

**Table 21. Irrigated Farms by Market Value of Agricultural Products Sold: 2018 and 2013**

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

Geographic area	All farms										
	Farms with irrigation				Water source <sup>1</sup>			Quantity of water applied <sup>1</sup>			
	Farms	Land in farms <sup>2</sup> (acres)	Acres irrigated <sup>2</sup>	Irrigated cropland harvested <sup>2</sup>	Ground water used (acres)	On-farm surface water used (acres)	Off-farm water used (acres)	Ground water used (acre-feet)	On-farm surface water used (acre-feet)	Off-farm water used (acre-feet)	
United States .....	2018 2013	231,474 229,237	222,028,954 213,993,983	55,938,795 55,319,417	51,552,851 51,907,422	36,182,400 37,218,965	6,292,234 6,377,283	15,932,204 14,457,395	41,533,499 48,514,563	8,278,327 9,204,200	33,569,129 30,792,048
<b>2018 DATA</b>											
Alabama .....	1,069	755,249	163,338	163,210	89,962	66,156	20,117	42,526	40,614	13,091	
Alaska .....	308	9,374	1,721	1,718	1,418	114	30	1,149	82	21	
Arizona .....	3,054	2,728,642	945,570	914,436	340,043	61,325	658,532	1,144,722	150,643	3,115,072	
Arkansas .....	3,173	5,142,393	4,246,491	4,232,633	3,866,700	586,026	18,675	4,391,568	661,345	18,817	
California .....	42,093	16,682,862	8,408,282	7,508,139	4,514,986	1,054,264	4,239,157	10,607,868	2,151,072	11,746,183	
Colorado .....	14,529	15,008,030	2,458,742	2,033,286	1,150,316	321,490	1,094,795	1,586,630	415,611	1,839,068	
Connecticut .....	669	71,297	6,104	6,044	3,247	2,674	202	1,384	2,537	221	
Delaware .....	521	412,855	201,305	198,680	181,114	8,703	12,461	70,457	3,301	6,004	
Florida .....	7,615	4,207,457	1,331,739	1,285,140	727,791	292,590	333,917	692,473	170,511	496,067	
Georgia .....	3,861	2,894,113	1,163,038	1,119,151	990,501	155,272	35,229	709,597	97,647	11,215	
Hawaii .....	1,863	859,752	26,700	21,809	2,988	2,761	21,020	3,053	4,469	28,998	
Idaho .....	14,867	7,331,473	3,393,063	2,959,683	1,047,072	472,743	1,885,438	1,859,132	920,351	3,835,465	
Illinois .....	1,807	2,181,475	566,024	561,954	544,777	15,786	6,615	320,556	7,591	4,934	
Indiana .....	2,039	2,242,201	582,661	582,194	523,037	50,933	8,369	221,936	22,798	3,148	
Iowa .....	1,061	757,055	166,193	166,169	157,006	5,153	5,234	58,196	1,485	1,557	
Kansas .....	4,249	12,476,720	2,386,816	2,355,870	2,296,260	51,323	78,375	2,382,876	25,376	50,923	
Kentucky .....	1,188	332,495	58,234	58,182	33,540	24,820	2,593	11,907	8,694	1,555	
Louisiana .....	1,862	1,918,931	1,072,033	1,049,731	973,442	102,253	24,809	895,971	97,866	26,285	
Maine .....	990	232,175	35,695	30,892	12,152	23,216	3,098	4,702	10,075	862	
Maryland .....	959	317,376	125,024	125,008	103,993	24,860	1,450	57,617	10,651	178	
Massachusetts .....	1,335	105,147	19,311	18,863	4,610	13,395	2,275	1,880	20,214	697	
Michigan .....	3,886	2,232,115	827,010	820,860	683,373	142,639	10,422	376,138	77,385	4,000	
Minnesota .....	2,367	1,836,298	554,605	554,531	529,418	20,396	6,844	232,821	11,104	5,079	
Mississippi .....	1,621	2,484,250	1,667,023	1,666,108	1,572,094	135,050	697	1,089,970	77,959	464	
Missouri .....	2,705	2,818,743	1,429,074	1,412,759	1,355,604	104,818	5,218	1,059,075	48,308	2,043	
Montana .....	8,887	25,620,445	2,140,162	1,634,851	67,731	578,629	1,496,485	60,774	743,718	1,744,450	
Nebraska .....	13,013	23,550,244	7,666,152	7,558,916	7,009,852	134,363	653,647	4,217,434	62,526	576,199	
Nevada .....	1,857	4,437,112	693,520	550,037	308,477	178,917	230,942	893,063	392,846	634,313	
New Hampshire .....	731	63,546	3,218	2,967	1,362	1,098	581	1,034	814	119	
New Jersey .....	1,585	250,582	89,941	89,421	66,662	25,363	946	37,837	13,328	489	
New Mexico .....	10,093	5,672,426	675,330	564,195	390,502	28,844	309,917	735,447	29,715	572,645	
New York .....	2,148	344,024	47,974	47,169	18,770	21,911	7,430	8,568	19,629	5,912	
North Carolina .....	2,451	1,198,677	132,870	127,074	24,193	108,756	854	9,220	46,199	249	
North Dakota .....	720	2,404,884	297,001	296,877	189,044	20,839	91,236	104,042	18,590	67,298	
Ohio .....	1,601	298,020	39,258	39,170	17,721	18,316	2,727	8,228	7,120	1,788	
Oklahoma .....	1,835	3,471,123	601,492	534,377	498,471	42,963	65,580	563,533	37,760	60,770	
Oregon .....	13,794	10,520,208	1,579,108	1,234,366	436,829	332,626	815,116	691,780	489,861	1,537,782	
Pennsylvania .....	2,766	264,235	40,596	40,017	30,178	10,231	1,107	36,683	1,961	491	
Rhode Island .....	227	11,444	3,231	3,157	1,658	930	1,073	689	189	101	
South Carolina .....	1,489	985,917	252,720	247,376	216,685	43,360	1,490	175,783	26,320	1,308	
South Dakota .....	1,219	4,546,759	378,413	367,051	208,447	23,318	151,680	102,378	22,589	136,475	
Tennessee .....	1,452	1,400,647	190,746	190,746	176,490	13,180	657	66,250	14,511	621	
Texas .....	11,997	20,053,541	4,085,754	3,844,323	3,394,264	232,583	524,003	3,990,011	298,086	1,057,641	
Utah .....	12,575	6,480,550	1,181,700	919,472	242,499	118,611	854,912	514,131	226,030	1,586,469	
Vermont .....	573	65,691	3,022	2,923	913	1,065	758	798	1,090	247	
Virginia .....	1,377	389,164	48,248	48,248	10,165	38,552	155	3,569	10,404	133	
Washington .....	11,259	7,444,705	1,866,110	1,735,413	525,964	115,325	1,236,673	1,029,204	218,776	2,824,595	
West Virginia .....	482	75,438	6,525	6,525	532	5,550	194	235	1,443	109	
Wisconsin .....	2,127	1,446,654	518,312	515,906	475,401	40,847	8,441	270,130	21,339	2,439	
Wyoming .....	5,525	14,994,440	1,561,596	1,105,224	164,149	417,295	1,000,031	188,475	535,791	1,544,539	
<b>Water Resources Regions</b>											
Region 01 New England .....	4,164	524,450	69,036	63,400	23,726	41,616	7,638	10,257	34,080	2,084	
Region 02 Mid-Atlantic .....	7,317	1,601,902	524,394	520,362	401,538	116,576	16,107	211,861	47,859	7,248	
Region 03 South Atlantic-Gulf .....	16,770	10,017,021	3,042,488	2,940,335	2,032,055	692,158	379,392	1,621,660	390,993	517,657	
Region 04 Great Lakes .....	7,093	3,278,600	1,129,500	1,122,429	931,674	183,767	23,791	465,900	101,048	12,649	
Region 05 Ohio .....	4,904	2,544,562	444,046	441,100	373,493	62,939	9,314	179,006	26,516	4,448	
Region 06 Tennessee .....	1,250	410,535	71,536	71,421	31,475	29,587	13,121	15,174	25,251	4,909	
Region 07 Upper Mississippi .....	6,691	5,480,324	1,627,970	1,623,721	1,520,046	102,257	19,545	807,556	46,207	8,676	
Region 08 Lower Mississippi .....	6,595	11,235,684	7,625,812	7,603,624	7,163,588	683,222	26,598	6,662,328	725,824	34,982	
Region 09 Souris-Red-Rainy .....	587	1,130,845	207,655	207,218	176,647	29,186	3,703	93,803	18,602	4,549	
Region 10 Missouri .....	32,856	80,020,280	13,107,678	12,255,054	9,092,843	1,048,360	3,193,450	6,243,445	1,152,623	3,870,876	
Region 11 Arkansas-White-Red .....	9,554	22,713,444	4,877,419	4,646,562	4,424,113	280,650	323,605	5,160,920	222,486	330,872	
Region 12 Texas-Gulf .....	9,986	11,669,233	2,695,393	2,507,337	2,135,606	129,133	477,124	2,346,267	188,670	976,322	
Region 13 Rio Grande .....	8,740	4,629,864	709,642	586,682	382,103	98,041	309,778	880,357	142,471	461,272	
Region 14 Upper Colorado .....	13,188	8,285,836	1,472,632	905,961	32,818	343,965	1,106,671	36,304	466,353	2,056,018	
Region 15 Lower Colorado .....	3,838	3,723,087	1,035,373	995,213	377,134	66,353	706,205	1,236,715	160,510	3,329,906	
Region 16 Great Basin .....	11,322	9,724,114	1,763,616	1,459,522	609,187	250,670	962,354	1,495,871	518,434	1,928,299	
Region 17 Pacific Northwest .....	41,905	27,055,051	7,014,019	6,077,918	1,937,408	1,047,291	4,054,202	3,451,102	1,819,280	8,325,204	
Region 18 California .....	42,543	17,114,996	8,492,165	7,501,465	4,532,541	1,083,589	4,278,555	10,610,771	2,186,568	11,664,139	
Region 19 Alaska .....	308	9,374	1,721	1,718	1,418	114	30	1,149	82	21	
Region 20 Hawaii .....	1,863	859,752	26,700	21,809	2,988	2,761	21,020	3,053	4,469	28,998	

