

In cooperation with the Kansas Department of Agriculture's Division of Water Resources

Public-Supply Water Use in Kansas, 2013

Data Series 964

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By Jennifer L. Lanning-Rush and Patrick J. Eslick

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U.S. Department of the Interior
U.S. Geological Survey

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Abstract

This report, prepared by the U.S. Geological Survey in cooperation with the Kansas Department of Agriculture's Division of Water Resources, presents derivative statistics of water used by Kansas public-supply systems in 2013. The published statistics from the previous 4 years (2009–12) are also shown with the 2013 statistics and are used to calculate a 5-year average. An overall Kansas average and regional averages also are calculated and presented.

Introduction

Reliable water use information assists planners and managers in the water resources community with the analysis of water resources issues. Information on individual Kansas public-supply systems is essential for directing State-funded technical assistance to public water suppliers for leak detection and meter testing. Water use information also aids in the preparation of conservation plans that prepare suppliers in advance of heightened water demand, such as during periods of drought (Kansas Water Office, 2007). Other benefits of water use information include peer comparison among public water-supply systems, identification of high water-loss systems that may require followup by the Kansas Rural Water Association, and completion by the U.S. Geological Survey (USGS) of 5-year national water-use reports (Kansas Department of Agriculture, 2015).

Kansas has two State agencies with responsibilities related to water-quantity planning: the Kansas Department of Agriculture's Division of Water Resources (DWR) and the Kansas Water Office (KWO). The DWR administers the Kansas Water Appropriation Act (Kansas Statutes Annotated § 82a-701 to 82a-726), which governs how water is allocated and used within the State through water rights. The KWO is responsible for water planning, policy, marketing contracts, and coordination of water resources throughout the State. Data on public water-supply use has been published annually since the late 1980s (Kansas Department of Agriculture, 1988–2012).

Purpose and Scope

This report, prepared by the USGS in cooperation with the DWR, presents derivative statistics of water used by Kansas public-supply systems in 2013. The published statistics from the previous 4 years (2009–12) (Kansas Department of Agriculture, 1988–2012) are also shown with the 2013 statistics and are used to calculate a 5-year average. An overall Kansas average and regional averages also are calculated and presented. A public water-supply system is defined in the Kansas Statutes Annotated § 65-162a as “a system for the provision to the public of piped water for human consumption, if such system has at least ten (10) service connections or regularly serves an average of at least twenty-five (25) individuals daily at least sixty (60) days out of the year.” Most of the public-supply systems in Kansas are cities, municipalities, and rural water districts. Mobile home parks have been excluded from this report. In this report, the terms “municipal” and “public supply” are synonymous.

Annual Public-Supply Water-Use Reporting

A provision of the DWR's water appropriation program requires all municipal water right owners to submit an annual water-use report (see appendix, <http://dx.doi.org/10.3133/ds964>). Public water suppliers must provide details on the quantity of water diverted each calendar year; and, if applicable, the water purchased from and sold to other suppliers, sales to retail customers, metered free water, unaccounted for water, detailed service connection numbers, and population served. Retail customers can be residential; commercial; or institutions such as schools, universities, or hospitals. Retail customers can also be industrial, feedlot, pasture, stockwater, or bulk water service customers. Data submitted on the municipal water-use reports are stored in the DWR's Water Rights Information System (WRIS) (Kenny, 2014). The WRIS is the primary record-keeping and reporting mechanism for water rights administered by the DWR. The DWR also requests

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an annual water-use report from public water suppliers who do not have their own source of water through a water right. These public water suppliers, known as nonprimary water systems, generally purchase water from other suppliers and (or) public wholesale water districts. Nonprimary water systems are requested to supply a subset of the information required by primary water systems (see appendix).

The KWO is charged by the State Water Resource Planning Act (Kansas Statutes Annotated § 82a-901 to 82a-954) with the authority to negotiate and enter into long-term (multi-decadal) agreements regarding the use of water from federal reservoirs to meet the water-supply needs of municipalities and industries in Kansas. This authority is managed through the Water Marketing Program of the KWO, which maintains monthly records of water diverted from U.S. Army Corps of Engineers reservoirs. In 2013, active municipal supply contracts existed for the following nine reservoirs: Big Hill Lake, Clinton Lake, Council Grove Lake, Elk City Lake, Hillsdale Lake, Kanopolis Lake, Marion Lake, Melvern Lake, and Pomona Lake (not shown).

Description of Public-Supply Water-Use Statistics Calculated

Water use is often described in terms of gallons per capita per day (gpcd), which is commonly known as gallons per person per day. Gallons per capita per day is a conceptually easy to understand number that allows for meaningful comparisons between public-supply systems. In this report, gallons per capita per day includes water sold to residential and commercial customers as well as water provided free of charge for public services such as firefighting, street washing, or the flushing of water lines. Swimming pools and parks can also be subject to free water and are generally those maintained by municipalities for public use.

In Kansas, annual precipitation ranges from about 16 to 20 inches in the west to about 40 inches in the southeast (High Plains Regional Climate Center, 2015). To better illustrate the influence of these precipitation patterns and to provide meaningful comparisons between suppliers, Kansas has been grouped into eight regions (fig. 1), which generally follow the county boundaries. The three most populous regions (6, 7, and 8) are further subdivided into categories of large (serve 10,000 people or more), medium (serve between 500 and 9,999 people), and small (serve between 25 and 499 people) suppliers. Regional gpcd averages for the years 2009, 2010, 2011, 2012, and 2013 are provided in table 1.

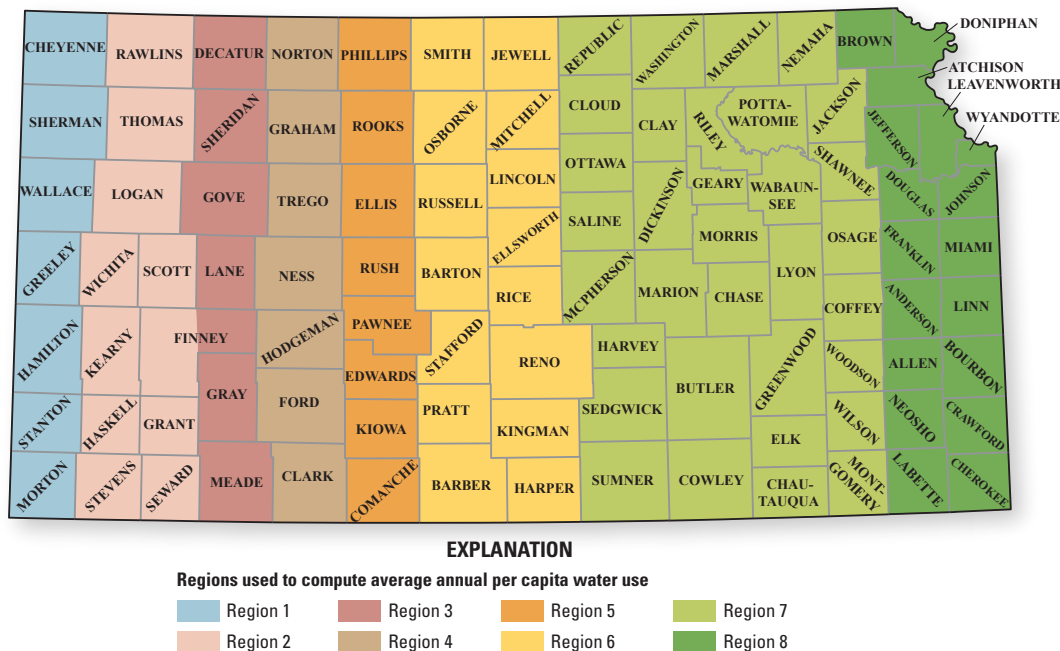


Figure 1. Regions used for analysis of per capita water use in Kansas, 2013.

Gallons per capita per day is calculated using self-reported information in the “Part B: Monthly Water Use Summary” and “Part C: Population, Service Connections, and Water Rates” sections of the DWR’s municipal water use report (see appendix, <http://dx.doi.org/10.3133/ds964>) where quantities are reported in thousands of gallons and are computed as:

$$gpcd=(DIV+PUR-SOL-IND)/(POP*0.365) \quad (1)$$

where

- gpcd is water use in gallons per capita per day,
- DIV is the water diverted for all points of diversion under the supplier’s water rights (column 1 in part B of the water-use report in the appendix),
- PUR is the water purchased from other suppliers or through the KWO’s Water Marketing Program (column 2 in part B of the water-use report in the appendix),
- SOL is the water sold to all other public water suppliers (column 3 in part B of the water-use report in the appendix),
- IND is the water sold to industrial, livestock, pasture, feedlot, and other bulk water service connections (column 4 in part B of the water-use report in the appendix),
- POP is the estimated number of people served directly by residential and commercial customers (part C of the water-use report in the appendix), and
- 0.365 is a multiplier to account for the number of days in the year.

Individual public water supplier annual 2009, 2010, 2011, 2012, 2013, and 5-year average gpcds are provided in table 2. If insufficient information was provided on the water-use report or if no water-use report was filed, then “na” is shown in table 2. Water sales for industrial and livestock uses are generally excluded from the gpcd calculation. Four rural water districts (RWDs) are excluded from table 1 regional averages because over 40 percent of their service connections are livestock, and the amount supplied to those connections cannot be split from residential sales. The excluded RWDs are: Barber County RWD #02, Comanche County RWD #02, Osborne County RWD #01A, and Phillips County RWD #01.

Unsold water that is not metered is considered unaccounted for water. If a system does not meter its customers, then all water may be considered unaccounted for water (ufw). Percent unaccounted for water is calculated using self-reported information in “Part B: Monthly Water Use Summary” of the DWR’s municipal water-use report and is computed as:

$$ufw=[(DIV+PUR-SOL-IND-CUST-FREE)/(DIV+PUR)]*100 \quad (2)$$

where

- ufw is the unaccounted for water, in percent;
- DIV is the water diverted for all points of diversion under the supplier’s water rights (column 1 in part B of the water-use report in the appendix);
- PUR is the water purchased from other suppliers or through the KWO’s Water Marketing Program (column 2 in part B of the water-use report in the appendix);
- SOL is the water sold to all other public water suppliers (column 3 in part B of the water-use report in the appendix);
- IND is the water sold to industrial, livestock, pasture, feedlot, and other bulk water service connections (column 4 in part B of the water-use report in the appendix);
- CUST is the water sold to residential and commercial customers (column 5 in part B of the water-use report in the appendix); and
- FREE is the metered water provided free (column 6 in part B of the water-use report in the appendix).

Individual public water supplier annual 2009, 2010, 2011, 2012, 2013, and 5-year average percent ufw are provided in table 3. If insufficient information was provided on the water-use report or if no water-use report was filed, then “na” is shown in table 3. If a public water supplier has less than 3 percent unaccounted for water and all sales figures have been verified as accurate, then the amount of water diverted is possibly under recorded. Such cases are listed as “na” in table 3. Large percentages of unaccounted for water (over 30 percent) may happen when the amount of water diverted has been over reported. Some systems do not meter, so all water may be considered unaccounted for and such cases are listed as 100 percent in table 3. Unaccounted for water information can be a critical tool for public water suppliers in pursuit of water efficiency.

Summary

This report documents 2013 water use by Kansas public water suppliers. The tables provided in this report were prepared using self-reported data from public water suppliers that filed 2013 municipal water use reports with the Kansas Department of Agriculture’s Division of Water Resources.

References Cited

- High Plains Regional Climate Center [2015] Climate Data: High Plains Regional Climate Center Web page, accessed September 11, 2015, at <http://www.hprcc.unl.edu/maps.php?map=Normals>.
- Kansas Department of Agriculture, Division of Water Resources, 1988–2012, Kansas municipal water use: Topeka, Kans., [published annually since 1988, pagination and authorship varies, available on request from the Kansas Department of Agriculture].
- Kansas Department of Agriculture, Division of Water Resources, 2015, Water use data collection and use: Manhattan, Kans., Kansas Department of Agriculture Fact Sheet, 2 p., accessed September 11, 2015, at <http://agriculture.ks.gov/docs/default-source/dwr-water-appropriation-documents/waterusedatacollection-2015b0d5d4002e6262e-1aa5bff0000620720.pdf?sfvrsn=2>.
- Kansas Water Office, 2007, 2007 Kansas municipal water conservation plan guidelines: Topeka Kans., Kansas Water Office, 42 p., accessed September 11, 2015, at http://www.kwo.org/Reports/Reports/rpt_2007%20WCP_Guidelines_081507.pdf.
- Kenny, J.F., 2014, Public-supply water use in Kansas, 1990–2012: U.S. Geological Survey Fact Sheet 2014–3116, 4 p., accessed September 11, 2015 at <http://dx.doi.org/10.3133/fs20143116>.

Table 1. Annual and average gallons per capita per day for public water suppliers in Kansas, by region and size, 2009–13.

[gpcd, gallon per capita per day]

| Region ¹ | Average gpcd | | | | | 2009–13 average gpcd |
|---------------------|--------------|------|------|------|------|----------------------------|
| | 2009 | 2010 | 2011 | 2012 | 2013 | |
| 1 | 228 | 259 | 282 | 316 | 280 | 273 |
| 2 | 199 | 224 | 237 | 261 | 227 | 230 |
| 3 | 195 | 223 | 229 | 256 | 217 | 224 |
| 4 | 156 | 168 | 196 | 199 | 175 | 179 |
| 5 | 139 | 137 | 149 | 149 | 126 | 140 |
| 6ML ² | 131 | 139 | 151 | 152 | 126 | 140 |
| 6S | 117 | 114 | 134 | 131 | 110 | 121 |
| 7L | 124 | 134 | 140 | 139 | 120 | 131 |
| 7M | 94 | 98 | 103 | 105 | 93 | 99 |
| 7S | 87 | 87 | 93 | 93 | 84 | 89 |
| 8L | 122 | 125 | 130 | 134 | 115 | 125 |
| 8M | 89 | 93 | 94 | 95 | 88 | 92 |
| 8S | 78 | 79 | 81 | 81 | 73 | 78 |
| Kansas | 109 | 114 | 122 | 125 | 110 | 116 |

¹S, indicates small suppliers of 25 to 499 people; M, indicates medium suppliers of 500 to 9,999 people; L, indicates large suppliers of 10,000 people or more.

²Medium and large are combined because of the limited number of systems in region 6.

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Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|-----------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Abbyville | 33073 | 6S | 101 | 111 | 213 | 216 | 97 | 148 | Yes |
| Abilene | 16 | 7M | 147 | 137 | 136 | 155 | 134 | 142 | Yes |
| Admire | 32367 | 7S | 64 | 69 | 75 | 74 | 59 | 68 | Yes |
| Agenda | 87 | 7S | 86 | 70 | 78 | 93 | 95 | 84 | Yes |
| Agra | 2841 | 5 | 91 | 101 | 115 | 105 | 113 | 105 | Yes |
| Albert | 2842 | 6S | 91 | 125 | 158 | 171 | 132 | 135 | Yes |
| Alexander | 2843 | 5 | 93 | 114 | 99 | 123 | 89 | 104 | Yes |
| Allen | 33090 | 7S | 56 | 48 | 61 | 70 | 49 | 57 | Yes |
| Allen Co. RWD #02 | 23835 | 8S | NA | NA | NA | NA | NA | NA | No |
| Allen Co. RWD #04 | 23837 | 8S | 101 | 67 | 85 | 109 | 81 | 89 | Yes |
| Allen Co. RWD #06 | 23839 | 8S | NA | NA | NA | NA | NA | NA | No |
| Allen Co. RWD #07 | 23840 | 8S | NA | NA | NA | 63 | NA | 63 | Yes |
| Allen Co. RWD #08 | 23841 | 8M | 121 | 128 | 123 | 111 | 105 | 118 | Yes |
| Allen Co. RWD #10 | 34203 | 8S | 75 | NA | NA | 55 | 53 | 61 | Yes |
| Allen Co. RWD #12 | 34599 | 8S | 61 | 60 | 86 | 91 | 52 | 70 | Yes |
| Allen Co. RWD #13 | 33777 | 8S | 102 | 121 | 132 | 66 | 74 | 99 | Yes |
| Allen Co. RWD #15 | 34314 | 8S | 61 | 58 | 57 | 63 | 61 | 60 | Yes |
| Allen Co. RWD #16 | 33776 | 8S | 129 | 77 | 113 | 172 | 93 | 117 | Yes |
| Alma | 2844 | 7M | 111 | 107 | 118 | 133 | 107 | 115 | Yes |
| Almena | 20310 | 4 | 83 | 84 | 104 | 166 | 183 | 124 | Yes |
| Alta Vista | 30210 | 7S | 74 | 78 | 75 | 67 | 58 | 70 | Yes |
| Altamont | 227 | 8M | 74 | 78 | 83 | 81 | 72 | 78 | Yes |
| Alton | 20290 | 6S | 117 | 117 | 132 | 131 | 141 | 128 | Yes |
| Altoona | 233 | 7S | 74 | 63 | 55 | NA | 56 | 62 | Yes |
| Andale | 38067 | 7M | 85 | 89 | 91 | 89 | 75 | 86 | Yes |
| Anderson Co. RWD #01 | 34007 | 8S | 101 | 106 | 80 | 94 | 72 | 91 | Yes |
| Anderson Co. RWD #01C | 57826 | 8M | 62 | 73 | 70 | 82 | 92 | 76 | Yes |
| Anderson Co. RWD #04 | 15200 | 8M | 104 | 82 | 75 | 91 | 87 | 88 | Yes |
| Anderson Co. RWD #05 | 23842 | 8M | 76 | 72 | 77 | 72 | 65 | 72 | Yes |
| Anthony | 370 | 6ML | 130 | 131 | 139 | 143 | 142 | 137 | Yes |
| Arcadia | 2847 | 8S | 66 | 67 | 87 | NA | 59 | 70 | Yes |
| Argonia | 411 | 7M | 93 | 95 | 113 | 108 | 104 | 103 | Yes |
| Arkansas City | 413 | 7L | 143 | 144 | 130 | 156 | 127 | 140 | Yes |
| Arlington | 416 | 6S | 83 | 102 | 122 | 99 | 75 | 96 | Yes |
| Arma | 417 | 8M | 76 | 71 | 69 | 76 | 66 | 72 | Yes |
| Arnold | 32854 | 4 | 111 | 124 | 98 | 109 | 140 | 116 | Yes |
| Ashland | 471 | 4 | 213 | 218 | 276 | 286 | 212 | 241 | Yes |
| Assaria | 484 | 7S | 59 | 112 | 91 | 85 | 73 | 84 | Yes |
| Atchison | 488 | 8L | 206 | 199 | 158 | 177 | 157 | 179 | Yes |
| Atchison Co. RWD #01 | 33716 | 8M | 79 | NA | 77 | 54 | 44 | 64 | Yes |
| Atchison Co. RWD #03 | 33718 | 8S | NA | NA | NA | NA | NA | NA | No |
| Atchison Co. RWD #05C | 58472 | 8M | NA | NA | NA | NA | 91 | 91 | Yes |

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|---------------------------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Atchison Co. RWD #06 | 33720 | 8M | NA | 88 | NA | NA | NA | 88 | Yes |
| Atlanta | 501 | 7S | 62 | 63 | 85 | 79 | NA | 72 | Yes |
| Attica | 504 | 6ML | 200 | 245 | 272 | 249 | 199 | 233 | Yes |
| Atwood | 22248 | 2 | 156 | 182 | 175 | 234 | 179 | 185 | Yes |
| Augusta | 513 | 7M | 169 | 168 | 157 | 137 | 124 | 151 | Yes |
| Aurora | 20287 | 7S | 67 | 83 | 118 | 82 | 128 | 96 | Yes |
| Axtell | 536 | 7S | 77 | 77 | 74 | 84 | 81 | 79 | Yes |
| Baldwin | 649 | 8M | 88 | 96 | 101 | 110 | 84 | 96 | Yes |
| Barber Co. RWD #01 | 34361 | 6S | 203 | 198 | 193 | 184 | 157 | 187 | Yes |
| Barber Co. RWD #02 | 15195 | 6S | NA | 449 | 581 | 551 | 497 | 520 | No |
| Barber Co. RWD #03 | 15199 | 6S | 85 | 78 | 95 | 85 | 67 | 82 | Yes |
| Barnard | 756 | 6S | 41 | 70 | 60 | 106 | 95 | 74 | Yes |
| Barnes | 764 | 7S | 132 | 115 | 105 | 103 | 83 | 108 | Yes |
| Bartlett | 54997 | 8S | NA | 100 | NA | 114 | NA | 107 | Yes |
| Barton Co. RWD #02 | 15196 | 6ML | 37 | 45 | 60 | 59 | 36 | 47 | Yes |
| Barton Hills Water District | 33006 | 6S | 40 | 33 | 145 | 42 | 41 | 60 | Yes |
| Baxter Springs | 933 | 8M | 124 | 123 | 148 | 149 | 155 | 140 | Yes |
| Bazine | 943 | 4 | 90 | 115 | 123 | 135 | 109 | 114 | Yes |
| Beattie | 22016 | 7S | 92 | 81 | 110 | 114 | 114 | 102 | Yes |
| Bel Aire | 25219 | 7M | 94 | 114 | 127 | 130 | 93 | 112 | Yes |
| Belle Plaine | 1098 | 7M | 97 | 105 | 81 | 95 | 87 | 93 | Yes |
| Belleville | 1099 | 7M | 154 | 157 | 152 | 176 | 153 | 158 | Yes |
| Beloit | 1100 | 6ML | 84 | 84 | 126 | 141 | 124 | 112 | Yes |
| Belpre | 1101 | 5 | 107 | 130 | 174 | 195 | 131 | 147 | Yes |
| Belvidere | 6162 | 5 | 214 | 297 | 355 | 218 | 261 | 269 | Yes |
| Belvue | 1104 | 7S | 84 | 72 | 86 | 77 | 68 | 77 | Yes |
| Bennington | 1131 | 7M | 89 | 90 | 81 | 85 | 116 | 92 | Yes |
| Bentley | 39238 | 7M | NA | NA | NA | NA | NA | NA | No |
| Benton | 1147 | 7M | 72 | 74 | 97 | 74 | 66 | 77 | Yes |
| Bern | 1196 | 7S | 101 | 117 | 162 | 123 | 85 | 118 | Yes |
| Beverly | 1250 | 6S | 70 | 87 | 94 | 92 | 74 | 83 | Yes |
| Bird City | 1319 | 1 | 264 | 275 | 358 | 404 | 323 | 325 | Yes |
| Bison | 1350 | 5 | 94 | 89 | 74 | 94 | 77 | 86 | Yes |
| Blue Mound | 1460 | 8S | 61 | 67 | 71 | 60 | 67 | 65 | Yes |
| Blue Rapids | 1461 | 7M | 121 | 132 | 110 | 127 | 82 | 114 | Yes |
| Blue River Hills Improvement District | 16265 | 7S | 96 | NA | 78 | 88 | 100 | 90 | Yes |
| Bluff City | 1465 | 6S | 82 | 95 | 113 | 80 | 51 | 84 | Yes |
| Bogue | 1520 | 4 | 148 | 198 | 211 | 282 | 225 | 213 | Yes |
| Bonner Springs | 1572 | 8M | 141 | 144 | 136 | 132 | 130 | 137 | Yes |
| Bourbon Co. RWD #02C | 34048 | 8M | 97 | 105 | 93 | 83 | 73 | 90 | Yes |
| Bourbon Co. RWD #04 | 20867 | 8M | 117 | 122 | 120 | 108 | 77 | 109 | Yes |

