Main sources of general information

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Summary tables

EXPLANATORY NOTES

Table 42 – Land use and irrigation potential

- The cultivable area for Israel, the Occupied Palestinian Territories and the United Arab Emirates was estimated as cultivated area. For Qatar it was estimated as the irrigation potential.
- The cultivated areas for Bahrain, Kuwait, Oman, Qatar, Saudi Arabia and the United Arab Emirates do not correspond to the FAOSTAT values because there is no rainfed cultivation, thus cultivated land is equal to the total water managed area or, if known, the actually irrigated area (Qatar and Saudi Arabia).
- The cultivated area for Yemen corresponds to the value provided by the national consultant because the FAOSTAT value is smaller than the total harvested irrigated crops area.
- The cultivated area does not correspond to the year indicated in the column for Bahrain (2000), Kuwait (2003), Occupied Palestinian Territory (1998), Qatar (2004), United Arab Emirates (2003) and Yemen (2004).
- The irrigation potential area for Israel, Oman, Saudi Arabia, the Syrian Arab Republic, the United Arab Emirates and Yemen was estimated as equipped area, since there was no data available.
- Figures on irrigation potential cannot be totalled due to possible double-counting of shared water resources.

Table 46 – Water withdrawals by source

- Freshwater (Surface water + groundwater) for Iraq, Israel, the Occupied Palestinian Territory and the Syrian Arab Republic are unknown, however total freshwater has been estimated taking into account water withdrawal by sector.
- Turkey's surface water and groundwater refers to 2000 while total freshwater refers to 2003, and Azerbaijan surface water and groundwater refers to 2004 while total freshwater refers to 2005.

Table 49 – Full/partial control irrigation techniques

- There is no data available for Iraq, Israel and the Occupied Palestinian Territory, thus these countries are not included in the totals.

Table 50 – Origin of full/partial control irrigation water

- For Azerbaijan, Kuwait and Turkey surface water area + groundwater area + other sources of water area is not equal to the full/partial control irrigation area in Table 47 because it refers to different years.

Table 51 – Harvested irrigated crops on full/partial control areas

- For Kuwait, Oman, Saudi Arabia, the Syrian Arab Republic and Turkey, the harvested irrigated crops area, equipped area actually irrigated, or equipped full/partial control irrigation area which are used for the calculation of cropping intensity refer to the same year (2003, 2004, 1999, 2000 and 2004 respectively).

TABLE 42
Land use and irrigation potential

Country	Total area		Cultivable area		Cultivated area (2005)		Irrigation potential	
	area	per inhabitant	area	per inhabitant	area	per inhabitant	area	in % of cultivable area
Unit	ha	ha/inhab	ha	ha/inhab	ha	ha/inhab	ha	%
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=100x(7)/(3)
Armenia	2 980 000	0.99	1 391 400	0.46	555 000	0.18	666 000	48
Azerbaijan	8 660 000	1.03	4 318 860	0.51	2 064 700	0.25	3 200 000	74
Bahrain	71 000	0.10	4 230	0.01	4 235	0.01	4 230	100
Georgia	6 970 000	1.56	2 987 473	0.67	1 066 000	0.24	725 000	24
Iran (Islamic Republic of)	174 515 000	2.51	51 000 000	0.73	18 107 000	0.26	15 000 000	29
Iraq	43 832 000	1.52	11 480 000	0.40	6 010 000	0.21	5 554 000	48
Israel	2 077 000	0.31	392 000	0.06	392 000	0.06	225 000	57
Jordan	8 878 000	1.56	886 400	0.16	270 000	0.05	85 000	10
Kuwait	1 782 000	0.66	154 000	0.06	7 050	0.00	25 000	16
Lebanon	1 040 000	0.29	360 000	0.10	328 000	0.09	177 500	49
Occupied Palestinian Territory	602 000	0.16	222 000	0.06	222 000	0.06	80 000	36
Gaza Strip	36 500	0.03	-	-	18 309	0.02	-	-
West Bank	565 500	0.25	-	-	166 702	0.10	-	-
Oman	30 950 000	12.06	2 200 000	0.86	58 850	0.02	58 850	3
Qatar	1 100 000	1.35	52 128	0.06	6 322	0.01	52 128	100
Saudi Arabia	214 969 000	8.75	52 684 000	2.14	1 213 586	0.05	1 730 767	3
Syrian Arab Republic	18 518 000	0.97	5 910 000	0.31	5 742 000	0.30	1 439 100	24
Turkey	78 356 000	1.07	28 054 000	0.38	26 606 000	0.36	8 500 000	30
United Arab Emirates	8 360 000	1.86	254 918	0.06	254 918	0.06	226 600	89
Yemen	52 797 000	2.52	3 617 753	0.17	1 188 888	0.06	679 650	19
Total region	**656 457 000**	**2.32**	**-**	**-**	**64 096 549**	**-**	**-**	**-**

