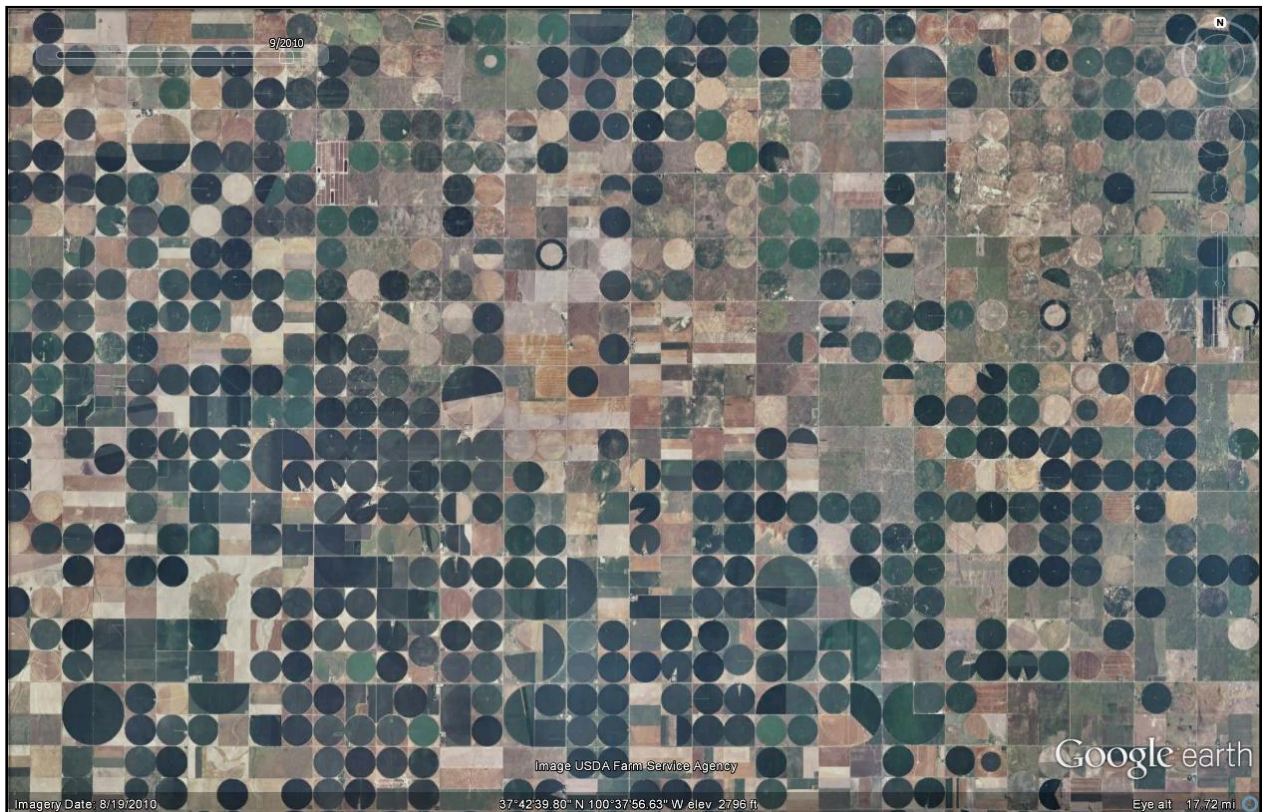


# Kansas

## Irrigation Water Use

### 2010



**Kansas Department of  
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Division of Water Resources  
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***Equal Opportunity Employers***

# 2010 KANSAS IRRIGATION TABLES

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## INTRODUCTION

The data shown in this publication were prepared using information from Irrigation Water Use Reports submitted to the Kansas Department of Agriculture, Division of Water Resources (DWR), for the 2006 through 2010 calendar years. Annual Water Use Reports are required of all permitted water users as a condition of K.S.A. 82a-732 of the Water Appropriations Act. Each year, Irrigation Water Use Reports are reviewed by DWR to ensure that the information provided is as complete and accurate as possible. Any corrections to the reported information are made through follow-up letters and phone calls. DWR expresses their appreciation to all irrigation water users for completing these annual reports and participating in the follow-up process.

Irrigation is most prevalent in western Kansas where average annual rainfall is less than 20 inches and sufficient groundwater can be pumped to compensate for this lack of moisture. Irrigation water use decreases from western to eastern Kansas, where precipitation is greater and significant aquifers are not present. For many years, the maximum allowable quantities of water allowed for irrigation were 2.0 acre-feet per acre in western Kansas (from the Kansas/Colorado border to the Range 20 West / Range 21 West line), 1.5 acre-feet per acre in central Kansas (from the Range 20 West / Range 21 West line to the Range 5 East / Range 6 East line), and 1.0 acre-feet per acre in eastern Kansas (from the Range 5 East / Range 6 East line to the Kansas / Missouri border). As a result of revised regulations, appropriations of water for irrigation after Sept. 22, 2000 have been based on county-level net irrigation requirements for corn, as determined by the National Resources Conservation Service (NRCS). These county values are shown on p. 68 of the Kansas Water Appropriation Act Rules and Regulations:

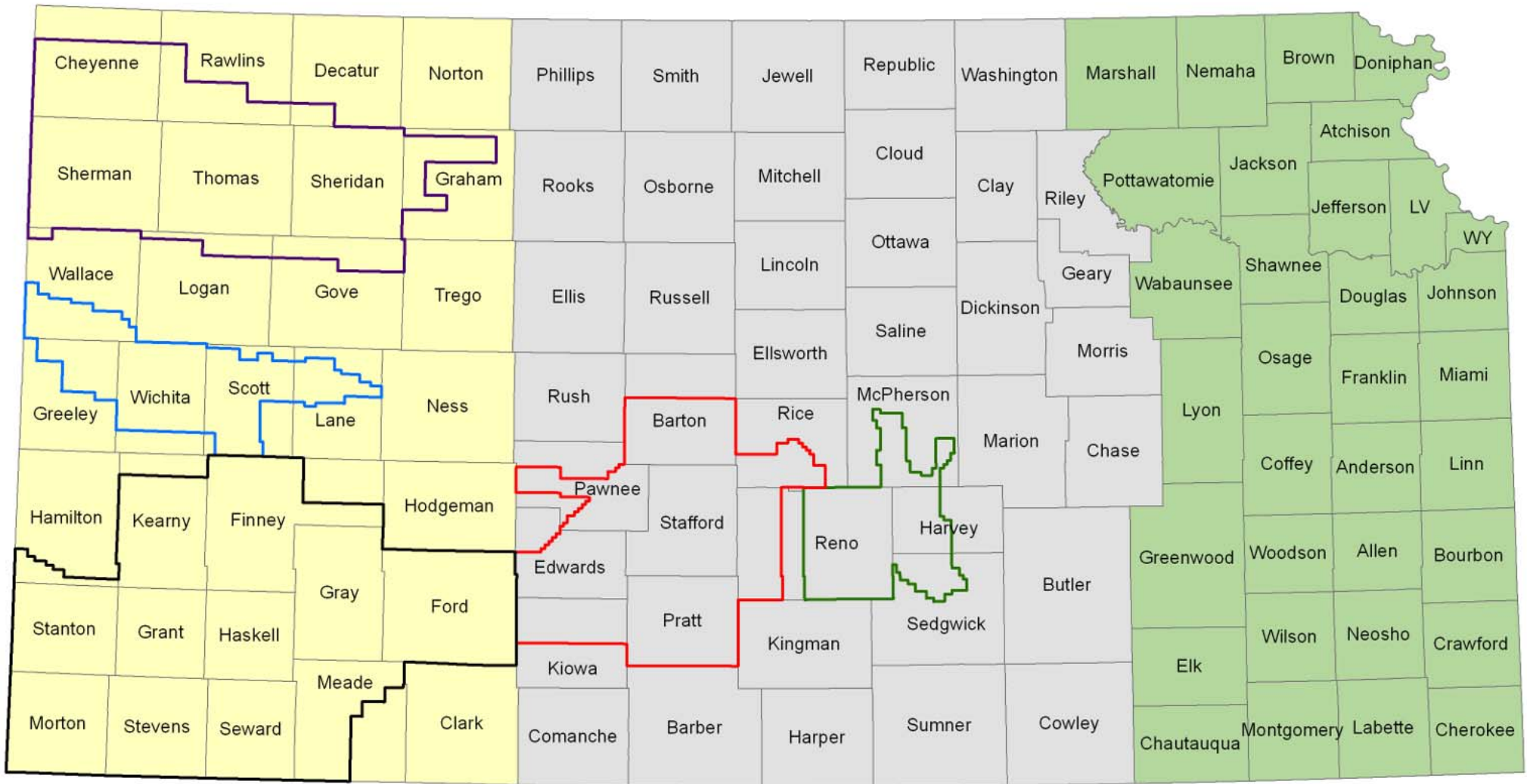
[http://www.ksda.gov/includes/statute\\_regulations/mainportal/KWAA\\_Rules\\_Regs\\_November\\_2010\\_FullVersion.pdf](http://www.ksda.gov/includes/statute_regulations/mainportal/KWAA_Rules_Regs_November_2010_FullVersion.pdf).

Irrigation water use data in this report are shown by county and by region. The three major regions used for analysis are similar to those originally used for allocation of reasonable quantities for irrigation, because those guidelines were in effect when the majority of irrigation water rights were issued. The division between central and eastern Kansas was adjusted to coincide with county boundaries (see figure 1). The western and central regions are further divided to distinguish the 5 Groundwater Management Districts from the remainder of each region.

Several factors should be considered when interpreting the irrigation water use data presented in this report, or when comparing these data to other sources of irrigation information:

- Quantities of water diverted and acres irrigated are as reported by irrigators, with possible corrections after review by DWR staff. Although the law requires accurate reporting, it is impossible to verify every measurement.
- This report compares irrigation water use with irrigated acres to produce application rates by county and by regional location. Water diverted under ditch irrigation water rights in southwest Kansas and by irrigation districts in north-central Kansas cannot be directly associated with irrigated acres in the same county or region of withdrawal, and for this reason these quantities of surface water are not included in the tables of this report.
- While the majority of irrigated lands in Kansas are in crops, some counties may have irrigation water use for golf courses, nurseries, and recreational areas.

Figure 1. Regions Used for Kansas Irrigation Water Use Analyses



Kansas Department of Agriculture  
 Administrative Services, GIS  
 October 20, 2011



Legend

- |                |                       |                         |                         |
|----------------|-----------------------|-------------------------|-------------------------|
| Central Kansas | Western Kansas        | Equus Beds GMD #2       | Northwest Kansas GMD #4 |
| Eastern Kansas | Western Kansas GMD #1 | Southwest Kansas GMD #3 | Big Bend GMD #5         |

**Table 1**  
**SELECTED WATER USE STATISTICS BY REGIONAL LOCATION**  
**KANSAS, 2006-2010**

Regional Location	2010					Acre-feet per acre (AF/A)					
	Total Number of Pd's <sup>a/</sup>	Water Use (AF) <sup>b/</sup>	Acres Irrigated	Use above Regional Standard (AF) <sup>c/</sup>	Percent Above Regional Standard	2006	2007	2008	2009	2010	Average
<b>Western Kansas</b>											
Western KS GMD No. 1	2,505	178,079	201,025	930	0.52%	0.99	0.89	0.99	0.88	0.89	0.93
Southwest KS GMD No. 3	9,731	1,828,072	1,449,200	21,456	1.17%	1.27	1.16	1.31	1.18	1.26	1.24
Northwest KS GMD No. 4	3,446	361,303	378,117	717	0.20%	1.12	1.09	1.05	0.78	0.96	1.00
Remainder of Western KS	2,180	100,173	103,570	845	0.84%	1.05	0.95	0.95	0.84	0.97	0.95
<b>Central Kansas</b>											
Equus Beds GMD No. 2	1,747	115,268	129,488	729	0.63%	1.02	0.79	0.65	0.77	0.89	0.82
Big Bend GMD No. 5	4,447	503,815	455,817	3,819	0.76%	1.11	0.86	0.94	0.98	1.11	1.00
Remainder of Central KS	5,076	147,772	232,667	1,778	1.20%	0.83	0.66	0.52	0.61	0.64	0.65
<b>Eastern Kansas</b>											
All Eastern Kansas	1,472	23,734	69,829	953	4.02%	0.54	0.43	0.30	0.21	0.34	0.36
<b>State Total</b>	<b>30,604</b>	<b>3,258,216</b>	<b>3,019,713</b>	<b>31,227</b>	<b>0.96%</b>	<b>1.14</b>	<b>1.01</b>	<b>1.10</b>	<b>0.99</b>	<b>1.08</b>	<b>1.06</b>

<sup>a/</sup> Total number of active points of diversion includes those that were not used in 2010.

<sup>b/</sup> Water use does not include approximately 154,021 acre-feet of surface water withdrawn in 2010 under ditch irrigation water rights in southwest Kansas and by irrigation districts in north-central Kansas. These amounts are not included in any of the tables.

<sup>c/</sup> Regional standards used for comparison are those that apply to the majority of appropriations for irrigation water use (see figure 1).

**Table 2**  
**IRRIGATION WATER USE, ACRES IRRIGATED, AND AVERAGE APPLICATION RATE**  
**BY COUNTY, KANSAS, 2006-2010**

County	2010		Average acre-foot per acre (AF/A)					
	Water Use (AF)	Acres Irrigated	2006	2007	2008	2009	2010	Average
Allen	86	240	0.38	0.00	0.13	0.42	0.36	0.26
Anderson	652	2,060	0.49	0.57	0.21	0.33	0.32	0.38
Atchison	79	292	0.47	0.42	0.17	0.29	0.27	0.32
Barber	4,494	4,504	1.15	0.79	0.80	0.95	1.00	0.94
Barton	35,269	36,044	1.01	0.87	0.68	0.85	0.98	0.88
Bourbon	0	0	0.17	0.13	0.00	0.00	0.00	0.06
Brown	892	2,497	0.40	0.42	0.41	0.27	0.36	0.37
Butler	1,113	1,922	0.56	0.35	0.46	0.62	0.58	0.51
Chase	0	11	0.85	1.10	0.34	0.03	0.03	0.47
Chautauqua	0	0	0.16	0.00	0.00	0.00	0.00	0.03
Cherokee	224	601	0.48	0.16	0.13	0.30	0.37	0.29
Cheyenne	46,317	46,212	1.23	1.26	1.22	0.90	1.00	1.12
Clark	4,261	4,531	1.26	1.09	0.93	0.76	0.94	1.00
Clay	8,025	22,710	0.72	0.66	0.47	0.45	0.35	0.53
Cloud	9,979	23,319	0.70	0.57	0.40	0.56	0.43	0.53
Coffey	230	787	0.53	0.32	0.19	0.27	0.29	0.32
Comanche	8,286	7,022	1.22	1.06	1.01	1.09	1.18	1.11
Cowley	1,627	2,870	0.66	0.36	0.44	0.51	0.57	0.51
Crawford	557	2,073	0.30	0.28	0.19	0.21	0.27	0.25
Decatur	8,907	10,515	1.09	0.99	0.97	0.75	0.85	0.93
Dickinson	2,367	4,657	0.81	0.70	0.52	0.49	0.51	0.61
Doniphan	12	187	0.25	0.29	0.16	0.15	0.06	0.18
Douglas	968	2,434	0.69	0.48	0.40	0.18	0.40	0.43
Edwards	109,536	98,921	1.17	0.92	1.10	1.03	1.11	1.07
Elk	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Ellis	1,512	1,693	0.99	0.62	0.69	0.81	0.89	0.80
Ellsworth	137	281	0.96	0.47	0.19	0.22	0.49	0.47
Finney	293,008	216,743	1.33	1.18	1.33	1.17	1.35	1.27
Ford	90,272	84,966	1.14	0.95	1.13	1.08	1.06	1.07
Franklin	803	938	0.76	0.68	0.69	0.67	0.86	0.73
Geary	2,244	4,522	0.76	0.47	0.42	0.47	0.50	0.52
Gove	18,156	20,063	0.93	0.84	0.84	0.73	0.90	0.85
Graham	14,760	14,275	0.94	0.83	0.69	0.68	1.03	0.83
Grant	137,671	104,136	1.25	1.11	1.31	1.19	1.32	1.24
Gray	206,315	171,001	1.25	1.10	1.21	1.12	1.21	1.18
Greeley	18,988	21,587	1.01	0.98	1.00	0.97	0.88	0.97
Greenwood	40	93	0.82	0.69	1.00	0.50	0.43	0.69
Hamilton	38,450	28,797	1.25	1.17	1.25	1.13	1.34	1.23
Harper	1,743	2,207	1.10	0.71	0.60	0.51	0.79	0.74
Harvey	31,957	35,922	1.02	0.79	0.67	0.73	0.89	0.82
Haskell	216,543	185,189	1.19	1.06	1.18	1.05	1.17	1.13
Hodgeman	23,760	25,599	1.00	0.81	0.96	0.81	0.93	0.90
Jackson	117	304	0.38	0.41	0.36	0.58	0.39	0.42
Jefferson	1,442	4,790	0.58	0.51	0.34	0.12	0.30	0.37
Jewell	1,895	3,609	0.68	0.49	0.30	0.42	0.53	0.48
Johnson	2,660	3,761	0.81	0.76	0.53	0.45	0.71	0.65



**Table 2**  
**IRRIGATION WATER USE, ACRES IRRIGATED, AND AVERAGE APPLICATION RATE**  
**BY COUNTY, KANSAS, 2006-2010**

County	2010		Average acre-foot per acre (AF/A)					
	Water Use (AF)	Acres Irrigated	2006	2007	2008	2009	2010	Average
Kearny	143,998	99,565	1.48	1.41	1.57	1.28	1.45	1.44
Kingman	17,431	15,690	1.09	0.95	0.78	1.01	1.11	0.99
Kiowa	64,474	53,362	1.25	1.01	1.15	1.11	1.21	1.15
Labette	342	933	0.23	0.22	0.11	0.21	0.37	0.23
Lane	15,864	17,946	1.02	0.75	1.01	0.93	0.88	0.92
Leavenworth	480	1,634	0.47	0.54	0.32	0.17	0.29	0.36
Lincoln	381	1,372	0.59	0.25	0.12	0.27	0.28	0.30
Linn	131	193	0.94	0.55	0.51	0.24	0.68	0.58
Logan	6,082	8,390	0.91	0.87	0.91	0.53	0.72	0.79
Lyon	79	253	0.30	0.49	0.27	0.35	0.31	0.34
Marion	1,241	2,683	0.73	0.55	0.39	0.32	0.46	0.49
Marshall	1,185	2,536	0.60	0.53	0.38	0.38	0.47	0.47
McPherson	25,101	34,490	0.99	0.67	0.58	0.68	0.73	0.73
Meade	168,335	124,472	1.40	1.31	1.41	1.34	1.35	1.36
Miami	127	301	0.40	0.33	0.18	0.19	0.42	0.30
Mitchell	4,915	6,684	0.92	0.72	0.54	0.87	0.74	0.76
Montgomery	200	1,055	0.25	0.26	0.20	0.29	0.19	0.24
Morris	102	162	0.74	0.33	0.46	0.18	0.63	0.47
Morton	50,647	46,191	0.90	0.91	1.15	1.03	1.10	1.02
Nemaha	149	228	0.23	0.20	1.34	0.39	0.65	0.56
Neosho	57	124	0.61	0.69	0.71	0.37	0.46	0.57
Ness	3,441	3,998	1.05	0.65	0.95	0.92	0.86	0.89
Norton	9,682	11,377	0.97	0.88	0.82	0.68	0.85	0.84
Osage	90	324	0.41	0.25	0.14	0.22	0.28	0.26
Osborne	1,231	2,625	0.86	0.70	0.58	0.84	0.47	0.69
Ottawa	1,715	4,462	0.52	0.57	0.32	0.43	0.38	0.44
Pawnee	76,824	75,566	0.94	0.74	0.78	0.84	1.02	0.86
Phillips	5,077	7,399	0.85	0.69	0.73	0.72	0.69	0.74
Pottawatomie	3,860	15,624	0.55	0.34	0.22	0.13	0.25	0.30
Pratt	95,122	85,343	1.09	0.79	1.02	1.10	1.11	1.02
Rawlins	14,799	17,977	1.02	0.90	0.89	0.70	0.82	0.87
Reno	54,587	53,935	1.07	0.88	0.70	0.89	1.01	0.91
Republic	18,184	30,719	0.75	0.69	0.47	0.58	0.59	0.62
Rice	21,666	22,537	1.13	0.75	0.61	0.72	0.96	0.83
Riley	1,552	5,058	0.64	0.39	0.22	0.17	0.31	0.35
Rooks	1,135	1,830	0.80	0.41	0.36	0.43	0.62	0.52
Rush	8,717	10,614	0.88	0.72	0.60	0.83	0.82	0.77
Russell	69	171	0.57	10.55	0.15	0.36	0.41	2.41
Saline	3,020	4,570	0.76	0.66	0.39	0.38	0.66	0.57
Scott	42,529	49,232	0.96	0.88	0.98	0.88	0.86	0.91
Sedgwick	35,426	41,679	0.97	0.75	0.60	0.68	0.85	0.77
Seward	164,186	126,405	1.32	1.28	1.41	1.25	1.30	1.31
Shawnee	5,221	15,857	0.52	0.42	0.32	0.12	0.33	0.34
Sheridan	78,538	77,745	1.05	1.05	0.98	0.76	1.01	0.97
Sherman	108,493	111,934	1.13	1.15	1.15	0.87	0.97	1.05
Smith	1,129	2,597	0.75	0.46	0.39	0.50	0.43	0.51