See footnote(s) at end of table.

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**Table 21. Irrigated Farms by Market Value of Agricultural Products Sold: 2018 and 2013 (continued)**

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

Geographic area	Less than \$25,000									
	Farms with irrigation				Water source <sup>1</sup>			Quantity of water applied <sup>1</sup>		
	Farms	Land in farms <sup>2</sup> (acres)	Acres irrigated <sup>2</sup>	Irrigated cropland harvested <sup>2</sup> (acres)	Ground water used (acres)	On-farm surface water used (acres)	Off-farm water used (acres)	Ground water used (acre-feet)	On-farm surface water used (acre-feet)	Off-farm water used (acre-feet)
United States .....	106,363	21,683,475	2,770,548	1,778,667	641,511	499,717	1,677,276	729,293	772,411	2,841,607
2013	102,923	26,670,428	2,314,442	1,612,554	733,090	348,922	1,302,287	1,064,909	498,463	2,242,315
<b>2018 DATA</b>										
Alabama .....	452	48,649	4,750	4,742	1,321	1,129	2,199	492	413	6,062
Alaska .....	204	5,148	392	392	(D)	33	15	(D)	31	(D)
Arizona .....	1,685	369,879	31,840	20,294	16,231	941	15,366	32,873	1,085	48,730
Arkansas .....	503	91,360	45,356	44,302	39,931	9,744	245	43,266	15,899	116
California .....	15,783	799,489	243,766	157,360	94,040	10,972	151,964	172,754	35,444	364,733
Colorado .....	9,989	2,258,248	398,807	239,230	20,419	71,673	310,096	19,115	88,455	489,140
Connecticut .....	341	29,655	636	636	418	63	(Z)	343	106	(Z)
Delaware .....	66	11,393	4,577	4,467	(D)	(D)	-	913	(D)	-
Florida .....	3,497	84,654	30,264	27,059	28,040	1,124	1,053	26,421	1,564	378
Georgia .....	1,462	298,124	49,227	37,318	44,448	8,119	8	40,730	5,064	8
Hawaii .....	1,186	24,509	3,459	2,366	(D)	(D)	2,552	68	526	2,455
Idaho .....	9,006	904,707	310,694	148,911	19,026	106,760	185,114	35,786	258,313	350,694
Illinois .....	240	9,599	2,006	2,006	1,636	(D)	278	1,118	120	278
Indiana .....	326	11,475	1,714	1,697	498	1,059	27	318	256	(D)
Iowa .....	278	10,314	1,019	1,019	778	74	27	454	18	5
Kansas .....	242	37,372	4,706	4,692	3,419	54	1,163	2,179	34	1,000
Kentucky .....	485	41,537	1,133	1,081	(D)	564	194	(D)	298	260
Louisiana .....	470	84,318	34,370	34,370	28,217	5,971	72	23,754	6,288	(D)
Maine .....	679	28,157	1,202	1,175	645	319	36	585	144	33
Maryland .....	259	15,197	2,238	2,222	1,951	183	6	1,260	91	6
Massachusetts .....	522	23,532	1,925	1,813	631	1,083	(D)	281	923	72
Michigan .....	992	101,800	13,157	13,057	10,965	1,870	11	2,689	642	11
Minnesota .....	447	81,614	15,943	15,943	15,602	791	31	7,704	387	16
Mississippi .....	327	32,824	8,341	7,821	5,217	2,806	332	2,287	1,608	319
Missouri .....	834	88,042	8,551	6,084	5,143	3,003	708	3,721	1,704	218
Montana .....	5,159	2,843,240	248,190	179,482	17,284	29,922	201,250	19,301	32,601	295,285
Nebraska .....	903	258,322	44,877	39,699	34,960	2,856	6,999	22,384	1,910	5,731
Nevada .....	995	116,709	50,547	30,936	14,022	20,785	19,831	29,238	41,976	47,131
New Hampshire .....	474	46,146	631	617	395	(D)	(D)	371	46	42
New Jersey .....	625	16,722	2,021	1,933	1,225	576	91	705	322	91
New Mexico .....	8,124	2,634,464	124,601	68,198	19,841	20,887	90,977	31,045	25,432	125,955
New York .....	983	29,372	2,534	2,488	628	(D)	745	632	373	1,432
North Carolina .....	988	51,427	5,640	5,640	2,514	2,706	241	740	1,303	101
North Dakota .....	51	2,558	167	167	(D)	(D)	101	(D)	(D)	70
Ohio .....	583	28,669	1,705	1,705	1,010	287	203	494	162	144
Oklahoma .....	656	385,941	18,205	11,580	9,944	5,212	2,909	6,199	1,721	2,698
Oregon .....	8,627	1,396,336	187,947	103,760	29,296	29,723	128,688	33,507	34,810	195,568
Pennsylvania .....	953	34,460	1,685	1,685	990	191	69	547	85	62
Rhode Island .....	102	2,348	234	224	178	(D)	-	139	17	-
South Carolina .....	726	110,687	7,417	6,845	6,031	498	775	4,139	256	566
South Dakota .....	104	13,076	3,980	3,320	133	29	3,794	46	(D)	3,090
Tennessee .....	615	141,341	3,981	3,981	3,038	312	369	1,008	351	235
Texas .....	5,418	2,320,482	155,003	93,562	95,835	12,452	48,206	89,669	18,216	31,202
Utah .....	9,363	1,844,972	309,667	200,878	17,729	37,479	261,948	28,927	67,636	461,638
Vermont .....	256	22,009	318	318	90	(D)	(D)	109	74	2
Virginia .....	743	81,998	2,077	2,077	970	704	57	479	269	56
Washington .....	5,478	539,786	83,613	50,761	14,813	16,597	52,636	17,165	17,442	115,265
West Virginia .....	404	60,357	589	589	(D)	159	150	80	113	92
Wisconsin .....	377	28,875	946	946	384	385	(Z)	267	109	(Z)
Wyoming .....	3,381	3,181,582	293,900	187,219	28,530	85,861	185,573	22,731	107,138	290,514
<b>Water Resources Regions</b>										
Region 01 New England .....	2,223	143,736	4,766	4,603	2,378	1,531	201	1,829	1,235	150
Region 02 Mid-Atlantic .....	2,644	143,724	11,758	11,498	7,128	3,330	285	3,868	1,312	256
Region 03 South Atlantic-Gulf .....	7,361	657,732	101,429	85,336	83,154	16,660	4,542	72,936	10,252	7,279
Region 04 Great Lakes .....	2,295	143,937	16,844	16,744	12,154	3,096	808	3,486	1,096	1,477
Region 05 Ohio .....	1,723	107,475	4,225	4,156	1,057	2,004	(D)	773	919	462
Region 06 Tennessee .....	616	37,509	2,589	2,474	(D)	(D)	381	(D)	358	227
Region 07 Upper Mississippi .....	1,228	145,996	20,241	19,918	17,963	1,554	340	9,016	1,149	(D)
Region 08 Lower Mississippi .....	839	255,555	75,359	74,917	70,577	9,070	(D)	66,353	19,745	234
Region 09 Souris-Red-Rainy .....	128	8,770	906	906	691	687	127	362	345	82
Region 10 Missouri .....	9,627	6,466,329	515,341	381,634	79,225	61,732	376,842	62,993	71,829	552,882
Region 11 Arkansas-White-Red .....	3,176	2,634,254	113,376	72,641	38,339	23,127	52,855	29,487	14,593	47,259
Region 12 Texas-Gulf .....	4,716	861,345	136,568	84,683	81,122	12,997	44,469	79,942	19,346	28,487
Region 13 Rio Grande .....	7,072	2,296,805	106,572	60,461	16,106	28,934	66,963	23,191	50,006	100,586
Region 14 Upper Colorado .....	10,444	1,579,995	480,993	255,214	19,857	109,609	361,728	20,573	128,719	609,374
Region 15 Lower Colorado .....	2,249	602,009	41,494	26,668	19,585	3,089	19,516	38,019	3,752	59,598
Region 16 Great Basin .....	7,670	1,771,523	252,628	181,380	29,625	52,563	179,282	51,829	90,684	332,304
Region 17 Pacific Northwest .....	24,939	2,948,192	620,191	333,296	56,161	152,939	411,436	83,663	318,552	731,737
Region 18 California .....	16,023	848,932	261,417	159,380	104,530	15,772	154,325	180,260	37,960	366,433
Region 19 Alaska .....	204	5,148	392	392	(D)	33	15	(D)	31	(D)
Region 20 Hawaii .....	1,186	24,509	3,459	2,366	(D)	(D)	2,552	68	526	2,455

See footnote(s) at end of table.

