

Table 7. Irrigation Wells Used on Farms: 2013

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

Geographic area	Wells used									
			With flow meters				With backflow prevention devices			
	Farms	Number	Farms	Number	Acres irrigated in the open	Square feet under protection irrigated	Farms	Number	Acres irrigated in the open	Square feet under protection irrigated
United States	121,491	475,796	35,720	132,700	12,968,068	318,407,073	76,193	310,483	24,421,398	630,741,503
Alabama	567	1,193	33	61	3,605	592,320	348	723	30,954	7,027,332
Alaska	114	142	6	10	12	6,560	44	60	336	191,068
Arizona	1,956	4,942	585	1,801	132,580	594,018	809	2,290	141,629	710,360
Arkansas	3,715	48,310	568	2,663	270,359	147,600	1,695	15,890	1,486,547	254,496
California	23,602	59,499	6,264	15,331	1,380,804	90,634,000	14,577	35,588	2,306,649	128,611,243
Colorado	2,674	10,105	2,002	7,013	685,901	10,158,000	1,840	7,968	796,767	10,829,364
Connecticut	459	582	22	30	16	(D)	265	353	940	3,493,820
Delaware	344	1,564	62	193	13,104	24,360	234	1,166	76,361	28,372
Florida	7,033	20,783	1,309	6,224	386,307	(D)	4,581	14,418	530,056	210,338,894
Georgia	3,034	10,726	1,627	7,304	733,933	9,289,015	2,097	8,374	772,201	18,690,488
Hawaii	129	171	60	68	4,323	212,000	51	60	3,945	212,000
Idaho	3,073	9,194	688	1,970	431,708	13,500	2,124	6,926	1,074,307	375,461
Illinois	1,484	5,252	153	536	62,180	4,984,587	1,122	4,148	416,202	11,935,434
Indiana	1,405	4,133	127	403	36,250	578,866	887	2,941	293,605	1,818,316
Iowa	744	1,877	95	240	20,895	89,400	458	1,291	120,343	5,334,721
Kansas	4,745	23,114	4,207	20,556	2,548,343	3,044,464	3,877	19,999	2,451,136	6,104,332
Kentucky	249	427	28	65	4,649	42,000	144	266	14,197	196,128
Louisiana	1,599	8,553	60	196	24,913	284,160	716	3,732	375,353	3,337,008
Maine	540	649	30	52	(D)	(D)	304	343	10,781	1,811,410
Maryland	600	1,515	118	275	13,911	496,024	434	1,121	53,100	6,938,519
Massachusetts	691	1,087	30	32	(D)	(D)	397	643	1,780	3,914,855
Michigan	2,822	7,554	355	753	29,652	7,069,700	2,020	5,801	322,170	19,305,787
Minnesota	1,890	5,385	601	1,743	165,049	1,808,412	1,292	4,181	354,423	11,137,644
Mississippi	1,451	14,670	280	894	102,772	-	862	6,294	655,433	2,405,903
Missouri	1,798	13,621	90	366	40,633	41,300	852	4,412	370,844	4,075,171
Montana	1,056	1,653	123	157	15,601	402,400	295	531	23,392	831,148
Nebraska	14,897	77,155	7,503	30,138	3,141,452	-	11,731	58,982	6,090,003	844,608
Nevada	830	2,593	353	1,166	184,508	349,200	570	1,722	203,259	118,000
New Hampshire	341	456	10	18	22	(D)	241	322	737	2,548,077
New Jersey	961	2,020	210	471	20,531	9,092,486	691	1,501	40,788	15,456,648
New Mexico	4,027	8,759	1,493	3,207	190,131	344,260	1,419	4,473	255,277	606,770
New York	1,085	1,606	102	187	3,919	2,131,200	563	902	16,094	7,346,933
North Carolina	1,290	2,314	83	246	9,336	522,200	809	1,640	27,657	9,211,286
North Dakota	326	1,483	177	1,024	98,522	30,240	265	1,306	129,862	30,240