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Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|------------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Brewster | 1909 | 2 | 199 | 227 | 234 | 331 | 210 | 240 | Yes |
| Bronson | 1997 | 8S | 69 | 77 | 70 | 61 | 64 | 68 | Yes |
| Brookville | 2019 | 7S | NA | NA | NA | NA | NA | NA | No |
| Brown Co. RWD #01 | 15192 | 8M | 84 | 103 | 115 | 86 | 82 | 94 | Yes |
| Brown Co. RWD #02 | 38841 | 8M | 84 | 115 | 108 | 104 | 91 | 100 | Yes |
| Brownell | 20981 | 4 | 141 | 107 | 189 | 188 | NA | 156 | Yes |
| Bucklin | 2193 | 4 | 139 | 148 | 175 | 169 | 145 | 155 | Yes |
| Buffalo | 2219 | 7S | 108 | 56 | 69 | 55 | 70 | 72 | Yes |
| Buhler | 2224 | 6ML | 120 | 130 | 143 | 157 | 121 | 134 | Yes |
| Bunker Hill | 2246 | 6S | 100 | 101 | 100 | 108 | 102 | 102 | Yes |
| Burden | 2260 | 7M | 85 | 97 | 125 | 113 | 99 | 104 | Yes |
| Burdett | 2264 | 5 | 134 | 169 | 178 | 223 | 137 | 168 | Yes |
| Burlingame | 2305 | 7M | 82 | 83 | 91 | 89 | 86 | 86 | Yes |
| Burlington | 2306 | 7M | 98 | 113 | 99 | 99 | 95 | 101 | Yes |
| Burns | 2312 | 7S | 68 | 67 | 81 | 87 | 79 | 76 | Yes |
| Burr Oak | 2317 | 6S | 131 | 108 | 150 | 183 | 108 | 136 | Yes |
| Burrton | 2331 | 7M | 81 | 86 | 99 | 92 | 73 | 86 | Yes |
| Bushton | 2350 | 6S | 109 | 127 | 149 | 147 | 120 | 130 | Yes |
| Butler Co. RWD #01 | 15191 | 7M | 82 | 84 | 97 | 89 | 82 | 87 | Yes |
| Butler Co. RWD #02 | 29224 | 7M | 67 | 82 | 108 | 103 | 75 | 87 | Yes |
| Butler Co. RWD #03 | 29226 | 7M | 74 | 85 | 89 | 79 | 78 | 81 | Yes |
| Butler Co. RWD #04 | 29233 | 7M | NA | NA | NA | NA | NA | NA | No |
| Butler Co. RWD #05 | 29227 | 7M | 73 | 74 | 82 | 76 | 65 | 74 | Yes |
| Butler Co. RWD #06 | 29228 | 7M | 73 | 78 | 85 | 88 | 103 | 85 | Yes |
| Butler Co. RWD #07 | 54998 | 7M | 63 | 67 | 50 | 66 | 63 | 62 | Yes |
| Butler Co. RWD #08 | 24789 | 7M | 69 | 70 | 77 | 77 | 68 | 72 | Yes |
| Caldwell | 32342 | 7M | 94 | 98 | 108 | 101 | 90 | 98 | Yes |
| Cambridge | 2465 | 7S | 62 | 61 | 62 | NA | NA | 62 | Yes |
| Caney | 2504 | 7M | 122 | 128 | 122 | 116 | 108 | 119 | Yes |
| Canton | 2512 | 7M | 93 | 106 | 152 | 143 | 103 | 119 | Yes |
| Carbondale | 2521 | 7M | 104 | 85 | 76 | 78 | 108 | 90 | Yes |
| Cassoday | 2644 | 7S | 89 | 100 | 107 | 116 | 94 | 101 | Yes |
| Cawker City | 2673 | 6S | 134 | 127 | 142 | 152 | 128 | 137 | Yes |
| Cedar Point | 34053 | 7S | 77 | 67 | 84 | 100 | 70 | 80 | Yes |
| Cedar Vale | 2689 | 7M | 67 | NA | 79 | 73 | 76 | 74 | Yes |
| Centralia | 39511 | 7M | 79 | 77 | 79 | 79 | 72 | 77 | Yes |
| Chanute | 2740 | 8M | 102 | 104 | 117 | 107 | 100 | 106 | Yes |
| Chapman | 20907 | 7M | 160 | 158 | 174 | 172 | 115 | 156 | Yes |
| Chase | 20834 | 6S | 129 | 123 | 146 | 133 | 100 | 126 | Yes |
| Chase Co. RWD #01 | 34363 | 7S | 97 | NA | 111 | 108 | 101 | 104 | Yes |
| Chautauqua | 54999 | 7S | NA | 80 | 80 | 57 | 59 | 69 | Yes |
| Chautauqua Co. RWD #01 | 34459 | 7S | 70 | 65 | 69 | 85 | 72 | 72 | Yes |

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|-------------------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Chautauqua Co. RWD #02 | 35446 | 7S | 90 | 101 | 118 | 117 | 98 | 105 | Yes |
| Chautauqua Co. RWD #03 | 40615 | 7S | NA | 81 | NA | 88 | 46 | 72 | Yes |
| Chautauqua Co. RWD #04 | 61986 | 7S | NA | NA | 49 | 45 | 41 | 45 | Yes |
| Cheney | 2758 | 7M | 139 | 155 | 193 | 164 | 131 | 156 | Yes |
| Cherokee | 2767 | 8M | 80 | 72 | 73 | 70 | 51 | 69 | Yes |
| Cherokee Co. RWD #01 | 15193 | 8M | 122 | 102 | 107 | 95 | 84 | 102 | Yes |
| Cherokee Co. RWD #02 | 15197 | 8M | 82 | 85 | 89 | 85 | 82 | 85 | Yes |
| Cherokee Co. RWD #03 | 15198 | 8M | 146 | 162 | 161 | 145 | 132 | 149 | Yes |
| Cherokee Co. RWD #04 | 15201 | 8M | 108 | 117 | 106 | 109 | 96 | 107 | Yes |
| Cherokee Co. RWD #05 | 32690 | 8S | 55 | 59 | 67 | 65 | 61 | 61 | Yes |
| Cherokee Co. RWD #06 | 33751 | 8S | 58 | 52 | 54 | NA | NA | 55 | Yes |
| Cherokee Co. RWD #07 | 34434 | 8S | 97 | 98 | 113 | 103 | 99 | 102 | Yes |
| Cherokee Co. RWD #08 | 32219 | 8M | 60 | 68 | 69 | 65 | 58 | 64 | Yes |
| Cherokee Co. RWD #09 | 55013 | 8M | NA | NA | NA | NA | NA | NA | No |
| Cherryvale | 2768 | 7M | 165 | 90 | 86 | 81 | 72 | 99 | Yes |
| Chetopa | 2773 | 8M | 113 | 120 | 120 | 115 | 108 | 115 | Yes |
| Chicopee Rural Water District | 34257 | 8S | 76 | 72 | 77 | 84 | 79 | 78 | Yes |
| Cimarron | 2830 | 3 | 258 | 275 | 313 | 302 | 246 | 279 | Yes |
| Circleville | 34337 | 7S | 61 | 55 | 60 | 51 | 55 | 56 | Yes |
| Claffin | 2857 | 6ML | 123 | 134 | 158 | 168 | 128 | 142 | Yes |
| Clay Center | 2934 | 7M | 119 | 166 | 174 | 178 | 122 | 152 | Yes |
| Clay Co. RWD #01 | 15203 | 7S | 180 | 220 | 150 | 107 | 121 | 156 | Yes |
| Clay Co. RWD #02 | 22113 | 7M | 62 | 68 | 67 | 74 | 81 | 70 | Yes |
| Clayton | 2938 | 4 | 93 | 100 | 97 | 85 | 129 | 101 | Yes |
| Clearwater | 2939 | 7M | 83 | 86 | 77 | 78 | 75 | 80 | Yes |
| Clifton | 2962 | 7M | 110 | 108 | 115 | 140 | 137 | 122 | Yes |
| Cloud Co. RWD #01 | 15204 | 7S | 128 | 103 | 92 | 117 | 101 | 108 | Yes |
| Clyde | 2987 | 7M | 127 | 126 | 126 | 143 | 129 | 130 | Yes |
| Coal Hollow Water District | 38417 | 8S | NA | NA | NA | 60 | 64 | 62 | Yes |
| Coats | 2992 | 6S | 112 | 143 | 175 | 135 | 167 | 146 | Yes |
| Coffey Co. RWD #02 | 22506 | 7M | 79 | 68 | 79 | 86 | 87 | 80 | Yes |
| Coffey Co. RWD #03 | 33835 | 7M | 53 | 59 | 97 | 87 | 67 | 73 | Yes |
| Coffeyville | 3018 | 7L | 154 | 193 | 173 | 175 | 170 | 173 | Yes |
| Colby | 3038 | 2 | 277 | 319 | 269 | 320 | 285 | 294 | Yes |
| Coldwater | 32341 | 5 | 189 | 208 | 226 | 235 | 255 | 223 | Yes |
| Collyer | 3096 | 4 | 89 | 89 | 107 | 140 | 99 | 105 | Yes |
| Colony | 3098 | 8S | 80 | 84 | NA | NA | 76 | 80 | Yes |
| Columbus | 3103 | 8M | 112 | 103 | 102 | 101 | 100 | 104 | Yes |
| Colwich | 37973 | 7M | 59 | 60 | 69 | 81 | 78 | 69 | Yes |
| Comanche Co. RWD #01 | 34392 | 5 | 131 | 183 | 126 | 147 | 140 | 145 | Yes |
| Comanche Co. RWD #02 | 15211 | 5 | 694 | 703 | 800 | 702 | 809 | 742 | No |
| Concordia | 3122 | 7M | 122 | 124 | 129 | 138 | 129 | 128 | Yes |

10 Public-Supply Water Use in Kansas, 2013

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|-------------------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Conway Springs | 3166 | 7M | 115 | 104 | 115 | 92 | 79 | 101 | Yes |
| Coolidge | 3203 | 1 | 211 | 280 | 253 | 159 | 344 | 249 | Yes |
| Copeland | 3247 | 3 | 233 | 289 | 318 | 203 | 247 | 258 | Yes |
| Corning | 34298 | 7S | NA | NA | NA | 112 | 92 | 102 | Yes |
| Cottonwood Falls | 3323 | 7M | 91 | 117 | 91 | 87 | 76 | 92 | Yes |
| Council Grove | 3340 | 7M | 92 | 90 | 92 | 94 | 86 | 91 | Yes |
| Courtland | 3351 | 7S | 104 | 107 | 116 | 117 | 109 | 111 | Yes |
| Cowley Co. RWD #01 | 15205 | 7M | 75 | 77 | 93 | 101 | 75 | 84 | Yes |
| Cowley Co. RWD #02 | 34394 | 7M | 56 | 63 | NA | NA | NA | 60 | Yes |
| Cowley Co. RWD #03 | 15218 | 7M | 99 | 103 | 110 | 104 | 87 | 101 | Yes |
| Cowley Co. RWD #04 | 34395 | 7M | 78 | 98 | 118 | 136 | 124 | 111 | Yes |
| Cowley Co. RWD #05 | 33722 | 7M | 90 | 116 | 139 | 117 | 99 | 112 | Yes |
| Cowley Co. RWD #06 | 15226 | 7M | 75 | 79 | 97 | 81 | 77 | 82 | Yes |
| Cowley Co. RWD #07 | 21282 | 7S | 81 | 127 | 96 | 67 | 78 | 90 | Yes |
| Cowley Co. RWD #08 | 41516 | 7S | 86 | 91 | 90 | NA | 58 | 81 | Yes |
| Crawford Co. RWD #01 | 15206 | 8M | 116 | 101 | 114 | 64 | 84 | 96 | Yes |
| Crawford Co. RWD #01C | 30949 | 8M | 125 | 144 | 177 | 177 | 178 | 160 | Yes |
| Crawford Co. RWD #02 | 15212 | 8M | NA | NA | NA | 86 | NA | 86 | Yes |
| Crawford Co. RWD #03 | 15219 | 8S | 71 | 78 | 68 | 75 | 67 | 72 | Yes |
| Crawford Co. RWD #04 | 15221 | 8M | 87 | 87 | 90 | 89 | 75 | 86 | Yes |
| Crawford Co. RWD #05 | 15224 | 8M | 135 | 179 | 130 | 76 | 77 | 119 | Yes |
| Crawford Co. RWD #06 | 15227 | 8M | 103 | 96 | 94 | 108 | 94 | 99 | Yes |
| Crawford Co. RWD #07 | 55498 | 8S | 64 | 68 | 71 | 72 | NA | 69 | Yes |
| Cuba | 3543 | 7S | 113 | 122 | 119 | 115 | 117 | 117 | Yes |
| Cullison | 3553 | 6S | 171 | 237 | 214 | 185 | 156 | 193 | Yes |
| Culver | 23878 | 7S | 61 | 61 | 81 | 66 | 57 | 65 | Yes |
| Cunningham | 3571 | 6S | 173 | 193 | 228 | 231 | 186 | 202 | Yes |
| Damar | 3670 | 5 | NA | 119 | 100 | 93 | 99 | 103 | Yes |
| Dearing | 33938 | 7S | 73 | 78 | 76 | 62 | 61 | 70 | Yes |
| Deerfield | 3893 | 2 | 137 | 149 | 195 | 210 | 180 | 174 | Yes |
| Delia | 33123 | 7S | 53 | NA | NA | NA | 56 | 54 | Yes |
| Delphos | 3932 | 7S | 126 | 136 | 143 | 156 | 139 | 140 | Yes |
| Denison | 34338 | 8S | 53 | NA | 49 | 51 | 46 | 50 | Yes |
| Derby (El Paso Water Company) | 33488 | 7L | 89 | 102 | 116 | 117 | 95 | 104 | Yes |
| DeSoto | 3977 | 8M | 133 | 155 | 172 | 127 | 128 | 143 | Yes |
| Dexter | 4021 | 7S | 67 | 82 | 115 | 104 | 80 | 90 | Yes |
| Dickinson Co. RWD #01 | 15207 | 7M | 103 | 120 | 139 | 149 | 114 | 125 | Yes |
| Dickinson Co. RWD #02 | 15213 | 7M | 111 | 111 | 110 | 116 | 129 | 115 | Yes |
| Dighton | 4108 | 3 | 204 | 236 | 260 | 273 | 208 | 236 | Yes |
| Dodge City | 4207 | 4 | 172 | 164 | 199 | 183 | 159 | 175 | Yes |
| Doniphan Co. RWD #01 | 15208 | 8S | 44 | 59 | NA | NA | NA | 52 | Yes |
| Doniphan Co. RWD #02 | 15214 | 8S | 76 | 87 | 74 | 73 | 64 | 75 | Yes |

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|--|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Doniphan Co. RWD #03 | 15202 | 8S | 57 | 59 | 86 | 74 | 78 | 71 | Yes |
| Doniphan Co. RWD #05 | 23843 | 8M | 81 | 81 | NA | NA | NA | 81 | Yes |
| Dorrance | 21622 | 6S | 50 | 57 | 82 | 126 | 62 | 75 | Yes |
| Douglas Co. RWD #01 | 15209 | 8M | 78 | 91 | 109 | 124 | 91 | 99 | Yes |
| Douglas Co. RWD #02 | 15215 | 8M | 82 | 82 | 96 | 110 | 75 | 89 | Yes |
| Douglas Co. RWD #03 | 15220 | 7M | 78 | 74 | 74 | 88 | 78 | 78 | Yes |
| Douglas Co. RWD #04 | 55000 | 8M | 79 | 81 | 74 | 83 | 73 | 78 | Yes |
| Douglas Co. RWD #05 | 39221 | 8M | 62 | 71 | 75 | 82 | 66 | 71 | Yes |
| Douglas Co. RWD #06 | 55001 | 8M | 75 | NA | 88 | 93 | 83 | 85 | Yes |
| Douglass | 4304 | 7M | 77 | 83 | 80 | 77 | 69 | 77 | Yes |
| Downs | 4336 | 6ML | 166 | 160 | 149 | 181 | 137 | 159 | Yes |
| Durham | 4480 | 7S | 76 | 96 | 110 | 105 | 96 | 97 | Yes |
| Dwight | 4511 | 7S | 57 | 73 | 74 | 77 | 63 | 69 | Yes |
| Easton | 31979 | 8S | 79 | 107 | 131 | 131 | 122 | 114 | Yes |
| Edgerton | 4610 | 8M | 52 | 58 | 60 | 63 | 66 | 60 | Yes |
| Edna | 4619 | 8S | 71 | 70 | 68 | 70 | 63 | 68 | Yes |
| Effingham | 4636 | 8M | 76 | 84 | 74 | 81 | 70 | 77 | Yes |
| El Dorado | 4698 | 7L | 172 | 170 | 190 | 188 | 167 | 177 | Yes |
| Elbing | 55002 | 7S | 58 | 58 | 62 | 63 | 58 | 60 | Yes |
| Elgin | 4708 | 7S | 153 | 190 | 174 | 147 | 79 | 149 | Yes |
| Elk City | 4709 | 7S | 235 | 128 | 121 | 100 | 101 | 137 | Yes |
| Elk Co. RWD #01 | 34256 | 7M | NA | 123 | 132 | NA | 91 | 115 | Yes |
| Elk Co. RWD #02 | 63748 | 7S | NA | NA | NA | NA | NA | NA | No |
| Elkhart | 4710 | 1 | 309 | 343 | 368 | 334 | 299 | 331 | Yes |
| Ellinwood | 4717 | 6ML | 97 | 108 | 125 | 135 | 101 | 113 | Yes |
| Ellis | 4753 | 5 | 91 | 97 | 101 | 109 | 75 | 95 | Yes |
| Ellis Co. RWD #01 | 15210 | 5 | 85 | 86 | NA | NA | NA | 86 | Yes |
| Ellis Co. RWD #03 | 20643 | 5 | 50 | 56 | 53 | 55 | 49 | 53 | Yes |
| Ellis Co. RWD #06 | 15222 | 5 | 123 | 141 | 150 | 167 | 161 | 148 | Yes |
| Ellis Co. RWD #1C | 57485 | 5 | NA | NA | NA | NA | NA | NA | No |
| Ellsworth | 4780 | 6ML | 130 | 127 | 117 | 128 | 107 | 122 | Yes |
| Ellsworth Co. RWD #01 (Post Rock RWD) | 13982 | 5 | 145 | 162 | 174 | 175 | 170 | 165 | Yes |
| Elmdale | 34037 | 7S | 131 | 122 | NA | NA | 134 | 129 | Yes |
| Elwood | 24494 | 8M | 89 | 89 | 92 | 86 | 112 | 94 | Yes |
| Emmett | 4812 | 7S | 62 | 61 | 68 | 60 | 59 | 62 | Yes |
| Emporia | 4817 | 7L | 147 | 135 | 127 | 138 | 107 | 131 | Yes |
| Englewood | 4853 | 4 | 442 | 398 | 677 | 444 | 284 | 449 | Yes |
| Ensign | 4871 | 3 | 112 | 181 | 184 | 144 | 158 | 156 | Yes |
| Enterprise | 4882 | 7M | 72 | 73 | 72 | 76 | 84 | 75 | Yes |
| Erie | 4908 | 8M | 91 | 97 | 93 | 95 | 82 | 92 | Yes |
| Esbon | 4927 | 6S | 97 | 92 | 141 | 137 | 120 | 117 | Yes |

12 Public-Supply Water Use in Kansas, 2013

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|-----------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Eskridge | 26278 | 7M | 95 | 101 | 114 | 113 | 112 | 107 | Yes |
| Eudora | 4974 | 8M | 83 | 86 | 94 | 89 | 85 | 87 | Yes |
| Eureka | 4981 | 7M | 116 | 131 | 138 | 131 | 118 | 127 | Yes |
| Everest | 5007 | 8S | 110 | 156 | 78 | 92 | 76 | 102 | Yes |
| Fall River | 33228 | 7S | 66 | 49 | 64 | 57 | 59 | 59 | Yes |
| Farr Subdivision | 52054 | 2 | 70 | 67 | 66 | 64 | 57 | 65 | Yes |
| Finney Co. RWD #01 | 25245 | 2 | 109 | 114 | 155 | 133 | 106 | 123 | Yes |
| Florence | 5381 | 7S | 65 | 75 | 102 | 99 | 82 | 85 | Yes |
| Fontana | 5403 | 8S | 73 | 64 | 62 | 64 | 56 | 64 | Yes |
| Ford | 32601 | 4 | 274 | 249 | 289 | 317 | 232 | 272 | Yes |
| Formoso | 5429 | 6S | 83 | 82 | 90 | 91 | 74 | 84 | Yes |
| Fort Scott | 5443 | 8M | 138 | 128 | 125 | 147 | 132 | 134 | Yes |
| Fowler | 5489 | 3 | 159 | 163 | 172 | 179 | 163 | 167 | Yes |
| Frankfort | 5566 | 7M | 151 | 153 | 168 | 132 | 114 | 144 | Yes |
| Franklin Co. RWD #01 | 21088 | 8M | NA | NA | NA | 110 | 71 | 90 | Yes |
| Franklin Co. RWD #02 | 33669 | 8S | NA | NA | 59 | NA | 63 | 61 | Yes |
| Franklin Co. RWD #03 | 34185 | 8S | 63 | 60 | 65 | 53 | 54 | 59 | Yes |
| Franklin Co. RWD #04 | 15223 | 8M | 76 | 80 | 97 | 89 | 89 | 86 | Yes |
| Franklin Co. RWD #05 | 5568 | 8M | 65 | 66 | 62 | 71 | 60 | 65 | Yes |
| Franklin Co. RWD #06 | 5569 | 8M | 112 | 96 | 102 | 98 | 97 | 101 | Yes |
| Fredonia | 5611 | 7M | 108 | 88 | 125 | 122 | 100 | 109 | Yes |
| Frontenac | 5729 | 8M | 103 | 103 | 104 | 99 | 92 | 100 | Yes |
| Fulton | 5776 | 8S | 54 | 56 | 61 | 60 | 45 | 55 | Yes |
| Galena | 5822 | 8M | 106 | 100 | 124 | 100 | 95 | 105 | Yes |
| Galesburg | 5823 | 8S | 95 | 81 | 72 | 80 | 78 | 81 | Yes |
| Galva | 5832 | 7M | 98 | 109 | 134 | 137 | 108 | 117 | Yes |
| Garden City | 5855 | 2 | 179 | 204 | 226 | 229 | 183 | 204 | Yes |
| Garden Plain | 30142 | 7M | 78 | 94 | 115 | 84 | 87 | 92 | Yes |
| Gardner | 5862 | 8L | 94 | 96 | 104 | 105 | 87 | 97 | Yes |
| Garnett | 5890 | 8M | 83 | 90 | 89 | 91 | 84 | 87 | Yes |
| Gas | 34316 | 8M | 66 | 64 | 64 | 63 | 68 | 65 | Yes |
| Gaylord | 5932 | 6S | 106 | 97 | 115 | 171 | 122 | 122 | Yes |
| Geary Co. RWD #01 | 34329 | 7S | NA | NA | NA | 79 | 70 | 74 | Yes |
| Geary Co. RWD #02 | 37064 | 7S | 93 | 94 | 107 | 105 | 84 | 97 | Yes |
| Geary Co. RWD #04 | 22303 | 7M | 80 | 98 | 103 | 120 | 100 | 100 | Yes |
| Geneseo | 5973 | 6S | 83 | 89 | 122 | 132 | 108 | 107 | Yes |
| Geuda Springs | 6018 | 7S | 100 | 97 | 91 | 111 | 84 | 97 | Yes |
| Girard | 6127 | 8M | 104 | 105 | 115 | 120 | 109 | 111 | Yes |
| Glade | 6137 | 5 | 99 | 124 | 69 | 77 | 71 | 88 | Yes |
| Glasco | 6139 | 7S | 95 | 93 | 70 | 74 | 74 | 81 | Yes |
| Glen Elder | 6157 | 6S | 145 | 143 | 128 | 139 | 124 | 136 | Yes |
| Goddard | 6168 | 7M | 146 | 152 | 146 | 158 | 116 | 144 | Yes |