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**Table 21. Irrigated Farms by Market Value of Agricultural Products Sold: 2018 and 2013 (continued)**

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

Geographic area	\$25,000 to \$49,999									
	Farms with irrigation				Water source <sup>1</sup>			Quantity of water applied <sup>1</sup>		
	Farms	Land in farms <sup>2</sup> (acres)	Acres irrigated <sup>2</sup>	Irrigated cropland harvested <sup>2</sup> (acres)	Ground water used (acres)	On-farm surface water used (acres)	Off-farm water used (acres)	Ground water used (acre-feet)	On-farm surface water used (acre-feet)	Off-farm water used (acre-feet)
United States .....2018	18,815	7,013,890	1,072,326	814,490	392,246	121,463	582,956	407,631	150,476	973,895
.....2013	18,542	4,807,835	1,041,037	858,542	397,593	176,630	482,869	450,964	247,856	862,761
<b>2018 DATA</b>										
Alabama .....	29	960	105	105	80	25	80	80	25	80
Alaska .....	29	645	(D)	(D)	42	(D)	(D)	27	(D)	(D)
Arizona .....	212	136,301	8,145	3,068	6,213	221	1,699	19,970	221	4,022
Arkansas .....	149	30,797	17,332	17,332	16,350	2,345	13	14,417	3,326	9
California .....	4,345	355,446	100,196	70,421	40,963	14,533	52,475	74,201	39,856	124,093
Colorado .....	1,205	904,998	151,773	96,089	21,423	27,518	104,857	29,580	20,164	159,513
Connecticut .....	28	168	84	84	56	-	-	28	-	-
Delaware .....	38	2,312	1,284	1,284	1,254	-	17	35	-	4
Florida .....	628	57,204	15,579	12,092	8,624	6,286	567	6,428	3,962	378
Georgia .....	318	62,166	7,966	7,966	5,999	1,240	720	1,934	536	1,032
Hawaii .....	108	449	(D)	(D)	-	-	299	-	-	292
Idaho .....	1,389	513,880	119,498	66,239	11,049	11,786	96,657	17,009	15,923	180,449
Illinois .....	111	8,419	5,364	5,346	5,318	(D)	10	5,831	10	10
Indiana .....	163	20,254	4,411	4,411	3,740	264	(D)	1,361	163	396
Iowa .....	82	7,009	2,850	2,850	2,706	35	60	222	14	38
Kansas .....	260	657,389	22,067	22,067	21,007	-	1,050	19,469	-	495
Kentucky .....	205	16,537	1,460	1,460	(D)	737	621	9	154	169
Louisiana .....	135	33,710	5,065	3,665	2,727	2,260	(D)	1,554	927	10
Maine .....	47	7,843	114	114	(D)	(D)	-	35	25	-
Maryland .....	77	2,523	298	298	252	-	-	138	-	-
Massachusetts .....	179	7,906	1,607	1,607	431	1,148	-	79	756	-
Michigan .....	452	28,658	6,035	6,035	5,320	543	23	1,699	261	25
Minnesota .....	200	38,962	12,417	12,417	8,785	1,824	1,800	1,942	722	1,872
Mississippi .....	81	6,744	2,850	2,850	2,152	1,530	(D)	802	1,006	18
Missouri .....	194	34,086	17,554	17,126	16,846	294	336	8,885	124	165
Montana .....	763	567,651	99,712	64,601	7,446	13,846	80,471	13,525	25,622	102,007
Nebraska .....	530	299,855	61,500	58,708	55,298	1,070	6,144	30,474	710	6,816
Nevada .....	110	20,610	9,898	9,823	2,626	3,945	3,400	7,863	4,725	10,172
New Hampshire .....	21	(D)	94	94	(D)	(D)	-	8	16	5
New Jersey .....	70	5,708	2,948	2,948	1,433	1,515	(D)	297	136	-
New Mexico .....	448	133,221	18,503	13,708	12,616	7,029	7,174	17,269	3,564	16,843
New York .....	204	9,371	661	661	463	(D)	23	448	(D)	23
North Carolina .....	192	15,638	1,047	1,047	95	851	-	73	249	-
North Dakota .....	3	13	10	10	(D)	(D)	-	(D)	(D)	-
Ohio .....	250	12,369	651	651	(D)	272	(D)	55	75	20
Oklahoma .....	148	104,451	9,025	8,920	8,742	263	(D)	6,512	94	(D)
Oregon .....	887	134,579	37,632	25,024	7,248	4,150	26,148	11,951	8,545	36,009
Pennsylvania .....	284	11,070	1,969	1,969	932	918	(D)	926	247	11
Rhode Island .....	37	(D)	124	124	(D)	-	(D)	81	(Z)	(Z)
South Carolina .....	121	24,182	2,104	904	857	1,239	(D)	174	345	53
South Dakota .....	118	62,027	12,226	11,628	5,705	-	6,528	3,263	-	9,154
Tennessee .....	169	7,140	596	596	324	148	34	112	87	31
Texas .....	1,004	1,225,918	86,432	81,329	76,014	4,603	5,781	68,939	9,533	6,499
Utah .....	989	481,167	104,751	93,234	9,273	1,080	95,992	12,054	351	147,160
Vermont .....	49	1,841	186	186	24	135	8	21	121	7
Virginia .....	74	15,611	229	229	203	-	-	101	-	-
Washington .....	887	447,880	31,857	18,581	13,011	387	19,295	21,025	195	32,771
West Virginia .....	57	1,860	(D)	(D)	12	41	(D)	(D)	36	(D)
Wisconsin .....	188	9,111	3,461	3,461	3,257	126	5	1,668	36	1
Wyoming .....	548	485,236	82,170	60,677	5,041	7,080	70,043	5,052	7,599	133,218
<b>Water Resources Regions</b>										
Region 01 New England .....	315	18,026	2,029	2,029	668	1,256	6	234	797	6
Region 02 Mid-Atlantic .....	605	39,366	7,002	7,002	4,424	2,307	52	1,859	341	38
Region 03 South Atlantic-Gulf .....	1,254	158,055	27,386	22,699	15,745	10,153	1,417	8,759	5,591	1,560
Region 04 Great Lakes .....	723	39,553	7,314	7,314	6,150	839	32	2,437	414	34
Region 05 Ohio .....	614	37,937	4,335	4,335	1,389	1,521	1,106	316	524	586
Region 06 Tennessee .....	244	13,353	(D)	(D)	376	192	32	145	(D)	30
Region 07 Upper Mississippi .....	541	69,755	34,894	34,876	33,395	1,215	89	17,051	439	(D)
Region 08 Lower Mississippi .....	298	41,700	21,296	19,896	18,607	4,855	(D)	15,549	3,486	14
Region 09 Souris-Red-Rainy .....	58	18,235	2,549	2,549	-	747	1,800	-	348	1,872
Region 10 Missouri .....	2,236	1,535,196	244,839	187,489	85,285	23,945	138,649	61,779	29,946	224,586
Region 11 Arkansas-White-Red .....	656	1,178,481	71,949	69,054	56,369	2,007	13,527	55,279	1,733	17,022
Region 12 Texas-Gulf .....	904	422,331	68,939	63,204	60,521	10,873	3,781	51,043	12,668	3,159
Region 13 Rio Grande .....	443	634,299	21,274	17,178	11,074	(D)	12,579	19,855	3,075	19,667
Region 14 Upper Colorado .....	920	666,518	132,473	76,125	7,815	21,110	103,878	9,218	15,196	160,904
Region 15 Lower Colorado .....	335	189,133	13,619	8,516	10,342	221	3,044	25,974	221	5,319
Region 16 Great Basin .....	889	458,442	99,306	93,781	7,774	5,025	88,202	13,917	5,076	139,395
Region 17 Pacific Northwest .....	3,277	1,130,545	208,689	127,214	27,918	19,313	162,189	46,179	30,643	275,633
Region 18 California .....	4,366	361,871	103,322	70,153	44,353	14,533	52,211	78,008	39,856	123,719
Region 19 Alaska .....	29	645	(D)	(D)	42	(D)	(D)	27	(D)	(D)
Region 20 Hawaii .....	108	449	(D)	(D)	-	-	299	-	-	292

See footnote(s) at end of table.

