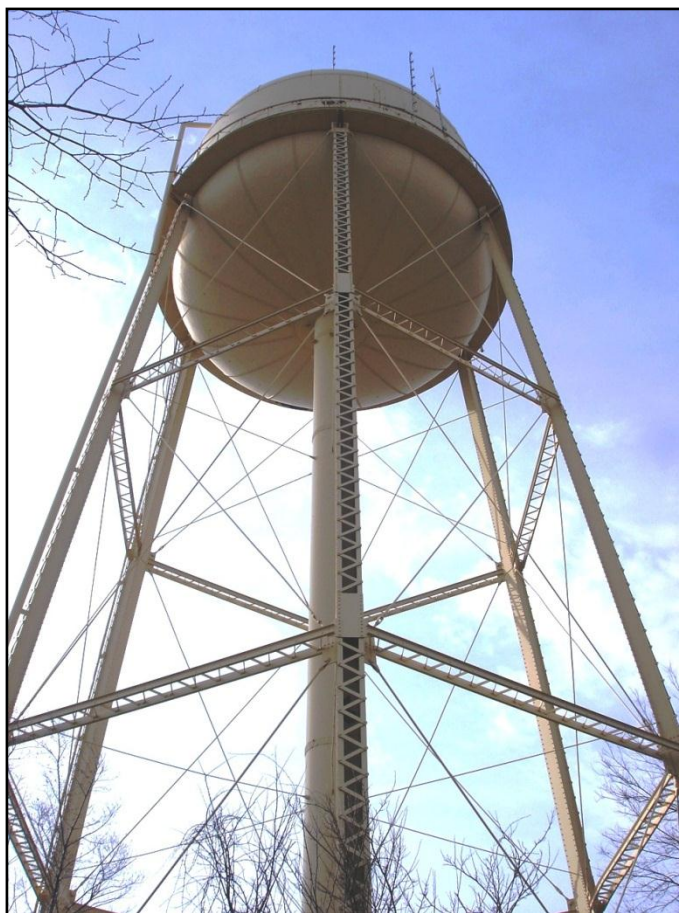


# **KANSAS**

# **MUNICIPAL WATER USE**

# **2011**



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# KANSAS MUNICIPAL WATER USE 2011

The Kansas Municipal Water Use publication has been prepared annually since 1987 to show comparative statistics for active public water suppliers that have filed water use reports with the Kansas Department of Agriculture, Division of Water Resources (DWR). Statistics shown in this report include per capita water usage and percent unaccounted for water for 2007 to 2011 for 795 public water suppliers, not including wholesale water supply districts, mobile home parks, or water systems that serve fewer than 10 residential connections or seasonal customers. Per capita use is shown in gallons per capita per day (GPCD) and is based on water use by residential and commercial customers, public uses, and unaccounted for water. GPCD usage generally excludes water use by large industries and farmsteads using more than 200,000 gallons per year. Percent unaccounted for water (UFW) is calculated as the amount of unsold, unmetered water divided by the total amount of water pumped or purchased.

Average GPCD is calculated for eight different regions of the State so that individual GPCD can be compared to average usage for similar geographic areas. These regions are shown in Figure 1 (see back cover) and correspond to general patterns of precipitation and per capita use. GPCD usage tends to increase from eastern to western Kansas, primarily due to differences in precipitation. GPCD averages also are calculated for different sizes of public water suppliers in the three most populous regions (6, 7, and 8).

Table 1 shows annual and 5-year average GPCD for 2007 to 2011 by region and size group. Average per capita water use for 2011 ranged from 282 GPCD in western Kansas (Region 1) to 81 GPCD among small public water suppliers in eastern Kansas (Region 8S). State average per capita use in 2011 was 122 GPCD, an increase of 7 percent GPCD compared to 2010.

Table 2 shows annual and 5-year average GPCD for individual water suppliers. GPCD values for many public water suppliers show an increase for 2011 compared to previous years. Many of these changes reflect increased water use during the drought; other increases in GPCD are related to reductions in estimated population served. For some cities, the 2010 Census population data (released in 2011) and the 2011 population updates (released in 2012) showed smaller numbers of residents than in previous years. Particularly for very small systems, a large percent reduction in the population served can result in a large apparent increase in GPCD.

Table 3 shows annual and 5-year average percent UFW for individual water suppliers. Regional average unaccounted for water in 2011 ranged from 12% to 17% of the total produced; the State average was 15%. Many public water suppliers also identify amounts of metered unsold water on the annual water use reports, such as for public services and water treatment needs. Regional average metered free water in 2011 ranged from 3% to 11% of the total produced; the State average was 6%.

Completion of the annual water use report by personnel at every water supply system is greatly appreciated. The data collected are valuable to DWR in administering water rights, to the Kansas Water Office (KWO) for preparing water conservation plans, and to the Kansas Rural Water Association (KRWA) in providing technical assistance with excessive unaccounted for water. Additional information on the water use report program is available from DWR at [www.ksda.gov/appropriation/](http://www.ksda.gov/appropriation/) or call (785) 296-3717. For information on water conservation planning, please visit the KWO at [www.kwo.org/](http://www.kwo.org/) or call (785) 296-3185. For information on technical assistance to water suppliers, please visit the KRWA at [www.krwa.net/](http://www.krwa.net/) or call (785) 336-3760.

**TABLE 1  
AVERAGE GPCD USE FOR PUBLIC WATER SUPPLIERS BY REGION AND SIZE  
KANSAS, 2007-2011**

Region	Year					Average
	2007	2008	2009	2010	2011	
1	272	273	228	259	282	263
2	245	241	199	224	237	229
3	241	229	195	223	229	223
4	170	168	156	168	196	172
5	149	142	139	137	149	143
6-ML	135	133	131	139	151	138
6-S	126	121	117	114	134	122
7-L	135	128	124	134	140	132
7-M	101	96	94	98	103	98
7-S	92	89	87	87	93	90
8-L	130	123	122	125	130	126
8-M	98	92	89	93	94	93
8-S	82	81	78	79	81	80
<b>Kansas</b>	119	115	109	114	122	116

Average gallons per capita per day (GPCD) use includes water sold to residential and commercial customers, metered free uses, and unaccounted for water. GPCD use does not include sales to other suppliers, industries, bulk uses, or farmsteads using more than 200,000 gallons per year.

Refer to Figure 1 for map regions. For this analysis, Regions 6, 7, and 8 were subdivided into size categories. Large (L) utilities serve 10,000 people or more. Medium (M) utilities serve 500 to 9,999 people. Small (S) utilities serve fewer than 500 people.

**TABLE 2  
ANNUAL AND AVERAGE GPCD USAGE FOR PUBLIC WATER SUPPLIERS  
KANSAS, 2007-2011**

<b>Public Water Supplier</b>	<b>Region</b>	<b>2007 GPCD</b>	<b>2008 GPCD</b>	<b>2009 GPCD</b>	<b>2010 GPCD</b>	<b>2011 GPCD</b>	<b>AVG GPCD</b>
Abbyville	6S	120	143	101	111	213	138
Abilene	7M	144	121	147	137	136	137
Admire	7S	75	71	64	69	75	71
Agenda	7S	82	77	86	70	78	79
Agra	5	103	89	91	101	115	100
Albert	6S	115	112	107	125	158	123
Alexander	5	100	78	93	114	99	97
Allen	7S	59	52	56	48	61	55
Allen Co. RWD #02	8S	na	92	na	na	na	92
Allen Co. RWD #04	8S	91	64	101	67	85	82
Allen Co. RWD #08	8M	129	119	121	128	123	124
Allen Co. RWD #09	8S	78	73	na	na	na	76
Allen Co. RWD #10	8S	69	76	75	na	na	73
Allen Co. RWD #11	8S	68	67	63	92	74	73
Allen Co. RWD #12	8S	69	66	61	60	86	68
Allen Co. RWD #13	8S	75	71	102	121	132	100
Allen Co. RWD #15	8S	56	66	61	58	57	60
Allen Co. RWD #16	8S	104	165	129	77	113	118
Alma	7M	117	111	111	107	118	113
Almena	4	105	133	83	84	104	102
Alta Vista	7S	76	73	74	78	75	75
Altamont	8M	76	70	74	79	83	76
Alton	6S	119	138	117	117	132	125
Altoona	7S	85	93	74	63	55	74
Andale	7M	83	82	85	89	91	86
Anderson Co. RWD #01	8S	105	107	101	106	80	100
Anderson Co. RWD #01C	8M	58	64	62	73	70	65
Anderson Co. RWD #04	8M	109	95	94	82	75	91
Anderson Co. RWD #05	8M	76	na	76	72	77	75
Anthony	6ML	156	128	130	131	139	137
Arcadia	8S	60	71	66	67	87	70
Argonia	7M	107	104	93	95	113	102
Arkansas City	7L	125	135	143	144	130	135
Arlington	6S	99	99	83	102	122	101
Arma	8M	77	69	76	71	69	72
Arnold	4	97	125	111	124	98	111
Ashland	4	215	200	213	218	276	224
Assaria	7S	74	72	78	112	91	85
Atchison	8L	226	184	206	199	158	195
Atchison Co. RWD #01	8S	79	na	79	na	77	78
Atchison Co. RWD #05C	8M	104	105	na	na	na	105
Atchison Co. RWD #06	8M	na	na	na	88	na	88
Atlanta	7S	67	71	62	63	85	70
Attica	6ML	179	215	200	245	272	222
Atwood	2	191	186	156	182	175	178
Augusta	7M	146	186	169	168	157	165

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<b>Public Water Supplier</b>	<b>Region</b>	<b>2007 GPCD</b>	<b>2008 GPCD</b>	<b>2009 GPCD</b>	<b>2010 GPCD</b>	<b>2011 GPCD</b>	<b>AVG GPCD</b>
Aurora	7S	86	83	67	83	118	87
Axtell	7S	80	77	77	77	74	77
Baldwin	8M	100	82	88	96	102	94
Barber Co. RWD #01	6S	189	186	203	198	193	194
Barber Co. RWD #02	6S	na	na	na	449	581	515
Barber Co. RWD #03	6S	79	78	85	78	95	83
Barnard	6S	54	40	41	70	60	53
Barnes	7S	159	145	132	115	105	131
Bartlett	8S	78	na	na	100	na	89
Barton Co. RWD #01	6S	81	88	86	93	107	91
Barton Co. RWD #02	6ML	47	57	37	45	60	49
Barton Hills WD	6S	46	42	40	33	145	61
Baxter Springs	8M	132	122	124	123	148	130
Bazine	4	99	97	90	115	123	105
Beattie	7S	97	96	92	81	110	95
Bel Aire	7M	106	93	94	114	127	107
Belle Plaine	7M	96	95	97	105	81	95
Belleville	7M	141	154	154	157	152	152
Beloit	6ML	90	80	84	84	126	93
Belpre	5	110	109	107	130	174	126
Belvidere	5	198	224	214	297	355	258
Belvue	7S	96	88	84	72	86	85
Bennington	7M	86	89	89	90	81	87
Benton	7M	88	83	72	74	97	83
Bern	7S	103	105	101	117	162	118
Beverly	6S	88	66	70	87	94	81
Bird City	1	400	390	264	275	358	337
Bison	5	na	78	94	89	74	84
Blue Mound	8S	72	62	61	67	71	67
Blue Rapids	7M	138	122	121	132	110	125
Blue River Hills Improvement	7S	90	90	96	101	78	91
Bluff City	6S	108	143	82	95	113	108
Bogue	4	211	163	148	198	211	186
Bonner Springs	8M	147	155	141	144	136	145
Bourbon Co. RWD #02C	8M	90	92	97	105	93	95
Bourbon Co. RWD #04	8M	170	126	117	122	120	131
Brewster	2	318	287	199	227	234	253
Bronson	8S	76	71	69	77	70	73
Brown Co. RWD #01	8M	92	97	84	103	115	98
Brown Co. RWD #02	8M	76	93	84	115	108	95
Brownell	4	86	84	141	107	189	121
Bucklin	4	175	147	139	148	175	157
Buffalo	7S	112	100	108	56	69	89
Buhler	6ML	117	111	120	130	143	124
Bunker Hill	6S	106	92	100	101	100	100
Burden	7M	92	94	85	97	125	99

