

**Table 4. Estimated Quantity of Water Applied By Source: 2013 and 2008**

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

Geographic area	Water applied from all sources									
	Total area <sup>1</sup>				Acres in the open <sup>3</sup>			Area under protection		
	Farms	Acres irrigated	Acre-feet applied <sup>2</sup>	Average acre-feet per acre	Acres irrigated	Acre-feet applied	Average acre-feet per acre	Farms	Square feet irrigated	Gallons applied (1,000)
United States .....2013	229,237	55,319,417	88,510,811	1.6	55,283,340	88,455,968	1.6	24,829	1,405,381,815	17,870,533
.....2008	235,715	55,540,978	91,956,721	1.7	55,509,548	91,877,639	1.7	20,610	1,369,090,815	25,768,753
<b>2013 DATA</b>										
Alabama .....	1,022	101,178	46,163	0.5	100,605	44,604	0.4	301	25,455,310	508,017
Alaska .....	181	1,071	499	0.5	968	457	0.5	139	1,731,548	13,784
Arizona .....	4,380	851,861	3,756,938	4.4	851,407	3,755,876	4.4	205	17,572,080	346,182
Arkansas .....	4,212	4,950,053	6,454,502	1.3	4,949,965	6,454,191	1.3	176	3,953,942	101,483
California .....	44,347	7,549,161	23,499,744	3.1	7,543,928	23,488,939	3.1	1,569	243,531,183	3,520,721
Colorado .....	12,501	2,309,543	4,136,462	1.8	2,309,178	4,135,873	1.8	241	13,702,377	191,795
Connecticut .....	715	5,371	5,091	0.9	4,557	3,999	0.9	473	30,922,369	355,832
Delaware .....	396	114,769	58,426	0.5	114,738	58,423	0.5	72	265,160	1,123
Florida .....	8,120	1,364,559	1,589,559	1.2	1,356,561	1,573,095	1.2	1,789	369,783,392	5,364,931
Georgia .....	3,545	1,196,947	609,704	0.5	1,196,373	608,568	0.5	446	22,415,692	370,124
Hawaii .....	1,919	76,459	250,271	3.3	75,770	249,449	3.3	612	23,942,112	267,863
Idaho .....	14,092	3,511,839	6,424,185	1.8	3,511,751	6,424,081	1.8	179	2,556,909	33,894
Illinois .....	1,807	541,818	367,709	0.7	541,281	367,207	0.7	467	18,295,306	163,485
Indiana .....	1,893	454,712	235,086	0.5	454,346	234,935	0.5	471	7,450,681	49,160
Iowa .....	1,090	175,847	93,008	0.5	175,514	92,573	0.5	364	8,839,112	141,902
Kansas .....	5,243	2,851,317	3,432,654	1.2	2,851,085	3,432,397	1.2	192	8,074,504	83,755
Kentucky .....	1,212	51,126	20,631	0.4	50,663	20,335	0.4	552	10,918,317	96,311
Louisiana .....	2,130	1,096,381	1,455,012	1.3	1,096,228	1,454,716	1.3	319	8,152,878	96,599
Maine .....	946	20,817	7,273	0.3	20,290	6,959	0.3	651	10,607,864	102,353
Maryland .....	890	100,909	47,919	0.5	100,530	47,592	0.5	343	13,852,007	106,450
Massachusetts .....	1,398	27,230	36,480	1.3	26,800	36,195	1.4	613	10,926,750	92,710
Michigan .....	3,662	587,850	312,651	0.5	586,466	311,599	0.5	1,070	53,296,819	342,773
Minnesota .....	2,162	516,724	323,812	0.6	516,063	322,879	0.6	485	23,831,980	304,154
Mississippi .....	1,843	1,701,587	1,769,046	1.0	1,701,494	1,768,937	1.0	149	2,918,426	35,423
Missouri .....	2,569	1,235,334	1,193,443	1.0	1,235,005	1,193,127	1.0	556	8,469,932	102,943
Montana .....	7,384	1,872,389	2,502,453	1.3	1,872,286	2,502,345	1.3	284	2,458,858	35,168
Nebraska .....	15,747	8,297,560	8,069,122	1.0	8,297,457	8,069,039	1.0	187	2,057,548	26,970
Nevada .....	2,149	689,953	1,913,769	2.8	689,953	1,913,755	2.8	19	359,200	4,407
New Hampshire .....	528	4,020	1,432	0.4	3,773	1,282	0.3	351	5,660,877	49,037
New Jersey .....	1,255	80,777	49,030	0.6	80,071	48,086	0.6	527	34,930,178	307,645
New Mexico .....	8,733	694,632	1,311,403	1.9	694,571	1,311,363	1.9	168	886,778	12,933
New York .....	1,936	48,705	22,143	0.5	47,580	21,300	0.4	1,066	38,211,640	274,807
North Carolina .....	2,710	136,721	54,639	0.4	135,707	53,351	0.4	1,073	36,315,699	419,636