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**Table 21. Irrigated Farms by Market Value of Agricultural Products Sold: 2018 and 2013 (continued)**

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

Geographic area	\$50,000 to \$99,999									
	Farms with irrigation				Water source <sup>1</sup>			Quantity of water applied <sup>1</sup>		
	Farms	Land in farms <sup>2</sup> (acres)	Acres irrigated <sup>2</sup>	Irrigated cropland harvested <sup>2</sup> (acres)	Ground water used (acres)	On-farm surface water used (acres)	Off-farm water used (acres)	Ground water used (acre-feet)	On-farm surface water used (acre-feet)	Off-farm water used (acre-feet)
United States .....2018	19,608	13,142,214	2,071,141	1,712,727	927,004	297,632	888,083	965,070	400,502	1,405,008
.....2013	19,564	11,605,795	1,866,346	1,527,446	829,274	268,792	825,148	1,045,698	354,278	1,471,693
<b>2018 DATA</b>										
Alabama .....	69	5,179	478	478	383	45	1	241	42	(Z)
Alaska .....	9	(D)	107	106	45	(D)	-	20	(D)	-
Arizona .....	170	77,726	8,112	5,373	2,489	-	5,622	2,530	-	32,938
Arkansas .....	276	184,857	138,766	131,266	123,969	14,005	774	148,738	10,740	946
California .....	4,191	789,624	171,358	142,024	77,057	48,062	62,066	170,329	138,358	156,879
Colorado .....	762	1,221,142	142,134	112,947	51,598	17,511	74,736	59,896	31,449	158,735
Connecticut .....	85	5,670	259	259	-	204	-	-	87	-
Delaware .....	34	13,065	5,489	5,489	5,488	-	-	1,783	-	-
Florida .....	753	149,542	31,404	20,112	19,896	653	10,818	14,687	235	32,598
Georgia .....	374	190,981	29,345	26,776	14,243	14,571	638	15,750	4,226	838
Hawaii .....	150	3,039	620	618	119	(D)	483	245	(D)	180
Idaho .....	1,194	441,151	179,673	141,589	28,671	20,690	130,726	35,272	21,437	244,879
Illinois .....	173	42,123	8,678	8,678	7,213	1,364	26	3,133	2,246	46
Indiana .....	202	37,366	13,130	13,128	10,665	2,372	35	5,581	2,024	(D)
Iowa .....	88	31,838	15,277	15,277	15,253	(D)	-	7,690	(D)	-
Kansas .....	370	302,841	38,510	36,900	37,578	-	908	32,360	-	1,131
Kentucky .....	147	21,087	1,240	1,240	796	(D)	156	391	99	147
Louisiana .....	208	108,911	45,074	41,616	38,201	10,321	-	47,646	9,537	-
Maine .....	81	9,713	754	754	55	610	(D)	42	364	33
Maryland .....	243	33,906	12,078	12,078	10,949	1,068	-	8,192	7,940	-
Massachusetts .....	173	4,726	1,154	1,154	50	1,004	(D)	15	153	67
Michigan .....	405	79,376	29,849	29,849	25,635	4,236	211	8,239	4,544	267
Minnesota .....	296	129,501	33,151	33,127	30,868	(D)	2,261	8,487	(D)	38
Mississippi .....	139	83,684	38,099	38,099	37,887	168	(D)	22,777	131	21
Missouri .....	239	46,606	16,480	15,080	13,510	2,878	159	9,440	781	65
Montana .....	710	2,629,305	237,779	173,816	11,021	51,205	175,540	15,405	55,738	146,385
Nebraska .....	1,250	1,044,135	181,147	174,143	135,461	6,032	43,614	91,487	3,199	40,800
Nevada .....	121	104,298	19,132	14,335	6,242	1,500	14,449	15,416	750	44,362
New Hampshire .....	77	5,729	862	631	355	65	407	37	(D)	56
New Jersey .....	205	23,807	3,704	3,704	1,929	1,807	-	1,645	741	-
New Mexico .....	430	681,107	39,124	35,824	25,355	-	16,074	43,077	-	32,182
New York .....	135	23,669	2,236	2,236	1,203	961	10	1,092	(D)	5
North Carolina .....	355	38,438	7,295	5,675	1,343	5,885	(D)	461	4,035	11
North Dakota .....	7	235	20	20	(D)	(D)	8	(D)	(D)	2
Ohio .....	239	21,262	2,780	2,714	951	1,607	116	413	408	23
Oklahoma .....	78	71,088	5,519	5,519	5,503	(D)	-	5,144	16	-
Oregon .....	1,066	694,101	115,570	76,898	16,047	24,345	76,278	22,211	25,469	114,628
Pennsylvania .....	494	30,080	2,934	2,394	1,219	1,335	199	852	145	149
Rhode Island .....	16	572	(D)	(D)	7	(D)	(D)	5	(D)	4
South Carolina .....	98	6,253	1,027	1,027	597	8	414	311	8	214
South Dakota .....	148	126,858	17,718	17,410	2,660	-	15,048	2,663	-	17,402
Tennessee .....	63	4,130	84	84	12	10	(D)	13	23	36
Texas .....	835	966,426	134,034	114,549	114,364	13,160	14,454	99,398	3,760	14,549
Utah .....	707	447,761	99,828	73,042	14,436	13,743	71,654	11,682	32,616	156,508
Vermont .....	59	6,251	(D)	(D)	12	(D)	4	20	(D)	4
Virginia .....	67	21,642	2,530	2,530	1,852	663	-	627	597	-
Washington .....	982	896,925	49,219	40,909	21,649	1,508	26,413	41,903	1,062	65,528
West Virginia .....	6	(D)	11	11	(D)	-	(D)	(D)	-	(D)
Wisconsin .....	250	35,850	7,484	7,484	6,903	828	-	2,183	774	-
Wyoming .....	379	1,247,572	179,793	123,663	5,250	32,941	143,582	5,523	43,633	142,313
<b>Water Resources Regions</b>										
Region 01 New England .....	436	26,422	3,061	2,830	467	1,885	531	99	626	164
Region 02 Mid-Atlantic .....	962	109,870	27,235	26,695	22,407	4,598	(D)	13,952	2,222	(D)
Region 03 South Atlantic-Gulf .....	1,643	393,732	69,666	54,185	36,450	21,269	11,915	31,453	8,648	33,682
Region 04 Great Lakes .....	742	143,237	39,287	39,287	33,450	6,023	221	12,299	5,538	272
Region 05 Ohio .....	688	86,624	8,507	8,439	5,383	2,293	494	2,826	768	377
Region 06 Tennessee .....	67	(D)	99	99	42	20	(D)	23	(D)	(D)
Region 07 Upper Mississippi .....	672	196,395	61,141	61,117	54,932	3,745	2,315	20,036	4,138	84
Region 08 Lower Mississippi .....	549	310,823	206,051	204,413	197,460	12,018	(D)	209,408	13,402	(Z)
Region 09 Souris-Red-Rainy .....	48	20,494	3,249	2,812	3,245	-	(D)	1,907	-	(D)
Region 10 Missouri .....	2,893	5,393,852	575,566	506,566	206,472	99,976	276,837	167,655	107,096	273,622
Region 11 Arkansas-White-Red .....	639	1,022,964	119,135	107,415	97,004	23,153	6,943	92,571	10,603	13,991
Region 12 Texas-Gulf .....	712	664,545	103,431	86,346	83,761	5,160	14,454	75,671	3,560	14,549
Region 13 Rio Grande .....	299	37,274	15,794	14,144	7,290	-	10,809	18,422	-	24,870
Region 14 Upper Colorado .....	635	713,055	136,389	73,221	4,555	(D)	118,035	5,573	36,307	210,314
Region 15 Lower Colorado .....	216	687,082	21,863	19,124	6,614	-	15,248	14,905	-	67,602
Region 16 Great Basin .....	763	450,505	123,237	96,967	20,978	9,033	96,290	27,438	21,216	182,398
Region 17 Pacific Northwest .....	3,232	2,062,201	377,081	269,615	68,581	44,703	265,656	99,549	47,508	444,370
Region 18 California .....	4,253	816,572	179,622	138,728	77,747	49,902	67,800	171,019	138,818	138,511
Region 19 Alaska .....	9	(D)	107	106	45	(D)	-	20	(D)	-
Region 20 Hawaii .....	150	3,039	620	618	119	(D)	483	245	(D)	180

See footnote(s) at end of table.