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|----------------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Goessel | 6219 | 7M | 103 | 120 | 131 | 125 | 98 | 115 | Yes |
| Goff | 6233 | 7S | 62 | 59 | 67 | 78 | 60 | 65 | Yes |
| Goodland | 6270 | 1 | 258 | 285 | 270 | 318 | 282 | 283 | Yes |
| Gorham | 6302 | 6S | 70 | 71 | 75 | 81 | 85 | 76 | Yes |
| Gove | 6332 | 3 | 167 | 193 | 165 | 215 | 177 | 183 | Yes |
| Grainfield | 6383 | 3 | 220 | 222 | 229 | 245 | 126 | 208 | Yes |
| Grandview Plaza | 6390 | 7M | 99 | 81 | 80 | 72 | 76 | 82 | Yes |
| Great Bend | 23133 | 6ML | 120 | 117 | 122 | 131 | 114 | 121 | Yes |
| Greeley | 6456 | 8S | 53 | 58 | 62 | 56 | 46 | 55 | Yes |
| Green | 6463 | 7S | 81 | 79 | 81 | 84 | 71 | 79 | Yes |
| Greenleaf | 6493 | 7S | 123 | 111 | 119 | 130 | 125 | 122 | Yes |
| Greensburg | 6496 | 5 | 242 | 259 | 309 | 362 | 269 | 288 | Yes |
| Greenwood Co. RWD #01 | 33858 | 7M | 65 | 80 | 97 | 126 | 93 | 92 | Yes |
| Greenwood Co. RWD #02 | 33859 | 7M | 100 | 107 | 119 | 104 | 98 | 106 | Yes |
| Greenwood Co. RWD #03 | 53335 | 7S | 75 | 85 | 89 | 97 | 96 | 88 | Yes |
| Grenola | 20856 | 7S | 65 | 68 | NA | 65 | 62 | 65 | Yes |
| Gridley | 6524 | 7S | 67 | 74 | 77 | 74 | 68 | 72 | Yes |
| Grinnell | 6570 | 3 | 216 | 242 | 276 | 300 | 252 | 257 | Yes |
| Gypsum | 6666 | 7S | 112 | 94 | 101 | 94 | 79 | 96 | Yes |
| Haddam | 6698 | 7S | 101 | 77 | 80 | 83 | 89 | 86 | Yes |
| Halstead | 6801 | 7M | 90 | 94 | 99 | 83 | 65 | 86 | Yes |
| Hamilton | 6807 | 7S | 91 | 73 | 71 | 69 | 64 | 74 | Yes |
| Hamilton Co. RWD #01 | 22258 | 1 | 87 | 80 | 98 | 77 | 80 | 84 | Yes |
| Hanover | 6904 | 7M | NA | NA | 98 | NA | NA | 98 | Yes |
| Hanston | 6934 | 4 | 194 | 202 | 213 | 223 | 170 | 200 | Yes |
| Hardtner | 6957 | 6S | 189 | 226 | 275 | 255 | 139 | 217 | Yes |
| Harper | 7022 | 6ML | 121 | 139 | 165 | 147 | 140 | 142 | Yes |
| Harper Co. RWD #01 | 34302 | 6S | NA | NA | NA | NA | NA | NA | No |
| Harper Co. RWD #02 | 33885 | 6S | NA | NA | NA | NA | NA | NA | No |
| Harper Co. RWD #04 | 36758 | 6S | 118 | 141 | 111 | 99 | 87 | 111 | Yes |
| Harper Co. RWD #05 | 34303 | 6S | 124 | NA | NA | NA | NA | 124 | Yes |
| Hartford | 7088 | 7M | 78 | 70 | NA | 81 | NA | 76 | Yes |
| Harvey Co. RWD #01 | 34259 | 7M | 56 | 70 | 75 | 61 | 53 | 63 | Yes |
| Harveyville | 7124 | 7S | 80 | 83 | 78 | 74 | 66 | 76 | Yes |
| Haven | 7184 | 6ML | 119 | 124 | 140 | 124 | 95 | 120 | Yes |
| Havensville | 7186 | 7S | NA | NA | NA | NA | NA | NA | No |
| Haviland | 7187 | 5 | 129 | 154 | 174 | 189 | 134 | 156 | Yes |
| Hays | 7227 | 5 | 85 | 91 | 99 | 102 | 88 | 93 | Yes |
| Hays City Suburban Estates | 7224 | 5 | 138 | 133 | 162 | 183 | 103 | 144 | Yes |
| Haysville | 7238 | 7L | 86 | 95 | 93 | 97 | 83 | 91 | Yes |
| Hazelton | 7246 | 6S | 107 | 123 | 128 | 159 | 151 | 134 | Yes |
| Herington | 7470 | 7M | 110 | 129 | 136 | 157 | 109 | 128 | Yes |

14 Public-Supply Water Use in Kansas, 2013

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|--------------------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Herndon | 7491 | 2 | 284 | 410 | 297 | 509 | 300 | 360 | Yes |
| Hesston | 7561 | 7M | 131 | 174 | 240 | 224 | 158 | 185 | Yes |
| Hiawatha | 7590 | 8M | 114 | 112 | 108 | 121 | 98 | 111 | Yes |
| Highland | 7636 | 8M | 112 | 107 | 102 | 112 | 108 | 108 | Yes |
| Hill City | 7652 | 4 | 226 | 225 | 227 | 247 | 250 | 235 | Yes |
| Hillsboro | 7699 | 7M | 118 | 105 | 114 | 131 | 113 | 116 | Yes |
| Hoisington | 7858 | 6ML | 94 | 98 | 113 | 103 | 100 | 102 | Yes |
| Holcomb | 7861 | 2 | 132 | 143 | 173 | 174 | 143 | 153 | Yes |
| Holton | 21613 | 7M | 103 | 104 | 110 | 109 | 112 | 108 | Yes |
| Holyrood | 7958 | 6S | 111 | 134 | 160 | 170 | 106 | 136 | Yes |
| Hope | 8005 | 7S | 89 | 89 | 106 | 100 | 68 | 90 | Yes |
| Horace | 8013 | 1 | 122 | 193 | 206 | 326 | 382 | 246 | Yes |
| Horton | 8041 | 8M | 75 | 87 | 77 | 89 | 86 | 83 | Yes |
| Howard | 8100 | 7M | 95 | 106 | 108 | 91 | 69 | 94 | Yes |
| Howison Heights Water District | 32822 | 7S | 125 | 143 | 135 | 117 | 93 | 123 | Yes |
| Hoxie | 8123 | 3 | 236 | 258 | 244 | 311 | 262 | 262 | Yes |
| Hoyt | 55003 | 7M | 67 | 63 | NA | 65 | NA | 65 | Yes |
| Hugoton | 8223 | 2 | 315 | 289 | 375 | 382 | 351 | 342 | Yes |
| Humboldt | 8241 | 8M | 110 | 131 | 124 | 114 | 102 | 116 | Yes |
| Hunter | 8271 | 6S | NA | NA | NA | NA | NA | NA | No |
| Hutchinson | 8330 | 6ML | 111 | 165 | 155 | 153 | 137 | 144 | Yes |
| Independence | 8379 | 7L | 138 | 136 | 168 | 144 | 125 | 142 | Yes |
| Ingalls | 8384 | 3 | NA | 260 | NA | 249 | 177 | 229 | Yes |
| Inman | 8388 | 7M | 119 | 141 | 135 | 155 | 121 | 134 | Yes |
| Iola | 8395 | 8M | 106 | 108 | 126 | 133 | 120 | 119 | Yes |
| Isabel | 8436 | 6S | 125 | 125 | 160 | 132 | 101 | 129 | Yes |
| Iuka | 33046 | 6S | 81 | 84 | 82 | 75 | 68 | 78 | Yes |
| Jackson Co. RWD #01 | 23895 | 7M | 72 | NA | 71 | 70 | 63 | 69 | Yes |
| Jackson Co. RWD #03 | 21090 | 7M | 96 | 98 | 88 | 90 | 88 | 92 | Yes |
| Jamestown | 8540 | 7S | 62 | 65 | 92 | 146 | 82 | 89 | Yes |
| Jefferson Co. RWD #01 | 8627 | 8M | 87 | 87 | 104 | 93 | 92 | 93 | Yes |
| Jefferson Co. RWD #02 | 8628 | 8M | 122 | 118 | 108 | 118 | 90 | 111 | Yes |
| Jefferson Co. RWD #03 | 8622 | 8M | 88 | 87 | 92 | 101 | 112 | 96 | Yes |
| Jefferson Co. RWD #07 | 20800 | 8M | 93 | 102 | 113 | 126 | 108 | 108 | Yes |
| Jefferson Co. RWD #08 | 20700 | 8S | 78 | 76 | 82 | 102 | 82 | 84 | Yes |
| Jefferson Co. RWD #09 | 21091 | 8S | 49 | 54 | 64 | 64 | 54 | 57 | Yes |
| Jefferson Co. RWD #10 | 20750 | 8S | 87 | NA | 126 | 148 | 107 | 117 | Yes |
| Jefferson Co. RWD #11 | 20752 | 8S | 90 | 83 | 85 | 114 | 89 | 92 | Yes |
| Jefferson Co. RWD #12 | 20541 | 8M | 72 | 80 | 72 | 86 | 89 | 80 | Yes |
| Jefferson Co. RWD #13 | 21092 | 8M | 100 | 103 | 98 | 110 | 99 | 102 | Yes |
| Jefferson co. RWD #14 | 35816 | 8S | NA | NA | NA | NA | NA | NA | No |
| Jefferson Co. RWD #15 | 21093 | 8S | 41 | 41 | 43 | 52 | 39 | 43 | Yes |

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|---------------------------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Jennings | 8647 | 3 | 158 | 171 | 232 | 321 | 342 | 245 | Yes |
| Jetmore | 8671 | 4 | 171 | 175 | 222 | 230 | 215 | 203 | Yes |
| Jewell | 8672 | 6S | 69 | 75 | 63 | 69 | 60 | 67 | Yes |
| Jewell Co. RWD #01 | 15281 | 6S | 182 | 151 | 273 | 149 | 168 | 185 | Yes |
| Johnson City | 8719 | 1 | 313 | 339 | 365 | 352 | 279 | 330 | Yes |
| Johnson Co. RWD #06C | 25243 | 8M | 63 | 83 | NA | NA | 96 | 81 | Yes |
| Johnson Co. RWD #07 | 23910 | 8M | 94 | 116 | 122 | 130 | 113 | 115 | Yes |
| Junction City | 8979 | 7L | 133 | 161 | 156 | 160 | 126 | 147 | Yes |
| Kanopolis | 9033 | 6S | 85 | 102 | 92 | 87 | 70 | 87 | Yes |
| Kanorado | 9034 | 1 | 121 | 151 | 183 | 357 | 292 | 221 | Yes |
| Kansas City Board of Public Utilities | 20297 | 8L | 171 | 165 | 172 | 180 | 158 | 169 | Yes |
| Kechi | 35516 | 7M | NA | NA | NA | 85 | NA | 85 | Yes |
| Kensington | 9265 | 6S | 110 | 115 | 113 | 159 | 131 | 126 | Yes |
| Kincaid | 55004 | 8S | 74 | NA | NA | NA | NA | 74 | Yes |
| Kingman | 9404 | 6ML | 114 | 129 | 131 | 138 | 108 | 124 | Yes |
| Kingman Co. RWD #01 | 33775 | 6S | 51 | 55 | 66 | 58 | 64 | 59 | Yes |
| Kinsley | 9417 | 5 | 121 | 118 | 126 | 127 | 123 | 123 | Yes |
| Kiowa | 9423 | 6ML | 172 | 163 | 157 | 114 | 182 | 158 | Yes |
| Kirwin | 9468 | 5 | 82 | 146 | 125 | 120 | 111 | 117 | Yes |
| Kismet | 9474 | 2 | 141 | 182 | 240 | 232 | 193 | 198 | Yes |
| Konza Valley Water District | 41962 | 7S | 65 | 73 | 67 | 78 | 86 | 74 | Yes |
| La Crosse | 10038 | 5 | 125 | 139 | 145 | 159 | 138 | 141 | Yes |
| La Cygne | 10036 | 8M | 68 | 73 | 69 | 90 | 74 | 75 | Yes |
| La Harpe | 33754 | 8M | 78 | 74 | 82 | 88 | 80 | 80 | Yes |
| Labette Co. RWD #01C | 62649 | 8S | NA | NA | 115 | 85 | 89 | 96 | Yes |
| Labette Co. RWD #03 | 55006 | 8S | 73 | 80 | 63 | 88 | 82 | 77 | Yes |
| Labette Co. RWD #06 | 23845 | 8M | NA | 63 | 63 | 45 | NA | 57 | Yes |
| Labette Co. RWD #07 | 55007 | 8M | 63 | 68 | 84 | 74 | 63 | 70 | Yes |
| Labette Co. RWD #08 | 23846 | 8M | 95 | 97 | 107 | 102 | 109 | 102 | Yes |
| Lakeside Village Improvement District | 10062 | 8S | 143 | 118 | 134 | 132 | 109 | 123 | Yes |
| Lakin | 10065 | 2 | 213 | 226 | 243 | 217 | 176 | 215 | Yes |
| Lancaster | 10103 | 8S | 60 | 56 | 53 | 56 | 53 | 56 | Yes |
| Lane | 10129 | 8S | 56 | 63 | 68 | 64 | 60 | 62 | Yes |
| Lane Co. RWD #01 | 20681 | 3 | 170 | 201 | 240 | 345 | 269 | 245 | Yes |
| Lansing (Lan-Del Water District) | 34182 | 8M | 79 | 81 | 83 | 100 | 87 | 86 | Yes |
| Larned | 10164 | 5 | 176 | 200 | 225 | 218 | 179 | 200 | Yes |
| Latham | 10220 | 7S | 64 | 64 | 67 | 70 | 70 | 67 | Yes |
| Lawrence | 10239 | 8L | 97 | 103 | 111 | 131 | 112 | 111 | Yes |
| Leavenworth | 10277 | 8L | 91 | 96 | 129 | 129 | 94 | 108 | Yes |
| Leavenworth Co. RWD #01 | 34178 | 8M | NA | NA | NA | NA | NA | NA | No |
| Leavenworth Co. RWD #01C | 15267 | 8M | 78 | 89 | 90 | 102 | 82 | 88 | Yes |

16 Public-Supply Water Use in Kansas, 2013

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|-------------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Leavenworth Co. RWD #02 | 34179 | 8M | 86 | 87 | 95 | 110 | 116 | 99 | Yes |
| Leavenworth Co. RWD #05 | 34180 | 8M | 84 | 101 | 87 | 89 | 82 | 89 | Yes |
| Leavenworth Co. RWD #06 | 33868 | 8M | 78 | 80 | 82 | 88 | 76 | 81 | Yes |
| Leavenworth Co. RWD #07 | 33869 | 8M | 61 | 65 | 64 | 79 | 71 | 68 | Yes |
| Leavenworth Co. RWD #08 | 34181 | 8M | 78 | 77 | 73 | 93 | 76 | 79 | Yes |
| Leavenworth Co. RWD #09 | 15276 | 8M | 68 | 68 | 76 | 94 | 80 | 77 | Yes |
| Leavenworth Co. RWD #10 | 34371 | 8M | NA | NA | NA | 74 | 68 | 71 | Yes |
| Lebanon | 10279 | 6S | 90 | 80 | 84 | 87 | 96 | 87 | Yes |
| Lebo | 10280 | 7M | 69 | 67 | 73 | 72 | 67 | 70 | Yes |
| Lecompton | 10287 | 8M | 61 | 71 | 66 | 59 | 55 | 62 | Yes |
| Lehigh | 10317 | 7S | 76 | 108 | 112 | 115 | 158 | 114 | Yes |
| Lenora | 10379 | 4 | 150 | 189 | 209 | 175 | 193 | 183 | Yes |
| Leon | 10381 | 7M | 97 | 110 | 121 | 141 | 114 | 117 | Yes |
| Leonardville | 10399 | 7S | 96 | 98 | 75 | 81 | 74 | 85 | Yes |
| Leoti | 10402 | 2 | 193 | 235 | 208 | 254 | 249 | 228 | Yes |
| LeRoy | 10405 | 7M | 62 | 60 | 60 | 59 | 54 | 59 | Yes |
| Lewis | 10437 | 5 | 114 | 136 | 154 | 133 | 132 | 134 | Yes |
| Liberal | 10482 | 2 | 163 | 179 | 200 | 207 | 191 | 188 | Yes |
| Liebenthal | 20452 | 5 | 66 | 63 | 78 | 79 | 72 | 72 | Yes |
| Lincoln Center | 10543 | 6ML | 142 | 136 | 114 | 113 | 96 | 120 | Yes |
| Lindsborg | 10570 | 7M | 102 | 108 | 113 | 121 | 100 | 109 | Yes |
| Linn | 10585 | 7S | 100 | 95 | 104 | 109 | 93 | 100 | Yes |
| Linn Co. RWD #01 | 33757 | 8M | 98 | 113 | 100 | 94 | 96 | 100 | Yes |
| Linn Co. RWD #02 | 34376 | 8M | 76 | 60 | 60 | 74 | 56 | 65 | Yes |
| Linn Co. RWD #03 | 33758 | 8M | 93 | 110 | 123 | 125 | 107 | 112 | Yes |
| Linwood | 10595 | 8S | 65 | 68 | 59 | 64 | 53 | 62 | Yes |
| Little River | 10607 | 6ML | 142 | 158 | 149 | 118 | 95 | 132 | Yes |
| Logan | 10655 | 5 | 134 | 167 | 174 | 197 | 144 | 163 | Yes |
| Long Island | 10681 | 5 | 172 | 193 | 202 | 212 | 182 | 192 | Yes |
| Longford | 10693 | 7S | 71 | 83 | 90 | 80 | 90 | 83 | Yes |
| Longton | 10695 | 7S | 89 | 93 | 97 | 100 | 112 | 98 | Yes |
| Lorraine | 10713 | 6S | 85 | 85 | 104 | 102 | 80 | 91 | Yes |
| Louisburg | 10734 | 8M | 102 | 91 | 97 | 115 | 101 | 101 | Yes |
| Lucas | 10790 | 6S | 80 | 86 | 87 | 96 | 90 | 88 | Yes |
| Luray | 10838 | 6S | 86 | 86 | 79 | 88 | 81 | 84 | Yes |
| Lyndon | 10859 | 7M | 75 | 72 | 74 | 77 | 85 | 77 | Yes |
| Lyon Co. RWD #01 | 15230 | 7M | 63 | 59 | 60 | 52 | 55 | 58 | Yes |
| Lyon Co. RWD #02 | 23887 | 7M | 113 | 121 | 108 | 108 | 94 | 109 | Yes |
| Lyon Co. RWD #03 | 34166 | 7S | 70 | 75 | 84 | 88 | 78 | 79 | Yes |
| Lyon Co. RWD #04 | 23888 | 7M | NA | NA | NA | NA | NA | NA | No |
| Lyon Co. RWD #05 | 34168 | 7M | 64 | 89 | 82 | 88 | 125 | 90 | Yes |
| Lyons | 10864 | 6ML | 161 | 173 | 253 | 231 | 183 | 200 | Yes |