**Table 2**  
**IRRIGATION WATER USE, ACRES IRRIGATED, AND AVERAGE APPLICATION RATE**  
**BY COUNTY, KANSAS, 2006-2010**

County	2010		Average acre-foot per acre (AF/A)					
	Water Use (AF)	Acres Irrigated	2006	2007	2008	2009	2010	Average
Stafford	97,007	82,881	1.14	0.89	0.89	0.94	1.17	1.01
Stanton	124,993	106,754	1.20	1.06	1.20	1.12	1.17	1.15
Stevens	218,268	172,667	1.30	1.21	1.41	1.30	1.26	1.30
Sumner	7,168	10,264	0.86	0.56	0.32	0.43	0.70	0.57
Thomas	88,748	99,511	1.20	1.05	1.01	0.68	0.89	0.97
Trego	5,886	5,746	1.05	1.02	0.83	0.83	1.02	0.95
Wabaunsee	2,436	7,783	0.54	0.34	0.21	0.13	0.31	0.31
Wallace	49,492	52,234	1.08	1.01	1.03	0.90	0.95	0.99
Washington	3,396	11,065	0.62	0.45	0.32	0.42	0.31	0.42
Wichita	56,239	66,154	0.93	0.81	0.95	0.82	0.85	0.87
Wilson	279	1,193	0.39	0.32	0.33	0.26	0.23	0.31
Woodson	48	114	0.00	0.00	0.00	0.00	0.42	0.08
Wyandotte	287	620	0.92	0.75	0.59	0.48	0.46	0.64
<b>Total</b>	<b>3,258,216</b>	<b>3,019,713</b>	<b>1.14</b>	<b>1.01</b>	<b>1.10</b>	<b>0.99</b>	<b>1.08</b>	<b>1.06</b>

**TABLE 3  
COMPARISON OF WATER USE AND ACRES IRRIGATED BY METER STATUS AND REGIONAL LOCATION  
KANSAS, 2010**

Regional Location	Metered				Not Metered				Combined <sup>a/</sup>	Total No. of Pd's	Percent Metered <sup>b/</sup>
	No. of Pd's	Water Use (AF)	Acres Irrigated	AF/A	No. of Pd's	Water Use (AF)	Acres Irrigated	AF/A	No. of Pd's		
<b>Western Kansas</b>											
Western KS GMD No. 1	1,107	126,063	141,296	0.89	547	52,016	59,729	0.87	19	1,673	67%
Southwest KS GMD No. 3	7,680	1,797,298	1,421,758	1.26	169	30,775	27,442	1.12	150	7,999	98%
Northwest KS GMD No. 4	3,007	358,252	375,160	0.95	32	3,051	2,957	1.03	86	3,125	99%
Remainder of Western KS	1,208	93,240	97,773	0.95	70	6,933	5,797	1.20	241	1,519	95%
<b>Central Kansas</b>											
Equus Beds GMD No. 2	997	90,545	102,382	0.88	292	24,723	27,106	0.91	294	1,583	77%
Big Bend GMD No. 5	3,639	487,570	441,752	1.10	121	16,245	14,065	1.15	397	4,157	97%
Remainder of Central KS	2,429	135,273	210,969	0.64	253	12,499	21,698	0.58	689	3,371	91%
<b>Eastern Kansas</b>											
All Eastern Kansas	555	18,588	55,040	0.34	198	5,146	14,789	0.35	111	864	74%
<b>State Total</b>	<b>20,622</b>	<b>3,106,829</b>	<b>2,846,130</b>	<b>1.09</b>	<b>1,682</b>	<b>151,388</b>	<b>173,583</b>	<b>0.87</b>	<b>1,987</b>	<b>24,291</b>	<b>92%</b>

<sup>a/</sup> Water use and acres irrigated from combined points of diversion are included with either metered or not metered points of diversion.

<sup>b/</sup> Percent metered is the number of metered pd's divided by the total number of pd's excluding combined.

**TABLE 4**  
**WATER USE, ACRES IRRIGATED, AND AVERAGE APPLICATION RATE BY CROP AND REGIONAL LOCATION**  
**KANSAS, 2010**

Regional Location	Alfalfa			Corn			Grain Sorghum			Soybeans			Wheat			Other or Multiple Crops		
	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A
<b>Western Kansas</b>																		
GMD No. 1	1,960	1,727	1.14	55,393	51,111	1.08	637	1,483	0.43	774	831	0.93	2,901	6,566	0.44	116,414	139,307	0.84
GMD No. 3	169,819	101,818	1.67	680,099	453,110	1.50	7,605	8,700	0.87	34,111	25,297	1.35	38,520	49,166	0.78	897,918	811,109	1.11
GMD No. 4	5,137	5,468	0.94	215,266	199,993	1.08	1,467	1,812	0.81	21,833	21,760	1.00	2,391	7,035	0.34	115,208	142,049	0.81
Remainder	11,530	9,585	1.20	36,372	35,190	1.03	1,522	1,620	0.94	5,573	5,587	1.00	2,181	3,540	0.62	42,996	48,048	0.89
<b>Central Kansas</b>																		
GMD No. 2	968	1,358	0.71	40,238	44,009	0.91	409	757	0.54	33,502	37,272	0.90	445	986	0.45	39,706	45,106	0.88
GMD No. 5	19,918	19,560	1.02	253,010	218,025	1.16	2,561	2,829	0.91	109,207	96,281	1.13	5,351	8,518	0.63	113,768	110,604	1.03
Remainder	3,599	6,085	0.59	51,418	75,827	0.68	2,173	3,263	0.67	32,977	54,796	0.60	628	1,642	0.38	56,977	91,054	0.63
<b>Eastern Kansas</b>																		
All Eastern KS	42	101	0.42	7,523	26,706	0.28	0	0	0.00	6,054	18,709	0.32	0	0	0.00	10,114	24,313	0.42
<b>State Total</b>	<b>212,973</b>	<b>145,702</b>	<b>1.46</b>	<b>1,339,319</b>	<b>1,103,971</b>	<b>1.21</b>	<b>16,374</b>	<b>20,464</b>	<b>0.80</b>	<b>244,031</b>	<b>260,533</b>	<b>0.94</b>	<b>52,417</b>	<b>77,453</b>	<b>0.68</b>	<b>1,393,101</b>	<b>1,411,590</b>	<b>0.99</b>

**TABLE 5**  
**WATER USE, ACRES IRRIGATED, AND AVERAGE APPLICATION RATE BY CROP AND COUNTY**  
**KANSAS, 2010**

County	Alfalfa			Corn			Grain Sorghum			Soybeans			Wheat			Other or Multiple Crops		
	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A
Allen	0	0	0.00	18	135	0.13	0	0	0.00	68	105	0.65	0	0	0.00	0	0	0.00
Anderson	0	0	0.00	111	366	0.30	0	0	0.00	157	374	0.42	0	0	0.00	384	1,320	0.29
Atchison	0	0	0.00	0	0	0.00	0	0	0.00	28	206	0.14	0	0	0.00	51	86	0.59
Barber	132	104	1.27	2,372	2,082	1.14	9	45	0.21	630	519	1.21	36	60	0.60	1,315	1,694	0.78
Barton	1,152	1,565	0.74	15,621	15,098	1.03	666	716	0.93	8,152	7,858	1.04	482	787	0.61	9,197	10,020	0.92
Bourbon	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Brown	0	0	0.00	475	1,357	0.35	0	0	0.00	45	227	0.20	0	0	0.00	372	913	0.41
Butler	0	0	0.00	365	685	0.53	0	0	0.00	269	607	0.44	0	0	0.00	479	630	0.76
Chase	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	11	0.03
Chautauqua	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Cherokee	0	0	0.00	160	361	0.44	0	0	0.00	58	225	0.26	0	0	0.00	7	15	0.47
Cheyenne	1,794	1,660	1.08	29,333	26,641	1.10	328	340	0.96	3,541	3,470	1.02	393	1,342	0.29	10,927	12,759	0.86
Clark	429	310	1.39	638	528	1.21	9	18	0.52	0	0	0.00	95	92	1.03	3,089	3,583	0.86
Clay	0	0	0.00	2,748	7,179	0.38	0	0	0.00	1,814	5,418	0.33	0	0	0.00	3,464	10,113	0.34
Cloud	48	190	0.25	2,517	5,796	0.43	17	54	0.32	2,098	5,256	0.40	5	67	0.07	5,294	11,956	0.44
Coffey	0	0	0.00	25	171	0.15	0	0	0.00	68	155	0.44	0	0	0.00	136	461	0.30
Comanche	405	435	0.93	2,365	1,808	1.31	303	253	1.20	1,021	651	1.57	215	357	0.60	3,977	3,518	1.13
Cowley	0	0	0.00	315	755	0.42	0	0	0.00	667	1,250	0.53	0	0	0.00	645	865	0.75
Crawford	0	0	0.00	304	786	0.39	0	0	0.00	35	338	0.10	0	0	0.00	218	949	0.23
Decatur	762	1,011	0.75	5,829	6,576	0.89	0	0	0.00	587	626	0.94	22	277	0.08	1,707	2,025	0.84
Dickinson	0	0	0.00	676	986	0.69	4	20	0.19	435	819	0.53	0	0	0.00	1,253	2,832	0.44
Doniphan	0	0	0.00	0	0	0.00	0	0	0.00	2	85	0.02	0	0	0.00	10	102	0.10
Douglas	0	0	0.00	213	450	0.47	0	0	0.00	330	1,139	0.29	0	0	0.00	424	845	0.50
Edwards	5,172	4,929	1.05	60,025	51,516	1.17	374	420	0.89	24,841	21,631	1.15	743	1,221	0.61	18,381	19,204	0.96
Elk	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Ellis	332	307	1.08	435	491	0.89	154	177	0.87	95	153	0.62	16	43	0.37	479	522	0.92
Ellsworth	47	100	0.47	23	76	0.30	0	0	0.00	21	12	1.75	0	0	0.00	46	93	0.49
Finney	64,542	40,759	1.58	92,658	56,651	1.64	1,589	2,109	0.75	8,362	5,314	1.57	8,875	9,317	0.95	116,983	102,593	1.14
Ford	6,327	4,119	1.54	45,823	36,108	1.27	440	582	0.76	6,984	5,432	1.29	768	3,159	0.24	29,930	35,566	0.84
Franklin	0	0	0.00	28	150	0.19	0	0	0.00	15	140	0.11	0	0	0.00	759	648	1.17
Geary	22	80	0.28	442	1,282	0.34	0	0	0.00	447	1,231	0.36	0	0	0.00	1,332	1,929	0.69
Gove	379	332	1.14	10,385	10,443	0.99	225	321	0.70	183	218	0.84	131	411	0.32	6,853	8,338	0.82
Graham	371	510	0.73	7,728	7,179	1.08	273	258	1.06	1,943	1,752	1.11	0	0	0.00	4,445	4,576	0.97
Grant	3,136	1,846	1.70	36,697	21,539	1.70	597	486	1.23	133	225	0.59	2,626	4,431	0.59	94,482	75,609	1.25
Gray	29,490	18,598	1.59	90,453	59,443	1.52	2,340	2,615	0.89	6,159	4,935	1.25	6,416	9,342	0.69	71,457	76,068	0.94
Greeley	414	244	1.70	7,576	7,434	1.02	0	0	0.00	0	0	0.00	1,135	1,456	0.78	9,863	12,453	0.79
Greenwood	0	0	0.00	0	0	0.00	0	0	0.00	11	42	0.26	0	0	0.00	29	51	0.57
Hamilton	7,309	4,888	1.50	10,454	7,079	1.48	556	672	0.83	0	0	0.00	1,360	1,131	1.20	18,771	15,027	1.25
Harper	98	156	0.63	611	754	0.81	0	0	0.00	587	622	0.94	6	25	0.24	441	650	0.68
Harvey	31	168	0.18	10,504	11,502	0.91	119	205	0.58	8,704	10,066	0.86	104	244	0.43	12,494	13,737	0.91
Haskell	9,588	5,089	1.88	81,721	53,505	1.53	344	574	0.60	3,265	2,616	1.25	1,422	2,303	0.62	120,202	121,102	0.99

**TABLE 5**  
**WATER USE, ACRES IRRIGATED, AND AVERAGE APPLICATION RATE BY CROP AND COUNTY**  
**KANSAS, 2010**

County	Alfalfa			Corn			Grain Sorghum			Soybeans			Wheat			Other or Multiple Crops		
	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A
Hodgeman	570	530	1.07	8,656	8,674	1.00	241	275	0.87	413	431	0.96	226	699	0.32	13,655	14,990	0.91
Jackson	0	0	0.00	0	2	0.03	0	0	0.00	13	50	0.25	0	0	0.00	105	252	0.41
Jefferson	0	0	0.00	581	1,824	0.32	0	0	0.00	357	1,313	0.27	0	0	0.00	505	1,653	0.31
Jewell	54	136	0.39	928	1,980	0.47	49	135	0.36	420	656	0.64	0	0	0.00	445	702	0.63
Johnson	0	0	0.00	10	100	0.10	0	0	0.00	101	132	0.76	0	0	0.00	2,549	3,529	0.72
Kearny	46,884	24,790	1.89	46,644	30,028	1.55	584	511	1.14	1,697	1,297	1.31	4,149	3,765	1.10	44,040	39,174	1.12
Kingman	0	0	0.00	7,275	6,362	1.14	176	352	0.50	4,253	3,506	1.21	102	388	0.26	5,625	5,082	1.11
Kiowa	2,703	2,338	1.16	30,414	23,803	1.28	205	235	0.87	16,237	13,013	1.25	600	762	0.79	14,315	13,211	1.08
Labette	0	0	0.00	57	275	0.21	0	0	0.00	0	0	0.00	0	0	0.00	285	658	0.43
Lane	113	123	0.92	3,762	3,173	1.19	228	344	0.66	170	199	0.85	419	822	0.51	11,172	13,285	0.84
Leavenworth	0	0	0.00	74	687	0.11	0	0	0.00	75	373	0.20	0	0	0.00	332	574	0.58
Lincoln	0	0	0.00	113	165	0.68	0	0	0.00	0	0	0.00	0	0	0.00	268	1,207	0.22
Linn	0	0	0.00	38	108	0.35	0	0	0.00	0	0	0.00	0	0	0.00	92	85	1.09
Logan	1	23	0.04	2,553	2,521	1.01	3	82	0.04	161	189	0.85	113	583	0.19	3,250	4,992	0.65
Lyon	0	0	0.00	0	0	0.00	0	0	0.00	46	181	0.25	0	0	0.00	33	72	0.46
Marion	26	70	0.38	294	692	0.42	46	58	0.79	534	1,139	0.47	0	0	0.00	341	724	0.47
Marshall	0	0	0.00	597	1,204	0.50	0	0	0.00	384	815	0.47	0	0	0.00	204	517	0.39
McPherson	44	262	0.17	8,573	11,357	0.75	170	273	0.62	5,463	7,700	0.71	0	20	0.02	10,851	14,878	0.73
Meade	980	965	1.02	79,763	51,748	1.54	315	319	0.99	3,455	2,535	1.36	2,790	2,764	1.01	81,031	66,141	1.23
Miami	0	0	0.00	9	120	0.08	0	0	0.00	0	0	0.00	0	0	0.00	118	181	0.65
Mitchell	140	350	0.40	2,852	3,776	0.76	9	10	0.90	768	1,202	0.64	0	0	0.00	1,146	1,346	0.85
Montgomery	0	0	0.00	14	165	0.08	0	0	0.00	0	0	0.00	0	0	0.00	186	890	0.21
Morris	0	0	0.00	1	40	0.03	0	0	0.00	55	74	0.74	0	0	0.00	46	48	0.97
Morton	0	0	0.00	13,045	9,620	1.36	26	120	0.22	0	0	0.00	2,117	4,129	0.51	35,459	32,322	1.10
Nemaha	0	0	0.00	7	68	0.10	0	0	0.00	0	0	0.00	0	0	0.00	142	160	0.89
Neosho	0	0	0.00	0	0	0.00	0	0	0.00	28	84	0.33	0	0	0.00	29	40	0.72
Ness	6	12	0.52	1,500	1,203	1.25	90	120	0.75	0	0	0.00	138	204	0.67	1,706	2,459	0.69
Norton	223	302	0.74	4,410	5,066	0.87	0	0	0.00	2,193	2,220	0.99	0	0	0.00	2,856	3,789	0.75
Osage	0	0	0.00	44	234	0.19	0	0	0.00	0	0	0.00	0	0	0.00	46	90	0.52
Osborne	30	110	0.27	265	487	0.54	13	72	0.18	345	769	0.45	0	0	0.00	578	1,187	0.49
Ottawa	0	5	0.02	331	829	0.40	14	12	1.17	540	1,349	0.40	0	0	0.00	830	2,267	0.37
Pawnee	4,914	4,899	1.00	29,849	26,544	1.12	557	721	0.77	13,038	12,535	1.04	1,892	3,451	0.55	26,574	27,416	0.97
Phillips	47	131	0.36	3,013	4,144	0.73	0	0	0.00	681	887	0.77	0	0	0.00	1,336	2,237	0.60
Pottawatomie	0	0	0.00	1,268	5,617	0.23	0	0	0.00	1,546	4,954	0.31	0	0	0.00	1,045	5,053	0.21
Pratt	3,432	3,418	1.00	55,146	46,755	1.18	525	505	1.04	16,143	14,435	1.12	426	614	0.69	19,450	19,616	0.99
Rawlins	1,545	1,959	0.79	7,900	8,234	0.96	126	269	0.47	1,213	1,636	0.74	80	245	0.33	3,934	5,634	0.70
Reno	936	985	0.95	21,781	20,446	1.07	246	457	0.54	17,774	16,769	1.06	444	658	0.67	13,407	14,620	0.92
Republic	652	1,565	0.42	6,445	10,510	0.61	0	0	0.00	3,711	6,450	0.58	49	172	0.28	7,327	12,022	0.61
Rice	299	261	1.14	10,971	11,279	0.97	39	65	0.60	5,898	6,463	0.91	0	0	0.00	4,459	4,469	1.00
Riley	11	148	0.07	571	2,054	0.28	35	125	0.28	519	1,308	0.40	0	0	0.00	417	1,423	0.29

**TABLE 5**  
**WATER USE, ACRES IRRIGATED, AND AVERAGE APPLICATION RATE BY CROP AND COUNTY**  
**KANSAS, 2010**

County	Alfalfa			Corn			Grain Sorghum			Soybeans			Wheat			Other or Multiple Crops		
	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A
Rooks	224	361	0.62	78	125	0.62	56	128	0.44	213	439	0.49	0	0	0.00	564	777	0.73
Rush	628	660	0.95	1,572	1,927	0.82	757	987	0.77	1,221	1,462	0.83	0	0	0.00	4,539	5,578	0.81
Russell	56	150	0.37	9	15	0.58	0	0	0.00	0	0	0.00	0	0	0.00	5	6	0.80
Saline	201	309	0.65	237	368	0.64	26	52	0.51	983	1,579	0.62	0	0	0.00	1,573	2,262	0.70
Scott	783	809	0.97	11,773	11,296	1.04	277	256	1.08	604	632	0.96	227	501	0.45	28,866	35,738	0.81
Sedgwick	129	203	0.64	13,211	15,251	0.87	167	329	0.51	9,848	12,687	0.78	253	522	0.48	11,818	12,687	0.93
Seward	4,571	2,805	1.63	54,898	36,596	1.50	361	200	1.81	3,326	2,423	1.37	3,790	3,713	1.02	97,241	80,668	1.21
Shawnee	33	35	0.95	2,350	8,327	0.28	0	0	0.00	1,604	4,275	0.38	0	0	0.00	1,234	3,220	0.38
Sheridan	758	777	0.98	40,789	38,452	1.06	619	524	1.18	7,613	7,181	1.06	371	694	0.54	28,387	30,117	0.94
Sherman	1,902	2,122	0.90	70,941	62,363	1.14	291	472	0.62	3,019	2,704	1.12	918	2,834	0.32	31,423	41,439	0.76
Smith	40	91	0.44	451	1,190	0.38	34	51	0.67	197	312	0.63	7	131	0.05	401	822	0.49
Stafford	2,480	2,517	0.99	46,794	39,586	1.18	372	392	0.95	23,314	19,620	1.19	1,044	1,624	0.64	23,004	19,142	1.20
Stanton	0	0	0.00	35,570	24,268	1.47	351	480	0.73	0	0	0.00	1,481	2,077	0.71	87,591	79,929	1.10
Stevens	3,613	2,352	1.54	99,591	70,799	1.41	501	407	1.23	792	610	1.30	4,061	4,429	0.92	109,710	94,070	1.17
Sumner	0	0	0.00	3,107	4,062	0.77	0	0	0.00	2,787	4,526	0.62	0	0	0.00	1,274	1,676	0.76
Thomas	536	473	1.13	50,354	49,452	1.02	0	0	0.00	5,049	5,590	0.90	618	1,494	0.41	32,191	42,502	0.76
Trego	701	552	1.27	1,805	1,989	0.91	331	346	0.96	1,428	1,240	1.15	0	0	0.00	1,621	1,619	1.00
Wabaunsee	9	66	0.14	1,023	3,731	0.27	0	0	0.00	797	2,346	0.34	0	0	0.00	607	1,640	0.37
Wallace	69	87	0.79	24,437	22,195	1.10	5	240	0.02	0	0	0.00	553	2,253	0.25	24,428	27,459	0.89
Washington	0	0	0.00	1,366	4,104	0.33	0	0	0.00	967	3,376	0.29	0	0	0.00	1,062	3,585	0.30
Wichita	649	551	1.18	9,445	8,601	1.10	180	675	0.27	0	0	0.00	698	1,840	0.38	45,266	54,487	0.83
Wilson	0	0	0.00	116	468	0.25	0	0	0.00	131	616	0.21	0	0	0.00	33	109	0.30
Woodson	0	0	0.00	0	0	0.00	0	0	0.00	48	114	0.42	0	0	0.00	0	0	0.00
Wyandotte	0	0	0.00	0	0	0.00	0	0	0.00	107	420	0.25	0	0	0.00	180	200	0.90
<b>State Total</b>	<b>212,972</b>	<b>145,702</b>	<b>1.46</b>	<b>1,339,319</b>	<b>1,103,971</b>	<b>1.21</b>	<b>16,372</b>	<b>20,464</b>	<b>0.80</b>	<b>244,034</b>	<b>260,533</b>	<b>0.94</b>	<b>52,416</b>	<b>77,453</b>	<b>0.68</b>	<b>1,393,103</b>	<b>1,411,590</b>	<b>0.99</b>

**TABLE 6**  
**ESTIMATED NUMBER OF ACRES IRRIGATED BY CROP AND REGIONAL LOCATION <sup>a/</sup>**  
**KANSAS, 2010**

<b>Regional Location</b>	<b>Alfalfa</b>	<b>Corn</b>	<b>Grain Sorghum</b>	<b>Soybeans</b>	<b>Wheat</b>	<b>Other or Multiple Crops</b>	<b>Total</b>
<b>Western Kansas</b>							
GMD No. 1	3,326	112,835	6,017	4,508	62,518	11,821	201,025
GMD No. 3	137,292	763,885	67,254	86,759	343,949	50,060	1,449,200
GMD No. 4	9,777	257,857	3,332	53,991	28,736	24,423	378,117
Remainder	15,534	49,413	5,791	11,013	15,822	5,996	103,570
<b>Central Kansas</b>							
GMD No. 2	2,608	60,310	2,127	55,183	5,426	3,833	129,488
GMD No. 5	24,999	249,233	7,686	128,461	32,308	13,130	455,817
Remainder	9,595	108,765	6,252	88,968	8,748	10,339	232,667
<b>Eastern Kansas</b>							
All Eastern KS	319	35,117	0	26,816	345	7,232	69,829
<b>State Total</b>	<b>203,450</b>	<b>1,637,415</b>	<b>98,459</b>	<b>455,699</b>	<b>497,852</b>	<b>126,834</b>	<b>3,019,713</b>

<sup>a/</sup> The estimated number of acres of each type of crop was determined by adding single-crop acreages to prorated multiple-crop acreages. Figures may not add to totals due to independent rounding.



