,82	13,37	8,35	7,24
France	272.595,6	64,00	8,40	3,50	3,00
Greece	25.266,3	67,80	3,50	3,80	5,30
Italy	199.781,5	61,70	5,70	2,20	5,50
Portugal	33.393,7	74,40	3,60	2,20	5,10
Spain	113.060,9	65,10	7,20	3,40	5,50
Albania					
Bosnia H.					
Croatia	7.508,8	62,10	2,80	1,10	4,10
Cyprus	3.664,2	51,30	13,80	6,70	1,20
Macedonia					
Malta **	2.161,8	71,60	8,90	2,70	2,30
Slovenia	254,6	32,20	3,80	5,70	0,80
Turkey	35.707,3	47,20	11,20	3,90	9,00
Yugoslavia F.R. #	12.460,6	65,70	2,90	0,30	6,70
Algeria	9.830,6	59,30	17,30	3,40	1,40
Libyan A.J. **	5.335,0	65,80	1,40	3,20	0,30
Morocco	8.551,5	56,10	8,50	1,50	11,70
Tunisia	7.887,1	71,50	6,00	1,80	5,70

o/o

Country	World millions \$	Europ. Union %	USA-Canada %	Japan %	OPEC %
Bahrain *	3.757,5	20,40	11,10	5,60	8,80
Egypt	11.738,9	38,90	19,40	2,70	4,00
Iraq **	368,0	27,10	1,60	0,30	0,10
Israel	28.189,2	51,80	19,40	3,30	0,10
Jordan	3.664,4	33,20	9,70	3,60	18,70
Kuwait	7.761,6	38,00	17,60	9,40	10,70
Lebanon **	4.835,5	46,20	9,20	2,90	3,70
Oman	4.125,4	28,70	7,20	16,30	28,50
Qatar *	1.927,4	33,90	11,10	13,40	14,60
Saudi Arabia *	22.608,3	35,50	23,70	12,10	3,40
Syrian A.R. **	4.300,0	38,80	6,50	8,20	2,00
U.A. Emirates **	25.582,0	32,20	9,50	15,80	8,80
Yemen **	2.155,0	30,50	16,60	5,80	8,50
Djibouti					
Mauritania					
Somalia **	204,3	35,60	18,20	2,50	5,50
Sudan **	1.619,3	42,30	3,80	3,00	17,40

* 1994 ; ** 1993 ; # 1992

Source: Handbook of international trade and development statistics, UNCTAD, 1995

Table 9. Export structure per main region of destination, 1995

Country	World millions \$	Europ. Union %	USA-Canada %	Japan %	OPEC %
Mediterranean C.	828.161,8	56,45	8,13	4,00	3,73
North Med.	683.710,2	62,27	6,76	1,87	3,32
South Med.	144.451,6	28,91	14,62	14,09	5,70
Arab Countries	126.013,3	28,41	12,14	15,14	6,59
France	283.600,4	63,40	6,60	2,00	3,30
Greece	10.160,3	57,00	5,30	1,00	4,00
Italy	231.265,9	56,90	8,20	2,30	3,30
Portugal	23.369,7	80,80	5,10	0,80	0,60
Spain	89.446,8	72,30	4,70	1,40	3,00
Albania					
Bosnia H.					
Croatia	4.632,4	57,70	2,10		1,00
Cyprus	528,6	59,00	1,60	0,30	6,30
Macedonia					
Malta **	1.246,7	77,70	6,10	0,10	6,10
Slovenia	8.314,9	67,00	3,60	0,30	0,90
Turkey	21.596,5	51,30	7,40	0,80	8,10
Yugoslavia F.R. ##	9.548,0	45,80	5,20	0,30	5,20
Algeria	8.555,5	64,80	19,10	0,70	
Libyan A.J. #	10.734,2	86,20			0,10
Morocco	4.728,1	62,10	4,00	7,70	7,40
Tunisia	5.474,6	79,00	1,30	0,30	8,00

o/o

Country	World millions \$	Europ. Union %	USA-Canada %	Japan %	OPEC %
Bahrain *	3.452,1	2,40	4,40	5,60	12,60
Egypt	3.444,1	45,80	15,40	1,30	7,70
Iraq #	370,0	6,20	0,80		11,90
Israel	19.047,3	32,30	30,70	6,90	0,20
Jordan	1.431,7	6,30	1,50	1,30	37,90
Kuwait	12.944,3	0,20	0,30	0,10	1,70
Lebanon #	527,0	7,00	3,60	0,20	43,60
Oman	5.911,1	0,80	2,80	28,60	13,80
Qatar *	3.145,2	0,20	1,90	5,80	9,40
Saudi Arabia #	44.352,5	18,50	26,10	18,40	7,40
Syrian A.R. **	3.273,6	58,50	3,50	0,40	8,10
U.A. Emirates #	16.947,7	8,80	4,10	48,80	5,90
Yemen #	112,6	48,00	6,10	14,60	1,50
Djibouti					
Mauritania					
Somalia #	44,0	52,30			43,20
Sudan #	565,0	29,90	2,70	5,10	16,30

