

Sprinkler and Micro Irrigated Area

(Arranged in descending order of the total sprinkler and micro irrigated area)

S. No.	Country	Total irrigated area	Sprinkler irrigation	Micro Irrigation	Total sprinkler and micro irrigation	Percentage of total irrigated area	Year of reporting
		(Mha)	Hectares				
1	USA	24.7	123,48,178	16,39,676	139,87,854	56.5	2009
2	India	60.9	30,44,940	18,97,280	49,42,220	8.1	2010
3	China	59.3	29,26,710	16,69,270	45,95,980	7.8	2009
4	Brazil	5.80	38,57,104	6,21,346	44,78,450	77.3	2013
5	Spain	3.61	8,52,189	17,56,138	26,08,327	72.4	2014
6	Russia	4.5	25,00,000	47,000	25,47,000	56.6	2012
7	Ukraine	2.2	24,50,000	52,000	25,02,000	100.0	2013
8	France	2.9	13,79,800	1,03,300	14,83,100	51.1	2011
9	Kazakhstan, Rep. of	1.2	14,00,000	17,000	14,17,000	100.0	2013
10	Iran	8.57	8,02,000	5,94,000	13,96,000	16.3	2015
11	Italy	2.42	9,58,535	4,22,534	13,81,069	57.1	2013
12	South Africa	1.67	9,20,059	3,65,342	12,85,401	77.0	2007
13	Turkey	5.73	6,80,000	3,40,000	10,20,000	17.8	2012
14	Saudi Arabia	1.62	7,16,000	1,98,000	9,14,000	56.4	2004
15	Australia	2.38	6,90,200	2,14,200	9,04,400	38.0	2005
16	Canada	1.053	6,83,029	6,034	6,89,063	65.4	2004
17	Azerbaijan	1.433	6,10,000	100	6,10,100	42.6	2013
18	Korea, Rep. of	1.010	2,00,000	4,00,000	6,00,000	59.4	2009
19	Mexico	6.2	4,00,000	2,00,000	6,00,000	9.7	1999
20	Egypt	3.42	4,50,000	1,04,000	5,54,000	16.2	2000
21	Germany	0.54	5,25,000	5,000	5,30,000	98.1	2005
22	Japan	2.92	4,30,000	60,000	4,90,000	16.8	2013
23	Romania	1.5	4,48,000	4,000	4,52,000	30.1	2008
24	Slovak Rep.	0.313	3,10,000	2,650	3,12,650	99.9	2000
25	Israel	0.231	60,000	1,70,000	2,30,000	99.6	2000
26	Morocco	1.65	1,89,750	8,250	1,98,000	12.0	2003
27	Hungary	0.22	1,85,000	7,000	1,92,000	87.3	2008
28	Moldova	0.228	1,45,000	15,000	1,60,000	70.2	2012
29	Syria	1.28	93,000	62,000	1,55,000	12.1	2000
30	Austria	0.117	1,17,000	20,000	1,37,000	100.0	2011
31	UK	0.11	1,05,000	6,000	1,11,000	100.0	2005
32	Finland	0.07	60,000	10,000	70,000	100.0	2010
33	Portugal	0.63	40,000	25,000	65,000	10.3	1999
34	Malawi	0.055	43,193	5,450	48,643	88.4	2000
35	Sudan	1.89	42,000	-	42,000	2.2	2012
36	Chile	1.09	16,000	23,000	39,000	3.6	2006
37	Chinese Taipei	0.38	18,850	8,750	27,600	7.3	2009
38	Bulgaria	0.588	21,000	3,000	24,000	4.1	2008
39	Czech Rep.	0.153	11,000	5,000	16,000	10.5	2007
40	Philippines	1.52	7,175	6,635	13,810	0.9	2004
41	Poland	0.1	5,000	8,000	13,000	13.0	2008
42	Slovenia	0.0073	8,072	733	8,805	100.0	2009
43	Uzbekistan	4.26	5,000	2,000	7,000	0.2	2014
44	Malaysia	0.38	2,000	5,000	7,000	1.8	2009
45	Macedonia	0.055	5,000	1,000	6,000	10.9	2008
46	Nepal	1.18	-	-	5,000	0.4	2012
47	Burkina Faso	0.04	4,500	280	4,780	12.0	2015
48	Lithuania	0.0044	4,463	-	4,463	100.0	2010
49	Estonia	0.002	100	500	600	30.0	2013
50	Iraq	3.52	-	-	159	0.0	2012
	Total	225.63	407,69,847	111,11,468	518,86,474	23.0	

