

11.1 - Introduction

This statistical section contains a short presentation of the main indicators of agricultural and food development in Mediterranean countries.

The data relate to demographic and economic aspects, resources and production means, consumption, and international trade.

In view of the fact that few data are available in several countries in the region, in order to ensure comparability we have deliberately limited our data to the indicators most frequently used for population growth, urbanisation, aggregate economic growth and growth agriculture, food consumption and international trade.

11.2 – Notes on methodology

11.2.1 – Data source

The agricultural statistics (land use, production, trade) have been drawn from the United Nations Food and Agriculture Organisation (FAO).

They are collected from the official bodies in the various countries and completed where necessary by estimates made by the FAO on the basis of provisional or unofficial information.

The macroeconomic information concerning population, national accounts, world trade, etc. have been drawn either from the United Nations series of statistics which are published in various yearbooks (statistical yearbooks, yearbooks of national accounts, population yearbooks, yearbooks of international trade) or from World Bank or IMF publications.

11.2.2 – Table of indicators

Table 11.1 - Population, demographic growth, urbanisation, agriculture ratio of employment, 2001

Country	Tot.pop.	Growth rate.	Urb.pop./ Tot.pop.	Rur.pop./ Tot.pop.	Agr.pop./ Tot.pop.	ALF/ TLF	Inhtts/ A.E.
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	mn inhtts	%	%	%	%	%	
	2000	1965-01	2001				
Albania	3,15	1,45	43	57	48	48	4
Algeria	30,84	2,68	58	42	24	24	12
Egypt	69,08	2,20	43	57	36	33	8
France	59,45	0,55	76	24	3	3	69
Greece	10,62	0,60	60	40	13	16	14
Italy	57,50	0,27	67	33	5	5	45
Lebanon	3,56	1,41	90	10	3	3	79
Malta	0,39	0,70	91	9	2	1	196
Morocco	30,43	2,32	56	44	36	35	7
Portugal	10,03	0,30	66	34	14	12	16
Spain	39,92	0,61	78	22	7	7	32
Tunisia	9,56	2,03	66	34	24	24	10
Turkey	67,63	2,18	66	34	30	45	5

- (1) Total population in millions of inhabitants
- (2) Average annual demographic growth rate in period 1965-01 (%)
- (3) Part of urban population in the total population (%)
- (4) Part of the rural population in the total population (%)
- (5) Part of the agricultural population in the total population (%)
- (6) Part of the agricultural labour force in the total labour force (%)
- (7) Number of inhabitants per agricultural employee

Source: Medagri 2003, our calculations based on FAO data.

**Table 11.2 – Gross domestic product, economic growth,
agriculture ratio to the GDP**

Country	GDP	GDP/ inh	Exchange rate *	GDPGrowth rate.	AGDP/ GDP	AGDP/ Agr.E.
	mns \$	\$	MU p 1 \$	%	%	\$
	2001	2001	2001	91-2001	2001	
	(1)	(2)	(3)	(4)	(5)	(6)
Albania	4114	1308	143,480	5,4	49,1	2701
Algeria	53009	1719	77,210	2,3	10,2	2069
Egypt	97545	1412	4,490	4,7	16,6	1869
France	1302793	21913	1,118	1,9	2,3	34964
Greece	116347	10952	1,118	2,5	6,2	9592
Italy	1090910	18971	1,118	1,7	2,4	20375
Lebanon	16709	4699	1,507	4,0	11,9	
Malta	3565	9094	0,449		2,21	
Morocco	33733	1109	11,303	2,5	13,8	1090
Portugal	108479	10812	1,118	2,9	3,1	5338
Spain	577539	14467	1,118	2,8	3,57	16708
Tunisia	20035	2095	1,438	4,8	12,7	2681
Turkey	147627	2183	1225588	3,2	13,5	1376

- (1) Gross Domestic Product in millions of \$ US, 2001
- (2) Gross Domestic Product per inhabitant in \$ US, 2001
- (3) Exchange rate, local monetary unit per 1 \$ US, 2001
- (4) Average annual growth rate of GDP on period 1991-2001 (%)
- (5) Part of agricultural GDP in the total GDP (%), 2001
- (6) Agricultural GDP per agricultural employee (1 \$ US), 2001

* Euros per 1 \$ US in Spain, France, Greece, Italy and Portugal

* MU per 1 \$ = national monetary unit per 1 US dollar

Source: Medagri 2003, our calculations based on FAO data, world bank, IMF, and National data.