North Dakota .....	533	213,728	148,355	0.7	213,686	148,332	0.7	42	919,488	7,606
Ohio .....	1,453	41,776	25,819	0.6	40,854	25,160	0.6	710	32,573,918	214,671
Oklahoma .....	1,672	426,602	522,454	1.2	426,296	522,118	1.2	212	11,723,148	109,646
Oregon .....	12,299	1,554,173	2,972,530	1.9	1,553,034	2,970,591	1.9	910	44,589,359	631,897
Pennsylvania .....	3,126	24,027	10,234	0.4	22,523	9,431	0.4	1,820	34,643,884	261,502
Rhode Island .....	294	3,042	2,231	0.7	2,996	2,198	0.7	197	1,438,186	10,860
South Carolina .....	1,046	133,927	77,382	0.6	133,816	77,234	0.6	264	3,082,705	48,283
South Dakota .....	1,274	369,864	291,854	0.8	369,802	291,815	0.8	140	1,300,058	12,710
Tennessee .....	1,108	146,932	58,371	0.4	145,965	57,136	0.4	483	37,454,409	402,528
Texas .....	13,259	4,491,987	5,802,895	1.3	4,489,837	5,799,584	1.3	748	89,427,943	1,079,049
Utah .....	10,357	1,125,106	2,379,301	2.1	1,124,729	2,378,450	2.1	154	18,539,818	277,312
Vermont .....	567	2,324	1,008	0.4	2,127	911	0.4	353	2,865,406	31,682
Virginia .....	1,342	50,100	26,766	0.5	49,141	25,395	0.5	768	36,117,321	446,874
Washington .....	10,575	1,623,389	3,662,824	2.3	1,623,123	3,662,524	2.3	957	7,997,166	97,907
West Virginia .....	297	1,453	787	0.5	1,319	686	0.5	184	2,003,960	32,859
Wisconsin .....	2,427	473,483	387,991	0.8	472,856	387,148	0.8	741	18,036,668	274,667
Wyoming .....	4,891	1,418,284	2,089,747	1.5	1,418,272	2,089,728	1.5	37	320,940	6,111
<b>Water Resources Regions</b>										
Region 01 New England .....	4,098	60,990	52,786	0.9	58,842	50,899	0.9	2,408	60,433,198	614,723
Region 02 Mid-Atlantic .....	7,325	391,761	199,316	0.5	388,390	196,197	0.5	3,577	115,035,065	1,016,451
Region 03 South Atlantic-Gulf .....	16,745	2,946,118	2,390,968	0.8	2,935,603	2,369,716	0.8	3,874	470,764,723	6,925,027
Region 04 Great Lakes .....	6,462	821,148	451,162	0.5	817,946	448,422	0.5	2,413	118,145,599	892,795
Region 05 Ohio .....	4,554	356,743	185,063	0.5	354,602	183,456	0.5	2,135	59,729,601	523,725
Region 06 Tennessee .....	1,139	57,924	26,417	0.5	57,459	26,091	0.5	532	8,897,441	106,126
Region 07 Upper Mississippi .....	6,665	1,534,692	1,062,887	0.7	1,533,177	1,061,086	0.7	1,718	45,904,253	586,885
Region 08 Lower Mississippi .....	7,682	8,013,711	9,629,376	1.2	8,013,416	9,628,711	1.2	482	13,975,098	216,780
Region 09 Souris-Red-Rainy .....	466	175,244	118,781	0.7	175,021	118,621	0.7	75	8,391,544	52,017
Region 10 Missouri .....	33,574	13,599,516	14,891,781	1.1	13,598,476	14,890,524	1.1	1,199	33,023,426	409,756
Region 11 Arkansas-White-Red .....	10,446	5,228,308	6,953,706	1.3	5,227,723	6,952,945	1.3	619	20,243,993	247,906
Region 12 Texas-Gulf .....	10,567	3,030,034	3,719,141	1.2	3,027,926	3,715,944	1.2	707	87,455,543	1,041,778
Region 13 Rio Grande .....	9,195	802,641	1,587,844	2.0	802,574	1,587,805	2.0	163	827,838	12,558
Region 14 Upper Colorado .....	10,352	1,321,954	2,638,973	2.0	1,321,937	2,638,943	2.0	98	981,198	9,669
Region 15 Lower Colorado .....	5,092	916,132	3,955,119	4.3	915,691	3,954,057	4.3	192	17,562,380	346,078
Region 16 Great Basin .....	9,441	1,558,309	3,629,811	2.3	1,557,939	3,628,952	2.3	152	18,528,442	279,776
Region 17 Pacific Northwest .....	38,443	6,725,486	13,004,705	1.9	6,723,954	13,002,330	1.9	2,149	55,237,936	773,767
Region 18 California .....	44,891	7,701,176	23,762,206	3.1	7,695,926	23,751,363	3.1	1,585	244,570,867	3,533,066
Region 19 Alaska .....	181	1,071	499	0.5	968	457	0.5	139	1,731,548	13,784
Region 20 Hawaii .....	1,919	76,459	250,271	3.3	75,770	249,449	3.3	612	23,942,112	267,863