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|-------------------------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Macksville | 10889 | 6ML | 133 | 140 | 135 | 137 | 119 | 133 | Yes |
| Madison | 10909 | 7M | 71 | 84 | 100 | 102 | 94 | 90 | Yes |
| Mahaska | 10934 | 7S | 137 | 129 | 156 | 106 | 169 | 139 | Yes |
| Maize | 22377 | 7M | 72 | 96 | 63 | 70 | 70 | 74 | Yes |
| Manchester | 10986 | 7S | 65 | NA | 97 | 69 | 62 | 73 | Yes |
| Manhattan | 10997 | 7L | 127 | 133 | 144 | 140 | 118 | 132 | Yes |
| Mankato | 10999 | 6ML | 205 | 189 | 184 | 206 | 170 | 191 | Yes |
| Manter | 11022 | 1 | 222 | 219 | 269 | 255 | 264 | 246 | Yes |
| Maple Hill | 11026 | 7M | 81 | 83 | 76 | 77 | 79 | 79 | Yes |
| Marion | 11052 | 7M | 106 | 115 | 105 | 114 | 103 | 109 | Yes |
| Marion Co. Improvement District #02 | 51710 | 7S | 41 | 40 | 39 | 44 | 37 | 40 | Yes |
| Marion Co. RWD #01 | 15231 | 7M | 77 | 82 | 86 | 116 | 101 | 92 | Yes |
| Marion Co. RWD #02 | 55008 | 7S | NA | NA | NA | NA | NA | NA | No |
| Marion Co. RWD #04 | 23219 | 7M | 68 | 76 | 81 | 85 | 109 | 84 | Yes |
| Marquette | 11075 | 7M | 108 | 116 | 129 | 137 | 102 | 118 | Yes |
| Marshall Co. RWD #01 | 15232 | 7S | 131 | 88 | 87 | 84 | NA | 98 | Yes |
| Marshall Co. RWD #03 | 15261 | 7M | 103 | 104 | 99 | 106 | 100 | 102 | Yes |
| Marysville | 11144 | 7M | 119 | 109 | 124 | 142 | 112 | 121 | Yes |
| Matfield Green | 33118 | 7S | 95 | 66 | 52 | 69 | 74 | 71 | Yes |
| Mayetta | 33072 | 7S | 51 | 64 | 63 | 65 | 60 | 61 | Yes |
| Mayfield | 34417 | 7S | NA | 69 | 65 | 62 | 57 | 63 | Yes |
| McCracken | 32339 | 5 | 77 | 82 | 67 | 80 | 66 | 74 | Yes |
| McCune | 11416 | 8S | 68 | 69 | 69 | 68 | 59 | 67 | Yes |
| McDonald | 11436 | 2 | 205 | 180 | 257 | 386 | 422 | 290 | Yes |
| McFarland | 22114 | 7S | 81 | 83 | 76 | 80 | 73 | 79 | Yes |
| McLouth | 11588 | 8M | 60 | 56 | 61 | 59 | 65 | 60 | Yes |
| McPherson | 11618 | 7L | 130 | 154 | 183 | 158 | 156 | 156 | Yes |
| McPherson Co. RWD #01 | 15233 | 7S | 103 | 110 | 123 | 123 | 148 | 121 | Yes |
| McPherson Co. RWD #02 | 34332 | 7S | 96 | 106 | 129 | 142 | NA | 118 | Yes |
| McPherson Co. RWD #03 | 34333 | 7S | 81 | 78 | 106 | 140 | 126 | 106 | Yes |
| McPherson Co. RWD #04 | 34334 | 7M | 91 | 104 | 128 | 146 | 115 | 117 | Yes |
| McPherson Co. RWD #06 | 57737 | 7S | NA | NA | NA | NA | NA | NA | No |
| Meade | 11636 | 3 | 214 | 206 | 232 | 218 | 196 | 213 | Yes |
| Medicine Lodge | 11663 | 6ML | 164 | 179 | 180 | 159 | 152 | 167 | Yes |
| Melvorn | 11736 | 7S | 78 | 77 | 99 | 85 | 104 | 89 | Yes |
| Miami Co. RWD #01 | 34426 | 8M | 75 | 73 | 72 | 84 | 71 | 75 | Yes |
| Miami Co. RWD #02 | 15252 | 8L | 95 | 98 | 96 | 100 | 86 | 95 | Yes |
| Miami Co. RWD #03 | 34427 | 8M | 64 | 67 | 73 | 73 | 70 | 69 | Yes |
| Miami Co. RWD #04 | 36767 | 8M | 65 | 79 | 82 | 79 | 71 | 75 | Yes |
| Milford | 11883 | 7M | 79 | 77 | 79 | 71 | 55 | 72 | Yes |
| Miltonvale | 12083 | 7M | 98 | 116 | 98 | 115 | 91 | 104 | Yes |
| Minneapolis | 12094 | 7M | 110 | 103 | 123 | 116 | 93 | 109 | Yes |

18 Public-Supply Water Use in Kansas, 2013

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|-------------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Minneola | 12095 | 4 | 174 | 184 | 241 | 215 | 200 | 203 | Yes |
| Mitchell Co. RWD #01 | 33959 | 6S | NA | NA | NA | NA | NA | NA | No |
| Mitchell Co. RWD #02 | 15253 | 6ML | 193 | 197 | 193 | 245 | 250 | 216 | Yes |
| Mitchell Co. RWD #03 | 33397 | 6ML | NA | NA | NA | NA | NA | NA | No |
| Moline | 12169 | 7S | 86 | 87 | NA | 88 | 76 | 84 | Yes |
| Montezuma | 12199 | 3 | 259 | 278 | 351 | 291 | 270 | 290 | Yes |
| Montgomery Co. RWD #01 | 23847 | 7S | 93 | 101 | NA | 112 | 74 | 95 | Yes |
| Montgomery Co. RWD #01C | 55339 | 7M | 72 | NA | 67 | 71 | 56 | 66 | Yes |
| Montgomery Co. RWD #02 | 23848 | 7M | 81 | 74 | 79 | 134 | 74 | 88 | Yes |
| Montgomery Co. RWD #02C | 61793 | 7M | NA | 80 | 69 | 63 | 66 | 70 | Yes |
| Montgomery Co. RWD #04 | 23850 | 7M | NA | NA | NA | NA | NA | NA | No |
| Montgomery Co. RWD #06 | 55009 | 7M | 101 | 107 | 106 | 91 | 117 | 104 | Yes |
| Montgomery Co. RWD #08 | 23852 | 7S | 80 | 70 | NA | NA | NA | 75 | Yes |
| Montgomery Co. RWD #09 | 23853 | 7S | NA | NA | NA | NA | 107 | 107 | Yes |
| Montgomery Co. RWD #12 | 34326 | 7M | 83 | 82 | 76 | 92 | 76 | 82 | Yes |
| Montgomery Co. RWD #13 | 40366 | 7S | 60 | 60 | 72 | 83 | 61 | 67 | Yes |
| Montgomery Co. RWD #14 | 56883 | 7S | 69 | 73 | 62 | 63 | 72 | 68 | Yes |
| Moran | 12278 | 8M | 84 | 83 | 89 | NA | 73 | 82 | Yes |
| Morganville | 12308 | 7S | 82 | 91 | 92 | 90 | 74 | 86 | Yes |
| Morland | 12319 | 4 | 177 | 255 | 195 | 255 | 215 | 219 | Yes |
| Morrill | 12322 | 8S | 60 | 78 | 55 | 60 | 58 | 62 | Yes |
| Morris Co. RWD #01 | 34865 | 7M | 160 | 179 | 164 | 173 | 157 | 167 | Yes |
| Morrowville | 12363 | 7S | 80 | 88 | 88 | 101 | 96 | 91 | Yes |
| Moscow | 12380 | 2 | 229 | 304 | 305 | 244 | 219 | 260 | Yes |
| Mound City | 12429 | 8M | 80 | 77 | 91 | 88 | 88 | 85 | Yes |
| Mound Valley | 12430 | 8S | 71 | 69 | 78 | 73 | 66 | 71 | Yes |
| Moundridge | 12431 | 7M | 116 | 148 | 183 | 178 | 120 | 149 | Yes |
| Mount Hope | 12432 | 7M | 108 | 122 | 144 | 142 | 128 | 129 | Yes |
| Mulberry | 12476 | 8M | 73 | 73 | 99 | 72 | 98 | 83 | Yes |
| Mullinville | 20461 | 5 | 206 | 242 | 266 | 215 | 185 | 223 | Yes |
| Mulvane | 12492 | 7M | 81 | 82 | 81 | 90 | 85 | 84 | Yes |
| Munden | 12497 | 7S | 84 | 91 | 101 | 101 | 58 | 87 | Yes |
| Muscotah | 12560 | 8S | 55 | 63 | 70 | 98 | 76 | 72 | Yes |
| Narka | 12605 | 7S | 92 | 80 | 105 | 95 | 111 | 97 | Yes |
| Natoma | 12620 | 6S | 96 | 109 | 107 | 110 | 104 | 105 | Yes |
| Nemaha Co. RWD #01 | 15234 | 7S | 105 | 117 | 151 | 150 | 170 | 139 | Yes |
| Nemaha Co. RWD #02 | 23891 | 7S | NA | 78 | 66 | 67 | NA | 70 | Yes |
| Nemaha Co. RWD #03 | 15262 | 7M | 94 | 114 | 114 | 115 | 95 | 106 | Yes |
| Nemaha Co. RWD #04 | 34423 | 7M | 138 | 119 | 137 | 130 | 136 | 132 | Yes |
| Neodesha | 12743 | 7M | 120 | 100 | 111 | 112 | 99 | 108 | Yes |
| Neosho Co. RWD #01C | 55011 | 8M | 104 | 127 | NA | NA | NA | 116 | Yes |
| Neosho Co. RWD #02 | 15254 | 8M | 71 | 72 | 79 | 70 | 68 | 72 | Yes |

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|-----------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Neosho Co. RWD #03 | 55010 | 8S | 68 | 73 | NA | 65 | NA | 69 | Yes |
| Neosho Co. RWD #04 | 39323 | 8M | 92 | 81 | 76 | 86 | 83 | 84 | Yes |
| Neosho Co. RWD #06 | 34294 | 8S | 83 | 114 | 92 | 74 | 67 | 86 | Yes |
| Neosho Co. RWD #07 | 33778 | 8M | 104 | 99 | 88 | 86 | 78 | 91 | Yes |
| Neosho Co. RWD #08 | 34393 | 8S | 102 | 100 | 93 | 89 | 68 | 90 | Yes |
| Neosho Co. RWD #09 | 33759 | 8S | 78 | 100 | 98 | 98 | 83 | 91 | Yes |
| Neosho Co. RWD #12 | 33779 | 8S | 71 | 77 | 86 | 76 | 69 | 76 | Yes |
| Ness City | 12744 | 4 | 132 | 161 | 153 | 142 | 133 | 144 | Yes |
| Netawaka | 34339 | 7S | 70 | 70 | 81 | 86 | 75 | 76 | Yes |
| New Strawn | 12765 | 7S | 89 | 81 | 79 | 77 | 87 | 83 | Yes |
| Newton | 12788 | 7L | 93 | 97 | 105 | 99 | 83 | 95 | Yes |
| Nickerson | 12853 | 6ML | 69 | 68 | 84 | 85 | 75 | 76 | Yes |
| Norcatour | 12973 | 3 | 133 | 174 | 119 | 144 | 118 | 138 | Yes |
| North Newton | 26573 | 7M | 93 | 97 | 90 | 87 | 78 | 89 | Yes |
| Norton | 13015 | 4 | 191 | 199 | 175 | 211 | 186 | 192 | Yes |
| Norton Co. RWD #01 | 15235 | 4 | 48 | 43 | 46 | 58 | 47 | 48 | Yes |
| Nortonville | 13022 | 8M | 80 | 76 | 70 | 71 | 75 | 74 | Yes |
| Norwich | 13023 | 6S | 82 | 92 | 128 | 123 | 90 | 103 | Yes |
| Oakley | 13097 | 2 | 224 | 329 | 258 | 302 | 257 | 274 | Yes |
| Oberlin | 13110 | 3 | 172 | 196 | 172 | 229 | 186 | 191 | Yes |
| Offerle | 13167 | 5 | 135 | 158 | 183 | 161 | 119 | 151 | Yes |
| Ogden | 13169 | 7M | 84 | 75 | 75 | 76 | 62 | 74 | Yes |
| Oketo | 13183 | 7S | 82 | 80 | 84 | 89 | 70 | 81 | Yes |
| Olathe | 13184 | 8L | 114 | 128 | 124 | 114 | 92 | 114 | Yes |
| Olmitz | 20925 | 6S | 99 | 103 | 151 | 134 | 100 | 117 | Yes |
| Olpe | 13210 | 7M | 73 | 76 | 91 | 87 | 72 | 80 | Yes |
| Olsburg | 34885 | 7S | 65 | 72 | 67 | 73 | 71 | 70 | Yes |
| Onaga | 13244 | 7M | 99 | 84 | 81 | 87 | 83 | 87 | Yes |
| Oneida | 13245 | 7S | 86 | 67 | 62 | 71 | 64 | 70 | Yes |
| Osage City | 13263 | 7M | 90 | 89 | 87 | 89 | 75 | 86 | Yes |
| Osage Co. RWD #02 | 15255 | 7S | 81 | 66 | 71 | 69 | 60 | 69 | Yes |
| Osage Co. RWD #03 | 15263 | 7M | 83 | 100 | 109 | 118 | 106 | 103 | Yes |
| Osage Co. RWD #04 | 15268 | 7M | 74 | 79 | 84 | 89 | 78 | 81 | Yes |
| Osage Co. RWD #05 | 15119 | 7M | 82 | 96 | 92 | 95 | 86 | 90 | Yes |
| Osage Co. RWD #06 | 40021 | 7S | 87 | 117 | 90 | 107 | 98 | 100 | Yes |
| Osage Co. RWD #07 | 33876 | 7M | 90 | 91 | 78 | 70 | 58 | 77 | Yes |
| Osage Co. RWD #08 | 55012 | 7M | NA | NA | 72 | NA | NA | 72 | Yes |
| Osawatomie | 13264 | 8M | 114 | 134 | 134 | 140 | 136 | 132 | Yes |
| Osborne | 13269 | 6ML | 136 | 124 | 144 | 191 | 141 | 147 | Yes |
| Osborne Co. RWD #01A | 15249 | 6S | 405 | 797 | 559 | 972 | 1408 | 828 | No |
| Osborne Co. RWD #02 | 25758 | 6S | 98 | 112 | 117 | 109 | 121 | 111 | Yes |
| Oskaloosa | 13276 | 8M | 75 | 74 | 80 | 86 | 79 | 78 | Yes |

20 Public-Supply Water Use in Kansas, 2013

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|--------------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Oswego | 13299 | 8M | 84 | 86 | 109 | 108 | 90 | 95 | Yes |
| Otis | 13300 | 5 | 136 | 152 | 268 | 176 | 165 | 179 | Yes |
| Ottawa | 13308 | 8L | 85 | 87 | 89 | 101 | 101 | 93 | Yes |
| Ottawa Co. RWD #01 | 15282 | 7S | 82 | 108 | 160 | 117 | 92 | 112 | Yes |
| Ottawa Co. RWD #02 | 15256 | 7M | 78 | 73 | 90 | 89 | 77 | 81 | Yes |
| Overbrook | 13323 | 7M | 77 | 66 | 66 | 65 | 54 | 66 | Yes |
| Oxford | 13353 | 7M | 78 | 84 | 108 | 94 | 74 | 88 | Yes |
| Ozawkie | 13358 | 8M | 79 | 88 | 82 | 98 | 69 | 83 | Yes |
| Palco | 13384 | 5 | 106 | 126 | 111 | 111 | 95 | 110 | Yes |
| Palmer | 13393 | 7S | 139 | 122 | 111 | 144 | 92 | 122 | Yes |
| Paola | 13415 | 8M | 97 | 100 | 94 | 105 | 90 | 97 | Yes |
| Paradise | 13419 | 6S | 80 | 88 | 92 | 78 | 88 | 85 | Yes |
| Park | 13430 | 3 | 152 | 156 | 233 | 282 | 258 | 216 | Yes |
| Park City | 13427 | 7M | 98 | 106 | 129 | 154 | 142 | 126 | Yes |
| Parker | 33098 | 8S | 50 | 53 | 58 | 138 | 57 | 71 | Yes |
| Parsons | 13488 | 8L | 113 | 123 | 144 | 146 | 134 | 132 | Yes |
| Pawnee Rock | 31008 | 6S | 85 | 64 | 102 | 91 | 110 | 90 | Yes |
| Paxico | 13551 | 7S | 70 | 70 | 70 | 72 | 68 | 70 | Yes |
| Peabody | 13561 | 7M | 93 | 94 | 88 | 101 | 138 | 103 | Yes |
| Perry | 20928 | 8M | 82 | 82 | 80 | 80 | 81 | 81 | Yes |
| Peru | 13688 | 7S | 63 | 64 | 83 | 68 | 45 | 65 | Yes |
| Phillips Co. RWD #01 | 15236 | 5 | 49 | 66 | 93 | 99 | 133 | 88 | No |
| Phillipsburg | 13808 | 5 | 121 | 114 | 139 | 168 | 141 | 137 | Yes |
| Pittsburg | 13876 | 8L | 106 | 112 | 114 | 107 | 102 | 108 | Yes |
| Plains | 19243 | 3 | 249 | 258 | 325 | 315 | 250 | 279 | Yes |
| Plainville | 13883 | 5 | 130 | 146 | 149 | 139 | 118 | 136 | Yes |
| Pleasanton | 13889 | 8M | 102 | 107 | 107 | 112 | 114 | 108 | Yes |
| Pomona | 13946 | 8M | 57 | 61 | 82 | 83 | 77 | 72 | Yes |
| Portis | 13980 | 6S | 59 | 82 | 99 | 115 | 92 | 89 | Yes |
| Pottawatomie Co. RWD #01 | 15237 | 7M | 121 | 103 | 114 | 134 | 107 | 116 | Yes |
| Pottawatomie Co. RWD #02 | 21005 | 7M | 131 | 134 | 126 | 122 | 113 | 125 | Yes |
| Pottawatomie Co. RWD #03 | 34075 | 7M | 92 | 85 | 88 | 105 | 103 | 95 | Yes |
| Pottawatomie Co. RWD #04 | 50614 | 7M | 127 | 97 | 104 | 108 | 110 | 109 | Yes |
| Potwin | 14009 | 7S | NA | NA | 70 | 62 | 61 | 64 | Yes |
| Powhattan | 33375 | 8S | NA | NA | NA | NA | NA | NA | No |
| Prairie View | 14043 | 5 | 123 | 107 | 133 | 174 | 143 | 136 | Yes |
| Pratt | 14050 | 6ML | 187 | 203 | 210 | 224 | 186 | 202 | Yes |
| Prescott | 22619 | 8S | 64 | 68 | 78 | 80 | 71 | 72 | Yes |
| Preston | 14074 | 6S | 76 | 90 | 117 | 92 | 74 | 90 | Yes |
| Pretty Prairie | 14078 | 6ML | 136 | 129 | 142 | 126 | 92 | 125 | Yes |
| Princeton | 14125 | 8S | 63 | NA | 76 | 75 | 77 | 73 | Yes |
| Protection | 14152 | 5 | 194 | 175 | 196 | 192 | 176 | 187 | Yes |

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|-----------------------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Quenemo | 14200 | 7S | NA | 51 | 59 | 54 | NA | 55 | Yes |
| Quinter | 14220 | 3 | 184 | 206 | 212 | 255 | 198 | 211 | Yes |
| Randall | 14294 | 6S | 124 | NA | 102 | 98 | 130 | 114 | Yes |
| Randolph | 14309 | 7S | 77 | 78 | 76 | 91 | 93 | 83 | Yes |
| Ransom | 14322 | 4 | 108 | 128 | 130 | 124 | 114 | 121 | Yes |
| Rantoul | 14323 | 8S | 60 | 57 | 67 | 55 | 52 | 58 | Yes |
| Raymond | 14383 | 6S | 91 | 101 | 162 | 146 | 98 | 120 | Yes |
| Reading | 14386 | 7S | NA | NA | NA | 67 | NA | 67 | Yes |
| Red Bud Lake Improvement District | 14391 | 7S | 47 | 36 | 35 | 43 | 23 | 37 | Yes |
| Reno Co. RWD #01 | 15238 | 6S | 116 | 156 | 185 | 140 | 72 | 134 | Yes |
| Reno Co. RWD #03 | 15264 | 6S | 238 | 198 | 161 | 181 | 79 | 171 | Yes |
| Reno Co. RWD #04 | 34153 | 6S | 67 | 79 | 81 | 78 | 71 | 75 | Yes |
| Reno Co. RWD #08 | 29055 | 6S | 148 | 161 | 153 | 148 | 145 | 151 | Yes |
| Reno Co. Water District #101 | 30458 | 6S | 125 | 127 | 119 | 118 | 103 | 118 | Yes |
| Republic | 14580 | 7S | 114 | 123 | 92 | 135 | 102 | 113 | Yes |
| Republic Co. RWD #01 | 15239 | 7S | 269 | 266 | 302 | 306 | 383 | 305 | Yes |
| Republic Co. RWD #02 | 15257 | 7M | 160 | 167 | 169 | 193 | 175 | 173 | Yes |
| Reserve | 14589 | 8S | 105 | 107 | 75 | 70 | 152 | 102 | Yes |
| Rexford | 14597 | 2 | 292 | 287 | 259 | 286 | 233 | 271 | Yes |
| Rice Co. RWD #01 | 40441 | 6ML | NA | 109 | 133 | 124 | 114 | 120 | Yes |
| Richmond | 14683 | 8S | 75 | 77 | 83 | 82 | 72 | 78 | Yes |
| Riley | 14753 | 7M | 96 | 102 | 84 | 87 | 77 | 89 | Yes |
| Riley Co. RWD #01 | 15240 | 7M | 105 | NA | 113 | 103 | 85 | 102 | Yes |
| Robinson | 14882 | 8S | 109 | 94 | 90 | 92 | 84 | 94 | Yes |
| Rocky Ford Water Company | 35916 | 7S | 41 | 41 | 35 | 94 | 65 | 55 | Yes |
| Rolla | 14999 | 1 | 202 | 199 | 291 | 273 | 223 | 238 | Yes |
| Rooks Co. RWD #01 | 15283 | 5 | 73 | 71 | 75 | 74 | 76 | 74 | Yes |
| Rooks Co. RWD #02 | 15258 | 5 | 68 | 72 | 100 | 87 | 71 | 80 | Yes |
| Rooks Co. RWD #03 | 15265 | 5 | 130 | 132 | 175 | 146 | 156 | 148 | Yes |
| Rose Hill | 15031 | 7M | 68 | 77 | NA | 71 | 68 | 71 | Yes |
| Roseland | 34296 | 8S | NA | 60 | NA | NA | 51 | 56 | Yes |
| Rossville | 15076 | 7M | 78 | 86 | 78 | 80 | 74 | 79 | Yes |
| Rozel | 15118 | 5 | 150 | 230 | 238 | 177 | 153 | 190 | Yes |
| Rush Center | 15286 | 5 | 135 | 140 | 155 | 139 | 109 | 136 | Yes |
| Rush Co. RWD #01 | 15241 | 5 | 169 | 198 | 276 | 283 | 168 | 219 | Yes |
| Russell | 15300 | 6ML | 151 | 166 | 146 | 149 | 101 | 143 | Yes |
| Russell Co. RWD #01 | 15242 | 6S | 116 | 152 | 120 | 111 | 98 | 119 | Yes |
| Russell Co. RWD #02 | 15259 | 6S | 154 | 135 | 182 | 207 | 164 | 168 | Yes |
| Russell Co. RWD #03 | 20482 | 6ML | 121 | 162 | 153 | 125 | 91 | 130 | Yes |
| Russell Co. RWD #04 | 15269 | 6S | 161 | 154 | 258 | 158 | 248 | 196 | Yes |
| Sabetha | 15348 | 7M | 108 | 117 | 114 | 128 | 117 | 117 | Yes |
| Salina | 15366 | 7L | 110 | 121 | 117 | 120 | 107 | 115 | Yes |

