

**Table 12. On-Farm Energy Expense for Pumping Irrigation Water by Water Source and Type of Energy: 2013**

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

Geographic area	Total energy expenses for pumping <sup>1</sup>						Expenses (\$1,000)
	Farms	Pumps powered	Acres in the open by water source		Square feet under protection by water source		
			Water from wells	Surface water	Water from wells	Surface water	
United States .....	154,890	603,579	38,841,155	13,271,450	899,280,782	410,872,236	2,669,965
Alabama .....	845	1,951	52,143	53,938	11,134,312	(D)	5,206
Alaska .....	140	205	846	94	272,484	90,252	43
Arizona .....	2,105	5,630	344,797	244,137	13,394,720	7,198,800	42,674
Arkansas .....	4,070	54,233	4,937,274	804,206	275,748	2,054,600	165,237
California .....	26,621	82,725	4,062,337	3,374,360	146,003,825	76,895,859	631,515
Colorado .....	4,042	13,873	1,010,238	457,285	12,134,380	643,108	77,386
Connecticut .....	531	783	2,379	2,804	10,588,892	16,356,851	559
Delaware .....	357	1,672	111,313	7,424	(D)	-	3,575
Florida .....	7,664	23,717	728,896	657,622	318,994,532	(D)	61,082
Georgia .....	3,386	14,396	1,010,349	235,931	21,637,369	320,450	42,913
Hawaii .....	307	505	29,606	58,688	577,360	3,355,150	2,745
Idaho .....	7,334	24,145	1,437,386	1,550,597	524,149	1,964,160	180,959
Illinois .....	1,665	5,621	543,540	10,200	18,839,721	(D)	14,126
Indiana .....	1,677	4,865	427,441	48,310	2,840,836	3,418,040	10,629
Iowa .....	852	2,077	168,117	8,337	5,964,626	360,700	3,807
Kansas .....	5,000	24,137	2,930,251	54,507	6,284,892	3,045,400	166,176
Kentucky .....	587	973	26,700	18,239	468,428	5,957,180	917
Louisiana .....	1,890	10,405	932,434	214,853	6,484,088	971,044	37,054
Maine .....	671	917	11,068	10,524	8,478,318	413,504	646
Maryland .....	784	2,062	79,800	21,476	7,868,509	1,690,319	3,418
Massachusetts .....	1,196	2,780	4,095	24,638	5,723,626	2,652,266	2,673
Michigan .....	3,369	9,953	486,850	133,207	24,132,424	21,931,485	19,726
Minnesota .....	2,031	5,776	469,832	39,836	12,996,114	3,270,000	14,177
Mississippi .....	1,698	15,877	1,684,150	94,113	1,177,503	63,000	61,899
Missouri .....	2,209	14,393	1,241,670	59,586	3,783,340	481,180	27,155
Montana .....	3,427	8,031	54,843	1,008,777	1,921,828	155,420	19,138
Nebraska .....	15,334	83,018	8,009,178	477,561	1,408,368	-	405,034
Nevada .....	876	2,946	362,850	99,156	(D)	-	31,674
New Hampshire .....	404	658	1,077	2,150	4,395,296	330,268	271
New Jersey .....	1,057	2,755	59,693	25,617	17,850,338	6,215,835	4,512
New Mexico .....	4,572	10,471	429,664	195,058	652,068	237,248	41,953
New York .....	1,458	2,469	25,052	20,551	11,292,799	2,151,215	1,967
North Carolina .....	1,966	4,323	38,140	71,642	13,200,179	20,464,250	4,161
North Dakota .....	448	1,884	156,569	40,559	121,488	728,064	5,914
Ohio .....	1,066	1,924	24,842	19,379	11,304,758	16,533,838	1,878
Oklahoma .....	1,469	5,351	395,101	47,364	1,644,080	7,373,468	22,160
Oregon .....	8,329	20,122	511,998	722,381	25,723,027	17,933,053	53,003
Pennsylvania .....	2,545	3,844	10,679	10,934	26,643,860	1,379,470	1,117
Rhode Island .....	218	340	422	1,953	890,152	154,304	180
South Carolina .....	910	2,388	102,947	33,702	2,687,805	19,600	4,524
South Dakota .....	962	2,733	248,133	98,445	577,435	151,200	8,841
Tennessee .....	769	2,012	130,429	17,142	27,406,042	7,528,840	4,364
Texas .....	10,603	85,787	4,164,655	229,150	63,390,577	36,099,233	327,390
Utah .....	3,241	5,886	277,515	368,889	6,846,492	33,250	23,445
Vermont .....	373	558	338	1,947	1,356,932	444,896	162
Virginia .....	1,083	1,943	5,953	38,827	19,693,684	12,178,885	2,134
Washington .....	7,727	17,898	522,575	917,534	3,776,400	1,048,360	93,964
West Virginia .....	187	256	802	468	1,060,260	335,360	70
Wisconsin .....	2,195	6,704	433,022	47,907	14,620,018	117,500	19,343
Wyoming .....	2,640	5,607	141,166	589,445	134,500	167,200	16,470
<b>Water Resources Regions</b>							
Region 01 New England .....	3,151	5,664	19,130	42,370	30,321,084	19,947,193	4,352
Region 02 Mid-Atlantic .....	6,183	13,120	285,002	108,919	77,742,111	21,579,384	15,746
Region 03 South Atlantic-Gulf .....	15,102	47,381	1,927,451	1,071,104	369,620,649	135,663,348	118,514
Region 04 Great Lakes .....	5,621	14,616	689,249	171,501	44,930,704	39,620,452	26,690
Region 05 Ohio .....	3,018	6,266	316,008	43,615	32,458,821	16,200,887	9,434
Region 06 Tennessee .....	713	1,398	17,773	38,544	4,132,823	2,269,640	2,239
Region 07 Upper Mississippi .....	6,065	18,246	1,429,382	128,692	36,973,745	14,653,783	47,090
Region 08 Lower Mississippi .....	7,327	81,765	8,007,743	948,420	9,370,808	3,223,844	258,708
Region 09 Souris-Red-Rainy .....	427	1,704	143,289	24,164	367,044	818,064	4,146
Region 10 Missouri .....	26,077	115,412	10,158,256	2,267,886	25,744,035	852,180	548,619
Region 11 Arkansas-White-Red .....	8,257	51,526	4,985,193	244,040	6,261,876	12,373,668	299,200
Region 12 Texas-Gulf .....	8,507	69,504	2,729,537	238,689	62,756,577	34,515,233	218,962
Region 13 Rio Grande .....	4,918	11,259	546,223	169,166	599,068	237,248	46,374
Region 14 Upper Colorado .....	2,066	4,316	51,195	363,127	154,700	208,808	10,081
Region 15 Lower Colorado .....	2,439	6,126	362,022	268,057	13,385,020	7,198,800	44,804
Region 16 Great Basin .....	3,217	7,575	610,211	421,134	6,764,716	33,250	51,084
Region 17 Pacific Northwest .....	24,413	63,361	2,402,718	3,227,170	30,842,132	20,205,193	321,308
Region 18 California .....	26,942	83,630	4,130,321	3,436,070	146,005,025	77,825,859	639,828
Region 19 Alaska .....	140	205	846	94	272,484	90,252	43
Region 20 Hawaii .....	307	505	29,606	58,688	577,360	3,355,150	2,745

See footnote(s) at end of table.

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**Table 12. On-Farm Energy Expense for Pumping Irrigation Water by Water Source and Type of Energy: 2013 (continued)**