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**Table 21. Irrigated Farms by Market Value of Agricultural Products Sold: 2018 and 2013 (continued)**

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

Geographic area	\$100,000 to \$249,999									
	Farms with irrigation				Water source <sup>1</sup>			Quantity of water applied <sup>1</sup>		
	Farms	Land in farms <sup>2</sup> (acres)	Acres irrigated <sup>2</sup>	Irrigated cropland harvested <sup>2</sup> (acres)	Ground water used (acres)	On-farm surface water used (acres)	Off-farm water used (acres)	Ground water used (acre-feet)	On-farm surface water used (acre-feet)	Off-farm water used (acre-feet)
United States ..... 2018	25,934	24,892,896	4,509,521	3,891,124	2,496,120	530,206	1,568,451	2,575,814	673,093	2,959,584
..... 2013	26,354	23,094,855	4,396,129	3,872,916	2,502,082	508,202	1,558,856	3,060,658	677,777	2,757,086
<b>2018 DATA</b>										
Alabama .....	92	24,759	9,362	9,362	5,855	3,501	1	1,445	1,279	(Z)
Alaska .....	41	782	390	390	343	21	3	320	19	(Z)
Arizona .....	335	1,190,212	62,137	53,354	14,464	608	49,404	35,467	608	280,004
Arkansas .....	359	226,602	131,319	128,915	118,852	20,351	981	123,439	16,997	2,650
California .....	5,548	1,356,988	462,385	364,683	209,327	84,177	200,057	440,300	158,678	603,747
Colorado .....	966	1,616,500	318,058	272,696	97,315	84,265	150,468	139,725	93,647	299,314
Connecticut .....	12	1,758	108	108	-	108	-	-	12	-
Delaware .....	164	70,905	35,244	35,244	(D)	(D)	-	9,694	(D)	-
Florida .....	701	902,584	77,462	75,167	68,282	3,543	5,790	73,940	3,458	20,286
Georgia .....	457	204,605	61,271	59,969	54,579	7,003	9	32,672	5,357	13
Hawaii .....	193	402,573	928	928	-	-	918	-	-	1,547
Idaho .....	1,152	842,309	296,434	246,741	88,545	31,197	180,117	130,065	41,707	326,300
Illinois .....	323	150,255	65,315	65,315	61,193	(D)	3,910	41,182	198	3,910
Indiana .....	301	115,865	35,203	35,203	31,324	(D)	3,651	10,271	106	1,269
Iowa .....	178	67,049	25,375	25,375	23,051	(D)	2,340	13,993	(D)	540
Kansas .....	727	1,009,682	137,366	129,568	123,228	5,687	10,321	105,204	3,650	7,891
Kentucky .....	188	31,398	5,705	5,705	4,048	1,402	172	1,670	667	289
Louisiana .....	272	121,618	67,468	61,358	51,081	18,437	1,824	52,472	9,866	5,467
Maine .....	53	6,870	1,210	1,207	104	1,071	12	33	537	7
Maryland .....	88	11,494	5,794	5,794	4,545	1,223	8	3,148	1,016	7
Massachusetts .....	283	8,502	2,348	2,012	367	1,037	833	396	733	33
Michigan .....	459	104,941	58,190	58,190	48,091	16,001	-	38,372	3,290	-
Minnesota .....	410	190,143	65,737	65,737	56,849	8,830	10	23,630	5,923	35
Mississippi .....	186	137,025	43,486	43,126	41,830	1,650	14	26,884	732	(D)
Missouri .....	260	86,822	28,802	28,777	24,095	3,523	1,137	15,498	1,677	385
Montana .....	877	2,937,957	337,719	280,415	14,489	82,650	240,566	3,863	82,258	256,006
Nebraska .....	2,632	2,709,697	635,170	605,246	585,409	13,608	41,985	346,753	10,113	31,008
Nevada .....	244	357,567	107,390	68,725	15,315	32,330	63,580	41,391	64,755	168,755
New Hampshire .....	58	4,218	395	395	31	309	18	40	522	6
New Jersey .....	115	17,827	2,364	2,364	893	1,438	-	404	2,570	-
New Mexico .....	557	558,881	99,681	83,373	90,426	-	9,647	164,222	-	5,844
New York .....	257	32,438	4,006	3,946	1,370	976	1,514	847	2,567	309
North Carolina .....	272	67,859	11,071	9,895	6,687	4,329	9	2,129	4,146	14
North Dakota .....	136	488,356	20,843	20,843	14,817	-	6,016	10,259	-	1,862
Ohio .....	178	9,424	781	761	(D)	194	39	295	162	(D)
Oklahoma .....	394	729,154	83,819	83,819	78,053	1	5,743	108,186	(D)	5,734
Oregon .....	1,158	1,844,770	226,202	155,715	43,401	56,548	127,864	74,934	99,255	254,895
Pennsylvania .....	399	30,924	4,679	4,679	3,044	1,346	202	846	344	113
Rhode Island .....	34	761	239	239	218	-	1	216	-	2
South Carolina .....	172	47,886	10,339	10,339	7,051	3,343	56	5,069	1,088	(D)
South Dakota .....	131	350,900	17,638	17,638	5,852	664	11,120	2,332	(D)	7,567
Tennessee .....	198	70,366	11,595	11,595	11,338	119	70	3,221	83	162
Texas .....	1,362	1,891,372	380,776	356,149	338,015	4,879	37,935	338,798	6,881	63,754
Utah .....	801	1,040,977	208,607	155,213	23,737	11,075	176,560	57,956	36,373	300,388
Vermont .....	113	8,614	899	878	195	174	483	231	100	90
Virginia .....	141	28,221	1,363	1,363	567	692	24	135	351	23
Washington .....	1,056	646,021	107,088	88,352	34,575	22	72,412	45,072	36	127,669
West Virginia .....	6	1,180	310	310	-	310	-	-	35	-
Wisconsin .....	492	143,710	41,304	41,298	33,572	5,334	2,219	12,884	1,900	1,333
Wyoming .....	403	1,991,575	198,146	112,674	24,088	15,774	158,411	35,912	9,274	180,298
<b>Water Resources Regions</b>										
Region 01 New England .....	498	26,267	4,941	4,602	889	2,561	1,268	815	1,820	126
Region 02 Mid-Atlantic .....	900	139,674	49,949	49,889	44,772	4,656	290	14,721	4,300	138
Region 03 South Atlantic-Gulf .....	1,815	1,312,153	174,094	169,321	146,148	22,575	5,892	118,092	14,989	20,364
Region 04 Great Lakes .....	856	195,863	86,135	86,114	69,116	17,638	5,133	44,607	6,055	1,565
Region 05 Ohio .....	598	127,504	25,294	25,274	22,974	1,876	276	17,512	991	397
Region 06 Tennessee .....	87	3,457	400	400	(D)	(D)	19	(D)	(D)	27
Region 07 Upper Mississippi .....	1,278	500,221	170,214	170,184	152,952	10,875	6,138	75,073	3,395	5,278
Region 08 Lower Mississippi .....	848	482,695	244,104	239,740	217,819	36,133	1,851	193,458	25,018	5,531
Region 09 Souris-Red-Rainy .....	63	21,909	7,816	7,816	1,552	6,260	1	811	5,644	1
Region 10 Missouri .....	4,906	9,438,564	1,309,905	1,164,339	765,952	120,285	436,871	547,164	88,662	510,100
Region 11 Arkansas-White-Red .....	1,382	1,951,658	318,007	291,977	288,005	18,513	21,093	320,841	9,863	21,001
Region 12 Texas-Gulf .....	1,169	1,391,430	324,047	303,460	286,456	2,749	34,795	289,865	4,791	62,454
Region 13 Rio Grande .....	349	437,937	62,119	50,366	45,830	(D)	15,784	93,787	(D)	22,985
Region 14 Upper Colorado .....	701	996,779	229,124	153,428	(D)	40,877	188,185	(D)	64,569	302,348
Region 15 Lower Colorado .....	366	1,235,284	80,975	69,622	24,744	3,488	55,075	65,987	7,808	295,579
Region 16 Great Basin .....	893	1,265,817	269,646	200,205	49,052	36,428	190,773	112,297	80,554	391,698
Region 17 Pacific Northwest .....	3,374	3,553,355	653,882	535,137	170,047	119,917	368,863	240,012	193,685	642,606
Region 18 California .....	5,617	1,408,974	497,551	367,932	209,327	84,177	235,223	440,300	158,678	675,838
Region 19 Alaska .....	41	782	390	390	343	21	3	320	19	(Z)
Region 20 Hawaii .....	193	402,573	928	928	-	-	918	-	-	1,547

See footnote(s) at end of table.