22 Public-Supply Water Use in Kansas, 2013

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|---------------------------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Saline Co. RWD #01 | 15243 | 7S | 75 | 79 | 58 | 68 | 61 | 68 | Yes |
| Saline Co. RWD #02 | 15260 | 7S | 118 | 97 | 134 | 124 | 112 | 117 | Yes |
| Saline Co. RWD #03 | 34359 | 7M | 80 | 78 | 86 | 91 | 75 | 82 | Yes |
| Saline Co. RWD #04 | 15270 | 7M | 84 | 95 | 90 | 97 | 80 | 89 | Yes |
| Saline Co. RWD #06 | 15273 | 7S | 102 | 112 | 118 | 128 | 103 | 113 | Yes |
| Saline Co. RWD #07 | 35556 | 7S | 70 | 72 | 71 | 72 | 57 | 68 | Yes |
| Saline Co. RWD #08 | 50063 | 7S | 81 | 91 | 112 | 112 | 107 | 101 | Yes |
| Satanta | 15444 | 2 | 220 | 225 | 316 | 292 | 246 | 260 | Yes |
| Sawyer | 15461 | 6S | 144 | 140 | 191 | 158 | 137 | 154 | Yes |
| Scammon | 15474 | 8S | 80 | 98 | 92 | 79 | 64 | 83 | Yes |
| Scandia | 15476 | 7S | 151 | 171 | 157 | 157 | 119 | 151 | Yes |
| Schoenchen | 61775 | 5 | NA | NA | 72 | 84 | 72 | 76 | Yes |
| Scott City | 21022 | 2 | 216 | 230 | 256 | 291 | 218 | 242 | Yes |
| Scranton | 16052 | 7M | NA | 60 | NA | 66 | 53 | 60 | Yes |
| Sedan | 16086 | 7M | 73 | 89 | 82 | 87 | 80 | 82 | Yes |
| Sedgwick | 16088 | 7M | 72 | 76 | 80 | 77 | 78 | 77 | Yes |
| Sedgwick Co. RWD #01 | 24790 | 7M | 65 | 78 | 83 | 80 | 73 | 76 | Yes |
| Sedgwick Co. RWD #02 | 23894 | 7M | NA | NA | 94 | NA | 79 | 86 | Yes |
| Sedgwick Co. RWD #03 | 24791 | 7M | 72 | 77 | 82 | 81 | 70 | 76 | Yes |
| Sedgwick Co. RWD #04 | 26327 | 7M | 79 | 80 | 115 | 85 | 94 | 91 | Yes |
| Selden | 16120 | 3 | 202 | 292 | 294 | 298 | 244 | 266 | Yes |
| Seneca | 16149 | 7M | 105 | 150 | 121 | 148 | 135 | 132 | Yes |
| Severy | 37790 | 7S | 80 | 72 | 102 | 120 | 96 | 94 | Yes |
| Sharon | 16223 | 6S | 120 | 130 | 210 | 218 | 144 | 164 | Yes |
| Sharon Springs | 16222 | 1 | 224 | 255 | 243 | 321 | 252 | 259 | Yes |
| Shawnee Co. RWD #01C | 23881 | 7M | 79 | 83 | 88 | 106 | 84 | 88 | Yes |
| Shawnee Co. RWD #02C | 31683 | 7M | 83 | 85 | 80 | 92 | 83 | 85 | Yes |
| Shawnee Co. RWD #03C | 58394 | 7M | 94 | 97 | 112 | 99 | 101 | 101 | Yes |
| Shawnee Co. RWD #04C | 58395 | 7L | 92 | 98 | 106 | 101 | 102 | 100 | Yes |
| Shawnee Co. RWD #08 | 15275 | 7M | 91 | 92 | 83 | 112 | 92 | 94 | Yes |
| Silver Lake | 16478 | 7M | 72 | 73 | 74 | 85 | 68 | 74 | Yes |
| Simmons Subdivision Sanitation System | 60582 | 7S | 42 | 74 | 103 | 70 | 59 | 70 | Yes |
| Simpson | 16521 | 6S | 140 | 94 | 108 | 98 | 111 | 110 | Yes |
| Smith Center | 16631 | 6ML | 162 | 158 | 168 | 181 | 156 | 165 | Yes |
| Smith Co. RWD #01 | 24115 | 6S | 178 | 196 | 162 | 204 | 271 | 202 | Yes |
| Soldier | 34340 | 7S | 63 | 55 | 51 | NA | 47 | 54 | Yes |
| Solomon | 16867 | 7M | 89 | 90 | 94 | 100 | 94 | 93 | Yes |
| South Haven | 16878 | 7S | 97 | 101 | 120 | 87 | 76 | 96 | Yes |
| South Hutchinson | 16879 | 6ML | 155 | 151 | 173 | 165 | 142 | 157 | Yes |
| Spearville | 16915 | 4 | 128 | 131 | 194 | 177 | 152 | 156 | Yes |
| Speed | 16919 | 5 | 129 | 87 | 109 | 118 | 91 | 107 | Yes |

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|---------------------------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Spivey | 16977 | 6S | 165 | 119 | 138 | 135 | 131 | 138 | Yes |
| Spring Hill | 20489 | 8M | 74 | 88 | 61 | 95 | 75 | 79 | Yes |
| St. Francis | 17027 | 1 | 232 | 287 | 277 | 347 | 294 | 287 | Yes |
| St. George | 17028 | 7M | 87 | 75 | 82 | 99 | 71 | 83 | Yes |
| St. John | 17029 | 6ML | 123 | 154 | 166 | 150 | 132 | 145 | Yes |
| St. Marys | 17032 | 7M | 98 | 91 | 94 | 104 | 89 | 95 | Yes |
| St. Paul | 17033 | 8M | 89 | 96 | 101 | 101 | 89 | 95 | Yes |
| Stafford | 17056 | 6ML | 114 | 121 | 151 | 155 | 100 | 128 | Yes |
| Sterling | 17250 | 6ML | 82 | 95 | 107 | 100 | 91 | 95 | Yes |
| Stockton | 17320 | 5 | 98 | 101 | 115 | 121 | 114 | 110 | Yes |
| Strong City | 17454 | 7S | 96 | 102 | 86 | 92 | 109 | 97 | Yes |
| Sublette | 17539 | 2 | 220 | 276 | 322 | 289 | 253 | 272 | Yes |
| Suburban Water Company | 24951 | 8M | 71 | 82 | 92 | 105 | 91 | 88 | Yes |
| Summerfield | 17582 | 7S | 102 | 90 | 102 | 107 | 88 | 98 | Yes |
| Sumner Co. RWD #01 | 34418 | 7S | 134 | 93 | 128 | 127 | 109 | 118 | Yes |
| Sumner Co. RWD #02 | 34419 | 7S | 131 | 103 | 124 | 107 | 85 | 110 | Yes |
| Sumner Co. RWD #03 | 34420 | 7S | 80 | 93 | 105 | 91 | 115 | 97 | Yes |
| Sumner Co. RWD #04 | 25252 | 7M | 90 | 90 | 99 | 101 | 80 | 92 | Yes |
| Sumner Co. RWD #05 | 24552 | 7M | 109 | 87 | 83 | 113 | 82 | 95 | Yes |
| Sumner Co. RWD #06 | 34318 | 7S | 86 | 95 | 96 | 115 | 94 | 97 | Yes |
| Sumner Co. RWD #07 | 53035 | 7S | NA | NA | NA | NA | NA | NA | No |
| Susank | 55014 | 6S | NA | 91 | 107 | NA | 77 | 92 | Yes |
| Sylvan Grove | 17695 | 6S | 113 | 102 | 117 | 130 | 110 | 114 | Yes |
| Sylvia | 17700 | 6S | 93 | 87 | 124 | 131 | 115 | 110 | Yes |
| Syracuse | 17702 | 1 | 349 | 379 | 397 | 428 | 371 | 385 | Yes |
| Tescott | 17827 | 7S | 96 | 95 | 81 | 86 | 77 | 87 | Yes |
| Thayer | 17839 | 8M | 122 | 107 | 118 | 126 | 94 | 113 | Yes |
| Timber Creek Water and Sewer District | 36072 | 7M | 111 | 125 | 142 | 170 | 135 | 137 | Yes |
| Timken | 18023 | 5 | 47 | 59 | 67 | 87 | 68 | 66 | Yes |
| Tipton | 18041 | 6S | 104 | 96 | 110 | 123 | 104 | 107 | Yes |
| Tonganoxie | 18085 | 8M | 80 | 82 | 73 | 83 | 78 | 79 | Yes |
| Topeka | 18096 | 7L | 120 | 129 | 131 | 138 | 116 | 127 | Yes |
| Toronto | 18107 | 7S | 87 | 89 | 99 | 85 | 89 | 90 | Yes |
| Towanda | 18112 | 7M | NA | NA | NA | NA | NA | NA | No |
| Trego Co. RWD #01 | 28343 | 4 | 67 | 116 | 132 | 143 | 149 | 121 | Yes |
| Trego Co. RWD #02 | 36275 | 4 | 114 | 129 | 163 | 206 | 200 | 162 | Yes |
| Tribune | 18175 | 1 | 288 | 314 | 292 | 356 | 276 | 305 | Yes |
| Troy | 18204 | 8M | 107 | 109 | 108 | 104 | 96 | 105 | Yes |
| Turon | 18272 | 6S | 96 | 114 | 130 | 134 | 120 | 119 | Yes |
| Udall | 18307 | 7M | 83 | 96 | 104 | 95 | 82 | 92 | Yes |
| Ulysses | 18327 | 2 | 240 | 255 | 263 | 244 | 217 | 244 | Yes |

24 Public-Supply Water Use in Kansas, 2013

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|--------------------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Uniontown | 18355 | 8S | 84 | 99 | NA | 101 | 80 | 91 | Yes |
| University Park Water District | 18363 | 7S | 45 | 46 | 44 | 53 | NA | 47 | Yes |
| Utica | 18454 | 4 | 176 | 214 | 257 | 255 | 242 | 229 | Yes |
| Valley Center | 18473 | 7M | 80 | 100 | 100 | 101 | 71 | 90 | Yes |
| Valley Falls | 18474 | 8M | 114 | 127 | 107 | 104 | 99 | 110 | Yes |
| Vermillion | 22017 | 7S | 110 | 100 | 104 | 109 | 98 | 104 | Yes |
| Victoria | 18587 | 5 | 95 | 105 | 110 | 113 | 84 | 101 | Yes |
| Viola | 18599 | 7S | 58 | 85 | 97 | 89 | 95 | 85 | Yes |
| Virgil | 21302 | 7S | 47 | 50 | 58 | 62 | 77 | 59 | Yes |
| Wabaunsee Co. RWD #01 | 15244 | 7S | 91 | 96 | 114 | 123 | 105 | 106 | Yes |
| Wabaunsee Co. RWD #02 | 33095 | 7M | 81 | 85 | 91 | 104 | 92 | 91 | Yes |
| WaKeeney | 18717 | 4 | 172 | 178 | 181 | 214 | 177 | 184 | Yes |
| Wakefield | 18718 | 7M | 100 | 125 | 120 | 105 | 91 | 108 | Yes |
| Waldo | 18732 | 6S | 79 | 62 | 60 | 119 | 75 | 79 | Yes |
| Wallace | 18794 | 1 | 203 | 250 | 319 | 332 | 235 | 268 | Yes |
| Wallace Co. RWD #01 | 15245 | 1 | 224 | 303 | 324 | 426 | 290 | 313 | Yes |
| Walnut | 33755 | 8S | NA | NA | 176 | NA | 209 | 192 | Yes |
| Walton | 55500 | 7S | NA | NA | 77 | 69 | 59 | 68 | Yes |
| Wamego | 18859 | 7M | 94 | 107 | 136 | 136 | 109 | 116 | Yes |
| Washington | 18929 | 7M | 134 | 137 | 138 | 162 | 134 | 141 | Yes |
| Washington Co. RWD #01 | 15246 | 7M | 95 | 84 | 97 | 120 | 101 | 99 | Yes |
| Washington Co. RWD #02 | 20337 | 7M | 121 | 155 | 176 | 143 | 161 | 151 | Yes |
| WaterOne–Johnson Co. | 8693 | 8L | 139 | 146 | 155 | 182 | 147 | 154 | Yes |
| Waterville | 18965 | 7M | 126 | 121 | 144 | 123 | 95 | 122 | Yes |
| Wathena | 21969 | 8M | 99 | 104 | 132 | 135 | 125 | 119 | Yes |
| Waverly | 18996 | 7M | 72 | 77 | 75 | 76 | 85 | 77 | Yes |
| Weir | 19108 | 8M | 68 | 70 | 69 | 60 | 64 | 66 | Yes |
| Wellington | 19136 | 7M | 130 | 141 | 136 | 134 | 91 | 126 | Yes |
| Wellsville | 19154 | 8M | 67 | 63 | 63 | 73 | 61 | 65 | Yes |
| West Hills Water Company | 41680 | 6S | 226 | 440 | 397 | 639 | NA | 426 | No |
| West Mineral | 19242 | 8S | 64 | 53 | 55 | 60 | 56 | 58 | Yes |
| Westmoreland | 19288 | 7M | 76 | 78 | 77 | 83 | NA | 78 | Yes |
| Wetmore | 19290 | 7S | 82 | 84 | 90 | 91 | 78 | 85 | Yes |
| White City | 19348 | 7M | 76 | 77 | 66 | 86 | 56 | 72 | Yes |
| White Cloud | 33077 | 8S | 71 | 71 | 83 | 82 | 82 | 78 | Yes |
| Whitewater | 19409 | 7M | 77 | 74 | 75 | 82 | 76 | 77 | Yes |
| Whiting | 19416 | 7S | 68 | 62 | 59 | 68 | 58 | 63 | Yes |
| Wichita | 19449 | 7L | 126 | 133 | 143 | 140 | 117 | 132 | Yes |
| Williamsburg | 19628 | 8S | 71 | 72 | 62 | 63 | 63 | 66 | Yes |
| Willis | 34204 | 8S | 118 | 131 | 96 | NA | NA | 115 | Yes |
| Wilsey | 56248 | 7S | 60 | 62 | 72 | 77 | 67 | 68 | Yes |
| Wilson | 20377 | 6ML | 106 | 110 | 109 | 112 | 94 | 106 | Yes |

Table 2. Annual and average gallons per capita per day usage for public water suppliers in Kansas, 2009–13.—Continued

[DWR, Division of Water Resources; gpcd, gallon per capita per day; Co., county; RWD, rural water district; #, number; NA, not available]

| Public water supplier | DWR public water supplier identification | Region ¹ | 2009 gpcd | 2010 gpcd | 2011 gpcd | 2012 gpcd | 2013 gpcd | 2009–13 average gpcd ² | Included in regional average |
|-----------------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------|------------------------------|
| Wilson Co. RWD #01 | 33731 | 7S | NA | 87 | 101 | 97 | 91 | 94 | Yes |
| Wilson Co. RWD #02 | 33732 | 7S | NA | 60 | 64 | 57 | 60 | 60 | Yes |
| Wilson Co. RWD #03 | 34322 | 7S | 61 | 45 | NA | 70 | NA | 59 | Yes |
| Wilson Co. RWD #04 | 34323 | 7S | 97 | NA | NA | NA | NA | 97 | Yes |
| Wilson Co. RWD #05 | 23885 | 7S | 44 | 33 | 42 | 34 | 31 | 37 | Yes |
| Wilson Co. RWD #06 | 34324 | 7S | 99 | 84 | 110 | 84 | 93 | 94 | Yes |
| Wilson Co. RWD #07 | 33735 | 7S | NA | NA | NA | NA | NA | NA | No |
| Wilson Co. RWD #08 | 51703 | 7S | NA | NA | NA | NA | NA | NA | No |
| Wilson Co. RWD #09 | 33877 | 7S | NA | NA | NA | NA | NA | NA | No |
| Wilson Co. RWD #10 | 33721 | 7M | NA | NA | NA | NA | NA | NA | No |
| Wilson Co. RWD #11 | 33715 | 7M | 78 | 73 | 60 | 50 | 46 | 61 | Yes |
| Wilson Co. RWD #12 | 34325 | 7S | 65 | 63 | 87 | 75 | 74 | 73 | Yes |
| Wilson Co. RWD #13 | 34529 | 7S | 70 | 68 | 78 | 74 | 65 | 71 | Yes |
| Winchester | 19671 | 8M | 81 | 74 | 78 | 73 | 66 | 74 | Yes |
| Windom | 38134 | 7S | 92 | 92 | 113 | NA | 86 | 96 | Yes |
| Winfield | 19679 | 7L | 124 | 143 | 152 | 150 | 124 | 139 | Yes |
| Winona | 19724 | 2 | 295 | 278 | 309 | 399 | 355 | 327 | Yes |
| Woodbine | 40930 | 7S | NA | 58 | 53 | 60 | 58 | 57 | Yes |
| Woodson Co. RWD #01 | 15247 | 7M | 66 | 60 | 64 | 58 | 54 | 60 | Yes |
| Woodston | 19886 | 5 | 250 | 157 | 92 | 129 | 64 | 138 | Yes |
| Yates Center | 19999 | 7M | 100 | 105 | 103 | 98 | 96 | 100 | Yes |
| Zenda | 20148 | 6S | 109 | 124 | 196 | 178 | 152 | 152 | Yes |

¹S, indicates small suppliers of 25 to 499 people; M, indicates medium suppliers of 500 to 9,999 people; L, indicates large suppliers of 10,000 people or more.²Based on year(s) of available data for each public water supplier.

26 Public-Supply Water Use in Kansas, 2013

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|-----------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--|
| Abbyville | 6S | 10 | 9 | 6 | 7 | 7 | 8 |
| Abilene | 7M | 15 | 18 | 11 | 4 | 4 | 10 |
| Admire | 7S | 16 | 22 | 21 | 34 | 9 | 20 |
| Agenda | 7S | NA | 4 | 4 | NA | 4 | 4 |
| Agra | 5 | 10 | 11 | 11 | 9 | 13 | 11 |
| Albert | 6S | 11 | 8 | NA | 12 | 9 | 10 |
| Alexander | 5 | 4 | 20 | 17 | 23 | 14 | 16 |
| Allen | 7S | 9 | 4 | 14 | 26 | 4 | 11 |
| Allen Co. RWD #02 | 8S | NA | NA | NA | NA | NA | NA |
| Allen Co. RWD #04 | 8S | 4 | NA | 7 | 14 | 17 | 10 |
| Allen Co. RWD #06 | 8S | NA | NA | NA | NA | NA | NA |
| Allen Co. RWD #07 | 8S | NA | NA | NA | 12 | NA | 12 |
| Allen Co. RWD #08 | 8M | 28 | 6 | 8 | 20 | 38 | 20 |
| Allen Co. RWD #10 | 8S | 27 | NA | NA | 9 | 12 | 16 |
| Allen Co. RWD #12 | 8S | NA | NA | NA | NA | NA | NA |
| Allen Co. RWD #13 | 8S | 37 | 43 | 34 | 11 | 9 | 27 |
| Allen Co. RWD #15 | 8S | NA | 6 | 4 | 13 | NA | 8 |
| Allen Co. RWD #16 | 8S | 100 | 100 | 5 | 34 | 17 | 51 |
| Alma | 7M | 5 | 5 | 14 | 8 | 8 | 8 |
| Almena | 4 | 46 | 8 | 11 | NA | 29 | 24 |
| Alta Vista | 7S | 9 | 11 | 17 | 5 | NA | 10 |
| Altamont | 8M | NA | NA | 3 | NA | 6 | 4 |
| Alton | 6S | 16 | 34 | 18 | 5 | 7 | 16 |
| Altoona | 7S | 10 | NA | 13 | NA | 11 | 11 |
| Andale | 7M | 4 | 8 | 5 | 6 | 9 | 6 |
| Anderson Co. RWD #01 | 8S | 6 | 11 | 12 | 9 | 10 | 10 |
| Anderson Co. RWD #01C | 8M | 23 | 24 | 13 | 12 | 17 | 18 |
| Anderson Co. RWD #04 | 8M | 18 | 16 | 10 | 9 | 15 | 14 |
| Anderson Co. RWD #05 | 8M | 24 | 20 | 20 | 16 | 18 | 20 |
| Anthony | 6ML | 11 | 17 | 8 | 10 | 24 | 14 |
| Arcadia | 8S | 15 | 17 | 15 | NA | 10 | 14 |
| Argonia | 7M | 4 | 5 | 4 | 8 | 12 | 7 |
| Arkansas City | 7L | 28 | 28 | 23 | 30 | 28 | 27 |
| Arlington | 6S | 4 | 6 | 7 | 6 | 6 | 6 |
| Arma | 8M | 10 | 6 | 7 | NA | 3 | 6 |
| Arnold | 4 | 100 | 100 | 100 | 100 | 100 | 100 |
| Ashland | 4 | 17 | 20 | 15 | 19 | 16 | 17 |
| Assaria | 7S | 3 | 29 | 9 | 8 | 9 | 12 |
| Atchison | 8L | 31 | 28 | 19 | 20 | 21 | 24 |
| Atchison Co. RWD #01 | 8M | 25 | NA | 16 | 6 | 5 | 13 |
| Atchison Co. RWD #03 | 8S | NA | NA | NA | NA | NA | NA |
| Atchison Co. RWD #05C | 8M | NA | NA | NA | NA | 21 | 21 |

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|---------------------------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--|
| Atchison Co. RWD #06 | 8M | NA | 16 | NA | NA | NA | 16 |
| Atlanta | 7S | 11 | 18 | 16 | 9 | NA | 14 |
| Attica | 6ML | 41 | 45 | 43 | 35 | 31 | 39 |
| Atwood | 2 | 13 | 10 | 15 | 16 | 8 | 12 |
| Augusta | 7M | 30 | 23 | 17 | 6 | 8 | 17 |
| Aurora | 7S | NA | NA | 6 | NA | 42 | 24 |
| Axtell | 7S | 7 | 6 | 3 | 4 | 9 | 6 |
| Baldwin | 8M | 21 | 22 | 19 | 18 | 16 | 19 |
| Barber Co. RWD #01 | 6S | 100 | 100 | 100 | 100 | NA | 100 |
| Barber Co. RWD #02 | 6S | NA | 32 | 6 | 24 | 19 | 20 |
| Barber Co. RWD #03 | 6S | 30 | 17 | 20 | 20 | 11 | 20 |
| Barnard | 6S | 15 | 5 | 6 | 10 | 39 | 15 |
| Barnes | 7S | 40 | 30 | 27 | 9 | 4 | 22 |
| Bartlett | 8S | NA | 10 | NA | 18 | NA | 14 |
| Barton Co. RWD #02 | 6ML | NA | NA | NA | NA | NA | NA |
| Barton Hills Water District | 6S | 6 | 6 | 10 | 6 | 3 | 6 |
| Baxter Springs | 8M | 29 | 31 | 38 | 48 | 52 | 40 |
| Bazine | 4 | 12 | 16 | 9 | 9 | 6 | 10 |
| Beattie | 7S | 25 | 13 | 19 | 18 | 25 | 20 |
| Bel Aire | 7M | NA | NA | 3 | 4 | 6 | 4 |
| Belle Plaine | 7M | 14 | 12 | NA | 14 | 10 | 12 |
| Belleville | 7M | 9 | 6 | 7 | 6 | 11 | 8 |
| Beloit | 6ML | 9 | 9 | 14 | 4 | 6 | 8 |
| Belpre | 5 | 29 | 25 | 20 | 29 | 21 | 25 |
| Belvidere | 5 | 100 | 100 | 100 | 100 | 100 | 100 |
| Belvue | 7S | 4 | 12 | 3 | NA | NA | 6 |
| Bennington | 7M | 7 | NA | 17 | 19 | 50 | 23 |
| Bentley | 7M | NA | NA | NA | NA | NA | NA |
| Benton | 7M | 8 | 10 | 30 | 5 | NA | 13 |
| Bern | 7S | 10 | 12 | 22 | 5 | NA | 12 |
| Beverly | 6S | NA | NA | NA | NA | NA | NA |
| Bird City | 1 | 41 | 25 | 42 | 35 | 26 | 34 |
| Bison | 5 | 21 | 11 | 19 | 16 | 14 | 16 |
| Blue Mound | 8S | 9 | 10 | 13 | 8 | 12 | 10 |
| Blue Rapids | 7M | 20 | 29 | 19 | 23 | NA | 23 |
| Blue River Hills Improvement District | 7S | 100 | 100 | 100 | 100 | 100 | 100 |
| Bluff City | 6S | 32 | 11 | NA | NA | NA | 22 |
| Bogue | 4 | 10 | 8 | 11 | 9 | 19 | 11 |
| Bonner Springs | 8M | 26 | 25 | 27 | 20 | 23 | 24 |
| Bourbon Co. RWD #02C | 8M | 24 | 30 | 11 | 9 | 17 | 18 |
| Bourbon Co. RWD #04 | 8M | 14 | 23 | 25 | 11 | 4 | 15 |
| Brewster | 2 | 4 | 4 | 7 | NA | 14 | 7 |