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<b>Public Water Supplier</b>	<b>Region</b>	<b>2007 GPCD</b>	<b>2008 GPCD</b>	<b>2009 GPCD</b>	<b>2010 GPCD</b>	<b>2011 GPCD</b>	<b>AVG GPCD</b>
Burdett	5	151	191	134	169	178	165
Burlingame	7M	88	73	82	83	91	83
Burlington	7M	115	102	98	113	99	105
Burns	7S	68	63	68	67	81	69
Burr Oak	6S	102	106	131	108	150	119
Burrton	7M	93	82	81	86	99	88
Bushton	6S	122	123	109	127	149	126
Butler Co. RWD #01	7M	90	93	82	84	97	89
Butler Co. RWD #02	7M	133	68	67	82	108	92
Butler Co. RWD #03	7M	71	73	74	85	89	78
Butler Co. RWD #05	7M	74	80	73	74	82	77
Butler Co. RWD #06	7M	70	80	73	78	85	77
Butler Co. RWD #07	7M	70	65	63	67	50	63
Butler Co. RWD #08	7M	64	71	69	70	77	70
Byron	7S	219	204	200	146	164	187
Caldwell	7M	85	87	94	98	108	94
Cambridge	7S	60	55	62	61	62	60
Caney	7M	140	126	122	128	122	128
Canton	7M	111	96	93	106	152	112
Carbondale	7M	83	84	104	85	76	86
Cassoday	7S	72	71	89	100	107	88
Cawker City	6S	184	159	134	127	142	149
Cedar Point	7S	72	100	77	67	84	80
Cedar Vale	7M	79	68	67	na	79	73
Centralia	7S	83	79	79	77	79	79
Chanute	8M	130	112	102	104	117	113
Chapman	7M	143	146	160	158	174	156
Chase	6S	117	103	129	123	146	124
Chase Co. RWD #01	7S	92	na	97	na	111	100
Chautauqua	7S	na	na	na	80	80	80
Chautauqua Co. RWD #01	7S	48	69	70	65	69	64
Chautauqua Co. RWD #02	7S	98	99	90	101	118	101
Chautauqua Co. RWD #03	7S	82	na	na	81	na	82
Chautauqua RWD #04	7S	na	na	na	na	49	49
Cheney	7M	158	126	139	155	193	154
Cherokee	8M	91	85	80	72	73	80
Cherokee Co. RWD #01	8M	119	138	122	102	107	118
Cherokee Co. RWD #02	8M	91	87	82	85	89	87
Cherokee Co. RWD #03	8M	132	162	146	162	161	153
Cherokee Co. RWD #04	8M	106	101	108	117	106	108
Cherokee Co. RWD #05	8S	59	56	55	59	67	59
Cherokee Co. RWD #06	8S	na	na	58	52	54	55
Cherokee Co. RWD #07	8S	97	103	97	98	113	102
Cherokee Co. RWD #08	8M	72	65	60	68	69	67
Cherryvale	7M	95	84	84	90	86	88
Chetopa	8M	103	109	113	120	120	113

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Chicopee Rural Water	8S	107	81	76	72	77	83
Cimarron	3	387	299	258	275	313	306
Circleville	7S	57	61	61	55	60	59
Clafin	6ML	131	117	123	134	158	133
Clay Center	7M	99	125	119	166	174	137
Clay Co. RWD #01	7S	158	154	180	221	150	173
Clay Co. RWD #02	7M	90	82	62	68	67	74
Clayton	4	86	87	93	100	97	93
Clearwater	7M	90	81	83	86	77	83
Clifton	7M	137	132	110	108	115	120
Cloud Co. RWD #01	7S	143	128	128	103	92	119
Clyde	7M	148	158	127	126	126	137
Coal Hollow WD	8S	48	42	na	na	na	45
Coats	6S	123	119	112	143	175	134
Coffey Co. RWD #02	7M	81	72	79	68	79	76
Coffey Co. RWD #03	7M	63	57	53	59	97	66
Coffeyville	7L	232	177	154	193	173	186
Colby	2	313	333	277	319	269	302
Coldwater	5	178	165	189	208	226	193
Collyer	4	107	109	89	89	107	100
Colony	8S	88	80	80	84	na	83
Columbus	8M	109	113	112	103	102	108
Colwich	7M	66	59	59	60	69	63
Comanche Co. RWD #01	5	123	129	131	183	126	138
Comanche Co. RWD #02	5	566	678	694	703	800	688
Concordia	7M	129	120	122	125	129	125
Conway Springs	7M	113	93	115	104	115	108
Coolidge	1	282	279	211	280	253	261
Copeland	3	244	270	233	289	318	271
Cottonwood Falls	7M	96	93	91	117	91	98
Council Grove	7M	91	93	92	90	92	92
Courtland	7S	111	104	104	107	116	108
Cowley Co. RWD #01	7M	91	78	75	77	93	83
Cowley Co. RWD #02	7M	62	60	56	63	na	60
Cowley Co. RWD #03	7M	100	113	99	103	110	105
Cowley Co. RWD #04	7M	85	84	78	98	118	93
Cowley Co. RWD #05	7M	92	95	90	116	139	106
Cowley Co. RWD #06	7M	74	91	75	79	97	83
Cowley Co. RWD #07	7S	85	85	81	127	96	95
Cowley Co. RWD #08	7S	81	86	86	91	90	87
Crawford Co. RWD #01	8S	na	86	116	101	114	104
Crawford Co. RWD #01C	8M	124	102	125	144	177	134
Crawford Co. RWD #03	8S	78	79	71	78	68	75
Crawford Co. RWD #04	8M	84	84	87	87	90	86
Crawford Co. RWD #05	8M	128	127	135	179	130	140
Crawford Co. RWD #06	8M	125	104	103	96	94	104



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Crawford Co. RWD #07	8S	71	75	64	68	71	70
Cuba	7S	99	91	113	122	119	109
Cullison	6S	223	216	171	237	214	212
Culver	7S	56	50	61	61	81	62
Cunningham	6S	151	150	173	193	228	179
Damar	5	na	na	na	119	100	110
Dearing	7S	70	68	73	78	76	73
Deerfield	2	153	156	137	149	195	158
Delia	7S	76	67	53	na	na	65
Delphos	7S	119	113	126	136	143	127
Denison	8S	52	53	53	na	49	52
Derby (El Paso Water Co.)	7L	93	100	89	102	116	100
DeSoto	8M	186	128	133	155	172	155
Dexter	7S	107	92	67	82	115	93
Dickinson Co. RWD #01	7M	111	96	103	120	139	114
Dickinson Co. RWD #02	7M	116	111	111	111	110	112
Dighton	3	233	229	204	236	260	232
Dodge City	4	259	203	172	164	199	199
Doniphan Co. RWD #01	8S	51	52	44	59	na	52
Doniphan Co. RWD #02	8S	71	78	76	87	74	77
Doniphan Co. RWD #03	8S	95	69	57	59	86	73
Doniphan Co. RWD #05	8M	na	na	81	81	na	81
Dorrance	6S	68	58	50	57	82	63
Douglas Co. RWD #01	8M	101	89	78	91	109	94
Douglas Co. RWD #02	8M	96	75	82	82	96	86
Douglas Co. RWD #03	7M	89	89	78	74	74	81
Douglas Co. RWD #04	8M	84	82	79	81	74	80
Douglas Co. RWD #05	8M	69	62	62	71	75	68
Douglas Co. RWD #06	8M	94	85	75	na	88	86
Douglass	7M	77	75	77	83	80	78
Downs	6ML	141	160	166	160	149	155
Durham	7S	104	97	76	96	110	97
Dwight	7S	77	65	57	73	74	69
Easton	8S	67	74	79	107	131	92
Edgerton	8M	51	52	52	58	60	55
Edna	8S	75	na	71	70	68	71
Effingham	8M	82	77	76	84	74	79
El Dorado	7L	145	169	172	170	190	169
Elbing	7S	64	59	58	58	62	60
Elgin	7S	166	170	153	190	174	171
Elk City	7S	173	193	235	128	121	170
Elk Co. RWD #01	7S	85	130	na	123	132	118
Elkhart	1	331	346	309	343	368	339
Ellinwood	6ML	101	100	97	108	125	106
Ellis	5	90	93	91	97	101	94
Ellis Co. RWD #03	5	57	53	50	56	53	54

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Ellis Co. RWD #06	5	109	115	123	141	150	128
Ellsworth	6ML	132	128	130	127	117	127
Elmdale	7S	181	174	131	122	na	152
Elwood	8M	101	100	89	89	92	94
Emmett	7S	na	61	61	61	68	63
Emporia	7L	176	152	147	135	127	147
Englewood	4	607	539	442	398	677	533
Ensign	3	119	128	112	181	184	145
Enterprise	7M	84	80	72	73	72	76
Erie	8M	101	103	91	97	93	97
Esbon	6S	108	93	97	92	141	106
Eskridge	7M	90	93	95	101	114	99
Eudora	8M	89	87	83	86	94	88
Eureka	7M	112	127	116	131	138	125
Everest	8S	112	114	110	156	78	114
Fall River	7S	67	71	66	49	64	63
Farr Subdivision	2	58	65	70	67	66	65
Finney Co. RWD #01	2	55	61	109	114	155	99
Florence	7S	75	73	65	75	102	78
Fontana	8S	na	66	73	64	62	66
Ford	4	265	295	274	249	289	274
Formoso	6S	78	70	83	82	90	81
Fort Scott	8M	156	160	138	128	125	141
Fowler	3	170	168	159	163	172	166
Frankfort	7M	130	138	151	153	168	148
Franklin Co. RWD #01	8M	77	na	na	na	na	77
Franklin Co. RWD #02	8M	na	na	na	na	59	59
Franklin Co. RWD #03	8S	65	62	63	60	65	63
Franklin Co. RWD #04	8M	82	78	76	80	97	83
Franklin Co. RWD #05	8M	73	72	65	66	62	68
Franklin Co. RWD #06	8M	94	103	112	96	102	101
Fredonia	7M	158	116	108	88	125	119
Frontenac	8M	118	108	103	103	104	107
Fulton	8S	58	55	54	56	61	57
Galena	8M	121	105	106	100	124	111
Galesburg	8S	92	105	95	81	72	89
Galva	7M	116	101	98	109	134	112
Garden City	2	196	190	179	204	226	199
Garden Plain	7M	89	73	78	94	115	90
Garden Spot Rentals	2	61	76	58	81	96	74
Gardner	8L	98	101	94	96	104	99
Garnett	8M	98	92	83	90	89	90
Gas	8M	72	62	66	64	64	66
Gaylord	6S	183	127	106	97	115	126
Geary Co. RWD #02	7S	94	96	93	94	107	97
Geary Co. RWD #04	7M	87	82	80	98	103	90

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ANNUAL AND AVERAGE GPCD USAGE FOR PUBLIC WATER SUPPLIERS  
KANSAS, 2007-2011**

<b>Public Water Supplier</b>	<b>Region</b>	<b>2007 GPCD</b>	<b>2008 GPCD</b>	<b>2009 GPCD</b>	<b>2010 GPCD</b>	<b>2011 GPCD</b>	<b>AVG GPCD</b>
Geneseo	6S	112	98	83	89	122	101
Geuda Springs	7S	97	95	100	97	91	96
Girard	8M	106	104	104	105	115	107
Glade	5	123	106	99	124	69	104
Glasco	7S	73	73	95	93	70	81
Glen Elder	6S	168	156	145	143	128	148
Goddard	7M	150	137	146	152	146	146
Goessel	7M	120	120	103	120	131	119
Goff	7S	63	66	62	59	67	63
Goodland	1	317	302	258	285	270	286
Gorham	6S	90	84	70	71	75	78
Gove	3	385	302	167	193	165	242
Grainfield	3	249	253	220	222	229	235
Grandview Plaza	7M	92	88	99	81	80	88
Great Bend	6ML	131	130	120	117	122	124
Greeley	8S	57	52	53	58	62	56
Green	7S	84	73	81	79	81	80
Greenleaf	7S	141	123	123	111	119	123
Greensburg	5	223	173	242	259	309	241
Greenwood Co. RWD #01	7M	72	76	65	80	97	78
Greenwood Co. RWD #02	7M	100	102	100	107	119	106
Greenwood Co. RWD #03	7S	80	80	75	85	89	82
Grenola	7S	73	70	65	68	na	69
Gridley	7S	69	71	67	74	77	72
Grinnell	3	287	257	216	242	276	256
Gypsum	7S	90	70	112	94	101	93
Haddam	7S	78	73	101	77	80	82
Halstead	7M	101	94	90	94	99	96
Hamilton	7S	63	69	65	73	71	68
Hamilton Co. RWD #01	1	86	89	87	80	98	88
Hanover	7M	106	106	na	na	98	103
Hanston	4	166	212	194	202	213	197
Hardtner	6S	171	207	189	226	275	214
Harper	6ML	129	119	121	139	165	135
Harper Co. RWD #04	6S	74	104	118	141	111	110
Harper Co. RWD #05	6S	190	na	124	na	na	157
Hartford	7M	89	75	78	70	na	78
Harvey Co. RWD #01	7M	73	71	56	70	75	69
Harveyville	7S	117	84	80	83	78	88
Haven	6ML	137	120	119	124	140	128
Haviland	5	169	185	154	154	174	167
Hays	5	96	92	85	91	99	93
Hays City Suburban	5	141	96	138	133	162	134
Haysville	7L	94	86	86	95	93	91
Hazelton	6S	100	134	107	123	128	118
Herington	7M	126	123	110	129	136	125