**TABLE 7**  
**ESTIMATED NUMBER OF ACRES IRRIGATED BY CROP AND COUNTY <sup>a/</sup>**  
**KANSAS, 2010**

<b>County</b>	<b>Alfalfa</b>	<b>Corn</b>	<b>Grain Sorghum</b>	<b>Soybeans</b>	<b>Wheat</b>	<b>Other Crops</b>	<b>Total</b>
Allen	0	135	0	105	0	0	240
Anderson	0	996	0	1,034	0	30	2,060
Atchison	0	0	0	206	0	86	292
Barber	104	2,248	45	969	168	970	4,504
Barton	2,073	18,687	1,295	11,125	1,755	1,109	36,044
Bourbon	0	0	0	0	0	0	0
Brown	0	1,802	0	672	0	24	2,497
Butler	0	749	0	671	0	502	1,922
Chase	0	0	0	0	0	11	11
Chautauqua	0	0	0	0	0	0	0
Cherokee	0	361	0	225	0	15	601
Cheyenne	3,166	30,602	698	5,425	3,475	2,846	46,212
Clark	1,096	1,020	654	0	1,447	315	4,531
Clay	191	11,651	0	10,137	599	132	22,710
Cloud	571	10,675	970	10,341	406	356	23,319
Coffey	0	394	0	378	0	15	787
Comanche	1,324	2,412	253	651	1,317	1,065	7,022
Cowley	0	927	0	1,425	170	349	2,870
Crawford	0	1,216	0	768	0	90	2,073
Decatur	1,669	7,361	44	686	447	307	10,515
Dickinson	121	2,136	103	2,111	98	88	4,657
Doniphan	0	45	0	130	0	12	187
Douglas	0	663	0	1,472	0	300	2,434
Edwards	6,353	58,003	1,166	26,516	4,708	2,176	98,921
Elk	0	0	0	0	0	0	0
Ellis	331	567	253	257	67	219	1,693
Ellsworth	100	123	47	12	0	0	281
Finney	47,829	98,487	4,180	11,358	49,645	5,244	216,743
Ford	4,535	47,619	5,189	12,271	13,088	2,264	84,966
Franklin	0	447	0	220	0	271	938
Geary	211	2,010	0	1,916	214	172	4,522
Gove	434	13,571	815	1,622	3,023	598	20,063
Graham	782	8,788	646	2,967	753	340	14,275
Grant	4,521	52,080	5,665	1,275	37,169	3,426	104,136
Gray	20,446	88,440	5,981	9,507	39,303	7,324	171,001
Greeley	458	12,476	844	0	5,870	1,938	21,587
Greenwood	0	0	0	42	0	51	93
Hamilton	6,734	10,355	2,871	1,162	6,939	737	28,797
Harper	225	754	0	805	208	215	2,207
Harvey	203	17,570	459	16,411	840	439	35,922
Haskell	13,212	95,773	13,672	16,592	40,949	4,990	185,189
Hodgeman	862	13,648	2,015	1,787	6,140	1,146	25,599
Jackson	0	107	0	155	0	42	304
Jefferson	59	2,531	0	2,031	0	169	4,790
Jewell	167	2,250	135	926	0	132	3,609
Johnson	0	100	0	132	0	3,529	3,761
Kearny	29,967	40,773	2,721	2,818	13,743	9,543	99,565

**TABLE 7**  
**ESTIMATED NUMBER OF ACRES IRRIGATED BY CROP AND COUNTY <sup>a/</sup>**  
**KANSAS, 2010**

<b>County</b>	<b>Alfalfa</b>	<b>Corn</b>	<b>Grain Sorghum</b>	<b>Soybeans</b>	<b>Wheat</b>	<b>Other Crops</b>	<b>Total</b>
Kingman	83	7,332	494	4,774	2,628	379	15,690
Kiowa	2,659	27,526	1,086	15,800	4,744	1,547	53,362
Labette	73	461	0	0	259	140	933
Lane	123	9,362	965	2,612	4,884	0	17,946
Leavenworth	0	770	0	514	0	351	1,634
Lincoln	253	332	0	601	181	5	1,372
Linn	0	108	0	0	0	85	193
Logan	219	4,455	266	374	1,907	1,169	8,390
Lyon	0	0	0	181	0	72	253
Marion	70	933	58	1,314	66	243	2,683
Marshall	0	1,439	0	1,050	0	47	2,536
McPherson	729	17,230	695	14,237	1,071	528	34,490
Meade	4,108	78,785	3,784	9,247	25,384	3,165	124,472
Miami	0	120	0	0	0	181	301
Mitchell	350	4,104	10	1,692	161	367	6,684
Montgomery	0	515	0	350	0	190	1,055
Morris	0	40	0	94	20	8	162
Morton	69	23,208	3,057	0	18,337	1,521	46,191
Nemaha	0	68	0	0	0	160	228
Neosho	0	0	0	84	0	40	124
Ness	488	1,250	658	537	805	259	3,998
Norton	891	6,851	220	3,218	0	197	11,377
Osage	0	234	0	0	0	90	324
Osborne	143	997	110	1,295	25	55	2,625
Ottawa	32	1,695	12	2,328	289	106	4,462
Pawnee	6,753	33,877	2,736	21,364	9,336	1,500	75,566
Phillips	540	5,071	0	1,660	0	129	7,399
Pottawatomie	84	7,919	0	7,207	49	365	15,624
Pratt	3,711	51,552	645	20,699	4,568	4,168	85,343
Rawlins	2,515	10,498	369	2,606	1,019	971	17,977
Reno	1,842	24,079	1,159	21,176	3,977	1,701	53,935
Republic	1,565	16,415	44	12,399	172	125	30,719
Rice	506	12,251	325	7,876	1,196	383	22,537
Riley	148	2,419	152	1,700	0	640	5,058
Rooks	566	230	128	439	347	120	1,830
Rush	930	3,905	1,950	3,247	458	123	10,614
Russell	150	15	0	0	0	6	171
Saline	533	930	245	2,219	118	524	4,570
Scott	1,120	28,320	958	1,258	16,674	902	49,232
Sedgwick	746	18,122	829	15,870	1,651	4,461	41,679
Seward	7,239	66,513	5,152	14,342	29,685	3,474	126,405
Shawnee	35	9,726	0	5,632	0	464	15,857
Sheridan	2,119	51,514	959	18,325	3,099	1,729	77,745
Sherman	2,819	78,698	472	5,154	12,003	12,788	111,934
Smith	126	1,528	80	679	131	54	2,597
Stafford	3,585	44,914	724	24,977	6,714	1,966	82,881

**TABLE 7**  
**ESTIMATED NUMBER OF ACRES IRRIGATED BY CROP AND COUNTY <sup>a/</sup>**  
**KANSAS, 2010**

<b>County</b>	<b>Alfalfa</b>	<b>Corn</b>	<b>Grain Sorghum</b>	<b>Soybeans</b>	<b>Wheat</b>	<b>Other Crops</b>	<b>Total</b>
Stanton	1,673	59,248	9,809	188	34,465	1,370	106,754
Stevens	3,632	108,645	6,957	6,145	39,576	7,712	172,667
Sumner	89	4,540	0	5,025	198	412	10,264
Thomas	1,043	68,011	30	19,253	5,887	5,287	99,511
Trego	655	2,339	346	1,590	345	470	5,746
Wabaunsee	66	4,482	0	3,097	0	138	7,783
Wallace	269	33,864	553	669	11,072	5,807	52,234
Washington	0	5,762	67	5,078	75	84	11,065
Wichita	1,628	31,996	2,872	621	26,191	2,846	66,154
Wilson	0	509	0	657	0	27	1,193
Woodson	0	0	0	114	0	0	114
Wyandotte	0	0	0	420	0	160	580

<sup>a/</sup> The estimated number of acres of each type of crop was determined by adding single-crop acreages to prorated multiple-crop acreages. State totals by crop type not shown on county table due to rounding error. See Table 6 for State totals of estimated acres by crop type.

**TABLE 8**  
**WATER USE , ACRES IRRIGATED, AND AVERAGE APPLICATION RATE BY TYPE OF IRRIGATION SYSTEM BY REGIONAL LOCATION**  
**KANSAS, 2010**

Regional Location	Flood			Center Pivot			Center Pivot with Drop Nozzles			Other Sprinkler			Combination Center Pivot and Flood			Subsurface Drip and Comb. Drip and Other			Other or Unspecified		
	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A
<b>Western Kansas</b>																					
GMD No. 1	14,307	16,743	0.85	10,603	12,932	0.82	138,013	154,328	0.89	287	294	0.98	13,264	15,334	0.87	1,605	1,394	1.15	0	0	0.00
GMD No. 3	36,580	32,501	1.13	205,208	166,836	1.23	1,367,245	1,062,062	1.29	5,562	4,514	1.23	196,358	171,060	1.15	13,197	9,370	1.41	3,922	2,857	1.37
GMD No. 4	3,117	2,507	1.24	29,312	30,484	0.96	314,631	330,497	0.95	907	1,418	0.64	11,029	11,141	0.99	1,849	1,712	1.08	458	358	1.28
Remainder	17,769	15,073	1.18	8,921	10,169	0.88	56,122	61,569	0.91	1,134	1,398	0.81	15,278	14,378	1.06	407	332	1.23	542	651	0.83
<b>Central Kansas</b>																					
GMD No. 2	19,135	18,903	1.01	8,604	10,289	0.84	76,725	87,214	0.88	879	1,152	0.76	6,047	6,902	0.88	3,708	4,823	0.77	170	205	0.83
GMD No. 5	17,009	17,098	0.99	52,341	48,827	1.07	421,380	375,262	1.12	773	934	0.83	9,415	10,947	0.86	2,897	2,749	1.05	0	0	0.00
Remainder	25,148	34,151	0.74	22,938	39,381	0.58	85,728	135,790	0.63	4,776	5,277	0.91	7,889	15,620	0.51	1,083	1,990	0.54	209	458	0.46
<b>Eastern Kansas</b>																					
All Eastern KS	2,535	6,100	0.42	6,228	18,383	0.34	10,817	38,224	0.28	3,207	4,830	0.66	602	1,458	0.41	199	403	0.49	145	431	0.34
<b>State Total</b>	<b>135,601</b>	<b>143,076</b>	<b>0.95</b>	<b>344,155</b>	<b>337,301</b>	<b>1.02</b>	<b>2,470,663</b>	<b>2,244,946</b>	<b>1.10</b>	<b>17,524</b>	<b>19,817</b>	<b>0.88</b>	<b>259,883</b>	<b>246,840</b>	<b>1.05</b>	<b>24,945</b>	<b>22,773</b>	<b>1.10</b>	<b>5,445</b>	<b>4,960</b>	<b>1.10</b>

**TABLE 9**  
**TOTAL WATER USE, ACRES IRRIGATED , AND PERCENT BY SYSTEM TYPE AND REGIONAL LOCATION**  
**KANSAS, 2010**

	Percent of acres irrigated by system type							
	Total Acres Irrigated	Flood	Center Pivot	Pivot with Drop Nozzles	Other Sprinkler	Comb. Pivot + Flood	Subsurface Drip and Comb. Drip + Other	Other or Unspecified
<b>Western Kansas</b>								
Western KS GMD No. 1	201,025	8.3%	6.4%	76.8%	0.1%	7.6%	0.7%	0.0%
Southwest KS GMD No. 3	1,449,200	2.2%	11.5%	73.3%	0.3%	11.8%	0.6%	0.2%
Northwest KS GMD No. 4	378,117	0.7%	8.1%	87.4%	0.4%	2.9%	0.5%	0.1%
Remainder of Western KS	103,570	14.6%	9.8%	59.4%	1.3%	13.9%	0.3%	0.6%
<b>Central Kansas</b>								
Equus Beds GMD No. 2	129,488	14.6%	7.9%	67.4%	0.9%	5.3%	3.7%	0.2%
Big Bend GMD No. 5	455,817	3.8%	10.7%	82.3%	0.2%	2.4%	0.6%	0.0%
Remainder of Central KS	232,667	14.7%	16.9%	58.4%	2.3%	6.7%	0.9%	0.2%
<b>Eastern Kansas</b>								
All Eastern Kansas	69,829	8.7%	26.3%	54.7%	6.9%	2.1%	0.6%	0.6%
<b>State Total</b>	<b>3,019,713</b>	<b>4.7%</b>	<b>11.2%</b>	<b>74.3%</b>	<b>0.7%</b>	<b>8.2%</b>	<b>0.8%</b>	<b>0.2%</b>
<b>Percent of water use by system type</b>								
	Total Water Use (AF)	Flood	Center Pivot	Pivot with Drop Nozzles	Other Sprinkler	Comb. Pivot + Flood	Subsurface Drip and Comb. Drip + Other	Other or Unspecified
<b>Western Kansas</b>								
Western KS GMD No. 1	178,079	8.0%	6.0%	77.5%	0.2%	7.4%	0.9%	0.0%
Southwest KS GMD No. 3	1,828,072	2.0%	11.2%	74.8%	0.3%	10.7%	0.7%	0.2%
Northwest KS GMD No. 4	361,303	0.9%	8.1%	87.1%	0.3%	3.1%	0.5%	0.1%
Remainder of Western KS	100,173	17.7%	8.9%	56.0%	1.1%	15.3%	0.4%	0.5%
<b>Central Kansas</b>								
Equus Beds GMD No. 2	115,268	16.6%	7.5%	66.6%	0.8%	5.2%	3.2%	0.1%
Big Bend GMD No. 5	503,815	3.4%	10.4%	83.6%	0.2%	1.9%	0.6%	0.0%
Remainder of Central KS	147,772	17.0%	15.5%	58.0%	3.2%	5.3%	0.7%	0.1%
<b>Eastern Kansas</b>								
All Eastern Kansas	23,734	10.7%	26.2%	45.6%	13.5%	2.5%	0.8%	0.6%
<b>State Total</b>	<b>3,258,216</b>	<b>4.2%</b>	<b>10.6%</b>	<b>75.8%</b>	<b>0.5%</b>	<b>8.0%</b>	<b>0.8%</b>	<b>0.2%</b>

**TABLE 10**  
**WATER USE , ACRES IRRIGATED, AND AVERAGE APPLICATION RATE BY TYPE OF IRRIGATION SYSTEM BY COUNTY**  
**KANSAS, 2010**

County	Flood			Center Pivot			Center Pivot with Drop Nozzles			Other Sprinkler			Combination Center Pivot and Flood			Subsurface Drip and Comb. Drip & Other			Other or Unspecified		
	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A
Allen	0	0	0.00	86	240	0.36	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Anderson	60	110	0.55	184	493	0.37	408	1,457	0.28	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Atchison	0	0	0.00	28	206	0.14	0	0	0.00	51	86	0.59	0	0	0.00	0	0	0.00	0	0	0.00
Barber	222	192	1.15	424	428	0.99	3,843	3,877	0.99	5	7	0.75	0	0	0.00	0	0	0.00	0	0	0.00
Barton	5,662	6,546	0.86	3,090	3,256	0.95	23,169	22,216	1.04	155	201	0.77	2,702	3,363	0.80	492	462	1.07	0	0	0.00
Bourbon	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Brown	0	0	0.00	252	690	0.37	624	1,783	0.35	8	20	0.39	0	0	0.00	0	0	0.00	8	4	2.04
Butler	14	42	0.34	341	529	0.64	305	849	0.36	422	467	0.90	0	0	0.00	0	0	0.00	31	35	0.89
Chase	0	0	0.00	0	11	0.03	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Chautauqua	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Cherokee	0	0	0.00	221	589	0.38	0	0	0.00	3	12	0.28	0	0	0.00	0	0	0.00	0	0	0.00
Cheyenne	617	421	1.47	2,453	2,873	0.85	41,700	41,259	1.01	507	547	0.93	735	866	0.85	239	206	1.16	66	40	1.65
Clark	211	298	0.71	438	540	0.81	3,611	3,693	0.98	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Clay	1,815	3,973	0.46	699	2,475	0.28	4,833	14,040	0.34	54	55	0.98	532	1,873	0.28	92	294	0.31	0	0	0.00
Cloud	2,375	3,928	0.60	641	1,867	0.34	5,505	14,087	0.39	6	7	0.89	1,404	3,305	0.42	47	125	0.38	0	0	0.00
Coffey	0	0	0.00	20	51	0.39	210	736	0.29	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Comanche	167	280	0.60	1,636	1,348	1.21	6,470	5,384	1.20	14	10	1.42	0	0	0.00	0	0	0.00	0	0	0.00
Cowley	2	14	0.12	377	756	0.50	1,178	2,025	0.58	70	75	0.94	0	0	0.00	0	0	0.00	0	0	0.00
Crawford	0	0	0.00	306	1,052	0.29	205	931	0.22	46	90	0.52	0	0	0.00	0	0	0.00	0	0	0.00
Decatur	760	588	1.29	1,287	1,514	0.85	5,726	7,245	0.79	108	209	0.52	725	714	1.01	0	0	0.00	301	245	1.23
Dickinson	303	245	1.24	526	957	0.55	1,380	3,084	0.45	131	157	0.84	15	119	0.12	0	0	0.00	11	95	0.12
Doniphan	0	0	0.00	0	0	0.00	11	175	0.06	0	0	0.00	0	0	0.00	1	12	0.09	0	0	0.00
Douglas	0	0	0.00	632	1,179	0.54	329	1,194	0.28	3	20	0.16	0	0	0.00	0	19	0.02	4	22	0.17
Edwards	449	598	0.75	11,698	11,260	1.04	96,092	86,021	1.12	78	42	1.86	231	215	1.07	988	785	1.26	0	0	0.00
Elk	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Ellis	399	385	1.04	91	108	0.84	671	741	0.91	223	256	0.87	128	203	0.63	0	0	0.00	0	0	0.00
Ellsworth	67	105	0.64	0	0	0.00	70	176	0.40	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Finney	15,371	12,743	1.21	35,189	27,716	1.27	221,033	158,712	1.39	1,612	1,202	1.34	18,757	15,485	1.21	1,045	885	1.18	0	0	0.00

**TABLE 10**  
**WATER USE , ACRES IRRIGATED, AND AVERAGE APPLICATION RATE BY TYPE OF IRRIGATION SYSTEM BY COUNTY**  
**KANSAS, 2010**