TABLE 43
Population characteristics

Country	Population (2005)		Population density	Human Development Index (2005)	Part of economically active population		Part of economically active population in agriculture	
					Total	in % of total population	Total	in % of economically active population
Unit	inhabitants	% rural	inhabitants per km²		inhabitants	%	inhabitants	%
Armenia	3 016 000	36	101	0.775	1 522000	51	162 000	11
Azerbaijan	8 411 000	50	97	0.746	3 980 000	47	982 000	25
Bahrain	727 000	10	1 024	0.866	353 000	49	3 000	1
Georgia	4 474 000	49	64	0.754	2 287 000	51	395 000	17
Iran (Islamic Republic of)	69 515 000	32	40	0.759	27 594 000	39	6 689 000	24
Iraq	28 807 000	33	66		8 189 000	28	651 000	8
Israel	6 725 000	8	324	0.932	2 947 000	44	64 000	2
Jordan	5 703 000	21	64	0.773	1 975 000	35	194 000	10
Kuwait	2 687 000	4	151	0.891	1 469 000	55	15 000	1
Lebanon	3 577 000	12	344	0.772	1 337 000	37	35 000	3
Occupied Palestinian Territory	3 702 000	28	615	0.731	1 066 000	29	108 000	10
Gaza Strip	1 400 000	5	3 836	-	-	-	-	-
West Bank	2 302 000	47	407	-	-	-	-	-
Oman	2 567 000	21	8	0.814	977 000	38	317 000	32
Qatar	813 000	8	74	0.875	486 000	60	15 000	1
Saudi Arabia	24 573 000	12	11	0.812	8 694 000	35	600 000	7
Syrian Arab Republic	19 043 000	50	103	0.724	6 548 000	34	1 690 000	26
Turkey	73 193 000	33	93	0.775	35 190 000	48	14 994 000	43
United Arab Emirates	4 496 000	15	54	0.868	2 666 000	59	103 000	4
Yemen	20 975 000	74	40	0.508	6 820 000	33	3 091 000	45
Total region	**283 004 000**	**34**	**43**	**-**	**112 578 000**	**40**	**30 108 000**	**27**

TABLE 44
Renewable water resources

Country	Average annual precipitation		Annual renewable water resources				Dependency ratio
			Internal (IRWR)		Total (TRWR)		
	height	volume	volume	per inhabitant (2005)	volume	per inhabitant (2005)	
Unit	mm	million m³	million m³	m³/inhab	million m³	m³/inhab	%
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Armenia	592	17 642	6 859	2 274	7 769	2 576	11.7
Azerbaijan	447	38 710	8 115	965	34 675	4 123	76.6
Bahrain	83	59	4	6	116	160	96.6
Georgia	1 065	74 231	58 130	12 993	63 330	14 155	8.2
Iran (Islamic Republic of)	228	397 894	128 500	1 849	137 515	1 978	6.6
Iraq	216	94 677	35 200	1 222	75 610	2 625	53.4
Israel	435	9 035	750	112	1 780	265	57.9
Jordan	94	8 345	682	120	937	164	27.2
Kuwait	121	2 156	0	0	20	7	100.0
Lebanon	823	8 559	4 800	1 342	4 503	1 259	0.8
Occupied Palestinian Territory	402	2 420	812	219	837	222	3.0
Gaza Strip	300	110	46	33	71	51	35.2
West Bank	**409**	**2 313**	**766**	**333**	**766**	**333**	**0.0**
Oman	62	19 189	1 400	545	1 400	545	0.0
Qatar	80	880	56	69	58	71	3.5
Saudi Arabia	114	245 065	2 400	98	2 400	98	0.0
Syrian Arab Republic	252	46 665	7 132	375	16 797	882	72.4
Turkey	643	503 829	227 000	3 101	213 562	2 918	1.0
United Arab Emirates	78	6 521	150	33	150	33	0.0
Yemen	167	88 171	2 100	100	2 100	100	0.0
Total region	**238**	**1 564 048**	**484 090**	**1 711**	-	-	-