**TABLE 2  
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<b>Public Water Supplier</b>	<b>Region</b>	<b>2007 GPCD</b>	<b>2008 GPCD</b>	<b>2009 GPCD</b>	<b>2010 GPCD</b>	<b>2011 GPCD</b>	<b>AVG GPCD</b>
Herndon	2	389	229	284	410	297	322
Hesston	7M	156	129	131	174	240	166
Hiawatha	8M	118	116	114	112	108	114
Highland	8M	119	108	112	107	102	110
Hill City	4	218	191	226	225	227	217
Hillsboro	7M	147	182	118	105	114	133
Hoisington	6ML	97	98	94	98	113	100
Holcomb	2	142	147	132	143	173	147
Holton	7M	100	108	103	104	110	105
Holyrood	6S	103	113	111	134	160	124
Hope	7S	97	88	89	89	106	94
Horace	1	124	139	137	193	206	160
Horton	8M	92	85	75	87	77	83
Howard	7M	91	83	95	106	108	97
Howison Heights WD	7S	118	114	125	143	135	127
Hoxie	3	286	271	236	258	244	259
Hoyt	7M	73	70	67	63	na	68
Hugoton	2	310	354	315	289	375	329
Humboldt	8M	110	108	110	131	124	117
Hunter	6S	83	84	na	na	na	84
Hutchinson	6ML	126	110	111	165	155	133
Independence	7L	141	147	138	136	168	146
Ingalls	3	158	189	na	260	na	202
Inman	7M	111	113	119	141	135	124
Iola	8M	137	112	106	108	126	118
Isabel	6S	143	127	125	125	160	136
Iuka	6S	74	72	81	84	82	79
Jackson Co. RWD #01	7M	84	75	72	na	71	76
Jackson Co. RWD #03	7M	104	94	96	98	88	96
Jamestown	7S	71	69	62	65	92	72
Jefferson Co. RWD #01	8M	103	92	87	87	104	95
Jefferson Co. RWD #02	8M	138	201	122	118	108	137
Jefferson Co. RWD #03	8M	113	94	88	87	92	95
Jefferson Co. RWD #07	8M	104	103	93	102	113	103
Jefferson Co. RWD #08	8S	78	76	78	76	82	78
Jefferson Co. RWD #09	8S	65	56	49	54	64	58
Jefferson Co. RWD #10	7S	77	74	87	na	126	91
Jefferson Co. RWD #11	8S	84	83	90	83	85	85
Jefferson Co. RWD #12	8M	102	91	72	80	72	83
Jefferson Co. RWD #13	8M	127	132	100	103	98	112
Jefferson Co. RWD #15	8S	59	41	41	41	43	45
Jennings	3	200	206	158	171	232	193
Jetmore	4	185	178	171	175	222	186
Jewell	6S	77	67	69	75	63	70
Jewell Co. RWD #01	6S	165	177	182	151	273	190
Johnson City	1	336	360	313	339	365	343

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Johnson Co. RWD #06C	8M	108	89	75	83	na	89
Johnson Co. RWD #07	8M	102	97	94	116	122	106
Junction City	7L	150	151	133	161	156	150
Kanopolis	6S	91	101	85	102	92	94
Kanorado	1	209	190	121	151	183	171
Kansas City BPU	8L	204	187	171	165	172	180
Kechi	7M	87	na	na	na	na	87
Kensington	6ML	138	134	110	115	113	122
Kincaid	8S	52	na	74	na	na	63
Kingman	6ML	114	108	114	129	131	119
Kingman Co. RWD #01	6S	58	56	51	55	66	57
Kinsley	5	119	128	121	118	126	122
Kiowa	6ML	166	184	172	163	157	168
Kirwin	5	98	90	82	146	125	108
Kismet	2	165	163	141	182	240	178
Konza Valley Water District	7S	64	57	65	73	67	65
La Crosse	5	127	123	125	139	145	132
La Cygne	8M	96	82	68	73	69	78
La Harpe	8M	76	76	78	74	82	77
Labette Co. RWD #01C	8S	na	na	na	na	115	115
Labette Co. RWD #03	8M	81	66	73	80	63	73
Labette Co. RWD #05	8M	84	na	na	na	na	84
Labette Co. RWD #06	8M	63	69	na	63	63	65
Labette Co. RWD #07	8M	63	60	63	68	84	68
Labette Co. RWD #08	8M	88	67	95	97	107	91
Lakeside Village Improvement	8S	152	177	143	118	134	145
Lakin	2	255	262	213	226	243	240
Lancaster	8S	66	61	60	56	53	59
Lane	8S	62	68	56	63	68	63
Lane Co. RWD #01	3	185	201	170	201	240	199
Lansing (Lan-Del WC)	8M	87	80	79	81	83	82
Larned	5	211	203	176	200	225	203
Latham	7S	80	64	64	64	67	68
Lawrence	8L	115	108	97	103	111	107
Leavenworth	8L	97	91	91	96	129	101
Leavenworth Co. RWD #01C	8M	95	78	78	89	90	86
Leavenworth Co. RWD #02	8M	99	98	86	87	95	93
Leavenworth Co. RWD #05	8M	85	82	84	101	87	88
Leavenworth Co. RWD #06	8M	90	90	78	80	82	84
Leavenworth Co. RWD #07	8M	82	74	61	65	64	69
Leavenworth Co. RWD #08	8M	100	95	78	77	73	85
Leavenworth Co. RWD #09	8M	78	77	68	68	76	73
Leavenworth Co. RWD #10	8M	na	91	na	na	na	91
Lebanon	6S	91	84	90	80	84	86
Lebo	7M	71	67	69	67	73	69
Lecompton	8M	70	66	61	71	66	67

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Lehigh	7S	69	78	76	108	112	89
Lenora	4	188	163	150	189	209	180
Leon	7M	99	85	97	110	121	102
Leonardville	7S	106	96	96	98	75	94
Leoti	2	234	241	193	235	208	222
LeRoy	7M	67	na	62	60	60	62
Lewis	5	117	138	114	136	154	132
Liberal	2	176	188	163	179	200	181
Liebenthal	5	75	78	66	63	78	72
Lincoln Center	6ML	141	138	142	136	114	134
Lindsborg	7M	103	103	102	108	113	106
Linn	7S	113	100	100	95	104	102
Linn Co. RWD #01	8M	117	91	98	113	100	104
Linn Co. RWD #02	8M	76	na	76	60	60	68
Linn Co. RWD #03	8M	92	na	93	110	123	105
Linwood	8S	69	64	65	68	59	65
Little Bear Mound	7S	143	142	99	na	na	128
Little River	6ML	136	119	142	158	149	141
Logan	5	172	173	134	167	174	164
Long Island	5	196	180	210	193	202	196
Longford	7S	76	72	71	83	90	78
Longton	7S	83	87	89	93	97	90
Lorraine	6S	180	89	85	85	104	109
Louisburg	8M	112	109	102	91	97	102
Lucas	6S	111	89	80	86	87	91
Luray	6S	80	77	86	86	79	82
Lyndon	7M	87	74	75	72	74	76
Lyon Co. RWD #01	7M	60	62	63	59	60	61
Lyon Co. RWD #02	7M	134	99	113	121	108	115
Lyon Co. RWD #03	7S	61	75	70	75	84	73
Lyon Co. RWD #04	7M	61	na	na	na	na	61
Lyon Co. RWD #05	7M	85	70	63	89	82	78
Lyons	6ML	189	180	161	173	253	191
Macksville	6ML	122	132	133	140	135	132
Madison	7M	88	90	71	84	100	87
Mahaska	7S	182	126	137	129	156	146
Maize	7M	76	76	72	96	63	77
Manchester	7S	67	na	65	na	97	76
Manhattan	7L	141	129	127	133	144	135
Mankato	6ML	171	170	205	189	184	184
Manter	1	261	245	222	219	269	243
Maple Hill	7M	88	86	81	83	76	83
Marion	7M	123	116	106	115	105	113
Marion Co. Imp. Dist. #02	7S	48	43	41	40	39	42
Marion Co. RWD #01	7M	101	79	77	82	86	85
Marion Co. RWD #04	7M	80	75	68	76	81	76

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Marquette	7M	107	102	107	116	129	112
Marshall Co. RWD #01	7S	90	87	96	88	87	90
Marshall Co. RWD #03	7M	104	115	103	104	99	105
Marysville	7M	164	125	119	109	124	128
Matfield Green	7S	76	62	95	66	52	70
Mayetta	7S	66	51	51	64	63	59
Mayfield	7S	64	na	na	69	65	66
McCracken	5	72	78	77	82	67	75
McCune	8S	69	68	68	69	69	69
McDonald	2	481	487	205	180	257	322
McFarland	7S	68	68	81	83	76	75
McLouth	8M	71	70	60	56	61	64
McPherson	7L	146	131	130	154	183	149
McPherson Co. RWD #01	7S	109	113	103	110	123	112
McPherson Co. RWD #02	7S	104	97	96	106	129	106
McPherson Co. RWD #03	7S	104	81	81	78	106	90
McPherson Co. RWD #04	7M	110	102	91	104	128	107
McPherson Co. RWD #06	7S	60	55	na	na	na	58
Meade	3	247	252	214	206	232	230
Medicine Lodge	6ML	201	199	164	179	180	185
Melvern	7S	78	73	78	77	99	81
Miami Co. RWD #01	8M	73	67	75	73	72	72
Miami Co. RWD #02	8M	88	108	95	98	96	97
Miami Co. RWD #03	8M	80	67	64	67	73	70
Miami Co. RWD #04	8M	na	66	65	79	82	73
Milford	7M	85	83	79	77	79	81
Miltonvale	7M	115	101	98	116	98	106
Minneapolis	7M	145	152	109	103	123	126
Minneola	4	205	206	174	184	241	202
Mitchell Co. RWD #02	6ML	215	190	193	197	193	198
Moline	7S	104	89	86	87	na	92
Montezuma	3	277	265	259	278	351	286
Montgomery Co. RWD #01	7S	104	98	93	101	na	99
Montgomery Co. RWD #01C	7M	na	62	72	na	67	67
Montgomery Co. RWD #02	7M	78	83	81	74	79	79
Montgomery Co. RWD #02C	7M	na	na	na	80	69	75
Montgomery Co. RWD #06	7M	95	88	101	107	106	99
Montgomery Co. RWD #08	7S	127	103	80	70	na	95
Montgomery Co. RWD #12	7M	75	67	83	82	76	77
Montgomery Co. RWD #13	7S	78	na	60	60	72	68
Montgomery Co. RWD #14	7S	68	58	69	73	62	66
Moran	8M	87	83	84	83	89	85
Morganville	7S	122	104	82	91	92	98
Morland	4	216	222	177	255	195	213
Morrill	8S	81	85	60	78	55	72
Morris Co. RWD #01	7M	155	142	160	179	164	160

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Morrowville	7S	89	77	80	88	88	84
Moscow	2	324	306	229	304	305	294
Mound City	8M	97	93	80	77	91	88
Mound Valley	8S	76	69	71	69	78	73
Moundridge	7M	117	116	116	148	183	136
Mount Hope	7M	122	104	108	122	144	120
Mulberry	8M	83	94	73	73	99	84
Mullinville	5	211	266	206	242	266	238
Mulvane	7M	88	81	81	82	81	83
Munden	7S	na	98	84	91	101	94
Muscotah	8S	120	92	55	63	70	80
Narka	7S	97	84	92	80	105	92
Natoma	6S	121	137	96	109	107	114
Nemaha Co. RWD #01	7S	129	208	105	117	151	142
Nemaha Co. RWD #02	7S	90	na	na	78	66	78
Nemaha Co. RWD #03	7M	108	102	94	114	114	106
Nemaha Co. RWD #04	7M	121	127	138	119	137	128
Neodesha	7M	145	118	120	100	111	119
Neosho Co. RWD #01C	8M	82	95	104	127	na	102
Neosho Co. RWD #02	8M	88	68	71	72	79	76
Neosho Co. RWD #03	8S	129	102	68	73	na	93
Neosho Co. RWD #04	8M	84	73	92	81	76	81
Neosho Co. RWD #05	8S	125	90	94	108	na	104
Neosho Co. RWD #06	8S	104	95	83	114	92	98
Neosho Co. RWD #07	8M	128	95	104	99	88	103
Neosho Co. RWD #08	8S	86	96	102	100	93	95
Neosho Co. RWD #09	8S	112	83	78	100	98	94
Neosho Co. RWD #12	8S	82	71	71	77	86	77
Ness City	4	131	147	132	161	153	145
Netawaka	7S	na	na	70	70	81	74
New Strawn	7S	96	86	89	81	79	86
Newton	7L	103	95	93	97	105	99
Nickerson	6ML	67	86	69	68	84	75
Norcatur	3	241	238	133	174	119	181
North Newton	7M	129	95	93	97	90	101
Norton	4	202	208	191	199	175	195
Norton Co. RWD #01	4	37	40	48	43	46	43
Nortonville	8M	85	78	80	76	70	78
Norwich	6S	92	83	82	92	128	95
Oakley	2	277	268	224	329	258	271
Oberlin	3	190	187	172	196	172	183
Offerle	5	152	101	135	158	183	146
Ogden	7M	109	95	84	75	75	88
Oketo	7S	69	94	82	80	84	82
Olathe	8L	94	96	114	128	124	111
Olmitz	6S	95	98	99	103	151	109