* 1994 ; ** 1993 ; # 1992 ; ## 1991

Source: Handbook of international trade and development statistics, UNCTAD, 1995

Table 10. Self-sufficiency coefficients for the main food products 1991-1995 (%)*

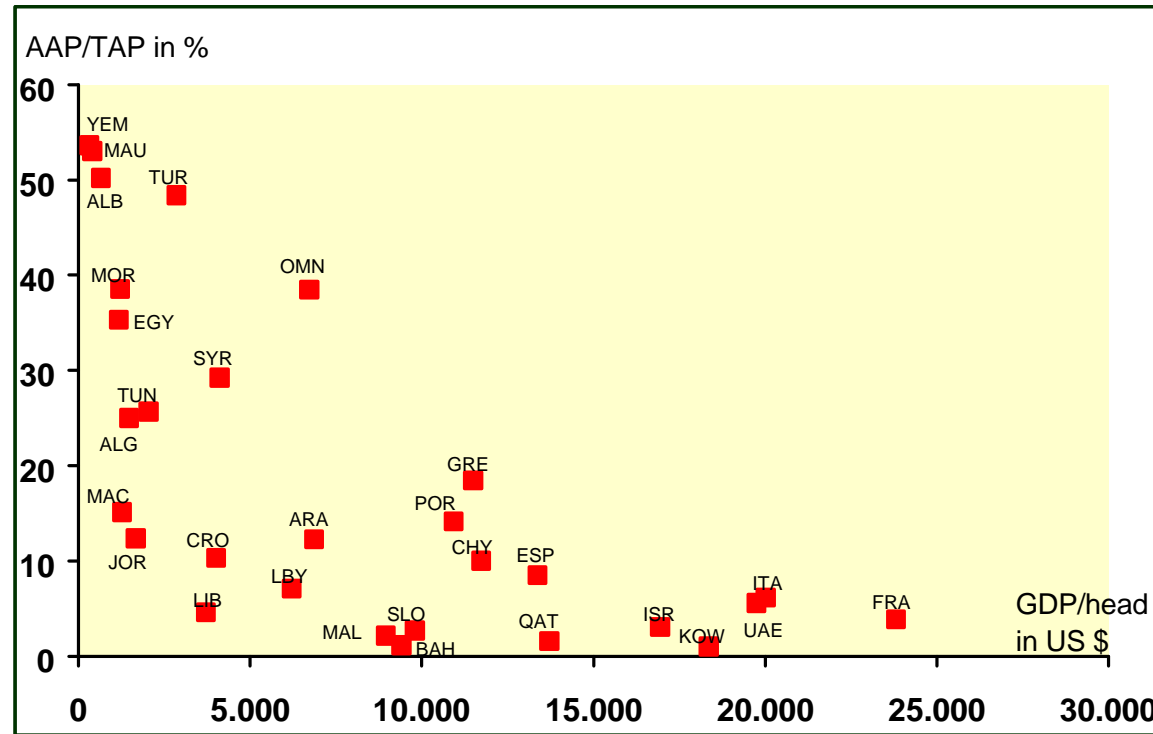
Country	Cereals	Sugar	Milk	Oil	Meat
Mediterranean C.	92,81	81,99	91,29	84,66	95,50
North Med.	116,84	123,14	97,59	98,93	99,17
South Med.	52,59	28,17	63,06	36,79	80,88
Arab Countries	56,21	35,18	71,88	39,14	83,06
France	206,10	210,61	122,97	102,77	110,05
Greece	109,52	94,42	74,41	140,27	75,08
Italy	81,62	96,39	72,03	89,82	92,78
Portugal	43,83	1,30	99,68	104,01	91,03
Spain	83,63	86,44	87,45	134,88	97,36
Albania	61,99	3,29	90,68	9,76	81,21
Bosnia H.	90,25	54,93	93,86	23,40	87,76
Croatia	107,55	42,09	85,23	71,73	97,59
Cyprus	22,68	0,00	88,22	18,39	93,27
Macedonia	82,13	12,73	81,70	60,98	78,18
Malta	4,76	0,00	38,89	2,55	57,92
Slovenia	50,93	48,02	117,32	1,00	117,21
Turkey	106,32	114,84	99,19	57,93	98,27
Yugoslavia F.R.					
Algeria	28,57	0,00	33,02	9,85	94,88
Libyan A.J.	13,04	0,00	38,47	10,98	96,60
Morocco	65,07	53,93	76,74	42,44	98,40
Tunisia	53,43	9,12	75,44	119,54	93,18