TABLE 45
Water withdrawals by sector

Country	Year	Annual water withdrawal							
		Agriculture		Municipalities		Industries		Total	
		volume	% of total	volume	% of total	volume	% of total	volume	per inhabitant
Unit		million m³	%	million m³	%	million m³	%	million m³	m³/inhab
		(1)	(2)= 100x(1)/(7)	(3)	(4)= 100x(3)/(7)	(5)	(6)= 100x(5)/(7)	(7)= (1)+(3)+(5)	(10)
Armenia	2006	1 859	66	843	30	125	4	2 827	937
Azerbaijan	2005	9 330	76	521	4	2 360	19	12 211	1 452
Bahrain	2003	159	45	178	50	20	6	357	506
Georgia	2005	1 055	65	358	22	208	13	1 621	362
Iran (Islamic Republic of)	2004	86 000	92	6 200	7	1 100	1	93 300	1 356
Iraq	2000	52 000	79	4 300	7	9 700	15	66 000	2 632
Israel	2004	1 129	58	712	36	113	6	1 954	296
Jordan	2005	611	65	291	31	38	4	941	165
Kuwait	2002	492	54	401	44	21	2	913	375
Lebanon	2005	780	60	380	29	150	11	1 310	366
Occupied Palestinian Territory	2005	189	45	200	48	29	7	418	113
Gaza Strip	2000	85	64	42	32	6	5	133	128
West Bank	2000	89	57	59	38	9	5	157	92
Oman	2003	1 168	88	134	10	19	1	1 321	526
Qatar	2005	262	59	174	39	8	2	444	546
Saudi Arabia	2006	20 826	88	2 130	9	710	3	23 666	963
Syrian Arab Republic	2003	14 669	88	1 426	9	595	4	16 690	921
Turkey	2003	29 600	74	6 200	15	4 300	11	40 100	563
United Arab Emirates	2005	3 312	83	617	15	69	2	3 998	889
Yemen	2000	3 060	90	272	8	68	2	3 400	187
Total region		**226 501**	**83**	**25 337**	**9**	**19 633**	**7**	**271 472**	**963**