County	Flood			Center Pivot			Center Pivot with Drop Nozzles			Other Sprinkler			Combination Center Pivot and Flood			Subsurface Drip and Comb. Drip & Other			Other or Unspecified		
	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A
Ford	1,038	936	1.11	6,802	6,776	1.00	77,993	73,052	1.07	382	320	1.20	3,265	3,011	1.08	792	870	0.91	0	1	0.21
Franklin	0	0	0.00	744	483	1.54	57	450	0.13	2	5	0.31	0	0	0.00	0	0	0.00	0	0	0.00
Geary	467	308	1.52	38	144	0.26	1,417	3,495	0.41	90	112	0.80	180	346	0.52	44	98	0.45	7	19	0.38
Gove	1,098	1,095	1.00	477	432	1.10	14,204	16,249	0.87	130	199	0.66	2,244	2,080	1.08	0	0	0.00	3	8	0.34
Graham	27	33	0.82	4,141	3,310	1.25	9,798	10,230	0.96	4	54	0.08	693	532	1.30	96	116	0.83	0	0	0.00
Grant	2,109	2,321	0.91	16,467	12,147	1.36	108,291	78,041	1.39	443	503	0.88	10,050	10,933	0.92	311	191	1.63	0	0	0.00
Gray	2,432	2,088	1.16	42,364	36,059	1.17	152,005	126,138	1.21	1,003	811	1.24	6,561	4,654	1.41	1,949	1,251	1.56	0	0	0.00
Greeley	191	103	1.86	257	655	0.39	18,476	20,749	0.89	64	80	0.80	0	0	0.00	0	0	0.00	0	0	0.00
Greenwood	0	0	0.00	26	43	0.61	11	42	0.26	3	8	0.36	0	0	0.00	0	0	0.00	0	0	0.00
Hamilton	3,366	2,047	1.64	7,914	6,418	1.23	20,906	15,470	1.35	7	42	0.18	6,257	4,820	1.30	0	0	0.00	0	0	0.00
Harper	77	70	1.10	127	131	0.97	1,508	1,931	0.78	25	50	0.51	0	0	0.00	0	0	0.00	6	25	0.24
Harvey	7,405	6,769	1.09	1,245	1,544	0.81	20,768	24,462	0.85	101	323	0.31	1,310	1,436	0.91	1,128	1,388	0.81	0	0	0.00
Haskell	5,240	4,293	1.22	9,368	9,902	0.95	143,939	118,421	1.22	1,214	669	1.81	51,958	48,774	1.07	4,824	3,130	1.54	0	0	0.00
Hodgeman	5,353	4,472	1.20	2,418	2,521	0.96	9,930	12,218	0.81	63	25	2.52	5,780	6,227	0.93	217	136	1.60	0	0	0.00
Jackson	0	2	0.03	0	0	0.00	91	260	0.35	26	42	0.63	0	0	0.00	0	0	0.00	0	0	0.00
Jefferson	193	433	0.45	136	853	0.16	1,023	3,313	0.31	58	72	0.81	0	0	0.00	22	34	0.65	10	85	0.12
Jewell	332	378	0.88	575	1,451	0.40	606	1,177	0.51	0	0	0.00	382	603	0.63	0	0	0.00	0	0	0.00
Johnson	19	2	9.74	645	1,489	0.43	0	0	0.00	1,761	2,062	0.85	147	120	1.22	71	70	1.02	17	18	0.92
Kearny	3,131	3,420	0.92	17,251	11,571	1.49	105,266	70,274	1.50	27	27	1.00	17,621	13,777	1.28	207	140	1.48	495	356	1.39
Kingman	0	0	0.00	4,076	3,360	1.21	13,297	12,218	1.09	58	112	0.52	0	0	0.00	0	0	0.00	0	0	0.00
Kiowa	351	334	1.05	8,161	6,872	1.19	54,767	45,024	1.22	25	75	0.34	801	797	1.00	369	260	1.42	0	0	0.00
Labette	0	0	0.00	165	568	0.29	150	220	0.68	27	145	0.19	0	0	0.00	0	0	0.00	0	0	0.00
Lane	2,911	2,960	0.98	1,519	1,987	0.76	8,102	9,637	0.84	0	0	0.00	2,654	2,749	0.97	678	613	1.11	0	0	0.00
Leavenworth	0	0	0.00	249	751	0.33	109	691	0.16	122	192	0.64	0	0	0.00	0	0	0.00	0	0	0.00
Lincoln	38	35	1.09	0	0	0.00	342	1,332	0.26	1	5	0.23	0	0	0.00	0	0	0.00	0	0	0.00
Linn	0	0	0.00	35	35	1.01	38	108	0.35	57	50	1.14	0	0	0.00	0	0	0.00	0	0	0.00
Logan	66	73	0.90	605	819	0.74	5,237	6,953	0.75	166	542	0.31	0	0	0.00	7	3	2.41	0	0	0.00
Lyon	0	0	0.00	0	0	0.00	46	181	0.25	33	72	0.46	0	0	0.00	0	0	0.00	0	0	0.00



**TABLE 10**  
**WATER USE , ACRES IRRIGATED, AND AVERAGE APPLICATION RATE BY TYPE OF IRRIGATION SYSTEM BY COUNTY**  
**KANSAS, 2010**

County	Flood			Center Pivot			Center Pivot with Drop Nozzles			Other Sprinkler			Combination Center Pivot and Flood			Subsurface Drip and Comb. Drip & Other			Other or Unspecified		
	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A
Marion	27	154	0.18	564	1,281	0.44	514	1,005	0.51	87	99	0.88	0	0	0.00	22	115	0.19	27	29	0.92
Marshall	0	0	0.00	82	338	0.24	1,079	2,151	0.50	25	47	0.53	0	0	0.00	0	0	0.00	0	0	0.00
McPherson	5,697	6,719	0.85	2,071	3,304	0.63	13,011	18,286	0.71	48	114	0.42	2,147	2,936	0.73	2,114	3,108	0.68	13	23	0.57
Meade	3,173	2,424	1.31	16,231	11,867	1.37	113,183	81,283	1.39	30	22	1.37	33,572	27,417	1.22	1,306	829	1.58	840	630	1.33
Miami	0	0	0.00	9	120	0.08	11	59	0.19	107	122	0.87	0	0	0.00	0	0	0.00	0	0	0.00
Mitchell	2,016	1,747	1.15	105	207	0.51	2,652	4,424	0.60	0	0	0.00	141	306	0.46	0	0	0.00	0	0	0.00
Montgomery	0	0	0.00	0	0	0.00	125	865	0.14	75	190	0.40	0	0	0.00	0	0	0.00	0	0	0.00
Morris	56	114	0.49	46	40	1.15	0	0	0.00	0	8	0.06	0	0	0.00	0	0	0.00	0	0	0.00
Morton	341	395	0.86	9,546	8,408	1.14	37,040	33,871	1.09	161	89	1.81	3,556	3,383	1.05	3	45	0.07	0	0	0.00
Nemaha	0	0	0.00	7	68	0.10	0	0	0.00	111	138	0.81	0	0	0.00	0	0	0.00	31	22	1.40
Neosho	0	0	0.00	0	0	0.00	28	84	0.33	29	40	0.72	0	0	0.00	0	0	0.00	0	0	0.00
Ness	1,925	1,953	0.99	354	359	0.99	1,051	1,495	0.70	15	26	0.56	65	82	0.79	7	42	0.16	26	41	0.62
Norton	3,516	3,330	1.06	730	1,043	0.70	4,327	5,735	0.75	102	73	1.39	1,007	1,196	0.84	0	0	0.00	0	0	0.00
Osage	0	0	0.00	0	0	0.00	44	234	0.19	46	90	0.52	0	0	0.00	0	0	0.00	0	0	0.00
Osborne	764	1,450	0.53	75	245	0.31	309	782	0.39	0	9	0.01	0	0	0.00	82	139	0.59	0	0	0.00
Ottawa	122	250	0.49	295	815	0.36	1,210	3,090	0.39	29	24	1.21	57	281	0.20	0	0	0.00	1	2	0.41
Pawnee	9,053	8,539	1.06	3,072	3,052	1.01	58,986	57,235	1.03	183	264	0.69	4,880	5,841	0.84	650	635	1.02	0	0	0.00
Phillips	1,085	1,419	0.76	564	930	0.61	2,787	4,017	0.69	18	54	0.34	393	642	0.61	221	332	0.67	9	5	1.74
Pottawatomie	512	1,245	0.41	904	3,660	0.25	2,144	9,320	0.23	111	355	0.31	147	819	0.18	0	0	0.00	42	225	0.19
Pratt	433	508	0.85	13,014	12,360	1.05	80,670	71,235	1.13	114	124	0.92	582	618	0.94	308	498	0.62	0	0	0.00
Rawlins	512	413	1.24	658	1,176	0.56	12,956	15,380	0.84	239	326	0.73	251	342	0.73	0	0	0.00	183	340	0.54
Reno	1,314	1,634	0.80	6,462	6,542	0.99	44,851	43,627	1.03	224	349	0.64	1,173	1,268	0.92	393	310	1.27	170	205	0.83
Republic	4,951	5,754	0.86	4,498	9,210	0.49	6,658	12,146	0.55	0	0	0.00	2,016	3,503	0.58	60	106	0.57	0	0	0.00
Rice	455	410	1.11	2,093	2,367	0.88	18,971	19,629	0.97	66	23	2.85	81	108	0.75	0	0	0.00	0	0	0.00
Riley	385	932	0.41	252	623	0.41	733	2,839	0.26	162	645	0.25	0	0	0.00	20	19	1.03	0	0	0.00
Rooks	3	31	0.10	195	323	0.60	937	1,476	0.63	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Rush	4,612	5,513	0.84	263	368	0.71	3,125	3,862	0.81	0	0	0.00	682	835	0.82	35	36	0.97	0	0	0.00
Russell	0	0	0.00	0	0	0.00	0	0	0.00	14	21	0.65	0	0	0.00	0	0	0.00	56	150	0.37

**TABLE 10**  
**WATER USE , ACRES IRRIGATED, AND AVERAGE APPLICATION RATE BY TYPE OF IRRIGATION SYSTEM BY COUNTY**  
**KANSAS, 2010**

County	Flood			Center Pivot			Center Pivot with Drop Nozzles			Other Sprinkler			Combination Center Pivot and Flood			Subsurface Drip and Comb. Drip & Other			Other or Unspecified		
	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A	Water Use (AF)	Acres Irrig.	AF/A
Saline	618	694	0.89	210	550	0.38	1,293	2,401	0.54	522	427	1.22	325	367	0.89	49	114	0.43	4	17	0.21
Scott	6,526	8,243	0.79	1,782	2,162	0.82	27,583	30,938	0.89	61	54	1.13	6,246	7,580	0.82	332	255	1.30	0	0	0.00
Sedgwick	7,272	7,161	1.02	3,817	5,556	0.69	18,807	23,354	0.81	3,157	2,806	1.13	2,060	2,397	0.86	270	352	0.77	43	53	0.81
Seward	1,625	2,267	0.72	14,623	13,201	1.11	125,142	91,486	1.37	382	272	1.40	22,415	19,179	1.17	0	0	0.00	0	0	0.00
Shawnee	1,400	3,253	0.43	1,183	4,259	0.28	2,119	7,296	0.29	283	615	0.46	112	221	0.51	89	158	0.57	34	55	0.62
Sheridan	377	403	0.93	6,814	7,021	0.97	66,554	66,002	1.01	53	90	0.58	3,985	3,510	1.14	741	664	1.12	15	55	0.27
Sherman	1,051	748	1.41	8,515	8,622	0.99	95,820	99,134	0.97	225	239	0.94	2,342	2,695	0.87	433	451	0.96	107	45	2.38
Smith	394	683	0.58	123	311	0.40	406	1,192	0.34	27	47	0.57	79	285	0.28	100	79	1.27	0	0	0.00
Stafford	1,406	1,270	1.11	11,083	9,345	1.19	83,675	71,267	1.17	157	225	0.70	597	665	0.90	89	109	0.82	0	0	0.00
Stanton	1,271	913	1.39	7,604	6,222	1.22	94,029	79,463	1.18	49	65	0.75	18,181	17,136	1.06	2,464	1,835	1.34	1,396	1,120	1.25
Stevens	1,021	861	1.19	22,745	17,686	1.29	182,333	145,331	1.25	259	534	0.48	10,423	7,311	1.43	296	194	1.53	1,191	750	1.59
Sumner	0	0	0.00	283	411	0.69	6,539	9,414	0.69	116	125	0.93	114	111	1.03	114	198	0.58	1	5	0.25
Thomas	275	131	2.10	6,351	7,137	0.89	79,414	89,512	0.89	222	207	1.07	1,884	2,037	0.92	333	272	1.23	269	215	1.25
Trego	369	331	1.11	1,707	1,557	1.10	3,313	3,280	1.01	151	157	0.96	341	418	0.81	5	3	1.75	0	0	0.00
Wabaunsee	232	648	0.36	271	1,021	0.27	1,716	5,746	0.30	20	30	0.68	196	298	0.66	0	40	0.00	0	0	0.00
Wallace	761	796	0.96	2,271	3,122	0.73	42,900	44,599	0.96	160	200	0.80	3,016	3,127	0.96	353	370	0.95	30	20	1.50
Washington	484	968	0.50	1,053	4,160	0.25	1,478	4,846	0.31	42	45	0.93	338	1,046	0.32	0	0	0.00	0	0	0.00
Wichita	5,109	5,725	0.89	5,164	5,598	0.92	44,150	52,606	0.84	49	40	1.22	1,348	1,878	0.72	420	307	1.37	0	0	0.00
Wilson	118	407	0.29	15	76	0.20	112	513	0.22	19	127	0.15	0	0	0.00	15	70	0.22	0	0	0.00
Woodson	0	0	0.00	0	0	0.00	48	114	0.42	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
Wyandotte	0	0	0.00	26	119	0.22	81	301	0.27	180	200	0.90	0	0	0.00	0	0	0.00	0	0	0.00
<b>State Total</b>	<b>135,601</b>	<b>143,076</b>	<b>0.95</b>	<b>344,155</b>	<b>337,301</b>	<b>1.02</b>	<b>2,470,663</b>	<b>2,244,946</b>	<b>1.10</b>	<b>17,524</b>	<b>19,817</b>	<b>0.88</b>	<b>259,883</b>	<b>246,840</b>	<b>1.05</b>	<b>24,945</b>	<b>22,773</b>	<b>1.10</b>	<b>5,445</b>	<b>4,960</b>	<b>1.10</b>

**Table 11**  
**SELECTED WATER USE STATISTICS BY LEGAL TOWNSHIP <sup>a/</sup>**  
**KANSAS, 2006-2010**

Township and Range	County	2010					Acre-feet per acre (AF/A) <sup>b/</sup>					
		No. of Pd's	Water Use (AF)	Acres Irrigated	Use above Reg. Std. (AF)	Use above Reg. Std. (Pct.)	2006	2007	2008	2009	2010	Avg.
30S11W	Barber	15	1,987	1,799	10	0.5%	1.26	0.87	0.90	1.01	1.10	1.03
30S12W	Barber	6	952	767	0	0.0%	1.40	0.99	1.07	1.07	1.24	1.15
18S14W	Barton	13	602	1,047	0	0.0%	1.01	0.63	0.47	0.73	0.58	0.68
18S15W	Barton	20	843	1,737	0	0.0%	0.82	0.60	0.35	0.59	0.49	0.57
19S11W	Barton	12	805	948	14	1.7%	0.83	0.74	0.56	0.85	0.85	0.77
19S13W	Barton	20	1,184	1,863	12	1.0%	0.78	0.74	0.50	0.59	0.64	0.65
19S14W	Barton	64	4,915	5,574	56	1.1%	0.93	0.81	0.61	0.79	0.88	0.80
20S11W	Barton	27	3,984	3,273	29	0.7%	1.26	0.98	0.83	0.96	1.22	1.05
20S12W	Barton	35	4,845	4,155	43	0.9%	1.16	1.02	0.85	0.92	1.17	1.02
20S13W	Barton	47	6,162	5,670	0	0.0%	1.00	0.73	0.67	0.82	1.09	0.86
20S14W	Barton	78	9,482	8,668	4	0.0%	1.06	1.03	0.78	0.99	1.09	0.99
20S15W	Barton	25	2,119	2,560	0	0.0%	0.89	0.88	0.70	0.75	0.83	0.81
02S17E	Brown	3	245	690	0	0.0%	0.00	0.00	0.00	0.00	0.35	0.07
29S04E	Butler	5	456	871	0	0.0%	0.40	0.14	0.00	0.21	0.52	0.25
01S38W	Cheyenne	22	1,661	1,823	4	0.2%	1.16	1.03	1.07	0.88	0.91	1.01
02S39W	Cheyenne	8	923	843	0	0.0%	1.34	1.52	1.40	1.01	1.10	1.27
03S37W	Cheyenne	27	2,915	3,258	0	0.0%	1.14	1.38	1.24	1.03	0.89	1.14
03S38W	Cheyenne	23	2,905	2,917	0	0.0%	1.01	1.19	1.25	1.01	1.00	1.09
03S39W	Cheyenne	9	780	821	0	0.0%	1.27	1.21	1.22	1.02	0.95	1.13
03S40W	Cheyenne	22	1,103	1,016	26	2.4%	1.19	1.26	1.31	1.11	1.09	1.19
04S37W	Cheyenne	37	4,788	4,539	0	0.0%	1.23	1.27	1.28	0.89	1.05	1.14
04S38W	Cheyenne	14	1,874	1,866	0	0.0%	1.22	1.33	1.31	0.66	1.00	1.10
04S39W	Cheyenne	15	2,041	1,931	0	0.0%	1.32	1.42	1.18	0.96	1.06	1.19
04S40W	Cheyenne	7	700	801	0	0.0%	0.93	1.00	0.99	0.71	0.87	0.90
04S41W	Cheyenne	21	1,407	1,618	42	3.0%	1.04	0.96	0.97	0.80	0.87	0.93
04S42W	Cheyenne	19	857	1,136	0	0.0%	1.11	1.06	1.01	0.83	0.75	0.95
05S37W	Cheyenne	27	4,440	3,559	13	0.3%	1.28	1.50	1.28	1.05	1.25	1.27
05S38W	Cheyenne	26	3,633	3,291	34	0.9%	1.25	1.35	1.31	0.94	1.10	1.19
05S39W	Cheyenne	25	3,896	3,514	2	0.1%	1.51	1.42	1.51	1.05	1.11	1.32
05S40W	Cheyenne	44	6,230	5,732	34	0.5%	1.46	1.42	1.31	0.99	1.09	1.25
05S41W	Cheyenne	29	2,967	3,828	0	0.0%	1.19	1.17	1.01	0.62	0.78	0.95
05S42W	Cheyenne	15	960	1,263	0	0.0%	1.02	1.22	1.08	0.78	0.76	0.97
30S22W	Clark	0	0	0	0	0.0%	0.73	0.00	0.70	0.00	0.00	0.29
30S24W	Clark	0	0	0	0	0.0%	1.94	1.93	0.92	0.90	0.00	1.14
33S23W	Clark	3	606	687	0	0.0%	0.91	0.76	0.74	0.65	0.88	0.79
33S25E	Clark	0	0	0	0	0.0%	0.00	0.00	0.00	0.29	0.00	0.06
06S01E	Clay	55	2,183	5,759	0	0.0%	0.77	0.59	0.57	0.57	0.38	0.58
06S02E	Clay	26	700	2,503	0	0.0%	0.72	0.61	0.47	0.41	0.28	0.50
07S02E	Clay	75	2,237	7,136	0	0.0%	0.72	0.61	0.44	0.42	0.31	0.50
08S02E	Clay	30	1,206	3,271	0	0.0%	0.68	1.00	0.43	0.41	0.37	0.58
08S03E	Clay	35	1,505	3,450	0	0.0%	0.72	0.68	0.43	0.38	0.44	0.53
05S01W	Cloud	39	1,385	3,814	0	0.0%	0.72	0.58	0.48	0.61	0.36	0.55
05S02W	Cloud	48	2,342	4,469	4	0.2%	0.92	0.70	0.45	0.69	0.52	0.66
05S03W	Cloud	37	1,418	3,911	0	0.0%	0.56	0.56	0.24	0.46	0.36	0.44
05S04W	Cloud	47	1,708	3,605	0	0.0%	0.62	0.56	0.30	0.47	0.47	0.48
06S01W	Cloud	43	1,997	4,738	0	0.0%	0.73	0.51	0.49	0.61	0.42	0.55
06S02W	Cloud	8	198	655	0	0.0%	0.58	0.36	0.00	0.00	0.30	0.25
07S01W	Cloud	8	517	940	0	0.0%	0.43	0.48	0.35	0.46	0.55	0.45
20S17E	Coffey	6	330	1,206	0	0.0%	0.29	0.51	0.21	0.36	0.27	0.33
31S18W	Comanche	19	3,005	2,435	30	1.0%	1.36	1.19	1.08	1.12	1.23	1.20

