



Country / Territory	Total population (1000 inhab)			Precipitation	Internal Renewable Water Resources (IRWR)							Total Actual Renewable water Resources (TARWR)						Proportion of renewable water resources withdrawn: MDG Water Indicator *****
	1990	2000	2006	Long-term annual average	IRWR	Surface water (produced internally)		Groundwater (produced internally)		Overlap between surface and groundwater		TARWR	Dependency ratio	TARWR per capita				
	(1000 inhab)	(1000 inhab)	(1000 inhab)	(mm/yr)	(km <sup>3</sup> /yr)	(km <sup>3</sup> /yr)	as % of IRWR	(km <sup>3</sup> /yr)	as % of IRWR	(km <sup>3</sup> /yr)	as % of IRWR	(km <sup>3</sup> /yr)	(%)	(m <sup>3</sup> /yr) 1990	(m <sup>3</sup> /yr) 2000	(m <sup>3</sup> /yr) 2006		
	(1)	(2)	(3)	(4)	(5)	(6)=(7)+(9)+(11)	(7)	(8)=100*(7)/(6)	(9)	(10)=100*(9)/(6)	(11)	(12)=100*(11)/(6)	(13)	(14)	(15)=1000000*(13)/(1)	(16)=1000000*(13)/(3)	(17)=1000000*(13)/(4)	
Guyana	731	734	739	2 400	241	241	100	103	43	103	43	241	0%	329 857	328 160	326 088	1%	
Haiti	7 110	8 573	9 446	1 450	13	11	83	2	17	--	--	14	7%	1 973	1 636	1 485	7%	
Holy See	1	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hungary	10 365	10 214	10 058	600	6	6	100	6	100	6	100	104	94%	10 034	10 182	10 340	7%	
Iceland	255	281	298	1 950	170	166	98	24	14	20	12	170	0%	667 208	604 799	569 650	0%	
India	860 195	1 046 235	1 151 751	1 100	1 261	1 222	97	419	33	380	30	1 897	34%	2 205	1 813	1 647	34%	
Indonesia	182 847	211 693	228 864	2 700	2 838	2 793	98	455	16	410	14	2 838	0%	15 521	13 406	12 400	3%	
Iran (Islamic Republic of)	56 674	66 125	70 270	250	129	97	76	49	38	18	14	138	7%	2 426	2 080	1 957	68%	
Iraq	18 515	25 052	28 506	200	35	34	97	3	9	2	6	76	53%	4 084	3 018	2 652	--	
Ireland	3 515	3 804	4 221	1 100	49	48	98	11	22	10	20	52	6%	14 795	13 670	12 319	2%	
Israel	4 514	6 084	6 810	450	1	0	39	1	67	0	0	2	58%	394	293	261	87%	
Italy	56 719	57 692	58 779	850	183	171	93	43	24	31	17	191	5%	3 373	3 316	3 255	23%	
Jamaica	2 369	2 589	2 698	2 050	9	6	56	4	41	0	0	9	0%	3 970	3 632	3 485	4%	
Japan	123 537	127 034	127 953	1 650	430	420	98	27	6	17	4	430	0%	3 481	3 385	3 361	20%	
Jordan	3 254	4 799	5 729	100	1	0	71	0	66	0	37	1	27%	288	195	164	90%	
Kazakhstan	16428588*	14 954	15 314	250	75	69	92	6	8	0	0	110	31%	6 672	7 330	7 157	30%	
Kenya	23 447	31 252	36 553	650	21	20	98	4	17	3	14	31	33%	1 309	982	840	9%	
Kiribati	72	84	94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Kuwait	2 143	2 228	2 779	0	0	0	0	0	--	0	0	0	100%	9	9	7	2075%	
Kyrgyzstan	4 478	4946.446*	5 259	550	46	44	95	14	29	11	24	21	0%	4 596	4 161	3 914	49%	
Lao People's Democratic Republic	4 076	5 224	5 759	1 850	200	190	100	38	20	38	20	334	43%	81 827	63 850	57 914	1%	
Latvia	2 612	2378.853*	2 289	650	17	17	99	2	13	2	12	35	53%	13 572	14 902	15 486	1%	
Lebanon	2 974	3 772	4 055	650	5	4	85	3	67	3	52	5	1%	1 514	1 194	1 110	--	
Lesotho	1 601	1 886	1 995	800	5	5	100	1	10	1	10	3	0%	1 887	1 603	1 515	2%	
Liberia	2 137	3 071	3 579	2 400	200	200	100	45	23	45	23	232	14%	108 578	75 543	64 824	0%	
Libyan Arab Jamahiriya	4 364	5 346	6 039	650	1	0	33	1	83	0	17	1	0%	137	112	99	711%	