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**Table 21. Irrigated Farms by Market Value of Agricultural Products Sold: 2018 and 2013 (continued)**

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

Geographic area	\$250,000 to \$499,999									
	Farms with irrigation				Water source <sup>1</sup>			Quantity of water applied <sup>1</sup>		
	Farms	Land in farms <sup>2</sup> (acres)	Acres irrigated <sup>2</sup>	Irrigated cropland harvested <sup>2</sup> (acres)	Ground water used (acres)	On-farm surface water used (acres)	Off-farm water used (acres)	Ground water used (acre-feet)	On-farm surface water used (acre-feet)	Off-farm water used (acre-feet)
United States .....2018	20,450	33,338,889	6,592,987	5,936,621	4,134,372	720,408	1,953,391	4,571,022	921,586	3,382,308
.....2013	21,142	26,933,688	6,644,023	6,223,374	4,364,158	678,466	1,833,622	4,902,201	901,074	4,100,720
<b>2018 DATA</b>										
Alabama .....	74	142,376	9,858	9,858	63	9,789	3	65	3,549	1
Alaska .....	5	(D)	(D)	(D)	(D)	-	-	(D)	-	-
Arizona .....	143	69,724	48,838	48,038	39,338	-	20,060	181,480	-	79,974
Arkansas .....	466	507,380	410,377	409,672	368,244	57,500	3,031	387,016	69,631	4,221
California .....	3,677	1,517,557	661,841	545,263	369,740	68,677	295,231	883,377	119,865	785,318
Colorado .....	794	3,660,463	395,796	321,568	179,134	61,986	174,749	260,209	114,684	261,354
Connecticut .....	67	3,434	616	556	218	346	24	(D)	97	(D)
Delaware .....	60	41,124	25,835	25,835	(D)	(D)	-	9,318	(D)	-
Florida .....	657	226,855	56,312	53,312	55,383	834	180	53,594	838	51
Georgia .....	423	336,467	110,802	110,802	88,934	26,016	1	81,626	15,690	4
Hawaii .....	79	279,611	3,194	2,996	-	154	3,029	-	(D)	3,842
Idaho .....	927	1,705,674	449,018	387,290	102,716	69,454	281,504	179,142	136,676	558,423
Illinois .....	324	183,647	58,951	57,649	56,817	534	1,895	62,297	166	564
Indiana .....	191	99,718	36,808	36,468	28,361	8,436	-	11,765	4,993	-
Iowa .....	126	95,832	22,588	22,588	21,091	1,104	1,800	6,947	312	594
Kansas .....	824	1,514,216	288,261	281,877	280,886	2,130	17,020	270,971	1,320	7,671
Kentucky .....	80	14,074	1,164	1,164	(D)	310	796	19	179	568
Louisiana .....	213	296,409	141,718	132,484	130,513	20,954	9,100	120,359	25,052	754
Maine .....	78	9,863	3,975	3,972	993	2,522	451	(D)	1,603	(D)
Maryland .....	80	45,046	13,777	13,777	10,755	3,580	-	3,067	1,630	-
Massachusetts .....	77	25,569	2,832	2,832	408	2,092	600	48	1,830	(D)
Michigan .....	415	250,694	72,199	71,599	53,722	18,363	86	46,551	7,144	97
Minnesota .....	302	180,373	47,442	47,442	45,597	(D)	1,784	14,918	(D)	2,601
Mississippi .....	173	146,978	84,141	84,111	82,442	1,692	-	57,645	894	-
Missouri .....	220	211,026	87,131	87,131	79,070	6,828	1,280	51,629	4,972	644
Montana .....	693	5,084,852	360,790	277,374	5,770	58,344	296,683	1,741	61,093	364,613
Nebraska .....	2,639	3,644,370	1,224,450	1,206,339	1,072,919	28,329	150,094	603,683	11,802	117,083
Nevada .....	178	463,048	124,455	95,065	48,315	45,290	42,610	147,225	99,255	107,806
New Hampshire .....	34	2,917	190	186	(D)	(D)	(D)	11	(D)	(D)
New Jersey .....	285	54,238	19,802	19,566	15,354	4,357	66	10,114	594	45
New Mexico .....	199	254,318	54,673	51,665	21,925	(D)	34,890	40,803	528	36,810
New York .....	231	51,309	4,694	4,694	601	2,840	1,150	1,038	5,836	154
North Carolina .....	235	93,913	4,779	4,779	1,871	3,891	(D)	284	2,297	88
North Dakota .....	198	351,474	46,926	46,926	26,884	2,542	17,500	14,994	1,271	9,600
Ohio .....	136	18,937	4,154	4,154	910	3,170	59	622	586	(D)
Oklahoma .....	125	368,164	55,226	50,566	54,582	(D)	(D)	67,244	(D)	(D)
Oregon .....	710	2,349,202	188,980	127,520	53,668	26,596	108,670	74,198	27,510	152,777
Pennsylvania .....	290	49,908	2,287	2,287	833	1,417	(D)	354	506	21
Rhode Island .....	22	1,241	295	231	(D)	(D)	32	22	(D)	17
South Carolina .....	104	63,651	24,115	22,763	22,543	2,924	-	19,428	1,454	-
South Dakota .....	223	517,438	68,356	68,302	65,608	692	2,743	36,589	692	2,683
Tennessee .....	74	110,871	7,074	7,074	7,032	(D)	(D)	1,649	(D)	8
Texas .....	1,332	3,210,702	612,615	566,545	541,255	26,807	50,230	630,012	44,983	100,115
Utah .....	277	846,893	121,477	92,542	27,128	7,120	88,184	87,688	4,940	159,531
Vermont .....	46	2,582	500	440	208	206	(D)	104	122	102
Virginia .....	148	54,666	10,374	10,374	1,825	9,523	-	516	2,063	-
Washington .....	953	516,987	214,339	200,299	58,955	18,821	136,923	111,118	38,742	269,414
West Virginia .....	1	(D)	(D)	(D)	(D)	-	-	(D)	-	-
Wisconsin .....	348	188,227	65,041	64,642	60,175	4,392	703	16,909	2,015	190
Wyoming .....	494	3,474,417	343,808	253,891	25,442	109,026	209,318	22,314	103,645	354,080
<b>Water Resources Regions</b>										
Region 01 New England .....	287	43,539	8,029	7,898	1,881	5,177	1,167	337	3,620	71
Region 02 Mid-Atlantic .....	818	218,249	71,873	71,637	53,875	18,272	(D)	24,038	8,620	(D)
Region 03 South Atlantic-Gulf .....	1,536	878,895	209,237	204,885	169,874	46,742	339	155,345	25,054	145
Region 04 Great Lakes .....	830	418,466	127,569	126,569	101,168	25,033	1,225	58,302	10,761	327
Region 05 Ohio .....	346	90,655	11,538	11,538	4,820	3,945	2,718	3,068	2,593	1,158
Region 06 Tennessee .....	32	(D)	(D)	(D)	(D)	512	(D)	(D)	(D)	(D)
Region 07 Upper Mississippi .....	1,045	592,471	172,770	171,069	158,135	14,001	2,532	96,951	6,295	811
Region 08 Lower Mississippi .....	883	1,032,320	643,452	633,483	600,396	65,855	2,526	568,365	81,946	3,715
Region 09 Souris-Red-Rainy .....	108	386,302	22,762	22,762	11,660	9,342	1,760	8,713	5,799	2,580
Region 10 Missouri .....	4,861	13,657,379	2,059,983	1,943,681	1,383,518	83,748	634,273	881,319	101,054	758,868
Region 11 Arkansas-White-Red .....	1,169	2,642,741	574,943	558,778	504,604	25,439	76,063	552,071	20,195	75,974
Region 12 Texas-Gulf .....	985	2,180,843	432,741	386,306	375,992	21,107	35,619	386,432	43,615	85,504
Region 13 Rio Grande .....	226	255,156	115,498	92,938	68,325	1,000	53,223	171,606	(D)	51,365
Region 14 Upper Colorado .....	321	2,778,451	254,329	143,169	201	120,691	133,415	200	137,038	229,307
Region 15 Lower Colorado .....	143	69,724	48,838	48,038	39,338	-	20,060	181,480	-	79,974
Region 16 Great Basin .....	444	1,331,834	273,911	215,718	107,838	55,910	125,038	335,133	111,125	259,964
Region 17 Pacific Northwest .....	2,623	4,685,201	888,529	751,546	178,086	148,028	565,240	285,240	232,572	1,044,386
Region 18 California .....	3,709	1,795,455	673,210	543,029	374,598	75,452	294,963	862,375	130,215	784,214
Region 19 Alaska .....	5	(D)	(D)	(D)	(D)	-	-	(D)	-	-
Region 20 Hawaii .....	79	279,611	3,194	2,996	-	154	3,029	-	(D)	3,842

See footnote(s) at end of table.