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

Geographic area	Total energy expenses for pumping <sup>1</sup> - con.					
	Expenses per irrigated acre for operations with only acres in the open (dollars) <sup>2</sup>		Expenses per irrigated acre for operations with only horticulture in the open (dollars) <sup>2</sup>		Expenses per 10,000 sq. ft. for operations with only irrigated horticulture under protection (dollars) <sup>3</sup>	
	Water from wells	Surface water	Water from wells	Surface water	Water from wells	Surface water
United States .....	54.75	34.18	69.17	91.11	122.30	50.74
Alabama .....	42.41	51.48	83.06	(D)	72.58	38.32
Alaska .....	37.03	27.18	(D)	-	37.71	157.33
Arizona .....	126.12	22.36	20.91	(D)	500.00	-
Arkansas .....	29.38	21.54	175.90	47.34	96.45	-
California .....	127.51	47.28	81.99	182.90	207.43	11.70
Colorado .....	71.26	20.63	151.96	60.75	345.66	214.07
Connecticut .....	84.99	35.41	125.62	(D)	458.83	7.03
Delaware .....	31.01	44.29	41.15	35.00	66.67	-
Florida .....	57.93	20.57	96.67	89.65	87.47	43.45
Georgia .....	35.48	29.47	33.04	29.58	33.85	-
Hawaii .....	214.38	48.45	-	186.84	55.26	250.86
Idaho .....	72.08	46.57	19.55	51.24	54.64	4.49
Illinois .....	24.95	34.25	38.20	75.66	52.87	563.29
Indiana .....	22.56	20.80	35.66	220.63	155.81	249.98
Iowa .....	21.21	29.48	17.72	114.87	274.28	324.43
Kansas .....	56.73	26.64	108.75	23.98	82.48	-
Kentucky .....	15.90	18.57	86.71	131.91	71.75	162.04
Louisiana .....	32.77	24.08	69.10	113.41	57.96	50.00
Maine .....	24.33	21.85	68.47	(D)	24.28	73.53
Maryland .....	25.57	31.79	47.29	17.56	164.13	7.20
Massachusetts .....	120.60	86.62	262.70	140.81	182.50	148.61
Michigan .....	30.92	33.04	34.97	39.52	50.44	10.88
Minnesota .....	27.27	20.21	42.23	44.00	217.74	66.67
Mississippi .....	34.62	27.36	35.70	219.05	13.02	-
Missouri .....	20.59	20.89	78.99	21.04	47.88	32.17
Montana .....	28.91	17.08	45.29	(D)	49.48	15.94
Nebraska .....	48.39	25.32	70.83	81.67	13.67	-
Nevada .....	83.51	25.86	288.47	-	-	-
New Hampshire .....	37.37	24.57	25.62	(D)	432.32	-
New Jersey .....	56.80	51.35	93.73	64.70	354.11	-
New Mexico .....	80.74	37.34	62.11	55.00	227.17	-
New York .....	49.90	26.28	84.27	84.18	71.85	103.47
North Carolina .....	27.92	35.50	50.40	137.18	148.68	29.28
North Dakota .....	28.85	25.19	-	(D)	36.79	-
Ohio .....	30.58	36.81	37.25	83.60	70.23	79.74
Oklahoma .....	51.99	16.92	19.51	95.49	58.64	-
Oregon .....	49.38	46.11	52.19	(D)	48.76	34.90
Pennsylvania .....	53.52	38.49	74.46	89.29	143.08	349.26
Rhode Island .....	34.88	45.36	23.09	38.79	838.57	-
South Carolina .....	30.16	31.80	35.31	76.06	657.00	17.50
South Dakota .....	26.28	23.93	(D)	(D)	92.43	555.56
Tennessee .....	21.94	38.79	19.10	53.79	10.88	22.09
Texas .....	75.73	38.16	129.99	51.59	215.55	204.90
Utah .....	56.45	19.09	46.61	-	-	-
Vermont .....	34.55	70.30	49.74	(D)	108.43	113.64
Virginia .....	38.09	40.04	42.06	121.48	73.84	-
Washington .....	76.05	52.16	113.35	37.55	155.12	-
West Virginia .....	39.73	46.82	24.16	82.83	269.08	100.00
Wisconsin .....	33.23	122.90	40.79	110.01	207.35	-
Wyoming .....	50.06	18.11	-	25.00	8.11	437.50
<b>Water Resources Regions</b>						
Region 01 New England .....	74.90	64.49	102.38	43.51	243.30	16.73
Region 02 Mid-Atlantic .....	37.03	35.98	76.70	82.92	147.17	210.38
Region 03 South Atlantic-Gulf .....	44.48	25.09	69.50	82.85	88.65	44.36
Region 04 Great Lakes .....	29.25	34.23	35.33	53.51	70.16	35.10
Region 05 Ohio .....	22.79	28.97	28.71	93.64	28.67	51.75
Region 06 Tennessee .....	36.85	30.79	48.76	42.25	165.60	33.14
Region 07 Upper Mississippi .....	27.78	59.55	41.18	87.94	164.79	237.66
Region 08 Lower Mississippi .....	28.38	27.49	53.97	(D)	34.34	50.00
Region 09 Souris-Red-Rainy .....	24.43	17.25	-	-	216.24	-
Region 10 Missouri .....	49.17	19.77	97.34	30.57	67.93	85.35
Region 11 Arkansas-White-Red .....	60.02	13.95	34.15	58.80	219.47	257.14
Region 12 Texas-Gulf .....	75.65	39.74	129.99	52.08	219.25	204.90
Region 13 Rio Grande .....	80.13	35.18	(D)	55.00	227.17	-
Region 14 Upper Colorado .....	30.34	23.27	-	81.58	476.19	204.96
Region 15 Lower Colorado .....	125.55	20.06	20.91	(D)	555.56	-
Region 16 Great Basin .....	75.32	17.88	88.15	50.00	-	-
Region 17 Pacific Northwest .....	67.35	46.51	56.62	(D)	72.50	26.15
Region 18 California .....	126.02	47.19	81.82	182.90	207.37	19.58
Region 19 Alaska .....	37.03	27.18	(D)	-	37.71	157.33
Region 20 Hawaii .....	214.38	48.45	-	186.84	55.26	250.86

See footnote(s) at end of table.

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**Table 12. On-Farm Energy Expense for Pumping Irrigation Water by Water Source and Type of Energy: 2013 (continued)**

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

Geographic area	Total energy expenses for pumping <sup>1</sup> - con.						
	Farms with energy expenses of -						
	\$1 to \$999	\$1,000 to \$1,999	\$2,000 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$19,999	\$20,000 to \$49,999	\$50,000 or more
United States .....	58,033	14,886	25,935	15,086	13,384	14,602	12,964
Alabama .....	476	84	120	48	41	55	21
Alaska .....	131	6	1	1	1	-	-
Arizona .....	1,174	130	216	149	142	91	203
Arkansas .....	747	210	250	423	563	789	1,088
California .....	7,488	2,289	7,193	3,503	1,536	2,113	2,499
Colorado .....	1,059	638	681	336	340	516	472
Connecticut .....	436	45	36	-	8	6	-
Delaware .....	111	53	64	49	26	35	19
Florida .....	4,317	934	824	553	495	329	212
Georgia .....	1,208	366	418	433	399	371	191
Hawaii .....	211	19	50	14	2	3	8
Idaho .....	2,068	410	1,742	1,054	669	569	822
Illinois .....	565	152	347	223	178	145	55
Indiana .....	688	160	301	202	191	106	29
Iowa .....	376	104	171	77	77	45	2
Kansas .....	337	497	762	644	682	1,154	924
Kentucky .....	438	49	65	19	6	9	1
Louisiana .....	414	155	248	225	249	413	186
Maine .....	611	48	3	2	3	2	2
Maryland .....	441	63	124	60	64	26	6
Massachusetts .....	856	112	95	60	45	21	7
Michigan .....	1,884	430	352	253	206	164	80
Minnesota .....	602	197	583	307	219	91	32
Mississippi .....	245	198	211	212	155	339	338
Missouri .....	851	123	383	241	238	238	135
Montana .....	1,662	450	543	231	288	199	54
Nebraska .....	1,256	1,231	2,651	1,415	3,240	3,232	2,309
Nevada .....	132	178	93	89	59	172	153
New Hampshire .....	335	27	25	17	-	-	-
New Jersey .....	581	110	171	77	62	47	9
New Mexico .....	2,737	344	508	378	176	217	212
New York .....	1,088	162	142	17	32	13	4
North Carolina .....	1,387	197	231	56	46	43	6
North Dakota .....	61	34	137	96	49	48	23
Ohio .....	825	80	91	40	12	14	4
Oklahoma .....	526	118	191	173	187	185	89
Oregon .....	4,351	1,017	1,375	586	489	343	168
Pennsylvania .....	2,201	238	82	21	2	1	-
Rhode Island .....	176	9	28	5	-	-	-
South Carolina .....	502	91	159	47	56	37	18
South Dakota .....	98	93	333	211	149	56	22
Tennessee .....	443	49	98	68	67	27	17
Texas .....	2,895	727	1,632	779	1,049	1,519	2,002
Utah .....	1,556	244	509	405	295	147	85
Vermont .....	332	30	4	7	-	-	-
Virginia .....	876	62	62	35	21	20	7
Washington .....	4,087	1,238	782	696	261	363	300
West Virginia .....	167	12	6	1	1	-	-
Wisconsin .....	1,092	237	252	233	131	173	77
Wyoming .....	933	436	590	315	177	116	73
<b>Water Resources Regions</b>							
Region 01 New England .....	2,544	242	187	84	56	29	9
Region 02 Mid-Atlantic .....	4,352	622	586	242	201	138	42
Region 03 South Atlantic-Gulf .....	8,000	1,784	1,830	1,182	1,031	827	448
Region 04 Great Lakes .....	3,438	673	493	393	296	230	98
Region 05 Ohio .....	2,036	193	374	167	136	91	21
Region 06 Tennessee .....	535	42	50	30	30	14	12
Region 07 Upper Mississippi .....	2,320	572	1,304	750	554	405	160
Region 08 Lower Mississippi .....	913	475	817	913	1,027	1,616	1,566
Region 09 Souris-Red-Rainy .....	102	38	103	87	51	36	10
Region 10 Missouri .....	3,981	2,490	4,884	2,762	4,438	4,528	2,994
Region 11 Arkansas-White-Red .....	1,625	719	999	794	1,125	1,286	1,709
Region 12 Texas-Gulf .....	2,368	710	1,435	599	752	1,233	1,410
Region 13 Rio Grande .....	2,928	454	496	299	196	316	229
Region 14 Upper Colorado .....	868	348	357	328	79	76	10
Region 15 Lower Colorado .....	1,330	216	245	155	179	101	213
Region 16 Great Basin .....	1,192	222	563	431	269	276	264
Region 17 Pacific Northwest .....	11,645	2,764	3,791	2,346	1,394	1,233	1,240
Region 18 California .....	7,514	2,297	7,370	3,509	1,567	2,164	2,521
Region 19 Alaska .....	131	6	1	1	1	-	-
Region 20 Hawaii .....	211	19	50	14	2	3	8

See footnote(s) at end of table.

