

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE (ICID)

(ARRANGED IN DESCENDING ORDER OF IRRIGATED AREA)

Sl. No.	Country	GNI / PPP Per Capita (2006)	Economic Status (2006)	Total Geographical Area (2002)	Irrigated Area (2003)	Drained Area (2000)	Arable & Perm. Crop Area (APC) (2003)	% of APC to Geog. Area (2003)	% Irrigated Area to APC (2003)	Population (2006)	Population in Agriculture		Population Density with ref. to Total Geographical Area	Population Density with ref. to APC	Food Production (Cereals) (2004)	Productivity for Cereals (Av.2003-05)
		(US \$)		(Mha)	(Mha)	(Mha)	(Mha)	(%)	(%)	(Million)	(Million)	(%)	(People/Sq.km)	(People/Sq.km)	(MT)	(Kg/ha)
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	AFRICA															
1	Egypt	4690	UM	100.14	3.42	3.00	3.42	3.42	100.06	75.4	25.0	33.10	75	2205	21.3	7545
2	Sudan	2160	LM	250.60	1.86	0.56	17.42	6.95	10.69	41.2	19.7	47.83	16	237	3.6	648
3	South Africa	11710	H	121.91	1.60	0.08	19.28	15.82	8.30	47.4	17.2	36.29	39	246	9.4	2882
4	Morocco	5000	UM	44.65	1.45	0.12	9.38	21.01	15.41	31.7	10.4	32.83	71	338	8.6	1243
5	Madagascar	960	LM	58.70	1.09	NA	3.55	6.05	30.59	17.8	13.0	72.89	30	501	3.4	2369
6	Algeria	6900	UM	238.20	0.57	0.06	8.22	3.45	6.92	33.5	7.4	22.11	14	408	4.0	1438
7	Libya	NA	NA	175.90	0.47	NA	2.15	1.22	21.86	5.9	0.3	4.46	3	274	0.2	626
8	Tunisia	8490	UM	16.40	0.39	0.08	4.93	30.06	7.99	10.1	2.3	22.76	62	205	2.2	1540
9	Nigeria	1050	LM	92.40	0.28	0.00	33.40	36.15	0.84	134.5	37.8	28.12	146	403	22.8	1368
10	Ethiopia	1090	LM	110.40	0.29	0.02	11.77	10.66	2.46	74.8	58.4	78.09	68	636	9.3	1213
11	Tanzania	740	L	94.50	0.18	NA	5.10	5.40	3.61	37.9	28.7	75.80	40	743	5.0	1403
12	Mali	1130	LM	124.01	0.24	NA	4.70	3.79	5.00	13.9	10.5	75.89	11	296	2.8	979
13	Zimbabwe	1950	LM	39.00	0.17	NA	3.35	8.59	5.19	13.1	7.8	59.44	34	391	0.8	673
14	Mozambique	1220	LM	80.10	0.12	NA	4.58	5.72	2.58	19.9	14.5	73.06	25	434	2.0	925
15	Kenya	1300	LM	58.00	0.10	0.00	5.21	8.98	1.98	34.7	23.9	68.80	60	666	2.7	1682
16	Ivory Coast	1500	LM	32.20	0.07	NA	6.90	22.70	1.06	19.7	7.6	50.34	45	199	2.2	1719
17	Senegal	1840	LM	19.70	0.12	0.04	2.51	12.74	4.78	11.9	7.5	62.92	60	474	1.1	1089
18	Angola	2360	LM	124.70	0.08	NA	3.59	2.88	2.23	15.8	10.0	63.05	13	440	0.7	583
19	Niger	830	L	126.70	0.07	NA	14.50	11.44	0.50	14.4	10.8	74.88	11	99	2.7	409
20	Zambia	1000	LM	75.30	0.16	NA	5.29	7.03	2.95	11.9	7.3	61.45	16	225	1.4	1732
21	Burkina Faso	1330	LM	27.40	0.03	NA	4.90	17.88	0.51	13.6	12.3	90.77	50	278	2.9	1040
22	Malawi	720	L	11.80	0.06	NA	2.59	21.95	2.16	12.8	9.3	72.87	108	494	1.8	1149
23	Chad	1230	LM	128.40	0.03	NA	3.63	2.83	0.83	10.0	6.3	63.19	8	275	1.2	741
24	Mauritius	12450	H	0.20	0.02	NA	0.11	55.00	20.00	1.3	0.1	9.54	650	1182	NA	4769
25	Sao-Tome Prn.	NA	L	0.09	0.01	NA	0.06	66.67	16.67	0.2	0.1	NA	222	333	0.003	2500
26	Ghana	2640	LM	23.80	0.03	NA	6.39	26.85	0.49	22.6	11.9	52.65	95	354	1.9	1225
27	Uganda	1490	LM	24.10	0.009	0.00	7.35	30.50	0.12	27.7	20.5	74.13	115	377	2.6	1437
	Sub-Total			2199.30	12.92	3.96	194.28	8.83	6.65	753.7	380.7	50.51	34	388	116.8	1559