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**Table 21. Irrigated Farms by Market Value of Agricultural Products Sold: 2018 and 2013 (continued)**

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

Geographic area	\$500,000 to \$999,999									
	Farms with irrigation				Water source <sup>1</sup>			Quantity of water applied <sup>1</sup>		
	Farms	Land in farms <sup>2</sup> (acres)	Acres irrigated <sup>2</sup>	Irrigated cropland harvested <sup>2</sup> (acres)	Ground water used (acres)	On-farm surface water used (acres)	Off-farm water used (acres)	Ground water used (acre-feet)	On-farm surface water used (acre-feet)	Off-farm water used (acre-feet)
United States .....2018	17,545	41,857,868	9,882,727	9,298,942	7,170,228	960,667	2,085,837	7,207,350	1,179,797	4,452,304
.....2013	18,652	38,871,270	9,918,317	9,578,884	7,321,629	1,022,930	1,980,898	8,749,323	1,312,602	3,945,919
<b>2018 DATA</b>										
Alabama .....	158	138,032	21,474	21,474	14,722	3,907	3,032	5,900	2,062	758
Alaska .....	17	(D)	(D)	(D)	(D)	-	-	(D)	-	-
Arizona .....	149	108,729	91,360	91,258	11,070	6,590	75,648	47,527	29,328	353,630
Arkansas .....	525	901,942	728,487	728,487	657,846	110,586	5,694	715,794	101,166	6,068
California .....	3,273	3,339,311	1,030,085	836,477	542,068	127,096	531,531	1,225,011	237,101	1,599,477
Colorado .....	420	1,706,600	421,951	391,925	285,668	32,636	151,159	408,037	41,096	270,693
Connecticut .....	15	2,618	345	345	202	159	(D)	(D)	137	(D)
Delaware .....	104	130,139	44,050	41,630	(D)	(D)	(D)	18,092	(D)	(D)
Florida .....	470	756,236	83,428	72,808	71,309	3,157	11,310	50,488	1,273	3,759
Georgia .....	282	310,482	180,772	170,857	163,442	17,330	-	110,691	12,521	-
Hawaii .....	57	57,390	(D)	(D)	-	(D)	488	-	(D)	831
Idaho .....	579	902,091	457,230	430,942	156,512	53,543	248,335	242,689	98,697	550,156
Illinois .....	181	332,723	100,834	100,834	100,240	555	-	41,465	53	-
Indiana .....	259	406,894	107,765	107,657	89,932	16,908	925	48,756	4,738	315
Iowa .....	127	207,088	34,637	34,637	32,699	1,890	41	11,588	90	15
Kansas .....	845	2,797,962	580,627	574,912	563,420	4,145	13,378	609,789	1,784	11,566
Kentucky .....	38	6,355	2,270	2,270	(D)	(D)	(D)	(D)	14	104
Louisiana .....	303	576,887	305,039	302,939	288,474	3,853	13,762	337,777	2,893	19,989
Maine .....	15	3,276	864	794	(D)	(D)	(D)	41	65	(D)
Maryland .....	96	83,730	36,939	36,939	30,388	9,220	330	25,233	2,883	69
Massachusetts .....	45	8,704	2,496	2,496	1,049	966	480	65	414	480
Michigan .....	435	384,185	143,513	143,263	120,195	18,823	4,789	65,037	8,486	1,478
Minnesota .....	368	423,078	118,977	118,977	115,622	3,687	136	51,546	1,314	46
Mississippi .....	309	486,631	303,214	303,214	289,666	16,301	-	185,032	10,649	-
Missouri .....	390	660,663	325,142	325,222	307,346	18,552	1,544	219,020	8,720	448
Montana .....	465	5,305,687	411,183	332,142	8,786	146,304	256,490	5,040	178,131	302,686
Nebraska .....	2,834	6,108,963	2,088,133	2,074,085	1,926,418	42,620	144,333	1,057,826	18,056	133,894
Nevada .....	119	910,992	95,557	89,482	64,312	15,475	15,770	209,555	32,953	49,410
New Hampshire .....	48	1,978	350	350	245	(D)	(D)	142	(D)	(D)
New Jersey .....	159	54,017	18,315	18,315	13,316	5,048	789	4,833	3,253	353
New Mexico .....	194	1,027,903	117,167	101,067	78,659	-	39,678	115,009	-	60,444
New York .....	92	26,649	7,822	7,772	4,339	2,840	636	1,267	4,000	654
North Carolina .....	162	62,925	12,720	12,720	1,227	11,461	(D)	497	3,963	16
North Dakota .....	104	178,241	77,633	77,633	27,673	-	49,960	16,224	-	43,780
Ohio .....	120	78,488	8,188	8,186	2,614	3,795	1,791	877	593	1,380
Oklahoma .....	195	676,080	69,158	54,523	50,148	5,658	13,350	60,418	3,522	12,700
Oregon .....	633	2,129,931	238,396	221,559	91,849	83,226	63,377	157,653	102,936	112,005
Pennsylvania .....	127	20,840	2,714	2,705	956	1,695	(D)	105	170	16
Rhode Island .....	15	4,687	1,815	1,815	(D)	(D)	1,031	(D)	96	77
South Carolina .....	99	190,948	51,160	49,960	39,870	11,290	-	32,158	5,643	-
South Dakota .....	122	292,578	43,709	42,550	37,658	6,026	16	15,317	5,980	45
Tennessee .....	138	273,557	30,945	30,945	30,763	(D)	101	7,691	(D)	111
Texas .....	970	3,482,795	832,126	783,737	703,538	64,711	72,490	765,095	97,235	113,240
Utah .....	251	1,289,332	166,397	139,022	53,464	18,224	104,175	118,452	23,414	267,007
Vermont .....	17	2,061	244	226	31	(D)	183	15	(D)	(D)
Virginia .....	80	49,131	7,203	7,203	634	6,550	-	254	1,347	-
Washington .....	769	2,667,761	203,739	173,556	60,157	19,809	124,198	146,238	47,149	317,902
West Virginia .....	1	(D)	(D)	(D)	(D)	-	-	(D)	-	-
Wisconsin .....	151	142,880	54,916	54,910	45,696	9,218	-	24,651	6,551	-
Wyoming .....	220	2,146,300	218,612	172,896	38,947	54,986	133,878	46,987	77,532	216,604
<b>Water Resources Regions</b>										
Region 01 New England .....	141	21,756	5,896	5,826	2,234	2,002	1,683	456	807	619
Region 02 Mid-Atlantic .....	624	343,202	112,642	110,204	92,019	23,268	1,212	49,418	7,389	(D)
Region 03 South Atlantic-Gulf .....	1,127	1,422,486	350,847	329,112	288,825	52,991	11,422	198,635	29,456	3,783
Region 04 Great Lakes .....	663	589,496	198,083	197,777	167,680	23,412	7,274	86,817	14,936	3,377
Region 05 Ohio .....	291	457,442	86,772	86,761	72,649	13,370	(D)	38,620	3,044	280
Region 06 Tennessee .....	120	(D)	9,759	9,759	(D)	(D)	3,101	3,043	(D)	861
Region 07 Upper Mississippi .....	723	809,077	236,949	236,841	213,861	22,068	1,102	92,463	8,340	376
Region 08 Lower Mississippi .....	1,305	2,357,797	1,438,931	1,436,831	1,350,538	94,695	14,414	1,248,208	93,504	21,292
Region 09 Souris-Red-Rainy .....	53	145,187	43,893	43,893	43,880	480	(D)	28,384	200	(D)
Region 10 Missouri .....	4,300	15,580,984	3,133,283	3,013,911	2,394,566	231,464	571,005	1,522,497	218,166	713,360
Region 11 Arkansas-White-Red .....	1,269	4,767,847	1,105,395	1,045,001	1,013,102	64,275	57,724	1,150,879	64,256	66,635
Region 12 Texas-Gulf .....	723	2,299,482	576,489	550,964	476,876	35,036	72,490	479,047	53,260	113,240
Region 13 Rio Grande .....	172	397,270	102,264	91,736	64,779	11,156	47,290	159,270	15,162	60,719
Region 14 Upper Colorado .....	118	783,742	119,524	91,204	(D)	(D)	95,873	(D)	46,716	240,662
Region 15 Lower Colorado .....	159	117,159	96,266	93,014	15,973	6,590	75,648	55,935	29,328	353,630
Region 16 Great Basin .....	391	2,216,435	289,814	263,814	146,198	33,699	119,383	355,715	56,367	268,997
Region 17 Pacific Northwest .....	2,003	6,039,850	935,085	849,984	282,725	188,558	465,446	520,119	288,885	1,001,678
Region 18 California .....	3,289	3,364,980	1,038,812	841,087	537,165	132,776	539,479	1,216,603	248,021	1,601,519
Region 19 Alaska .....	17	(D)	(D)	(D)	(D)	-	-	(D)	-	-
Region 20 Hawaii .....	57	57,390	(D)	(D)	(D)	(D)	488	(D)	(D)	831

See footnote(s) at end of table.