See footnote(s) at end of table.

--continued

**Table 4. Estimated Quantity of Water Applied By Source: 2013 and 2008 (continued)**

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

Geographic area	Ground water from wells												
	Applied in the open						Applied under protection						
	Total			Only source			Total			Only source			
	Farms	Acres irrigated	Acre-feet applied	Farms	Acres irrigated	Average acre-feet per acre	Farms	Square feet irrigated	Gallons applied (1,000)	Farms	Square feet irrigated	Gallons applied (1,000)	
United States	2013 2008	115,674 110,397	37,199,644 36,554,687	48,482,419 48,810,030	92,587 86,628	27,182,385 26,855,810	1.2 1.2	14,661 14,796	841,607,093 908,627,874	10,474,182 15,979,605	13,544 12,631	676,370,353 659,549,521	8,034,222 10,074,700
<b>2013 DATA</b>													
Alabama		532	48,481	23,089	463	35,646	0.5	175	12,283,392	312,294	145	9,024,072	193,026
Alaska		71	856	389	61	846	0.4	88	290,088	2,565	82	286,964	2,536
Arizona		1,936	314,677	1,038,973	1,388	186,297	3.7	93	9,185,968	110,315	90	8,057,200	66,714
Arkansas		3,709	4,493,900	5,495,085	2,674	3,083,790	1.2	83	423,348	4,501	77	419,748	4,375
California		23,363	3,852,318	9,753,381	16,164	1,448,904	2.6	785	141,722,788	2,000,359	658	98,165,067	1,261,226
Colorado		2,624	1,003,590	1,564,222	1,860	789,948	1.6	126	7,714,802	99,998	102	2,643,780	27,678
Connecticut		318	1,769	1,829	279	933	0.7	303	11,330,240	(D)	288	11,315,720	(D)
Delaware		334	108,720	56,252	304	91,115	0.5	42	148,120	664	42	148,120	664
Florida		6,342	737,127	698,591	5,893	581,527	1.0	1,515	268,297,234	3,853,508	1,370	207,568,908	2,963,400
Georgia		2,922	963,074	474,557	2,161	653,250	0.5	312	23,757,719	356,689	296	23,596,544	350,376
Hawaii		117	28,621	(D)	88	2,135	1.1	30	577,360	5,223	30	577,360	5,223
Idaho		3,048	1,431,878	2,521,148	1,709	586,923	1.7	109	524,149	4,791	109	524,149	4,791
Illinois		1,360	526,246	354,616	1,293	513,327	0.7	290	12,267,969	111,168	275	9,888,884	88,736
Indiana		1,278	409,889	207,926	1,159	359,211	0.5	267	3,318,728	(D)	261	3,302,096	(D)
Iowa		669	167,223	88,965	635	159,618	0.5	172	6,207,086	102,000	167	6,144,586	101,313
Kansas		4,697	2,805,697	3,388,163	4,280	2,605,069	1.2	79	4,416,992	32,420	61	3,371,392	11,878
Kentucky		205	26,530	9,043	192	25,361	0.3	92	559,978	4,016	82	506,178	(D)
Louisiana		1,573	883,114	1,088,201	1,264	699,109	1.2	208	5,650,282	71,475	174	4,563,204	57,300
Maine		321	11,067	3,341	297	1,543	0.5	386	9,983,622	(D)	378	9,917,622	(D)
Maryland		476	78,554	37,038	390	55,717	0.5	237	8,003,013	59,130	216	7,726,759	56,809
Massachusetts		522	7,795	4,693	393	2,311	1.4	329	5,388,856	44,940	264	2,964,106	21,600
Michigan		2,487	466,358	236,826	1,995	294,957	0.5	771	27,909,752	117,999	723	23,794,736	95,225
Minnesota		1,718	466,723	283,007	1,636	429,793	0.6	378	15,484,640	121,620	357	13,276,700	106,897
Mississippi		1,425	1,609,442	1,676,219	1,156	1,199,111	1.0	86	3,251,458	31,863	86	3,251,458	31,863
Missouri		1,707	1,172,182	1,154,374	1,634	1,136,984	1.0	267	6,502,828	50,796	240	6,420,086	50,052
Montana		1,012	54,858	62,797	698	26,479	1.2	207	1,981,678	26,662	207	1,981,678	26,662
Nebraska		14,863	7,666,888	7,389,258	11,881	5,583,339	0.9	111	1,416,368	19,802	111	1,416,368	19,802
Nevada		830	359,178	1,053,389	569	188,187	3.3	19	359,200	4,407	19	359,200	4,407
New Hampshire		237	1,107	373	200	766	0.4	220	4,942,488	(D)	196	4,742,488	(D)
New Jersey		903	59,312	31,590	750	41,580	0.6	370	29,348,143	248,404	351	26,808,422	226,982
New Mexico		3,977	405,285	805,301	2,670	323,174	1.9	120	763,888	(D)	110	661,090	5,028
New York		766	25,159	10,061	710	24,367	0.4	598	12,339,281	90,835	563	12,254,324	89,956
North Carolina		996	38,034	13,369	875	25,890	0.4	697	14,407,351	116,203	641	12,865,066	104,464