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|------------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Bronson | 8S | 11 | 13 | 7 | 9 | 11 | 10 |
| Brookville | 7S | NA | NA | NA | NA | NA | NA |
| Brown Co. RWD #01 | 8M | 18 | 29 | 31 | 21 | 23 | 24 |
| Brown Co. RWD #02 | 8M | 10 | 21 | 19 | 16 | 21 | 17 |
| Brownell | 4 | 16 | 8 | 5 | 5 | NA | 8 |
| Bucklin | 4 | 31 | 14 | 9 | 7 | 11 | 14 |
| Buffalo | 7S | 25 | 16 | 14 | 10 | 16 | 16 |
| Buhler | 6ML | NA | NA | NA | 3 | 5 | 4 |
| Bunker Hill | 6S | 9 | 10 | 6 | 5 | 5 | 7 |
| Burden | 7M | 7 | 8 | 9 | 10 | 10 | 9 |
| Burdett | 5 | 19 | 28 | 13 | 36 | 19 | 23 |
| Burlingame | 7M | NA | 6 | 3 | 6 | 7 | 6 |
| Burlington | 7M | 10 | 13 | 4 | NA | NA | 9 |
| Burns | 7S | NA | NA | NA | 6 | 8 | 7 |
| Burr Oak | 6S | 25 | 20 | 45 | 49 | 14 | 31 |
| Burrton | 7M | 8 | 9 | 31 | 26 | 9 | 17 |
| Bushton | 6S | 16 | 13 | 11 | 9 | 11 | 12 |
| Butler Co. RWD #01 | 7M | 15 | 12 | 17 | 11 | 20 | 15 |
| Butler Co. RWD #02 | 7M | 6 | 22 | 33 | 31 | 17 | 22 |
| Butler Co. RWD #03 | 7M | 15 | 22 | 23 | 13 | 20 | 19 |
| Butler Co. RWD #04 | 7M | NA | NA | NA | NA | NA | NA |
| Butler Co. RWD #05 | 7M | 11 | 8 | 8 | 6 | NA | 8 |
| Butler Co. RWD #06 | 7M | 14 | 15 | 9 | 11 | 29 | 16 |
| Butler Co. RWD #07 | 7M | 6 | 9 | 9 | 8 | 8 | 8 |
| Butler Co. RWD #08 | 7M | 6 | 14 | 16 | 9 | 15 | 12 |
| Caldwell | 7M | 21 | 27 | 20 | 21 | 15 | 21 |
| Cambridge | 7S | 18 | 5 | 12 | NA | NA | 12 |
| Caney | 7M | 22 | 29 | 30 | 32 | 40 | 31 |
| Canton | 7M | NA | 5 | 12 | 17 | 13 | 12 |
| Carbondale | 7M | 27 | 17 | 20 | 17 | 34 | 23 |
| Cassoday | 7S | 16 | 16 | 18 | 16 | 9 | 15 |
| Cawker City | 6S | NA | 10 | 10 | 7 | 8 | 9 |
| Cedar Point | 7S | 25 | 7 | 12 | 40 | NA | 21 |
| Cedar Vale | 7M | 14 | NA | 14 | 17 | 22 | 17 |
| Centralia | 7M | NA | NA | NA | NA | NA | NA |
| Chanute | 8M | 10 | 10 | 13 | 13 | 15 | 12 |
| Chapman | 7M | 15 | 6 | 7 | 3 | 6 | 7 |
| Chase | 6S | 22 | 14 | 18 | 27 | 10 | 18 |
| Chase Co. RWD #01 | 7S | 37 | NA | 45 | 23 | 34 | 35 |
| Chautauqua | 7S | NA | 12 | 11 | 8 | 7 | 10 |
| Chautauqua Co. RWD #01 | 7S | NA | NA | 7 | 10 | NA | 8 |
| Chautauqua Co. RWD #02 | 7S | 20 | 17 | 28 | 25 | 22 | 22 |

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|-------------------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Chautauqua Co. RWD #03 | 7S | NA | 25 | NA | 26 | 7 | 19 |
| Chautauqua Co. RWD #04 | 7S | NA | NA | 20 | 14 | 5 | 13 |
| Cheney | 7M | 8 | 6 | 4 | 5 | 5 | 6 |
| Cherokee | 8M | 12 | 11 | 10 | 10 | NA | 11 |
| Cherokee Co. RWD #01 | 8M | 31 | 30 | 31 | 19 | 22 | 27 |
| Cherokee Co. RWD #02 | 8M | 14 | 17 | 18 | 15 | 20 | 17 |
| Cherokee Co. RWD #03 | 8M | 40 | 49 | 43 | 42 | 45 | 44 |
| Cherokee Co. RWD #04 | 8M | 29 | 43 | 36 | 39 | 37 | 37 |
| Cherokee Co. RWD #05 | 8S | 8 | 13 | 19 | 19 | 32 | 18 |
| Cherokee Co. RWD #06 | 8S | 9 | 3 | 15 | NA | NA | 9 |
| Cherokee Co. RWD #07 | 8S | 37 | 37 | 44 | 29 | 43 | 38 |
| Cherokee Co. RWD #08 | 8M | 13 | 16 | 16 | 11 | 8 | 13 |
| Cherokee Co. RWD #09 | 8M | NA | NA | NA | NA | NA | NA |
| Cherryvale | 7M | 18 | 23 | 17 | 16 | 14 | 18 |
| Chetopa | 8M | 11 | 17 | 27 | 28 | 29 | 22 |
| Chicopee Rural Water District | 8S | 10 | 8 | 8 | 13 | 15 | 11 |
| Cimarron | 3 | 11 | 8 | 3 | 9 | 6 | 7 |
| Circleville | 7S | 23 | 11 | 17 | 9 | 14 | 15 |
| Claffin | 6ML | 20 | 22 | 21 | 19 | 18 | 20 |
| Clay Center | 7M | 6 | 6 | 8 | 7 | 12 | 8 |
| Clay Co. RWD #01 | 7S | 21 | 28 | 19 | NA | 13 | 20 |
| Clay Co. RWD #02 | 7M | 12 | 16 | 11 | 9 | 23 | 14 |
| Clayton | 4 | 5 | NA | 3 | NA | 14 | 7 |
| Clearwater | 7M | 13 | 15 | 14 | 9 | 15 | 13 |
| Clifton | 7M | 17 | 10 | 12 | 16 | 26 | 16 |
| Cloud Co. RWD #01 | 7S | 32 | 21 | 15 | NA | 19 | 22 |
| Clyde | 7M | 10 | 20 | 19 | 20 | 22 | 18 |
| Coal Hollow Water District | 8S | NA | NA | NA | NA | 8 | 8 |
| Coats | 6S | 11 | 10 | 11 | 11 | 11 | 11 |
| Coffey Co. RWD #02 | 7M | 28 | 15 | 16 | 11 | 24 | 19 |
| Coffey Co. RWD #03 | 7M | 5 | 11 | 8 | 11 | 4 | 8 |
| Coffeyville | 7L | 9 | 17 | 17 | 16 | 9 | 14 |
| Colby | 2 | 23 | 18 | 15 | 11 | 15 | 16 |
| Coldwater | 5 | 22 | 5 | 4 | 12 | NA | 11 |
| Collyer | 4 | 9 | 4 | NA | 5 | 8 | 6 |
| Colony | 8S | 4 | 5 | NA | NA | 8 | 6 |
| Columbus | 8M | 21 | 16 | 11 | 22 | 29 | 20 |
| Colwich | 7M | NA | NA | 8 | 16 | 21 | 15 |
| Comanche Co. RWD #01 | 5 | 19 | 30 | 18 | 20 | 25 | 22 |
| Comanche Co. RWD #02 | 5 | 63 | 58 | 47 | 47 | 67 | 56 |
| Concordia | 7M | 20 | 10 | 15 | 17 | 25 | 17 |
| Conway Springs | 7M | 19 | 12 | 17 | 11 | 8 | 13 |

30 Public-Supply Water Use in Kansas, 2013

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|-------------------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Coolidge | 1 | 5 | 30 | 20 | NA | 5 | 15 |
| Copeland | 3 | 58 | 59 | 57 | 8 | 14 | 39 |
| Coming | 7S | NA | NA | NA | 20 | 11 | 16 |
| Cottonwood Falls | 7M | 10 | 20 | NA | NA | 6 | 12 |
| Council Grove | 7M | 10 | 9 | 8 | 10 | 11 | 10 |
| Courtland | 7S | 8 | 7 | 9 | 3 | 11 | 8 |
| Cowley Co. RWD #01 | 7M | 6 | 6 | 8 | 13 | 9 | 8 |
| Cowley Co. RWD #02 | 7M | 7 | 6 | NA | NA | NA | 6 |
| Cowley Co. RWD #03 | 7M | 18 | 15 | 11 | 9 | 12 | 13 |
| Cowley Co. RWD #04 | 7M | 13 | 21 | 24 | 34 | 24 | 23 |
| Cowley Co. RWD #05 | 7M | 25 | 38 | 17 | 9 | 26 | 23 |
| Cowley Co. RWD #06 | 7M | 17 | 14 | 23 | 17 | 16 | 17 |
| Cowley Co. RWD #07 | 7S | 33 | 41 | 33 | 18 | 29 | 31 |
| Cowley Co. RWD #08 | 7S | NA | NA | NA | NA | 4 | 4 |
| Crawford Co. RWD #01 | 8M | 10 | 34 | 33 | NA | 10 | 22 |
| Crawford Co. RWD #01C | 8M | 21 | 20 | 19 | 3 | 9 | 14 |
| Crawford Co. RWD #02 | 8M | NA | NA | NA | 17 | NA | 17 |
| Crawford Co. RWD #03 | 8S | 14 | 9 | 6 | 8 | 9 | 9 |
| Crawford Co. RWD #04 | 8M | 24 | 21 | 23 | 21 | 23 | 22 |
| Crawford Co. RWD #05 | 8M | 43 | 49 | 24 | 4 | 12 | 26 |
| Crawford Co. RWD #06 | 8M | 23 | 22 | 17 | 14 | 23 | 20 |
| Crawford Co. RWD #07 | 8S | 5 | 5 | 7 | 4 | NA | 5 |
| Cuba | 7S | 22 | 15 | 13 | 16 | 15 | 16 |
| Cullison | 6S | 25 | 34 | 29 | 32 | 25 | 29 |
| Culver | 7S | 15 | 17 | 18 | 16 | 15 | 16 |
| Cunningham | 6S | 11 | 20 | 16 | 20 | 31 | 20 |
| Damar | 5 | NA | 15 | NA | NA | NA | 15 |
| Dearing | 7S | NA | 12 | 7 | NA | NA | 10 |
| Deerfield | 2 | 6 | 18 | 12 | 8 | 10 | 11 |
| Delia | 7S | 100 | NA | NA | NA | 100 | 100 |
| Delphos | 7S | 34 | 30 | 30 | 36 | 32 | 32 |
| Denison | 8S | 4 | NA | 4 | NA | 9 | 6 |
| Derby (El Paso Water Company) | 7L | NA | 4 | 4 | 7 | 10 | 6 |
| DeSoto | 8M | 46 | 50 | 46 | 24 | 40 | 41 |
| Dexter | 7S | 9 | 13 | 13 | 10 | 23 | 14 |
| Dickinson Co. RWD #01 | 7M | 22 | 45 | 39 | 43 | 37 | 37 |
| Dickinson Co. RWD #02 | 7M | 21 | 29 | 21 | 25 | 45 | 28 |
| Dighton | 3 | 12 | 9 | 8 | 4 | 5 | 8 |
| Dodge City | 4 | 10 | 6 | 11 | 12 | 11 | 10 |
| Doniphan Co. RWD #01 | 8S | 34 | 23 | NA | NA | NA | 28 |
| Doniphan Co. RWD #02 | 8S | 29 | 27 | 19 | 20 | 18 | 23 |
| Doniphan Co. RWD #03 | 8S | 23 | 18 | 36 | 26 | 37 | 28 |

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|--|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Doniphan Co. RWD #05 | 8M | 21 | 21 | NA | NA | NA | 21 |
| Dorrance | 6S | 13 | 8 | 8 | 14 | NA | 11 |
| Douglas Co. RWD #01 | 8M | 13 | 17 | 21 | 22 | 19 | 18 |
| Douglas Co. RWD #02 | 8M | 24 | 11 | 8 | 8 | 10 | 12 |
| Douglas Co. RWD #03 | 7M | 22 | 16 | 11 | 14 | 20 | 17 |
| Douglas Co. RWD #04 | 8M | 22 | 23 | 6 | 6 | 6 | 13 |
| Douglas Co. RWD #05 | 8M | 13 | 15 | 14 | 12 | 13 | 13 |
| Douglas Co. RWD #06 | 8M | NA | NA | 5 | 17 | 6 | 9 |
| Douglass | 7M | 11 | 13 | 12 | 8 | 13 | 11 |
| Downs | 6ML | 21 | 28 | 13 | 21 | 6 | 18 |
| Durham | 7S | 9 | 26 | 20 | 7 | 18 | 16 |
| Dwight | 7S | 13 | 13 | 7 | 3 | 3 | 8 |
| Easton | 8S | 5 | 23 | 29 | 25 | 28 | 22 |
| Edgerton | 8M | 3 | 7 | NA | NA | 3 | 4 |
| Edna | 8S | 13 | 6 | 8 | 8 | 7 | 8 |
| Effingham | 8M | NA | 12 | 6 | 5 | 10 | 8 |
| El Dorado | 7L | 3 | NA | 3 | 4 | 4 | 4 |
| Elbing | 7S | 6 | 5 | 5 | 12 | 9 | 7 |
| Elgin | 7S | 54 | 64 | 66 | 46 | 36 | 53 |
| Elk City | 7S | 19 | 7 | 15 | 11 | 14 | 13 |
| Elk Co. RWD #01 | 7M | NA | 32 | 24 | NA | 24 | 27 |
| Elk Co. RWD #02 | 7S | NA | NA | NA | NA | NA | NA |
| Elkhart | 1 | 20 | 21 | 26 | 18 | 17 | 20 |
| Ellinwood | 6ML | 4 | 4 | NA | 6 | 7 | 5 |
| Ellis | 5 | 10 | 11 | 12 | 13 | 15 | 12 |
| Ellis Co. RWD #01 | 5 | NA | NA | NA | NA | NA | NA |
| Ellis Co. RWD #03 | 5 | 100 | 100 | 100 | 3 | NA | 76 |
| Ellis Co. RWD #06 | 5 | 18 | 18 | 25 | 24 | 25 | 22 |
| Ellis Co. RWD #1C | 5 | NA | NA | NA | NA | NA | NA |
| Ellsworth | 6ML | 17 | 14 | 13 | 22 | 19 | 17 |
| Ellsworth Co. RWD #01 (Post Rock RWD) | 5 | 17 | 26 | 20 | 18 | 13 | 19 |
| Elmdale | 7S | 28 | 23 | NA | NA | 12 | 21 |
| Elwood | 8M | 11 | 8 | 12 | 11 | 7 | 10 |
| Emmett | 7S | 17 | 13 | 17 | 5 | 12 | 13 |
| Emporia | 7L | 18 | 12 | 8 | 10 | 5 | 11 |
| Englewood | 4 | 95 | 93 | 94 | 98 | 99 | 96 |
| Ensign | 3 | 4 | 3 | 6 | 6 | 8 | 5 |
| Enterprise | 7M | 13 | 18 | 17 | 21 | 35 | 21 |
| Erie | 8M | 15 | 13 | 10 | 6 | 9 | 11 |
| Esbon | 6S | 26 | 23 | 37 | 32 | 32 | 30 |
| Eskridge | 7M | 3 | 6 | 6 | 5 | 8 | 6 |

32 Public-Supply Water Use in Kansas, 2013

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|-----------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Eudora | 8M | 7 | 6 | 5 | 7 | 17 | 8 |
| Eureka | 7M | 11 | 12 | 14 | 12 | 15 | 13 |
| Everest | 8S | 25 | 46 | 10 | 18 | 12 | 22 |
| Fall River | 7S | 22 | 12 | 29 | 25 | 34 | 24 |
| Farr Subdivision | 2 | 100 | 100 | NA | 100 | 100 | 100 |
| Finney Co. RWD #01 | 2 | 5 | 5 | 6 | 5 | 3 | 5 |
| Florence | 7S | 15 | 31 | 29 | 14 | 11 | 20 |
| Fontana | 8S | 20 | 15 | 16 | 29 | 15 | 19 |
| Ford | 4 | 99 | 100 | NA | 100 | 100 | 100 |
| Formoso | 6S | 13 | 12 | 24 | 15 | 4 | 14 |
| Fort Scott | 8M | 9 | 19 | 18 | 28 | 21 | 19 |
| Fowler | 3 | 3 | 5 | 10 | 7 | 13 | 8 |
| Frankfort | 7M | 13 | 20 | 24 | 6 | 5 | 14 |
| Franklin Co. RWD #01 | 8M | NA | NA | NA | 5 | 7 | 6 |
| Franklin Co. RWD #02 | 8S | NA | NA | 5 | NA | 4 | 4 |
| Franklin Co. RWD #03 | 8S | 15 | 9 | 4 | 3 | 11 | 8 |
| Franklin Co. RWD #04 | 8M | 17 | 24 | 19 | 12 | 19 | 18 |
| Franklin Co. RWD #05 | 8M | 14 | 11 | 6 | 12 | 12 | 11 |
| Franklin Co. RWD #06 | 8M | 18 | 21 | 18 | 11 | 13 | 16 |
| Fredonia | 7M | 8 | NA | 13 | 21 | 21 | 16 |
| Frontenac | 8M | 16 | 8 | 12 | 12 | 11 | 12 |
| Fulton | 8S | 11 | 11 | 20 | 24 | 9 | 15 |
| Galena | 8M | 21 | 14 | 17 | 17 | 26 | 19 |
| Galesburg | 8S | 26 | 23 | 7 | 13 | 16 | 17 |
| Galva | 7M | 5 | 4 | 5 | 8 | 8 | 6 |
| Garden City | 2 | 3 | NA | NA | 7 | 8 | 6 |
| Garden Plain | 7M | 3 | 13 | 27 | 6 | 23 | 14 |
| Gardner | 8L | 14 | 15 | 17 | 13 | 9 | 14 |
| Garnett | 8M | 11 | 7 | 8 | 10 | 13 | 10 |
| Gas | 8M | 6 | 9 | 4 | 5 | NA | 6 |
| Gaylord | 6S | 5 | 8 | 11 | 16 | 8 | 10 |
| Geary Co. RWD #01 | 7S | NA | NA | NA | NA | NA | NA |
| Geary Co. RWD #02 | 7S | 100 | 100 | 100 | 100 | 100 | 100 |
| Geary Co. RWD #04 | 7M | 3 | 5 | 4 | 3 | 4 | 4 |
| Geneseo | 6S | 8 | 14 | 33 | 51 | 54 | 32 |
| Geuda Springs | 7S | 15 | 15 | 25 | 22 | 16 | 19 |
| Girard | 8M | 11 | 14 | 14 | 16 | 19 | 15 |
| Glade | 5 | 48 | 42 | 16 | 7 | 16 | 26 |
| Glasco | 7S | 11 | 10 | 9 | 13 | 18 | 12 |
| Glen Elder | 6S | 9 | 12 | 12 | 11 | 10 | 11 |
| Goddard | 7M | 4 | NA | 9 | NA | 12 | 8 |
| Goessel | 7M | 21 | 14 | 15 | 14 | 20 | 17 |

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|----------------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Goff | 7S | 7 | NA | NA | 16 | 10 | 11 |
| Goodland | 1 | 27 | 24 | 16 | 14 | 18 | 20 |
| Gorham | 6S | 7 | 5 | 8 | 13 | 20 | 11 |
| Gove | 3 | 26 | 10 | NA | NA | 3 | 13 |
| Grainfield | 3 | 21 | 16 | 14 | 16 | 5 | 14 |
| Grandview Plaza | 7M | 12 | 13 | 8 | 6 | 7 | 9 |
| Great Bend | 6ML | 18 | 12 | 7 | 17 | 19 | 15 |
| Greeley | 8S | 4 | 4 | 5 | 4 | 4 | 4 |
| Green | 7S | 29 | 29 | 28 | 20 | 19 | 25 |
| Greenleaf | 7S | 17 | 15 | 4 | 4 | 3 | 9 |
| Greensburg | 5 | 17 | 18 | 15 | 11 | 10 | 14 |
| Greenwood Co. RWD #01 | 7M | 20 | 32 | 40 | 51 | 33 | 35 |
| Greenwood Co. RWD #02 | 7M | 19 | 20 | 18 | 16 | 20 | 19 |
| Greenwood Co. RWD #03 | 7S | 14 | 24 | 17 | 14 | 11 | 16 |
| Grenola | 7S | 9 | 13 | NA | 9 | 12 | 11 |
| Gridley | 7S | 6 | 16 | 18 | 11 | 5 | 11 |
| Grinnell | 3 | 7 | 4 | 5 | 10 | 9 | 7 |
| Gypsum | 7S | 10 | 8 | 10 | NA | NA | 9 |
| Haddam | 7S | 31 | 23 | 23 | 32 | 32 | 28 |
| Halstead | 7M | 13 | 12 | 11 | 6 | 5 | 9 |
| Hamilton | 7S | 15 | 15 | 12 | 14 | 13 | 14 |
| Hamilton Co. RWD #01 | 1 | 4 | NA | NA | NA | NA | 4 |
| Hanover | 7M | NA | NA | 17 | NA | NA | 17 |
| Hanston | 4 | 16 | 17 | 24 | 15 | 8 | 16 |
| Hardtner | 6S | 38 | 35 | 13 | 12 | NA | 24 |
| Harper | 6ML | 11 | 9 | 12 | 4 | 12 | 10 |
| Harper Co. RWD #01 | 6S | NA | NA | NA | NA | NA | NA |
| Harper Co. RWD #02 | 6S | NA | NA | NA | NA | NA | NA |
| Harper Co. RWD #04 | 6S | 54 | 54 | 26 | 31 | 30 | 39 |
| Harper Co. RWD #05 | 6S | 16 | NA | NA | NA | NA | 16 |
| Hartford | 7M | 19 | 15 | NA | 14 | NA | 16 |
| Harvey Co. RWD #01 | 7M | 13 | 17 | 19 | 11 | 11 | 14 |
| Harveyville | 7S | 7 | 5 | 3 | 5 | 4 | 5 |
| Haven | 6ML | 24 | 23 | 23 | 20 | 21 | 22 |
| Havensville | 7S | NA | NA | NA | NA | NA | NA |
| Haviland | 5 | 13 | 14 | 6 | 7 | 3 | 9 |
| Hays | 5 | 7 | 7 | 11 | 7 | 9 | 8 |
| Hays City Suburban Estates | 5 | 100 | 100 | 100 | 100 | 100 | 100 |
| Haysville | 7L | 9 | 14 | 8 | 15 | 16 | 12 |
| Hazelton | 6S | 26 | 45 | 5 | 13 | 16 | 21 |
| Herington | 7M | 12 | 19 | 35 | 30 | 7 | 21 |
| Herndon | 2 | 40 | 49 | 28 | 47 | 13 | 35 |