S. No.	Country	Total irrigated area	Sprinkler irrigation	Micro Irrigation	Total sprinkler and micro irrigation	Percentage of total irrigated area	Year of reporting
		(Mha)	Hectares				
DEVELOPED COUNTRIES							
1	USA	24.74	123,48,178	16,39,676	139,87,854	57	2009
2	Spain	3.61	8,52,189	17,56,138	26,08,327	72	2014
3	France	2.90	13,79,800	1,03,300	14,83,100	51	2011
4	Italy	2.42	9,58,535	4,22,534	13,81,069	57	2013
5	Australia	2.38	6,90,200	2,14,200	9,04,400	38	2005
6	Canada	1.05	6,83,029	6,034	6,89,063	65	2004
7	Germany	0.54	5,25,000	5,000	5,30,000	98	2005
8	Japan	2.92	4,30,000	60,000	4,90,000	17	2013
9	Romania	1.50	4,48,000	4,000	4,52,000	30	2008
10	Slovak Rep.	0.31	3,10,000	2,650	3,12,650	100	2000
11	Hungary	0.22	1,85,000	7,000	1,92,000	87	2008
12	Austria	0.12	1,17,000	20,000	1,37,000	117	2011
13	UK	0.11	1,05,000	6,000	1,11,000	101	2005
14	Finland	0.07	60,000	10,000	70,000	100	2010
15	Portugal	0.63	40,000	25,000	65,000	10	1999
16	Bulgaria	0.59	21,000	3,000	24,000	4	2008
17	Czech Rep.	0.15	11,000	5,000	16,000	10	2007
18	Poland	0.10	5,000	8,000	13,000	13	2008
19	Slovenia	0.01	8,072	733	8,805	121	2009
20	Lithuania	0.00	4,463	-	4,463	101	2010
21	Estonia	0.00	100	500	600	30	2013
	Sub-total	44.37	191,81,566	42,98,765	234,80,331	53	
EMERGING/DEVELOPING COUNTRIES							
1	India	60.85	30,44,940	18,97,280	49,42,220	8	2010
2	China	59.30	29,26,710	16,69,270	45,95,980	8	2009
3	Brazil	5.80	38,57,104	6,21,346	44,78,450	77	2013
4	Russia	4.50	25,00,000	47,000	25,47,000	57	2012
5	Ukraine	2.20	24,50,000	52,000	25,02,000	114	2013
6	Kazakhstan, Rep.	1.20	14,00,000	17,000	14,17,000	118	2013
7	Iran	8.57	8,02,000	5,94,000	13,96,000	16	2015
8	South Africa	1.67	9,20,059	3,65,342	12,85,401	77	2007
9	Turkey	5.73	6,80,000	3,40,000	10,20,000	18	2012
10	Saudi Arabia	1.62	7,16,000	1,98,000	9,14,000	56	2004
11	Azerbaijan	1.43	6,10,000	100	6,10,100	43	2013
12	Mexico	6.20	4,00,000	2,00,000	6,00,000	10	1999
13	Korea	1.01	2,00,000	4,00,000	6,00,000	59	2009
14	Egypt	3.42	4,50,000	1,04,000	5,54,000	16	2000
15	Israel	0.23	60,000	1,70,000	2,30,000	100	2000
16	Morocco	1.65	1,89,750	8,250	1,98,000	12	2003
17	Moldova	0.23	1,45,000	15,000	1,60,000	70	2012
18	Syria	1.28	93,000	62,000	1,55,000	12	2000
19	Chile	1.09	16,000	23,000	39,000	4	2006
20	Chinese Taipei	0.38	18,850	8,750	27,600	7	2009
21	Philippines	1.52	7,175	6,635	13,810	1	2004
22	Uzbekistan	4.26	5,000	2,000	7,000	0	2014
23	Malaysia	0.38	2,000	5,000	7,000	2	2009
24	Macedonia	0.06	5,000	1,000	6,000	11	2008
25	Iraq	3.52	-	-	159	0	2012
	Sub-total	178.09	214,98,588	68,06,973	283,05,720	16	

S. No.	Country	Total irrigated area	Sprinkler irrigation	Micro Irrigation	Total sprinkler and micro irrigation	Percentage of total irrigated area	Year of reporting
		(Mha)	Hectares				
LEAST DEVELOPED COUNTRIES							
1	Malawi	0.055	43,193	5,450	48,643	88	2000
2	Sudan	1.89	42,000	-	42,000	2.2	2012
3	Nepal	1.18	-	-	5,000	0	2012
4	Burkina Faso	0.04	4,500	280	4,780	12	2015
	Sub-total	3.165	89,693	5,730	1,00,423	3	

SUMMARY

REGIONWISE									
S.No.	Region	Total irrigated area	Sprinkler irrigation	Micro Irrigation	Total sprinkler and micro irrigation	Percentage of total irrigated area	% Sprinkler irrigation	% Micro Irrigation	% Total sprinkler and micro irrigation
		(Mha)	Hectares						
1	Africa	8.73	16,49,502	4,83,322	21,32,824	24.4	4.0	4.3	4.1
2	Americas	38.88	173,04,311	24,90,056	197,94,367	50.9	42.4	22.4	38.1
3	Asia and Oceania	157.77	116,85,875	56,44,235	173,35,269	11.0	28.7	50.8	33.4
4	Europe	20.26	101,30,159	24,93,855	126,24,014	62.3	24.8	22.4	24.3
	Total	225.63	407,69,847	111,11,468	518,86,474	23.0	100.0	100.0	100.0
COUNTRY CLASSIFICATION									
1	Developed Countries	44.4	191,81,566	42,98,765	234,80,331	52.9	47.0	38.7	45.3
2	Emerging/ Developing Countries	178.1	214,98,588	68,06,973	283,05,720	15.9	52.7	61.3	54.6
3	Least Developed Countries	3.165	89,693	5,730	1,00,423	23.0	0.2	0.1	0.2
	Total	225.63	407,69,847	111,11,468	518,86,474	23.0	100.0	100.0	100.0