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**Table 12. On-Farm Energy Expense for Pumping Irrigation Water by Water Source and Type of Energy: 2013 (continued)**

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

Geographic area	Electricity									
	Farms	Pumps powered	Acres in the open by water source		Square feet under protection by water source		Expenses (\$1,000)	Expenses per acre <sup>2</sup> (dollars)		
			Water from wells	Surface water	Water from wells	Surface water		Water from wells	Surface water	
United States .....	129,782	427,918	23,800,355	9,594,711	655,504,802	314,938,573	1,849,541	59.59	35.24	
Alabama .....	730	1,494	25,976	23,888	(D)	4,627,426	2,307	47.21	32.69	
Alaska .....	123	180	(D)	(D)	269,924	90,252	(D)	37.90	70.00	
Arizona .....	1,861	4,824	290,295	194,401	13,394,720	7,198,800	36,901	124.51	16.90	
Arkansas .....	3,198	25,513	2,232,279	353,234	275,748	2,054,600	71,247	27.70	37.51	
California .....	24,124	70,370	3,471,608	2,518,381	(D)	76,143,139	544,780	130.23	49.15	
Colorado .....	3,639	12,387	911,773	360,459	12,134,380	638,908	68,347	70.87	21.59	
Connecticut .....	465	629	1,584	752	10,588,892	16,356,844	453	60.46	20.98	
Delaware .....	269	927	51,329	(D)	(D)	-	1,295	24.20	60.65	
Florida .....	5,753	11,144	234,422	113,335	125,368,560	(D)	14,819	44.07	26.03	
Georgia .....	3,003	10,880	735,649	133,304	21,423,916	299,450	29,862	33.70	35.15	
Hawaii .....	284	456	27,030	53,296	577,360	2,426,280	2,132	(D)	58.89	
Idaho .....	7,206	23,674	1,418,035	1,501,439	524,149	1,964,160	177,317	71.85	45.61	
Illinois .....	1,234	3,745	343,425	3,290	12,587,167	(D)	8,211	23.23	15.09	
Indiana .....	1,247	3,056	260,507	16,825	(D)	2,821,160	5,443	19.66	16.63	
Iowa .....	652	1,471	119,319	3,685	1,566,710	273,600	2,178	17.00	27.79	
Kansas .....	2,650	8,558	902,153	18,031	6,256,892	2,980,800	57,946	64.76	38.11	
Kentucky .....	338	474	10,559	6,666	468,428	5,339,400	412	(D)	16.82	
Louisiana .....	1,452	5,258	419,841	71,383	6,412,088	971,044	15,935	33.86	16.75	
Maine .....	525	606	654	365	(D)	253,504	79	51.48	12.72	
Maryland .....	533	1,084	29,785	2,909	7,643,089	1,606,307	946	27.03	25.20	
Massachusetts .....	696	1,237	2,173	5,226	5,702,626	1,402,266	863	138.39	89.76	
Michigan .....	2,783	6,521	321,282	61,014	23,672,928	20,778,985	10,983	27.50	22.34	
Minnesota .....	1,723	4,904	405,742	20,576	12,996,114	3,240,000	10,941	25.66	9.66	
Mississippi .....	1,366	6,851	593,502	41,788	1,177,503	63,000	21,561	34.14	27.57	
Missouri .....	1,556	6,519	505,035	27,109	3,237,440	274,180	10,664	19.58	21.87	
Montana .....	3,012	7,356	53,843	906,929	1,921,828	144,420	17,184	32.02	16.75	
Nebraska .....	10,510	46,031	4,319,383	198,279	1,408,368	-	208,966	46.43	15.79	
Nevada .....	859	2,833	335,090	73,286	(D)	-	28,823	81.67	26.21	
New Hampshire .....	347	434	456	171	4,042,784	67,260	180	31.96	30.80	
New Jersey .....	693	1,292	21,046	3,521	(D)	5,435,791	1,584	58.89	62.05	
New Mexico .....	4,196	8,798	326,291	167,866	652,068	192,248	34,544	85.43	35.66	
New York .....	981	1,384	4,524	1,805	10,275,914	434,650	366	35.92	29.72	
North Carolina .....	1,655	3,299	32,804	26,561	(D)	20,422,250	2,706	34.57	42.88	
North Dakota .....	394	1,654	139,569	25,696	121,488	728,064	4,851	29.42	27.15	
Ohio .....	823	1,363	19,299	5,537	11,193,958	16,325,128	1,019	26.56	51.46	
Oklahoma .....	1,039	3,456	189,052	13,595	1,644,080	7,373,468	9,493	46.92	19.15	
Oregon .....	8,210	19,595	491,664	687,182	25,523,024	17,003,050	51,481	50.49	47.04	
Pennsylvania .....	1,884	2,686	8,546	2,051	(D)	1,165,930	636	43.37	32.91	
Rhode Island .....	152	255	400	93	882,152	66,000	91	30.89	103.23	
South Carolina .....	862	2,080	74,607	18,426	2,507,805	202,600	3,526	32.70	36.70	
South Dakota .....	843	2,384	215,786	77,616	577,435	151,200	7,274	26.07	21.22	
Tennessee .....	577	1,300	60,002	4,886	(D)	4,894,440	2,143	19.07	28.35	
Texas .....	9,334	74,452	2,915,462	103,186	37,254,577	35,297,433	236,750	78.82	29.66	
Utah .....	2,838	5,123	260,986	321,723	6,846,492	33,250	22,281	59.52	19.81	
Vermont .....	328	428	318	729	1,297,924	444,896	120	33.90	135.38	
Virginia .....	939	1,463	(D)	12,813	(D)	11,502,085	777	41.49	25.24	
Washington .....	7,688	17,298	513,482	862,177	3,754,000	1,048,360	90,769	75.45	53.08	
West Virginia .....	162	215	764	(D)	1,060,260	311,360	(D)	39.75	29.80	
Wisconsin .....	1,679	4,894	372,772	15,641	(D)	117,500	13,077	31.32	75.12	
Wyoming .....	2,367	5,083	125,715	531,418	134,500	167,200	15,214	54.51	17.84	
<b>Water Resources Regions</b>										
Region 01 New England .....	2,312	3,315	5,356	6,731	(D)	18,185,874	1,686	82.75	74.73	
Region 02 Mid-Atlantic .....	4,573	7,873	118,036	22,829	(D)	20,065,828	5,383	31.54	29.30	
Region 03 South Atlantic-Gulf .....	12,304	29,576	1,104,667	337,177	(D)	57,609,988	54,062	36.70	31.35	
Region 04 Great Lakes .....	4,483	9,838	478,350	73,788	44,079,315	36,655,537	15,649	26.23	26.01	
Region 05 Ohio .....	2,141	3,923	170,076	13,491	32,244,781	12,628,967	4,550	19.72	25.70	
Region 06 Tennessee .....	543	876	(D)	(D)	1,645,240	(D)	(D)	(D)	18.05	
Region 07 Upper Mississippi .....	4,691	13,307	1,081,135	51,177	30,542,011	10,939,083	30,968	26.47	31.43	
Region 08 Lower Mississippi .....	5,856	38,262	3,434,426	421,647	9,298,808	3,213,044	108,618	28.17	24.27	
Region 09 Souris-Red-Rainy .....	377	1,490	127,369	14,263	367,044	818,064	3,290	24.25	10.96	
Region 10 Missouri .....	18,941	69,896	5,717,026	1,717,936	20,784,719	596,080	311,393	48.26	19.14	
Region 11 Arkansas-White-Red .....	5,799	27,042	2,021,426	75,217	6,261,876	11,605,668	126,590	62.61	21.16	
Region 12 Texas-Gulf .....	7,636	63,689	2,254,096	116,462	36,620,577	34,481,433	186,832	79.31	32.01	
Region 13 Rio Grande .....	4,576	9,937	444,248	148,008	599,068	192,248	37,275	78.78	34.97	
Region 14 Upper Colorado .....	1,733	3,409	38,867	301,220	154,700	204,608	8,096	34.34	22.28	
Region 15 Lower Colorado .....	2,187	5,312	307,568	214,601	13,385,020	7,198,800	38,989	123.96	14.95	
Region 16 Great Basin .....	2,854	6,708	572,195	350,246	6,764,716	33,250	47,086	75.40	18.18	
Region 17 Pacific Northwest .....	23,942	61,619	2,355,942	3,100,487	30,619,729	20,205,190	313,660	67.38	46.44	
Region 18 California .....	24,427	71,210	3,534,172	2,567,766	(D)	76,143,139	552,410	128.42	49.04	
Region 19 Alaska .....	123	180	(D)	(D)	269,924	90,252	(D)	37.90	70.00	
Region 20 Hawaii .....	284	456	27,030	53,296	577,360	2,426,280	2,132	(D)	58.89	

See footnote(s) at end of table.

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**Table 12. On-Farm Energy Expense for Pumping Irrigation Water by Water Source and Type of Energy: 2013 (continued)**