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		(US \$)		(Mha)	(Mha)	(Mha)	(Mha)	(%)	(%)	(Million)	(Million)	(%)	(People/Sq.km)	(People/Sq.km)	(MT)	(Kg/ha)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	AMERICAS															
28	USA	44260	H	962.91	22.39	47.50	175.50	18.23	12.75	299.1	5.8	1.95	31	170	389.1	6443
29	Mexico	11410	H	195.82	6.32	5.20	27.30	13.94	23.15	108.3	22.2	20.47	55	397	32.8	3009
30	Brazil	8800	UM	851.49	3.50	1.31	66.60	7.82	5.26	181.2	25.9	14.29	21	272	119.1	2519
31	Chile	11270	H	75.66	1.09	0.04	0.78	1.03	139.74	16.4	2.3	14.02	22	2103	3.6	5993
32	Argentina	15390	H	278.04	1.55	0.13	28.90	10.39	5.36	39.0	3.6	4.37	14	135	34.2	3805
33	Peru	6080	UM	128.52	1.20	0.08	4.31	3.35	27.84	28.4	7.8	27.35	22	659	3.4	3426
34	Colombia	7620	UM	113.89	0.90	0.23	3.85	3.38	23.38	46.8	8.4	17.92	41	1216	4.4	3821
35	Cuba	NA	NA	11.09	0.87	0.02	3.79	34.19	22.96	11.3	1.7	14.90	102	297	0.9	3189
36	Ecuador	4400	UM	28.36	0.87	0.05	2.99	10.54	28.93	13.3	3.3	24.59	47	445	2.1	2695
37	Canada	34610	H	997.06	0.79	9.46	52.12	5.23	1.51	32.6	0.7	2.18	3	63	52.7	3018
38	Venezuela	7440	UM	91.21	0.58	0.31	3.40	3.73	16.91	27.0	2.1	7.89	30	794	3.7	3310
39	Dominican Rep.	8290	UM	4.87	0.28	0.03	1.60	32.83	17.19	9.0	1.3	14.44	185	563	0.6	4138
40	Guyana	4800	UM	21.50	0.15	0.15	0.51	2.37	29.41	0.7	0.1	17.86	3	137	0.5	1476
41	Honduras	3540	LM	11.21	0.08	0.06	1.43	12.76	5.59	7.4	2.2	29.78	66	517	0.1	1475
42	Suriname	NA	LM	16.33	0.05	0.05	0.07	0.43	72.86	0.5	0.1	16.00	3	714	0.2	3799
43	Panama	7680	UM	7.55	0.04	NA	0.70	9.27	6.14	3.3	0.7	20.15	44	471	0.4	1851
	Sub-Total			3795.50	40.64	64.62	373.85	9.85	10.87	824.3	88.1	10.69	22	220	647.7	3372.94