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Olpe	7M	70	74	73	76	91	77
Olsburg	7S	73	70	65	72	67	69
Onaga	7M	106	96	99	84	81	93
Oneida	7S	65	77	86	67	62	71
Osage City	7M	95	93	90	89	87	91
Osage Co. RWD #02	7S	74	83	81	66	71	75
Osage Co. RWD #03	7M	100	95	83	100	109	97
Osage Co. RWD #04	7M	81	72	74	79	84	78
Osage Co. RWD #05	7M	86	87	82	96	92	89
Osage Co. RWD #06	7S	84	89	87	117	90	93
Osage Co. RWD #07	7M	83	85	90	91	78	85
Osage Co. RWD #08	7M	87	79	na	na	72	79
Osawatomie	8M	133	121	114	134	134	127
Osborne	6ML	157	159	136	124	144	144
Osborne Co. RWD #01A	6S	643	524	405	797	559	586
Osborne Co. RWD #02	6S	169	138	98	112	117	127
Oskaloosa	8M	84	82	75	74	na	79
Oswego	8M	94	88	84	86	109	92
Otis	5	204	184	136	152	268	189
Ottawa	8L	84	89	85	87	89	87
Ottawa Co. RWD #01	7S	88	85	87	108	160	106
Ottawa Co. RWD #02	7M	90	82	78	73	90	83
Overbrook	7M	102	69	77	66	66	76
Oxford	7M	96	100	78	84	108	93
Ozawkie	8M	86	71	79	88	82	81
Palco	5	140	118	106	126	111	120
Palmer	7S	113	117	139	122	111	120
Paola	8M	136	102	97	100	94	106
Paradise	6S	74	71	80	88	92	81
Park	3	212	170	152	156	233	185
Park City	7M	111	100	98	106	129	109
Parker	8S	60	50	50	53	58	54
Parsons	8L	118	119	113	123	144	123
Pawnee Rock	6S	75	93	85	64	102	84
Paxico	7S	84	78	70	70	70	74
Peabody	7M	80	101	93	94	88	91
Perry	8M	90	86	82	82	80	84
Peru	7S	55	63	63	64	83	66
Phillips Co. RWD #01	5	na	na	63	66	93	74
Phillipsburg	5	195	130	121	114	139	140
Pittsburg	8L	111	112	106	112	114	111
Plains	3	277	286	249	258	325	279
Plainville	5	134	123	130	146	149	136
Pleasanton	8M	96	111	102	107	107	105
Pomona	8M	67	64	57	61	82	66
Portis	6S	90	93	79	82	99	89

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Post Rock RWD	5	153	149	145	162	174	157
Pottawatomie Co. RWD #01	7M	111	118	121	103	114	113
Pottawatomie Co. RWD #02	7M	149	143	131	134	126	137
Pottawatomie Co. RWD #03	7M	103	89	92	85	88	91
Pottawatomie Co. RWD #04	7M	130	129	127	97	104	117
Potwin	7S	75	67	na	na	70	71
Prairie View	5	144	159	123	107	133	133
Pratt	6ML	184	192	187	203	210	195
Prescott	8S	63	69	64	68	78	68
Preston	6S	99	91	76	90	117	95
Pretty Prairie	6ML	130	125	136	129	142	132
Princeton	8S	67	61	63	na	76	67
Protection	5	176	180	194	175	196	184
Quenemo	7S	52	48	na	51	59	53
Quinter	3	235	208	184	206	212	209
Randall	6S	137	118	124	na	102	120
Randolph	7S	74	71	77	78	76	75
Ransom	4	88	110	108	128	130	113
Rantoul	8S	69	66	60	57	67	64
Raymond	6S	124	89	91	101	162	113
Reading	7S	65	66	na	na	na	66
Red Bud Lake Improvement	7S	68	61	47	36	35	49
Reno Co. RWD #01	6S	143	137	116	156	185	147
Reno Co. RWD #03	6S	116	210	238	198	161	185
Reno Co. RWD #04	6S	68	71	67	79	81	73
Reno Co. RWD #08	6S	144	146	148	161	153	150
Reno Co. WD #101	6S	111	105	125	127	119	117
Republic	7S	143	125	114	123	92	119
Republic Co. RWD #01	7S	333	327	269	266	302	299
Republic Co. RWD #02	7M	159	179	160	167	169	167
Reserve	8S	90	101	105	107	75	96
Rexford	2	463	456	292	287	259	351
Rice Co. RWD #01	6ML	122	168	na	109	133	133
Richmond	8S	73	75	75	77	83	77
Riley	7M	122	99	96	102	84	101
Riley Co. RWD #01	7M	107	94	105	na	113	105
Robinson	8S	95	93	109	94	90	96
Rocky Ford Water Company	7S	74	46	41	41	35	47
Rolla	1	219	243	202	199	291	231
Rolling Hills Inc.	2	498	501	na	na	na	500
Rooks Co. RWD #01	5	107	70	73	71	75	79
Rooks Co. RWD #02	5	64	70	68	72	100	75
Rooks Co. RWD #03	5	136	137	130	132	175	142
Rose Hill	7M	74	70	68	77	na	72
Roseland	8S	na	na	na	60	na	60
Rossville	7M	86	83	78	86	78	82

**TABLE 2  
ANNUAL AND AVERAGE GPCD USAGE FOR PUBLIC WATER SUPPLIERS  
KANSAS, 2007-2011**

<b>Public Water Supplier</b>	<b>Region</b>	<b>2007 GPCD</b>	<b>2008 GPCD</b>	<b>2009 GPCD</b>	<b>2010 GPCD</b>	<b>2011 GPCD</b>	<b>AVG GPCD</b>
Rozel	5	156	161	150	230	238	187
Rush Center	5	110	116	135	140	155	131
Rush Co. RWD #01	5	262	156	169	198	276	212
Russell	6ML	107	133	151	166	146	141
Russell Co. RWD #01	6S	149	140	116	152	120	135
Russell Co. RWD #02	6S	186	177	154	135	182	167
Russell Co. RWD #03	6ML	130	127	121	162	153	139
Russell Co. RWD #04	6S	120	119	161	154	258	162
Sabetha	7M	119	95	108	117	114	111
Salina	7L	116	109	110	121	117	115
Saline Co. RWD #01	7S	60	53	75	79	58	65
Saline Co. RWD #02	7S	124	116	118	97	134	118
Saline Co. RWD #03	7M	na	na	80	78	86	81
Saline Co. RWD #04	7M	87	91	84	95	90	89
Saline Co. RWD #06	7S	93	89	102	112	118	103
Saline Co. RWD #07	7S	71	60	70	72	71	69
Saline Co. RWD #08	7S	91	83	81	91	112	92
Satanta	2	238	259	220	225	316	252
Sawyer	6S	128	152	144	140	191	151
Scammon	8S	88	101	80	98	92	92
Scandia	7S	167	134	151	171	157	156
Schoenchen	5	na	na	na	na	72	72
Scott City	2	258	258	216	230	256	244
Scranton	7M	64	64	na	60	na	63
Sedan	7M	94	81	73	89	82	84
Sedgwick	7M	69	71	72	76	80	74
Sedgwick Co. RWD #01	7M	74	63	65	78	83	73
Sedgwick Co. RWD #02	7M	na	na	na	na	94	94
Sedgwick Co. RWD #03	7M	77	73	72	77	82	76
Sedgwick Co. RWD #04	7M	96	91	79	80	115	92
Selden	3	245	198	202	292	294	246
Seneca	7M	168	119	118	150	121	135
Severy	7S	108	78	80	72	102	88
Sharon	6S	143	136	120	130	210	148
Sharon Springs	1	263	264	224	255	243	250
Shawnee Co. RWD #01C	7M	77	69	79	83	88	79
Shawnee Co. RWD #02C	7M	87	82	83	85	80	83
Shawnee Co. RWD #03C	7M	106	99	94	97	112	102
Shawnee Co. RWD #04C	7L	86	80	92	98	106	92
Shawnee Co. RWD #08	7M	87	89	91	92	83	88
Silver Lake	7M	83	80	72	73	74	76
Simmons Subdivision Sanitation	7S	na	na	72	74	103	83
Simpson	6S	83	111	140	94	108	107
Smith Center	6ML	138	146	162	158	168	154
Smith Co. RWD #01	6S	154	134	178	196	162	165
Soldier	7S	61	62	63	55	51	58

**TABLE 2  
ANNUAL AND AVERAGE GPCD USAGE FOR PUBLIC WATER SUPPLIERS  
KANSAS, 2007-2011**

<b>Public Water Supplier</b>	<b>Region</b>	<b>2007 GPCD</b>	<b>2008 GPCD</b>	<b>2009 GPCD</b>	<b>2010 GPCD</b>	<b>2011 GPCD</b>	<b>AVG GPCD</b>
Solomon	7M	109	104	89	90	94	97
South Haven	7S	115	110	97	101	120	109
South Hutchinson	6ML	156	130	155	151	173	153
Spearville	4	133	123	128	131	194	142
Speed	5	99	89	129	87	109	103
Spivey	6S	127	140	165	119	138	138
Spring Hill	8M	90	79	74	88	61	78
St. Francis	1	310	274	232	287	277	276
St. George	7M	75	77	87	75	82	79
St. John	6ML	136	135	123	154	166	143
St. Marys	7M	102	98	98	91	94	97
St. Paul	8M	86	90	89	96	101	92
Stafford	6ML	133	118	114	121	151	127
Sterling	6ML	92	82	82	95	107	92
Stockton	5	149	114	98	101	115	115
Strong City	7M	129	87	96	102	86	100
Sublette	2	274	248	220	276	322	268
Suburban Water Company	8M	92	89	71	82	92	85
Summerfield	7S	91	82	102	90	102	93
Sumner Co. RWD #01	7S	114	145	134	93	128	123
Sumner Co. RWD #02	7S	117	110	131	103	124	117
Sumner Co. RWD #03	7S	83	79	80	93	105	88
Sumner Co. RWD #04	7M	107	93	90	90	99	96
Sumner Co. RWD #05	7M	136	na	109	87	83	104
Sumner Co. RWD #06	7S	91	84	86	95	96	90
Susank	6S	89	na	na	91	107	96
Sylvan Grove	6S	126	109	113	102	117	113
Sylvia	6S	105	97	93	87	124	101
Syracuse	1	346	377	349	379	397	370
Tescott	7S	105	95	96	95	81	94
Thayer	8S	132	na	122	107	118	120
Timber Creek Water & Sewer	7M	132	125	111	125	142	127
Timken	5	125	69	47	59	67	73
Tipton	6S	102	115	104	95	110	105
Tonganoxie	8M	88	80	80	82	73	81
Topeka	7L	138	129	120	129	131	129
Toronto	7S	88	98	87	89	99	92
Trego Co. RWD #01	4	71	81	67	116	132	93
Trego Co. RWD #02	4	90	101	114	129	163	119
Tribune	1	282	321	288	314	292	299
Troy	8M	112	91	107	109	108	105
Turon	6S	102	101	96	114	130	109
Udall	7M	78	84	83	96	104	89
Ulysses	2	224	253	240	255	263	247
Uniontown	8S	82	80	84	99	na	86
University Park Water	7S	54	47	45	46	44	47