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

Geographic area	Electricity - con.						
	Farms with energy expenses of -						
	\$1 to \$999	\$1,000 to \$1,999	\$2,000 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$19,999	\$20,000 to \$49,999	\$50,000 or more
United States .....	51,251	13,448	23,288	13,448	9,516	10,516	8,315
Alabama .....	459	78	89	41	31	29	3
Alaska .....	120	1	1	1	-	-	-
Arizona .....	1,036	130	162	140	132	81	180
Arkansas .....	676	221	439	356	489	593	424
California .....	6,199	2,257	6,693	3,420	1,385	2,060	2,110
Colorado .....	1,033	630	469	328	344	435	400
Connecticut .....	402	30	19	-	8	6	-
Delaware .....	117	41	45	24	29	10	3
Florida .....	3,812	787	624	294	103	96	37
Georgia .....	1,097	378	432	420	258	283	135
Hawaii .....	201	15	42	14	4	1	7
Idaho .....	2,051	412	1,747	1,031	600	603	762
Illinois .....	486	138	292	121	85	84	28
Indiana .....	510	148	271	147	119	46	6
Iowa .....	300	95	124	73	40	19	1
Kansas .....	287	275	491	607	306	467	217
Kentucky .....	269	28	25	7	4	5	-
Louisiana .....	429	185	217	191	180	197	53
Maine .....	524	1	-	-	-	-	-
Maryland .....	344	51	74	43	16	5	-
Massachusetts .....	552	29	52	47	9	7	-
Michigan .....	1,778	284	293	171	113	108	36
Minnesota .....	560	203	466	227	164	79	24
Mississippi .....	292	214	266	174	124	171	125
Missouri .....	623	175	315	146	140	123	34
Montana .....	1,456	368	496	216	269	153	54
Nebraska .....	395	1,349	2,681	1,472	1,688	1,933	992
Nevada .....	132	178	99	80	59	172	139
New Hampshire .....	306	17	8	16	-	-	-
New Jersey .....	467	52	93	38	26	15	2
New Mexico .....	2,589	421	372	317	136	181	180
New York .....	880	41	57	3	-	-	-
North Carolina .....	1,311	123	141	22	17	38	3
North Dakota .....	61	37	124	83	32	37	20
Ohio .....	669	51	63	25	6	8	1
Oklahoma .....	440	112	143	104	111	91	38
Oregon .....	4,332	946	1,372	589	467	337	167
Pennsylvania .....	1,693	129	54	8	-	-	-
Rhode Island .....	133	4	15	-	-	-	-
South Carolina .....	493	96	139	46	44	32	12
South Dakota .....	105	95	288	183	109	45	18
Tennessee .....	346	36	91	55	35	7	7
Texas .....	2,926	532	1,365	594	1,054	1,260	1,603
Utah .....	1,355	183	406	397	269	147	81
Vermont .....	301	19	1	7	-	-	-
Virginia .....	813	38	44	25	15	4	-
Washington .....	4,066	1,283	765	698	237	349	290
West Virginia .....	156	3	1	1	1	-	-
Wisconsin .....	882	142	242	161	110	89	53
Wyoming .....	787	387	580	285	148	110	70
<b>Water Resources Regions</b>							
Region 01 New England .....	2,044	81	94	63	17	13	-
Region 02 Mid-Atlantic .....	3,650	322	340	138	84	34	5
Region 03 South Atlantic-Gulf .....	7,257	1,579	1,512	823	458	483	192
Region 04 Great Lakes .....	2,986	408	422	281	193	146	47
Region 05 Ohio .....	1,523	157	257	92	70	38	4
Region 06 Tennessee .....	457	23	31	19	9	-	4
Region 07 Upper Mississippi .....	1,896	523	1,084	498	349	244	97
Region 08 Lower Mississippi .....	1,063	586	1,021	797	853	949	587
Region 09 Souris-Red-Rainy .....	97	39	80	86	36	32	7
Region 10 Missouri .....	2,823	2,253	4,499	2,596	2,601	2,692	1,477
Region 11 Arkansas-White-Red .....	1,363	734	698	726	780	813	685
Region 12 Texas-Gulf .....	2,393	519	1,295	438	726	1,003	1,262
Region 13 Rio Grande .....	2,798	531	364	244	152	288	199
Region 14 Upper Colorado .....	769	280	236	310	77	56	5
Region 15 Lower Colorado .....	1,204	196	191	146	169	91	190
Region 16 Great Basin .....	1,008	201	475	422	227	275	246
Region 17 Pacific Northwest .....	11,373	2,741	3,776	2,328	1,307	1,248	1,169
Region 18 California .....	6,226	2,259	6,870	3,426	1,404	2,110	2,132
Region 19 Alaska .....	120	1	1	1	-	-	-
Region 20 Hawaii .....	201	15	42	14	4	1	7

See footnote(s) at end of table.

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**Table 12. On-Farm Energy Expense for Pumping Irrigation Water by Water Source and Type of Energy: 2013 (continued)**

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

Geographic area	Natural gas								
	Farms	Pumps powered	Acres in the open by water source		Square feet under protection by water source		Expenses (\$1,000)	Expenses per acre <sup>2</sup> (dollars)	
			Water from wells	Surface water	Water from wells	Surface water		Water from wells	Surface water
United States .....	8,130	32,292	3,931,248	191,984	88,000	1,210,000	221,950	55.38	25.21
Alabama .....	6	6	110	70	-	(D)	4	(D)	25.00
Alaska .....	-	-	-	-	-	-	-	-	-
Arizona .....	103	222	22,620	(D)	-	-	3,302	169.41	-
Arkansas .....	238	1,052	90,061	22,760	-	-	2,209	24.97	5.25
California .....	578	810	25,564	22,740	-	-	2,819	106.91	166.67
Colorado .....	133	405	67,105	3,000	-	-	5,017	70.85	87.50
Connecticut .....	-	-	-	-	-	-	-	-	-
Delaware .....	-	-	-	-	-	-	-	-	-
Florida .....	21	56	2,512	(D)	-	-	242	82.26	-
Georgia .....	-	-	-	-	-	-	-	-	-
Hawaii .....	-	-	-	-	-	-	-	-	-
Idaho .....	21	21	500	1,460	-	-	137	-	51.67
Illinois .....	11	18	1,733	-	-	-	50	28.91	-
Indiana .....	24	34	3,827	-	-	-	167	43.68	-
Iowa .....	4	4	316	-	-	-	6	17.87	-
Kansas .....	2,172	9,900	1,470,896	(D)	28,000	(D)	85,100	57.87	-
Kentucky .....	5	10	-	75	-	-	3	-	33.33
Louisiana .....	61	105	10,245	5,011	-	-	618	43.58	38.86
Maine .....	-	-	-	-	-	-	-	-	-
Maryland .....	-	-	-	-	-	-	-	-	-
Massachusetts .....	-	-	-	-	-	-	-	-	-
Michigan .....	8	8	(D)	(D)	-	-	59	45.35	(D)
Minnesota .....	1	(D)	(D)	-	-	-	(D)	(D)	-
Mississippi .....	16	(D)	(D)	2,068	-	-	(D)	(D)	28.79
Missouri .....	11	18	2,223	12	-	-	17	7.28	30.00
Montana .....	91	95	-	5,961	-	-	133	-	22.27
Nebraska .....	2,419	8,609	958,094	55,201	-	-	36,380	32.99	30.00
Nevada .....	-	-	-	-	-	-	-	-	-
New Hampshire .....	-	-	-	-	-	-	-	-	-
New Jersey .....	-	-	-	-	-	-	-	-	-
New Mexico .....	217	713	60,832	11,943	-	-	2,853	39.89	58.28
New York .....	-	-	-	-	-	-	-	-	-
North Carolina .....	-	-	-	-	-	-	-	-	-
North Dakota .....	-	-	-	-	-	-	-	-	-
Ohio .....	2	(D)	(D)	-	-	-	(D)	(D)	-
Oklahoma .....	317	1,354	165,847	19,720	-	-	10,480	62.87	(D)
Oregon .....	126	126	480	-	-	-	13	14.25	-
Pennsylvania .....	34	34	-	90	60,000	930,000	5	-	14.31
Rhode Island .....	-	-	-	-	-	-	-	-	-
South Carolina .....	-	-	-	-	-	-	-	-	-
South Dakota .....	1	(D)	(D)	(D)	-	-	(D)	-	-
Tennessee .....	11	12	1,436	-	-	-	20	14.26	-
Texas .....	1,471	8,534	1,034,293	28,530	-	-	71,788	68.83	11.11
Utah .....	2	(D)	-	(D)	-	-	(D)	-	(D)
Vermont .....	-	-	-	-	-	-	-	-	-
Virginia .....	-	-	-	-	-	-	-	-	-
Washington .....	-	-	-	-	-	-	-	-	-
West Virginia .....	-	-	-	-	-	-	-	-	-
Wisconsin .....	1	(D)	(D)	-	-	-	(D)	(D)	-
Wyoming .....	25	27	1,120	4,098	-	-	94	9.38	20.33
<b>Water Resources Regions</b>									
Region 01 New England .....	-	-	-	-	-	-	-	-	-
Region 02 Mid-Atlantic .....	31	31	-	75	60,000	-	5	-	14.33
Region 03 South Atlantic-Gulf .....	38	73	2,622	2,538	-	(D)	306	80.61	28.73
Region 04 Great Lakes .....	18	27	2,927	(D)	-	-	126	39.95	(D)
Region 05 Ohio .....	16	25	1,400	90	-	-	106	73.88	30.14
Region 06 Tennessee .....	7	7	35	-	-	-	(Z)	14.20	-
Region 07 Upper Mississippi .....	23	31	3,212	-	-	-	118	36.58	-
Region 08 Lower Mississippi .....	250	922	95,460	16,749	-	-	2,599	26.33	26.56
Region 09 Souris-Red-Rainy .....	-	-	-	-	-	-	-	-	-
Region 10 Missouri .....	3,256	11,515	1,339,592	64,604	28,000	(D)	56,521	38.94	25.05
Region 11 Arkansas-White-Red .....	2,603	14,547	2,094,145	31,022	-	-	136,026	65.01	3.85
Region 12 Texas-Gulf .....	795	3,254	283,749	30,241	-	-	14,886	51.28	12.12
Region 13 Rio Grande .....	163	549	58,942	(D)	-	-	4,236	70.94	(D)
Region 14 Upper Colorado .....	17	47	-	11,268	-	-	732	-	65.00
Region 15 Lower Colorado .....	103	222	22,620	(D)	-	-	3,302	169.41	-
Region 16 Great Basin .....	7	7	500	3,500	-	-	99	-	(D)
Region 17 Pacific Northwest .....	219	219	480	1,873	-	-	61	14.25	29.05
Region 18 California .....	584	816	25,564	22,740	-	930,000	2,825	106.91	166.67
Region 19 Alaska .....	-	-	-	-	-	-	-	-	-
Region 20 Hawaii .....	-	-	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 12. On-Farm Energy Expense for Pumping Irrigation Water by Water Source and Type of Energy: 2013 (continued)**