Ohio	725	1,064	38	48	1,983	826,700	415	668	19,120	6,698,485
Oklahoma	1,293	4,912	216	809	63,618	-	793	3,472	271,101	292,980
Oregon	4,804	8,779	1,222	1,927	171,827	8,299,994	2,221	4,372	238,621	19,301,434
Pennsylvania	2,140	2,908	135	149	930	1,251,806	1,345	1,927	7,117	14,007,783
Rhode Island	167	267	11	11	11	-	75	110	88	683,700
South Carolina	759	1,818	121	364	26,112	9,540	581	1,350	67,524	1,146,685
South Dakota	768	2,161	108	187	21,055	-	491	1,316	142,686	363,135
Tennessee	566	1,472	85	206	17,648	251,528	373	1,000	81,211	22,422,076
Texas	9,542	81,511	2,883	19,911	1,455,096	16,985,845	6,624	65,284	3,218,959	35,271,381
Utah	1,433	3,055	187	397	32,932	2,776,000	500	1,296	142,757	-
Vermont	276	309	3	3	9	-	135	146	166	645,588
Virginia	834	1,185	126	207	1,256	8,363,782	479	734	3,113	16,760,427
Washington	4,196	6,801	611	1,389	241,202	116,000	1,872	3,518	345,235	2,397,720
West Virginia	119	150	3	6	6	-	96	125	349	998,810
Wisconsin	1,851	5,169	373	1,318	122,666	8,031,288	1,313	4,042	351,607	13,537,863
Wyoming	487	1,148	144	375	44,945	-	266	756	84,616	141,600
Water Resources Regions										
Region 01 New England	2,324	3,170	103	143	10,900	(D)	1,376	1,868	14,410	12,651,262
Region 02 Mid-Atlantic	5,215	9,842	751	1,476	53,351	21,359,658	3,334	6,791	190,295	57,171,572
Region 03 South Atlantic-Gulf	12,862	37,228	3,191	14,255	1,159,286	136,914,947	8,529	26,796	1,424,757	249,257,593
Region 04 Great Lakes	4,506	10,787	531	1,284	75,891	14,843,588	3,072	7,994	464,999	33,958,554
Region 05 Ohio	2,076	4,456	150	362	20,737	(D)	1,263	2,927	200,294	26,828,247
Region 06 Tennessee	472	714	38	64	3,165	238,528	278	426	12,577	4,081,076
Region 07 Upper Mississippi	5,287	15,746	1,011	3,193	318,871	7,339,799	3,616	12,179	1,121,067	27,261,384
Region 08 Lower Mississippi	6,869	74,385	938	3,854	417,855	428,160	3,397	27,261	2,687,697	3,880,776
Region 09 Souris-Red-Rainy	349	1,459	139	725	63,481	30,240	261	1,191	105,725	34,580
Region 10 Missouri	20,893	97,219	10,772	41,901	4,462,140	12,929,764	15,603	74,138	7,771,269	23,076,631
Region 11 Arkansas-White-Red	7,528	48,391	4,303	22,973	2,775,148	382,600	5,640	35,349	3,609,724	4,682,291
Region 12 Texas-Gulf	7,508	65,870	1,737	12,602	658,618	16,873,845	5,069	52,498	2,064,485	34,521,383
Region 13 Rio Grande	4,620	9,999	2,004	5,685	358,648	391,260	1,611	4,796	287,701	653,768
Region 14 Upper Colorado	622	1,096	54	127	5,806	-	163	269	11,132	14,700
Region 15 Lower Colorado	2,204	5,335	635	1,880	139,605	600,318	1,073	2,679	1,544,770	716,660
Region 16 Great Basin	1,882	4,982	505	1,417	220,204	3,125,200	975	2,778	345,841	118,000
Region 17 Pacific Northwest	12,262	24,953	2,506	5,256	826,328	8,831,894	6,218	14,677	1,616,013	22,817,515
Region 18 California	23,769	59,851	6,286	15,425	1,393,699	90,627,700	14,620	35,746	2,334,361	128,612,443
Region 19 Alaska	114	142	6	10	12	6,560	44	60	336	191,068
Region 20 Hawaii	129	171	60	68	4,323	212,000	51	60	3,945	212,000