o/o

Country	Cereals	Sugar	Milk	Oil	Meat
Bahrain		0,00	22,98	26,59	37,01
Egypt	66,15	69,68	82,05	14,40	86,75
Iraq	64,44	1,11	81,00	22,48	82,44
Israel	8,56	0,00	97,15	67,59	87,50
Jordan	7,95	0,00	35,16	42,90	72,10
Kuwait	0,40	0,00	9,19	11,61	40,60
Lebanon	10,35	13,42	43,80	19,26	75,17
Oman	1,38	0,00	32,81	2,04	34,41
Qatar	3,39	0,00	26,34	28,10	53,08
Saudi Arabia	52,13	0,00	46,80	1,21	62,12
Syrian A.R.	85,78	20,82	93,47	71,92	98,78
U.A. Emirates	1,30	0,00	14,95	1,02	40,34
Yemen	28,20	0,00	51,84	4,84	84,36
Djibouti	0,03	0,03	36,22	48,71	92,37
Mauritania	38,53	0,00	82,29	5,62	99,69
Somalia	56,08	26,93	99,39	2,82	100,00
Sudan	87,94	115,05	98,86	114,39	100,48

* Self sufficiency coefficient = production (1000 T) / (production - exports + imports) *100 (1000 T)

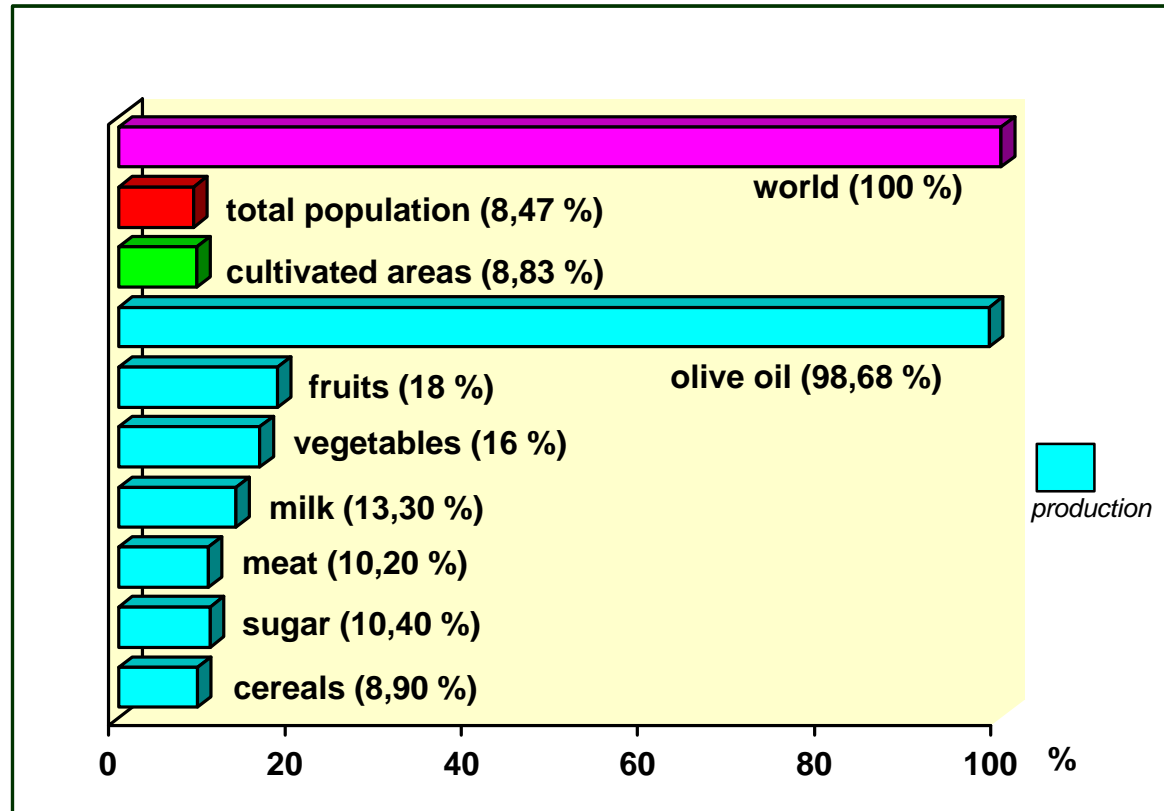
Source: Medagri 1999, based on FAO data



AAP = agricultural active population

TAP = total active population

Graph 1. Importance of agricultural activity as a function of GDP/head



Source: Medagri 1999, based on IMF, World Bank, FAO and national data.

Graph 2. Place of the Mediterranean in the world