Liechtenstein	39	33	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Lithuania	3 693	3502.637*	3 408	650	16	15	99	1	8	1	6	25	38%	6 742	7 109	7 306	1%	
Luxembourg	382	437	461	950	1	1	100	0	8	0	8	3	68%	8 118	7 097	6 719	1%	
Madagascar	12 033	16 187	19 159	1 500	337	332	99	55	16	50	15	337	0%	28 006	20 820	17 590	4%	
Malawi	9 446	11 623	13 571	1 200	16	16	100	3	15	3	15	17	7%	1 829	1 487	1 273	6%	
Malaysia	18 103	23 274	26 114	2 900	580	566	98	64	11	50	9	580	0%	32 038	24 921	22 211	2%	
Maldives	216	273	300	1 950	0	0	0	0	100	0	0	0	0%	139	110	100	11%	
Mali	7 669	10 004	11 968	300	60	50	83	20	33	10	17	100	40%	13 040	9 996	8 355	7%	
Malta	360	389	405	550	0	0	1	0	99	0	0	0	0%	140	130	125	35%	
Marshall Islands	47	52	58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Mauritania	1 945	2 566	3 044	100	0	0	25	0	75	0	0	11	96%	5 860	4 442	3 746	15%	
Mauritius	1 057	1 186	1 252	2 050	3	2	86	1	32	1	18	3	0%	2 603	2 320	2 198	26%	
Mexico	84 002	99 735	105 342	750	409	361	88	139	34	91	22	457	11%	5 443	4 584	4 340	17%	
Micronesia (Federated States of)	96	107	111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Monaco	30	32	33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Mongolia	2 216	2 470	2 605	250	35	33	94	6	18	4	11	35	0%	15 703	14 092	13 361	1%	
Morocco	24 808	28 827	30 853	350	29	22	76	10	34	3	10	29	0%	1 169	1 006	940	43%	
Mozambique	13 544	18 194	20 971	1 050	100	97	97	17	17	14	14	217	54%	16 031	11 933	10 353	0%	
Myanmar	40 147	45 884	48 379	2 100	881	875	99	156	18	150	17	1 046	16%	26 044	22 788	21 613	3%	
Namibia	1 417	1 879	2 047	300	6	4	67	2	34	0	1	18	65%	12 498	9 426	8 656	2%	
Nauru	9	10	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nepal	19 114	24 419	27 641	1 500	198	198	100	20	10	20	10	210	6%	10 997	8 608	7 605	5%	
Netherlands	14 952	15 924	16 379	800	11	11	100	5	41	5	41	91	88%	6 086	5 715	5 556	9%	
New Zealand	3 411	3 854	4 140	1 750	327	--	--	--	--	--	--	327	0%	95 874	84 846	78 993	1%	
Nicaragua	4 141	5 108	5 532	2 400	190	186	98	59	31	55	29	197	4%	47 499	38 505	35 553	1%	
Niger	7 822	11 124	13 737	150	4	1	29	3	71	0	0	34	90%	4 302	3 025	2 450	6%	
Nigeria	94 454	124 773	144 720	1 150	221	214	97	87	39	80	36	286	23%	3 030	2 294	1 978	3%	
Niue	2	2	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Norway	4 241	4 489	4 669	1 400	382	376	98	96	25	90	24	382	0%	90 063	85 102	81 822	1%	
Occupied Palestinian Territory	2 154	3 149	3 889	400	1	0	91	0	91	0	0	1	----	388	266	215	49%	
Oman	1 843	2 402	2 546	150	1	1	75	1	93	1	68	1	0%	760	583	550	84%	
Pakistan	112 991	144 360	160 943	500	55	47	86	55	100	47	86	225	76%	1 994	1 560	1 400	75%	
Palau	15	19	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Panama	2 411	2 950	3 288	2 700	147	144	98	21	14	18	12	148	0%	61 379	50 164	45 012	1%	
Papua New Guinea	4 131	5 381	6 202	3 150	801	801	100	--	--	--	--	801	0%	193 900	148 851	129 158	0%	
Paraguay	4 248	5 349	6 016	1 150	94	94	100	41	44	41	44	336	72%	79 103	62 811	55 854	0%	
Peru	21 762	25 663	27 589	1 750	1 616	1 616	100	303	19	303	19	1 913	16%	87 905	74 544	69 340	1%	