TABLE 46
Water withdrawals by source

Country	Year	Freshwater							Other sources of water									Total withdrawal by source	
		Surface water		Groundwater		Total			Desalinated water			Reused treated wastewater			Reused agricultural drainage water				
		Volume	% of total	Volume	% of total	Volume	% of total	MDG Water Indicator	Year	Volume	% of total	Year	Volume	% of total	Year	Volume	% of total	Year	Volume
Unit		million m³	%	million m³	%	million m³	%	%		million m³	%		million m³	%		million m³	%		million m³
Armenia	2006	2 216	78	611	22	2 827	100	36			0.0	1994	0.1	0.0				2006	2 827
Azerbaijan	2004	10 733	93	707	6	12 050	99	35			0.0	2005	161	1.3				2005	12 211
Bahrain	2003	0	0	239	67	239	67	206	2003	102	28.7	2005	16	4.6				2003	357
Georgia	2005	1 072	66	549	34	1 621	100	3	-		0.0		0	0.0				2005	1 621
Iran (Islamic Republic of)	2004	40 000	43	53 100	57	93 100	100	68	2004	200	0.2			0.0				2004	93 300
Iraq	2000	-	-	-	-	64 493	98	85	1997	7	0.0			0.0	1997	1 500	2.3	2000	66 000
Israel	2004	-	-	-	-	1 552	79	87	2007	140	1.3	2002	262	13.4				2004	1 954
Jordan	2005	294	31	553	59	848	90	91	2005	10	1.0	2005	84	8.9				2005	941
Kuwait	2002	0	0	415	45	415	45	2 075	2002	420	46.0	2002	78	8.5				2002	913
Lebanon	2005	396	30	700	53	1 096	84	24	2006	47	3.6	2006	2	0.2	2001	165	12.6	2005	1 310
Occupied Palestinian Territory	2005	-	-	-	-	408	98	49	-		0.0	1998	10	2.4				2005	418
Gaza Strip	2000			123	92	123	92	173	-		0.0	1998	10	7.5				2000	133
West Bank	2000			157	100	157	100	21	-		0.0							2000	157
Oman	2003	0	0	1 175	89	1 175	89	84	2006	109	8.0	2006	37	2.7				2003	1 321
Qatar	2005	0	0	221	50	221	50	381	2005	180	40.5	2005	43	9.7				2005	444
Saudi Arabia	2006	1 100	5	21 367	90	22 467	95	936	2006	1 033	4.4	2006	166	0.7				2006	23 666
Syrian Arab Republic	2003		-		-	13 894	83	83	-		0.0	2002	550	3.3	2004	2 246	13.5	2003	16 690
Turkey	2000	31 500	73	10 500	24	39 100	98	18	1990	1	0.0	2006	1000	2.5				2003	40 100
United Arab Emirates	2005	0	0	2 800	70	2 800	70	1 867	2005	950	23.8	2005	248	6.2				2005	3 998
Yemen	2000	987	29	2 397	71	3 384	100	161	2000	10	0.3	2000	6	0.2				2000	3 400
Total region		**88 297**		**95 614**		**261 688**	**96**	**-**	**-**	**3 210**	**1.2**		**2662.8**	**0.98**		**3 911**	**1.4**		**271 472**

TABLE 47
Area under irrigation

Country / Unit	Year	Full/partial control irrigation	Spate irrigation	Equipped lowlands	Total equipped for irrigation	% of cultivated area	Part of equipped actually irrigated	Annual increase rate
		ha	ha	ha	ha	%	%	%
		(1)	(2)	(3)	(4)=(1)+(2)+(3)	(5)	(6)	(7)
Armenia	2006	273 530	-	-	273 530	49.3	64.0	-0.4
Azerbaijan	2003	1 426 000	-	-	1 426 000	69.1	-	-0.2
Bahrain	2000	4 015	-	-	4 015	94.8	100.0	4.0
Georgia	2007	401 290	-	31 500	432 790	40.6	-	-0.7
Iran (Islamic Republic of)	2003	8 131 564	-	-	8 131 564	46.0	-	1.1
Iraq	1990	3 525 000	-	-	3 525 000	59.0	97.0	-
Israel	2004	225 000	-	-	225 000	57.0	-	2.1
Jordan	2004	78 860	-	-	78 860	26.8	91.0	-0.9
Kuwait	2003	7 050	-	-	7 050	100.0	-	4.4
Lebanon	2000	90 000	-	-	90 000	27.1	-	0.4
Occupied Palestinian Territory	2003	24 000	-	-	24 000	11.0	-	-
Gaza Strip	2003	11 400	-	-	11 400	-	-	-
West Bank	2003	12 600	-	-	12 600	-	-	-
Oman	2005	58 850	-	-	58 850	100.0	-	-0.4
Qatar	2001	12 935	-	-	12 935	200.0	47.0	0.4
Saudi Arabia	2000	1 730 767	-	-	1 730 767	143.0	69.0	0.9
Syrian Arab Republic	2004	1 439 100	-	-	1 439 100	26.0	-	3.2
Turkey	2006	4 970 000	-	13 000	4 983 000	19.0	87.0	1.3
United Arab Emirates	2003	226 600	-	-	226 600	88.9	-	13.0
Yemen	2004	454 310	217 541	7 799	679 650	57.2	67.0	3.5
Total region		**23 078 871**	**217 541**	**52 299**	**23 348 711**		**-**	**-**

