Freshwater Withdrawal by Country and Sector (2013 Update)

Description

As with data table 1, this table on freshwater withdrawals has appeared in some form in every volume of *The World's Water* and remains highly popular. The use of water varies greatly from country to country and from region to region. Data on water use by regions and by different economic sectors are among the most sought after in the water resources area. Ironically, these data are often the least reliable and most inconsistent of all water resources information. This table includes the data available on total freshwater withdrawals by country in cubic kilometers per year and cubic meters per person per year, using national population estimates from 2010. The table also gives the breakdown of that water use by the municipal, agricultural, and industrial sectors, in both percentage of total water use and cubic meters per person per year. Note that "municipal" withdrawals were previously called "domestic" withdrawals and now often include some estimates of commercial and institutional use in the single category.

Data for a number of countries have been updated in this table since the previous volume of *The World's Water*. The AQUASTAT database of the Food and Agriculture Organization of the United Nations (FAO) continues to provide the bulk of the data, but we also work to update water-use data using country-specific sources. The data sources are explicitly identified.

"Withdrawal" typically refers to water taken from a water source for use. It does not refer to water "consumed" in that use. The domestic sector typically includes household and municipal uses as well as commercial and governmental water use. The industrial sector includes water used for power plant cooling and industrial production. The agricultural sector includes water for irrigation and livestock.

Limitations

Extreme care should be used when applying these data. They come from a wide variety of sources and are collected using a wide variety of approaches, with few formal standards. As a result, this table includes data that are actually measured, estimated, modeled using different assumptions, or derived from other data. The data also come from different years, making direct intercomparisons difficult. For example, some water-use data are over twenty years old. Also note that the per capita water-use estimates are computed using withdrawals from different years, but population estimates are normalized for 2010.

As noted in past volumes of *The World's Water*, the FAO AQUASTAT data set, while the most comprehensive single database, contains inadequate information on sources and assumptions and often contains modeled rather than measured values. Data from this database should be used with great care and with appropriate caveats about their quality.

Another major limitation of these data is that they do not include the use of rainfall in agriculture—what is sometimes referred to as "green water." Many countries use a significant fraction of the rain falling on their territory for agricultural production, but this water use is neither accurately measured nor reported in this data set. We repeat our regular call for a systematic reassessment of water-use data and for national and international commitments to collect and standardize this information.

Sources

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continues

Source Industrial Agricultural m³/p/yr 98 8 6 6 226 226 337 337 0 0 7 7 695 2 105 62 27 22 27 27 28 24 13 3 17 1 2 2 3 Industrial Agricultural Domestic m³/p/yr 39 17 5 39 33 117 6 6 8 8 8 8 3 7 7 Use 61 221 221 441 47 77 77 76 91 1 1 1 76 47 11 9 338 116 86 6 95 94 43 43 66 66 222 211 0 6 6 0 0 0 0 0 0 10 110 110 9 9 Use Freshwater Withdrawal by Country and Sector (2013 Update) Domestic Use 24 45 32 33 41 17 17 7 7 7 83 83 83 68 70 411 84 84 79 79 79 61 61 61 61 82 38 38 Withdrawal Withdrawal (m³/p/yr) Capita 13 70 23 809 29 1111 66 93 51 40 37 14 44 44 49 39 39 10 76 10 Freshwater (km³/yr) Total 0.29 0.97 0.07 0.88 0.02 68.30 0.02 0.58 5.600.01 2000 2000 2000 2000 2005 2005 6661 2000 2005 2000 2000 2000 2004 2002 2005 2002 2001 2001 2005 2000 Congo, Democratic Republic Central African Republic Congo, Republic of **Equatorial Guinea** (formerly Zaire) Burkina Faso Côte d'Ivoire Cape Verde Cameroon Botswana Comoros Burundi Djibouti Ethiopia Gambia Algeria Eritrea Angola Country Benin Gabon Egypt Chad DATA TABLE 2 AFRICA Region

Population

(millions)