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		(2006)	(2006)	(2002)	(2003)	(2000)	(2003)	(2003)	(2003)	(2006)					(2004)	(Av.2003-05)
		(US \$)		(Mha)	(Mha)	(Mha)	(Mha)	(%)	(%)	(Million)	(Million)	(%)	(People/Sq.km)	(People/Sq.km)	(MT)	(Kg/ha)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	ASIA															
44	India	3800	UM	328.73	57.19	2.46	183.50	55.82	31.17	1112.2	799.0	71.84	338	606	198.4	2417
45	China*	7740	UM	959.80	54.60	24.47	154.85	16.13	35.26	1311.4	849.4	64.77	137	847	413.2	5095
46	Pakistan	2500	LM	79.61	19.02	7.86	22.05	27.70	86.26	156.8	103.3	65.88	197	711	30.4	2357
47	Iran*	8490	UM	164.80	7.65	0.18	18.25	11.07	41.92	70.3	17.2	24.41	43	385	21.8	2407
48	Turkey*	9060	UM	77.95	5.13	3.04	26.01	33.37	19.72	72.6	27.2	37.47	93	279	36.2	2324
49	Thailand	9140	UM	51.31	4.99	0.15	17.69	34.48	28.19	65.2	29.1	44.57	127	369	28.3	3044
50	Indonesia	3950	UM	190.46	4.50	0.27	34.40	18.06	13.08	225.5	92.3	40.92	118	656	65.3	4278
51	Bangladesh*	2340	LM	14.40	4.73	1.50	8.42	58.47	56.18	146.6	77.5	20.00	1018	1741	41.0	3535
52	Uzbekistan	2250	LM	44.74	4.28	2.82	5.04	11.27	84.94	26.2	6.6	25.29	59	520	5.9	3627
53	Iraq	NA	NA	43.83	3.52	1.54	6.09	13.89	57.80	29.6	8.0	27.08	68	486	4.1	1280
54	Viet Nam	3300	LM	33.17	3.00	1.00	8.98	27.07	33.41	84.2	54.2	64.35	254	938	39.3	4480
55	Japan*	33150	H	37.80	2.56	0.00	4.69	12.41	54.58	127.8	8.4	6.57	338	2725	10.1	5133
56	Kazakhstan	7780	UM	272.49	2.12	0.53	31.00	11.38	6.85	15.3	6.0	39.22	6	49	16.5	1170
57	Myanmar	NA	NA	67.66	1.87	0.19	10.98	16.23	17.03	51.0	34.5	67.73	75	464	24.8	3513
58	Turkmenistan	NA	NA	48.81	1.80	1.03	2.27	4.65	79.30	5.3	1.6	29.66	11	233	2.8	2878
59	Saudi Arabia	16620	H	214.97	1.62	0.04	3.80	1.77	42.63	24.1	1.8	7.65	11	634	2.8	4559
60	Phillipines	5980	UM	30.00	1.71	2.72	10.70	35.67	15.98	84.2	11.6	13.78	281	787	21.4	3181
61	Syria	3930	UM	18.52	1.33	0.27	5.42	29.27	24.59	19.5	4.8	24.47	105	360	5.2	1786
62	Korea Rep.	23800	H	9.97	1.12	1.15	1.82	18.25	61.54	47.3	3.3	6.98	474	2599	5.5	4951
63	Nepal	1630	LM	14.72	1.17	0.09	2.49	16.92	46.99	26.0	23.9	91.82	177	1044	7.6	2286
64	Kyrgystan	1190	LM	19.99	1.07	NA	1.37	6.85	78.10	5.2	1.2	23.46	26	380	1.7	2776
65	Tajikistan	1410	LM	14.31	0.72	0.32	1.06	7.41	68.11	7.0	2.0	28.01	49	660	0.9	2240
66	Sri Lanka	5010	UM	6.56	0.74	0.03	1.92	29.26	38.70	19.9	8.7	43.56	303	1036	2.7	3438
67	Yemen	920	LM	52.80	0.55	1.50	1.67	3.16	32.93	21.6	9.6	44.49	41	1293	0.5	740
68	Chinese Taipei	12439	H	3.60	0.38	0.73	0.70	27.50	54.29	22.8	3.7	17.23	596	3257	1.6	3951
69	Malaysia	11300	H	32.98	0.39	5.50	7.59	23.02	5.07	24.4	5.0	20.49	74	321	1.3	3110
70	Israel	25480	H	2.21	0.19	0.10	0.43	19.42	45.12	7.2	0.2	2.08	325	1674	0.3	3171
71	Lebanon	5460	UM	1.04	0.10	0.01	0.31	29.81	33.55	3.9	0.1	2.69	375	1258	0.1	2493
72	Mongolia	2280	LM	156.65	0.08	1.50	1.20	0.77	7.00	2.6	0.6	22.16	2	213	0.1	690
73	Jordan	6210	UM	8.92	0.08	0.01	0.40	4.48	18.75	5.6	0.6	10.13	63	1400	0.1	1418
	Sub-Total			3002.79	188.22	61.01	575.10	19.15	32.73	3821.3	2191.1	57.34	127	664	990.0	2944.26
	OCEANIA															
74	Australia	34060	H	774.12	2.55	2.17	47.94	6.19	5.31	20.6	0.9	4.14	3	43	31.5	1946
75	New Zealand	27220	H	27.05	0.29	NA	3.37	12.46	8.46	4.1	0.3	7.93	15	122	0.9	7360
	Sub-Total			801.17	2.83	2.17	51.31	6.40	5.52	24.7	1.2	4.77	3	48	32.4	4653.00

