

Table 14. Irrigation Wells on Farms: 2008 and 2003

[Excludes institutional, research, and experimental farms and farms with horticulture. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Wells capable of being used		Wells used							
	Farms	Number	Farms	Number	With meters			With backflow prevention devices		
					Farms	Number	Acres irrigated	Farms	Number	Acres irrigated
United States	97,942	426,756	97,690	407,913	28,835	107,384	10,776,675	59,657	252,242	21,556,605
2008	100,717	396,167	100,717	374,806	18,926	61,116	6,710,714	60,481	214,110	18,810,378
2003										
2008 DATA										
Alabama	290	486	290	457	21	33	2,770	174	286	15,403
Alaska	19	25	19	25	1	(D)	(D)	4	7	512
Arizona	844	3,429	844	3,193	260	933	109,488	288	1,259	150,560
Arkansas	3,646	40,340	3,646	38,729	355	1,147	165,946	1,621	12,489	1,234,953
California	23,998	65,079	23,998	61,192	5,918	15,415	1,669,726	13,112	32,555	2,624,036
Colorado	2,778	12,310	2,526	10,916	1,225	5,978	587,052	1,581	7,878	817,842
Connecticut	60	100	60	65	-	-	-	26	31	196
Delaware	276	1,155	276	1,100	31	99	6,846	229	926	68,694
Florida	4,436	13,302	4,436	12,698	1,108	4,384	360,984	2,961	8,679	440,746
Georgia	2,509	8,452	2,509	8,052	1,407	4,396	466,009	1,823	6,349	523,687
Hawaii	90	125	90	124	46	54	5,692	69	103	51,687
Idaho	2,262	7,091	2,262	6,982	408	1,069	224,603	1,806	4,990	729,598
Illinois	1,038	3,951	1,038	3,857	123	308	32,246	725	2,883	295,780
Indiana	912	2,817	912	2,746	133	202	33,113	617	1,837	198,495
Iowa	451	1,352	451	1,240	53	103	10,134	300	792	92,832
Kansas	4,092	19,794	4,092	19,301	3,457	16,436	2,061,627	3,206	16,029	1,901,713
Kentucky	214	321	214	313	21	31	3,004	148	224	14,709
Louisiana	1,327	6,682	1,327	6,414	105	260	26,356	656	2,956	350,705
Maine	93	121	93	117	6	20	(D)	93	117	2,802
Maryland	294	863	294	827	36	59	2,936	216	626	42,708
Massachusetts	141	224	141	203	45	65	237	102	159	448
Michigan	1,423	4,439	1,423	4,097	218	562	30,615	1,044	3,184	306,826
Minnesota	1,379	4,414	1,379	4,312	376	1,149	120,162	938	3,381	343,456
Mississippi	1,084	11,898	1,084	11,394	82	148	14,590	697	4,802	530,606
Missouri	1,415	13,264	1,415	12,869	100	268	21,527	644	3,552	338,380
Montana	187	477	187	417	48	92	20,026	146	347	45,759
Nebraska	14,609	80,099	14,609	77,347	6,498	25,129	2,555,881	11,134	51,694	4,932,181
Nevada	732	2,012	732	1,843	354	783	110,373	481	1,209	156,346
New Hampshire	40	48	40	46	11	15	26	24	28	92
New Jersey	439	1,089	439	974	58	104	6,615	241	590	21,760
New Mexico	3,455	8,786	3,455	8,315	1,371	3,066	196,704	1,542	4,740	318,387
New York	293	442	293	392	29	41	1,106	190	259	4,732
North Carolina	381	948	381	920	28	98	3,260	152	376	14,664
North Dakota	358	1,659	358	1,621	220	996	107,377	281	1,380	134,663