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

Geographic area	Natural gas - con.						
	Farms with energy expenses of -						
	\$1 to \$999	\$1,000 to \$1,999	\$2,000 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$19,999	\$20,000 to \$49,999	\$50,000 or more
United States .....	951	508	1,178	1,302	1,285	1,793	1,113
Alabama .....	4	2	-	-	-	-	-
Alaska .....	-	-	-	-	-	-	-
Arizona .....	9	12	-	21	15	29	17
Arkansas .....	10	27	95	51	24	28	3
California .....	461	-	-	81	-	29	7
Colorado .....	-	-	-	20	25	21	67
Connecticut .....	-	-	-	-	-	-	-
Delaware .....	-	-	-	-	-	-	-
Florida .....	-	-	8	-	11	2	-
Georgia .....	-	-	-	-	-	-	-
Hawaii .....	-	-	-	-	-	-	-
Idaho .....	-	-	16	-	5	-	-
Illinois .....	-	1	7	2	1	-	-
Indiana .....	8	-	9	-	4	3	-
Iowa .....	2	-	2	-	-	-	-
Kansas .....	19	81	69	364	361	801	477
Kentucky .....	5	-	-	-	-	-	-
Louisiana .....	23	-	7	6	15	10	-
Maine .....	-	-	-	-	-	-	-
Maryland .....	-	-	-	-	-	-	-
Massachusetts .....	-	-	-	-	-	-	-
Michigan .....	-	-	2	6	-	-	-
Minnesota .....	-	-	-	1	-	-	-
Mississippi .....	3	-	-	12	-	-	1
Missouri .....	6	-	5	-	-	-	-
Montana .....	83	-	4	-	-	4	-
Nebraska .....	21	305	616	358	481	534	104
Nevada .....	-	-	-	-	-	-	-
New Hampshire .....	-	-	-	-	-	-	-
New Jersey .....	-	-	-	-	-	-	-
New Mexico .....	68	4	33	30	32	42	8
New York .....	-	-	-	-	-	-	-
North Carolina .....	-	-	-	-	-	-	-
North Dakota .....	-	-	-	-	-	-	-
Ohio .....	-	-	-	-	-	2	-
Oklahoma .....	3	37	57	45	59	61	55
Oregon .....	120	6	-	-	-	-	-
Pennsylvania .....	34	-	-	-	-	-	-
Rhode Island .....	-	-	-	-	-	-	-
South Carolina .....	-	-	-	-	-	-	-
South Dakota .....	-	-	-	-	-	1	-
Tennessee .....	7	-	1	3	-	-	-
Texas .....	64	26	231	300	250	226	374
Utah .....	-	-	-	2	-	-	-
Vermont .....	-	-	-	-	-	-	-
Virginia .....	-	-	-	-	-	-	-
Washington .....	-	-	-	-	-	-	-
West Virginia .....	-	-	-	-	-	-	-
Wisconsin .....	1	-	-	-	-	-	-
Wyoming .....	-	7	16	-	2	-	-
<b>Water Resources Regions</b>							
Region 01 New England .....	-	-	-	-	-	-	-
Region 02 Mid-Atlantic .....	31	-	-	-	-	-	-
Region 03 South Atlantic-Gulf .....	4	2	8	11	11	2	-
Region 04 Great Lakes .....	2	-	8	6	-	2	-
Region 05 Ohio .....	10	-	2	-	2	2	-
Region 06 Tennessee .....	7	-	-	-	-	-	-
Region 07 Upper Mississippi .....	7	1	8	3	3	1	-
Region 08 Lower Mississippi .....	36	10	81	55	33	31	4
Region 09 Souris-Red-Rainy .....	-	-	-	-	-	-	-
Region 10 Missouri .....	27	358	643	519	684	839	186
Region 11 Arkansas-White-Red .....	46	112	275	356	323	702	789
Region 12 Texas-Gulf .....	40	4	104	227	194	136	90
Region 13 Rio Grande .....	68	3	33	18	13	14	14
Region 14 Upper Colorado .....	-	-	-	3	2	6	6
Region 15 Lower Colorado .....	9	12	-	21	15	29	17
Region 16 Great Basin .....	-	-	-	2	5	-	-
Region 17 Pacific Northwest .....	203	-	16	-	-	-	-
Region 18 California .....	461	6	-	81	-	29	7
Region 19 Alaska .....	-	-	-	-	-	-	-
Region 20 Hawaii .....	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 12. On-Farm Energy Expense for Pumping Irrigation Water by Water Source and Type of Energy: 2013 (continued)**

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

Geographic area	LP gas, propane, and butane								
	Farms	Pumps powered	Acres in the open by water source		Square feet under protection by water source		Expenses (\$1,000)	Expenses per acre <sup>2</sup> (dollars)	
			Water from wells	Surface water	Water from wells	Surface water		Water from wells	Surface water
United States .....	6,204	13,444	937,556	178,251	1,075,200	404,100	38,206	36.91	35.21
Alabama .....	-	-	-	-	-	-	-	-	-
Alaska .....	-	-	-	-	-	-	-	-	-
Arizona .....	24	48	(D)	(D)	-	-	59	57.14	-
Arkansas .....	216	483	44,933	6,986	-	-	1,274	25.55	28.22
California .....	498	1,105	26,508	22,006	-	-	1,205	59.70	75.08
Colorado .....	36	45	(D)	4,750	-	-	146	68.35	2.61
Connecticut .....	12	14	-	187	-	-	5	-	25.24
Delaware .....	4	10	824	-	-	-	3	3.48	-
Florida .....	45	51	1,575	40	594,000	-	58	20.32	-
Georgia .....	49	74	1,541	1,969	-	-	120	31.25	47.58
Hawaii .....	-	-	-	-	-	-	-	-	-
Idaho .....	8	8	-	120	-	-	2	-	19.27
Illinois .....	72	191	10,139	757	-	-	279	24.99	33.40
Indiana .....	42	95	13,162	377	-	-	531	38.88	(D)
Iowa .....	20	20	795	228	-	-	34	30.33	43.42
Kansas .....	514	861	74,922	2,886	-	-	2,856	37.03	27.51
Kentucky .....	6	6	-	12	-	-	(Z)	-	19.50
Louisiana .....	29	54	(D)	2,635	-	-	166	13.91	30.00
Maine .....	-	-	-	-	-	-	-	-	-
Maryland .....	1	(D)	-	(D)	-	-	(D)	-	(D)
Massachusetts .....	252	663	504	4,749	-	128,000	702	121.90	136.37
Michigan .....	51	141	16,766	1,400	-	-	603	34.50	25.00
Minnesota .....	-	-	-	-	-	-	-	-	-
Mississippi .....	149	578	78,294	3,542	-	-	2,039	23.08	43.53
Missouri .....	371	2,019	169,316	4,312	-	-	3,185	18.44	14.74
Montana .....	8	8	-	2,260	-	-	42	-	18.41
Nebraska .....	3,305	6,311	461,872	82,080	-	-	22,542	49.72	21.45
Nevada .....	-	-	-	-	-	-	-	-	-
New Hampshire .....	8	8	56	928	200,000	200,000	24	-	-
New Jersey .....	8	21	-	1,290	-	-	14	-	10.57
New Mexico .....	105	114	5,507	301	-	-	407	73.61	15.32
New York .....	-	-	-	-	-	-	-	-	-
North Carolina .....	20	20	-	764	-	-	32	-	42.05
North Dakota .....	6	6	(D)	270	-	-	15	(D)	35.19
Ohio .....	5	(D)	-	553	-	-	(D)	-	33.91
Oklahoma .....	49	50	3,445	919	-	-	193	55.18	(D)
Oregon .....	5	8	-	1,219	(D)	-	21	-	20.50
Pennsylvania .....	21	29	132	289	(D)	-	14	(D)	33.43
Rhode Island .....	27	31	-	577	-	76,100	33	-	80.00
South Carolina .....	2	(D)	-	(D)	-	-	(D)	-	(D)
South Dakota .....	10	(D)	(D)	(D)	-	-	(D)	24.00	13.90
Tennessee .....	15	41	2,888	550	50,000	-	109	24.64	(D)
Texas .....	95	124	2,770	7,480	-	-	201	28.23	16.42
Utah .....	-	-	-	-	-	-	-	-	-
Vermont .....	-	-	-	-	-	-	-	-	-
Virginia .....	2	(D)	-	(D)	-	-	(D)	-	(D)
Washington .....	45	85	1,291	2,711	-	-	517	113.16	128.51
West Virginia .....	-	-	-	-	-	-	-	-	-
Wisconsin .....	20	(D)	(D)	1,184	-	-	208	48.33	139.56
Wyoming .....	49	65	840	15,472	-	-	509	-	42.19
<b>Water Resources Regions</b>									
Region 01 New England .....	299	716	560	6,441	200,000	404,100	763	121.90	131.75
Region 02 Mid-Atlantic .....	34	61	956	1,593	31,200	-	30	6.23	14.34
Region 03 South Atlantic-Gulf .....	116	147	3,116	2,793	594,000	-	229	26.37	55.56
Region 04 Great Lakes .....	64	170	18,126	(D)	-	-	780	41.02	26.71
Region 05 Ohio .....	61	145	15,184	476	(D)	-	421	26.93	(D)
Region 06 Tennessee .....	3	8	-	(D)	-	-	(D)	-	(D)
Region 07 Upper Mississippi .....	103	282	16,996	1,924	-	-	618	24.60	101.57
Region 08 Lower Mississippi .....	641	2,842	281,031	12,577	-	-	6,131	20.34	27.05
Region 09 Souris-Red-Rainy .....	-	-	-	-	-	-	-	-	-
Region 10 Missouri .....	3,692	6,947	499,939	104,566	-	-	24,863	49.31	25.99
Region 11 Arkansas-White-Red .....	401	615	55,429	9,839	-	-	1,817	30.59	12.43
Region 12 Texas-Gulf .....	98	127	2,740	7,480	-	-	223	36.47	16.42
Region 13 Rio Grande .....	108	117	6,275	(D)	-	-	469	75.14	-
Region 14 Upper Colorado .....	4	13	(D)	(D)	-	-	(D)	-	15.32
Region 15 Lower Colorado .....	24	48	(D)	(D)	-	-	59	57.14	-
Region 16 Great Basin .....	-	-	-	-	-	-	-	-	-
Region 17 Pacific Northwest .....	57	97	1,291	3,817	(D)	-	538	113.16	106.81
Region 18 California .....	499	1,109	26,508	22,239	-	-	1,207	59.70	69.23
Region 19 Alaska .....	-	-	-	-	-	-	-	-	-
Region 20 Hawaii .....	-	-	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 12. On-Farm Energy Expense for Pumping Irrigation Water by Water Source and Type of Energy: 2013 (continued)**