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Table 7. Irrigation Wells Used on Farms: 2013 (continued)

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

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	60,706	20,983	10,019	6,437	4,103	2,876	5,106	4,625	2,477	4,159
Alabama	336	136	18	30	15	15	9	2	-	6
Alaska	91	20	1	2	-	-	-	-	-	-
Arizona	1,226	375	107	73	20	2	55	56	24	18
Arkansas	576	340	249	161	145	164	385	470	308	917
California	13,860	4,147	1,946	1,374	379	388	592	491	143	282
Colorado	1,202	479	269	89	145	150	135	105	29	71
Connecticut	365	68	23	3	-	-	-	-	-	-
Delaware	97	76	34	38	20	20	23	18	8	10
Florida	3,782	1,476	739	325	199	74	164	85	55	134
Georgia	1,326	547	252	244	157	86	212	100	63	47
Hawaii	107	13	8	-	-	-	-	1	-	-
Idaho	1,630	675	196	136	95	94	94	81	31	41
Illinois	701	270	133	78	56	47	71	72	32	24
Indiana	673	249	151	97	65	41	50	47	19	13
Iowa	445	110	71	23	28	18	19	12	13	5
Kansas	955	1,138	543	618	387	143	417	322	99	123
Kentucky	165	56	12	-	7	5	-	3	1	-
Louisiana	425	278	198	123	110	96	115	131	51	72
Maine	463	63	13	-	-	-	-	-	-	1
Maryland	336	84	69	23	28	12	23	18	5	2
Massachusetts	465	170	29	6	7	1	-	13	-	-
Michigan	1,679	440	229	168	42	75	62	50	24	53
Minnesota	1,051	298	220	85	56	54	51	32	13	30
Mississippi	255	181	119	100	80	78	159	157	101	221
Missouri	599	320	131	54	55	45	129	148	89	228
Montana	753	131	149	4	11	-	-	4	-	4
Nebraska	4,269	2,519	1,756	1,377	1,077	535	1,052	1,237	547	528
Nevada	310	267	69	37	40	22	30	40	5	10
New Hampshire	242	89	9	-	-	-	1	-	-	-
New Jersey	567	177	102	35	25	17	13	21	-	4
New Mexico	2,915	532	210	72	32	35	65	86	39	41
New York	776	212	49	11	20	10	7	-	-	-
North Carolina	748	370	73	33	32	2	24	4	2	2
North Dakota	114	71	30	15	24	10	29	19	2	12
Ohio	581	88	26	15	5	6	-	1	2	1
Oklahoma	577	255	125	85	41	30	79	36	32	33
Oregon	3,348	861	231	105	52	34	64	68	24	17
Pennsylvania	1,621	370	106	24	9	2	4	4	-	-
Rhode Island	87	72	-	4	4	-	-	-	-	-
South Carolina	366	183	108	17	17	26	21	13	4	4
South Dakota	385	125	94	30	24	47	34	20	5	4
Tennessee	294	111	41	49	20	16	18	11	1	5
Texas	3,275	1,238	574	491	469	377	762	557	657	1,142
Utah	909	273	83	38	21	46	35	8	16	4
Vermont	250	19	7	-	-	-	-	-	-	-
Virginia	637	151	16	4	12	-	10	4	-	-
Washington	3,268	484	232	73	25	12	42	29	15	16
West Virginia	96	15	8	-	-	-	-	-	-	-
Wisconsin	1,199	299	127	48	36	22	34	36	18	32
Wyoming	309	62	34	20	11	19	17	13	-	2
Water Resources Regions										
Region 01 New England	1,745	465	74	13	11	1	1	13	-	1
Region 02 Mid-Atlantic	3,417	957	369	133	110	61	80	59	13	16
Region 03 South Atlantic-Gulf	6,639	2,764	1,206	658	435	205	430	208	124	193
Region 04 Great Lakes	2,845	682	350	224	75	94	81	63	32	60
Region 05 Ohio	1,347	372	107	72	50	36	26	36	20	10
Region 06 Tennessee	336	91	16	14	8	1	6	-	-	-
Region 07 Upper Mississippi	2,965	911	464	203	147	129	170	150	66	82
Region 08 Lower Mississippi	1,098	723	642	416	368	374	690	830	457	1,271
Region 09 Souris-Red-Rainy	148	43	52	13	23	14	30	16	3	7
Region 10 Missouri	6,766	3,725	2,317	1,851	1,400	731	1,422	1,481	602	598
Region 11 Arkansas-White-Red	1,821	1,539	842	569	435	295	694	503	327	503
Region 12 Texas-Gulf	2,765	921	402	357	342	283	490	423	559	966
Region 13 Rio Grande	3,496	523	190	72	63	54	74	69	16	63
Region 14 Upper Colorado	470	70	56	4	-	1	16	-	4	1
Region 15 Lower Colorado	1,372	453	124	76	20	2	59	56	24	18
Region 16 Great Basin	916	487	153	72	62	67	42	55	17	11
Region 17 Pacific Northwest	8,390	2,044	691	314	175	137	199	168	70	74
Region 18 California	13,972	4,180	1,955	1,374	379	391	596	494	143	285
Region 19 Alaska	91	20	1	2	-	-	-	-	-	-
Region 20 Hawaii	107	13	8	-	-	-	-	1	-	-