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**Table 21. Irrigated Farms by Market Value of Agricultural Products Sold: 2018 and 2013 (continued)**

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

Geographic area	\$1,000,000 or more									
	Farms with irrigation				Water source <sup>1</sup>			Quantity of water applied <sup>1</sup>		
	Farms	Land in farms <sup>2</sup> (acres)	Acres irrigated <sup>2</sup>	Irrigated cropland harvested <sup>2</sup> (acres)	Ground water used (acres)	On-farm surface water used (acres)	Off-farm water used (acres)	Ground water used (acre-feet)	On-farm surface water used (acre-feet)	Off-farm water used (acre-feet)
United States .....2018	22,759	80,099,722	29,039,545	28,120,280	20,420,918	3,162,142	7,176,210	25,077,319	4,180,461	17,554,424
.....2013	22,060	82,010,112	29,139,123	28,233,706	21,071,139	3,373,341	6,473,714	29,240,811	5,212,149	15,411,554
<b>2018 DATA</b>										
Alabama .....	195	395,294	117,311	117,191	67,537	47,760	14,801	34,303	33,244	6,189
Alaska .....	3	(D)	12	12	10	-	(D)	16	-	(D)
Arizona .....	360	776,071	695,138	693,051	250,237	52,965	490,732	824,876	119,401	2,315,773
Arkansas .....	895	3,199,455	2,774,854	2,772,659	2,541,507	371,495	7,936	2,958,898	443,586	4,807
California .....	5,276	8,524,447	5,738,651	5,391,911	3,181,792	700,746	2,945,833	7,641,896	1,421,770	8,111,936
Colorado .....	393	3,640,079	630,223	598,831	494,758	25,900	128,730	670,068	26,116	200,318
Connecticut .....	121	27,994	4,056	4,056	2,353	1,794	(D)	885	2,098	207
Delaware .....	55	143,917	84,826	84,731	66,862	6,519	12,444	30,620	2,617	6,000
Florida .....	909	2,030,382	1,037,290	1,024,590	476,257	276,994	304,199	466,914	159,181	438,617
Georgia .....	545	1,491,288	723,655	705,463	618,856	80,993	33,853	426,194	54,253	9,321
Hawaii .....	90	92,181	16,877	14,112	(D)	1,244	13,251	2,740	2,076	19,851
Idaho .....	620	2,021,661	1,580,516	1,537,971	640,555	179,313	762,985	1,219,169	347,598	1,624,562
Illinois .....	455	1,454,709	324,876	322,126	312,360	13,056	496	165,530	4,798	126
Indiana .....	597	1,550,629	383,630	383,630	358,518	(D)	(D)	143,884	10,518	(D)
Iowa .....	182	337,925	64,447	64,447	61,465	2,042	967	17,302	1,047	365
Kansas .....	981	6,157,258	1,315,279	1,305,854	1,266,723	39,307	34,534	1,342,904	18,588	21,169
Kentucky .....	45	201,507	45,262	45,262	26,886	21,570	(D)	9,052	7,284	17
Louisiana .....	261	697,078	473,299	473,299	434,230	40,457	(D)	312,408	43,302	(D)
Maine .....	37	166,453	27,576	22,876	(D)	18,115	2,424	(D)	7,337	707
Maryland .....	116	125,480	53,900	53,900	45,154	9,586	1,106	16,580	4,255	96
Massachusetts .....	56	26,208	6,949	6,949	1,673	6,066	(D)	996	15,405	(D)
Michigan .....	728	1,282,461	504,067	498,867	419,446	82,803	5,303	213,550	53,018	2,122
Minnesota .....	344	792,627	260,938	260,888	256,094	5,245	823	124,594	2,686	470
Mississippi .....	406	1,590,364	1,186,892	1,186,887	1,112,899	110,903	(D)	794,542	62,939	(D)
Missouri .....	568	1,691,498	944,414	933,339	909,595	69,739	55	750,883	30,330	119
Montana .....	220	6,251,753	444,789	327,021	2,935	196,357	245,485	1,899	308,275	277,468
Nebraska .....	2,225	9,484,902	3,430,875	3,400,696	3,199,387	39,848	260,478	2,064,828	16,736	240,868
Nevada .....	90	2,463,888	286,541	241,671	157,645	59,592	71,302	442,375	148,432	206,677
New Hampshire .....	19	(D)	696	694	243	546	-	425	(D)	-
New Jersey .....	126	78,263	40,787	40,591	32,513	10,624	-	19,840	5,701	-
New Mexico .....	141	382,532	221,581	210,360	141,680	(D)	111,476	324,022	200	294,567
New York .....	246	171,216	26,021	25,372	10,167	13,341	3,351	3,243	6,617	3,336
North Carolina .....	247	868,477	90,318	87,318	10,455	79,632	360	5,036	30,206	18
North Dakota .....	221	1,384,007	151,402	151,278	119,653	18,239	17,650	62,546	17,287	11,984
Ohio .....	95	128,871	20,999	20,999	11,645	8,991	(D)	5,472	5,135	(D)
Oklahoma .....	239	1,136,245	360,540	319,450	291,500	31,782	42,960	309,830	32,392	39,222
Oregon .....	713	1,971,289	584,381	523,890	195,320	108,039	284,092	317,326	191,338	671,900
Pennsylvania .....	219	86,953	24,328	24,298	22,204	3,328	466	33,052	463	119
Rhode Island .....	1	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	-
South Carolina .....	169	542,310	156,558	155,538	139,736	24,058	(D)	114,504	17,526	(D)
South Dakota .....	373	3,183,882	214,786	206,203	90,831	15,907	112,431	42,168	15,826	96,534
Tennessee .....	195	793,242	136,471	136,471	123,982	12,487	39	52,557	13,788	37
Texas .....	1,076	6,955,846	1,884,768	1,848,452	1,525,242	105,971	294,907	1,998,100	117,478	728,283
Utah .....	187	529,448	170,973	165,541	96,731	29,890	56,399	197,372	60,700	94,237
Vermont .....	33	22,333	(D)	(D)	352	(D)	(D)	298	581	(D)
Virginia .....	124	137,895	24,472	24,472	4,115	20,421	74	1,458	5,778	54
Washington .....	1,134	1,729,345	1,176,255	1,162,955	322,804	58,181	804,795	646,684	114,149	1,896,047
West Virginia .....	7	(D)	5,432	5,432	(D)	5,040	(D)	75	1,260	(D)
Wisconsin .....	321	898,001	345,160	343,165	325,414	20,564	5,514	211,567	9,954	916
Wyoming .....	100	2,467,758	245,167	194,204	36,851	111,627	99,227	49,956	186,969	227,512
<b>Water Resources Regions</b>										
Region 01 New England .....	264	244,704	40,314	35,612	15,209	27,204	2,782	6,486	25,175	948
Region 02 Mid-Atlantic .....	764	607,817	243,935	243,437	176,912	60,145	14,025	104,004	23,675	6,263
Region 03 South Atlantic-Gulf .....	2,034	5,193,968	2,109,829	2,074,797	1,291,859	521,768	343,865	1,036,440	297,003	450,843
Region 04 Great Lakes .....	984	1,748,048	654,268	648,624	541,957	107,726	9,098	257,951	62,248	5,597
Region 05 Ohio .....	644	1,636,925	303,375	300,597	265,221	37,930	(D)	115,892	17,677	1,187
Region 06 Tennessee .....	84	(D)	57,416	57,416	(D)	27,474	9,583	11,385	23,222	3,762
Region 07 Upper Mississippi .....	1,204	3,166,409	931,761	929,716	888,807	48,799	7,029	496,966	22,450	(D)
Region 08 Lower Mississippi .....	1,873	6,754,794	4,996,619	4,994,344	4,708,190	460,596	(D)	4,360,987	488,723	4,195
Region 09 Souris-Red-Rainy .....	129	529,948	126,480	126,480	115,618	11,670	-	53,626	6,266	-
Region 10 Missouri .....	4,033	27,947,976	5,268,761	5,057,434	4,177,824	427,209	758,973	3,000,038	535,869	837,458
Region 11 Arkansas-White-Red .....	1,263	8,515,499	2,574,614	2,501,696	2,426,689	124,135	95,398	2,959,792	101,243	88,990
Region 12 Texas-Gulf .....	777	3,849,257	1,053,178	1,032,374	770,878	41,211	271,517	984,267	51,430	668,930
Region 13 Rio Grande .....	179	571,123	286,121	259,859	168,699	54,704	103,130	394,226	72,328	181,080
Region 14 Upper Colorado .....	49	767,296	119,800	113,600	-	14,540	105,556	-	37,807	303,109
Region 15 Lower Colorado .....	370	822,696	732,318	730,231	260,537	52,965	517,612	854,416	119,401	2,468,203
Region 16 Great Basin .....	272	2,229,558	455,074	407,657	247,721	58,012	163,387	599,542	153,412	353,542
Region 17 Pacific Northwest .....	2,457	6,635,707	3,330,562	3,211,126	1,153,890	373,833	1,815,372	2,176,340	707,435	4,184,793
Region 18 California .....	5,286	8,518,212	5,738,231	5,381,156	3,184,822	710,976	2,934,553	7,662,206	1,433,020	7,973,906
Region 19 Alaska .....	3	(D)	12	12	10	-	(D)	16	-	(D)
Region 20 Hawaii .....	90	92,181	16,877	14,112	(D)	1,244	13,251	2,740	2,076	19,851

<sup>1</sup> May not add due to rounding.

<sup>2</sup> Area consists of harvested cropland in the open and rounded square footage to the nearest acre.