Table 11.3 – Cultivated areas, irrigated areas, means of production, 2000

Country	Arable land, perm.crops. 1000 ha	Cult.Land 1000 htts ha	Cult.Land/ Agr.E ha	Irrig.Land/ Cult.Land %	Cult.Land/ tract ha/tract.	Fert/ Cult.Land kg/ha
	(1)	(2)	(3)	(4)	(5)	(6)
Albania	699	223	0,9	49	85	13
Algeria	8195	271	3,2	7	88	11
Egypt	3291	48	0,4	100	38	386
France	19582	331	21,8	11	15	212
Greece	3854	363	5,0	38	16	119
Italy	10825	188	8,0	25	6	159
Lebanon	332	95	7,1	31	40	200
Malta	9	23	4,5	22	18	83
Morocco	9734	326	2,3	13	225	37
Portugal	2705	270	4,2	24	16	84
Spain	18217	456	14,1	20	21	118
Tunisia	5014	530	5,3	8	143	22
Turkey	26672	400	1,8	17	29	78

- (1) Arable land and permanent crops, 1000 ha
- (2) Cultivated land per inhabitant, ha
- (3) Cultivated land per agricultural employee, ha
- (4) Part of irrigated land in the cultivated land (%)
- (5) Cultivated land per tractor, ha
- (6) Fertilizers per hectare, kg

Source: Medagri 2003, our calculations based on FAO data.

Table 11.4 – Main agricultural products, 2001

Country	Cereals	Vegetables	Fruit	Milk	Meat	Sugar	Olive oil
	1000 T						
Albania	581	653	132	970	71	3	5
Algeria	2502	2565	1440	1513	536	0	45
Egypte	19464	14118	7282	3838	1460	1476	
France	60477	7805	11169	25600	6341	4195	4
Greece	3876	4206	3962	1890	497	341	422
Italy	20067	14943	18377	13048	4161	1430	558
Lebanon	96	1324	1313	279	121	40	6
Malta	12	67	7	49	19		0
Morocco	4607	3697	2179	1216	590	530	35
Portugal	1347	2309	1840	1993	738	60	41
Spain	18187	11952	14835	6920	5068	1068	1072
Tunisia	1820	2195	991	1010	247	4	94
Turkey	25571	21999	10660	9676	1372	2755	

Source: Medagri 2003, based on FAO data.

Table 11.5 – Growth rate of agricultural products, 2001

Country	Cereals	Vegetables	Fruit	Milk	Meat*	Sugar	Olive oil
	%						
Albania	0,17	-1,36	-0,75	0,00	10,94	0,00	25,00
Algeria	104,08	-0,58	-3,36	9,96	5,30		-10,00
Egypt	-2,90	4,09	10,75	0,18	4,96	5,43	
France	-9,11	-1,19	2,63	-0,12	-0,30	-7,82	33,33
Greece	-8,61	0,10	-3,22	-0,53	0,40	-9,07	2,93
Italy	-3,26	-2,58	-5,68	6,64	0,27	-13,54	13,18
Libanon	0,00	0,00	0,08	0,00	7,08	0,00	0,00
Malta	20,00	1,52	-63,16	-9,26	-5,00		
Morocco	121,28	2,27	-91,60	-3,95	9,26	11,58	-43,55
Portugal	-20,11	-4,94	7,41	0,50	4,83	0,00	-12,77
Spain	-26,65	-0,25	-1,39	5,97	-0,06	-6,81	36,04
Tunisia	66,21	1,90	6,22	9,78	12,79	-78,95	-21,25
Turkey	-8,25	-0,45	0,48	3,49	-14,09	28,14	

* Meat = bovine meat + ovine meat + poultry meat

Source: Medagri 2003, our calculations based on FAO data.