North Dakota		308	155,003	106,471	285	129,662	0.7	24	117,456	1,856	18	113,424	1,851
Ohio		555	23,960	12,745	475	20,598	0.5	320	12,420,452	54,031	281	11,901,368	50,502
Oklahoma		1,262	374,587	480,381	1,228	366,969	1.3	93	1,660,040	(D)	90	1,633,040	(D)
Oregon		4,647	508,867	805,875	3,630	325,748	1.6	565	28,313,706	375,389	537	21,389,605	253,247
Pennsylvania		1,661	10,847	1,466	1,466	8,685	0.4	1,201	28,383,831	210,183	1,157	27,932,081	207,327
Rhode Island		128	441	178	128	441	0.4	120	903,682	3,730	109	870,882	3,656
South Carolina		697	101,600	57,034	557	72,321	0.6	163	2,759,773	29,457	154	2,751,205	29,446
South Dakota		724	240,864	143,536	651	223,440	0.6	79	560,434	4,992	70	492,934	4,353
Tennessee		466	125,819	49,241	420	124,495	0.4	201	27,405,032	266,114	165	24,035,422	221,904
Texas		9,359	4,062,079	5,044,573	8,735	3,856,811	1.2	362	40,068,854	(D)	336	21,971,174	343,196
Utah		1,419	279,769	626,614	975	142,923	2.4	34	6,854,892	192,987	34	6,854,892	192,987
Vermont		173	368	209	144	304	0.6	222	1,502,352	20,882	183	1,462,202	(D)
Virginia		693	7,182	4,480	665	5,780	0.5	500	16,662,476	169,445	458	13,302,346	116,520
Washington		4,061	516,522	1,084,300	3,663	285,571	2.1	549	4,012,310	54,224	528	3,930,710	53,029
West Virginia		83	794	250	83	794	0.3	72	1,175,260	(D)	72	1,175,260	(D)
Wisconsin		1,617	428,267	299,805	1,400	360,810	0.7	574	17,901,353	233,803	564	17,863,553	233,680
Wyoming		483	137,023	155,254	361	99,826	1.2	17	146,380	3,228	17	146,380	3,228
<b>Water Resources Regions</b>													
Region 01 New England		1,605	22,279	10,568	1,369	6,087	0.9	1,428	32,789,928	(D)	1,282	30,025,498	300,750
Region 02 Mid-Atlantic		4,344	281,788	139,881	3,860	219,778	0.5	2,470	88,052,557	731,352	2,375	81,480,644	652,126
Region 03 South Atlantic-Gulf		11,684	1,883,276	1,268,187	10,151	1,362,832	0.7	2,855	325,476,615	4,705,245	2,607	259,832,141	3,679,462
Region 04 Great Lakes		3,808	662,679	350,123	3,126	456,407	0.5	1,572	52,390,555	359,709	1,453	47,996,002	334,842
Region 05 Ohio		1,660	305,436	157,249	1,475	293,284	0.5	797	33,030,388	272,786	700	30,144,840	240,709
Region 06 Tennessee		327	17,510	(D)	274	12,955	0.5	250	4,798,044	57,475	226	3,706,074	39,684
Region 07 Upper Mississippi		4,814	1,401,838	914,645	4,484	1,274,829	0.7	1,168	34,216,538	307,077	1,122	29,614,653	269,966
Region 08 Lower Mississippi		6,821	7,389,597	8,395,712	5,330	5,534,778	1.1	304	9,039,862	(D)	270	7,952,784	83,359
Region 09 Souris-Red-Rainy		315	142,628	92,625	303	133,974	0.6	45	363,012	3,652	39	358,980	3,647
Region 10 Missouri		20,666	9,791,794	9,615,883	16,617	7,411,950	1.0	643	24,024,194	272,081	586	18,797,130	197,053
Region 11 Arkansas-White-Red		7,412	4,809,089	6,318,042	6,961	4,442,125	1.3	307	4,507,166	49,994	290	3,468,566	30,228
Region 12 Texas-Gulf		7,320	2,632,286	3,058,306	6,712	2,469,489	1.1	361	39,534,854	515,567	335	21,437,174	334,509
Region 13 Rio Grande		4,570	530,262	1,112,374	3,265	373,539	2.1	128	610,888	(D)	118	508,090	4,683
Region 14 Upper Colorado		615	51,677	103,615	517	36,817	2.0	14	169,400	(D)	7	140,000	349
Region 15 Lower Colorado		2,197	332,077	1,085,764	1,507	197,411	3.6	80	9,176,268	110,212	77	8,047,500	66,611
Region 16 Great Basin		1,875	607,113	1,582,221	1,223	326,245	2.9	54	7,122,316	197,501	54	7,122,316	197,501
Region 17 Pacific Northwest		11,916	2,388,556	4,296,414	8,979	1,140,666	1.8	1,283	33,708,187	452,934	1,234	26,702,486	329,597
Region 18 California		23,537	3,920,282	9,891,489	16,285	1,486,238	2.6	784	141,728,872	2,000,520	657	98,171,151	1,261,387
Region 19 Alaska		71	856	389	61	846	0.4	88	290,088	2,565	82	286,964	2,536
Region 20 Hawaii		117	28,621	(D)	88	2,135	1.1	30	577,360	5,223	30	577,360	5,223