1.98

16.29 8.52 19.96 0.51 4.51 11.51

9.21

0.69

3.76 21.57 0.88

84.47 0.69 5.22 84.98

1.50

Data Table 2. continued

			Total	Per			,					
			Freshwater Capita Withdrawal Withdrawal	Capita Withdrawal	Domestic Use	Industrial Use	Industrial Agricultural Domestic Use Use Use	Domestic Use	Industrial Use	Industrial Agricultural Use Use		2010 Population
Region	Country	Year	(km³/yr)	(m³/p/yr)	(%)	(%)	(%)	m³/p/yr	m³/p/yr	m³/p/yr	Source	(millions)
AFRICA,	Guinea-Bissau	2000	0.18	109	13	5	82	14	5	06	f	1.65
cont.	Kenya	2003	2.74	29	17	4	62	11	2	53	J	40.86
	Lesotho	2000	0.04	19	46	46	6	6	6	2	J	2.08
	Liberia	2000	0.13	32	54	36	6	17	11	3	J	4.10
	Libya	2000	4.30	259	14	3	83	92	20	545	J	6.55
	Madagascar	2000	16.50	819	1	П	86	8	8	803	J	20.15
	Malawi	2002	1.40	88	11	4	98	10	4	2.2	J	15.69
	Mali	2000	6.50	488	6	1	06	44	5	439	J	13.32
	Mauritania	2002	1.40	416	7	2	91	29	8	379	Ŧ	3.37
	Mauritius	2003	0.73	563	30	3	89	169	17	383	J	1.30
	Morocco	2000	12.60	389	10	3	87	39	12	339	J	32.38
	Mozambique	2001	0.88	38	19	3	28	7	1	29	J	23.41
	Namibia	2002	0.29	131	25	2	20	33	9	92	Ŧ	2.212
	Niger	2002	0.98	62	30	3	29	19	2	41	J	15.89
	Nigeria	2002	13.00	82	31	15	54	25	12	44	J	158.26
	Rwanda	2000	0.15	15	24	8	89	4	1	10	Ŧ	10.28
	Senegal	2002	2.22	173	4	3	93	7	5	161	Ŧ	12.86
	Sierra Leone	2002	0.21	36	52	56	22	19	6	8	J	5.84
	Somalia	2003	3.30	352	1	0	66	4	0	351	J	9.36
	South Africa	2000	12.50	248	31	9	63	22	15	156	Ŧ	50.49
	Sudan and South Sudan	2002	27.60	639	4	1	92	26	4	209	J	43.19
	Swaziland	2000	1.04	865	2	1	26	17	6	839	J	1.20
	Tanzania, Republic of	2002	5.20	115	10	0	88	12	0	103	Ŧ	45.04
	Togo	2002	0.17	25	53	2	45	13	1	11	J	6.78

	Tunisia	2001	2.85	275	13	4	82	36	11	225	f	10.37
	Uganda	2002	0.32	6	48	14	38	2	1	4	f	33.80
	Zambia	2002	1.50	113	18	80	73	20	6	83	f	13.26
	Zimbabwe	2002	4.21	333	14	7	62	47	23	263	f	12.64
NORTH	Antigua and Barbuda	2002	0.008	06	63	21	15	22	19	14	f	0.09
AND	Barbados	2002	0.10	390	20	26	54	78	101	210	f	0.26
CENTRAL	Belize	2000	0.22	703	2	49	46	35	344	323	f	0.313
AMERICA	Canada	2006	45.08	1,330	20	69	12	260	913	157	ъ о	33.89
	Costa Rica	2003	0.54	116				0	0	0	h	4.64
	Cuba	2007	4.40	393	27	17	26	106	29	220	f	11.20
	Dominica	2004	0.02	301	I	I					р	0.07
	Dominican Republic	2002	5.50	538	26	1	72	140	2	387	f	10.23
	El Salvador	2007	1.80	291	22	14	64	64	41	186	f	6.19
	Guatemala	2006	3.50	243	15	31	54	37	75	131	f	14.38
	Haiti	2000	1.20	118	19	4	78	22	2	92	f	10.19
	Honduras	2006	2.10	276	16	23	09	44	63	165	f	7.62
	Jamaica	2000	0.41	150	34	17	49	51	26	73	f	2.73
	Mexico	2009	80.40	727	14	6	27	102	29	557	f	110.65
	Nicaragua	2001	1.40	240	13	2	85	31	2	204	f	5.82
	Panama	2000	0.91	259	23	2	92	09	2	197	f	3.51
	St. Lucia	2002	0.02	115	I	I	I				р	0.17
	St. Vincent and the Grenadines 1995	3 1995	0.01	92	I	I	I				р	0.11
	Trinidad and Tobago	2000	0.23	171	99	25	6	113	43	15	Ŧ	1.34
	United States of America	2005	482.20	1,518	13	46	41	193	669	626	е	317.64
SOUTH	Argentina	2000	32.60	802	22	12	99	176	96	529	f	40.67
AMERICA	Bolivia	2000	2.60	259	21	12	29	54	31	174	f	10.03
	Brazil	2006	58.07	297	28	17	22	83	52	162	f	195.42
	Chile	2007	26.70	1,558	4	10	98	62	156	1340	f	17.13
	Colombia	2000	12.70	274	22	4	39	156	10	107	Ŧ	46.30
	Ecuador	2002	9.90	719	13	9	81	93	43	582	J	13.77