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

Geographic area	LP gas, propane, and butane - con.							
	Farms with energy expenses of -							
	\$1 to \$999	\$1,000 to \$1,999	\$2,000 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$19,999	\$20,000 to \$49,999	\$50,000 or more	
United States .....	1,630	943	1,578	861	777	337	78	
Alabama .....	-	-	-	-	-	-	-	
Alaska .....	-	-	-	-	-	-	-	
Arizona .....	-	-	23	-	1	-	-	
Arkansas .....	14	78	34	57	16	16	1	
California .....	461	-	17	5	1	9	5	
Colorado .....	20	4	-	-	11	1	-	
Connecticut .....	9	3	-	-	-	-	-	
Delaware .....	2	2	-	-	-	-	-	
Florida .....	29	-	15	-	1	-	-	
Georgia .....	22	14	5	8	-	-	-	
Hawaii .....	-	-	-	-	-	-	-	
Idaho .....	8	-	-	-	-	-	-	
Illinois .....	11	10	32	19	-	-	-	
Indiana .....	3	13	9	5	6	2	4	
Iowa .....	4	10	6	-	-	-	-	
Kansas .....	163	110	65	87	46	43	-	
Kentucky .....	6	-	-	-	-	-	-	
Louisiana .....	-	3	17	1	8	-	-	
Maine .....	-	-	-	-	-	-	-	
Maryland .....	-	1	-	-	-	-	-	
Massachusetts .....	152	27	35	12	25	-	1	
Michigan .....	4	7	11	22	5	-	2	
Minnesota .....	-	-	-	-	-	-	-	
Mississippi .....	1	10	38	37	40	10	13	
Missouri .....	33	60	104	84	31	57	2	
Montana .....	-	-	4	4	-	-	-	
Nebraska .....	527	553	963	496	536	186	44	
Nevada .....	-	-	-	-	-	-	-	
New Hampshire .....	-	-	8	-	-	-	-	
New Jersey .....	6	-	-	2	-	-	-	
New Mexico .....	43	5	32	8	17	-	-	
New York .....	-	-	-	-	-	-	-	
North Carolina .....	7	-	13	-	-	-	-	
North Dakota .....	-	5	-	1	-	-	-	
Ohio .....	2	-	-	3	-	-	-	
Oklahoma .....	-	11	31	4	3	-	-	
Oregon .....	-	-	3	2	-	-	-	
Pennsylvania .....	12	7	2	-	-	-	-	
Rhode Island .....	15	-	12	-	-	-	-	
South Carolina .....	-	-	-	2	-	-	-	
South Dakota .....	-	5	5	-	-	-	-	
Tennessee .....	5	2	3	2	1	2	-	
Texas .....	48	-	46	-	-	-	1	
Utah .....	-	-	-	-	-	-	-	
Vermont .....	-	-	-	-	-	-	-	
Virginia .....	2	-	-	-	-	-	-	
Washington .....	-	-	37	-	-	6	2	
West Virginia .....	-	-	-	-	-	-	-	
Wisconsin .....	7	3	3	-	2	5	-	
Wyoming .....	14	-	5	-	27	-	3	
<b>Water Resources Regions</b>								
Region 01 New England .....	176	30	55	12	25	-	1	
Region 02 Mid-Atlantic .....	22	8	2	2	-	-	-	
Region 03 South Atlantic-Gulf .....	58	14	33	10	1	-	-	
Region 04 Great Lakes .....	9	7	13	25	6	-	4	
Region 05 Ohio .....	16	10	21	8	2	2	2	
Region 06 Tennessee .....	-	2	-	-	-	1	-	
Region 07 Upper Mississippi .....	15	26	24	21	9	8	-	
Region 08 Lower Mississippi .....	39	81	175	166	89	75	16	
Region 09 Souris-Red-Rainy .....	-	-	-	-	-	-	-	
Region 10 Missouri .....	642	617	1,049	545	569	223	47	
Region 11 Arkansas-White-Red .....	93	139	54	57	46	12	-	
Region 12 Texas-Gulf .....	48	-	46	3	-	-	1	
Region 13 Rio Grande .....	43	6	26	5	28	-	-	
Region 14 Upper Colorado .....	-	3	-	-	-	1	-	
Region 15 Lower Colorado .....	-	-	23	-	1	-	-	
Region 16 Great Basin .....	-	-	-	-	-	-	-	
Region 17 Pacific Northwest .....	8	-	39	2	-	6	2	
Region 18 California .....	461	-	18	5	1	9	5	
Region 19 Alaska .....	-	-	-	-	-	-	-	
Region 20 Hawaii .....	-	-	-	-	-	-	-	

See footnote(s) at end of table.

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**Table 12. On-Farm Energy Expense for Pumping Irrigation Water by Water Source and Type of Energy: 2013 (continued)**

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

Geographic area	Diesel and biodiesel fuel									
	Farms	Pumps powered	Acres in the open by water source		Square feet under protection by water source		Expenses (\$1,000)	Expenses per acre <sup>2</sup> (dollars)		
			Water from wells	Surface water	Water from wells	Surface water		Water from wells	Surface water	
United States .....	33,196	122,704	10,079,483	3,267,971	239,411,251	86,463,751	554,003	45.61	31.45	
Alabama .....	180	423	26,057	29,607	(D)	(D)	2,874	40.63	63.94	
Alaska .....	8	12	(D)	(D)	2,560	-	(D)	(D)	(D)	
Arizona .....	94	275	19,939	41,062	-	-	2,259	53.32	41.63	
Arkansas .....	2,871	26,781	2,529,855	418,649	-	-	88,679	32.15	25.54	
California .....	3,538	10,416	538,641	811,217	(D)	752,720	82,707	120.68	36.13	
Colorado .....	400	825	28,452	86,118	-	-	3,568	72.88	17.35	
Connecticut .....	32	58	(D)	1,505	-	-	44	-	17.03	
Delaware .....	187	712	57,749	5,188	(D)	-	2,252	36.91	41.04	
Florida .....	2,468	12,113	487,859	543,813	193,031,972	(D)	45,826	69.19	19.85	
Georgia .....	1,028	3,320	273,060	100,615	213,453	21,000	12,911	36.19	25.52	
Hawaii .....	6	13	2,576	5,350	-	-	(D)	(D)	(D)	
Idaho .....	227	359	18,851	46,802	-	-	3,454	83.21	58.86	
Illinois .....	609	1,524	185,509	6,047	6,252,554	(D)	5,535	28.44	41.34	
Indiana .....	617	1,526	149,787	30,980	111,480	540,000	4,475	26.00	25.55	
Iowa .....	228	482	47,342	4,150	(D)	9,600	1,560	31.35	25.35	
Kansas .....	1,683	4,560	480,501	33,174	-	-	20,258	42.73	26.97	
Kentucky .....	116	251	16,001	10,621	-	(D)	445	(D)	16.94	
Louisiana .....	1,047	4,954	495,564	134,914	72,000	-	20,282	32.11	29.46	
Maine .....	94	196	10,374	9,881	-	80,000	557	(D)	22.27	
Maryland .....	279	791	49,584	17,997	(D)	-	2,421	25.07	36.66	
Massachusetts .....	312	682	1,240	13,830	21,000	1,092,000	1,076	100.33	76.67	
Michigan .....	957	2,957	144,908	69,601	(D)	63,500	7,961	35.30	43.91	
Minnesota .....	479	851	63,860	19,230	-	-	3,227	39.79	30.07	
Mississippi .....	1,056	8,330	999,993	46,715	-	-	37,744	36.46	32.79	
Missouri .....	916	5,476	558,005	25,909	(D)	-	13,127	22.23	21.04	
Montana .....	332	475	1,000	88,595	-	-	1,722	16.00	19.25	
Nebraska .....	7,405	21,893	2,260,941	141,977	-	-	135,969	58.00	49.67	
Nevada .....	39	113	27,760	25,870	-	-	2,851	118.33	(D)	
New Hampshire .....	41	54	(D)	475	-	-	19	(D)	25.73	
New Jersey .....	425	1,321	37,900	20,508	3,492,294	440,044	2,829	52.25	48.80	
New Mexico .....	280	529	30,038	13,960	-	-	3,945	149.25	55.38	
New York .....	356	755	20,072	16,543	(D)	1,332,500	1,439	51.82	19.97	
North Carolina .....	410	889	5,322	44,053	-	42,000	1,386	(D)	30.83	
North Dakota .....	105	224	(D)	14,593	-	-	1,049	43.89	22.66	
Ohio .....	174	330	4,650	11,946	(D)	108,940	676	58.06	34.08	
Oklahoma .....	194	394	36,637	12,597	-	-	1,913	35.83	30.25	
Oregon .....	208	393	19,854	33,980	(D)	3	1,488	20.38	24.49	
Pennsylvania .....	353	467	1,279	6,831	154,400	34,800	288	58.31	35.83	
Rhode Island .....	17	28	-	1,283	-	12,204	53	-	41.14	
South Carolina .....	82	246	28,312	14,817	(D)	17,000	959	22.58	22.85	
South Dakota .....	191	320	31,097	18,124	-	-	1,507	27.09	38.00	
Tennessee .....	204	537	66,072	10,752	-	2,613,600	2,052	24.54	39.97	
Texas .....	1,237	2,468	209,232	89,726	26,136,000	-	18,535	65.67	64.86	
Utah .....	459	631	15,344	42,766	-	-	1,110	24.35	17.22	
Vermont .....	37	57	-	508	-	-	10	-	18.79	
Virginia .....	137	305	(D)	25,043	-	97,020	1,250	21.25	48.15	
Washington .....	177	489	7,077	52,332	22,400	-	2,496	71.19	37.35	
West Virginia .....	6	9	-	(D)	-	-	4	-	25.00	
Wisconsin .....	677	1,609	58,563	30,957	-	-	6,019	41.56	128.20	
Wyoming .....	218	281	13,455	36,544	-	-	586	9.72	12.18	
<b>Water Resources Regions</b>										
Region 01 New England .....	505	1,047	12,430	27,148	(D)	1,184,204	1,751	39.45	55.66	
Region 02 Mid-Atlantic .....	1,587	4,065	161,827	80,223	4,742,904	(D)	9,832	39.95	37.43	
Region 03 South Atlantic-Gulf .....	4,175	16,934	814,377	727,434	(D)	75,750,140	63,697	55.12	23.36	
Region 04 Great Lakes .....	1,401	3,762	186,308	91,998	(D)	1,396,000	9,854	33.47	39.76	
Region 05 Ohio .....	683	1,520	126,804	27,138	(D)	2,736,540	4,155	26.79	29.96	
Region 06 Tennessee .....	157	(D)	(D)	28,592	9	(D)	1,290	(D)	32.20	
Region 07 Upper Mississippi .....	1,832	4,242	326,843	74,999	(D)	3,554,900	15,307	32.73	72.44	
Region 08 Lower Mississippi .....	5,081	39,290	4,150,189	495,434	72,000	-	139,206	29.95	32.79	
Region 09 Souris-Red-Rainy .....	82	(D)	(D)	9,901	-	-	(D)	39.04	25.65	
Region 10 Missouri .....	9,465	26,222	2,590,073	371,751	(D)	-	154,262	56.03	23.23	
Region 11 Arkansas-White-Red .....	1,777	9,014	809,476	125,106	-	-	34,567	43.28	14.32	
Region 12 Texas-Gulf .....	1,144	2,237	186,454	84,377	26,136,000	-	16,921	65.93	70.59	
Region 13 Rio Grande .....	325	603	36,758	(D)	-	-	4,353	127.46	39.13	
Region 14 Upper Colorado .....	269	541	4,684	50,210	-	-	1,063	14.50	19.82	
Region 15 Lower Colorado .....	126	307	19,939	44,782	-	-	2,303	53.32	38.88	
Region 16 Great Basin .....	438	730	36,331	65,988	-	-	3,856	77.08	16.40	
Region 17 Pacific Northwest .....	578	1,123	44,280	117,395	(D)	3	6,741	60.10	45.49	
Region 18 California .....	3,557	10,471	544,061	823,309	(D)	752,720	83,382	119.39	35.86	
Region 19 Alaska .....	8	12	(D)	(D)	2,560	-	(D)	(D)	(D)	
Region 20 Hawaii .....	6	13	2,576	5,350	-	-	(D)	(D)	(D)	