Table 11.6 – Food consumption 2000, kg/capita /yr

Country	Cereals (1)	Root (2)	Sugar (3)	Pulses (4)	Vegetables (5)	Fruit (6)
Albania	169	31	27	5	205	74
Algeria	219	38	30	6	79	43
Egypt	241	24	32	8	190	92
France	115	67	40	2	131	94
Greece	151	71	33	5	293	162
Italy	160	41	31	6	186	141
Libanon	131	55	31	15	308	230
Malta	178	100	51	3	147	62
Morocco	240	29	36	5	106	63
Portugal	134	125	34	4	177	133
Spain	100	85	31	6	157	117
Tunisia	205	28	29	8	188	87
Turkey	216	64	33	13	210	108

Country	Meat (7)	Fish (8)	Milk (9)	Oil (10)	Beverages (11)
Albania	32	3	289	10	17
Algeria	22	4	108	16	0
Egypt	23	13	50	8	1
France	100	31	259	36	100
Greece	88	25	265	31	64
Italy	92	25	265	36	84
Libanon	33	6	92	18	13
Malta	72	39	212	19	53
Morocco	19	8	33	13	3
Portugal	91	76	207	29	127
Spain	114	45	162	33	106
Tunisia	26	10	100	23	8
Turkey	20	9	120	20	12

(1) Cereals

(2) Roots and tubers

(3) Sugar

(4) Pulses

(5) Vegetables

(6) Fruit

(7) Meat, total

(8) Fish and seafood

(9) Milk and milk products

(10) Oils and fats

(11) Alcoholic beverages

Source : Medagri 2003, our calculations based on FAO data.

Table 11.7 – International trade ratios for agricultural products, 2000

Country	Total Import	Total Export	Agri. Import	Agri. Export
	TI	TE	AI	AE
millions \$				
Albania	1 091	261	307	86
Algeria	10 349	19 600	2 563	33
Egypt	14 010	4 691	3 611	499
France	332 856	324 343	23 225	33 390
Greece	27 858	10 751	3 193	2 577
Italy	235 943	237 229	21 608	15 604
Libanon	6 228	714	1 028	80
Malta	2 857	1 986	254	55
Morocco	11 484	7 417	1 668	695
Portugal	38 203	23 267	3 845	1 413
Spain	155 868	114 741	10 542	13 999
Tunisia	8 585	5 855	756	429
Turkey	53 983	27 324	3 231	3 621

Country	Tot.Bal.std.*	TE / TI	Agr.Bal.Std.**	AE / AI	AI / TI	AE / TE
	%					
Albania	-61,39	23,92	-56,23	28,01	28,14	32,95
Algeria	30,89	189,39	-97,46	1,29	24,77	0,17
Egypt	-49,83	33,48	-75,72	13,82	25,77	10,64
France	-1,30	97,44	17,95	143,77	6,98	10,29
Greece	-44,31	38,59	-10,68	80,71	11,46	23,97
Italy	0,27	100,55	-16,13	72,21	9,16	6,58
Libanon	-79,43	11,46	-85,56	7,78	16,51	11,20
Malta	-17,98	69,51	-64,40	21,65	8,89	2,77
Morocco	-21,52	64,59	-41,18	41,67	14,52	9,37
Portugal	-24,30	60,90	-46,25	36,75	10,06	6,07
Spain	-15,20	73,61	14,09	132,79	6,76	12,20
Tunisia	-18,91	68,20	-27,59	56,75	8,81	7,33
Turkey	-32,79	50,62	5,69	112,07	5,99	13,25

* Total Standardized balance = $(TE-TI)*100/(TE+TI)$

** Agricultural Standardized Balance = $(AE-AI)*100/(AE+AI)$

Source : Medagri 2003, our calculations based on FAO data.