Data Table 2. continued

			Freshwater Capita Withdrawal Withdrawal	Capita Withdrawal	Domestic Use		Industrial Agricultural Domestic Use Use Use	Domestic Use	Industrial Use	Industrial Agricultural Use Use		2010 Population
Region	Country	Year	(km³/yr)	(m ³ /p/yr)	(%)	(%)	(%)	m³/p/yr	m³/p/yr	m³/p/yr	Source	(millions)
SOUTH	Guyana	2000	1.64	2,154	2	1	86	36	19	2111	f	0.76
AMERICA,	, Paraguay	2000	0.49	92	20	8	71	15	9	54	f	6.46
cont.	Peru	2000	19.30	654	7	8	85	46	52	556	f	29.50
	Suriname	2000	29.0	1,278	4	3	93	22	37	1183	J	0.52
	Uruguay	2000	3.70	1,097	111	2	87	121	22	955	J	3.37
	Venezuela	2000	9.10	313	49	8	44	154	25	138	J	29.04
ASIA	Afghanistan	2000	20.30	269	1	1	66	2	2	069	J	29.12
	Armenia	2007	2.90	938	30	4	99	281	41	616	J	3.09
	Azerbaijan	2002	12.21	1,367	4	19	92	22	260	1039	f	8.93
	Bahrain	2003	0.36	442	20	9	45	221	27	199	f	0.81
	Bangladesh	2008	35.87	253	10	2	88	25	5	222	J	141.82
	Bhutan	2008	0.34	480	2	1	94	24	2	451	J	0.71
	Brunei	1994	0.09	221	pu	pu	pu				၁	0.41
	Cambodia	2006	2.20	146	4	2	94	9	3	137	f	15.05
	China	2007	578.9	425	12	23	64	52	66	272	ij	1,361.76
	Cyprus	2000	0.21	239	27	1	71	92	က	170	q	0.88
	Georgia	2002	1.80	427	20	22	28	82	94	247	Ŧ	4.22
	India	2010	761.00	627	2	2	06	46	14	292	J	1,214.46
	Indonesia	2000	113.30	487	12	7	82	28	34	400	J	232.52
	Iran	2004	93.30	1,243	2	1	92	85	12	1143	f	75.08
	Iraq	2000	00.99	2,097	2	15	26	147	315	1657	f	31.47
	Israel	2004	1.95	268	36	9	28	26	16	156	f	7.29
	Japan	2001	90.00	602	19	18	63	135	127	446	Ŧ	127.00
	Jordan	2002	0.94	145	31	4	65	45	9	95	f	6.47
	Kazakhstan	2010	21.10	1,339	4	30	99	54	402	884	J	15.75

