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Public Water-Supply Systems and Associated Water Use in Tennessee, 2005

Open-File Report 2010–1226

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

Cover photograph. Clinch River at Looney's Gap, Hancock County, Tennessee, northeast of Knoxville.
Photo by Melissa Harris, U.S. Geological Survey.

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By John A. Robinson and Jaala M. Brooks

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KEN SALAZAR, Secretary

U.S. Geological Survey
Marcia K. McNutt, Director

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Conversion Factors

Multiply	By	To obtain
	Length	
inch (in.)	2.54	centimeter (cm)
	Area	
square mile (mi^2)	2.590	square kilometer (km^2)
	Volume	
gallon (gal)	3.785	liter (L)
gallon (gal)	0.003785	cubic meter (m^3)
acre-foot (acre-ft)	1,233	cubic meter (m^3)
	Flow rate	
gallon per minute (gal/min)	0.06309	liter per second (L/s)
gallon per day (gal/d)	0.003785	cubic meter per day (m^3/d)
million gallons per day (Mgal/d)	0.04381	cubic meter per second (m^3/s)

Temperature in degrees Fahrenheit (°F) may be converted to degrees Celsius (°C) as follows:

$$°C=(°F - 32)/1.8$$

Vertical coordinate information is referenced to the National Geodetic Vertical Datum of 1929 (NGVD 29).

Horizontal coordinate information is referenced to the North American Datum of 1983 (NAD 83).

Public Water-Supply Systems and Associated Water Use in Tennessee, 2005

By John A. Robinson and Jaala M. Brooks

Abstract

Public water-supply systems in Tennessee provide water to for domestic, industrial, and commercial uses, and municipal services. In 2005, more than 569 public water-supply systems distributed about 920 million gallons per day (Mgal/d) of non-purchased surface water and groundwater to a population of nearly 6 million in Tennessee. Surface-water sources provided 64 percent (about 591 Mgal/d) of the State's water supplies. Groundwater produced from wells and springs in Middle and East Tennessee and from wells in West Tennessee provided 36 percent (about 329 Mgal/d) of the public water supplies. Gross per capita water use for Tennessee in 2005 was about 171 gallons per day.

Water withdrawals by public water-supply systems in Tennessee have increased from 250 Mgal/d in 1955 to 920 Mgal/d in 2005. Tennessee public water-supply systems withdraw less groundwater than surface water, and surface-water use has increased at a faster rate than groundwater use. However, 34 systems reported increased groundwater withdrawals during 2000–2005, and 15 of these 34 systems reported increases of 1 Mgal/d or more. The county with the largest surface-water withdrawal rate (130 Mgal/d) was Davidson County.

Each of Tennessee's 95 counties was served by at least one public water-supply system in 2005. The largest groundwater withdrawal rate (about 167 Mgal/d) by a single public water-supply system was reported by Memphis Light, Gas and Water, which served 654,267 people in Shelby County in 2005.

Introduction

The population of Tennessee in 2005 was estimated as 5,955,745 by the U.S. Census Bureau (2006). As Tennessee's population has increased with time, so too has the number of people relying on public water-supply systems for their water. Public supply refers to water withdrawn by public or private suppliers that furnish water year round to at least 25 people or have at least 15 service connections (U.S. Geological Survey, 1978). The withdrawal rates reported by the public water-supply systems reflect the demand for water across Tennessee. Studies documenting the number of public water-supply systems and their withdrawal rates provide local and regional government agencies with a better understanding of past and current water use, and provide a basis for accurate estimation of future water needs.

Purpose and Scope

The U.S. Geological Survey (USGS), in cooperation with the Tennessee Department of Environment and Conservation, Division of Water Supply (TDEC-DWS), prepared this report to provide information on water use by public water-supply systems in Tennessee. The report presents the quantities of water withdrawn and delivered by public water-supply systems in Tennessee for 2005 and lists the sources of water used by the public water-supply systems.

Water-use data for calendar year 2005 were obtained from TDEC-DWS, which regulates public water-supply system withdrawals and usage within Tennessee. Water-use data prior to 2000 were obtained from published reports. The data analyses for this report include graphic summaries and descriptions of water use in Tennessee from 1950 to 2005.

Description of the Study Area

Tennessee is located in the central southeastern United States, bounded by the Mississippi River on the west and extending to the Blue Ridge Physiographic Province and Appalachian Mountains on the east. Tennessee encompasses 42,126 square miles (mi^2), which includes 926 mi^2 of inland water (Webbers, 2003). Land-surface elevations range from about 180 feet above NGVD 29 along the Mississippi River to more than 6,600 feet above NGVD 29 in the mountains of East Tennessee. Rainfall in Tennessee is approximately 50 to 54 inches per year. The three divisions of Tennessee—West, Middle, and East—are characterized by distinct differences in geology, physiography, and hydrography. In West Tennessee, thick unconsolidated sedimentary aquifers provide water for public water supplies. In Middle and East Tennessee, public water supplies come primarily from surface water and, in places, from groundwater sources, such as production wells and springs.