See footnote(s) at end of table.

--continued

**Table 4. Estimated Quantity of Water Applied By Source: 2013 and 2008 (continued)**

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

Geographic area	On-farm surface water											
	Applied in the open						Applied under protection					
	Total			Only source			Total			Only source		
	Farms	Acres irrigated	Acre-feet applied	Farms	Acres irrigated	Average acre-feet per acre	Farms	Square feet irrigated	Gallons applied (1,000)	Farms	Square feet irrigated	Gallons applied (1,000)
United States ..... 2013	34,322	6,369,961	9,193,479	19,917	2,961,176	1.6	3,114	318,948,518	3,493,459	2,082	168,533,862	1,831,371
..... 2008	59,655	8,990,106	13,929,496	40,867	4,655,363	1.6	3,520	349,881,054	6,600,479	1,593	133,848,369	2,520,776
<b>2013 DATA</b>												
Alabama .....	317	42,926	18,233	251	33,380	0.4	58	2,856,166	47,779	42	1,093,966	8,715
Alaska .....	20	82	34	7	65	0.3	29	74,465	556	14	37,800	425
Arizona .....	320	100,628	327,470	181	54,343	4.0	4	765,016	22,680	1	(D)	(D)
Arkansas .....	1,314	701,343	895,347	296	91,996	1.5	16	2,018,600	85,125	16	2,018,600	85,125
California .....	4,090	1,027,008	1,823,721	914	256,341	2.7	137	19,788,818	237,583	64	5,018,616	31,369
Colorado .....	1,607	318,017	576,233	1,303	229,209	2.0	32	5,008,700	78,778	21	434,000	13,076
Connecticut .....	126	2,461	1,783	93	1,820	0.5	72	16,402,491	191,506	57	16,366,971	191,453
Delaware .....	43	6,034	1,321	19	854	0.3	-	-	-	-	-	-
Florida .....	1,014	289,801	351,479	663	129,133	1.0	264	87,741,255	1,205,956	122	(D)	(D)
Georgia .....	1,141	244,943	127,274	353	87,809	0.6	23	211,625	(D)	7	17,850	134
Hawaii .....	117	10,773	(D)	69	6,670	2.2	87	2,912,060	61,305	63	1,960,500	39,073
Idaho .....	1,861	451,182	850,596	765	155,136	1.7	18	2,203,344	26,576	9	792,000	15,552
Illinois .....	206	11,531	5,667	148	5,269	0.4	58	5,497,383	(D)	37	769,124	6,068
Indiana .....	337	43,637	23,301	215	19,444	0.6	28	5,540,588	(D)	17	5,370,960	(D)
Iowa .....	150	6,426	2,066	114	2,957	0.3	56	381,100	4,200	46	311,880	3,421
Kansas .....	469	31,252	19,015	179	12,599	0.6	21	1,061,720	20,255	4	28,800	897
Kentucky .....	381	22,883	10,574	351	20,736	0.5	83	13,410,057	41,693	63	547,440	3,206
Louisiana .....	507	183,205	308,251	247	98,305	1.9	34	1,186,028	16,538	9	5,400	122
Maine .....	200	9,752	3,438	175	4,951	0.5	51	282,840	1,373	34	90,840	(D)
Maryland .....	282	20,170	9,337	199	8,801	0.4	61	2,895,513	22,833	40	2,737,012	21,203
Massachusetts .....	573	21,874	30,350	427	13,912	2.0	124	2,351,026	(D)	72	884,526	9,432
Michigan .....	969	126,549	68,925	487	43,365	0.5	119	5,357,410	19,068	69	373,988	1,763
Minnesota .....	179	32,601	23,467	112	20,886	0.8	27	1,027,276	5,992	17	210,000	1,098
Mississippi .....	478	92,072	87,151	220	28,704	0.7	13	105,000	976	13	105,000	976
Missouri .....	570	58,125	33,680	507	42,021	0.6	74	414,706	3,836	64	397,300	3,627
Montana .....	1,141	436,152	611,784	883	321,126	1.4	13	140,120	1,705	13	140,120	1,705
Nebraska .....	1,663	194,992	154,652	22	18,644	1.1	-	-	-	-	-	-
Nevada .....	484	187,394	409,824	354	85,164	2.1	-	-	-	-	-	-
New Hampshire .....	123	1,166	473	91	814	0.4	60	253,836	(D)	44	146,636	1,378
New Jersey .....	302	27,146	15,155	132	12,518	0.6	47	5,044,981	(D)	28	612,000	7,887
New Mexico .....	1,657	134,874	142,897	1,408	120,399	1.0	28	122,050	3,548	19	117,600	3,504
New York .....	457	18,461	10,091	374	15,645	0.5	161	14,893,673	63,876	133	14,749,878	61,157
North Carolina .....	1,183	86,137	35,832	1,066	74,616	0.4	124	20,004,442	275,116	82	16,805,050	240,982