Koreal Republic 2002 25,47 525 26 126 63 336 f 48.0 Krwayasia 2002 3.94 129 44 2 54 132 66 162 183 336 Laos 1.20 3.20 5.44 4 5 91 25 18 130 64 Jacks 1.20 1.30 3.40 4 5 91 27 485 1 64 Jadysish 2006 1.30 40 85 43 22 140 173 48 6 42 35 42 42 44 5 5 140 5 5 44 5 5 140 173 48 6 44 5 5 11 6 44 5 9 17 48 6 4 5 5 1 6 4 5 5 1 6 4 5 5		Korea Democratic People's Republic	2002	8.70	363	10	13	92	36	47	276	J	23.99
Kurwait 2002 0.91 4.49 2 54 132 6 162 7 Laos 1.06 8.00 1,441 3 4 5 54 134 6 152 7 495 1 Laos 1.20 3.50 1.31 308 29 11 60 89 34 185 1 Lebanon 2005 1.13 308 29 11 60 89 34 185 1 Maldives 2008 0.35 1.20 40 12 6 18 34 185 1 Monoplia 2008 0.35 2.04 13 43 44 26 88 90 6 7 Myanmar 2008 0.35 2.04 13 43 44 26 88 90 6 Myanmar 2008 1.32 6.35 10 1 89 65 1 1		Korea Republic	2002	25.47	525	26	12	62	136	63	326	Ŧ	48.50
kyagyzstan 2006 8 0.0 1441 3 4 93 45 58 1340 f Laws 2005 3.50 3.44 1 5 91 23 54 4 5 91 34 185 1 Lehann 2005 1.12 308 29 4 5 91 34 185 7 485 7 485 7 485 7 485 7 485 7 485 7 485 7 7 485 7 7 485 7 485 7 485 7 485 7 485 7 7 48 7 7 48 7 7 48 7 7 48 7 7 48 7 48 7 48 7 48 7 48 7 48 7 48 7 48 7 48 7 48 7 48 7		Kuwait	2002	0.91	299	44	2	54	132	9	162	J	3.05
Laos 2005 3.50 544 4 5 91 23 495 1 Lebanon 2005 11.31 308 29 11 60 89 34 185 1 Malaysis 2008 11.20 11.20 19 95 5 19 185 9 1 1 0 0 0 0 0 1 1 0 1 1 0		Kyrgyzstan	2006	8.00	1,441	3	4	93	45	28	1340	f	5.55
Lebanon 2005 1.31 308 29 11 60 89 34 185 f Malaysia 2005 11.20 401 35 43 140 173 89 1 Mongolia 2009 0.55 204 13 44 26 88 90 6 Mongolia 2009 0.55 204 13 44 26 88 90 6 Myanmar 2000 33.23 658 10 1 89 66 4 586 6 Omath 2000 33.23 658 10 1 89 66 4 586 6 Omath 2000 1.32 48 2 1 4 6 6 4 6 6 7 Palsitistan 2008 1.42 2 4 6 7 4 7 4 6 7 4 1 7 4		Laos	2002	3.50	544	4	2	91	23	27	495	f	6.44
Malaysia 2005 11.20 401 35 43 22 140 173 88 f Madilves 2008 0.066 19 95 5 0 18 1 0 0 Mongolia 2008 0.55 688 13 43 44 56 8 9 6 0 0 0 Myanmar 2006 9.50 318 2 10 98 66 4 589 6 7 Oman 2008 1.32 455 10 1 89 45 58 40 7 400 7		Lebanon	2002	1.31	308	29	11	09	88	34	185	f	4.25
Maddives 2008 0,006 19 95 5 0 18 1 0 c Mongolia 2009 0.55 294 13 43 44 26 8 90 1 Myanmar 2006 33.23 558 10 1 88 66 0 312 1 Nepal 1.32 455 10 1 88 66 0 312 1 Pakistan 2008 1.32 455 10 1 88 45 5 400 1 Pakistan 2008 0.42 95 1 48 7 45 1 7 45 1		Malaysia	2002	11.20	401	35	43	22	140	173	88	f	27.91
Mongolia 2009 0.55 204 13 43 44 26 88 90 f Myanmar 2000 33.23 658 10 1 89 66 4 586 f Oman 2006 33.23 658 10 1 89 66 4 586 f Oman 2008 13.22 455 10 1 88 45 59 6 400 f Pakistan 2008 18.32 48 7 45 6 4 58 6 7 490 7 Philippines 2009 81.6 87 48 7 46 7 43 6 7 43 7 7 43 7 7 43 7 43 7 43 7 43 6 7 43 7 43 7 43 7 43 7 43 7 43		Maldives	2008	900.0	19	92	2	0	18	1	0	၁	0.31
Myanmar 2000 33.23 658 10 1 89 66 4 586 f Nepal 2006 9.50 318 2 658 6 6 0 312 6 Oman 2008 1.32 455 10 9 6 0 312 6 7 40 7 70 40 7 7		Mongolia	2009	0.55	204	13	43	44	26	88	06	f	2.70