**TABLE 2  
ANNUAL AND AVERAGE GPCD USAGE FOR PUBLIC WATER SUPPLIERS  
KANSAS, 2007-2011**

<b>Public Water Supplier</b>	<b>Region</b>	<b>2007 GPCD</b>	<b>2008 GPCD</b>	<b>2009 GPCD</b>	<b>2010 GPCD</b>	<b>2011 GPCD</b>	<b>AVG GPCD</b>
Utica	4	153	175	176	214	257	195
Valley Center	7M	74	83	80	100	100	87
Valley Falls	8M	107	115	114	127	107	114
Vermillion	7S	127	120	110	100	104	112
Victoria	5	107	107	95	105	110	105
Viola	7S	67	58	58	85	97	73
Virgil	7S	49	45	47	50	58	50
Wabaunsee Co. RWD #01	7S	77	90	91	96	114	94
Wabaunsee Co. RWD #02	7M	87	87	81	85	91	86
WaKeeney	4	189	199	172	178	181	184
Wakefield	7M	137	112	100	125	120	119
Waldo	6S	80	64	79	62	60	69
Wallace	1	244	220	203	250	319	247
Wallace Co. RWD #01	1	334	335	224	303	324	304
Walnut	8S	na	na	na	na	176	176
Walton	7S	74	67	na	na	77	73
Wamego	7M	118	109	94	107	136	113
Washington	7M	139	134	134	137	138	136
Washington Co. RWD #01	7M	92	88	95	84	97	91
Washington Co. RWD #02	7S	128	144	121	155	176	145
WaterOne - Johnson Co.	8L	155	145	139	146	155	148
Waterville	7M	144	125	126	121	144	132
Wathena	8M	112	103	99	104	132	110
Waverly	7M	78	75	72	77	75	75
Weir	8M	69	73	68	70	69	70
Wellington	7M	124	125	130	141	136	131
Wellsville	8M	74	70	67	63	63	67
West Hills Water Company	6S	296	233	226	440	397	318
West Mineral	8S	59	52	64	53	55	57
Westmoreland	7M	86	87	76	79	77	81
Wetmore	7S	79	81	82	84	90	83
White City	7M	94	96	76	77	66	82
White Cloud	8S	82	79	71	71	83	77
Whitewater	7M	83	80	77	74	75	78
Whiting	7S	63	64	68	62	59	63
Wichita	7L	141	130	126	133	143	135
Williamsburg	8S	80	74	71	72	62	72
Willis	8S	na	na	118	131	96	115
Wilsey	7S	55	54	60	62	72	61
Wilson	6ML	108	104	106	110	109	107
Wilson Co. RWD #01	7S	119	na	na	87	101	102
Wilson Co. RWD #02	7S	58	na	na	60	64	61
Wilson Co. RWD #03	7S	na	61	61	45	na	56
Wilson Co. RWD #04	7S	83	90	97	na	na	90
Wilson Co. RWD #05	7S	53	49	44	33	42	44
Wilson Co. RWD #06	7S	109	95	99	84	110	99

**TABLE 2  
ANNUAL AND AVERAGE GPCD USAGE FOR PUBLIC WATER SUPPLIERS  
KANSAS, 2007-2011**

<b>Public Water Supplier</b>	<b>Region</b>	<b>2007 GPCD</b>	<b>2008 GPCD</b>	<b>2009 GPCD</b>	<b>2010 GPCD</b>	<b>2011 GPCD</b>	<b>AVG GPCD</b>
Wilson Co. RWD #09	7S	67	na	na	na	na	67
Wilson Co. RWD #11	7M	64	67	78	73	60	68
Wilson Co. RWD #12	7S	68	65	65	63	87	70
Wilson Co. RWD #13	7S	75	na	70	68	78	73
Winchester	8M	90	78	81	74	78	80
Windom	7S	96	83	92	92	113	95
Winfield	7L	129	128	124	143	152	135
Winona	2	324	306	295	278	309	302
Woodbine	7S	na	na	na	58	53	56
Woodson Co. RWD #01	7M	73	63	66	60	64	65
Woodston	5	222	255	250	157	92	195
Yates Center	7M	114	101	100	105	103	105
Zenda	6S	121	122	109	124	196	134

**Note: GPCD figures are based on reported water sold to residential and commercial customers, metered free uses, and unaccounted for water. If insufficient information was provided to determine GPCD, or if no water use report was filed, "na" is shown.**

**TABLE 3**  
**ANNUAL AND AVERAGE PERCENT UNACCOUNTED FOR WATER (UFW)**  
**FOR PUBLIC WATER SUPPLIERS**  
**KANSAS, 2007-2011**

<b>Public Water Supplier</b>	<b>Region</b>	<b>2007 Percent UFW</b>	<b>2008 Percent UFW</b>	<b>2009 Percent UFW</b>	<b>2010 Percent UFW</b>	<b>2011 Percent UFW</b>	<b>AVG Percent UFW</b>
Abbyville	6S	17	36	10	9	6	16
Abilene	7M	18	13	15	18	11	15
Admire	7S	19	20	16	22	21	20
Agenda	7S	3	13	na	4	4	6
Agra	5	17	15	10	11	11	13
Albert	6S	5	7	11	8	na	8
Alexander	5	11	6	4	20	17	12
Allen	7S	9	10	9	4	14	9
Allen Co. RWD #02	8S	na	19	na	na	na	19
Allen Co. RWD #04	8S	3	na	4	na	7	5
Allen Co. RWD #08	8M	23	28	28	6	8	19
Allen Co. RWD #09	8S	100	100	na	na	na	100
Allen Co. RWD #10	8S	12	14	27	na	na	18
Allen Co. RWD #11	8S	na	17	8	33	17	19
Allen Co. RWD #12	8S	na	na	na	na	na	na
Allen Co. RWD #13	8S	20	29	37	43	34	33
Allen Co. RWD #15	8S	na	na	na	6	4	5
Allen Co. RWD #16	8S	100	100	100	100	5	81
Alma	7M	na	12	5	5	14	9
Almena	4	14	39	46	8	11	24
Alta Vista	7S	9	10	9	11	17	11
Altamont	8M	7	5	na	na	3	5
Alton	6S	7	10	16	34	18	17
Altoona	7S	12	10	10	na	13	11
Andale	7M	5	6	4	8	5	6
Anderson Co. RWD #01	8S	7	13	6	11	12	10
Anderson Co. RWD #01C	8M	15	24	23	24	13	20
Anderson Co. RWD #04	8M	21	22	18	16	10	17
Anderson Co. RWD #05	8M	14	na	24	20	20	20
Anthony	6ML	21	11	11	17	8	14
Arcadia	8S	7	15	15	17	15	14
Argonia	7M	8	5	4	5	4	5
Arkansas City	7L	23	28	28	28	23	26
Arlington	6S	5	7	4	6	7	6
Arma	8M	8	9	10	6	7	8
Arnold	4	100	100	100	100	100	100
Ashland	4	5	9	17	20	15	13
Assaria	7S	5	4	3	29	9	10
Atchison	8L	29	17	31	28	19	25
Atchison Co. RWD #01	8S	23	na	25	na	16	21
Atchison Co. RWD #05C	8M	14	27	na	na	na	21
Atchison Co. RWD #06	8M	na	na	na	16	na	16
Atlanta	7S	26	22	11	18	16	19
Attica	6ML	9	33	41	45	43	34
Atwood	2	6	10	13	10	15	11

**TABLE 3  
ANNUAL AND AVERAGE PERCENT UNACCOUNTED FOR WATER (UFW)  
FOR PUBLIC WATER SUPPLIERS  
KANSAS, 2007-2011**

<b>Public Water Supplier</b>	<b>Region</b>	<b>2007 Percent UFW</b>	<b>2008 Percent UFW</b>	<b>2009 Percent UFW</b>	<b>2010 Percent UFW</b>	<b>2011 Percent UFW</b>	<b>AVG Percent UFW</b>
Augusta	7M	22	36	30	23	17	26
Aurora	7S	10	6	na	na	6	7
Axtell	7S	4	11	7	6	3	6
Baldwin	8M	13	8	21	22	19	17
Barber Co. RWD #01	6S	100	100	100	100	na	100
Barber Co. RWD #02	6S	na	na	na	32	6	19
Barber Co. RWD #03	6S	19	23	30	17	20	22
Barnard	6S	15	9	15	5	6	10
Barnes	7S	34	27	40	30	27	32
Bartlett	8S	16	na	na	10	na	13
Barton Co. RWD #01	6S	12	23	11	20	24	18
Barton Co. RWD #02	6ML	na	na	na	na	na	na
Barton Hills WD	6S	8	7	6	6	10	7
Baxter Springs	8M	31	28	29	31	38	31
Bazine	4	10	11	12	16	9	12
Beattie	7S	19	26	25	13	19	20
Bel Aire	7M	4	6	na	na	3	4
Belle Plaine	7M	15	17	14	12	na	15
Belleville	7M	9	10	9	6	7	8
Beloit	6ML	8	11	9	9	14	10
Belpre	5	17	29	29	25	20	24
Belvidere	5	100	100	100	100	100	100
Belvue	7S	7	10	4	12	3	7
Bennington	7M	4	4	7	na	17	8
Benton	7M	10	na	8	10	30	15
Bern	7S	5	9	10	12	22	12
Beverly	6S	19	na	na	na	na	19
Bird City	1	39	24	41	25	42	34
Bison	5	na	16	21	11	19	17
Blue Mound	8S	8	12	9	10	13	10
Blue Rapids	7M	26	19	20	29	19	23
Blue River Hills Improvement	7S	100	100	100	100	100	100
Bluff City	6S	23	14	32	11	na	20
Bogue	4	9	10	10	8	11	10
Bonner Springs	8M	23	22	26	25	27	25
Bourbon Co. RWD #02C	8M	11	15	24	30	11	18
Bourbon Co. RWD #04	8M	13	11	14	23	25	17
Brewster	2	12	4	4	4	7	6
Bronson	8S	12	11	11	13	7	11
Brown Co. RWD #01	8M	21	20	18	29	31	24
Brown Co. RWD #02	8M	7	9	10	21	19	13
Brownell	4	13	10	16	8	5	10
Bucklin	4	15	18	31	14	9	17
Buffalo	7S	18	23	25	16	14	19
Buhler	6ML	6	4	na	na	na	5



**TABLE 3  
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FOR PUBLIC WATER SUPPLIERS  
KANSAS, 2007-2011**

<b>Public Water Supplier</b>	<b>Region</b>	<b>2007 Percent UFW</b>	<b>2008 Percent UFW</b>	<b>2009 Percent UFW</b>	<b>2010 Percent UFW</b>	<b>2011 Percent UFW</b>	<b>AVG Percent UFW</b>
Bunker Hill	6S	7	10	9	10	6	8
Burden	7M	7	9	7	8	9	8
Burdett	5	20	41	19	28	13	24
Burlingame	7M	24	7	na	6	3	10
Burlington	7M	14	7	10	13	4	10
Burns	7S	5	na	na	na	na	5
Burr Oak	6S	15	24	25	20	45	26
Burrton	7M	11	4	8	9	31	13
Bushton	6S	14	14	16	13	11	14
Butler Co. RWD #01	7M	17	23	15	12	17	17
Butler Co. RWD #02	7M	47	5	6	22	33	23
Butler Co. RWD #03	7M	15	12	15	22	23	17
Butler Co. RWD #05	7M	8	9	11	8	8	9
Butler Co. RWD #06	7M	11	23	14	15	9	14
Butler Co. RWD #07	7M	7	11	6	9	9	8
Butler Co. RWD #08	7M	12	10	6	14	16	12
Byron	7S	100	100	100	100	100	100
Caldwell	7M	14	18	21	27	20	20
Cambridge	7S	6	6	18	5	12	9
Caney	7M	24	24	22	29	30	26
Canton	7M	na	na	na	5	12	9
Carbondale	7M	17	16	27	17	20	19
Cassoday	7S	9	8	16	16	18	13
Cawker City	6S	33	25	na	10	10	20
Cedar Point	7S	25	29	25	7	12	20
Cedar Vale	7M	20	17	14	na	14	16
Centralia	7S	na	4	na	na	na	4
Chanute	8M	12	11	10	10	13	11
Chapman	7M	8	8	15	6	7	9
Chase	6S	18	12	22	14	18	17
Chase Co. RWD #01	7S	19	na	37	na	45	34
Chautauqua	7S	na	na	na	12	11	12
Chautauqua Co. RWD #01	7S	na	na	na	na	7	7
Chautauqua Co. RWD #02	7S	28	20	20	17	28	23
Chautauqua Co. RWD #03	7S	13	na	na	25	na	19
Chautauqua RWD #04	7S	na	na	na	na	20	20
Cheney	7M	9	10	8	6	4	7
Cherokee	8M	7	5	12	11	10	9
Cherokee Co. RWD #01	8M	37	40	31	30	31	34
Cherokee Co. RWD #02	8M	18	20	14	17	18	17
Cherokee Co. RWD #03	8M	39	49	40	49	43	44
Cherokee Co. RWD #04	8M	29	30	29	43	36	33
Cherokee Co. RWD #05	8S	11	13	8	13	19	13
Cherokee Co. RWD #06	8S	na	na	9	3	15	9
Cherokee Co. RWD #07	8S	39	41	37	37	44	40

**TABLE 3**  
**ANNUAL AND AVERAGE PERCENT UNACCOUNTED FOR WATER (UFW)**  
**FOR PUBLIC WATER SUPPLIERS**  
**KANSAS, 2007-2011**