**Table 11**  
**SELECTED WATER USE STATISTICS BY LEGAL TOWNSHIP <sup>a/</sup>**  
**KANSAS, 2006-2010**

Township and Range	County	2010					Acre-feet per acre (AF/A) <sup>b/</sup>					
		No. of Pd's	Water Use (AF)	Acres Irrigated	Use above Reg. Std. (AF)	Use above Reg. Std. (Pct.)	2006	2007	2008	2009	2010	Avg.
31S19W	Comanche	7	962	737	18	1.9%	1.19	1.24	1.15	1.32	1.31	1.24
32S18W	Comanche	11	1,751	1,307	4	0.2%	1.42	1.27	1.22	1.12	1.34	1.27
32S20W	Comanche	8	1,148	996	54	4.7%	0.96	0.78	0.86	1.07	1.15	0.96
33S20W	Comanche	0	0	0	0	0.0%	0.81	0.00	0.00	0.00	0.00	0.16
31S04E	Cowley	4	393	784	0	0.0%	0.00	0.00	0.00	0.00	0.50	0.10
33S03E	Cowley	0	0	0	0	0.0%	0.72	0.43	0.00	0.00	0.00	0.23
33S03E	Cowley	13	756	1,389	0	0.0%	0.00	0.00	0.55	0.48	0.54	0.31
30S22E	Crawford	7	389	1,148	21	5.4%	0.23	0.29	0.21	0.23	0.34	0.26
01S27W	Decatur	13	860	1,061	0	0.0%	1.17	1.12	1.24	0.94	0.81	1.06
01S30W	Decatur	23	759	1,238	0	0.0%	0.96	0.81	0.94	0.74	0.61	0.81
02S28W	Decatur	17	763	1,104	0	0.0%	1.03	0.71	0.87	0.51	0.69	0.76
02S30W	Decatur	12	687	762	16	2.3%	1.17	0.98	1.07	0.79	0.90	0.98
03S29W	Decatur	20	902	1,130	0	0.0%	1.06	0.79	0.84	0.78	0.80	0.85
04S26W	Decatur	10	800	679	52	6.5%	0.00	1.15	0.00	0.78	1.18	0.62
05S26W	Decatur	9	817	708	14	1.7%	1.00	1.03	0.92	0.79	1.15	0.98
05S28W	Decatur	0	0	0	0	0.0%	0.88	0.95	0.00	0.00	0.00	0.37
05S30W	Decatur	11	809	902	0	0.0%	1.30	1.18	0.89	0.78	0.90	1.01
13S02E	Dickinson	16	736	983	37	5.0%	0.87	0.80	0.69	0.49	0.75	0.72
13S03E	Dickinson	17	1,055	1,720	5	0.5%	0.94	0.67	0.51	0.53	0.61	0.65
24S16W	Edwards	58	8,161	7,353	26	0.3%	1.20	0.78	1.00	0.90	1.11	1.00
24S17W	Edwards	69	8,945	8,625	44	0.5%	1.10	0.78	1.03	0.94	1.04	0.98
24S18W	Edwards	66	8,100	8,250	96	1.2%	0.93	0.74	0.91	0.87	0.98	0.89
24S19W	Edwards	0	0	0	0	0.0%	0.00	0.00	0.00	0.82	0.00	0.16
25S16W	Edwards	64	9,464	8,394	44	0.5%	1.28	1.00	1.09	1.05	1.13	1.11
25S17W	Edwards	73	10,453	9,538	79	0.8%	1.16	0.99	1.13	1.00	1.10	1.08
25S18W	Edwards	82	11,916	11,068	14	0.1%	1.18	0.93	1.09	0.99	1.08	1.05
25S19W	Edwards	39	4,783	4,120	75	1.6%	1.08	0.94	1.19	1.08	1.16	1.09
25S20W	Edwards	19	1,561	1,989	0	0.0%	0.99	0.86	0.99	0.92	0.78	0.91
26S16W	Edwards	65	10,636	8,416	21	0.2%	1.32	0.97	1.17	1.20	1.26	1.18
26S17W	Edwards	58	9,214	7,581	2	0.0%	1.26	1.07	1.20	1.12	1.22	1.17
26S18W	Edwards	60	8,510	7,515	30	0.4%	1.19	1.00	1.12	1.10	1.13	1.11
26S19W	Edwards	79	11,335	9,547	67	0.6%	1.34	0.96	1.20	1.09	1.19	1.16
26S20W	Edwards	49	5,675	5,376	3	0.1%	0.98	0.94	1.07	1.15	1.06	1.04
21S32W	Finney	43	4,785	5,712	39	0.8%	0.74	0.67	0.75	0.64	0.84	0.73
21S33W	Finney	48	6,193	5,513	22	0.4%	1.08	0.89	1.06	1.06	1.12	1.04
22S30W	Finney	14	711	1,011	8	1.1%	0.90	0.67	0.84	0.75	0.70	0.77
22S31W	Finney	41	5,400	5,683	0	0.0%	1.26	0.90	1.18	0.97	0.95	1.05
22S32W	Finney	27	4,364	4,557	170	3.9%	1.24	0.86	0.97	0.79	0.96	0.96
22S33W	Finney	47	9,160	8,888	37	0.4%	1.26	1.08	1.12	0.95	1.03	1.09
22S34W	Finney	45	6,954	6,173	353	5.1%	1.16	0.95	1.10	0.95	1.13	1.06
23S27W	Finney	5	549	744	0	0.0%	1.27	0.88	0.97	0.84	0.74	0.94
23S29W	Finney	11	1,899	1,582	14	0.7%	1.11	0.63	0.82	0.65	1.20	0.88
23S30W	Finney	9	1,336	1,627	4	0.3%	1.01	0.84	1.01	0.76	0.82	0.89
23S31W	Finney	24	3,504	3,169	118	3.4%	1.21	1.04	1.22	0.97	1.11	1.11
23S32W	Finney	74	12,304	10,184	21	0.2%	1.39	1.15	1.29	1.13	1.21	1.23
23S33W	Finney	90	17,443	15,257	143	0.8%	1.18	0.88	1.24	1.04	1.14	1.10
23S34W	Finney	82	18,794	16,514	61	0.3%	1.23	0.97	1.26	0.97	1.14	1.11
24S31W	Finney	48	8,772	7,783	94	1.1%	1.20	1.02	1.16	0.96	1.13	1.09
24S32W	Finney	41	6,601	4,880	172	2.6%	1.43	1.46	1.45	1.32	1.35	1.40
24S33W	Finney	71	12,671	8,210	75	0.6%	1.49	1.30	1.47	1.26	1.54	1.41

**Table 11**  
**SELECTED WATER USE STATISTICS BY LEGAL TOWNSHIP <sup>a/</sup>**  
**KANSAS, 2006-2010**

Township and Range	County	2010					Acre-feet per acre (AF/A) <sup>b/</sup>					
		No. of Pd's	Water Use (AF)	Acres Irrigated	Use above Reg. Std. (AF)	Use above Reg. Std. (Pct.)	2006	2007	2008	2009	2010	Avg.
24S34W	Finney	96	24,148	17,012	295	1.2%	1.32	1.44	1.37	1.24	1.42	1.36
25S31W	Finney	58	12,906	7,593	172	1.3%	1.68	1.63	1.64	1.44	1.70	1.62
25S32W	Finney	73	16,701	9,952	496	3.0%	1.46	1.44	1.53	1.38	1.68	1.50
25S33W	Finney	87	20,740	11,975	191	0.9%	1.63	1.52	1.66	1.56	1.73	1.62
25S34W	Finney	61	15,434	8,077	267	1.7%	1.52	1.64	1.69	1.60	1.91	1.67
26S31W	Finney	84	17,204	13,000	290	1.7%	1.15	1.16	1.27	1.12	1.32	1.20
26S32W	Finney	86	21,137	14,722	282	1.3%	1.25	1.10	1.32	1.17	1.44	1.26
26S33W	Finney	96	25,000	17,239	116	0.5%	1.44	1.20	1.47	1.26	1.45	1.36
26S34W	Finney	70	17,789	9,250	698	3.9%	1.66	1.41	1.61	1.73	1.92	1.67
25S23W	Ford	6	696	916	0	0.0%	0.96	0.76	0.98	0.90	0.76	0.87
25S25W	Ford	11	660	847	0	0.0%	0.88	0.76	1.69	0.00	0.78	0.82
25S26W	Ford	9	696	1,324	0	0.0%	1.03	0.99	0.65	0.70	0.53	0.78
26S23W	Ford	7	765	653	0	0.0%	0.92	0.70	0.94	0.99	1.17	0.94
26S24W	Ford	8	432	698	0	0.0%	0.76	0.71	0.86	0.72	0.62	0.73
26S25W	Ford	25	2,779	2,476	70	2.5%	1.08	1.00	1.07	1.06	1.12	1.07
26S26W	Ford	62	10,389	7,793	1	0.0%	1.43	1.38	1.34	1.19	1.33	1.33
27S21W	Ford	10	810	726	0	0.0%	0.00	0.00	0.00	0.00	1.12	0.22
27S22W	Ford	26	3,564	3,154	0	0.0%	1.27	1.01	1.24	1.10	1.13	1.15
27S23W	Ford	19	3,759	2,968	82	2.2%	1.26	1.12	1.30	1.22	1.27	1.23
27S24W	Ford	53	7,976	6,876	179	2.2%	1.23	1.00	1.23	1.14	1.16	1.15
27S25W	Ford	55	6,903	6,688	34	0.5%	1.09	0.95	1.10	0.95	1.03	1.02
27S26W	Ford	36	4,752	5,111	0	0.0%	1.01	0.96	1.10	0.99	0.93	1.00
28S21W	Ford	35	5,202	4,265	53	1.0%	1.18	1.04	1.24	1.14	1.22	1.16
28S22W	Ford	43	3,471	4,781	0	0.0%	0.86	0.62	0.80	0.77	0.73	0.76
28S23W	Ford	25	4,276	3,728	0	0.0%	1.20	0.90	1.15	1.15	1.15	1.11
28S24W	Ford	39	6,367	5,627	0	0.0%	1.29	1.01	1.18	1.26	1.13	1.17
28S25W	Ford	15	2,268	2,500	0	0.0%	0.91	0.77	1.00	1.03	0.91	0.92
28S26W	Ford	20	2,723	2,589	28	1.0%	1.20	0.98	1.18	1.17	1.05	1.12
29S21W	Ford	20	3,192	2,508	0	0.0%	1.45	1.06	1.28	1.33	1.27	1.28
29S22W	Ford	26	4,761	4,889	0	0.0%	1.11	0.78	1.08	0.99	0.97	0.99
29S23W	Ford	16	2,606	2,994	0	0.0%	1.05	0.77	1.03	0.93	0.87	0.93
29S24W	Ford	10	1,314	1,316	1	0.1%	0.75	0.75	1.40	1.19	1.00	1.02
29S25W	Ford	10	1,469	2,044	0	0.0%	0.68	0.52	0.78	0.90	0.72	0.72
29S26W	Ford	42	6,670	5,571	39	0.6%	1.25	0.97	1.19	1.36	1.20	1.19
11S06E	Geary	14	771	1,252	242	31.4%	0.65	0.50	0.49	0.61	0.62	0.57
12S04E	Geary	0	0	0	0	0.0%	0.93	0.00	0.00	0.63	0.00	0.31
12S05E	Geary	12	879	1,767	0	0.0%	0.86	0.40	0.36	0.49	0.50	0.52
12S06E	Geary	6	280	682	0	0.0%	0.00	0.00	0.00	0.00	0.41	0.08
11S26W	Gove	9	752	969	0	0.0%	0.72	0.74	0.65	0.61	0.78	0.70
11S27W	Gove	36	3,185	3,843	0	0.0%	0.74	0.74	0.67	0.64	0.83	0.72
11S28W	Gove	21	1,804	1,831	0	0.0%	0.97	0.86	1.01	0.73	0.99	0.91
11S30W	Gove	30	2,738	2,546	10	0.4%	1.04	0.84	0.96	0.70	1.08	0.92
11S31W	Gove	14	1,546	1,179	18	1.2%	1.35	1.41	1.37	1.04	1.31	1.30
12S27W	Gove	16	1,093	1,442	0	0.0%	0.73	0.77	0.76	0.67	0.76	0.74
12S28W	Gove	9	668	859	0	0.0%	1.18	1.12	0.88	0.86	0.78	0.96
12S29W	Gove	0	0	0	0	0.0%	0.00	0.80	0.00	0.00	0.00	0.16
14S27W	Gove	0	0	0	0	0.0%	0.00	0.69	0.00	0.00	0.00	0.14
15S26W	Gove	8	1,125	1,057	15	1.3%	1.51	1.14	1.06	0.95	1.06	1.14
15S27W	Gove	6	896	1,373	0	0.0%	0.86	0.74	0.49	0.43	0.65	0.63
15S29W	Gove	6	415	720	0	0.0%	0.00	0.00	0.00	0.00	0.58	0.12

**Table 11**  
**SELECTED WATER USE STATISTICS BY LEGAL TOWNSHIP <sup>a/</sup>**  
**KANSAS, 2006-2010**

Township and Range	County	2010					Acre-feet per acre (AF/A) <sup>b/</sup>					
		No. of Pd's	Water Use (AF)	Acres Irrigated	Use above Reg. Std. (AF)	Use above Reg. Std. (Pct.)	2006	2007	2008	2009	2010	Avg.
06S23W	Graham	16	1,689	1,802	0	0.0%	1.06	0.58	0.35	0.44	0.94	0.67
06S24W	Graham	10	1,285	1,144	0	0.0%	1.08	0.81	0.95	1.00	1.12	0.99
06S25W	Graham	18	3,680	2,786	0	0.0%	1.12	1.21	1.00	0.86	1.32	1.10
07S25W	Graham	10	1,584	1,186	21	1.3%	1.21	1.11	0.81	0.91	1.34	1.08
08S21W	Graham	10	885	1,213	0	0.0%	0.74	0.51	0.34	0.48	0.73	0.56
08S24W	Graham	11	659	750	0	0.0%	0.94	1.00	0.76	0.69	0.88	0.85
09S24W	Graham	11	943	926	0	0.0%	0.72	0.58	0.70	0.39	1.02	0.68
09S25W	Graham	11	1,284	1,008	0	0.0%	0.93	0.63	0.64	0.66	1.27	0.83
27S35W	Grant	62	19,414	12,079	389	2.0%	1.74	1.29	1.55	1.46	1.61	1.53
27S36W	Grant	59	19,385	12,562	425	2.2%	1.58	1.28	1.60	1.40	1.54	1.48
27S37W	Grant	37	9,964	8,023	133	1.3%	1.23	1.10	1.15	1.12	1.24	1.17
27S38W	Grant	31	7,599	8,191	14	0.2%	0.89	0.76	0.83	0.79	0.93	0.84
28S35W	Grant	25	7,539	5,659	109	1.4%	1.32	1.17	1.50	1.26	1.33	1.32
28S36W	Grant	18	4,807	4,024	62	1.3%	1.14	1.11	1.31	1.16	1.19	1.18
28S37W	Grant	13	2,590	2,069	0	0.0%	1.39	0.95	1.36	0.97	1.25	1.18
28S38W	Grant	50	10,990	9,420	167	1.5%	1.07	0.90	1.07	1.04	1.17	1.05
29S35W	Grant	34	10,247	8,045	188	1.8%	1.29	1.17	1.46	1.08	1.27	1.25
29S36W	Grant	8	2,463	1,614	81	3.3%	0.98	1.38	1.40	1.33	1.53	1.32
29S37W	Grant	21	5,939	4,723	74	1.2%	1.05	0.99	1.24	1.21	1.26	1.15
29S38W	Grant	29	7,504	5,448	52	0.7%	1.23	1.16	1.33	1.14	1.38	1.25
30S35W	Grant	27	6,429	5,064	110	1.7%	1.26	1.07	1.12	1.02	1.27	1.15
30S36W	Grant	16	4,124	3,075	130	3.2%	0.84	0.99	1.19	1.12	1.34	1.10
30S37W	Grant	40	9,098	7,537	27	0.3%	1.02	1.16	1.19	1.24	1.21	1.16
30S38W	Grant	35	8,806	6,603	379	4.3%	1.00	1.08	1.44	1.33	1.33	1.24
24S27W	Gray	24	3,507	3,161	0	0.0%	1.37	0.98	1.34	1.05	1.11	1.17
24S28W	Gray	55	6,894	6,885	24	0.3%	0.94	0.71	1.04	0.77	1.00	0.89
24S29W	Gray	44	6,080	6,353	0	0.0%	0.99	0.74	0.91	0.73	0.96	0.87
24S30W	Gray	39	6,034	7,736	26	0.4%	0.76	0.57	0.85	0.69	0.78	0.73
25S27W	Gray	13	1,756	3,040	0	0.0%	1.12	0.86	0.61	0.52	0.58	0.74
25S28W	Gray	38	5,233	5,357	75	1.4%	0.89	0.62	0.87	0.91	0.98	0.85
25S29W	Gray	59	10,225	8,030	138	1.3%	1.21	1.11	1.26	1.14	1.27	1.20
25S30W	Gray	64	11,206	8,853	267	2.4%	1.46	1.28	1.46	1.21	1.27	1.34
26S27W	Gray	76	13,976	10,153	321	2.3%	1.69	1.50	1.50	1.36	1.38	1.49
26S28W	Gray	89	13,628	10,540	177	1.3%	1.50	1.36	1.31	1.17	1.29	1.33
26S29W	Gray	91	15,024	12,646	350	2.3%	1.33	1.17	1.24	1.01	1.19	1.19
26S30W	Gray	91	17,351	13,133	260	1.5%	1.34	1.25	1.38	1.30	1.32	1.32
27S27W	Gray	43	4,953	5,799	23	0.5%	0.89	0.77	1.02	0.95	0.85	0.90
27S28W	Gray	68	9,471	9,318	113	1.2%	1.05	0.96	1.02	0.93	1.02	1.00
27S29W	Gray	74	15,752	11,931	610	3.9%	1.11	1.01	1.16	1.20	1.32	1.16
27S30W	Gray	73	13,709	9,632	156	1.1%	1.35	1.20	1.31	1.29	1.42	1.31
28S27W	Gray	6	906	850	9	1.0%	1.13	1.24	1.35	1.37	1.07	1.23
28S28W	Gray	11	1,386	1,710	0	0.0%	0.76	0.71	0.94	0.94	0.81	0.83
28S29W	Gray	23	2,721	3,013	0	0.0%	1.00	0.93	1.05	0.89	0.90	0.95
28S30W	Gray	72	18,042	11,950	279	1.5%	1.44	1.39	1.43	1.37	1.51	1.43
29S27W	Gray	19	2,902	3,081	14	0.5%	0.93	0.65	0.94	1.05	0.94	0.90
29S28W	Gray	11	1,115	1,537	0	0.0%	0.75	0.82	0.78	0.70	0.73	0.76
29S29W	Gray	34	8,480	5,613	31	0.4%	1.79	1.62	1.52	1.54	1.51	1.60
29S30W	Gray	60	15,780	10,554	164	1.0%	1.50	1.35	1.29	1.38	1.50	1.40
16S39W	Greeley	32	4,206	4,777	120	2.9%	0.84	0.79	0.86	1.07	0.88	0.89
16S40W	Greeley	25	3,012	3,561	19	0.6%	0.98	1.08	1.05	0.91	0.85	0.97

**Table 11**  
**SELECTED WATER USE STATISTICS BY LEGAL TOWNSHIP <sup>a/</sup>**  
**KANSAS, 2006-2010**

Township and Range	County	2010					Acre-feet per acre (AF/A) <sup>b/</sup>					
		No. of Pd's	Water Use (AF)	Acres Irrigated	Use above Reg. Std. (AF)	Use above Reg. Std. (Pct.)	2006	2007	2008	2009	2010	Avg.
16S41W	Greeley	35	5,550	6,113	0	0.0%	1.18	1.21	1.10	1.05	0.91	1.09
16S42W	Greeley	30	2,758	2,940	0	0.0%	0.98	0.85	0.86	0.87	0.94	0.90
17S39W	Greeley	16	2,163	2,493	18	0.8%	0.99	0.95	1.13	0.84	0.87	0.96
17S40W	Greeley	11	741	1,101	0	0.0%	1.08	1.24	1.38	1.07	0.67	1.09
18S39W	Greeley	0	0	0	0	0.0%	1.13	0.00	0.00	0.00	0.00	0.23
23S41W	Hamilton	10	2,268	2,349	0	0.0%	1.22	0.83	0.82	0.64	0.97	0.90
23S42W	Hamilton	21	4,050	2,652	7	0.2%	1.27	1.19	1.24	1.13	1.53	1.27
23S43W	Hamilton	11	1,971	1,315	14	0.7%	1.50	0.96	1.19	1.11	1.50	1.25
24S39W	Hamilton	19	2,336	1,912	63	2.7%	1.13	1.41	1.29	1.18	1.22	1.25
24S40W	Hamilton	19	2,509	1,861	8	0.3%	1.44	1.27	1.63	1.04	1.35	1.35
24S41W	Hamilton	22	3,705	2,064	209	5.6%	1.84	1.52	1.76	1.48	1.79	1.68
24S43W	Hamilton	11	2,799	1,384	139	5.0%	1.69	1.94	1.95	1.90	2.02	1.90
25S43W	Hamilton	16	4,119	3,543	55	1.3%	1.10	1.30	1.17	1.10	1.16	1.17
26S40W	Hamilton	0	0	0	0	0.0%	0.00	0.33	0.36	0.39	0.00	0.22
26S41W	Hamilton	8	1,486	1,212	0	0.0%	0.72	0.00	1.54	1.06	1.23	0.91
26S42W	Hamilton	34	8,079	6,791	0	0.0%	1.16	0.98	1.17	1.17	1.19	1.13
26S43W	Hamilton	22	4,614	3,449	60	1.3%	1.22	1.03	1.08	1.09	1.34	1.15
32S06W	Harper	8	740	838	0	0.0%	0.00	0.00	0.00	0.00	0.88	0.18
22S02W	Harvey	26	2,284	2,704	0	0.0%	1.05	0.82	0.51	0.71	0.84	0.79
22S03W	Harvey	60	5,836	6,398	60	1.0%	1.06	0.78	0.55	0.70	0.91	0.80
23S01W	Harvey	10	541	818	26	4.8%	0.00	0.00	0.00	0.00	0.66	0.13
23S02W	Harvey	50	4,673	5,053	25	0.5%	1.08	0.80	0.65	0.75	0.92	0.84
23S03W	Harvey	34	3,002	3,610	4	0.1%	0.95	0.68	0.54	0.58	0.83	0.72
24S01W	Harvey	36	2,710	3,218	0	0.0%	0.96	0.74	0.71	0.65	0.84	0.78
24S02W	Harvey	61	5,689	6,245	102	1.8%	1.05	0.92	0.78	0.78	0.91	0.89
24S03W	Harvey	78	7,207	7,714	45	0.6%	1.02	0.79	0.79	0.83	0.93	0.87
27S31W	Haskell	103	24,893	16,968	354	1.4%	1.47	1.40	1.38	1.34	1.47	1.41
27S32W	Haskell	87	19,981	16,228	169	0.8%	1.35	1.17	1.21	1.17	1.23	1.23
27S33W	Haskell	64	15,873	12,772	249	1.6%	1.32	1.04	1.17	1.04	1.24	1.16
27S34W	Haskell	52	13,511	8,635	485	3.6%	1.55	1.21	1.47	1.28	1.56	1.41
28S31W	Haskell	77	22,506	16,203	60	0.3%	1.32	1.25	1.16	1.20	1.39	1.26
28S32W	Haskell	47	11,801	11,215	0	0.0%	1.25	0.97	1.19	1.06	1.05	1.10
28S33W	Haskell	48	9,884	9,283	30	0.3%	1.19	0.90	1.13	1.02	1.06	1.06
28S34W	Haskell	12	1,193	2,025	0	0.0%	0.71	0.72	0.62	0.56	0.59	0.64
29S31W	Haskell	63	18,391	13,067	159	0.9%	1.32	1.24	1.27	1.17	1.41	1.28
29S32W	Haskell	34	11,047	9,358	39	0.4%	1.09	1.10	1.18	1.07	1.18	1.12
29S33W	Haskell	47	10,303	13,588	0	0.0%	0.84	0.71	0.98	0.73	0.76	0.80
29S34W	Haskell	59	16,012	14,039	2	0.0%	0.92	0.84	1.25	0.90	1.14	1.01
30S31W	Haskell	39	8,600	9,415	0	0.0%	1.00	0.94	0.96	0.92	0.91	0.95
30S32W	Haskell	53	12,268	14,631	66	0.5%	0.89	0.87	1.01	0.79	0.84	0.88
30S33W	Haskell	36	9,368	8,629	0	0.0%	1.07	1.27	1.19	1.13	1.09	1.15
30S34W	Haskell	33	11,215	9,259	99	0.9%	1.24	0.93	1.26	1.09	1.21	1.15
21S21W	Hodgeman	47	5,236	5,220	0	0.0%	1.03	0.73	0.99	0.78	1.00	0.91
21S22W	Hodgeman	18	1,899	1,727	0	0.0%	0.97	0.87	0.79	0.86	1.10	0.92
21S24W	Hodgeman	13	798	802	24	3.0%	0.91	0.00	0.00	0.71	0.99	0.52
21S25W	Hodgeman	13	1,070	809	437	40.8%	0.92	0.78	0.73	0.61	1.32	0.87
22S21W	Hodgeman	43	3,299	3,420	0	0.0%	1.21	0.73	0.99	0.88	0.96	0.95
22S22W	Hodgeman	60	3,698	3,832	25	0.7%	1.16	0.81	1.01	0.92	0.97	0.97
23S22W	Hodgeman	31	1,710	1,710	0	0.0%	1.20	1.12	1.19	0.86	1.00	1.07
23S23W	Hodgeman	21	867	922	26	3.0%	1.01	0.81	0.96	0.99	0.94	0.94