North Dakota .....	77	13,144	6,654	61	10,861	0.5	12	724,032	4,504	6	720,000	4,500
Ohio .....	382	14,345	10,604	286	11,679	0.7	159	21,237,883	129,251	113	20,521,038	124,665
Oklahoma .....	212	34,488	26,142	152	29,865	0.7	2	(D)	(D)	-	-	-
Oregon .....	1,956	347,321	634,328	1,385	208,160	1.9	126	11,271,094	136,062	89	2,349,124	17,601
Pennsylvania .....	601	10,508	(D)	415	7,785	0.4	150	2,764,078	16,358	128	2,687,970	15,791
Rhode Island .....	66	2,340	1,765	52	2,315	0.8	31	117,684	1,456	17	84,204	1,377
South Carolina .....	217	33,316	18,543	129	11,553	0.4	55	221,932	3,373	46	205,300	3,352
South Dakota .....	136	33,735	22,946	82	22,888	0.7	18	83,700	1,044	9	16,200	405
Tennessee .....	258	17,046	6,165	228	15,917	0.4	73	5,324,950	65,835	49	4,907,320	61,560
Texas .....	1,517	117,187	206,105	1,096	73,121	2.1	105	42,902,765	(D)	64	15,303,280	183,341
Utah .....	1,314	169,100	266,881	868	98,700	1.8	-	-	-	-	-	-
Vermont .....	161	1,555	471	143	1,392	0.3	53	375,142	(D)	22	328,512	(D)
Virginia .....	304	38,527	18,881	269	35,281	0.5	129	10,177,855	99,676	72	3,959,045	52,327
Washington .....	1,317	234,253	493,357	945	121,414	2.4	223	809,290	4,702	201	455,040	3,040
West Virginia .....	71	328	258	71	328	0.8	23	377,960	(D)	23	377,960	(D)
Wisconsin .....	569	41,929	68,043	359	25,522	2.1	25	82,700	531	15	44,900	408
Wyoming .....	883	320,242	411,920	751	266,763	1.4	8	(D)	198	8	(D)	198
<b>Water Resources Regions</b>												
Region 01 New England .....	1,125	37,886	37,897	868	24,098	1.4	353	19,440,517	221,193	224	17,573,177	204,368
Region 02 Mid-Atlantic .....	1,599	106,626	49,898	1,109	68,919	0.5	385	20,406,164	(D)	300	10,331,189	102,862
Region 03 South Atlantic-Gulf .....	3,949	720,817	564,894	2,532	355,673	0.7	549	112,308,640	1,554,745	311	(D)	(D)
Region 04 Great Lakes .....	1,640	158,634	89,021	971	62,669	0.5	321	40,765,746	207,385	219	35,437,534	186,681
Region 05 Ohio .....	1,123	43,878	22,981	919	35,807	0.5	293	23,692,706	119,206	193	9,747,700	72,089
Region 06 Tennessee .....	352	28,327	(D)	314	22,757	0.5	54	1,131,390	6,506	35	497,040	4,026
Region 07 Upper Mississippi .....	1,034	111,513	111,061	721	67,710	1.2	160	6,822,583	(D)	114	1,172,404	10,841
Region 08 Lower Mississippi .....	1,823	851,196	1,146,719	414	146,378	1.8	54	3,491,628	(D)	29	2,311,000	89,355
Region 09 Souris-Red-Rainy .....	54	18,026	13,230	45	15,758	0.8	18	814,032	4,953	12	810,000	4,949
Region 10 Missouri .....	4,262	989,780	1,248,178	2,018	608,725	1.4	99	5,093,986	70,949	67	424,160	4,516
Region 11 Arkansas-White-Red .....	1,262	236,769	310,904	852	159,085	1.4	57	4,767,203	77,152	47	1,262,840	37,530
Region 12 Texas-Gulf .....	1,488	112,884	146,716	1,085	70,087	1.4	89	42,086,765	(D)	48	14,487,280	158,819
Region 13 Rio Grande .....	1,292	102,873	116,166	1,033	74,398	1.0	28	122,050	3,548	19	117,600	3,504
Region 14 Upper Colorado .....	1,620	281,461	463,827	1,359	242,785	1.7	18	27,900	578	11	13,200	255
Region 15 Lower Colorado .....	460	125,904	419,258	321	78,755	3.9	4	765,016	22,680	1	(D)	(D)
Region 16 Great Basin .....	1,308	304,126	593,001	848	159,311	2.0	-	-	-	-	-	-
Region 17 Pacific Northwest .....	5,658	1,087,288	2,045,507	3,510	502,705	2.0	379	14,436,848	169,199	311	3,749,284	38,052
Region 18 California .....	4,136	1,041,118	1,783,532	922	258,821	2.5	137	19,788,818	237,583	64	5,018,616	31,369
Region 19 Alaska .....	20	82	34	7	65	0.3	29	74,465	556	14	37,800	425
Region 20 Hawaii .....	117	10,773	(D)	69	6,670	2.2	87	2,912,060	61,305	63	1,960,500	39,073