<b>Public Water Supplier</b>	<b>Region</b>	<b>2007 Percent UFW</b>	<b>2008 Percent UFW</b>	<b>2009 Percent UFW</b>	<b>2010 Percent UFW</b>	<b>2011 Percent UFW</b>	<b>AVG Percent UFW</b>
Cherokee Co. RWD #08	8M	13	13	13	16	16	14
Cherryvale	7M	23	18	18	23	17	20
Chetopa	8M	4	23	11	17	27	16
Chicopee Rural Water	8S	35	14	10	8	8	15
Cimarron	3	9	12	11	8	3	9
Circleville	7S	21	24	23	11	17	19
Claffin	6ML	25	20	20	22	21	22
Clay Center	7M	10	8	6	6	8	8
Clay Co. RWD #01	7S	13	25	21	28	19	21
Clay Co. RWD #02	7M	9	11	12	16	11	12
Clayton	4	na	na	5	na	3	4
Clearwater	7M	12	15	13	15	14	14
Clifton	7M	13	13	17	10	12	13
Cloud Co. RWD #01	7S	36	31	32	21	15	27
Clyde	7M	8	15	10	20	19	14
Coal Hollow WD	8S	100	100	na	na	na	100
Coats	6S	15	10	11	10	11	11
Coffey Co. RWD #02	7M	13	13	28	15	16	17
Coffey Co. RWD #03	7M	6	9	5	11	8	8
Coffeyville	7L	23	15	9	17	17	16
Colby	2	21	23	23	18	15	20
Coldwater	5	na	7	22	5	4	10
Collyer	4	10	na	9	4	na	8
Colony	8S	6	9	4	5	na	6
Columbus	8M	26	15	21	16	11	18
Colwich	7M	na	na	na	na	8	8
Comanche Co. RWD #01	5	12	23	19	30	18	20
Comanche Co. RWD #02	5	52	45	63	58	47	53
Concordia	7M	11	12	20	10	15	14
Conway Springs	7M	22	15	19	12	17	17
Coolidge	1	16	28	5	30	20	20
Copeland	3	59	59	58	59	57	58
Cottonwood Falls	7M	4	3	10	20	na	9
Council Grove	7M	13	14	10	9	8	11
Courtland	7S	8	11	8	7	9	9
Cowley Co. RWD #01	7M	6	4	6	6	8	6
Cowley Co. RWD #02	7M	8	9	7	6	na	8
Cowley Co. RWD #03	7M	16	30	18	15	11	18
Cowley Co. RWD #04	7M	10	19	13	21	24	17
Cowley Co. RWD #05	7M	20	21	25	38	17	24
Cowley Co. RWD #06	7M	18	30	17	14	23	20
Cowley Co. RWD #07	7S	46	38	33	41	33	38
Cowley Co. RWD #08	7S	na	na	na	na	na	na
Crawford Co. RWD #01	8S	na	16	10	34	33	23
Crawford Co. RWD #01C	8M	16	17	21	20	19	19

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<b>Public Water Supplier</b>	<b>Region</b>	<b>2007 Percent UFW</b>	<b>2008 Percent UFW</b>	<b>2009 Percent UFW</b>	<b>2010 Percent UFW</b>	<b>2011 Percent UFW</b>	<b>AVG Percent UFW</b>
Crawford Co. RWD #03	8S	15	20	14	9	6	13
Crawford Co. RWD #04	8M	19	21	24	21	23	22
Crawford Co. RWD #05	8M	34	38	43	49	24	38
Crawford Co. RWD #06	8M	18	19	23	22	17	20
Crawford Co. RWD #07	8S	16	23	5	5	7	11
Cuba	7S	21	22	22	15	13	19
Cullison	6S	20	25	25	34	29	27
Culver	7S	11	15	15	17	18	15
Cunningham	6S	9	8	11	20	16	13
Damar	5	na	na	na	15	na	15
Dearing	7S	na	5	na	12	7	8
Deerfield	2	5	11	6	18	12	10
Delia	7S	100	100	100	na	na	100
Delphos	7S	30	30	34	30	30	31
Denison	8S	8	5	4	na	4	5
Derby (El Paso Water Co.)	7L	na	na	na	4	4	4
DeSoto	8M	54	36	46	50	46	46
Dexter	7S	10	9	9	13	13	11
Dickinson Co. RWD #01	7M	47	32	22	45	39	37
Dickinson Co. RWD #02	7M	27	28	21	29	21	25
Dighton	3	12	12	12	9	8	11
Dodge City	4	13	19	10	6	11	12
Doniphan Co. RWD #01	8M	18	27	34	23	na	26
Doniphan Co. RWD #02	8S	15	26	29	27	19	23
Doniphan Co. RWD #03	8S	8	8	23	18	36	19
Doniphan Co. RWD #05	8M	na	na	21	21	na	21
Dorrance	6S	17	13	13	8	8	12
Douglas Co. RWD #01	8M	17	21	13	17	21	18
Douglas Co. RWD #02	8M	23	17	24	11	8	17
Douglas Co. RWD #03	7M	20	28	22	16	11	19
Douglas Co. RWD #04	8M	21	22	22	23	6	19
Douglas Co. RWD #05	8M	5	3	13	15	14	10
Douglas Co. RWD #06	8M	na	4	na	na	5	5
Douglass	7M	13	12	11	13	12	12
Downs	6ML	22	12	21	28	13	19
Durham	7S	10	9	9	26	20	15
Dwight	7S	na	7	13	13	7	10
Easton	8S	12	10	5	23	29	16
Edgerton	8M	6	8	3	7	na	6
Edna	8S	11	na	13	6	8	10
Effingham	8M	3	na	na	12	6	7
El Dorado	7L	na	5	3	na	3	4
Elbing	7S	7	7	6	5	5	6
Elgin	7S	58	51	54	64	66	59
Elk City	7S	16	18	19	7	15	15

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Elk Co. RWD #01	7S	30	34	na	32	24	30
Elkhart	1	20	13	20	21	26	20
Ellinwood	6ML	5	3	4	4	na	4
Ellis	5	5	8	10	11	12	9
Ellis Co. RWD #03	5	4	7	100	100	100	62
Ellis Co. RWD #06	5	15	19	18	18	25	19
Ellsworth	6ML	17	17	17	14	13	16
Elmdale	7S	30	52	28	23	na	33
Elwood	8M	8	10	11	8	12	10
Emmett	7S	na	21	17	13	17	17
Emporia	7L	18	21	18	12	8	15
Englewood	4	97	97	95	93	94	95
Ensign	3	8	5	4	3	6	5
Enterprise	7M	12	11	13	18	17	14
Erie	8M	11	21	15	13	10	14
Esbon	6S	10	14	26	23	37	22
Eskridge	7M	4	4	3	6	6	5
Eudora	8M	6	7	7	6	5	6
Eureka	7M	9	12	11	12	14	12
Everest	8S	25	27	25	46	10	27
Fall River	7S	18	22	22	12	29	21
Farr Subdivision	2	100	100	100	100	na	100
Finney Co. RWD #01	2	na	na	5	5	6	5
Florence	7S	8	18	15	31	29	20
Fontana	8S	na	18	20	15	16	17
Ford	4	100	98	99	100	na	99
Formoso	6S	17	16	13	12	24	16
Fort Scott	8M	27	32	9	19	18	21
Fowler	3	11	11	3	5	10	8
Frankfort	7M	16	21	13	20	24	19
Franklin Co. RWD #01	8M	7	na	na	na	na	7
Franklin Co. RWD #02	8M	na	na	na	na	5	5
Franklin Co. RWD #03	8S	6	10	15	9	4	9
Franklin Co. RWD #04	8M	13	17	17	24	19	18
Franklin Co. RWD #05	8M	16	10	14	11	6	11
Franklin Co. RWD #06	8M	15	14	18	21	18	17
Fredonia	7M	15	7	8	na	13	11
Frontenac	8M	13	23	16	8	12	14
Fulton	8S	21	14	11	11	20	15
Galena	8M	20	19	21	14	25	20
Galesburg	8S	13	27	26	23	7	19
Galva	7M	13	5	5	4	5	6
Garden City	2	4	na	3	na	na	4
Garden Plain	7M	4	3	3	13	27	10
Garden Spot Rentals	2	100	100	100	100	100	100

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Gardner	8L	16	18	14	15	17	16
Garnett	8M	13	14	11	7	8	11
Gas	8M	4	na	6	9	4	6
Gaylord	6S	48	16	5	8	11	18
Geary Co. RWD #02	7S	100	100	100	100	100	100
Geary Co. RWD #04	7M	5	4	3	5	4	4
Geneseo	6S	33	18	8	14	33	21
Geuda Springs	7S	11	11	15	15	25	15
Girard	8M	16	18	11	14	14	15
Glade	5	50	38	48	42	16	39
Glasco	7S	7	8	11	10	9	9
Glen Elder	6S	12	13	9	12	12	12
Goddard	7M	na	na	4	na	9	7
Goessel	7M	22	22	21	14	15	19
Goff	7S	5	12	7	na	na	8
Goodland	1	25	25	27	24	16	23
Gorham	6S	19	19	7	5	8	12
Gove	3	23	45	26	10	na	26
Grainfield	3	5	11	21	16	14	13
Grandview Plaza	7M	15	11	12	13	8	12
Great Bend	6ML	25	24	18	12	7	17
Greeley	8S	na	na	4	4	5	4
Green	7S	16	17	29	29	28	24
Greenleaf	7S	18	13	17	15	4	13
Greensburg	5	12	16	17	18	15	16
Greenwood Co. RWD #01	7M	31	32	20	32	40	31
Greenwood Co. RWD #02	7M	16	19	19	20	18	18
Greenwood Co. RWD #03	7S	13	25	14	24	17	19
Grenola	7S	18	17	9	13	na	14
Gridley	7S	17	13	6	16	18	14
Grinnell	3	na	7	7	4	5	6
Gypsum	7S	na	3	10	8	10	8
Haddam	7S	30	30	31	23	23	27
Halstead	7M	15	14	13	12	11	13
Hamilton	7S	9	17	15	15	12	14
Hamilton Co. RWD #01	1	7	8	4	na	na	6
Hanover	7M	13	17	na	na	17	16
Hanston	4	17	10	16	17	24	17
Hardtner	6S	10	4	38	35	13	20
Harper	6ML	11	7	11	9	12	10
Harper Co. RWD #04	6S	20	43	54	54	26	39
Harper Co. RWD #05	6S	30	na	16	na	na	23
Hartford	7M	26	28	19	15	na	22
Harvey Co. RWD #01	7M	12	21	13	17	19	16
Harveyville	7S	10	10	7	5	3	7

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Haven	6ML	29	27	24	23	23	25
Haviland	5	14	13	13	14	6	12
Hays	5	9	11	7	7	11	9
Hays City Suburban	5	100	100	100	100	100	100
Haysville	7L	11	11	9	14	8	11
Hazelton	6S	12	40	26	45	5	26
Herington	7M	6	20	12	19	35	18
Herndon	2	24	12	40	49	28	31
Hesston	7M	4	15	16	15	13	13
Hiawatha	8M	5	6	8	6	6	6
Highland	8M	17	11	15	14	15	14
Hill City	4	19	18	27	24	19	21
Hillsboro	7M	18	5	8	na	9	10
Hoisington	6ML	14	21	22	20	12	18
Holcomb	2	12	9	7	11	14	11
Holton	7M	6	16	14	11	15	12
Holyrood	6S	3	7	8	6	10	7
Hope	7S	3	3	na	5	17	7
Horace	1	8	9	10	16	11	11
Horton	8M	9	6	5	11	10	8
Howard	7M	6	6	7	5	12	7
Howison Heights WD	7S	6	20	19	26	20	18
Hoxie	3	11	15	13	7	11	11
Hoyt	7M	4	4	5	7	na	5
Hugoton	2	7	7	6	8	6	7
Humboldt	8M	15	14	17	24	20	18
Hunter	6S	19	16	na	na	na	18
Hutchinson	6ML	9	8	14	13	9	11
Independence	7L	22	27	19	26	30	25
Ingalls	3	18	100	na	100	na	73
Inman	7M	7	6	7	6	6	6
Iola	8M	21	17	21	18	20	19
Isabel	6S	14	4	na	12	11	10
Iuka	6S	4	4	5	6	na	5
Jackson Co. RWD #01	7M	18	20	10	na	9	14
Jackson Co. RWD #03	7M	21	17	17	16	13	17
Jamestown	7S	na	13	17	20	20	18
Jefferson Co. RWD #01	8M	25	20	13	12	15	17
Jefferson Co. RWD #02	8M	36	56	37	30	27	37
Jefferson Co. RWD #03	8M	54	27	26	28	33	34
Jefferson Co. RWD #07	8M	21	27	25	26	28	25
Jefferson Co. RWD #08	8S	7	10	21	3	6	9
Jefferson Co. RWD #09	8S	29	22	20	na	24	24
Jefferson Co. RWD #10	7S	17	24	40	na	48	32
Jefferson Co. RWD #11	8S	19	15	13	10	9	13