See footnote(s) at end of table.

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**Table 12. On-Farm Energy Expense for Pumping Irrigation Water by Water Source and Type of Energy: 2013 (continued)**

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

Geographic area	Diesel and biodiesel fuel - con.						
	Farms with energy expenses of -						
	\$1 to \$999	\$1,000 to \$1,999	\$2,000 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$19,999	\$20,000 to \$49,999	\$50,000 or more
United States .....	6,190	2,925	6,428	5,067	5,359	4,515	2,712
Alabama .....	27	16	50	26	17	29	15
Alaska .....	2	5	-	-	1	-	-
Arizona .....	27	-	34	1	10	13	9
Arkansas .....	213	122	356	431	451	756	542
California .....	810	230	764	628	310	294	502
Colorado .....	11	144	152	19	15	58	1
Connecticut .....	26	2	2	-	2	-	-
Delaware .....	34	15	58	21	24	24	11
Florida .....	653	225	446	344	348	277	175
Georgia .....	173	112	264	192	137	106	44
Hawaii .....	-	-	2	-	2	-	2
Idaho .....	4	17	56	-	72	62	16
Illinois .....	68	38	177	147	107	59	13
Indiana .....	126	64	173	122	74	51	7
Iowa .....	20	38	73	46	34	17	-
Kansas .....	373	181	421	211	119	296	82
Kentucky .....	34	27	35	14	1	4	1
Louisiana .....	120	38	187	156	253	185	108
Maine .....	35	47	3	2	3	2	2
Maryland .....	62	21	93	36	43	18	6
Massachusetts .....	171	52	54	9	7	18	1
Michigan .....	281	200	158	104	124	59	31
Minnesota .....	51	46	184	121	59	15	3
Mississippi .....	38	75	110	152	199	273	209
Missouri .....	84	123	190	190	158	129	42
Montana .....	40	127	80	31	19	35	-
Nebraska .....	776	173	1,058	1,219	2,279	1,176	724
Nevada .....	-	-	-	9	6	3	21
New Hampshire .....	40	-	-	1	-	-	-
New Jersey .....	151	62	87	61	33	25	6
New Mexico .....	62	44	35	77	31	19	12
New York .....	140	86	67	27	19	13	4
North Carolina .....	190	70	65	47	31	6	1
North Dakota .....	5	5	38	25	18	11	3
Ohio .....	102	17	25	18	3	6	3
Oklahoma .....	33	11	52	31	42	22	3
Oregon .....	36	89	33	12	25	8	5
Pennsylvania .....	292	30	19	9	2	1	-
Rhode Island .....	6	5	1	5	-	-	-
South Carolina .....	16	22	13	9	12	4	6
South Dakota .....	2	22	78	41	33	13	2
Tennessee .....	51	18	47	35	33	11	9
Texas .....	180	60	322	193	106	320	56
Utah .....	220	61	120	38	16	4	-
Vermont .....	36	1	-	-	-	-	-
Virginia .....	44	21	29	17	9	11	6
Washington .....	41	6	50	56	8	3	13
West Virginia .....	3	3	-	-	-	-	-
Wisconsin .....	185	95	137	110	59	75	16
Wyoming .....	96	59	30	24	5	4	-
<b>Water Resources Regions</b>							
Region 01 New England .....	286	107	60	17	12	20	3
Region 02 Mid-Atlantic .....	622	225	341	156	124	89	30
Region 03 South Atlantic-Gulf .....	1,070	447	835	625	548	411	239
Region 04 Great Lakes .....	481	294	210	160	142	78	36
Region 05 Ohio .....	207	63	184	130	49	41	9
Region 06 Tennessee .....	49	17	30	29	13	12	7
Region 07 Upper Mississippi .....	311	149	541	378	266	159	28
Region 08 Lower Mississippi .....	317	317	697	787	941	1,229	793
Region 09 Souris-Red-Rainy .....	6	3	39	12	14	4	4
Region 10 Missouri .....	1,080	548	1,643	1,539	2,427	1,471	757
Region 11 Arkansas-White-Red .....	314	191	382	215	237	260	178
Region 12 Texas-Gulf .....	186	60	264	185	81	320	48
Region 13 Rio Grande .....	44	44	69	82	55	19	12
Region 14 Upper Colorado .....	85	72	83	15	-	14	-
Region 15 Lower Colorado .....	39	20	34	1	10	13	9
Region 16 Great Basin .....	200	21	112	40	38	8	19
Region 17 Pacific Northwest .....	81	112	138	64	77	72	34
Region 18 California .....	810	230	764	632	322	295	504
Region 19 Alaska .....	2	5	-	-	1	-	-
Region 20 Hawaii .....	-	-	2	-	2	-	2

See footnote(s) at end of table.

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**Table 12. On-Farm Energy Expense for Pumping Irrigation Water by Water Source and Type of Energy: 2013 (continued)**