See footnote(s) at end of table.

--continued

**Table 4. Estimated Quantity of Water Applied By Source: 2013 and 2008 (continued)**

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

Geographic area	Off-farm water from all suppliers											
	Applied in the open						Applied under protection					
	Total			Only source			Total			Only source		
	Farms	Acres irrigated	Acres-foot applied	Farms	Acres irrigated	Average acre-foot per acre	Farms	Square feet irrigated	Gallons applied (1,000)	Farms	Square feet irrigated	Gallons applied (1,000)
United States ..... 2013	96,646	14,448,939	30,780,070	78,901	9,434,701	2.2	8,490	368,339,216	3,902,891	7,824	283,422,445	3,114,107
..... 2008	84,443	13,165,405	29,138,113	71,525	8,547,539	2.2	4,785	237,706,687	3,188,668	3,999	171,449,220	2,154,001
<b>2013 DATA</b>												
Alabama .....	198	10,746	3,282	153	8,926	0.3	100	12,551,272	147,945	82	12,470,152	146,515
Alaska .....	29	51	34	18	28	0.8	37	1,366,995	10,662	28	1,354,332	10,633
Arizona .....	2,593	540,280	2,389,433	2,155	401,595	4.7	113	8,341,096	213,187	111	3,831,080	32,786
Arkansas .....	245	59,218	63,759	157	2,873	0.5	83	1,570,794	11,857	77	1,538,394	10,723
California .....	25,918	4,013,401	11,911,837	18,007	1,929,004	3.5	799	104,784,472	1,282,778	703	74,641,754	993,175
Colorado .....	9,107	1,109,670	1,995,418	8,344	818,162	1.9	107	1,008,275	13,019	94	997,133	12,884
Connecticut .....	65	396	387	57	282	0.9	113	3,653,560	(D)	113	3,653,560	(D)
Delaware .....	20	1,100	850	14	420	0.5	30	130,000	459	30	130,000	459
Florida .....	383	399,032	523,025	252	226,991	1.1	186	21,488,755	305,467	132	6,944,334	218,467
Georgia .....	131	16,835	6,737	73	10,789	0.3	127	479,624	(D)	127	479,624	(D)
Hawaii .....	1,411	60,138	151,396	1,345	18,200	2.3	519	22,100,142	201,335	495	22,018,002	199,928
Idaho .....	11,209	1,712,196	3,052,337	9,534	1,065,396	1.8	61	225,416	2,527	52	68,600	1,303
Illinois .....	102	6,919	6,924	71	6,731	1.0	140	1,588,680	(D)	134	1,583,280	(D)
Indiana .....	140	6,844	3,708	117	2,922	0.5	187	2,035,845	9,707	182	1,873,345	9,200
Iowa .....	115	3,024	1,542	103	1,660	0.7	146	4,322,316	35,702	141	4,309,836	35,514
Kansas .....	403	35,432	25,219	271	17,069	0.5	125	2,775,792	31,080	102	1,849,712	12,155
Kentucky .....	341	1,252	718	320	1,113	0.6	402	8,681,690	50,602	382	6,032,987	42,657
Louisiana .....	296	41,734	58,264	222	15,395	1.1	113	1,402,008	8,586	102	1,385,840	8,411
Maine .....	66	1,261	180	63	121	0.7	231	2,293,998	(D)	222	1,933,998	(D)
Maryland .....	82	3,258	1,217	76	2,643	0.3	71	3,178,326	24,487	61	2,964,326	22,568
Massachusetts .....	181	2,214	1,152	107	1,489	0.5	262	4,312,968	(D)	182	2,342,318	(D)
Michigan .....	206	12,163	5,848	187	9,353	0.5	243	36,708,953	205,706	219	22,462,305	144,054
Minnesota .....	95	19,811	16,405	75	15,146	0.9	101	13,326,064	176,543	90	13,091,600	173,303
Mississippi .....	166	7,802	5,567	145	1,589	0.4	50	257,500	2,584	50	257,500	2,584
Missouri .....	136	11,268	5,073	114	9,928	0.5	247	5,239,118	48,311	220	5,194,686	47,847
Montana .....	5,598	1,410,375	1,827,764	5,283	1,311,260	1.3	64	381,660	6,801	64	381,660	6,801
Nebraska .....	2,248	511,745	525,129	777	144,508	0.9	76	712,960	7,168	76	712,960	7,168
Nevada .....	1,129	226,633	450,542	941	117,886	2.3	-	-	-	-	-	-
New Hampshire .....	33	1,151	436	14	14	1.6	95	788,553	(D)	87	724,553	(D)
New Jersey .....	112	1,596	1,341	82	1,320	0.8	129	3,318,334	(D)	129	3,318,334	(D)
New Mexico .....	4,539	204,309	363,165	3,276	148,024	1.9	30	113,440	(D)	29	28,440	269
New York .....	279	4,626	1,148	220	3,423	0.3	347	12,001,438	120,997	330	11,954,638	119,589
North Carolina .....	138	11,913	4,150	114	11,157	0.4	314	5,388,746	28,317	288	3,679,533	22,400
North Dakota .....	149	45,569	35,207	140	42,120	0.8	12	144,000	1,246	12	144,000	1,246
Ohio .....	233	3,653	1,811	198	2,860	0.5	277	6,912,152	31,389	270	6,637,681	30,827