Nepal 2006 9.50 318 2 9 6 9 312 f Oman 2008 1.32 455 10 1 88 45 5 400 1 Pakistan 2008 183.50 993 5 1 94 55 400 7 Pakistan 2008 18.60 6.42 95 1 95 70 89 7 400 7 70		Myanmar	2000	33.23	658	10	П	88	99	4	286	f	50.50
Omanh 2003 1.32 455 10 1 88 45 64 40 f Pakistan 2008 18.50 993 5 1 94 52 8 933 f Palestine Territory, Occupied 2005 0.42 95 48 7 45 70 87 715 715 715 Philippines 2006 0.44 294 39 10 82 70 87 715 715 715 715 715 715 715 717 715 717		Nepal	2006	9.50	318	2	0	86	9	0	312	f	29.85
Pakistan 2008 18.50 993 5 1 94 52 8 933 f Palestine Territory, Occupied 2005 0.42 95 48 7 45 46 7 43 f Philippines 2009 81.6 87.2 8 10 87 715 715 17 Saudi Arabia 2006 23.67 924 92 92 17 73 71 17 Singapore 2006 13.00 637 64 8 7 78 73 7 Singapore 2005 13.00 637 65 6 7 78 7 78 7 78 7 78 7		Oman	2003	1.32	455	10	1	88	45	2	400	f	2.91
Palestine Territory, Occupied 2005 0.42 95 48 7 45 46 7 43 f Philippines 2009 81.6 87.2 89 10 82 70 87 715 17 17 Qatar 2005 0.44 294 39 2 59 115 6 174 17		Pakistan	2008	183.50	993	2	П	94	52	8	933	f	184.75
Philippines 2009 81.6 872 8 10 82 70 87 715 f Qatar 204 294 39 2 59 115 6 174 179		Palestine Territory, Occupied	2002	0.42	92	48	2	45	46	2	43	f	4.41
Qatart Qatart 294 39 2 59 115 6 174 f Saudi Arabia 2006 23.67 902 9 3 88 81 27 793 f Singapore 1975 0.19 39 45 51 4 18 27 793 f Sri Lanka 2005 13.00 637 6 6 87 38 554 9 Syria 2005 16.80 746 9 4 88 67 30 657 6 Thailand 2006 11.50 1,625 6 4 91 98 65 1479 7 Turkey 2003 40.10 530 15 17 78 78 17 70 17 Urkey 2005 4.00 849 15 2 83 17 17 17 17 17 17 17 17 17		Philippines	2009	81.6	872	8	10	82	20	87	715	f	93.62
Saudi Arabia 2006 23.67 902 9 3 88 81 27 793 f Singapore 1975 0.19 39 45 51 4 18 20 2 6 6 Sri Lanka 2005 13.00 637 6 6 4 18 56 554 6 6 9 9 6 6 7 38 554 6 6 9 6 6 9 554 9 6 9 9 6 9 9 6 9		Qatar	2002	0.44	294	39	2	29	115	9	174	f	1.51
Singapore 1975 0.19 39 45 51 4 18 20 2 b Sri Lanka 2005 13.00 637 6 6 87 38 554 f Syria 2005 16.80 746 9 4 88 67 30 657 f Talikistan 2006 11.50 1,625 6 4 91 98 65 1479 f Thailand 2007 11.50 1,625 6 4 91 98 65 1479 f Turkey 2003 40.10 530 15 11 74 78 18 7		Saudi Arabia	2006	23.67	905	6	3	88	81	27	793	J	26.25
Sri Lanka 2005 13.00 637 6 6 87 38 554 f Syria 2005 16.80 746 9 4 88 67 30 657 f Tajikistan 2006 11.50 1,625 6 4 91 98 65 1479 f Thailand 2007 57.31 841 5 90 40 41 760 f Turkmenistan 2003 40.10 530 15 11 74 78 58 17 76 17 Urikedyarab Emirates 2005 4.00 849 15 2 83 17 705 17 Uzbekistan 2005 4.00 2,015 7 3 83 17 705 17 Vietnam 2005 82.00 92.01 7 2 9 13 13 14 Albania 2005 1.30 410		Singapore	1975	0.19	39	45	51	4	18	20	2	p	4.84
Syria 2005 16.80 746 9 4 88 67 30 657 f Tajikistan 2006 11.50 1,625 6 4 91 98 65 1479 f Thailand 2007 57.31 841 5 5 90 40 7 6 7 <td></td> <td>Sri Lanka</td> <td>2002</td> <td>13.00</td> <td>289</td> <td>9</td> <td>9</td> <td>87</td> <td>38</td> <td>38</td> <td>554</td> <td>J</td> <td>20.41</td>		Sri Lanka	2002	13.00	289	9	9	87	38	38	554	J	20.41