**Table 11**  
**SELECTED WATER USE STATISTICS BY LEGAL TOWNSHIP <sup>a/</sup>**  
**KANSAS, 2006-2010**

Township and Range	County	2010					Acre-feet per acre (AF/A) <sup>b/</sup>					
		No. of Pd's	Water Use (AF)	Acres Irrigated	Use above Reg. Std. (AF)	Use above Reg. Std. (Pct.)	2006	2007	2008	2009	2010	Avg.
23S26W	Hodgeman	10	1,270	932	0	0.0%	1.14	1.06	1.32	0.87	1.36	1.15
24S24W	Hodgeman	11	829	1,636	0	0.0%	0.58	0.59	0.61	0.52	0.51	0.56
24S25W	Hodgeman	16	1,215	2,062	0	0.0%	0.85	0.75	0.62	0.67	0.59	0.70
11S18E	Jefferson	15	349	1,471	2	0.6%	0.62	0.56	0.30	0.10	0.24	0.36
11S19E	Jefferson	15	484	1,153	0	0.0%	0.71	0.55	0.40	0.17	0.42	0.45
12S19E	Jefferson	7	235	667	0	0.0%	0.90	0.67	0.00	0.00	0.35	0.38
01S06W	Jewell	31	1,535	3,003	0	0.0%	0.66	0.49	0.30	0.40	0.51	0.47
12S23E	Johnson	0	0	0	0	0.0%	0.74	0.63	0.66	0.34	0.00	0.47
13S23E	Johnson	0	0	0	0	0.0%	0.46	0.00	0.00	0.00	0.00	0.09
13S24E	Johnson	0	0	0	0	0.0%	0.42	0.39	0.23	0.25	0.00	0.26
13S25E	Johnson	0	0	0	0	0.0%	1.47	1.12	0.76	0.62	0.00	0.79
22S35W	Kearny	12	1,834	1,342	35	1.9%	1.14	0.99	1.19	1.11	1.37	1.16
22S38W	Kearny	0	0	0	0	0.0%	0.00	0.78	1.35	0.00	0.00	0.43
23S35W	Kearny	71	17,955	15,024	288	1.6%	1.09	0.98	1.26	0.91	1.20	1.09
23S36W	Kearny	30	4,310	4,643	7	0.2%	0.99	0.82	1.13	1.05	0.93	0.98
23S37W	Kearny	22	2,304	3,096	0	0.0%	0.90	0.79	1.01	0.82	0.74	0.85
23S38W	Kearny	11	831	1,480	0	0.0%	0.49	0.66	0.95	0.88	0.56	0.71
24S35W	Kearny	80	18,078	12,292	528	2.9%	1.49	1.37	1.55	1.17	1.47	1.41
24S36W	Kearny	40	7,513	5,957	65	0.9%	1.17	1.17	1.52	1.10	1.26	1.24
25S35W	Kearny	140	33,228	17,972	987	3.0%	1.82	1.77	1.91	1.59	1.85	1.79
25S36W	Kearny	83	19,358	11,636	425	2.2%	1.78	1.80	1.82	1.57	1.66	1.73
25S37W	Kearny	6	1,040	756	23	2.2%	0.00	0.00	1.55	1.59	1.38	0.90
25S38W	Kearny	6	1,971	1,000	330	16.7%	1.68	1.64	1.67	2.18	1.97	1.83
26S35W	Kearny	68	9,731	8,691	102	1.0%	1.65	1.42	1.62	1.09	1.12	1.38
26S36W	Kearny	73	17,482	9,487	504	2.9%	1.89	1.84	1.86	1.69	1.84	1.82
26S37W	Kearny	15	5,929	4,128	72	1.2%	1.31	1.68	1.44	1.35	1.44	1.44
27S08W	Kingman	34	4,730	3,695	160	3.4%	1.15	0.96	0.71	1.07	1.28	1.03
27S09W	Kingman	15	2,077	1,833	23	1.1%	1.26	1.04	0.96	1.02	1.13	1.08
27S10W	Kingman	15	2,521	1,916	77	3.1%	1.20	1.11	1.08	1.25	1.32	1.19
28S09W	Kingman	7	1,065	878	34	3.2%	1.03	0.92	0.76	1.08	1.21	1.00
29S07W	Kingman	11	1,380	1,187	0	0.0%	0.98	0.77	0.59	0.87	1.16	0.87
29S10W	Kingman	0	0	0	0	0.0%	1.13	0.00	0.00	0.00	0.00	0.23
30S05W	Kingman	6	576	652	0	0.0%	1.01	0.84	0.58	0.83	0.88	0.83
30S10W	Kingman	15	1,806	1,949	1	0.1%	1.03	1.03	0.76	1.06	0.93	0.96
27S16W	Kiowa	65	10,714	8,475	72	0.7%	1.33	0.99	1.07	1.18	1.26	1.17
27S17W	Kiowa	45	7,311	5,744	134	1.8%	1.32	1.04	1.17	1.13	1.27	1.19
27S18W	Kiowa	39	6,882	5,175	7	0.1%	1.41	1.14	1.22	1.21	1.33	1.26
27S19W	Kiowa	72	12,687	9,830	79	0.6%	1.37	1.15	1.23	1.11	1.29	1.23
27S20W	Kiowa	26	3,078	3,420	15	0.5%	0.94	0.78	1.00	0.94	0.90	0.91
28S16W	Kiowa	23	3,214	2,897	86	2.7%	1.15	0.91	1.23	1.02	1.11	1.08
28S17W	Kiowa	32	5,134	4,368	74	1.4%	1.18	0.93	1.12	1.08	1.18	1.10
28S18W	Kiowa	20	3,031	2,517	5	0.2%	1.06	0.80	1.19	1.04	1.20	1.06
28S19W	Kiowa	34	5,557	4,260	41	0.7%	1.36	1.17	1.19	1.23	1.30	1.25
28S20W	Kiowa	20	2,873	2,733	0	0.0%	1.18	0.89	1.03	0.98	1.05	1.03
29S17W	Kiowa	9	1,542	1,168	46	3.0%	1.21	1.02	1.40	1.30	1.32	1.25
29S18W	Kiowa	7	881	1,049	0	0.0%	1.11	0.88	1.10	1.04	0.84	0.99
29S19W	Kiowa	7	1,008	1,045	0	0.0%	1.04	0.82	0.98	1.05	0.96	0.97
16S29W	Lane	0	0	0	0	0.0%	0.90	0.75	0.93	0.00	0.00	0.52
16S30W	Lane	23	1,674	2,038	0	0.0%	1.08	0.84	0.95	1.03	0.82	0.94
17S28W	Lane	40	3,954	3,444	0	0.0%	1.30	0.94	1.29	1.16	1.15	1.17

**Table 11**  
**SELECTED WATER USE STATISTICS BY LEGAL TOWNSHIP <sup>a/</sup>**  
**KANSAS, 2006-2010**

Township and Range	County	2010					Acre-feet per acre (AF/A) <sup>b/</sup>					
		No. of Pd's	Water Use (AF)	Acres Irrigated	Use above Reg. Std. (AF)	Use above Reg. Std. (Pct.)	2006	2007	2008	2009	2010	Avg.
17S29W	Lane	45	3,654	4,509	0	0.0%	1.02	0.75	0.97	0.84	0.81	0.88
17S30W	Lane	26	2,463	3,253	1	0.0%	0.79	0.65	0.82	0.73	0.76	0.75
18S28W	Lane	6	585	937	0	0.0%	0.00	0.00	0.00	0.00	0.62	0.12
18S29W	Lane	8	634	681	0	0.0%	0.88	0.90	0.00	0.76	0.93	0.69
18S30W	Lane	22	1,965	2,313	3	0.2%	1.05	0.60	1.00	0.95	0.85	0.89
12S20E	Leavenworth	17	790	1,809	0	0.0%	0.71	0.47	0.44	0.21	0.44	0.45
12S21E	Leavenworth	9	266	808	0	0.0%	0.00	0.47	0.32	0.07	0.33	0.24
12S10W	Lincoln	3	100	952	0	0.0%	0.48	0.19	0.00	0.00	0.10	0.15
11S32W	Logan	35	2,483	3,113	1	0.0%	1.01	1.03	1.05	0.48	0.80	0.87
11S33W	Logan	23	1,508	2,185	0	0.0%	1.00	0.86	0.97	0.44	0.69	0.79
11S36W	Logan	5	682	866	0	0.0%	0.90	0.79	1.02	0.63	0.79	0.83
13S37W	Logan	10	491	725	0	0.0%	0.65	0.72	0.49	0.63	0.68	0.63
19S02E	Marion	0	0	0	0	0.0%	0.00	0.00	0.00	0.19	0.00	0.04
20S02E	Marion	0	0	0	0	0.0%	0.67	0.00	0.00	0.00	0.00	0.13
02S07E	Marshall	7	303	756	0	0.0%	0.70	0.51	0.34	0.34	0.40	0.46
17S03W	McPherson	30	815	1,566	0	0.0%	0.82	0.73	0.60	0.41	0.52	0.62
17S04W	McPherson	33	1,049	2,340	0	0.0%	0.90	0.57	0.49	0.42	0.45	0.57
17S05W	McPherson	24	1,010	1,522	0	0.0%	0.66	0.60	0.57	0.43	0.66	0.58
18S03W	McPherson	8	462	827	0	0.0%	0.93	0.60	0.51	0.40	0.56	0.60
18S04W	McPherson	27	1,894	2,819	40	2.1%	0.96	0.67	0.55	0.53	0.67	0.68
19S03W	McPherson	10	689	1,065	0	0.0%	0.93	0.51	0.59	0.56	0.65	0.65
19S04W	McPherson	29	2,336	3,041	37	1.6%	0.96	0.57	0.63	0.78	0.77	0.74
20S01W	McPherson	26	1,307	1,840	1	0.1%	0.91	0.63	0.45	0.58	0.71	0.66
20S03W	McPherson	24	1,836	2,893	1	0.1%	1.11	0.69	0.57	0.87	0.63	0.77
20S04W	McPherson	42	3,651	4,360	0	0.0%	1.16	0.75	0.65	0.86	0.84	0.85
21S02W	McPherson	22	1,551	2,181	0	0.0%	0.94	0.58	0.48	0.58	0.71	0.66
21S03W	McPherson	55	6,045	7,102	5	0.1%	1.11	0.78	0.64	0.81	0.85	0.84
21S04W	McPherson	22	2,249	2,732	0	0.0%	0.87	0.59	0.51	0.68	0.82	0.69
30S26W	Meade	36	7,486	6,055	4	0.1%	1.08	1.07	1.11	1.16	1.24	1.13
30S27W	Meade	65	14,777	10,583	33	0.2%	1.27	1.21	1.32	1.37	1.40	1.31
30S28W	Meade	46	14,458	9,535	19	0.1%	1.63	1.41	1.56	1.51	1.52	1.53
30S29W	Meade	59	17,400	11,001	93	0.5%	1.86	1.66	1.69	1.63	1.58	1.68
30S30W	Meade	61	17,168	13,796	2	0.0%	1.38	1.28	1.35	1.33	1.24	1.32
31S26W	Meade	4	472	880	0	0.0%	0.50	0.36	0.62	0.80	0.54	0.56
31S27W	Meade	37	5,771	4,799	67	1.2%	1.00	1.01	1.22	1.16	1.20	1.12
31S28W	Meade	33	9,178	6,933	80	0.9%	1.26	1.34	1.31	1.27	1.32	1.30
31S29W	Meade	52	17,513	11,237	167	1.0%	1.66	1.59	1.58	1.55	1.56	1.59
31S30W	Meade	47	15,449	11,918	24	0.2%	1.51	1.39	1.32	1.24	1.30	1.35
32S27W	Meade	0	0	0	0	0.0%	0.72	0.00	0.77	0.72	0.00	0.44
32S28W	Meade	13	1,898	1,544	24	1.3%	1.09	1.03	1.29	1.08	1.23	1.14
32S29W	Meade	23	7,576	5,087	92	1.2%	1.71	1.48	1.57	1.50	1.49	1.55
32S30W	Meade	42	15,134	11,657	90	0.6%	1.23	1.26	1.45	1.33	1.30	1.31
33S29W	Meade	11	2,912	1,968	0	0.0%	1.11	1.00	1.54	1.25	1.48	1.28
33S30W	Meade	46	14,184	11,402	69	0.5%	1.28	1.13	1.48	1.22	1.24	1.27
34S30W	Meade	16	4,369	3,724	77	1.8%	1.17	0.97	1.49	1.25	1.17	1.21
15S24E	Miami	8	290	920	1	0.3%	0.49	0.42	0.32	0.29	0.32	0.37
06S09W	Mitchell	7	660	733	20	3.0%	1.17	1.11	0.85	1.08	0.90	1.02
07S06W	Mitchell	9	377	772	0	0.0%	0.78	0.50	0.33	1.10	0.49	0.64
07S07W	Mitchell	21	1,293	1,930	0	0.0%	1.02	0.79	0.30	0.83	0.67	0.72
07S08W	Mitchell	25	1,766	2,050	185	10.5%	0.93	0.63	0.57	0.83	0.86	0.76

**Table 11**  
**SELECTED WATER USE STATISTICS BY LEGAL TOWNSHIP <sup>a/</sup>**  
**KANSAS, 2006-2010**

Township and Range	County	2010					Acre-feet per acre (AF/A) <sup>b/</sup>					
		No. of Pd's	Water Use (AF)	Acres Irrigated	Use above Reg. Std. (AF)	Use above Reg. Std. (Pct.)	2006	2007	2008	2009	2010	Avg.
32S15E	Montgomery	3	122	640	0	0.0%	0.19	0.00	0.00	0.24	0.19	0.12
31S40W	Morton	9	1,511	2,008	51	3.4%	0.76	0.73	0.98	0.76	0.75	0.80
31S42W	Morton	13	2,407	1,363	146	6.1%	1.33	0.81	1.23	1.47	1.77	1.32
32S40W	Morton	7	2,278	1,928	0	0.0%	0.92	0.88	1.15	1.26	1.18	1.08
32S41W	Morton	11	2,453	2,304	152	6.2%	0.85	0.83	1.06	0.78	1.06	0.92
32S42W	Morton	28	5,179	4,341	133	2.6%	0.67	0.80	0.98	1.01	1.19	0.93
32S43W	Morton	11	2,467	1,625	0	0.0%	1.43	1.40	1.33	1.38	1.52	1.41
33S40W	Morton	4	1,078	991	0	0.0%	1.57	1.37	1.30	1.18	1.09	1.30
33S41W	Morton	3	594	650	0	0.0%	0.00	0.00	0.00	0.00	0.91	0.18
33S42W	Morton	14	1,680	1,330	0	0.0%	0.26	0.36	0.73	0.73	1.26	0.67
33S43W	Morton	8	2,460	1,981	0	0.0%	0.99	1.19	1.31	1.17	1.24	1.18
34S40W	Morton	12	2,511	2,897	0	0.0%	0.57	0.89	0.89	0.79	0.87	0.80
34S41W	Morton	6	650	940	0	0.0%	0.67	0.75	0.73	0.82	0.69	0.73
35S40W	Morton	14	2,931	2,473	43	1.5%	0.53	0.97	1.28	1.19	1.19	1.03
35S42W	Morton	5	996	777	0	0.0%	1.34	1.19	1.74	1.39	1.28	1.39
35S43W	Morton	10	2,004	1,781	1	0.0%	1.22	0.93	1.42	0.80	1.13	1.10
19S22W	Ness	10	290	714	0	0.0%	0.00	0.00	0.00	0.00	0.41	0.08
20S22W	Ness	16	1,165	1,074	0	0.0%	1.04	0.67	1.05	1.03	1.08	0.97
20S23W	Ness	23	1,375	1,437	16	1.2%	1.32	0.68	1.20	1.07	0.96	1.05
01S21W	Norton	19	763	1,113	0	0.0%	0.71	0.70	0.67	0.64	0.69	0.68
02S21W	Norton	46	2,655	2,585	6	0.2%	1.02	1.11	0.86	0.84	1.03	0.97
02S22W	Norton	18	862	910	0	0.0%	0.97	0.78	0.99	0.70	0.95	0.88
02S23W	Norton	10	521	936	0	0.0%	1.04	0.00	0.00	0.00	0.56	0.32
03S25W	Norton	10	629	690	4	0.6%	1.01	0.84	1.01	0.76	0.91	0.91
05S23W	Norton	0	0	0	0	0.0%	0.86	0.00	0.00	0.00	0.00	0.17
06S11W	Osborne	0	0	0	0	0.0%	0.84	0.82	0.00	0.89	0.00	0.51
06S12W	Osborne	17	476	1,016	0	0.0%	1.16	0.89	0.78	0.98	0.47	0.86
10S04W	Ottawa	7	293	733	0	0.0%	0.62	0.53	0.22	0.39	0.40	0.43
11S03W	Ottawa	16	520	1,346	9	1.7%	0.50	0.58	0.40	0.36	0.39	0.45
20S16W	Pawnee	5	486	1,026	0	0.0%	0.31	0.12	0.00	0.28	0.47	0.24
21S15W	Pawnee	67	8,578	7,464	118	1.4%	0.98	0.98	0.83	0.97	1.15	0.98
21S16W	Pawnee	32	3,222	3,163	29	0.9%	0.89	0.81	0.81	0.85	1.02	0.88
21S17W	Pawnee	0	0	0	0	0.0%	0.87	0.48	0.76	0.78	0.00	0.58
21S18W	Pawnee	21	2,012	1,959	16	0.8%	1.08	0.66	0.93	0.87	1.03	0.91
21S19W	Pawnee	46	5,491	5,375	184	3.4%	0.94	0.67	0.81	0.88	1.02	0.86
21S20W	Pawnee	49	5,188	5,364	0	0.0%	1.03	0.74	0.89	0.79	0.97	0.88
22S15W	Pawnee	70	9,695	8,774	53	0.5%	0.94	0.88	0.70	0.86	1.10	0.90
22S16W	Pawnee	62	8,042	7,257	121	1.5%	1.04	0.87	0.81	0.87	1.11	0.94
22S17W	Pawnee	42	4,917	4,849	25	0.5%	1.06	0.62	0.82	0.82	1.01	0.87
22S18W	Pawnee	37	3,885	4,316	111	2.9%	0.84	0.63	0.82	0.84	0.90	0.81
22S19W	Pawnee	43	4,427	5,802	0	0.0%	0.79	0.53	0.64	0.64	0.76	0.67
22S20W	Pawnee	7	495	777	0	0.0%	0.35	0.30	0.00	0.53	0.64	0.36
23S15W	Pawnee	44	5,832	5,031	104	1.8%	1.05	0.94	0.80	0.89	1.16	0.97
23S16W	Pawnee	58	7,406	6,861	66	0.9%	0.98	0.67	0.77	0.88	1.08	0.88
23S17W	Pawnee	47	5,707	5,714	0	0.0%	0.90	0.69	0.71	0.82	1.00	0.82
23S18W	Pawnee	6	500	866	0	0.0%	0.76	0.76	0.84	0.69	0.58	0.73
01S19W	Phillips	29	1,136	1,563	0	0.0%	0.71	0.79	0.75	0.89	0.73	0.77
01S20W	Phillips	56	2,344	3,361	30	1.3%	0.98	0.71	0.81	0.71	0.70	0.78
02S20W	Phillips	10	519	705	16	3.1%	0.82	0.79	0.75	0.86	0.74	0.79
04S16W	Phillips	17	586	1,262	0	0.0%	0.73	0.55	0.53	0.48	0.46	0.55