Table 11.8 – Euro-Mediterranean trade, 2001, all products

Country	EU exports	EU imports	Trade balance
	TE	TI	TE-TI
million \$			
Albania	977	173	804
Algeria	6 676	60 109	-53 433
Egypt	6 131	7 907	-1 776
France	218 990	119 760	99 230
Greece	19 441	5 888	13 553
Italy	133 844	52 565	81 279
Lebanon	2 716	679	2 037
Malta	2 224	434	1 790
Morocco	6 642	8 256	-1 614
Portugal	33 436	9 625	23 811
Spain	108 832	45 775	63 057
Tunisia	7 099	4 547	2 552
Turkey	18 053	17 006	1 047

Source: Eurostat 6B- Intra and extra EU trade, 2002.

**Table 11.9 – EU agro-food trade with the Mediterranean countries:
Exports from the EU to the Mediterranean countries, 2001**

Country	Cereals	Milk	Oils	Sugar	Meat	Total
	million \$					
Albania	4	3	8	17	7	40
Algeria	329	289	27	198	0	843
Egypt	88	88	16	46	5	243
France	314	1873	685	422	2146	5440
Greece	173	498	51	32	608	1363
Italy	777	2323	773	339	2622	6834
Lebanon	14	77	18	32	4	144
Malta	2	19	6	9	9	46
Morocco	214	65	22	4	9	313
Portugal	278	252	134	40	430	1134
Spain	596	964	145	346	469	2519
Tunisia	86	15	34	28	0	162
Turkey	20	10	43	7	0	81

Country	Cereals	Milk	Oils	Sugar	Meat
	1000 T				
Albania	35	3	15	61	9
Algeria	2 551	124	58	788	0
Egypt	790	46	40	172	4
France	1 206	1 567	1 045	689	878
Greece	1 215	267	77	36	289
Italy	5 820	2 904	792	450	1 074
Lebanon	75	31	41	115	1
Malta	13	8	7	26	4
Morocco	1 814	41	49	8	7
Portugal	2 091	249	164	36	197
Spain	4 726	890	276	525	184
Tunisia	739	9	95	107	0
Turkey	145	4	117	15	0

Source: Eurostat 6B- Intra and extra EU trade, 2002.

**Table 11.10 – EU agro-food trade with the Mediterranean countries:
Imports of the EU from the Mediterranean countries, 2001**

Country	Vegetables	Fruit	Citrus fruit	Tobacco	Cotton	Total
million \$						
Albania	0,8	1,5	0,0	3,2	0,1	5,6
Algeria	0,4	9,4	0,0	0,0	0,0	9,9
Egypt	88,2	23,2	6,5	0,0	163,8	281,7
France	1015,2	1092,2	45,4	272,3	451,2	2876,3
Greece	95,1	271,3	40,1	124,7	218,9	750,1
Italy	610,8	1373,3	66,3	115,3	1027,0	3192,7
Lebanon	0,4	0,2	0,0	0,7	0,0	1,2
Malta	2,0	0,0	0,0	0,0	0,1	2,2
Morocco	213,1	204,4	126,0	0,0	37,2	580,7
Portugal	61,0	83,0	1,5	69,9	124,5	339,9
Spain	2645,6	2824,6	1281,0	95,4	375,9	7222,4
Tunisia	5,2	52,9	9,1	0,4	57,2	124,8
Turkey	139,1	900,0	85,3	120,0	522,4	1766,9

Country	Vegetables	Fruit	Citrus fruit	Tobacco	Coton
1000 T					
Albania	1	2	0	1	0
Algeria	0	7	0	0	0
Egypt	189	24	15	0	46
France	3 105	1 325	70	54	95
Greece	66	334	93	35	113
Italy	840	2 052	137	54	149
Lebanon	1	0	0	0	0
Malta	6	0	0	0	0
Morocco	308	298	237	0	8
Portugal	81	113	4	10	15
Spain	3 309	3 875	2 093	29	146
Tunisia	8	50	21	0	14
Turkey	194	671	151	27	194

Source: Eurostat 6B- Intra and extra EU trade, 2002.