34 Public-Supply Water Use in Kansas, 2013

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|--------------------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Hesston | 7M | 16 | 15 | 13 | NA | 4 | 12 |
| Hiawatha | 8M | 8 | 6 | 6 | 11 | 6 | 7 |
| Highland | 8M | 15 | 14 | 15 | 15 | 14 | 15 |
| Hill City | 4 | 27 | 24 | 19 | 15 | 25 | 22 |
| Hillsboro | 7M | 8 | NA | 9 | 6 | 5 | 7 |
| Hoisington | 6ML | 22 | 20 | 12 | 6 | 14 | 15 |
| Holcomb | 2 | 7 | 11 | 14 | 14 | 8 | 11 |
| Holton | 7M | 14 | 11 | 15 | 13 | 17 | 14 |
| Holyrood | 6S | 8 | 6 | 10 | 7 | NA | 8 |
| Hope | 7S | NA | 5 | 17 | NA | NA | 11 |
| Horace | 1 | 10 | 16 | 11 | 22 | 25 | 17 |
| Horton | 8M | 5 | 11 | 10 | 8 | 18 | 10 |
| Howard | 7M | 7 | 5 | 12 | 8 | NA | 8 |
| Howison Heights Water District | 7S | 19 | 26 | 20 | 28 | 22 | 23 |
| Hoxie | 3 | 13 | 7 | 11 | 11 | 16 | 12 |
| Hoyt | 7M | 5 | 7 | NA | 11 | NA | 8 |
| Hugoton | 2 | 6 | 8 | 6 | 6 | 8 | 7 |
| Humboldt | 8M | 17 | 24 | 20 | 14 | 13 | 18 |
| Hunter | 6S | NA | NA | NA | NA | NA | NA |
| Hutchinson | 6ML | 14 | 13 | 9 | 6 | 8 | 10 |
| Independence | 7L | 19 | 26 | 30 | 27 | 21 | 25 |
| Ingalls | 3 | NA | 100 | NA | NA | NA | 100 |
| Inman | 7M | 7 | 6 | 6 | 7 | NA | 6 |
| Iola | 8M | 21 | 18 | 20 | 7 | 24 | 18 |
| Isabel | 6S | NA | 12 | 11 | 14 | 13 | 12 |
| Iuka | 6S | 5 | 6 | NA | NA | NA | 6 |
| Jackson Co. RWD #01 | 7M | 10 | NA | 9 | 7 | 8 | 8 |
| Jackson Co. RWD #03 | 7M | 17 | 16 | 13 | 14 | 17 | 15 |
| Jamestown | 7S | 17 | 20 | 20 | 52 | 14 | 25 |
| Jefferson Co. RWD #01 | 8M | 13 | 12 | 15 | 16 | 24 | 16 |
| Jefferson Co. RWD #02 | 8M | 37 | 30 | 27 | 23 | 18 | 27 |
| Jefferson Co. RWD #03 | 8M | 26 | 28 | 33 | 33 | 45 | 33 |
| Jefferson Co. RWD #07 | 8M | 25 | 26 | 28 | 25 | 27 | 26 |
| Jefferson Co. RWD #08 | 8S | 21 | 3 | 6 | 3 | 7 | 8 |
| Jefferson Co. RWD #09 | 8S | 20 | NA | 24 | 22 | 27 | 23 |
| Jefferson Co. RWD #10 | 8S | 40 | NA | 48 | 52 | 39 | 45 |
| Jefferson Co. RWD #11 | 8S | 13 | 10 | 9 | 6 | 10 | 10 |
| Jefferson Co. RWD #12 | 8M | 13 | 5 | 12 | 19 | 23 | 14 |
| Jefferson Co. RWD #13 | 8M | 32 | 20 | 15 | 13 | 14 | 19 |
| Jefferson co. RWD #14 | 8S | NA | NA | NA | NA | NA | NA |
| Jefferson Co. RWD #15 | 8S | 4 | 4 | 12 | 30 | 16 | 13 |
| Jennings | 3 | 30 | 29 | 31 | 32 | 35 | 31 |

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|---------------------------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Jetmore | 4 | 20 | 9 | 8 | 16 | 23 | 15 |
| Jewell | 6S | 8 | 17 | 8 | 12 | 8 | 11 |
| Jewell Co. RWD #01 | 6S | 26 | 28 | 32 | 21 | 20 | 25 |
| Johnson City | 1 | 11 | 11 | 16 | 15 | 16 | 14 |
| Johnson Co. RWD #06C | 8M | 4 | 5 | NA | NA | 8 | 6 |
| Johnson Co. RWD #07 | 8M | NA | 23 | 18 | 5 | 9 | 14 |
| Junction City | 7L | 18 | 17 | 23 | 25 | 25 | 22 |
| Kanopolis | 6S | 18 | 31 | 14 | 10 | 5 | 16 |
| Kanorado | 1 | 12 | 15 | 17 | 9 | 15 | 14 |
| Kansas City Board of Public Utilities | 8L | 17 | 19 | 18 | 16 | 18 | 18 |
| Kechi | 7M | NA | NA | NA | 4 | NA | 4 |
| Kensington | 6S | 20 | 10 | 22 | 11 | 16 | 16 |
| Kincaid | 8S | 15 | NA | NA | NA | NA | 15 |
| Kingman | 6ML | 9 | 11 | 6 | 8 | 11 | 9 |
| Kingman Co. RWD #01 | 6S | 24 | 34 | 28 | 30 | 37 | 31 |
| Kinsley | 5 | 19 | 12 | 5 | 13 | 14 | 13 |
| Kiowa | 6ML | 15 | 11 | NA | NA | 20 | 15 |
| Kirwin | 5 | 17 | 43 | 14 | 22 | 30 | 25 |
| Kismet | 2 | 24 | 34 | 19 | 25 | 23 | 25 |
| Konza Valley Water District | 7S | 10 | 14 | 5 | 4 | NA | 8 |
| La Crosse | 5 | 20 | 19 | 22 | 23 | NA | 21 |
| La Cygne | 8M | NA | 3 | 4 | 11 | 10 | 7 |
| La Harpe | 8M | 12 | 9 | 7 | 18 | 20 | 13 |
| Labette Co. RWD #01C | 8S | NA | NA | 19 | 24 | 32 | 25 |
| Labette Co. RWD #03 | 8S | 17 | 14 | 16 | 16 | 9 | 14 |
| Labette Co. RWD #06 | 8M | NA | NA | NA | NA | NA | NA |
| Labette Co. RWD #07 | 8M | 14 | 13 | 19 | 7 | 7 | 12 |
| Labette Co. RWD #08 | 8M | 24 | 32 | 31 | 26 | 19 | 26 |
| Lakeside Village Improvement District | 8S | 60 | 59 | 62 | 60 | 54 | 59 |
| Lakin | 2 | 8 | 10 | 6 | 6 | 5 | 7 |
| Lancaster | 8S | NA | NA | 6 | 9 | 12 | 9 |
| Lane | 8S | 7 | 18 | 13 | 19 | 16 | 15 |
| Lane Co. RWD #01 | 3 | 14 | 14 | 13 | 16 | 15 | 14 |
| Lansing (Lan-Del Water District) | 8M | NA | 7 | 4 | 6 | 6 | 6 |
| Larned | 5 | 14 | 15 | 9 | 8 | 11 | 11 |
| Latham | 7S | 9 | 9 | 4 | 10 | 7 | 8 |
| Lawrence | 8L | 4 | NA | NA | NA | NA | 4 |
| Leavenworth | 8L | 11 | 15 | 14 | 14 | 9 | 13 |
| Leavenworth Co. RWD #01 | 8M | NA | NA | NA | NA | NA | NA |
| Leavenworth Co. RWD #01C | 8M | 9 | 17 | 15 | 10 | 9 | 12 |
| Leavenworth Co. RWD #02 | 8M | 28 | 36 | 40 | 42 | 49 | 39 |
| Leavenworth Co. RWD #05 | 8M | 12 | 26 | NA | 10 | 5 | 13 |

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|-------------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Leavenworth Co. RWD #06 | 8M | 13 | 12 | 24 | 22 | 15 | 17 |
| Leavenworth Co. RWD #07 | 8M | 10 | 4 | 6 | 10 | 13 | 9 |
| Leavenworth Co. RWD #08 | 8M | 17 | 7 | 15 | 17 | 12 | 14 |
| Leavenworth Co. RWD #09 | 8M | 10 | 15 | 18 | 19 | 17 | 16 |
| Leavenworth Co. RWD #10 | 8M | NA | NA | NA | 14 | 18 | 16 |
| Lebanon | 6S | 16 | 11 | 12 | 7 | 8 | 11 |
| Lebo | 7M | 4 | 5 | 7 | 5 | NA | 5 |
| Lecompton | 8M | 11 | 21 | 15 | 11 | 11 | 14 |
| Lehigh | 7S | 18 | 100 | 100 | 18 | 52 | 58 |
| Lenora | 4 | 34 | 35 | 37 | 15 | 19 | 28 |
| Leon | 7M | 30 | 25 | 27 | 44 | 33 | 32 |
| Leonardville | 7S | 11 | 7 | 5 | 8 | 12 | 9 |
| Leoti | 2 | NA | 5 | 6 | 7 | 8 | 6 |
| LeRoy | 7M | 7 | 9 | NA | 11 | 9 | 9 |
| Lewis | 5 | 7 | 3 | 7 | 7 | 9 | 7 |
| Liberal | 2 | 8 | 9 | 9 | 10 | 9 | 9 |
| Liebenthal | 5 | 11 | 12 | 15 | 15 | 13 | 13 |
| Lincoln Center | 6ML | 30 | 18 | 18 | 12 | 7 | 17 |
| Lindsborg | 7M | 13 | 13 | 10 | 10 | 9 | 11 |
| Linn | 7S | 5 | 7 | 5 | 6 | 3 | 5 |
| Linn Co. RWD #01 | 8M | 25 | 26 | 17 | 8 | 17 | 19 |
| Linn Co. RWD #02 | 8M | 34 | 22 | 18 | 22 | 22 | 24 |
| Linn Co. RWD #03 | 8M | 31 | 39 | 29 | 29 | 37 | 33 |
| Linwood | 8S | 20 | 19 | 27 | 24 | 22 | 22 |
| Little River | 6ML | 15 | 18 | 8 | NA | NA | 14 |
| Logan | 5 | 30 | 23 | 13 | 14 | 9 | 18 |
| Long Island | 5 | 95 | NA | 44 | 22 | 7 | 42 |
| Longford | 7S | NA | 3 | NA | 6 | 12 | 7 |
| Longton | 7S | 29 | 27 | 31 | 36 | 39 | 32 |
| Lorraine | 6S | 3 | 5 | 14 | 18 | 19 | 12 |
| Louisburg | 8M | 9 | 6 | 20 | 23 | 26 | 17 |
| Lucas | 6S | 10 | NA | NA | NA | 11 | 10 |
| Luray | 6S | 11 | NA | 11 | 8 | 7 | 9 |
| Lyndon | 7M | 17 | 12 | 13 | 13 | 29 | 17 |
| Lyon Co. RWD #01 | 7M | NA | NA | NA | NA | NA | NA |
| Lyon Co. RWD #02 | 7M | 18 | 7 | 4 | 6 | 3 | 8 |
| Lyon Co. RWD #03 | 7S | 12 | 14 | 10 | 9 | 14 | 12 |
| Lyon Co. RWD #04 | 7M | NA | NA | NA | NA | NA | NA |
| Lyon Co. RWD #05 | 7M | 4 | 13 | 9 | 4 | 13 | 9 |
| Lyons | 6ML | 16 | 13 | 23 | 23 | 27 | 20 |
| Macksville | 6ML | 18 | 16 | 13 | 8 | 13 | 14 |
| Madison | 7M | 11 | 16 | 8 | 10 | 12 | 11 |

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|-------------------------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--|
| Mahaska | 7S | 5 | NA | 10 | NA | NA | 8 |
| Maize | 7M | 5 | 28 | 6 | 7 | 7 | 11 |
| Manchester | 7S | 31 | NA | 22 | 9 | 8 | 18 |
| Manhattan | 7L | 13 | 13 | 14 | NA | 6 | 12 |
| Mankato | 6ML | 31 | 25 | 13 | 24 | 24 | 23 |
| Manter | 1 | 19 | 21 | 12 | 19 | 20 | 18 |
| Maple Hill | 7M | 8 | 9 | 7 | 10 | 19 | 11 |
| Marion | 7M | 9 | 4 | 4 | 13 | 17 | 9 |
| Marion Co. Improvement District #02 | 7S | 4 | 4 | 3 | 3 | 7 | 4 |
| Marion Co. RWD #01 | 7M | 17 | 17 | 16 | 21 | NA | 18 |
| Marion Co. RWD #02 | 7S | NA | NA | NA | NA | NA | NA |
| Marion Co. RWD #04 | 7M | 10 | 8 | 14 | 5 | 14 | 10 |
| Marquette | 7M | 7 | 10 | 11 | 7 | 12 | 9 |
| Marshall Co. RWD #01 | 7S | 13 | 6 | 8 | 9 | NA | 9 |
| Marshall Co. RWD #03 | 7M | 14 | 17 | 13 | 7 | 10 | 12 |
| Marysville | 7M | 15 | 19 | 25 | 25 | 26 | 22 |
| Matfield Green | 7S | 50 | 27 | 16 | 13 | 5 | 22 |
| Mayetta | 7S | 10 | 5 | 6 | 3 | 4 | 6 |
| Mayfield | 7S | NA | NA | NA | NA | 11 | 11 |
| McCracken | 5 | NA | 3 | 3 | 3 | NA | 3 |
| McCune | 8S | 20 | 99 | NA | NA | 5 | 41 |
| McDonald | 2 | 40 | 18 | 35 | 30 | 38 | 32 |
| McFarland | 7S | 23 | 25 | 20 | 19 | 6 | 19 |
| McLouth | 8M | 14 | 12 | 10 | 13 | 16 | 13 |
| McPherson | 7L | 7 | 6 | 5 | 7 | NA | 6 |
| McPherson Co. RWD #01 | 7S | NA | NA | 6 | 5 | 24 | 12 |
| McPherson Co. RWD #02 | 7S | 3 | 4 | 4 | 8 | NA | 5 |
| McPherson Co. RWD #03 | 7S | 100 | NA | 100 | 3 | NA | 68 |
| McPherson Co. RWD #04 | 7M | 7 | 11 | 14 | 18 | 12 | 12 |
| McPherson Co. RWD #06 | 7S | NA | NA | NA | NA | NA | NA |
| Meade | 3 | 20 | 22 | 9 | 13 | 15 | 16 |
| Medicine Lodge | 6ML | 15 | 15 | 18 | 10 | 28 | 17 |
| Melvern | 7S | 20 | 16 | 22 | 13 | 31 | 20 |
| Miami Co. RWD #01 | 8M | 15 | 17 | 16 | 11 | 11 | 14 |
| Miami Co. RWD #02 | 8L | 9 | 4 | NA | 12 | 14 | 10 |
| Miami Co. RWD #03 | 8M | 6 | 13 | 9 | NA | 18 | 12 |
| Miami Co. RWD #04 | 8M | 12 | 12 | 11 | NA | 6 | 10 |
| Milford | 7M | 5 | 8 | 4 | 5 | 5 | 5 |
| Miltonvale | 7M | 18 | 14 | 16 | 8 | 16 | 14 |
| Minneapolis | 7M | 11 | 9 | 18 | NA | 10 | 12 |
| Minneola | 4 | 17 | 15 | 14 | 10 | 11 | 13 |
| Mitchell Co. RWD #01 | 6S | NA | NA | NA | NA | NA | 100 |

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|-------------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Mitchell Co. RWD #02 | 6ML | 13 | 13 | 13 | 16 | 17 | 14 |
| Mitchell Co. RWD #03 | 6ML | NA | NA | NA | NA | NA | NA |
| Moline | 7S | 8 | 10 | NA | 18 | 27 | 16 |
| Montezuma | 3 | 13 | 13 | 12 | 5 | 5 | 10 |
| Montgomery Co. RWD #01 | 7S | NA | NA | NA | NA | 6 | 6 |
| Montgomery Co. RWD #01C | 7M | 13 | NA | 19 | 20 | 24 | 19 |
| Montgomery Co. RWD #02 | 7M | 5 | 4 | 6 | 71 | 7 | 19 |
| Montgomery Co. RWD #02C | 7M | NA | 12 | 19 | 3 | 13 | 12 |
| Montgomery Co. RWD #04 | 7M | NA | NA | NA | NA | NA | NA |
| Montgomery Co. RWD #06 | 7M | 25 | 27 | 27 | 21 | 33 | 27 |
| Montgomery Co. RWD #08 | 7S | 26 | 18 | NA | NA | NA | 22 |
| Montgomery Co. RWD #09 | 7S | NA | NA | NA | NA | NA | NA |
| Montgomery Co. RWD #12 | 7M | 28 | 14 | 6 | 30 | 25 | 21 |
| Montgomery Co. RWD #13 | 7S | 13 | 14 | 21 | 22 | 26 | 19 |
| Montgomery Co. RWD #14 | 7S | 20 | 10 | 7 | 9 | 18 | 13 |
| Moran | 8M | 5 | 7 | 11 | NA | 10 | 8 |
| Morganville | 7S | NA | NA | NA | NA | NA | NA |
| Morland | 4 | 9 | 8 | 8 | 5 | 3 | 7 |
| Morrill | 8S | 4 | 14 | NA | 3 | NA | 7 |
| Morris Co. RWD #01 | 7M | 5 | 16 | 12 | 14 | 12 | 12 |
| Morrowville | 7S | 11 | 15 | 12 | 4 | 15 | 11 |
| Moscow | 2 | 19 | 23 | 26 | 8 | 24 | 20 |
| Mound City | 8M | NA | NA | 9 | 12 | 8 | 10 |
| Mound Valley | 8S | 3 | NA | 5 | 8 | 10 | 6 |
| Moundridge | 7M | NA | 6 | NA | NA | NA | 6 |
| Mount Hope | 7M | 12 | 24 | 9 | 11 | 12 | 14 |
| Mulberry | 8M | 23 | 21 | 34 | 18 | 47 | 29 |
| Mullinville | 5 | 16 | 24 | 15 | 14 | 17 | 17 |
| Mulvane | 7M | 10 | 9 | 9 | 6 | 8 | 8 |
| Munden | 7S | 10 | 12 | 31 | 28 | 22 | 21 |
| Muscotah | 8S | 10 | NA | 9 | 27 | 9 | 14 |
| Narka | 7S | 28 | 27 | 43 | 7 | 40 | 29 |
| Natoma | 6S | 19 | 15 | 25 | 23 | 27 | 22 |
| Nemaha Co. RWD #01 | 7S | 7 | 7 | 8 | 8 | 13 | 9 |
| Nemaha Co. RWD #02 | 7S | NA | 3 | 3 | NA | NA | 3 |
| Nemaha Co. RWD #03 | 7M | 6 | 10 | 8 | 8 | 4 | 7 |
| Nemaha Co. RWD #04 | 7M | 22 | 6 | 13 | NA | 15 | 14 |
| Neodesha | 7M | 11 | NA | NA | NA | 23 | 17 |
| Neosho Co. RWD #01C | 8M | 28 | 40 | NA | NA | NA | 34 |
| Neosho Co. RWD #02 | 8M | 18 | 25 | 22 | 21 | 26 | 22 |
| Neosho Co. RWD #03 | 8S | 11 | 9 | NA | 7 | NA | 9 |
| Neosho Co. RWD #04 | 8M | 30 | 21 | 12 | 19 | 18 | 20 |

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|-----------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Neosho Co. RWD #06 | 8S | 20 | 41 | 16 | NA | 5 | 20 |
| Neosho Co. RWD #07 | 8M | 33 | 23 | 9 | 12 | 13 | 18 |
| Neosho Co. RWD #08 | 8S | 7 | 7 | 7 | 15 | 16 | 10 |
| Neosho Co. RWD #09 | 8S | 21 | 33 | 34 | 33 | 21 | 28 |
| Neosho Co. RWD #12 | 8S | 7 | 12 | 16 | 8 | 13 | 11 |
| Ness City | 4 | 4 | 12 | 6 | NA | NA | 7 |
| Netawaka | 7S | 23 | 8 | 11 | 18 | 20 | 16 |
| New Strawn | 7S | 9 | 11 | 12 | 7 | 15 | 11 |
| Newton | 7L | 12 | 14 | 14 | 13 | 14 | 13 |
| Nickerson | 6ML | 31 | 25 | 32 | 20 | 19 | 25 |
| Norcatour | 3 | 6 | 24 | 8 | 8 | NA | 12 |
| North Newton | 7M | 15 | 8 | NA | NA | 3 | 9 |
| Norton | 4 | 19 | 16 | 18 | 17 | 16 | 17 |
| Norton Co. RWD #01 | 4 | 11 | 9 | 11 | 18 | 4 | 11 |
| Nortonville | 8M | 7 | 5 | 9 | 5 | 6 | 6 |
| Norwich | 6S | 12 | 10 | 7 | 5 | 11 | 9 |
| Oakley | 2 | 16 | 36 | 21 | 15 | 21 | 22 |
| Oberlin | 3 | 10 | 5 | 8 | 3 | 9 | 7 |
| Offerle | 5 | 14 | 19 | 17 | 19 | 13 | 16 |
| Ogden | 7M | 7 | 3 | 4 | 4 | 5 | 5 |
| Oketo | 7S | NA | NA | NA | NA | NA | NA |
| Olathe | 8L | 15 | 17 | 15 | 20 | 18 | 17 |
| Olmitz | 6S | 15 | 20 | 36 | 16 | 20 | 21 |
| Olpe | 7M | NA | 3 | 8 | 3 | 6 | 5 |
| Olsburg | 7S | NA | 7 | NA | NA | 9 | 8 |
| Onaga | 7M | 8 | 5 | 13 | 4 | 4 | 7 |
| Oneida | 7S | 13 | 7 | 8 | 14 | 15 | 11 |
| Osage City | 7M | 11 | 11 | 7 | 10 | 7 | 9 |
| Osage Co. RWD #02 | 7S | 15 | 10 | 18 | 13 | 11 | 13 |
| Osage Co. RWD #03 | 7M | 7 | 6 | 5 | 8 | 10 | 7 |
| Osage Co. RWD #04 | 7M | 17 | 16 | 17 | 14 | 18 | 16 |
| Osage Co. RWD #05 | 7M | 18 | 19 | 22 | 16 | 20 | 19 |
| Osage Co. RWD #06 | 7S | 29 | 46 | 34 | 13 | 21 | 29 |
| Osage Co. RWD #07 | 7M | 26 | 30 | 21 | 12 | 10 | 20 |
| Osage Co. RWD #08 | 7M | NA | NA | 10 | NA | NA | 10 |
| Osawatomie | 8M | 9 | 6 | 7 | 5 | 12 | 8 |
| Osborne | 6ML | 14 | 13 | 12 | 12 | 6 | 11 |
| Osborne Co. RWD #01A | 6S | 54 | 48 | 45 | 45 | 57 | 50 |
| Osborne Co. RWD #02 | 6S | 11 | 8 | 16 | 7 | 8 | 10 |
| Oskaloosa | 8M | 10 | 3 | 10 | 11 | 5 | 7 |
| Oswego | 8M | NA | 4 | 15 | 15 | 6 | 10 |
| Otis | 5 | 7 | 8 | 16 | 9 | 9 | 10 |