Ohio	171	240	171	215	26	32	2,080	121	146	3,936
Oklahoma	1,160	3,966	1,160	3,727	156	495	63,876	757	2,550	213,571
Oregon	4,258	7,557	4,258	7,184	950	1,891	178,885	1,993	3,849	238,620
Pennsylvania	562	880	562	786	43	69	799	354	473	2,829
Rhode Island	32	36	32	36	5	5	15	32	34	90
South Carolina	472	1,230	472	1,135	98	229	5,102	314	701	42,279
South Dakota	646	1,803	646	1,755	78	121	16,473	344	885	100,113
Tennessee	243	581	243	557	48	97	10,012	137	294	27,466
Texas	8,982	79,671	8,982	77,389	2,388	18,599	1,193,479	5,293	58,976	3,490,668
Utah	861	1,876	861	1,786	112	229	31,149	332	807	95,751
Vermont	29	40	29	36	4	4	12	17	21	60
Virginia	240	335	240	276	60	67	(D)	80	96	1,666
Washington	3,218	6,142	3,218	5,244	479	1,173	219,549	1,698	3,360	300,186
West Virginia	42	57	42	52	3	(D)	82	22	27	140
Wisconsin	853	3,253	853	3,192	190	751	65,745	596	2,669	263,586
Wyoming	608	1,495	608	1,445	43	171	23,682	296	637	69,686
Water Resources Regions										
Region 01 New England	374	537	374	475	67	105	(D)	285	377	3,640
Region 02 Mid-Atlantic	1,914	4,539	1,914	4,150	259	440	18,867	1,195	2,856	141,899
Region 03 South Atlantic-Gulf	8,169	24,604	8,169	23,325	2,721	9,189	837,712	5,466	16,415	1,034,717
Region 04 Great Lakes	2,033	5,859	2,033	5,503	306	704	44,232	1,402	4,200	399,930
Region 05 Ohio	971	2,528	971	2,415	138	221	24,010	692	1,590	151,078
Region 06 Tennessee	169	267	169	244	15	25	2,372	103	154	8,663
Region 07 Upper Mississippi	3,246	11,488	3,246	11,154	634	1,991	200,254	2,260	8,686	872,004
Region 08 Lower Mississippi	6,664	65,460	6,664	63,310	530	1,674	218,273	3,321	22,298	2,304,761
Region 09 Souris-Red-Rainy	323	1,411	323	1,388	147	746	68,219	234	1,111	98,852
Region 10 Missouri	19,617	98,756	19,538	94,671	8,604	33,108	3,441,350	14,340	63,847	6,318,352
Region 11 Arkansas-White-Red	6,885	44,776	6,885	43,388	3,612	16,536	2,222,927	4,877	30,382	3,227,131
Region 12 Texas-Gulf	7,277	62,311	7,277	60,627	1,598	15,333	725,965	4,052	46,526	2,257,095
Region 13 Rio Grande	3,582	10,299	3,409	9,117	1,594	5,647	406,145	1,529	5,428	364,371
Region 14 Upper Colorado	419	619	419	615	5	(D)	563	124	136	10,535
Region 15 Lower Colorado	1,016	3,829	1,016	3,530	369	1,136	122,228	340	1,433	164,524
Region 16 Great Basin	1,839	4,115	1,839	3,913	492	960	138,092	1,151	2,524	314,081
Region 17 Pacific Northwest	9,268	19,957	9,268	18,612	1,743	4,026	608,845	5,060	11,528	1,193,777
Region 18 California	24,067	65,251	24,067	61,327	5,954	15,475	1,682,508	13,153	32,641	2,638,996
Region 19 Alaska	19	25	19	25	1	(D)	(D)	4	7	512
Region 20 Hawaii	90	125	90	124	46	54	5,692	69	103	51,687

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Table 14. Irrigation Wells on Farms: 2008 and 2003 - Con.