TABLE 48
Water managed area

Country	Year	Area equipped for irrigation (table 43)	Non equipped cultivated wetlands and valley bottoms	Non equipped flood recession cropping area	Total water managed area	% of irrigation potential	% of cultivated area
Unit		ha	ha	ha	ha	%	%
		(1)	(2)	(3)	(4)=(1)+(2)+(3)	(5)	(6)
Armenia	2006	273 530	-	-	273 530	41	64
Azerbaijan	2003	1 426 000	-	-	1 426 000	45	69
Bahrain	2000	4 015	-	-	4 015	95	95
Georgia	2007	432 790	-	-	432 790	60	41
Iran (Islamic Republic of)	2003	8 131 564	-	10 000	8 141 564	54	46
Iraq	1990	3 525 000	-	-	3 525 000	63	59
Israel	2004	225 000	-	-	225 000	-	
Jordan	2004	78 860	-	-	78 860	93	27
Kuwait	2003	7 050	-	-	7 050	28	100
Lebanon	2000	90 000	-	-	90 000	51	27
Occupied Palestinian Territory	2003	24 000	-	-	24 000	30	11
Gaza Strip	2003	11 400	-	-	11 400	60	-
West Bank	2003	12 600	-	-	12 600	21	-
Oman	2005	58 850	-	-	58 850	-	100
Qatar	2001	12 935	-	-	12 935	25	200
Saudi Arabia	2000	1 730 767	-	-	1 730 767	-	143
Syrian Arab Republic	2004	1 439 100	-	-	1 439 100	-	26
Turkey	2006	4 983 000	-	-	4 983 000	57	19
United Arab Emirates	2003	226 600	-	-	226 600	-	89
Yemen	2004	679 650	-	-	679 650	-	57
Total region		**23 348 711**	**0**	**10 000**	**23 358 711**	**-**	

TABLE 49
Full/partial control irrigation techniques

Country	Year	F/p control – equipped	Year	Full/partial control irrigation – equipped area		
		Total**		Surface irrigation	Sprinkler irrigation	Localized irrigation
Unit		ha		ha	ha	ha
Armenia	2006	273 530	2006	247 530	25 000	1 000
Azerbaijan	2003	1 426 000	1995	1 301 700	149 000	2 618
Bahrain	2000	4 015	2000	3 390	160	465
Georgia	2007	401 290	2007	372 980	0	28 310
Iran (Islamic Republic of)	2003	8 131 564	2003	7 431 564	280 000	420 000
Iraq	1990	3 525 000	1994	-	-	8 000
Israel	2004	225 000	2004	-	-	168 750
Jordan	2004	78 860	2004	13 860	1 000	64 000
Kuwait	2003	7 050	1994	3 020	600	1 150
Lebanon	2000	90 000	2000	57 200	25 100	7 700
Occupied Palestinian Territory	2003	24 000	-	-	-	-
Gaza Strip	-	11 400	-	-	-	-
West Bank	-	12 600	-	-	-	-
Oman	2005	58 850	2004	46 658	6 654	5 538
Qatar	2001	12 935	2001	9 707	1 813	1 415
Saudi Arabia	2000	1 730 767	1992	547 000	1 029 000	32 000
Syrian Arab Republic	2004	1 439 100	2004	1 251 400	130 200	57 500
Turkey	2006	4 970 000	2006	4 572 400	298 200	99 400
United Arab Emirates	2003	226 600	2003	27 100	4 000	195 500
Yemen	2004	454 310	2004	453 825	0	485
Total region*		**23 078 871**		**16 339 334**	**1 950 727**	**917 081**

* Iraq, Israel and Occupied Palestinian Territory not included in the totals of the different techniques.
** For Azerbaijan, Iraq, Kuwait, Oman and Saudi Arabia, the year of the total area under full/partial control irrigation is different from the year for the different techniques.