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Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|--------------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Ottawa | 8L | 17 | 17 | 11 | 17 | 15 | 15 |
| Ottawa Co. RWD #01 | 7S | NA | 46 | 46 | 20 | 26 | 34 |
| Ottawa Co. RWD #02 | 7M | 14 | 7 | 10 | 8 | 11 | 10 |
| Overbrook | 7M | 15 | 3 | 3 | 10 | NA | 8 |
| Oxford | 7M | 3 | 15 | 18 | NA | NA | 12 |
| Ozawkie | 8M | 12 | 18 | 14 | 20 | 14 | 16 |
| Palco | 5 | 13 | 18 | 11 | NA | 6 | 12 |
| Palmer | 7S | 12 | 12 | 4 | 5 | 6 | 8 |
| Paola | 8M | 14 | 15 | 13 | 14 | 15 | 14 |
| Paradise | 6S | 18 | 17 | 15 | 19 | 38 | 21 |
| Park | 3 | 25 | 32 | 28 | 46 | 31 | 32 |
| Park City | 7M | 7 | 6 | 3 | 3 | 4 | 5 |
| Parker | 8S | 12 | 8 | 11 | 7 | 8 | 9 |
| Parsons | 8L | 3 | 10 | 15 | 10 | 10 | 10 |
| Pawnee Rock | 6S | 14 | 10 | NA | 3 | 30 | 14 |
| Paxico | 7S | NA | NA | NA | NA | 4 | 4 |
| Peabody | 7M | 17 | 26 | NA | NA | 16 | 20 |
| Perry | 8M | 10 | 7 | 15 | 10 | 20 | 12 |
| Peru | 7S | 5 | 8 | 23 | 15 | 17 | 14 |
| Phillips Co. RWD #01 | 5 | 13 | 14 | 26 | 14 | 20 | 17 |
| Phillipsburg | 5 | 8 | 11 | 5 | 8 | 7 | 8 |
| Pittsburg | 8L | 15 | 15 | 22 | 21 | 21 | 19 |
| Plains | 3 | 15 | 18 | 18 | 18 | 14 | 17 |
| Plainville | 5 | 17 | 18 | 15 | 12 | 14 | 15 |
| Pleasanton | 8M | 14 | 17 | 16 | 14 | 13 | 15 |
| Pomona | 8M | 3 | 5 | 4 | 4 | 9 | 5 |
| Portis | 6S | 16 | 26 | 29 | 31 | 19 | 24 |
| Pottawatomie Co. RWD #01 | 7M | NA | 18 | 14 | 19 | 17 | 17 |
| Pottawatomie Co. RWD #02 | 7M | 35 | 32 | 30 | 17 | 24 | 28 |
| Pottawatomie Co. RWD #03 | 7M | 15 | 14 | 17 | 17 | 18 | 16 |
| Pottawatomie Co. RWD #04 | 7M | 12 | 4 | 5 | 6 | 8 | 7 |
| Potwin | 7S | NA | NA | 5 | NA | NA | 5 |
| Powhattan | 8S | NA | NA | NA | NA | NA | NA |
| Prairie View | 5 | 28 | 18 | 17 | 8 | 7 | 16 |
| Pratt | 6ML | 10 | 15 | 11 | 14 | 22 | 14 |
| Prescott | 8S | 10 | NA | 7 | 14 | 8 | 10 |
| Preston | 6S | 8 | 39 | 27 | 11 | 18 | 21 |
| Pretty Prairie | 6ML | 10 | 13 | 15 | 9 | 8 | 11 |
| Princeton | 8S | 11 | NA | 17 | 12 | 9 | 12 |
| Protection | 5 | 26 | 9 | 6 | 7 | 9 | 11 |
| Quenemo | 7S | NA | 12 | 5 | 4 | NA | 7 |
| Quinter | 3 | 15 | 9 | 7 | 9 | 5 | 9 |

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|-----------------------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Randall | 6S | 11 | NA | 10 | 5 | 6 | 8 |
| Randolph | 7S | 15 | 8 | 10 | 16 | 28 | 15 |
| Ransom | 4 | 5 | 5 | 19 | 13 | 19 | 12 |
| Rantoul | 8S | 6 | 5 | 8 | 10 | 9 | 8 |
| Raymond | 6S | 5 | NA | 9 | 11 | 4 | 7 |
| Reading | 7S | NA | NA | NA | 5 | NA | 5 |
| Red Bud Lake Improvement District | 7S | 5 | 5 | 5 | NA | NA | 5 |
| Reno Co. RWD #01 | 6S | 5 | NA | 3 | NA | NA | 4 |
| Reno Co. RWD #03 | 6S | 22 | 27 | 16 | 24 | 23 | 22 |
| Reno Co. RWD #04 | 6S | NA | 3 | 12 | NA | 13 | 9 |
| Reno Co. RWD #08 | 6S | 25 | 11 | 10 | 12 | 16 | 15 |
| Reno Co. Water District #101 | 6S | 13 | 13 | 5 | 5 | 4 | 8 |
| Republic | 7S | 23 | 21 | NA | 22 | 20 | 22 |
| Republic Co. RWD #01 | 7S | 39 | 38 | 40 | 39 | 45 | 40 |
| Republic Co. RWD #02 | 7M | 30 | 29 | 23 | 27 | 28 | 27 |
| Reserve | 8S | 50 | 36 | 33 | 23 | 64 | 41 |
| Rexford | 2 | 9 | 9 | 10 | 8 | 10 | 9 |
| Rice Co. RWD #01 | 6ML | NA | 9 | 10 | 4 | 10 | 8 |
| Richmond | 8S | 13 | 14 | 22 | 19 | 18 | 17 |
| Riley | 7M | 28 | 28 | 8 | 8 | 14 | 17 |
| Riley Co. RWD #01 | 7M | NA | NA | 10 | NA | 5 | 8 |
| Robinson | 8S | 26 | 17 | 24 | 23 | 22 | 22 |
| Rocky Ford Water Company | 7S | 100 | 100 | 100 | 100 | 100 | 100 |
| Rolla | 1 | 6 | 9 | 11 | 9 | 22 | 11 |
| Rooks Co. RWD #01 | 5 | NA | NA | NA | NA | NA | NA |
| Rooks Co. RWD #02 | 5 | 13 | 10 | 30 | 33 | 21 | 21 |
| Rooks Co. RWD #03 | 5 | 17 | 18 | 20 | 14 | 17 | 17 |
| Rose Hill | 7M | NA | 5 | NA | NA | NA | 5 |
| Roseland | 8S | NA | NA | NA | NA | 23 | 23 |
| Rossville | 7M | 8 | 6 | 4 | 3 | 3 | 5 |
| Rozel | 5 | 7 | 27 | 12 | 7 | 7 | 12 |
| Rush Center | 5 | 12 | 10 | 13 | NA | NA | 12 |
| Rush Co. RWD #01 | 5 | 16 | 15 | 11 | 12 | 12 | 13 |
| Russell | 6ML | 24 | 27 | 23 | 27 | 17 | 24 |
| Russell Co. RWD #01 | 6S | 19 | 15 | 22 | 16 | 22 | 19 |
| Russell Co. RWD #02 | 6S | 100 | 100 | 100 | 100 | 100 | 100 |
| Russell Co. RWD #03 | 6ML | 19 | 25 | 25 | 16 | 18 | 21 |
| Russell Co. RWD #04 | 6S | 4 | 19 | 48 | 7 | 38 | 23 |
| Sabetha | 7M | 6 | 8 | 5 | 9 | 9 | 7 |
| Salina | 7L | 11 | 14 | 9 | 9 | 14 | 11 |
| Saline Co. RWD #01 | 7S | 8 | NA | NA | NA | NA | 8 |
| Saline Co. RWD #02 | 7S | 27 | 9 | 22 | 11 | NA | 17 |

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Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|---------------------------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Saline Co. RWD #03 | 7M | 5 | 14 | 13 | 9 | 6 | 9 |
| Saline Co. RWD #04 | 7M | 8 | 20 | 15 | 17 | 20 | 16 |
| Saline Co. RWD #06 | 7S | 13 | 14 | 22 | 23 | 27 | 20 |
| Saline Co. RWD #07 | 7S | 18 | 17 | 9 | 7 | 4 | 11 |
| Saline Co. RWD #08 | 7S | 17 | 11 | 19 | 6 | 25 | 16 |
| Satanta | 2 | 10 | 8 | 5 | 3 | 4 | 6 |
| Sawyer | 6S | 8 | 6 | 5 | 5 | 4 | 6 |
| Scammon | 8S | 24 | 23 | 17 | 15 | 4 | 17 |
| Scandia | 7S | 11 | 16 | 6 | 4 | NA | 9 |
| Schoenchen | 5 | NA | NA | 3 | 16 | 19 | 13 |
| Scott City | 2 | 7 | 3 | 4 | 4 | 10 | 6 |
| Scranton | 7M | NA | 12 | NA | 14 | 13 | 13 |
| Sedan | 7M | 15 | 4 | 9 | NA | 15 | 11 |
| Sedgwick | 7M | 3 | 9 | NA | NA | 6 | 6 |
| Sedgwick Co. RWD #01 | 7M | 6 | 12 | 5 | 5 | 8 | 7 |
| Sedgwick Co. RWD #02 | 7M | NA | NA | NA | NA | 9 | 9 |
| Sedgwick Co. RWD #03 | 7M | NA | NA | 3 | NA | 3 | 3 |
| Sedgwick Co. RWD #04 | 7M | 22 | 4 | 33 | 5 | 13 | 15 |
| Selden | 3 | 28 | 27 | 27 | 12 | 10 | 21 |
| Seneca | 7M | 3 | 4 | 5 | NA | NA | 4 |
| Severy | 7S | 21 | 30 | 15 | 16 | 25 | 21 |
| Sharon | 6S | 15 | 16 | 14 | 12 | 15 | 14 |
| Sharon Springs | 1 | 10 | 11 | 13 | 10 | 11 | 11 |
| Shawnee Co. RWD #01C | 7M | 6 | 6 | 4 | 10 | 8 | 7 |
| Shawnee Co. RWD #02C | 7M | 17 | 19 | 9 | 5 | 9 | 12 |
| Shawnee Co. RWD #03C | 7M | NA | 3 | 3 | NA | 3 | 3 |
| Shawnee Co. RWD #04C | 7L | 14 | 12 | 4 | 6 | 5 | 8 |
| Shawnee Co. RWD #08 | 7M | 18 | 13 | 10 | 14 | 15 | 14 |
| Silver Lake | 7M | 10 | 4 | 7 | 9 | 6 | 7 |
| Simmons Subdivision Sanitation System | 7S | 21 | 93 | 15 | 9 | NA | 34 |
| Simpson | 6S | 52 | 31 | 28 | 19 | 33 | 33 |
| Smith Center | 6ML | 31 | 26 | 33 | 27 | 34 | 30 |
| Smith Co. RWD #01 | 6S | 12 | 14 | 10 | 14 | 13 | 13 |
| Soldier | 7S | NA | 7 | 20 | NA | 3 | 10 |
| Solomon | 7M | 4 | NA | 5 | 8 | 13 | 8 |
| South Haven | 7S | 6 | 17 | 11 | 3 | 5 | 8 |
| South Hutchinson | 6ML | 7 | 8 | 11 | 8 | 9 | 9 |
| Spearville | 4 | 13 | 8 | 9 | 11 | 8 | 10 |
| Speed | 5 | 46 | 10 | 4 | NA | 3 | 16 |
| Spivey | 6S | 32 | 5 | NA | 22 | 15 | 19 |
| Spring Hill | 8M | 12 | 11 | 8 | 12 | NA | 11 |
| St. Francis | 1 | 8 | 13 | 7 | 10 | 4 | 8 |

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|---------------------------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--|
| St. George | 7M | 20 | 17 | 14 | 14 | 13 | 16 |
| St. John | 6ML | 19 | 27 | 15 | 14 | 23 | 20 |
| St. Marys | 7M | 8 | 6 | 7 | 4 | 5 | 6 |
| St. Paul | 8M | NA | 8 | 3 | 16 | 15 | 10 |
| Stafford | 6ML | 6 | NA | NA | 13 | 10 | 10 |
| Sterling | 6ML | 4 | 12 | NA | 3 | 8 | 7 |
| Stockton | 5 | 14 | 10 | 4 | 11 | 11 | 10 |
| Strong City | 7S | NA | NA | 6 | 10 | 26 | 14 |
| Sublette | 2 | 9 | 8 | 6 | 6 | 9 | 8 |
| Suburban Water Company | 8M | NA | 5 | 11 | 14 | 11 | 10 |
| Summerfield | 7S | 4 | 8 | 11 | 11 | 18 | 10 |
| Sumner Co. RWD #01 | 7S | 28 | NA | 11 | 14 | 17 | 18 |
| Sumner Co. RWD #02 | 7S | 29 | 14 | 23 | 16 | 13 | 19 |
| Sumner Co. RWD #03 | 7S | NA | 10 | 11 | 3 | 17 | 10 |
| Sumner Co. RWD #04 | 7M | 32 | 41 | 35 | 40 | 35 | 37 |
| Sumner Co. RWD #05 | 7M | 4 | 17 | 24 | 16 | 5 | 13 |
| Sumner Co. RWD #06 | 7S | 8 | 9 | 6 | NA | 14 | 9 |
| Sumner Co. RWD #07 | 7S | NA | NA | NA | NA | NA | NA |
| Susank | 6S | NA | 17 | 20 | NA | 6 | 14 |
| Sylvan Grove | 6S | 6 | 10 | 18 | 10 | 14 | 12 |
| Sylvia | 6S | 25 | 22 | 20 | 35 | 28 | 26 |
| Syracuse | 1 | 8 | 8 | 4 | 3 | 3 | 5 |
| Tescott | 7S | 15 | 10 | 4 | 12 | 12 | 11 |
| Thayer | 8M | 9 | 5 | 12 | 21 | 11 | 12 |
| Timber Creek Water and Sewer District | 7M | 15 | 11 | 7 | 5 | 11 | 10 |
| Timken | 5 | 8 | 4 | 4 | 3 | NA | 5 |
| Tipton | 6S | NA | 9 | 5 | 11 | 6 | 8 |
| Tonganoxie | 8M | 13 | 15 | 15 | 16 | 18 | 15 |
| Topeka | 7L | 10 | 12 | 11 | 6 | 6 | 9 |
| Toronto | 7S | 14 | 14 | 11 | 9 | 13 | 12 |
| Towanda | 7M | NA | NA | NA | NA | NA | NA |
| Trego Co. RWD #01 | 4 | 4 | 7 | 9 | 6 | 20 | 9 |
| Trego Co. RWD #02 | 4 | 13 | 12 | 11 | 15 | 14 | 13 |
| Tribune | 1 | 13 | 17 | 13 | 11 | 14 | 14 |
| Troy | 8M | 5 | 6 | 12 | 6 | 9 | 8 |
| Turon | 6S | 12 | 20 | 12 | 11 | 15 | 14 |
| Udall | 7M | 16 | 27 | 24 | 21 | 12 | 20 |
| Ulysses | 2 | 6 | 6 | 7 | 3 | 7 | 6 |
| Uniontown | 8S | 13 | 17 | NA | 19 | 14 | 16 |
| University Park Water District | 7S | 4 | NA | NA | NA | NA | 4 |
| Utica | 4 | 20 | 11 | 17 | 12 | 23 | 17 |
| Valley Center | 7M | 10 | 10 | 25 | 27 | NA | 18 |

44 Public-Supply Water Use in Kansas, 2013

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|--------------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Valley Falls | 8M | 15 | 18 | 4 | 6 | 9 | 10 |
| Vermillion | 7S | NA | 6 | 8 | 3 | 6 | 6 |
| Victoria | 5 | 18 | 16 | 17 | 19 | 23 | 19 |
| Viola | 7S | 9 | 10 | 12 | 6 | 29 | 13 |
| Virgil | 7S | 9 | 22 | NA | 15 | 30 | 19 |
| Wabaunsee Co. RWD #01 | 7S | 16 | 17 | 21 | 23 | 18 | 19 |
| Wabaunsee Co. RWD #02 | 7M | 11 | 10 | 11 | 12 | 10 | 11 |
| WaKeeney | 4 | 17 | 8 | 12 | 8 | 12 | 11 |
| Wakefield | 7M | 21 | 25 | 28 | 11 | 12 | 19 |
| Waldo | 6S | 25 | NA | NA | 32 | 4 | 20 |
| Wallace | 1 | NA | 6 | NA | NA | NA | 6 |
| Wallace Co. RWD #01 | 1 | 3 | 6 | 9 | NA | NA | 6 |
| Walnut | 8S | NA | NA | 100 | NA | NA | 100 |
| Walton | 7S | NA | NA | NA | 11 | NA | 11 |
| Wamego | 7M | 8 | 6 | NA | 3 | 7 | 6 |
| Washington | 7M | 24 | 17 | 17 | 21 | 23 | 20 |
| Washington Co. RWD #01 | 7M | 13 | 7 | 12 | 15 | 9 | 11 |
| Washington Co. RWD #02 | 7M | 20 | 28 | 20 | 18 | 22 | 22 |
| WaterOne–Johnson Co. | 8L | 14 | 12 | 11 | 9 | 9 | 11 |
| Waterville | 7M | 10 | 5 | 25 | 8 | NA | 12 |
| Wathena | 8M | 28 | 27 | 40 | 38 | 26 | 32 |
| Waverly | 7M | 11 | 12 | 11 | 12 | 21 | 13 |
| Weir | 8M | 15 | 15 | 15 | NA | 9 | 14 |
| Wellington | 7M | 16 | 19 | 14 | 19 | 6 | 15 |
| Wellsville | 8M | 7 | NA | 11 | 9 | 11 | 10 |
| West Hills Water Company | 6S | 100 | 100 | 100 | 100 | NA | 100 |
| West Mineral | 8S | 12 | NA | NA | 14 | 12 | 13 |
| Westmoreland | 7M | 9 | 10 | 13 | NA | NA | 11 |
| Wetmore | 7S | 19 | 17 | 23 | 20 | 16 | 19 |
| White City | 7M | 19 | NA | 7 | 36 | 10 | 18 |
| White Cloud | 8S | 32 | 31 | 26 | 36 | 42 | 33 |
| Whitewater | 7M | 4 | 3 | 10 | 16 | 20 | 11 |
| Whiting | 7S | 14 | 11 | 11 | 12 | 10 | 12 |
| Wichita | 7L | 8 | 7 | 8 | 10 | 12 | 9 |
| Williamsburg | 8S | 4 | 4 | NA | 4 | 16 | 7 |
| Willis | 8S | 16 | 41 | 33 | NA | NA | 30 |
| Wilsey | 7S | 6 | NA | NA | NA | NA | 6 |
| Wilson | 6ML | 14 | 14 | 17 | 11 | 13 | 14 |
| Wilson Co. RWD #01 | 7S | NA | 12 | 14 | 8 | 13 | 12 |
| Wilson Co. RWD #02 | 7S | NA | 28 | 100 | 100 | 100 | 82 |
| Wilson Co. RWD #03 | 7S | 100 | 100 | NA | 100 | NA | 100 |
| Wilson Co. RWD #04 | 7S | 22 | NA | NA | NA | NA | 22 |

Table 3. Annual and average percent unaccounted for water (ufw) for public water suppliers in Kansas, 2009–13.—Continued

[ufw, unaccounted for water; NA, not available; Co., county; RWD, rural water district; #, number]

| Public water supplier | Region ¹ | 2009 ufw (percent) | 2010 ufw (percent) | 2011 ufw (percent) | 2012 ufw (percent) | 2013 ufw (percent) | 2009–13 average ufw (percent) ² |
|-----------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--|
| Wilson Co. RWD #05 | 7S | 29 | 12 | 7 | 7 | 6 | 12 |
| Wilson Co. RWD #06 | 7S | 32 | 13 | 21 | 13 | 26 | 21 |
| Wilson Co. RWD #07 | 7S | NA | NA | NA | NA | NA | NA |
| Wilson Co. RWD #08 | 7S | NA | NA | NA | NA | NA | NA |
| Wilson Co. RWD #09 | 7S | NA | NA | NA | NA | NA | NA |
| Wilson Co. RWD #10 | 7M | NA | NA | NA | NA | NA | NA |
| Wilson Co. RWD #11 | 7M | 44 | 47 | 18 | 16 | 19 | 29 |
| Wilson Co. RWD #12 | 7S | 10 | 9 | 7 | NA | 18 | 11 |
| Wilson Co. RWD #13 | 7S | 13 | 23 | 31 | 36 | 35 | 28 |
| Winchester | 8M | 12 | 13 | 13 | 16 | 7 | 12 |
| Windom | 7S | 16 | 21 | 5 | NA | 9 | 13 |
| Winfield | 7L | 13 | 7 | 5 | 13 | 9 | 9 |
| Winona | 2 | 5 | 16 | 7 | 15 | 14 | 11 |
| Woodbine | 7S | NA | 3 | 5 | 9 | 4 | 5 |
| Woodson Co. RWD #01 | 7M | 15 | 14 | 11 | 10 | 15 | 13 |
| Woodston | 5 | 24 | 9 | NA | 8 | NA | 14 |
| Yates Center | 7M | 8 | 8 | 9 | 10 | 9 | 9 |
| Zenda | 6S | 19 | 21 | 22 | NA | NA | 21 |

¹S, indicates small suppliers of 25 to 499 people; M, indicates medium suppliers of 500 to 9,999 people; L, indicates large suppliers of 10,000 people or more.

²Based on year(s) of available data for each public water supplier.

Appendixes

The Kansas Department of Agriculture's Division of Water Resources water-use report and nonprimary water-use correspondent report can be downloaded at <http://dx.doi.org/10.3133/ds964>.

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