Oklahoma .....	168	22,591	15,595	117	14,887	0.7	122	8,539,645	81,534	117	4,768,100	50,340
Oregon .....	6,591	772,844	1,530,388	5,886	522,271	2.1	269	9,737,703	120,447	240	4,297,817	66,177
Pennsylvania .....	136	1,745	1,082	95	1,536	0.6	516	5,881,121	34,961	488	4,880,455	33,191
Rhode Island .....	68	196	255	54	182	1.3	60	416,820	5,674	57	414,900	5,656
South Carolina .....	196	2,115	1,657	139	1,472	0.7	55	459,600	15,452	55	459,600	15,452
South Dakota .....	444	101,231	125,333	392	87,455	1.3	52	1,260,724	6,674	52	1,260,724	6,674
Tennessee .....	153	3,436	1,730	127	3,310	0.5	252	5,926,287	70,578	228	4,305,687	49,727
Texas .....	2,689	353,942	548,906	2,355	259,562	1.7	322	9,497,384	(D)	307	9,453,684	(D)
Utah .....	8,429	759,434	1,484,955	7,730	597,369	2.0	120	11,689,966	84,325	120	11,689,966	84,325
Vermont .....	75	240	231	64	148	0.9	117	1,163,720	(D)	109	1,139,720	(D)
Virginia .....	69	3,714	2,034	60	3,640	0.5	203	12,085,794	177,753	181	11,668,634	176,180
Washington .....	5,633	932,907	2,084,867	5,190	710,363	2.2	212	3,784,646	38,981	201	3,781,796	38,978
West Virginia .....	31	189	178	31	189	0.9	89	593,040	(D)	89	593,040	(D)
Wisconsin .....	118	9,604	19,300	85	6,307	2.1	152	3,464,065	40,333	152	3,464,065	40,333
Wyoming .....	3,750	987,136	1,522,554	3,551	875,613	1.6	12	253,760	2,684	12	253,760	2,684
<b>Water Resources Regions</b>												
Region 01 New England .....	437	5,258	2,434	319	2,128	0.6	822	12,079,171	(D)	714	9,658,601	55,840
Region 02 Mid-Atlantic .....	447	11,183	6,418	339	9,274	0.5	825	13,865,549	(D)	799	13,427,403	(D)
Region 03 South Atlantic-Gulf .....	1,138	434,603	536,635	823	252,442	1.0	770	49,977,228	665,038	667	33,303,834	570,475
Region 04 Great Lakes .....	565	19,685	9,278	484	14,298	0.5	659	51,372,553	325,701	606	36,209,921	260,997
Region 05 Ohio .....	743	7,313	3,226	664	5,848	0.5	1,178	20,033,155	131,733	1,118	16,313,081	117,674
Region 06 Tennessee .....	156	11,724	4,557	125	11,503	0.4	259	3,810,067	42,145	240	2,728,547	24,774
Region 07 Upper Mississippi .....	347	33,403	35,380	268	25,046	1.1	447	16,824,598	(D)	425	16,679,318	(D)
Region 08 Lower Mississippi .....	445	77,359	86,280	306	13,084	0.8	160	1,921,748	(D)	149	1,905,580	(D)
Region 09 Souris-Red-Rainy .....	73	15,991	12,766	65	13,395	0.8	18	7,214,500	43,413	18	7,214,500	43,413
Region 10 Missouri .....	12,596	3,005,388	4,026,463	10,181	2,317,599	1.4	526	7,371,346	66,726	477	7,256,092	63,640
Region 11 Arkansas-White-Red .....	2,022	248,287	323,999	1,841	145,070	1.3	282	12,075,324	120,759	263	7,407,379	72,015
Region 12 Texas-Gulf .....	2,068	323,512	510,922	1,732	228,456	1.7	298	8,974,984	(D)	283	8,931,284	(D)
Region 13 Rio Grande .....	4,736	254,926	359,265	3,523	132,243	1.6	17	107,500	(D)	16	22,500	239
Region 14 Upper Colorado .....	8,434	1,011,187	2,071,501	8,152	926,194	2.1	73	813,298	8,700	73	813,298	8,700
Region 15 Lower Colorado .....	3,083	563,062	2,449,035	2,479	419,415	4.6	113	8,341,096	213,187	111	3,831,080	32,786
Region 16 Great Basin .....	7,207	794,420	1,453,730	6,453	535,154	1.9	98	11,411,166	82,275	98	11,411,166	82,275
Region 17 Pacific Northwest .....	24,393	3,479,063	6,660,409	21,420	2,391,029	1.9	573	12,860,725	151,635	524	7,261,173	96,137
Region 18 California .....	26,316	4,092,386	12,076,342	18,364	1,974,295	3.5	816	105,818,072	1,294,962	720	75,675,354	1,005,359
Region 19 Alaska .....	29	51	34	18	28	0.8	37	1,366,995	10,662	28	1,354,332	10,633
Region 20 Hawaii .....	1,411	60,138	151,396	1,345	18,200	2.3	519	22,100,142	201,335	495	22,018,002	199,928

<sup>1</sup> Irrigated square feet under protection were converted to acres and added to acres irrigated for the Total Area columns.

<sup>2</sup> Total gallons were converted to acre-feet. May not add due to rounding.

<sup>3</sup> Acres in the open was calculated as total acres minus square feet under protection converted to acres.