Tajikistan 2006 11.50 1,625 6 4 91 98 65 1479 f Thailand 2007 57.31 841 5 5 90 40 41 760 f Turkey 2003 40.10 530 15 11 74 78 58 15 1 7 <td< td=""><td></td><td>Syria</td><td>2002</td><td>16.80</td><td>746</td><td>6</td><td>4</td><td>88</td><td>29</td><td>30</td><td>259</td><td>J</td><td>22.51</td></td<>		Syria	2002	16.80	746	6	4	88	29	30	259	J	22.51
Thailand 2007 57.31 841 5 5 90 40 41 760 f Turkey 2003 40.10 530 15 11 74 78 58 78 </td <td></td> <td>Tajikistan</td> <td>2006</td> <td>11.50</td> <td>1,625</td> <td>9</td> <td>4</td> <td>91</td> <td>86</td> <td>65</td> <td>1479</td> <td>J</td> <td>7.07</td>		Tajikistan	2006	11.50	1,625	9	4	91	86	65	1479	J	7.07
Turkey 2003 40.10 530 15 11 74 78 58 393 f Turkmenistan 2004 28.00 5,409 3 3 94 162 162 5085 f United Arab Emirates 2005 4.00 849 15 2 83 127 17 705 f Vietnam 2005 82.00 921 1 4 95 9 141 60 1813 f Vietnam 2005 82.00 921 1 4 95 9 37 875 f Abbania 2005 1.30 410 43 18 39 176 74 160 f Austria 2002 4.30 448 27 54 19 348 13 f		Thailand	2007	57.31	841	2	2	06	40	41	092	f	68.14
Turkmenistan 2004 28.00 5,409 3 3 94 162 162 5085 f United Arab Emirates 2005 4.00 849 15 2 83 127 17 705 f Uzbekistan 2005 82.00 2,015 7 3 90 141 60 1813 f Vietnam 2005 82.00 921 1 4 95 9 37 875 f Abbania 2006 1.30 410 43 18 39 176 74 160 f Austria 2002 4.30 448 27 54 19 348 13 f		Turkey	2003	40.10	530	15	11	74	28	28	393	J	75.71
Uzbekistan 2005 4.00 849 15 2 83 127 17 705 f Uzbekistan 2005 56.00 2,015 7 3 90 141 60 1813 f Vietnam 2005 82.00 921 1 4 95 9 37 875 f Albania 2006 1.30 410 43 18 39 176 74 160 f Austria 2002 3.70 441 18 79 348 13 f Belarus 2000 4.30 448 27 54 19 121 242 85 f		Turkmenistan	2004	28.00	5,409	3	3	94	162	162	2082	J	5.18
Uzbekistan 2005 56.00 2,015 7 3 90 141 60 1813 f Vietnam 2005 82.00 921 1 4 95 9 37 875 f Abbania 2005 1.30 410 43 18 39 176 74 160 f Austria 2002 4.30 441 18 79 348 13 f Belarus 2000 4.30 448 27 54 19 121 242 85 f		United Arab Emirates	2002	4.00	849	15	2	83	127	17	202	J	4.71
Vietnam 2005 82.00 921 1 4 95 9 37 875 f Yemen 2005 3.57 147 7 2 91 10 3 134 f Albania 2006 1.30 410 43 18 39 176 74 160 f Austria 2002 3.70 441 18 79 3 79 348 13 f Belarus 2000 4.30 448 27 54 19 121 242 85 f		Uzbekistan	2002	26.00	2,015	2	3	06	141	09	1813	f	27.79
Yemen 2005 3.57 147 7 2 91 10 3 134 f Albania 2006 1.30 410 43 18 39 176 74 160 f Austria 2002 3.70 441 18 79 3 79 348 13 f Belarus 2000 4.30 448 27 54 19 121 242 85 f		Vietnam	2002	82.00	921	1	4	92	6	37	875	f	89.03
Albania 2006 1.30 410 43 18 39 176 74 160 f Austria 2002 3.70 441 18 79 3 79 348 13 f Belarus 2000 4.30 448 27 54 19 121 242 85 f		Yemen	2002	3.57	147	7	2	91	10	3	134	f	24.26
2002 3.70 441 18 79 3 79 348 13 f 2000 4.30 448 27 54 19 121 242 85 f	PE	Albania	2006	1.30	410	43	18	39	176	74	160	f	3.17
2000 4.30 448 27 54 19 121 242 85 f		Austria	2002	3.70	441	18	62	3	62	348	13	J	8.39
		Belarus	2000	4.30	448	27	54	19	121	242	85	£	9.59