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Jefferson Co. RWD #12	8M	11	11	13	5	12	10
Jefferson Co. RWD #13	8M	27	44	32	20	15	28
Jefferson Co. RWD #15	8S	14	4	4	4	12	8
Jennings	3	24	36	30	29	31	30
Jetmore	4	11	7	20	9	8	11
Jewell	6S	10	6	8	17	8	10
Jewell Co. RWD #01	6S	19	27	26	28	32	26
Johnson City	1	17	13	11	11	16	14
Johnson Co. RWD #06C	8M	17	12	4	5	na	10
Johnson Co. RWD #07	8M	9	na	na	23	18	17
Junction City	7L	21	25	18	17	23	21
Kanopolis	6S	13	25	18	31	14	20
Kanorado	1	22	8	12	15	17	15
Kansas City BPU	8L	17	20	17	19	18	18
Kechi	7M	5	na	na	na	na	5
Kensington	6ML	23	26	20	10	22	20
Kincaid	8S	3	na	15	na	na	9
Kingman	6ML	10	9	9	11	6	9
Kingman Co. RWD #01	6S	20	20	24	34	28	25
Kinsley	5	19	22	19	12	5	15
Kiowa	6ML	14	18	15	11	na	15
Kirwin	5	22	20	17	43	14	23
Kismet	2	22	28	24	34	19	25
Konza Valley Water District	7S	9	3	10	14	5	8
La Crosse	5	19	23	20	19	22	21
La Cygne	8M	6	6	na	3	4	5
La Harpe	8M	7	4	12	9	7	8
Labette Co. RWD #01C	8S	na	na	na	na	19	19
Labette Co. RWD #03	8M	8	11	17	14	16	13
Labette Co. RWD #05	8M	4	na	na	na	na	4
Labette Co. RWD #06	8M	na	na	na	na	na	na
Labette Co. RWD #07	8M	11	12	14	13	19	14
Labette Co. RWD #08	8M	26	100	24	32	31	43
Lakeside Village Improvement	8S	62	68	60	59	62	62
Lakin	2	6	7	8	10	6	7
Lancaster	8S	na	na	na	na	6	6
Lane	8S	11	24	7	18	13	15
Lane Co. RWD #01	3	19	19	14	14	13	16
Lansing (Lan-Del WC)	8M	6	6	na	7	4	6
Larned	5	16	17	14	15	9	14
Latham	7S	13	8	9	9	4	9
Lawrence	8L	3	5	4	na	na	4
Leavenworth	8L	11	10	11	15	14	12
Leavenworth Co. RWD #01C	8M	8	6	9	17	15	11
Leavenworth Co. RWD #02	8M	36	38	28	36	40	36

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Leavenworth Co. RWD #05	8M	8	9	12	26	na	14
Leavenworth Co. RWD #06	8M	9	16	13	12	24	15
Leavenworth Co. RWD #07	8M	9	7	10	4	6	7
Leavenworth Co. RWD #08	8M	20	26	17	7	15	17
Leavenworth Co. RWD #09	8M	20	13	10	15	18	15
Leavenworth Co. RWD #10	8M	na	16	na	na	na	16
Lebanon	6S	8	19	16	11	12	13
Lebo	7M	4	4	4	5	7	5
Lecompton	8M	13	11	11	21	15	14
Lehigh	7S	na	na	18	100	100	73
Lenora	4	18	19	34	35	37	29
Leon	7M	19	21	30	25	27	24
Leonardville	7S	11	9	11	7	5	9
Leoti	2	13	na	na	5	6	8
LeRoy	7M	na	na	7	9	na	8
Lewis	5	8	5	7	3	7	6
Liberal	2	9	9	8	9	9	9
Liebenthal	5	5	10	11	12	15	11
Lincoln Center	6ML	28	27	30	18	18	24
Lindsborg	7M	8	14	13	13	10	12
Linn	7S	5	7	5	7	5	6
Linn Co. RWD #01	8M	21	14	25	26	17	21
Linn Co. RWD #02	8M	27	na	34	22	18	25
Linn Co. RWD #03	8M	26	na	31	39	29	31
Linwood	8S	10	17	20	19	27	19
Little Bear Mound	7S	100	100	100	na	na	100
Little River	6ML	12	9	15	18	8	12
Logan	5	10	23	30	23	13	20
Long Island	5	14	na	60	50	44	42
Longford	7S	7	na	na	3	na	5
Longton	7S	19	23	29	27	31	26
Lorraine	6S	61	7	3	5	14	18
Louisburg	8M	6	10	9	6	20	10
Lucas	6S	28	12	10	na	na	17
Luray	6S	10	6	11	na	11	10
Lyndon	7M	23	12	17	12	13	15
Lyon Co. RWD #01	7M	na	na	na	na	na	na
Lyon Co. RWD #02	7M	4	4	18	7	4	7
Lyon Co. RWD #03	7S	9	17	12	14	10	12
Lyon Co. RWD #04	7M	3	na	na	na	na	3
Lyon Co. RWD #05	7M	14	4	4	13	9	9
Lyons	6ML	11	10	16	13	23	15
Macksville	6ML	13	18	18	16	13	16
Madison	7M	15	19	11	16	8	14
Mahaska	7S	5	3	5	na	10	6



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Maize	7M	9	7	5	28	6	11
Manchester	7S	14	na	31	na	22	22
Manhattan	7L	9	11	13	13	14	12
Mankato	6ML	26	35	31	25	13	26
Manter	1	28	12	19	21	12	18
Maple Hill	7M	6	7	8	9	7	7
Marion	7M	19	na	9	4	4	9
Marion Co. Imp. Dist. #02	7S	na	4	4	4	3	4
Marion Co. RWD #01	7M	9	16	17	17	16	15
Marion Co. RWD #04	7M	11	13	10	8	14	11
Marquette	7M	4	7	7	10	11	8
Marshall Co. RWD #01	7S	12	14	13	6	8	11
Marshall Co. RWD #03	7M	15	17	14	17	13	15
Marysville	7M	31	17	15	19	25	21
Matfield Green	7S	20	24	50	27	16	27
Mayetta	7S	7	3	10	5	6	6
Mayfield	7S	na	na	na	na	na	na
McCracken	5	na	3	na	3	3	3
McCune	8S	20	13	20	99	na	38
McDonald	2	50	44	40	18	35	37
McFarland	7S	10	17	23	25	20	19
McLouth	8M	12	11	14	12	10	12
McPherson	7L	7	6	7	6	5	6
McPherson Co. RWD #01	7S	na	12	na	na	6	9
McPherson Co. RWD #02	7S	4	na	3	4	4	4
McPherson Co. RWD #03	7S	na	na	100	na	100	100
McPherson Co. RWD #04	7M	6	17	7	11	14	11
McPherson Co. RWD #06	7S	9	8	na	na	na	9
Meade	3	13	20	20	22	9	17
Medicine Lodge	6ML	28	31	15	15	18	21
Melvern	7S	11	9	20	16	22	16
Miami Co. RWD #01	8M	11	16	15	17	16	15
Miami Co. RWD #02	8M	9	10	9	4	na	8
Miami Co. RWD #03	8M	19	9	6	13	9	11
Miami Co. RWD #04	8M	na	15	12	12	11	13
Milford	7M	11	8	5	8	4	7
Miltonvale	7M	25	18	18	14	16	18
Minneapolis	7M	24	5	11	9	18	13
Minneola	4	12	16	17	15	14	15
Mitchell Co. RWD #02	6ML	9	12	13	13	13	12
Moline	7S	13	7	8	10	na	10
Montezuma	3	13	9	13	13	12	12
Montgomery Co. RWD #01	7S	na	na	na	na	na	na
Montgomery Co. RWD #01C	7M	na	17	13	na	19	16
Montgomery Co. RWD #02	7M	13	7	5	4	6	7

**TABLE 3  
ANNUAL AND AVERAGE PERCENT UNACCOUNTED FOR WATER (UFW)  
FOR PUBLIC WATER SUPPLIERS  
KANSAS, 2007-2011**

<b>Public Water Supplier</b>	<b>Region</b>	<b>2007 Percent UFW</b>	<b>2008 Percent UFW</b>	<b>2009 Percent UFW</b>	<b>2010 Percent UFW</b>	<b>2011 Percent UFW</b>	<b>AVG Percent UFW</b>
Montgomery Co. RWD #02C	7M	na	na	na	12	19	16
Montgomery Co. RWD #06	7M	20	20	25	27	27	24
Montgomery Co. RWD #08	7S	44	37	26	18	na	31
Montgomery Co. RWD #12	7M	21	16	28	14	6	17
Montgomery Co. RWD #13	7S	28	na	13	14	21	19
Montgomery Co. RWD #14	7S	22	16	20	10	7	15
Moran	8M	10	4	5	7	11	7
Morganville	7S	na	na	na	na	na	na
Morland	4	9	10	9	8	8	9
Morrill	8S	28	25	4	14	na	18
Morris Co. RWD #01	7M	7	12	5	16	12	10
Morrowville	7S	16	16	11	15	12	14
Moscow	2	9	15	19	23	26	18
Mound City	8M	na	na	na	na	9	9
Mound Valley	8S	8	5	3	na	5	5
Moundridge	7M	na	na	na	6	na	6
Mount Hope	7M	9	8	12	24	9	12
Mulberry	8M	24	38	23	21	34	28
Mullinville	5	21	25	16	24	15	20
Mulvane	7M	12	11	10	9	9	10
Munden	7S	na	24	10	12	31	19
Muscotah	8S	56	36	10	na	9	28
Narka	7S	20	na	28	27	43	30
Natoma	6S	34	17	19	15	25	22
Nemaha Co. RWD #01	7S	12	23	7	7	8	11
Nemaha Co. RWD #02	7S	7	na	na	3	3	4
Nemaha Co. RWD #03	7M	7	7	6	10	8	8
Nemaha Co. RWD #04	7M	17	19	22	6	13	15
Neodesha	7M	13	7	11	na	na	10
Neosho Co. RWD #01C	8M	na	6	28	40	na	25
Neosho Co. RWD #02	8M	26	14	18	25	22	21
Neosho Co. RWD #03	8S	36	40	11	9	na	24
Neosho Co. RWD #04	8M	23	12	30	21	12	20
Neosho Co. RWD #05	8S	26	na	28	41	na	32
Neosho Co. RWD #06	8S	19	34	20	41	16	26
Neosho Co. RWD #07	8M	33	25	33	23	9	25
Neosho Co. RWD #08	8S	8	5	7	7	7	7
Neosho Co. RWD #09	8S	22	11	21	33	34	24
Neosho Co. RWD #12	8S	9	10	7	12	16	11
Ness City	4	na	13	4	12	6	9
Netawaka	7S	na	na	23	8	11	14
New Strawn	7S	15	3	9	11	12	10
Newton	7L	8	9	12	14	14	11
Nickerson	6ML	7	37	31	25	32	26
Norcatour	3	9	6	6	24	8	11

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KANSAS, 2007-2011**

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North Newton	7M	23	10	15	8	na	14
Norton	4	16	17	19	16	18	17
Norton Co. RWD #01	4	11	9	11	9	11	10
Nortonville	8M	8	10	7	5	9	8
Norwich	6S	14	9	12	10	7	10
Oakley	2	13	15	16	36	21	20
Oberlin	3	11	9	10	5	8	9
Offerle	5	5	7	14	19	17	12
Ogden	7M	7	7	7	3	4	6
Oketo	7S	20	16	na	na	na	18
Olathe	8L	13	12	15	17	15	14
Olmitz	6S	21	14	15	20	36	21
Olpe	7M	na	na	na	3	8	6
Olsburg	7S	5	5	na	7	na	6
Onaga	7M	5	6	8	5	13	7
Oneida	7S	13	13	13	7	8	11
Osage City	7M	8	12	11	11	7	10
Osage Co. RWD #02	7S	12	13	15	10	18	14
Osage Co. RWD #03	7M	17	14	7	6	5	10
Osage Co. RWD #04	7M	17	17	17	16	17	17
Osage Co. RWD #05	7M	17	21	18	19	22	19
Osage Co. RWD #06	7S	18	16	29	46	34	29
Osage Co. RWD #07	7M	20	26	26	30	21	25
Osage Co. RWD #08	7M	22	20	na	na	10	17
Osawatomie	8M	17	17	9	6	7	11
Osborne	6ML	13	21	14	13	12	15
Osborne Co. RWD #01A	6S	50	33	54	48	45	46
Osborne Co. RWD #02	6S	6	22	11	8	16	13
Oskaloosa	8M	na	10	10	3	na	8
Oswego	8M	4	na	na	4	15	8
Otis	5	12	11	7	8	16	11
Ottawa	8L	12	20	17	17	11	15
Ottawa Co. RWD #01	7S	3	38	na	46	46	33
Ottawa Co. RWD #02	7M	15	12	14	7	10	12
Overbrook	7M	29	6	15	3	3	11
Oxford	7M	14	24	3	15	18	15
Ozawkie	8M	14	14	12	18	14	14
Palco	5	27	10	13	18	11	16
Palmer	7S	9	8	12	12	4	9
Paola	8M	15	12	14	15	13	14
Paradise	6S	13	13	18	17	15	15
Park	3	3	3	25	32	28	18
Park City	7M	8	8	7	6	3	6
Parker	8S	20	18	12	8	11	14
Parsons	8L	11	8	3	10	15	9