TABLE 50
Origin of full/partial control irrigation water

Country	Year	Surface water		Groundwater		Mixed surface water and groundwater		Non - conventional sources of water	
		Area	% of f/p control area	Area	% of f/p control area	Area	% of f/p control area	Area	% of f/p control area
Unit		ha		ha		ha		ha	
Armenia	2006	246 180	90	27 350	10	-	-	-	-
Azerbaijan	1995	1 357 000	93	96 700	7	-	-	-	-
Bahrain	2003	-	0	3 614	90	-	-	402	10
Georgia	2007	401 290	100	-	0	-	-	-	0
Iran (Islamic Republic of)	2003	3 078 054	38	5 053 510	62	-	-	-	-
Iraq	1990	3 306 000	94	219 000	6	-	-	-	-
Israel		-	-	-	-	-	-	-	-
Jordan	2004	24 360	31	42 000	53	-	-	12 500	16
Kuwait	1994	-	0	2 910	61	-	-	1 860	39
Lebanon	2000	40 000	45	20 000	22	30 000	33	-	-
Occupied Palestinian Territory	2003	-	-	24 000	100	-	-	-	-
Gaza Strip	2003	-	-	11 400	100	-	-	-	-
West Bank	2003	-	-	12 600	100	-	-	-	-
Oman	2005	-	0	58 850	100	-	-	-	0
Qatar	2001	-	-	12 077	93	-	-	858	7
Saudi Arabia	2000	-	0	1 678 844	97	-	-	51 923	3
Syrian Arab Republic	2004	-	0	864 700	60	574 400	40	-	-
Turkey	2005	3 810 867	78	899 248	19	-	-	150 685	3
United Arab Emirates	2003	-	0	226 600	100	-	-	-	0
Yemen	2004	-	0	454 310	100	-	-	-	0
Total region		**12 263 751**	**54**	**9 683 713**	**43**	**604 400**	**2**	**218 228**	**1**

TABLE 51

Harvested irrigated crops on full/partial control areas

Country	Year	Equipped F/P control irrigation	Year	F/P equipped area actually irrigated	Year	Wheat	Barley	Maize	Rice	Other cereals	Vegetables including roots and tubers	Pulses	Fodder	Sugar cane	Cotton	Citrus	Bananas	Olives	Dates	Other annual crops	Other perennial crops	TOTAL	Cropping intensity (equipped area)	Cropping intensity (actually irrigated)
		ha		ha		ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	%	%
Armenia	2006	273 530	2006	176 000	2006	35 000	5 900	3 100			47 400	2 000	26 000							5 700	50 900	176 000	64	100
Azerbaijan	2003	1 426 000			2004	610 919	158 909	33 194	2 573	9 302	146 246				78 161					250 810	101 407	1 391 521	98	
Bahrain	2000	4 015	2000	4 015	2000						1 015		790								2 210	4 015	100	100
Georgia	2007	401 290			2006																	126 060	31	
Iran (Islamic Republic of)	2003	8 131 564			2003	2 634 106	607 485	275 941	628 105	65	951 315	159 716	878 181	63 385	143 233	213 348	2 889			980 752	1 054 033	8 592 554	106	
Iraq	1990	3 525 000			1998	717 000	785 000	60 000	126 000	7 000	252 000	26 000		3 000	19 000	72 000				76 000	285 000	2 428 000	69	
Israel	2004	225 000			2000						37 670									79 520	73 060	190 250	85	
Jordan	2004	78 860	2004	72 009	2004	1 676	684				34 429	927				6 638	1 900			6 193	46 582	99 029	126	138
Kuwait	2003	7 050			2006	290	1 263				4 420								1 589	390	103	8 055	106	
Lebanon	2000	90 000			2003	16 940	5 140	3 490		61	37 663	4 310				16 426	2 754			13 609	4 900	105 293	117	
Occupied Palestinian Territory	2001	20 073			1997						12 759					6 261	577			2 839	1 585	24 021	120	
Gaza Strip																								
West Bank																								
Oman	2004	58 850			2007	311	1 171			5 601	5 539		15 817	40		1 232	2 436		32 759		2 182	67 087	108	
Qatar	2001	12 935	2004	6 322	2004	10	1 027	93		204	1 345		2 544			140					1 565	6 928	54	110
Saudi Arabia	2000	1 730 767	1999	1 191 351	2006	490 272	22 091	12 123		150 093	127 831		207 298			10 848				2 216	190 815	1 213 587	70	101
Syrian Arab Republic	2004	1 439 100			2000	694 469					114 982	7 271	100 974		270 290	27 338		28 994		26 064	63 883	1 334 265	105	
Turkey	2006	4 970 000	2006	4 320 000	2004	172 000	86 000	545 000	71 000		977 000	260 000	475 000		640 000	110 000				641 000	229 000	4 206 000	85	100
United Arab Emirates	2003	226 600			2003	6					8 083		2 801						185 330	30 218	2 083	228 521	101	
Yemen	2004	454 310	2004	454 310	2004	41 903	11 223	19 234		50 835	72 364	26 832	70 772		17 246	11 252	8 837			22 375	174 165	527 038	116	116
Total region						**5 414 902**	**1 685 893**	**952 175**	**827 678**	**223 161**	**2 832 061**	**487 056**	**1 780 177**	**66 425**	**1 167 930**	**475 483**	**19 393**	**28 994**	**219 678**	**2 137 686**	**2 283 473**	**20 728 224**		