Philippines	61 226	76 213	86 264	2 350	479	444	93	180	38	145	30	479	0%	7 823	6 285	5 553	6%	
Poland	38 111	38 433	38 140	600	54	53	99	13	23	12	22	62	13%	1 616	1 603	1 615	26%	
Portugal	9 983	10 227	10 579	850	38	38	100	4	11	4	11	69	45%	6 882	6 717	6 494	16%	
Qatar	467	821	900	0	0	0	0	0	100	0	0	0	3%	124	94	71	381%	
Republic of Korea	42 869	46 780	48 050	1 250	65	62	96	13	21	11	16	70	7%	1 626	1 490	1 451	27%	
Republic of Moldova	4410.836*	4 145	3 833	450	1	1	100	0	40	0	40	12	91%	2 641	2 810	3 040	20%	
Romania	23 207	22 138	21 532	650	42	42	99	8	20	8	19	212	80%	9 132	9 573	9 843	11%	

## Water resource information by country/territory and MDG Water Indicator

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	1990	2000	2006	Long-term annual average	IRWR	Surface water (produced internally)		Groundwater (produced internally)		Overlap between surface and groundwater		TARWR	Dependency ratio	TARWR per capita				
	(1000 inhab)	(1000 inhab)	(1000 inhab)	(mm/yr)	(km <sup>3</sup> /yr)	(km <sup>3</sup> /yr)	as % of IRWR	(km <sup>3</sup> /yr)	as % of IRWR	(km <sup>3</sup> /yr)	as % of IRWR	(km <sup>3</sup> /yr)	(%)	(m <sup>3</sup> /yr) 1990	(m <sup>3</sup> /yr) 2000	(m <sup>3</sup> /yr) 2006		
(1)	(2)	(3)	(4)	(5)	(6)=(7)+(9)-(11)	(7)	(8)=100*(7)/(6)	(9)	(10)=100*(9)/(6)	(11)	(12)=100*(11)/(6)	(13)	(14)	(15)=1000000*(13)/(2)	(16)=1000000*(13)/(3)	(17)=1000000*(13)/(4)	(18)	
Russian Federation	149323.084*	147 423	143 221	450	4 313	4 037	94	788	18	512	12	4 507	4%	30 185	30 574	31 471	2%	
Rwanda	7 294	8 176	9 464	1 200	10	10	100	7	74	7	74	10	0%	1 302	1 162	1 004	2%	
Saint Kitts and Nevis	41	46	50	1 450	0	0	17	0	83	0	0	0	0%	590	521	482	--	
Saint Lucia	138	153	163	2 300	--	--	--	--	--	--	--	--	0%	--	--	--	--	
Serbia and Montenegro *****	10429.246*	10 801	10470.995**	800	44	42	96	3	7	1	3	209	79%	19 992	19 304	19 912	--	
Seychelles	72	81	86	2 350	--	--	--	--	--	--	--	--	0%	--	--	--	--	
Sierra Leone	4 087	4 521	5 743	2 550	160	150	94	25	16	15	9	160	0%	39 146	35 387	27 861	0%	
Singapore	3 016	4 017	4 382	2 500	1	--	--	--	--	--	--	1	0%	199	149	137	32%	
Slovakia	5303.977*	5 388	5 388	800	13	13	100	2	14	2	14	50	75%	9 446	9 299	9 298	--	
Slovenia	0	1 984	2 001	1 150	19	19	99	14	72	13	72	32	41%	--	16 067	15 928	--	
Solomon Islands	314	415	484	3 050	45	--	--	--	--	--	--	45	0%	142 538	107 600	92 351	--	
Somalia	6 717	7 055	8 445	300	6	6	95	3	55	3	50	15	59%	2 189	2 084	1 741	22%	
South Africa	36 577	45 398	48 282	500	45	43	96	5	11	3	7	50	10%	1 367	1 101	1 036	25%	
Spain	38 851	40 229	43 887	650	111	110	98	30	27	28	25	111	0%	2 870	2 772	2 541	32%	
Sri Lanka	17 114	18 714	19 207	1 700	50	49	98	8	16	7	14	50	0%	2 922	2 672	2 603	25%	
Sudan	25 933	33 349	37 707	400	30	28	93	7	23	5	17	65	77%	2 487	1 934	1 711	58%	
Suriname	402	436	455	2 350	88	88	100	80	91	80	91	122	28%	303 221	279 532	267 971	1%	
Swaziland	865	1 058	1 134	800	3	3	100	1	25	1	25	5	41%	5 215	4 262	3 978	23%	
Sweden	8 559	8 868	9 078	600	171	170	99	20	12	19	11	174	2%	20 330	19 622	19 167	2%	