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Pawnee Rock	6S	15	14	14	10	na	13
Paxico	7S	na	na	na	na	na	na
Peabody	7M	13	7	17	26	na	16
Perry	8M	15	15	10	7	15	12
Peru	7S	9	8	5	8	23	11
Phillips Co. RWD #01	5	na	na	13	14	26	18
Phillipsburg	5	9	6	8	11	5	8
Pittsburg	8L	6	12	15	15	22	14
Plains	3	15	17	15	18	18	17
Plainville	5	15	11	17	18	15	15
Pleasanton	8M	16	18	14	17	16	16
Pomona	8M	na	7	3	5	4	5
Portis	6S	16	14	16	26	29	20
Post Rock RWD	5	10	24	17	26	20	19
Pottawatomie Co. RWD #01	7M	na	na	na	18	14	16
Pottawatomie Co. RWD #02	7M	31	35	35	32	30	33
Pottawatomie Co. RWD #03	7M	20	16	15	14	17	16
Pottawatomie Co. RWD #04	7M	11	9	12	4	5	8
Potwin	7S	7	7	na	na	5	6
Prairie View	5	6	13	28	18	17	16
Pratt	6ML	6	15	10	15	11	11
Prescott	8S	na	7	10	na	7	8
Preston	6S	15	na	8	39	27	22
Pretty Prairie	6ML	5	9	10	13	15	10
Princeton	8S	9	9	11	na	17	12
Protection	5	15	18	26	9	6	15
Quenemo	7S	na	9	na	12	5	9
Quinter	3	18	15	15	9	7	13
Randall	6S	12	12	11	na	10	11
Randolph	7S	12	5	15	8	10	10
Ransom	4	na	na	5	5	19	10
Rantoul	8S	8	7	6	5	8	7
Raymond	6S	10	10	5	na	9	9
Reading	7S	na	na	na	na	na	na
Red Bud Lake Improvement	7S	47	16	5	5	5	16
Reno Co. RWD #01	6S	na	6	5	na	3	5
Reno Co. RWD #03	6S	14	18	22	27	16	19
Reno Co. RWD #04	6S	9	4	na	3	12	7
Reno Co. RWD #08	6S	9	10	25	11	10	13
Reno Co. WD #101	6S	5	5	13	13	5	8
Republic	7S	17	24	23	21	na	21
Republic Co. RWD #01	7S	34	40	39	38	40	38
Republic Co. RWD #02	7M	27	28	30	29	23	27
Reserve	8S	30	41	50	36	33	38
Rexford	2	4	10	9	9	10	8

**TABLE 3**  
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<b>Public Water Supplier</b>	<b>Region</b>	<b>2007 Percent UFW</b>	<b>2008 Percent UFW</b>	<b>2009 Percent UFW</b>	<b>2010 Percent UFW</b>	<b>2011 Percent UFW</b>	<b>AVG Percent UFW</b>
Rice Co. RWD #01	6ML	15	27	na	9	10	15
Richmond	8S	9	14	13	14	22	14
Riley	7M	30	30	28	28	8	25
Riley Co. RWD #01	7M	6	5	na	na	10	7
Robinson	8S	20	19	26	17	24	21
Rocky Ford Water Company	7S	100	100	100	100	100	100
Rolla	1	9	6	6	9	11	8
Rolling Hills Inc.	2	100	100	na	na	na	100
Rooks Co. RWD #01	5	5	na	na	na	na	5
Rooks Co. RWD #02	5	10	16	13	10	30	16
Rooks Co. RWD #03	5	12	19	17	18	20	17
Rose Hill	7M	3	3	na	5	na	4
Roseland	8S	na	na	na	na	na	na
Rossville	7M	11	13	8	6	4	8
Rozel	5	13	14	7	27	12	15
Rush Center	5	na	11	12	10	13	12
Rush Co. RWD #01	5	24	17	16	15	11	17
Russell	6ML	7	21	24	27	23	20
Russell Co. RWD #01	6S	21	18	19	15	22	19
Russell Co. RWD #02	6S	100	100	100	100	100	100
Russell Co. RWD #03	6ML	23	14	19	25	25	21
Russell Co. RWD #04	6S	18	27	4	19	48	23
Sabetha	7M	6	3	6	8	5	6
Salina	7L	11	12	11	14	9	11
Saline Co. RWD #01	7S	15	na	8	na	na	12
Saline Co. RWD #02	7S	27	17	27	9	22	20
Saline Co. RWD #03	7M	na	na	5	14	13	11
Saline Co. RWD #04	7M	19	17	8	20	15	16
Saline Co. RWD #06	7S	10	10	13	14	22	14
Saline Co. RWD #07	7S	7	4	18	17	9	11
Saline Co. RWD #08	7S	13	15	17	11	19	15
Satanta	2	4	14	10	8	5	8
Sawyer	6S	6	5	8	6	5	6
Scammon	8S	14	23	24	23	17	20
Scandia	7S	7	22	11	16	6	12
Schoenchen	5	na	na	na	na	3	3
Scott City	2	9	9	7	3	4	6
Scranton	7M	10	15	na	12	na	12
Sedan	7M	16	15	15	4	9	12
Sedgwick	7M	na	4	3	9	na	5
Sedgwick Co. RWD #01	7M	9	na	6	12	5	8
Sedgwick Co. RWD #02	7M	na	na	na	na	na	na
Sedgwick Co. RWD #03	7M	na	na	na	na	3	3
Sedgwick Co. RWD #04	7M	20	39	22	4	33	24
Selden	3	8	7	28	27	27	19

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Seneca	7M	7	na	3	4	5	5
Severy	7S	17	22	21	30	15	21
Sharon	6S	18	15	15	16	14	16
Sharon Springs	1	15	12	10	11	13	12
Shawnee Co. RWD #01C	7M	6	na	6	6	4	6
Shawnee Co. RWD #02C	7M	20	12	17	19	9	15
Shawnee Co. RWD #03C	7M	na	na	na	3	3	3
Shawnee Co. RWD #04C	7L	14	14	14	12	4	12
Shawnee Co. RWD #08	7M	13	16	18	13	10	14
Silver Lake	7M	8	4	10	4	7	7
Simmons Subdivision Sanitation	7S	na	na	21	93	15	43
Simpson	6S	17	47	52	31	28	35
Smith Center	6ML	23	34	31	26	33	29
Smith Co. RWD #01	6S	7	9	12	14	10	10
Soldier	7S	8	3	na	7	20	10
Solomon	7M	13	16	4	na	5	10
South Haven	7S	13	16	6	17	11	13
South Hutchinson	6ML	11	6	7	8	11	9
Spearville	4	9	6	13	8	9	9
Speed	5	3	15	46	10	4	16
Spivey	6S	34	39	32	5	na	28
Spring Hill	8M	5	7	12	11	5	8
St. Francis	1	10	7	8	13	7	9
St. George	7M	8	9	20	17	14	14
St. John	6ML	16	21	19	27	15	20
St. Marys	7M	3	5	8	6	7	6
St. Paul	8M	7	15	na	8	3	8
Stafford	6ML	6	5	6	na	na	6
Sterling	6ML	na	6	4	12	na	7
Stockton	5	9	25	14	10	4	12
Strong City	7M	na	6	na	na	6	6
Sublette	2	9	8	9	8	6	8
Suburban Water Company	8M	10	11	na	5	11	9
Summerfield	7S	7	6	4	8	11	7
Sumner Co. RWD #01	7S	14	31	28	na	11	21
Sumner Co. RWD #02	7S	8	8	29	14	23	16
Sumner Co. RWD #03	7S	na	na	na	10	11	11
Sumner Co. RWD #04	7M	32	31	32	41	35	34
Sumner Co. RWD #05	7M	15	na	4	17	24	15
Sumner Co. RWD #06	7S	9	4	8	9	6	7
Susank	6S	12	na	na	17	20	16
Sylvan Grove	6S	6	11	6	10	18	10
Sylvia	6S	26	23	25	22	20	23
Syracuse	1	5	6	8	8	4	6
Tescott	7S	18	12	15	10	4	12

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Thayer	8S	8	na	9	5	12	9
Timber Creek Water & Sewer	7M	12	17	15	11	7	12
Timken	5	3	21	8	4	4	8
Tipton	6S	11	na	na	9	5	8
Tonganoxie	8M	16	13	13	15	15	14
Topeka	7L	16	9	10	12	11	12
Toronto	7S	12	13	14	14	11	13
Trego Co. RWD #01	4	5	6	4	7	9	6
Trego Co. RWD #02	4	16	11	13	12	11	13
Tribune	1	9	13	13	17	13	13
Troy	8M	8	4	5	6	12	7
Turon	6S	10	10	12	20	12	13
Udall	7M	na	18	16	27	24	21
Ulysses	2	5	6	6	6	7	6
Uniontown	8S	14	15	13	17	na	15
University Park Water	7S	6	4	4	na	na	5
Utica	4	8	4	20	11	17	12
Valley Center	7M	4	13	10	10	25	12
Valley Falls	8M	16	21	15	18	4	15
Vermillion	7S	na	5	na	6	8	6
Victoria	5	18	22	18	16	17	18
Viola	7S	13	9	9	10	12	11
Virgil	7S	13	13	9	22	na	14
Wabaunsee Co. RWD #01	7S	13	17	16	17	21	17
Wabaunsee Co. RWD #02	7M	12	11	11	10	11	11
WaKeeney	4	16	11	17	8	12	13
Wakefield	7M	24	15	21	25	28	23
Waldo	6S	na	9	25	na	na	17
Wallace	1	3	na	na	6	na	5
Wallace Co. RWD #01	1	6	5	3	6	9	6
Walnut	8S	na	na	na	na	100	100
Walton	7S	na	19	na	na	na	19
Wamego	7M	7	5	8	6	na	7
Washington	7M	24	12	24	17	17	19
Washington Co. RWD #01	7M	9	9	13	7	12	10
Washington Co. RWD #02	7S	22	17	20	28	20	21
WaterOne - Johnson Co.	8L	9	13	14	12	11	12
Waterville	7M	9	8	10	5	25	11
Wathena	8M	29	30	28	27	40	31
Waverly	7M	8	6	11	12	11	10
Weir	8M	5	12	15	15	15	12
Wellington	7M	3	11	16	19	14	13
Wellsville	8M	5	10	7	na	11	8
West Hills Water Company	6S	100	100	100	100	100	100
West Mineral	8S	14	10	12	na	na	12

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Westmoreland	7M	13	7	9	10	13	10
Wetmore	7S	13	18	19	17	23	18
White City	7M	20	37	19	na	7	21
White Cloud	8S	16	16	32	31	26	24
Whitewater	7M	7	5	4	3	10	6
Whiting	7S	23	11	14	11	11	14
Wichita	7L	4	8	8	7	8	7
Williamsburg	8S	100	16	4	4	na	31
Willis	8S	na	na	16	41	33	30
Wilsey	7S	4	4	6	na	na	5
Wilson	6ML	12	13	14	14	17	14
Wilson Co. RWD #01	7S	24	na	na	12	14	17
Wilson Co. RWD #02	7S	100	na	na	28	100	76
Wilson Co. RWD #03	7S	na	100	100	100	na	100
Wilson Co. RWD #04	7S	8	19	22	na	na	16
Wilson Co. RWD #05	7S	33	29	29	12	7	22
Wilson Co. RWD #06	7S	19	16	32	13	21	20
Wilson Co. RWD #09	7S	19	na	na	na	na	19
Wilson Co. RWD #11	7M	25	28	44	47	18	32
Wilson Co. RWD #12	7S	7	11	10	9	7	9
Wilson Co. RWD #13	7S	28	na	13	23	31	24
Winchester	8M	4	9	12	13	13	10
Windom	7S	11	13	16	21	5	13
Winfield	7L	14	11	13	7	5	10
Winona	2	20	16	5	16	7	13
Woodbine	7S	na	na	na	3	5	4
Woodson Co. RWD #01	7M	15	14	15	14	11	14
Woodston	5	26	25	24	9	na	21
Yates Center	7M	15	11	8	8	9	10
Zenda	6S	36	19	19	21	22	23

**Note: Percent unaccounted for water represents all unmetered usage divided by total water produced or purchased. If insufficient information was provided to determine the percent unaccounted for water, or if percent unaccounted for water was less than 2.5, or if no water use report was filed, "na" is shown.**



Figure 1  
Regions Used for Gallons Per Capita Per Day (GPCD) Analysis