TABLE 52
Middle East compared to the world

Variable	Unit	Middle East	World	Middle East as % of the world
Total area 2005	1 000 ha	656 457	13 443 403	4.9
Cultivated area	1 000 ha	64 097	1 561 682	4.1
- in % of total area	%	10	12	-
- per inhabitant	ha	0.23	0.24	-
- per economic active person engaged in agriculture	ha	2.13	1.15	-
Total population 2005	inhabitants	283 004 000	6 464 750 000	4.4
Population growth 2004-2005	%/year	1.8	1.2	-
Population density	inhabitants/km²	43	48	-
Rural population as % of total population	%	34	51	-
Economically active population engaged in agriculture	%	27	21	-
Precipitation	km³/year	1 543	110 000	1.4
	mm/year	235	818	-
Internal renewable water resources	km³/ year	484	43 658	1.1
- per inhabitant	m³/year	1 711	6 753	-
Actual total renewable water resources	km³/ year	564	55 250	1.0
Total water withdrawal by sector	km³/year	271	3 871	7.0
- agricultural	km³/year	227	2 694	8.4
- in % of total water withdrawal	%	83	70	-
- domestic	km³/year	25	387	6.5
- in % of total water withdrawal	%	9	10	-
- industrial	km³/year	20	790	2.5
- in % of total water withdrawal	%	7	20	-
Total water withdrawal by source	km³/year	271	3 871	7.0
- total freshwater	km³/year	262	3 844	6.8
- in % of internal renewable water resources	%	54	9	-
- in % of total actual renewable water resources	%	46	7	-
- desalinated water	km³/year	3	6	54.0
- reused treated wastewater	km³/year	3	22	12.1
Irrigation	ha	23 348 711	280 375 100	8.3
- in % of cultivated area	%	36	18	-

Regional figures

EXPLANATORY NOTES

Figure 7 – Regional division of the world adopted by AQUASTAT

➢ This is the regional division as given in FAO. 2003. Review of world water resources by country. *Water Report 23*. FAO, Rome. 110 pp.

Figure 18 – Annual freshwater withdrawal as percentage of total actual renewable water resources

➢ Values over 100 percent indicate that more freshwater is withdrawn than the quantity annually renewed on a long-term basis, thus depleting the freshwater resources and using fossil groundwater. At country level, Kuwait has by far the highest value, 2 075 percent, meaning that large use is made of fossil groundwater. The United Arab Emirates and Saudi Arabia follow, with 1 867 percent and 936 percent respectively. For Qatar, Bahrain, Gaza Strip and Yemen, the values are 381 percent, 206 percent, 173 percent and 161 percent respectively.

FIGURE 7
Regional division of the world adopted by AQUASTAT