Data Table 2. continued

			Total Per Freshwater Capita Withdrawal Withdrawal	Per Capita Withdrawal	Domestic Use	Industrial Use	Industrial Agricultural Domestic Use Use Use	Domestic Use	Industrial Use	Industrial Agricultural Use Use		2010 Population
Region	Country	Year	(km³/yr)	(m³/p/yr)	(%)	(%)	(%)	m³/p/yr	m³/p/yr	m³/p/yr	Source	(millions)
EUROPE	Belgium	2007	6.20	580	12	88	1	20	510	7	b, f	10.70
cont.	Bosnia and Herzegovina	2009	0.34	06								3.76
	Bulgaria	2009	6.10	814	16	89	16	130	553	130	Ŧ	7.50
	Croatia	2010	0.63	143	85	14	1	121	20	1	J	4.41
	Czech Republic	2007	1.70	163	41	22	2	29	93	3	J	10.41
	Denmark	2009	99.0	120	28	2	36	20	9	43	J	5.48
	Estonia	2007	1.80	1,344	3	26	1	40	1304	13	J	1.34
	Finland	2002	1.60	299	25	72	3	75	215	8	J	5.35
	France	2007	31.60	504	18	69	12	91	348	61	J	62.64
	Germany	2007	32.30	394	12	89	20	47	268	78	p	82.06
	Greece	2007	9.50	849	6	2	83	92	17	756	J	11.18
	Hungary	2007	5.60	295	12	83	2	29	466	28	J	9.97
	Iceland	2002	0.17	516	20	8	42	258	41	217	J	0.33
	Ireland	1994	1.18	257	23	27	0	28	198	0	J	4.59
	Italy	2000	45.40	755	20	36	44	151	272	332	J	60.10
	Latvia	2002	0.40	179	38	49	13	89	87	23	J	2.24
	Lithuania	2007	2.40	737	7	06	3	52	664	22	J	3.26
	Luxembourg	1999	90.0	116	63	37	1	73	43	1	q	0.49
	Macedonia	2007	1.00	489	21	29	12	103	328	59	J	2.04
	Malta	2002	0.02	122	63	1	35	22	1	43	J	0.41
	Moldova	2007	1.10	308	14	83	3	43	255	6	J	3.58
	Netherlands	2008	10.60	637	12	87	1	92	554	9	J	16.65
	Norway	2006	2.90	262	28	43	29	167	257	173	q	4.86
	Poland	2009	12.00	315	31	09	10	86	189	32	J	38.04

Portugal	2002	8.50	792	8	19	73	63	150	228	J	10.73
Romania	2003	6.50	307	22	61	17	29	187	52	J	21.19
Russian Federation	2000	26.68	546	20	09	20	109	328	109	b, f	140.37
Serbia	2009	4.10	418	17	82	2	71	343	80	J	9.80
Slovakia	2007	69.0	128	47	20	3	09	64	4	J	5.41
Slovenia	2009	0.94	464	18	82	1	84	381	2	J	2.02
Spain	2008	32.50	717	18	22	61	129	158	437	J	45.32
Sweden	2007	2.60	280	37	29	4	103	165	11	J	9.29
Switzerland	2000	2.60	342	40	28	2	137	199	7	J	7.59
Ukraine	2005	19.20	423	24	20	9	101	296	25	J	45.43
United Kingdom	2007	13.00	210	57	33	10	120	69	21	a, f	61.90
OCEANIA Australia	2010	59.84	2,782	16	11	74	445	306	2058		21.51
Fiji	2000	0.08	94	28	11	61	56	10	22	J	0.85
New Zealand	2002	4.80	1,115	21	4	74	234	45	825	J	4.30
Papua New Guinea	2005	0.39	22	22	43	0	32	24	0	a, f	68.9
Solomon Islands	1987			40	20	40	0	0	0	a, f	0.54
Timor-Leste	2004	1.17	1,064	8	1	91	85	11	896	f	1.10

Notes:

Figures may not add to totals because of independent rounding.

Population data from Population Division of the Department of Economic and Social Affairs of the United Nations Secretariat, World Population Prospects: The 2008 Revision. Total Population, Both Sexes. Estimates 2010 (New York: United Nations, 2009). http://esa.un.org/unpd/wpp2008/all-wpp-indicators_components.htm.
US data include freshwater only; previous data included saline water.
China data include Hong Kong.