**Table 11**  
**SELECTED WATER USE STATISTICS BY LEGAL TOWNSHIP <sup>a/</sup>**  
**KANSAS, 2006-2010**

Township and Range	County	2010					Acre-feet per acre (AF/A) <sup>b/</sup>					
		No. of Pd's	Water Use (AF)	Acres Irrigated	Use above Reg. Std. (AF)	Use above Reg. Std. (Pct.)	2006	2007	2008	2009	2010	Avg.
08S11E	Pottawatomie	5	187	684	0	0.0%	0.35	0.43	0.23	0.00	0.27	0.26
09S10E	Pottawatomie	17	257	1,911	0	0.0%	0.60	0.29	0.13	0.00	0.13	0.23
09S11E	Pottawatomie	26	694	2,564	0	0.0%	0.57	0.32	0.14	0.06	0.27	0.27
10S08E	Pottawatomie	13	697	2,629	0	0.0%	0.57	0.40	0.21	0.13	0.27	0.32
26S11W	Pratt	23	3,036	2,902	9	0.3%	1.09	0.79	0.84	1.05	1.05	0.96
26S12W	Pratt	26	3,326	3,525	0	0.0%	1.08	0.73	0.90	0.88	0.94	0.91
26S13W	Pratt	48	6,505	6,172	14	0.2%	1.00	0.81	1.01	0.97	1.05	0.97
26S14W	Pratt	73	10,553	9,209	5	0.0%	1.05	0.83	1.11	1.10	1.15	1.05
26S15W	Pratt	52	7,934	6,583	3	0.0%	1.32	0.92	1.17	1.10	1.21	1.14
27S11W	Pratt	20	3,092	2,429	90	2.9%	1.13	0.88	1.01	1.25	1.27	1.11
27S12W	Pratt	17	1,976	1,682	35	1.8%	1.08	0.85	0.94	1.21	1.17	1.05
27S13W	Pratt	33	3,957	3,779	12	0.3%	1.02	0.78	1.06	1.14	1.05	1.01
27S14W	Pratt	55	8,205	7,474	42	0.5%	1.04	0.73	0.99	1.02	1.10	0.98
27S15W	Pratt	52	8,539	7,397	7	0.1%	1.07	0.79	1.08	1.14	1.15	1.05
28S11W	Pratt	34	5,430	4,759	22	0.4%	1.19	0.88	0.95	1.16	1.14	1.06
28S12W	Pratt	22	3,000	2,831	1	0.0%	1.16	0.70	1.00	1.15	1.06	1.01
28S13W	Pratt	24	2,751	2,264	20	0.7%	1.06	0.72	0.97	1.26	1.22	1.05
28S14W	Pratt	27	3,981	3,524	21	0.5%	0.98	0.84	1.16	1.22	1.13	1.07
28S15W	Pratt	30	3,509	4,002	0	0.0%	0.99	0.66	1.06	0.93	0.88	0.90
29S11W	Pratt	33	5,307	4,439	19	0.4%	1.27	0.94	0.90	1.21	1.20	1.10
29S12W	Pratt	35	4,549	3,978	20	0.4%	1.02	0.71	0.81	1.04	1.14	0.94
29S13W	Pratt	20	2,840	2,467	90	3.2%	1.12	0.74	1.12	1.18	1.15	1.06
29S14W	Pratt	27	4,135	3,710	43	1.0%	1.02	0.62	1.08	1.19	1.11	1.00
29S15W	Pratt	19	2,243	2,217	0	0.0%	0.91	0.68	0.98	1.05	1.01	0.93
02S32W	Rawlins	11	765	840	0	0.0%	1.06	1.02	0.91	0.77	0.91	0.93
02S36W	Rawlins	9	665	744	0	0.0%	0.98	1.00	0.90	0.78	0.89	0.91
03S33W	Rawlins	19	738	888	19	2.6%	1.04	0.77	0.84	0.53	0.83	0.80
03S34W	Rawlins	11	458	705	0	0.0%	1.09	0.62	0.58	0.00	0.65	0.59
03S36W	Rawlins	25	2,435	2,977	0	0.0%	1.14	1.12	1.08	0.71	0.82	0.97
04S33W	Rawlins	14	992	1,056	0	0.0%	1.04	0.62	0.85	0.71	0.94	0.83
04S36W	Rawlins	23	1,912	2,451	0	0.0%	1.07	1.05	1.06	0.67	0.78	0.93
05S31W	Rawlins	0	0	0	0	0.0%	0.54	0.00	0.00	0.00	0.00	0.11
05S33W	Rawlins	8	526	689	0	0.0%	0.00	0.00	0.66	0.58	0.76	0.40
05S34W	Rawlins	20	2,018	2,113	0	0.0%	1.19	1.00	0.82	0.93	0.95	0.98
05S35W	Rawlins	5	492	679	0	0.0%	0.82	0.00	0.00	0.46	0.72	0.40
05S36W	Rawlins	13	1,540	1,768	0	0.0%	0.81	0.84	0.94	0.86	0.87	0.86
22S04W	Reno	19	2,068	2,417	0	0.0%	1.05	0.74	0.59	0.76	0.86	0.80
22S06W	Reno	28	1,840	2,326	0	0.0%	0.95	0.74	0.42	0.54	0.79	0.69
22S07W	Reno	26	2,282	2,469	0	0.0%	1.16	0.88	0.58	0.74	0.92	0.86
23S04W	Reno	11	1,019	1,173	0	0.0%	0.97	0.75	0.61	0.64	0.87	0.77
23S05W	Reno	17	881	1,128	2	0.2%	0.88	0.62	0.45	0.63	0.78	0.67
23S06W	Reno	9	687	820	0	0.0%	0.95	1.11	0.65	0.69	0.84	0.85
23S10W	Reno	6	566	732	0	0.0%	1.06	0.92	0.79	0.83	0.77	0.87
24S04W	Reno	64	6,104	6,419	0	0.0%	0.99	0.74	0.67	0.79	0.95	0.83
24S05W	Reno	36	4,160	3,964	132	3.2%	1.03	0.85	0.64	0.81	1.05	0.88
24S06W	Reno	31	2,435	2,824	0	0.0%	1.04	0.84	0.60	0.75	0.86	0.82
24S07W	Reno	37	3,606	3,835	2	0.1%	1.16	0.91	0.67	0.91	0.94	0.92
24S09W	Reno	5	834	650	19	2.3%	1.28	0.99	0.95	0.91	1.28	1.08
24S10W	Reno	12	1,606	1,470	8	0.5%	0.91	0.81	0.73	0.91	1.09	0.89
25S04W	Reno	22	2,009	2,402	5	0.2%	0.83	0.70	0.55	0.83	0.84	0.75

**Table 11**  
**SELECTED WATER USE STATISTICS BY LEGAL TOWNSHIP <sup>a/</sup>**  
**KANSAS, 2006-2010**

Township and Range	County	2010					Acre-feet per acre (AF/A) <sup>b/</sup>					
		No. of Pd's	Water Use (AF)	Acres Irrigated	Use above Reg. Std. (AF)	Use above Reg. Std. (Pct.)	2006	2007	2008	2009	2010	Avg.
25S07W	Reno	13	1,292	1,341	0	0.0%	1.27	1.07	0.81	0.95	0.96	1.01
25S08W	Reno	11	1,504	1,444	0	0.0%	1.09	1.20	0.85	0.97	1.04	1.03
25S09W	Reno	24	3,690	2,868	149	4.0%	1.06	0.85	0.81	1.16	1.29	1.03
25S10W	Reno	24	3,162	2,756	85	2.7%	1.07	0.93	0.72	0.95	1.15	0.96
26S06W	Reno	45	5,568	4,800	37	0.7%	1.14	1.08	0.82	1.11	1.16	1.06
26S07W	Reno	25	3,425	2,592	0	0.0%	1.34	1.19	0.99	1.20	1.32	1.21
26S09W	Reno	13	1,773	1,748	0	0.0%	1.15	0.77	0.77	1.01	1.01	0.94
26S10W	Reno	18	2,397	2,189	0	0.0%	0.96	0.90	0.96	1.13	1.09	1.01
01S03W	Republic	54	3,932	7,050	0	0.0%	0.77	0.69	0.40	0.54	0.56	0.59
01S04W	Republic	75	3,884	7,927	0	0.0%	0.76	0.72	0.37	0.57	0.49	0.58
01S05W	Republic	43	2,027	3,345	18	0.9%	0.53	0.53	0.45	0.50	0.61	0.52
02S05W	Republic	13	785	1,188	22	2.8%	0.68	0.59	0.46	0.60	0.66	0.60
03S04W	Republic	41	1,966	3,286	1	0.1%	0.67	0.59	0.54	0.60	0.60	0.60
04S04W	Republic	71	4,710	6,061	69	1.5%	0.97	0.84	0.67	0.71	0.78	0.79
19S10W	Rice	8	1,059	1,004	0	0.0%	1.03	0.64	0.79	0.91	1.05	0.88
20S08W	Rice	36	3,787	3,991	22	0.6%	1.10	0.66	0.57	0.65	0.95	0.79
20S09W	Rice	21	2,253	2,323	0	0.0%	1.05	0.67	0.54	0.72	0.97	0.79
20S10W	Rice	9	1,185	1,021	0	0.0%	0.81	0.81	0.67	0.83	1.16	0.86
21S07W	Rice	22	1,999	2,226	9	0.5%	1.04	0.70	0.54	0.65	0.90	0.77
21S08W	Rice	51	5,064	5,539	20	0.4%	1.19	0.78	0.59	0.75	0.91	0.84
21S09W	Rice	40	4,623	4,742	32	0.7%	1.25	0.88	0.68	0.70	0.97	0.90
21S10W	Rice	6	818	778	0	0.0%	1.17	0.80	0.81	0.72	1.05	0.91
22S08W	Rice	7	968	737	18	1.9%	1.48	0.95	0.58	0.86	1.31	1.04
09S08E	Riley	6	217	884	0	0.0%	0.38	0.24	0.17	0.07	0.25	0.22
10S07E	Riley	15	315	932	0	0.0%	0.68	0.55	0.30	0.23	0.34	0.42
10S08E	Riley	9	247	883	0	0.0%	0.71	0.53	0.22	0.12	0.28	0.37
10S09E	Riley	16	556	1,733	0	0.0%	0.55	0.43	0.20	0.18	0.32	0.34
11S07E	Riley	0	0	0	0	0.0%	0.51	0.32	0.22	0.20	0.00	0.25
18S16W	Rush	27	2,010	2,647	0	0.0%	0.99	0.72	0.49	0.75	0.76	0.74
18S17W	Rush	50	1,880	2,580	14	0.7%	0.85	0.72	0.51	0.76	0.73	0.71
18S18W	Rush	52	2,222	2,292	45	2.0%	1.02	0.80	0.72	1.01	0.97	0.90
18S19W	Rush	38	1,758	2,127	0	0.0%	0.81	0.68	0.76	0.87	0.83	0.79
18S20W	Rush	16	847	968	8	0.9%	0.51	0.00	0.45	0.73	0.88	0.51
16S02W	Saline	15	569	1,044	0	0.0%	0.57	0.45	0.00	0.00	0.54	0.31
16S03W	Saline	19	848	1,326	0	0.0%	0.94	0.64	0.40	0.27	0.64	0.58
16S33W	Scott	13	671	752	0	0.0%	0.67	0.61	1.23	0.77	0.89	0.83
16S34W	Scott	62	3,963	5,185	4	0.1%	0.83	0.88	0.96	0.79	0.76	0.84
17S31W	Scott	35	4,026	4,355	0	0.0%	1.19	1.02	1.20	0.98	0.92	1.06
17S32W	Scott	47	5,523	6,908	0	0.0%	0.94	0.78	1.00	0.87	0.80	0.88
17S33W	Scott	54	4,423	5,105	0	0.0%	0.94	0.80	1.03	0.82	0.87	0.89
17S34W	Scott	31	2,315	3,049	8	0.3%	0.81	0.77	0.76	0.78	0.76	0.78
18S31W	Scott	12	952	952	0	0.0%	1.14	1.22	1.12	1.04	1.00	1.10
18S32W	Scott	36	4,172	4,216	83	2.0%	1.19	1.08	1.21	1.08	0.99	1.11
18S33W	Scott	39	3,801	4,276	0	0.0%	0.91	0.88	0.97	0.88	0.89	0.91
18S34W	Scott	9	530	693	0	0.0%	0.48	0.53	0.71	0.91	0.76	0.68
19S31W	Scott	8	536	658	0	0.0%	0.65	0.56	0.72	0.86	0.82	0.72
19S32W	Scott	9	593	939	0	0.0%	1.04	1.07	1.22	0.90	0.63	0.97
19S33W	Scott	31	3,871	4,280	0	0.0%	1.21	0.92	0.90	0.86	0.90	0.96
20S32W	Scott	16	1,885	1,514	6	0.3%	1.23	1.14	1.33	1.23	1.24	1.23
20S33W	Scott	48	3,771	5,048	35	0.9%	0.71	0.75	0.71	0.68	0.75	0.72

**Table 11**  
**SELECTED WATER USE STATISTICS BY LEGAL TOWNSHIP <sup>a/</sup>**  
**KANSAS, 2006-2010**

Township and Range	County	2010					Acre-feet per acre (AF/A) <sup>b/</sup>					
		No. of Pd's	Water Use (AF)	Acres Irrigated	Use above Reg. Std. (AF)	Use above Reg. Std. (Pct.)	2006	2007	2008	2009	2010	Avg.
25S01W	Sedgwick	60	4,857	5,836	0	0.0%	0.99	0.77	0.61	0.68	0.83	0.78
25S02W	Sedgwick	76	6,836	6,961	78	1.1%	1.00	0.89	0.83	0.87	0.98	0.91
25S03W	Sedgwick	74	6,344	7,691	66	1.0%	0.90	0.68	0.64	0.70	0.82	0.75
26S01W	Sedgwick	41	2,080	2,616	36	1.7%	1.02	0.79	0.49	0.50	0.80	0.72
26S02W	Sedgwick	54	4,468	4,887	8	0.2%	0.93	0.88	0.70	0.68	0.91	0.82
26S03W	Sedgwick	14	1,152	1,359	35	3.0%	0.91	0.72	0.57	0.79	0.85	0.77
27S01W	Sedgwick	27	709	646	23	3.2%	0.00	0.00	0.00	0.75	1.10	0.37
28S01W	Sedgwick	17	1,098	1,448	0	0.0%	0.67	0.48	0.41	0.53	0.76	0.57
29S01E	Sedgwick	56	2,617	4,349	21	0.8%	0.90	0.49	0.31	0.47	0.60	0.55
29S01W	Sedgwick	24	1,828	2,664	0	0.0%	0.99	0.71	0.29	0.62	0.69	0.66
31S31W	Seward	50	13,040	12,249	15	0.1%	1.11	1.04	1.17	1.05	1.06	1.09
31S32W	Seward	47	13,306	12,736	115	0.9%	1.12	1.22	1.31	1.18	1.04	1.17
31S33W	Seward	44	13,947	9,156	356	2.6%	1.32	1.41	1.43	1.51	1.52	1.44
31S34W	Seward	16	5,079	3,471	119	2.3%	1.62	1.41	1.62	1.35	1.46	1.49
32S31W	Seward	37	12,803	9,620	26	0.2%	1.28	1.38	1.60	1.40	1.33	1.40
32S32W	Seward	55	15,953	13,309	69	0.4%	1.25	1.24	1.43	1.23	1.20	1.27
32S33W	Seward	41	10,512	7,244	141	1.3%	1.49	1.40	1.51	1.42	1.45	1.45
32S34W	Seward	47	11,250	9,266	2	0.0%	1.21	1.31	1.41	1.30	1.21	1.29
33S31W	Seward	33	13,201	8,983	56	0.4%	1.53	1.44	1.49	1.45	1.47	1.48
33S32W	Seward	20	4,816	3,507	23	0.5%	1.63	1.54	1.60	1.32	1.37	1.49
33S33W	Seward	41	10,757	7,576	116	1.1%	1.51	1.42	1.35	1.33	1.42	1.41
33S34W	Seward	21	7,606	5,934	162	2.1%	1.46	1.25	1.41	1.31	1.28	1.34
34S31W	Seward	6	1,554	930	0	0.0%	1.54	1.56	1.46	1.15	1.67	1.48
34S32W	Seward	20	5,618	4,525	23	0.4%	1.28	1.01	1.37	1.12	1.24	1.20
34S33W	Seward	22	5,283	4,485	52	1.0%	1.04	1.21	1.26	1.23	1.18	1.18
34S34W	Seward	40	14,854	9,470	273	1.8%	1.52	1.25	1.55	1.11	1.57	1.40
35S31W	Seward	7	2,029	1,125	22	1.1%	1.71	1.53	1.27	0.71	1.80	1.40
35S34W	Seward	9	2,013	2,074	0	0.0%	0.89	0.94	1.20	0.92	0.97	0.98
10S13E	Shawnee	46	1,241	3,505	0	0.0%	0.53	0.47	0.30	0.15	0.35	0.36
11S14E	Shawnee	55	1,717	5,273	1	0.1%	0.59	0.44	0.37	0.07	0.33	0.36
11S15E	Shawnee	25	482	1,671	3	0.6%	0.40	0.39	0.29	0.10	0.29	0.29
11S16E	Shawnee	11	371	837	2	0.5%	0.58	0.47	0.36	0.10	0.44	0.39
11S17E	Shawnee	23	389	1,765	0	0.0%	0.39	0.41	0.33	0.10	0.22	0.29
06S26W	Sheridan	7	1,365	1,081	0	0.0%	1.25	1.20	0.98	0.74	1.26	1.09
06S27W	Sheridan	19	2,311	2,124	0	0.0%	1.07	1.19	0.92	0.42	1.09	0.94
06S28W	Sheridan	15	1,870	1,773	0	0.0%	1.17	1.09	0.92	0.67	1.05	0.98
06S29W	Sheridan	29	3,272	3,456	18	0.6%	1.14	1.04	0.87	0.72	0.95	0.94
06S30W	Sheridan	22	2,468	2,571	0	0.0%	1.30	1.21	1.08	0.81	0.96	1.07
07S26W	Sheridan	19	2,861	2,287	5	0.2%	1.33	1.18	1.00	0.83	1.25	1.12
07S27W	Sheridan	24	3,626	3,523	0	0.0%	0.98	1.00	0.90	0.66	1.03	0.91
07S28W	Sheridan	47	6,813	5,948	0	0.0%	1.24	1.13	1.04	0.86	1.15	1.08
07S29W	Sheridan	65	9,573	9,195	0	0.0%	0.81	1.14	1.06	0.87	1.04	0.98
07S30W	Sheridan	43	6,766	6,229	34	0.5%	1.33	1.18	1.11	0.88	1.09	1.12
08S26W	Sheridan	8	767	782	0	0.0%	1.00	0.87	0.92	0.78	0.98	0.91
08S27W	Sheridan	8	671	749	0	0.0%	0.98	0.74	0.81	0.58	0.90	0.80
08S28W	Sheridan	26	2,723	2,538	32	1.2%	1.23	1.17	1.08	0.88	1.07	1.09
08S29W	Sheridan	41	5,158	5,483	0	0.0%	0.85	1.01	0.95	0.69	0.94	0.89
08S30W	Sheridan	72	9,420	9,295	3	0.0%	1.08	1.14	1.11	0.87	1.01	1.04
09S26W	Sheridan	7	831	695	0	0.0%	0.00	0.00	0.83	0.85	1.20	0.58
09S27W	Sheridan	11	1,466	1,260	33	2.3%	0.92	0.83	0.86	0.59	1.16	0.87