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

Geographic area	Gasoline, ethanol, and blends									
	Farms	Pumps powered	Acres in the open by water source		Square feet under protection by water source		Expenses (\$1,000)	Expenses per acre <sup>2</sup> (dollars)		
			Water from wells	Surface water	Water from wells	Surface water		Water from wells	Surface water	
United States .....	4,773	7,221	92,513	38,533	3,201,529	7,855,812	6,265	48.29	47.04	
Alabama .....	14	28	-	373	-	-	22	-	57.91	
Alaska .....	13	13	10	(D)	-	-	4	(D)	122.00	
Arizona .....	141	261	(D)	3,774	-	-	152	25.00	50.00	
Arkansas .....	125	404	40,146	2,577	-	-	1,829	42.57	14.64	
California .....	24	24	16	16	-	-	4	137.50	115.00	
Colorado .....	202	211	(D)	2,958	-	4,200	308	(D)	93.58	
Connecticut .....	66	82	(D)	360	-	7	57	16.00	124.35	
Delaware .....	16	23	1,411	(D)	-	-	26	12.35	-	
Florida .....	181	353	2,528	(D)	-	(D)	137	49.67	170.00	
Georgia .....	86	122	99	43	-	-	19	83.64	250.23	
Hawaii .....	20	36	-	42	-	928,870	(D)	-	(D)	
Idaho .....	46	83	-	776	-	-	48	-	61.57	
Illinois .....	82	143	2,734	106	-	(D)	51	16.28	29.79	
Indiana .....	117	154	158	128	(D)	56,880	12	53.69	20.27	
Iowa .....	85	100	345	274	(D)	77,500	30	28.24	69.09	
Kansas .....	162	258	1,779	(D)	-	(D)	16	(D)	35.00	
Kentucky .....	155	232	140	865	-	(D)	57	10.00	49.44	
Louisiana .....	18	34	(D)	910	-	-	53	-	59.09	
Maine .....	94	115	40	278	(D)	80,000	11	77.00	22.96	
Maryland .....	103	(D)	431	(D)	(D)	84,012	(D)	(D)	83.39	
Massachusetts .....	152	198	178	833	-	30,000	32	26.66	38.09	
Michigan .....	197	326	(D)	(D)	(D)	1,089,000	120	32.04	31.43	
Minnesota .....	13	(D)	(D)	30	-	30,000	(D)	11.79	(D)	
Mississippi .....	2	(D)	(D)	-	-	-	(D)	(D)	-	
Missouri .....	254	361	7,091	2,244	(D)	207,000	162	16.70	12.46	
Montana .....	97	97	-	5,032	-	11,000	58	-	11.47	
Nebraska .....	143	174	8,888	24	-	-	1,176	132.09	81.67	
Nevada .....	-	-	-	-	-	-	-	-	-	
New Hampshire .....	83	162	(D)	576	(D)	63,008	49	24.78	21.27	
New Jersey .....	79	121	747	298	(D)	340,000	85	81.80	47.12	
New Mexico .....	97	317	6,996	988	-	45,000	205	23.33	32.00	
New York .....	253	330	456	2,203	(D)	384,065	162	25.86	64.21	
North Carolina .....	81	115	14	264	(D)	-	37	80.00	128.26	
North Dakota .....	-	-	-	-	-	-	-	-	-	
Ohio .....	156	211	(D)	1,343	(D)	99,770	101	65.94	53.73	
Oklahoma .....	61	97	120	533	-	-	80	75.00	133.06	
Oregon .....	-	-	-	-	-	-	-	-	-	
Pennsylvania .....	460	628	722	1,673	(D)	178,740	175	139.09	57.02	
Rhode Island .....	26	26	22	-	8,000	-	3	91.50	-	
South Carolina .....	32	(D)	28	(D)	(D)	-	(D)	72.50	20.00	
South Dakota .....	-	-	-	-	-	-	-	-	-	
Tennessee .....	77	122	31	954	(D)	20,800	40	122.00	38.70	
Texas .....	209	209	2,898	228	-	801,800	117	33.42	60.65	
Utah .....	93	(D)	1,185	(D)	-	-	(D)	34.48	-	
Vermont .....	61	73	20	710	59,008	-	32	24.50	47.21	
Virginia .....	142	(D)	(D)	(D)	(D)	579,780	(D)	101.59	50.97	
Washington .....	22	26	725	314	-	-	181	143.00	72.44	
West Virginia .....	25	32	38	154	-	24,000	(D)	39.47	87.87	
Wisconsin .....	139	174	329	125	(D)	-	(D)	66.55	174.38	
Wyoming .....	69	151	36	1,913	-	-	68	25.33	35.01	
<b>Water Resources Regions</b>										
Region 01 New England .....	424	586	784	2,050	(D)	173,015	152	31.54	49.83	
Region 02 Mid-Atlantic .....	751	1,090	4,183	4,199	(D)	(D)	496	68.51	61.95	
Region 03 South Atlantic-Gulf .....	388	651	2,669	1,162	(D)	(D)	220	51.30	57.91	
Region 04 Great Lakes .....	577	819	3,538	3,180	(D)	1,568,915	281	33.72	44.66	
Region 05 Ohio .....	471	653	2,544	2,420	(D)	835,380	203	21.19	53.91	
Region 06 Tennessee .....	91	(D)	(D)	1,047	(D)	(D)	(D)	122.00	57.15	
Region 07 Upper Mississippi .....	301	384	1,196	592	(D)	159,800	81	(D)	61.59	
Region 08 Lower Mississippi .....	77	449	46,637	2,013	-	10,800	2,154	43.91	(D)	
Region 09 Souris-Red-Rainy .....	1	(D)	(D)	-	-	-	(D)	(D)	-	
Region 10 Missouri .....	631	832	11,626	9,029	(D)	(D)	1,581	105.28	38.45	
Region 11 Arkansas-White-Red .....	255	308	4,717	2,856	-	768,000	200	10.42	52.65	
Region 12 Texas-Gulf .....	197	197	2,498	129	-	33,800	99	33.43	80.00	
Region 13 Rio Grande .....	53	53	-	988	-	45,000	42	-	32.00	
Region 14 Upper Colorado .....	80	306	(D)	(D)	-	4,200	(D)	23.34	75.00	
Region 15 Lower Colorado .....	117	237	(D)	3,774	-	-	151	-	50.00	
Region 16 Great Basin .....	93	130	1,185	1,400	-	-	43	34.48	-	
Region 17 Pacific Northwest .....	209	303	725	3,598	-	-	307	143.00	40.75	
Region 18 California .....	24	24	16	16	-	-	4	137.50	115.00	
Region 19 Alaska .....	13	13	10	10	-	-	4	(D)	122.00	
Region 20 Hawaii .....	20	36	-	42	-	928,870	(D)	-	(D)	

See footnote(s) at end of table.

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**Table 12. On-Farm Energy Expense for Pumping Irrigation Water by Water Source and Type of Energy: 2013 (continued)**

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

Geographic area	Gasoline, ethanol, and blends - con.						
	Farms with energy expenses of -						
	\$1 to \$999	\$1,000 to \$1,999	\$2,000 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$19,999	\$20,000 to \$49,999	\$50,000 or more
United States .....	3,826	590	217	34	28	65	13
Alabama .....	8	-	6	-	-	-	-
Alaska .....	13	-	-	-	-	-	-
Arizona .....	138	-	-	-	-	3	-
Arkansas .....	76	-	9	9	6	17	8
California .....	24	-	-	-	-	-	-
Colorado .....	18	183	-	-	-	1	-
Connecticut .....	49	2	15	-	-	-	-
Delaware .....	8	6	-	2	-	-	-
Florida .....	132	26	23	-	-	-	-
Georgia .....	79	7	-	-	-	-	-
Hawaii .....	10	4	6	-	-	-	-
Idaho .....	9	37	-	-	-	-	-
Illinois .....	75	-	5	-	2	-	-
Indiana .....	117	-	-	-	-	-	-
Iowa .....	78	5	2	-	-	-	-
Kansas .....	162	-	-	-	-	-	-
Kentucky .....	145	5	5	-	-	-	-
Louisiana .....	10	-	-	8	-	-	-
Maine .....	94	-	-	-	-	-	-
Maryland .....	92	8	-	3	-	-	-
Massachusetts .....	138	14	-	-	-	-	-
Michigan .....	147	48	-	-	2	-	-
Minnesota .....	13	-	-	-	-	-	-
Mississippi .....	-	-	-	-	-	-	2
Missouri .....	238	5	1	3	7	-	-
Montana .....	97	-	-	-	-	-	-
Nebraska .....	100	-	-	-	1	42	-
Nevada .....	-	-	-	-	-	-	-
New Hampshire .....	72	2	9	-	-	-	-
New Jersey .....	52	5	18	4	-	-	-
New Mexico .....	44	9	44	-	-	-	-
New York .....	188	42	19	-	4	-	-
North Carolina .....	67	7	7	-	-	-	-
North Dakota .....	-	-	-	-	-	-	-
Ohio .....	123	18	13	2	-	-	-
Oklahoma .....	59	-	-	-	-	2	-
Oregon .....	-	-	-	-	-	-	-
Pennsylvania .....	390	65	5	-	-	-	-
Rhode Island .....	26	-	-	-	-	-	-
South Carolina .....	19	13	-	-	-	-	-
South Dakota .....	-	-	-	-	-	-	-
Tennessee .....	72	-	4	-	1	-	-
Texas .....	198	10	-	-	1	-	-
Utah .....	56	37	-	-	-	-	-
Vermont .....	48	13	-	-	-	-	-
Virginia .....	123	7	8	-	4	-	-
Washington .....	16	-	-	3	-	-	3
West Virginia .....	13	7	5	-	-	-	-
Wisconsin .....	134	5	-	-	-	-	-
Wyoming .....	56	-	13	-	-	-	-
<b>Water Resources Regions</b>							
Region 01 New England .....	382	18	24	-	-	-	-
Region 02 Mid-Atlantic .....	595	102	37	9	8	-	-
Region 03 South Atlantic-Gulf .....	309	46	33	-	-	-	-
Region 04 Great Lakes .....	458	99	18	-	2	-	-
Region 05 Ohio .....	426	23	18	2	2	-	-
Region 06 Tennessee .....	76	7	7	-	1	-	-
Region 07 Upper Mississippi .....	284	10	7	-	-	-	-
Region 08 Lower Mississippi .....	16	2	10	9	13	17	10
Region 09 Souris-Red-Rainy .....	1	-	-	-	-	-	-
Region 10 Missouri .....	388	186	13	-	1	43	-
Region 11 Arkansas-White-Red .....	238	3	-	11	1	2	-
Region 12 Texas-Gulf .....	190	7	-	-	-	-	-
Region 13 Rio Grande .....	44	9	-	-	-	-	-
Region 14 Upper Colorado .....	36	-	44	-	-	-	-
Region 15 Lower Colorado .....	114	-	-	-	-	3	-
Region 16 Great Basin .....	56	37	-	-	-	-	-
Region 17 Pacific Northwest .....	166	37	-	3	-	-	3
Region 18 California .....	24	-	-	-	-	-	-
Region 19 Alaska .....	13	-	-	-	-	-	-
Region 20 Hawaii .....	10	4	6	-	-	-	-

<sup>1</sup> Energy expenses for solar-powered pumps are not included.

<sup>2</sup> Average expenses are calculated only from records with one source of water and with no area under protection.

<sup>3</sup> Average expense per 10,000 square feet is for operations with only horticulture under protection.