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		(US \$)		(Mha)	(Mha)	(Mha)	(Mha)	(%)	(%)	(Million)	(Million)	(%)	(People/Sq.km)	(People/Sq.km)	(MT)	(Kg/ha)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	EUROPE															
76	Russian Fed.*	11630	H	1710.00	4.50	4.78	192.60	11.26	2.34	143.5	38.8	27.04	8	75	78.2	1850
77	Spain*	28030	H	50.60	3.80	NA	26.30	51.98	14.45	44.7	5.0	11.19	88	170	24.5	3350
78	Romania	9820	UM	23.84	3.00	1.83	9.42	39.52	31.85	21.6	9.8	45.37	91	229	24.4	3895
79	Italy	30550	H	30.13	2.75	5.30	10.70	57.00	25.70	59.0	2.5	4.25	196	551	23.3	5043
80	France	33740	H	55.15	2.60	2.50	19.57	35.49	13.29	61.2	1.7	2.71	111	313	70.5	6893
81	Ukraine	7520	UM	60.35	2.26	3.30	33.10	54.85	6.83	46.8	15.1	32.26	78	141	38.0	2600
82	Greece	14560	H	13.20	1.45	0.52	3.83	29.02	37.94	11.1	1.3	11.58	84	290	5.0	3905
83	Portugal	21580	H	9.19	0.65	0.04	2.31	25.14	28.14	10.6	1.3	11.91	115	459	1.4	2533
84	Bulgaria	10140	UM	11.10	0.59	0.08	3.53	31.80	16.66	7.7	0.5	5.95	69	218	7.5	3279
85	Netherlands	37580	H	4.15	0.56	3.00	0.94	22.63	59.57	16.4	0.5	3.05	395	1745	1.9	8308
86	Germany	31830	H	35.70	0.49	4.90	12.04	33.72	4.03	82.4	1.7	2.09	231	685	51.1	6614
87	Denmark	36460	H	4.31	0.45	1.50	2.27	52.68	19.78	5.4	0.2	3.25	124	236	9.0	6088
88	Hungary*	18290	H	9.30	0.23	2.30	4.80	51.60	4.79	10.1	1.0	10.18	109	210	16.7	4719
89	Slovak Republic*	17600	H	4.90	0.18	NA	1.56	31.84	11.73	5.4	0.4	8.14	110	345	3.8	4099
90	UK	35580	H	24.29	0.11	4.65	5.71	23.51	1.93	60.5	0.3	0.50	249	1060	21.0	7192
91	Poland	14830	H	31.27	0.10	4.20	12.90	41.25	0.78	38.1	6.6	17.35	122	295	29.6	3212
92	Finland	35150	H	33.82	0.06	2.50	2.22	6.57	2.88	5.3	0.3	4.94	16	239	3.6	3187
93	Macedonia	7610	UM	2.57	0.06	NA	0.61	23.73	9.02	2.0	0.2	10.41	80	335	0.7	3074
94	Cyprus	22230	H	0.93	0.04	0.02	0.14	15.14	28.57	1.0	0.1	5.80	108	714	0.1	2149
95	Belgium	35090	H	3.30	0.04	0.27	0.86	26.06	4.65	10.5	0.2	1.56	318	1221	2.9	8788
96	Switzerland	40930	H	4.13	0.04	0.16	0.43	10.41	9.30	7.5	0.3	4.00	182	1744	1.1	6076
97	Czech Rep.	21470	H	7.89	0.02	0.40	3.30	41.84	0.73	10.3	0.7	7.20	131	312	8.8	4716
98	Serbia & Montenegro (erstwhile Yugoslavia)	NA	NA	10.22	0.03	0.40	3.72	36.41	0.86	10.1	1.8	17.50	99	272	9.9	2755
99	Lithuania*	14930	H	6.50	0.043	2.62	2.61	40.15	1.65	3.4	0.6	17.65	52	130	2.8	3450
100	Austria	35130	H	8.39	0.004	0.21	1.46	17.41	0.27	8.3	0.4	4.24	99	568	5.0	5978
101	Estonia	15420	H	4.52	0.004	-	0.56	24.50	0.36	1.3	0.1	31.00	30	239	0.6	2007
102	Slovenia*	23970	H	2.03	0.003	0.08	0.20	9.85	1.50	2.0	0.0	1.26	98	990	0.6	5282
103	Croatia	13680	H	5.65	0.011	0.76	1.58	27.94	0.70	4.4	0.3	6.47	79	281	3.3	4549
104	Ireland	35900	H	7.03	NA	1.15	1.12	15.94	NA	4.2	0.4	8.43	60	375	2.5	7442
	Sub-Total			2174.45	24.08	47.47	360.39	16.57	6.68	694.8	91.9	13.23	32	193	447.7	4587.34