Switzerland	6 834	7 263	7 455	1 550	40	40	100	3	6	3	6	54	24%	7 828	7 366	7 177	5%	
Syrian Arab Republic	12720.92*	16 511	19 408	250	7	4	60	5	68	2	28	17	72%	1 320	1 017	865	--	
Tajikistan	5 519	6 173	6 640	700	66	63	95	6	9	3	5	16	17%	2 896	2 589	2 407	75%	
Thailand	54 291	60 666	63 444	1 600	210	199	95	42	20	31	15	410	49%	7 551	6 757	6 462	21%	
The former Yugoslav Republic of Macedonia	1934.211*	2 009	2 036	600	5	5	100	--	--	--	--	6	16%	3 309	3 185	3 143	--	
Timor-Leste	740	819	1 114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Togo	3 961	5 403	6 410	1 150	12	11	94	6	50	5	43	15	22%	3 711	2 721	2 293	1%	
Tonga	95	98	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Trinidad and Tobago	1 224	1 301	1 328	2 200	4	--	--	--	--	--	--	4	0%	3 138	2 953	2 891	8%	
Tunisia	8 219	9 564	10 215	200	4	3	74	1	36	0	10	5	9%	559	480	450	57%	
Turkey	57 345	68 158	73 922	600	227	186	82	69	30	28	12	214	1%	3 724	3 133	2 889	18%	
Turkmenistan	3884.875*	4 502	4 899	150	1	1	74	0	26	0	0	25	97%	6 363	5 491	5 045	100%	
Tuvalu	9	10	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Uganda	17 841	24 690	29 899	1 200	39	39	100	29	74	29	74	66	41%	3 699	2 673	2 207	0%	
Ukraine	51521.482*	48 854	46 557	550	53	50	94	20	38	17	32	140	62%	2 709	2 856	2 997	27%	
United Arab Emirates	1 867	3 247	4 248	100	0	0	100	0	80	0	80	0	0%	80	46	35	1867%	
United Kingdom	57 237	58 868	60 512	1 200	145	144	99	10	7	9	6	147	1%	2 568	2 497	2 429	6%	
United Republic of Tanzania	25 494	33 849	39 459	1 050	84	80	95	30	36	26	31	96	13%	3 776	2 844	2 440	5%	
United States of America	256 098	284 857	302 841	700	2 800	2 662	95	1 300	46	1 162	42	3 051	8%	11 913	10 711	10 075	16%	
Uruguay	3105.559*	3 318	3 331	1 250	59	59	100	23	39	23	39	139	58%	44 758	41 890	41 727	2%	
Uzbekistan	21 509	24 724	26 981	200	16	10	58	9	54	2	12	50	77%	2 344	2 039	1 868	116%	
Vanuatu	149	190	221	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Venezuela (Bolivarian Republic of)	19 731	24 402	27 191	1 900	722	700	97	227	31	205	28	1 233	41%	62 500	50 535	45 352	1%	
Viet Nam	66 173	79 094	86 206	1 800	367	354	96	48	13	35	10	891	59%	13 468	11 268	10 338	8%	
Yemen	12 314	18 182	21 732	150	2	2	95	2	71	1	67	2	0%	171	116	97	161%	
Zambia	8 122	10 451	11 696	1 000	80	80	100	47	59	47	59	105	24%	12 952	10 066	8 994	2%	
Zimbabwe	10 487	12 656	13 228	650	12	11	92	6	49	5	41	20	39%	1 907	1 580	1 512	21%	

\* Population data from 1992  
 \*\* Population data from 2005  
 \*\*\* Dependency ratio refers to Mainland China only. Dependency ratio for Taiwan = 0%  
 \*\*\*\* Dependency ratio for West Bank = 0%, for Gaza Strip = 35%  
 \*\*\*\*\* Serbia and Montenegro are presented together as their water resource data is aggregated at this time.  
 \*\*\*\*\* For most countries latest data on water withdrawal refer to the year 2000.  
 For some countries data are available for more recent years.

Definitions of the different water resources variables can be found in the AQUASTAT glossary at <http://www.fao.org/nr/water/aquastat/data/glossary/search.html>  
 Source: FAO-AQUASTAT 2009