**Table 11**  
**SELECTED WATER USE STATISTICS BY LEGAL TOWNSHIP <sup>a/</sup>**  
**KANSAS, 2006-2010**

Township and Range	County	2010					Acre-feet per acre (AF/A) <sup>b/</sup>					
		No. of Pd's	Water Use (AF)	Acres Irrigated	Use above Reg. Std. (AF)	Use above Reg. Std. (Pct.)	2006	2007	2008	2009	2010	Avg.
09S28W	Sheridan	26	2,431	2,459	13	0.5%	0.94	0.95	0.82	0.63	0.99	0.87
09S29W	Sheridan	26	2,165	2,656	0	0.0%	0.92	0.93	0.87	0.70	0.82	0.85
09S30W	Sheridan	51	5,718	6,474	0	0.0%	0.99	0.92	0.87	0.70	0.88	0.87
10S26W	Sheridan	23	889	1,109	0	0.0%	0.60	0.75	0.63	0.52	0.80	0.66
10S27W	Sheridan	11	590	712	0	0.0%	0.64	0.49	0.65	0.53	0.83	0.63
10S28W	Sheridan	8	570	717	0	0.0%	0.90	0.74	0.70	0.68	0.79	0.76
10S29W	Sheridan	22	1,515	2,057	0	0.0%	0.93	0.70	0.78	0.58	0.74	0.75
10S30W	Sheridan	33	2,572	2,572	0	0.0%	1.13	1.04	1.03	0.79	1.00	1.00
06S37W	Sherman	25	4,290	3,321	0	0.0%	1.26	1.24	1.26	1.09	1.29	1.23
06S38W	Sherman	11	1,572	1,347	0	0.0%	1.14	1.08	0.99	1.28	1.17	1.13
06S39W	Sherman	17	2,902	2,675	0	0.0%	1.36	1.29	1.22	0.95	1.09	1.18
06S40W	Sherman	23	3,498	4,758	0	0.0%	1.03	0.97	0.94	0.73	0.74	0.88
06S41W	Sherman	21	3,706	4,282	0	0.0%	1.05	1.08	1.05	0.77	0.87	0.96
06S42W	Sherman	25	2,938	3,890	10	0.3%	1.28	1.28	1.08	0.78	0.76	1.04
07S37W	Sherman	31	5,370	4,959	0	0.0%	1.23	1.24	1.25	0.81	1.08	1.12
07S38W	Sherman	16	3,817	2,968	0	0.0%	1.55	1.46	1.43	0.80	1.29	1.31
07S39W	Sherman	25	3,665	3,918	0	0.0%	1.12	1.14	1.25	0.79	0.94	1.05
07S40W	Sherman	37	5,557	5,079	150	2.7%	1.03	1.53	1.18	0.81	1.09	1.13
07S41W	Sherman	24	3,541	4,337	31	0.9%	0.99	1.08	1.11	0.84	0.82	0.97
07S42W	Sherman	24	3,554	3,739	19	0.5%	1.13	1.08	1.00	0.79	0.95	0.99
08S37W	Sherman	34	5,351	5,268	0	0.0%	1.30	1.13	1.31	0.77	1.02	1.11
08S38W	Sherman	27	4,119	4,108	59	1.4%	1.17	1.19	1.20	0.63	1.00	1.04
08S39W	Sherman	59	6,736	7,162	55	0.8%	1.05	1.16	1.18	0.59	0.94	0.98
08S40W	Sherman	49	5,952	5,498	0	0.0%	1.14	1.18	1.20	1.11	1.08	1.14
08S41W	Sherman	24	3,843	3,011	0	0.0%	1.46	1.44	1.38	1.30	1.28	1.37
08S42W	Sherman	37	4,827	4,894	0	0.0%	1.07	1.19	1.19	0.92	0.99	1.07
09S39W	Sherman	18	1,610	2,326	0	0.0%	0.88	0.93	0.99	0.63	0.69	0.82
09S40W	Sherman	52	6,111	7,154	0	0.0%	1.06	1.09	1.06	0.88	0.85	0.99
09S41W	Sherman	75	8,111	8,816	0	0.0%	1.11	1.01	0.98	0.90	0.92	0.98
09S42W	Sherman	52	5,882	6,158	0	0.0%	1.03	1.05	1.06	0.99	0.96	1.02
10S37W	Sherman	13	2,129	2,040	0	0.0%	1.35	1.08	1.21	1.05	1.04	1.15
10S40W	Sherman	16	1,783	2,128	0	0.0%	1.27	1.15	1.28	0.95	0.84	1.10
10S41W	Sherman	22	2,560	2,938	0	0.0%	0.89	0.94	1.18	1.03	0.87	0.98
10S42W	Sherman	29	4,350	4,254	0	0.0%	1.16	1.21	1.16	1.05	1.02	1.12
05S13W	Smith	14	250	659	0	0.0%	0.79	0.37	0.38	0.36	0.38	0.46
05S14W	Smith	7	174	640	0	0.0%	0.00	0.00	0.00	0.00	0.27	0.05
21S12W	Stafford	47	7,573	5,661	162	2.1%	1.15	1.00	0.84	1.01	1.34	1.07
21S13W	Stafford	40	4,934	4,243	0	0.0%	1.04	0.91	0.71	0.88	1.16	0.94
21S14W	Stafford	54	8,046	6,839	106	1.3%	1.01	0.94	0.71	0.93	1.18	0.95
22S13W	Stafford	43	6,654	5,241	120	1.8%	1.31	0.86	0.83	0.94	1.27	1.04
22S14W	Stafford	59	8,703	7,353	37	0.4%	1.14	1.01	0.81	0.98	1.18	1.02
23S12W	Stafford	14	1,750	1,592	1	0.1%	1.16	0.75	0.64	0.75	1.10	0.88
23S13W	Stafford	41	5,932	4,781	52	0.9%	1.28	0.90	0.89	1.00	1.24	1.06
23S14W	Stafford	52	6,822	5,940	28	0.4%	1.06	1.00	0.90	0.92	1.15	1.01
24S11W	Stafford	10	1,054	1,125	0	0.0%	1.15	0.79	0.76	0.88	0.94	0.90
24S12W	Stafford	24	3,143	2,794	10	0.3%	1.10	0.91	0.97	1.03	1.12	1.03
24S13W	Stafford	49	6,956	5,850	146	2.1%	1.09	0.83	1.03	0.86	1.19	1.00
24S14W	Stafford	36	4,774	4,523	35	0.7%	1.09	0.79	0.94	0.85	1.06	0.95
24S15W	Stafford	35	4,114	3,946	61	1.5%	1.22	0.81	1.01	0.99	1.04	1.01
25S11W	Stafford	26	3,959	3,270	15	0.4%	1.02	0.82	0.83	0.91	1.21	0.96



**Table 11**  
**SELECTED WATER USE STATISTICS BY LEGAL TOWNSHIP <sup>a/</sup>**  
**KANSAS, 2006-2010**

Township and Range	County	2010					Acre-feet per acre (AF/A) <sup>b/</sup>					
		No. of Pd's	Water Use (AF)	Acres Irrigated	Use above Reg. Std. (AF)	Use above Reg. Std. (Pct.)	2006	2007	2008	2009	2010	Avg.
25S12W	Stafford	28	3,742	3,510	24	0.6%	1.12	0.95	1.02	0.96	1.07	1.02
25S13W	Stafford	51	7,521	6,660	46	0.6%	1.12	0.82	0.99	0.93	1.13	1.00
25S14W	Stafford	43	6,371	5,346	86	1.3%	1.27	0.81	1.07	0.95	1.19	1.06
25S15W	Stafford	26	4,065	3,281	109	2.7%	1.26	0.95	1.06	1.07	1.24	1.12
27S39W	Stanton	21	4,716	7,780	0	0.0%	0.95	1.12	0.74	0.91	0.61	0.87
27S40W	Stanton	28	7,691	6,539	52	0.7%	1.15	1.15	1.17	1.01	1.18	1.13
27S41W	Stanton	28	6,896	7,157	17	0.2%	1.19	1.00	1.05	0.81	0.96	1.00
27S42W	Stanton	30	7,259	6,669	0	0.0%	1.05	0.89	1.09	0.91	1.09	1.01
27S43W	Stanton	11	3,831	2,758	0	0.0%	1.01	0.92	1.03	1.05	1.39	1.08
28S39W	Stanton	31	7,972	7,538	0	0.0%	0.96	0.85	1.10	0.99	1.06	0.99
28S40W	Stanton	46	14,713	13,556	13	0.1%	1.24	1.12	1.41	1.25	1.09	1.22
28S41W	Stanton	26	6,013	5,956	50	0.8%	1.16	0.84	1.10	0.84	1.01	0.99
28S42W	Stanton	14	3,836	3,790	52	1.4%	1.13	0.83	1.13	1.11	1.01	1.04
29S39W	Stanton	44	15,898	10,172	591	3.7%	1.25	1.25	1.30	1.42	1.56	1.36
29S40W	Stanton	46	18,532	12,430	581	3.1%	1.53	1.33	1.38	1.30	1.49	1.41
29S41W	Stanton	6	1,160	1,610	0	0.0%	1.35	0.61	0.77	0.63	0.72	0.82
29S42W	Stanton	7	1,655	1,195	0	0.0%	0.96	1.05	1.33	1.12	1.38	1.17
29S43W	Stanton	0	0	0	0	0.0%	0.00	0.00	0.59	0.00	0.00	0.12
30S39W	Stanton	39	15,606	11,250	74	0.5%	1.37	1.34	1.56	1.41	1.39	1.41
30S40W	Stanton	26	5,448	5,399	1	0.0%	1.00	0.76	0.95	0.93	1.01	0.93
30S41W	Stanton	7	1,789	1,180	88	4.9%	1.15	0.98	1.43	1.24	1.52	1.26
30S43W	Stanton	6	1,054	1,208	0	0.0%	1.08	0.96	0.89	1.49	0.87	1.06
31S35W	Stevens	35	7,567	7,955	15	0.2%	1.14	1.01	1.26	1.09	0.95	1.09
31S36W	Stevens	31	9,346	7,497	8	0.1%	1.02	1.03	1.22	1.23	1.25	1.15
31S37W	Stevens	59	19,297	13,758	55	0.3%	1.31	1.33	1.42	1.38	1.40	1.37
31S38W	Stevens	31	9,891	7,049	4	0.0%	1.31	1.38	1.35	1.18	1.40	1.32
31S39W	Stevens	40	7,267	8,173	116	1.6%	0.81	0.79	0.97	0.85	0.89	0.86
32S35W	Stevens	29	6,638	6,297	25	0.4%	1.24	1.04	1.32	1.18	1.05	1.17
32S36W	Stevens	36	13,080	8,712	207	1.6%	1.23	1.15	1.43	1.44	1.50	1.35
32S37W	Stevens	15	3,819	3,590	0	0.0%	1.03	0.96	1.18	1.23	1.06	1.09
32S38W	Stevens	22	7,551	4,708	302	4.0%	1.46	1.69	1.69	1.53	1.60	1.59
32S39W	Stevens	27	6,149	5,152	0	0.0%	1.00	0.91	1.15	1.11	1.19	1.07
33S35W	Stevens	41	14,232	10,316	107	0.8%	1.43	1.28	1.54	1.52	1.38	1.43
33S36W	Stevens	28	8,205	6,697	0	0.0%	1.17	1.08	1.34	1.26	1.23	1.22
33S37W	Stevens	27	9,519	7,824	23	0.2%	1.24	1.17	1.27	1.19	1.22	1.22
33S38W	Stevens	37	15,755	10,322	409	2.6%	1.50	1.47	1.63	1.51	1.53	1.53
33S39W	Stevens	18	3,502	3,914	0	0.0%	0.88	0.67	1.01	0.89	0.89	0.87
34S35W	Stevens	45	18,018	14,422	55	0.3%	1.43	1.32	1.43	1.40	1.25	1.37
34S36W	Stevens	48	14,465	12,125	85	0.6%	1.36	1.22	1.37	1.21	1.19	1.27
34S37W	Stevens	37	11,059	9,126	35	0.3%	1.50	1.36	1.60	1.34	1.21	1.40
34S38W	Stevens	42	15,405	12,935	25	0.2%	1.35	1.16	1.39	1.21	1.19	1.26
34S39W	Stevens	24	6,446	5,428	38	0.6%	1.30	1.24	1.53	1.33	1.19	1.32
35S35W	Stevens	7	2,341	2,415	0	0.0%	1.00	0.85	1.42	1.09	0.97	1.07
35S36W	Stevens	19	5,739	5,233	0	0.0%	1.25	1.04	1.40	1.18	1.10	1.19
35S37W	Stevens	17	6,579	5,079	0	0.0%	1.56	1.48	1.66	1.41	1.30	1.48
35S38W	Stevens	19	7,685	5,655	0	0.0%	1.48	1.34	1.71	1.45	1.36	1.47
35S39W	Stevens	32	6,086	6,007	80	1.3%	0.90	1.01	1.45	1.22	1.01	1.12
30S01E	Sumner	30	1,787	3,073	0	0.0%	0.83	0.46	0.30	0.39	0.58	0.51
30S02E	Sumner	14	929	1,403	0	0.0%	0.89	0.62	0.28	0.49	0.66	0.59
30S04W	Sumner	6	709	655	0	0.0%	0.96	0.89	0.68	1.00	1.08	0.92

**Table 11**  
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**KANSAS, 2006-2010**

Township and Range	County	2010					Acre-feet per acre (AF/A) <sup>b/</sup>					
		No. of Pd's	Water Use (AF)	Acres Irrigated	Use above Reg. Std. (AF)	Use above Reg. Std. (Pct.)	2006	2007	2008	2009	2010	Avg.
31S01E	Sumner	4	329	640	0	0.0%	0.00	0.00	0.22	0.23	0.51	0.19
31S02E	Sumner	28	2,585	3,529	4	0.2%	0.92	0.57	0.31	0.38	0.73	0.58
31S04W	Sumner	6	544	697	0	0.0%	0.77	0.57	0.27	0.41	0.78	0.56
06S31W	Thomas	21	1,446	2,082	0	0.0%	0.97	0.86	0.91	0.65	0.69	0.82
06S32W	Thomas	31	2,707	3,625	0	0.0%	1.06	0.90	0.72	0.54	0.75	0.79
06S33W	Thomas	18	1,507	2,081	0	0.0%	1.12	0.88	0.74	0.60	0.72	0.81
06S34W	Thomas	30	2,604	3,507	0	0.0%	1.05	0.83	0.94	0.77	0.74	0.87
06S35W	Thomas	20	2,343	2,913	0	0.0%	1.21	0.90	0.93	0.73	0.80	0.91
06S36W	Thomas	25	3,972	4,182	0	0.0%	1.06	0.96	0.94	0.70	0.95	0.92
07S31W	Thomas	44	6,504	6,215	0	0.0%	1.28	1.19	1.02	0.86	1.05	1.08
07S32W	Thomas	33	5,327	4,686	0	0.0%	1.43	1.31	1.14	0.78	1.14	1.16
07S33W	Thomas	26	3,280	3,844	7	0.2%	1.35	1.23	1.09	0.69	0.85	1.04
07S34W	Thomas	26	3,576	3,625	0	0.0%	1.24	0.99	0.96	0.78	0.99	0.99
07S35W	Thomas	29	3,472	3,675	0	0.0%	1.49	1.06	1.16	0.81	0.94	1.09
07S36W	Thomas	33	5,676	5,174	0	0.0%	1.28	1.08	1.11	0.86	1.10	1.09
08S31W	Thomas	43	7,571	7,225	0	0.0%	1.22	1.11	0.95	0.78	1.05	1.02
08S32W	Thomas	36	3,997	4,148	0	0.0%	1.21	1.09	1.02	0.79	0.96	1.01
08S33W	Thomas	27	3,135	5,035	0	0.0%	1.49	1.26	1.08	0.52	0.62	0.99
08S34W	Thomas	50	7,445	7,365	0	0.0%	1.31	1.10	1.21	0.59	1.01	1.04
08S35W	Thomas	8	809	920	0	0.0%	0.00	1.14	1.26	0.59	0.88	0.77
08S36W	Thomas	8	761	948	5	0.7%	0.75	0.73	0.84	0.39	0.80	0.70
09S31W	Thomas	24	3,372	3,653	0	0.0%	0.94	0.92	0.92	0.73	0.92	0.89
09S32W	Thomas	34	2,568	3,851	0	0.0%	0.85	0.96	0.87	0.48	0.67	0.77
09S33W	Thomas	61	5,554	7,446	0	0.0%	1.21	1.02	0.97	0.46	0.75	0.88
09S34W	Thomas	31	3,589	3,693	0	0.0%	1.37	1.14	1.13	0.75	0.97	1.07
10S31W	Thomas	18	1,205	1,457	32	2.7%	0.94	0.90	0.87	0.63	0.83	0.83
10S32W	Thomas	23	2,272	2,514	0	0.0%	1.05	1.00	1.07	0.44	0.90	0.89
10S33W	Thomas	30	2,325	3,239	0	0.0%	1.09	0.92	0.97	0.59	0.72	0.86
10S34W	Thomas	7	903	963	0	0.0%	1.11	1.12	1.13	0.81	0.94	1.02
10S36W	Thomas	6	585	1,080	0	0.0%	0.85	0.68	0.95	0.59	0.54	0.72
11S21W	Trego	0	0	0	0	0.0%	0.59	0.00	0.00	0.00	0.00	0.12
12S23W	Trego	25	1,597	1,843	0	0.0%	0.96	0.81	0.65	0.67	0.87	0.79
13S25W	Trego	14	845	800	33	3.9%	1.33	1.40	0.81	0.68	1.06	1.06
10S09E	Wabaunsee	13	173	640	0	0.0%	0.00	0.00	0.00	0.24	0.27	0.10
10S10E	Wabaunsee	47	926	4,288	0	0.0%	0.57	0.34	0.30	0.11	0.22	0.31
10S11E	Wabaunsee	28	819	3,158	0	0.0%	0.68	0.30	0.16	0.14	0.26	0.31
10S12E	Wabaunsee	65	2,126	6,559	0	0.0%	0.48	0.35	0.21	0.13	0.32	0.30
11S12E	Wabaunsee	7	371	662	0	0.0%	0.68	0.38	0.00	0.00	0.56	0.32
11S13E	Wabaunsee	41	959	3,736	0	0.0%	0.47	0.34	0.26	0.15	0.26	0.30
11S42W	Wallace	5	873	917	0	0.0%	1.30	1.35	1.05	0.93	0.95	1.12
13S42W	Wallace	15	2,606	2,550	0	0.0%	1.09	1.01	0.94	1.05	1.02	1.02
14S39W	Wallace	20	1,209	1,996	0	0.0%	1.08	0.93	0.88	0.73	0.61	0.85
14S40W	Wallace	32	3,998	4,665	0	0.0%	1.12	1.05	1.04	0.98	0.86	1.01
14S41W	Wallace	34	6,289	6,457	27	0.4%	1.11	1.15	1.09	0.97	0.97	1.06
14S42W	Wallace	44	10,733	9,579	18	0.2%	1.11	1.09	1.21	1.01	1.12	1.11
14S43W	Wallace	4	941	1,050	0	0.0%	1.16	1.19	0.99	1.37	0.90	1.12
15S38W	Wallace	21	2,607	3,123	0	0.0%	0.72	0.66	0.79	0.60	0.83	0.72
15S39W	Wallace	58	5,945	6,936	0	0.0%	0.96	0.83	0.88	0.77	0.86	0.86
15S40W	Wallace	64	9,321	9,934	0	0.0%	1.30	1.17	1.12	0.92	0.94	1.09
15S41W	Wallace	22	3,327	3,215	15	0.5%	1.12	1.07	1.07	0.87	1.03	1.03

**Table 11**  
**SELECTED WATER USE STATISTICS BY LEGAL TOWNSHIP <sup>a/</sup>**  
**KANSAS, 2006-2010**

Township and Range	County	2010					Acre-feet per acre (AF/A) <sup>b/</sup>					
		No. of Pd's	Water Use (AF)	Acres Irrigated	Use above Reg. Std. (AF)	Use above Reg. Std. (Pct.)	2006	2007	2008	2009	2010	Avg.
01S02E	Washington	4	226	1,250	0	0.0%	0.09	0.30	0.11	0.11	0.18	0.16
02S03E	Washington	20	406	1,524	0	0.0%	0.64	0.34	0.06	0.29	0.27	0.32
02S05E	Washington	13	477	1,006	0	0.0%	1.21	0.84	0.36	0.70	0.47	0.72
03S05E	Washington	0	0	0	0	0.0%	0.73	0.00	0.00	0.00	0.00	0.15
05S01E	Washington	36	1,502	4,471	0	0.0%	0.65	0.45	0.43	0.55	0.34	0.48
16S35W	Wichita	41	3,792	4,125	55	1.5%	0.74	0.90	0.92	0.91	0.92	0.88
16S36W	Wichita	48	4,946	6,631	0	0.0%	0.86	0.85	0.94	0.88	0.75	0.86
16S37W	Wichita	53	5,432	6,736	0	0.0%	0.97	0.80	0.94	0.76	0.81	0.86
16S38W	Wichita	59	8,917	8,840	205	2.3%	1.21	1.03	1.16	0.91	1.01	1.06
17S35W	Wichita	54	5,954	6,728	45	0.8%	0.89	0.83	1.02	0.90	0.88	0.90
17S36W	Wichita	58	5,545	7,122	7	0.1%	0.88	0.72	0.86	0.69	0.78	0.79
17S37W	Wichita	34	4,133	4,918	1	0.0%	0.88	0.80	0.84	0.72	0.84	0.82
17S38W	Wichita	30	3,116	2,839	42	1.3%	1.05	0.76	0.93	0.93	1.10	0.95
18S35W	Wichita	44	2,906	3,571	8	0.3%	0.86	0.66	0.81	0.79	0.81	0.79
18S36W	Wichita	24	1,707	2,193	0	0.0%	0.86	0.85	1.02	0.97	0.78	0.90
18S37W	Wichita	46	4,462	4,869	185	4.1%	0.79	0.59	0.90	0.74	0.92	0.79
18S38W	Wichita	39	3,507	4,654	0	0.0%	0.98	0.86	0.94	0.71	0.75	0.85
19S35W	Wichita	6	513	738	0	0.0%	0.83	0.71	0.88	0.67	0.70	0.76
19S38W	Wichita	0	0	0	0	0.0%	0.00	0.00	0.57	0.00	0.00	0.11
20S38W	Wichita	9	481	1,084	0	0.0%	0.72	0.80	0.84	0.78	0.44	0.72
28S15E	Wilson	0	0	0	0	0.0%	0.39	0.00	0.00	0.00	0.00	0.08

<sup>a/</sup> Data include all points of diversion for which both water use and acres irrigated were reported during any of the last 5 years.

<sup>b/</sup> AF/A of 0.00 indicates that fewer than 640 acres were irrigated in township that year.