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Geographic area	Farms by number of wells used									
	1 well	2 wells	3 wells	4 wells	5 wells	6 wells	7 to 9 wells	10 to 14 wells	15 to 19 wells	20 wells or more
United States	45,933	14,802	8,454	6,523	3,189	3,025	5,464	4,904	1,920	3,476
2008 ..	48,187	16,900	8,249	5,334	3,442	2,979	6,545	4,586	2,015	2,480
2008 DATA										
Alabama	222	24	18	13	5	5	2	1	-	-
Alaska	15	3	-	1	-	-	-	-	-	-
Arizona	293	299	44	42	30	30	47	20	14	25
Arkansas	571	195	308	320	210	145	412	604	330	551
California	14,574	2,928	1,795	2,095	451	650	794	368	133	210
Colorado	999	493	158	155	148	149	190	90	57	87
Connecticut	57	2	-	1	-	-	-	-	-	-
Delaware	77	49	50	27	19	15	20	11	4	4
Florida	2,284	928	299	429	118	89	118	84	32	55
Georgia	1,081	513	290	185	63	70	120	118	56	13
Hawaii	80	8	-	-	-	-	-	2	-	-
Idaho	994	593	262	52	94	60	85	64	32	26
Illinois	385	196	116	69	71	42	66	68	10	15
Indiana	402	161	115	73	48	33	36	26	11	7
Iowa	202	97	45	36	13	23	19	9	5	2
Kansas	1,157	685	485	390	226	124	525	317	86	97
Kentucky	169	30	6	2	-	4	1	2	-	-
Louisiana	381	270	147	104	71	67	110	85	38	54
Maine	89	1	-	-	-	2	-	1	-	-
Maryland	141	49	34	22	12	8	14	11	3	-
Massachusetts	120	4	14	-	-	2	-	-	-	1
Michigan	700	337	118	73	51	36	33	39	17	19
Minnesota	728	248	123	57	57	35	52	41	15	23
Mississippi	149	91	76	96	61	58	143	144	94	172
Missouri	294	162	146	74	81	61	125	183	109	180
Montana	119	13	13	20	5	8	4	5	-	-
Nebraska	3,507	2,619	1,931	1,251	750	657	1,595	1,464	372	463
Nevada	442	108	58	38	13	18	27	18	4	6
New Hampshire	34	6	-	-	-	-	-	-	-	-
New Jersey	259	61	39	35	18	10	5	10	2	-
New Mexico	2,540	279	229	74	42	40	63	115	27	46
New York	250	13	20	2	2	2	2	-	-	-
North Carolina	193	105	34	11	9	9	2	16	2	2
North Dakota	130	67	47	17	21	9	37	16	2	12
Ohio	139	23	6	3	-	-	-	-	-	-
Oklahoma	552	245	104	40	37	64	36	41	25	16
Oregon	3,254	550	161	81	43	35	60	40	24	10
Pennsylvania	432	77	40	7	3	-	-	3	-	-
Rhode Island	29	2	1	-	-	-	-	-	-	-
South Carolina	293	46	35	59	10	4	7	8	5	5
South Dakota	279	177	59	37	28	7	30	23	5	1
Tennessee	140	52	19	7	6	3	9	5	1	1
Texas	3,119	1,235	532	318	302	368	593	802	388	1,325
Utah	490	144	159	17	18	3	11	11	6	2
Vermont	22	7	-	-	-	-	-	-	-	-
Virginia	234	2	-	-	1	2	-	-	-	1
Washington	2,463	383	198	56	26	35	26	10	7	14
West Virginia	34	6	2	-	-	-	-	-	-	-
Wisconsin	480	123	90	34	17	22	32	22	6	27
Wyoming	335	93	28	100	7	21	13	7	-	4
Water Resources Regions										
Region 01 New England	337	15	15	1	-	4	-	1	-	1
Region 02 Mid-Atlantic	1,218	236	183	93	57	37	41	35	9	5
Region 03 South Atlantic-Gulf	4,157	1,617	675	697	205	175	248	227	93	75
Region 04 Great Lakes	1,113	423	158	93	74	38	39	51	22	22
Region 05 Ohio	562	154	66	59	39	21	36	25	4	5
Region 06 Tennessee	122	34	6	4	-	2	1	-	-	-
Region 07 Upper Mississippi	1,526	597	349	160	140	108	142	125	34	65
Region 08 Lower Mississippi	1,131	654	586	547	382	313	728	939	515	869
Region 09 Souris-Red-Rainy	131	55	38	17	10	11	35	16	4	6
Region 10 Missouri	5,431	3,699	2,284	1,651	1,010	874	1,996	1,637	411	545
Region 11 Arkansas-White-Red	1,695	1,165	767	518	378	327	711	650	311	363
Region 12 Texas-Gulf	3,016	815	449	217	187	247	391	554	248	1,153
Region 13 Rio Grande	2,496	298	197	76	32	37	44	108	47	74
Region 14 Upper Colorado	311	20	88	-	-	-	-	-	-	-
Region 15 Lower Colorado	409	345	46	42	30	30	49	23	16	26
Region 16 Great Basin	1,193	235	200	63	32	23	46	29	10	8
Region 17 Pacific Northwest	6,379	1,490	550	177	162	127	156	114	63	50
Region 18 California	14,611	2,939	1,797	2,107	451	651	801	368	133	209
Region 19 Alaska	15	3	-	-	-	-	-	-	-	-
Region 20 Hawaii	80	8	-	-	-	-	-	2	-	-