Hydrography

Three major hydrologic regions divide the State's surface-water hydrography from West Tennessee to East Tennessee—the Lower Mississippi, the Ohio, and the Tennessee hydrologic regions (fig. 1). A small part of southeastern Tennessee is in the South Atlantic-Gulf region. Within the major hydrologic regions are smaller hydrologic subregions, containing river basins and tributaries (table 1).

In Middle and East Tennessee, the Ohio hydrologic region includes the Cumberland River and its tributaries. The major tributaries of the Cumberland River are the Obey, Caney, Harpeth, Stones, and Red Rivers. The Tennessee hydrologic region includes the Tennessee River and its major tributaries, including the Buffalo, Beech, Big Sandy, Elk, Shoal, Flint, Clinch, French Broad, Holston, Nolichucky, Powell, Little Tennessee, and Tellico Rivers. The Cumberland and Tennessee River basins include an extensive network of reservoirs that store about 8.12 million acre-feet (2,647 billion gallons) of water (Hutson, 1990). In West Tennessee, the Lower Mississippi-Hatchie hydrologic region encompasses a draingage area of about 8,907 mi^2 of water. Surface-water characteristics of the hydrologic subregions and major river basins in Tennessee are described in table 1.

Groundwater for public supply in Tennessee is supplied by eight of the nine principal aquifers (fig. 2, table 2), in the State. The principal aquifers in Tennessee that are used for public water supply are the Alluvial, Tertiary sand, Cretaceous sand, Pennsylvanian sandstone, Mississippian carbonate, Ordovician carbonate, Cambrian-Ordovician carbonate, and the crystalline-rock aquifers (Bradley and Hollyday, 1985). About 73 percent of the groundwater used for public supplies in Tennessee is produced from the Tertiary sand aquifers, primarily the Memphis aquifer, in West Tennessee. In Middle and East Tennessee, groundwater may discharge at large springs, which also are used for water supplies. Information about the aquifers and production well characteristics in Tennessee is given in table 2. Detailed descriptions and water-quality information for the aquifers in Tennessee can be found in the following reports: Brahana and Bradley (1985); Brahana, Bradley, and Mulderink (1986); Brahana, Macy, and others (1986); Brahana, Mulderink, and others (1986); Parks and Carmichael (1989); Kingsbury and Parks (1993); and Gonthier (2000).

Physiography

The diverse topography of Tennessee includes eight physiographic divisions (fig. 2) that range from broad flood plains in the Coastal Plain Physiographic Province of West Tennessee, to rolling hills and karst plains in the Highland Rim and Central Basin of Middle Tennessee, to steep mountains and deep narrow valleys in the Valley and Ridge and Blue Ridge Physiographic Provinces of East Tennessee. The