ICID-CIID

Summary Statistics

Sl. No.	Continent	Total Geographical Area (2002)	Irrigated Area (2003)	Drained Area (2000)	Arable & Perm. Crop Area (APC) (2003)	% of APC to Geog. Area	% of Irrigated Area to APC	Population (2006)	Population in Agriculture	Population Density with ref. to Total Geographical Area (1999)	Area with No System	Population Density with ref. to APC	Food Production (Cereals) (Av. 2003-05)
		(Mha)	(Mha)	(Mha)	(Mha)			(Million)	(Million)	(People/Sq.km)	(Mha)	(People/Sq.km)	(MT)
1	2	4	5	6	7	8	9	10	11	12	13	14	15
1	Asia	3003	188	61	575	19	33	3821	2191	127	326	664	990
2	Americas	3796	41	65	374	10	11	824	88	22	269	220	648
3	Europe	2174	24	47	360	17	7	695	92	32	289	193	448
4	Africa	2199	13	4	194	9	7	754	381	34	177	388	117
5	Oceania	801	3	2	51	6	6	25	1	3	46	48	32
	Total (104 countries)	11973	269	179	1555	13	17	6119	2753	51	1107	394	2235
	WORLD	13428	277	190				6555		49			2270
		89	97	94				93					98

Sources : World Development Report - Agriculture for Development, World Bank (2008)
FAO Website (2008)
ICID National Committees (20006-07)
World Population Datasheet (2006)

Note : (1) Number of ICID participating countries = 104

(2) NA = Not Available; Mha = Million Hectare
(3) L = Low; LM = Lower Middle; UM = Upper Middle; H = High
(4) *Data from ICID National Committees in *Italics*