Table 11.11 –Self Sufficiency ratios for main food products, 2000

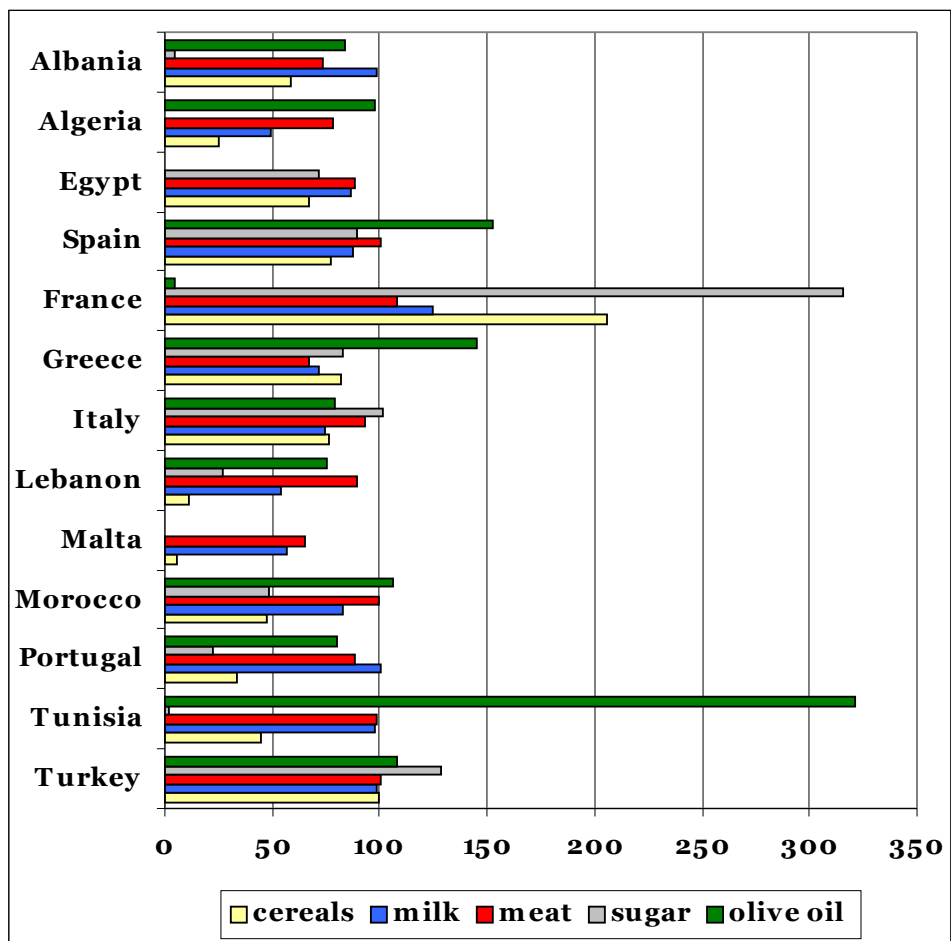
Country	Cereals	Sugar	Milk	Olive oil	Meat*
	%				
Albania	59,04	4,55	98,58	83,33	73,20
Algeria	24,99	0,00	49,36	97,83	78,02
Egypt	66,63	72,00	86,50	0,00	88,00
France	205,74	315,41	125,02	4,76	108,19
Greece	81,46	82,77	71,32	145,02	66,80
Italy	76,15	101,06	74,79	79,15	93,17
Libanon	11,29	26,85	53,76	75,00	89,63
Malta	5,85	0,00	56,32	0,00	65,52
Morocco	47,38	48,62	83,29	106,06	99,49
Portugal	33,93	22,73	100,55	80,39	88,49
Spain	77,62	89,07	87,79	152,92	100,48
Tunisia	44,62	1,49	97,49	320,75	98,80
Turkey	99,30	128,20	99,10	108,19	100,29

* Meat = bovine meat + ovine meat + poultry meat

Self Sufficiency ratio = production*100/(production+import-export)

Source : Medagri 2003, our calculations based on FAO data.

Graphique 11.1 – Self sufficiency ratios for main food products, 2000, %



Source : Our calculations based on FAO data.