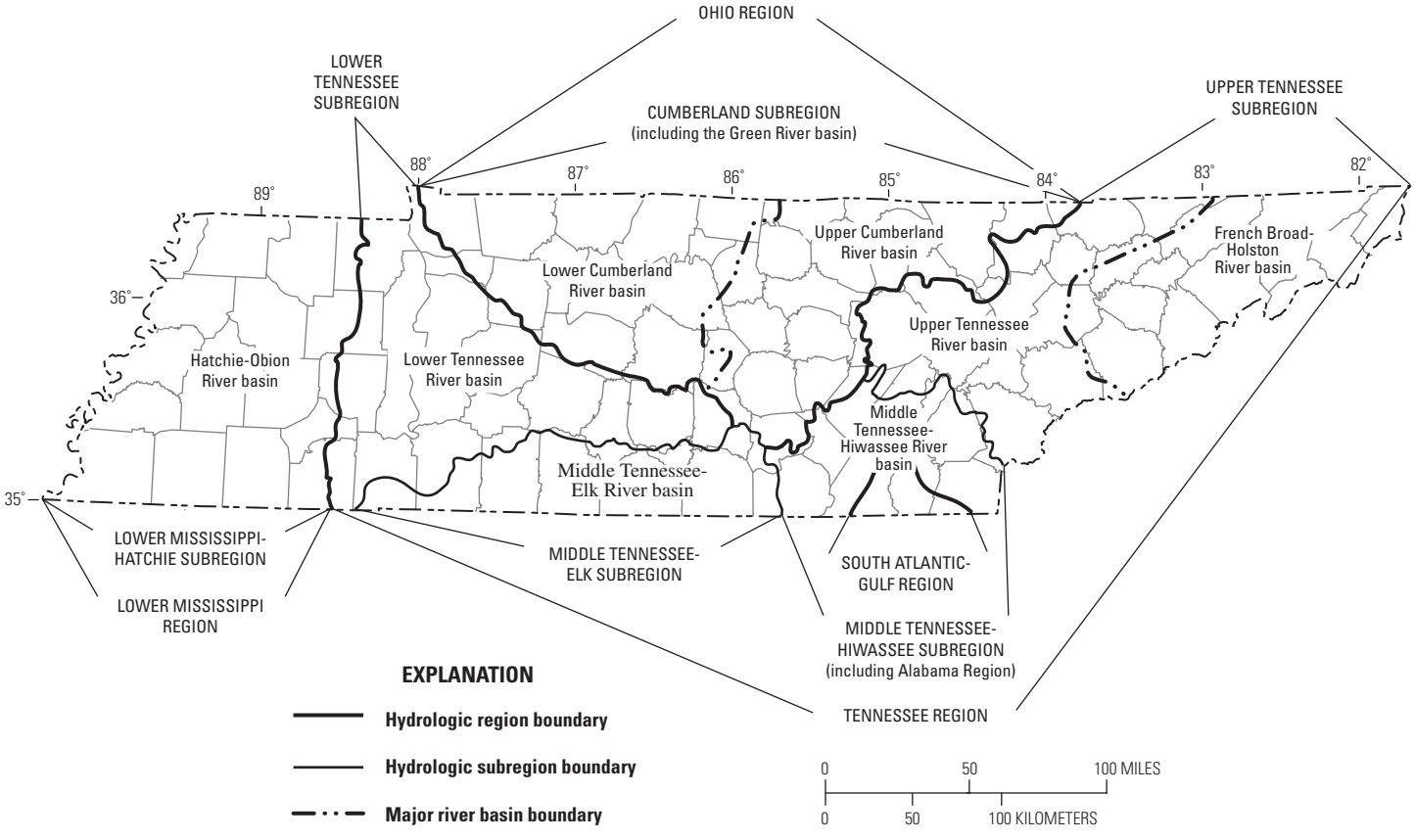


Figure 1. Major hydrologic regions and subregions and major river basins in Tennessee.

Table 1. Surface-water characteristics of hydrologic subregions and major river basins in Tennessee (from Webbers, 2003).

Hydrologic subregion[1]	Major river basin and associated river	Physiographic divisions (Miller, 1974)	Response to drought	Remarks
Lower Mississippi-Hatchie	Hatchie-Obion Obion, Hatchie, Loosahatchie, Wolf, Nonconnah, Forked Deer	Coastal Plain	Sustained flow from groundwater in main stem during dry months. Small streams will be dry.	Few available storage sites. High sediment load and poor water quality limits use; pumps must use filters.
Cumberland (including the Green River basin in Tennessee)	Upper Cumberland Obey, Caney, Lower Cumberland, Harpeth, Stones, Red	Central Basin Highland Rim Cumberland Plateau	Many small unregulated streams are characterized by no flow or low flow during dry periods. The Cumberland River is regulated.	In the Central Basin, streamflow is highly responsive to rainfall, and flows are poorly sustained. Streamflows are fairly well sustained in the Highland Rim. The Sequatchie River streamflows in the Cumberland Plateau are poorly sustained.
Lower Tennessee	Lower Tennessee Duck Buffalo, Beech, Big Sandy	Highland Rim Central Basin Western Valley	In late summer and early fall, unregulated streams go dry or sustain low flows.	In the Central Basin, streamflow is highly responsive to rainfall, and flows are poorly sustained. Streamflows are fairly well sustained in the Highland Rim. Streamflow is adequately sustained for supply in the Western Valley.
Middle Tennessee-Elk	Middle Tennessee-Elk Elk, Shoal, Flint	Highland Rim Cumberland Plateau Central Basin	Commonly in late summer, unregulated streams go dry, particularly along the basin rim.	In the Central Basin, streamflow is highly responsive to rainfall, and flows are poorly sustained. Streamflows are fairly well sustained in the Highland Rim. In the Cumberland Plateau, streamflows are poorly sustained.
Upper Tennessee	French Broad-Holston French Broad Holston, Nolichucky Upper Tennessee Clinch Powell, Little Tennessee, Little Tellico	Blue Ridge Valley and Ridge Cumberland Plateau	Commonly in late summer, unregulated streams go dry. Many small unregulated streams may sustain low flow with groundwater inflow.	In the Blue Ridge, steep terrain and low permeability result in high runoff rates. Many springs are in the area. Surface-water impoundments enhance water supplies in the Valley and Ridge. In the Cumberland Plateau, streamflows are poorly sustained.
Middle Tennessee-Hiwassee (including the Alabama region)	Middle Tennessee-Hiwassee/ Hiwassee, Sequatchie	Blue Ridge Valley and Ridge Cumberland Plateau Sequatchie Valley	Commonly in late summer, unregulated streams go dry, particularly along the basin rim. Even streams having watersheds exceeding 100 square miles may cease to flow.	In the Blue Ridge, steep terrain and low permeability result in high runoff rates. Many springs are in the area. Surface-water impoundments enhance water supplies in the Valley and Ridge. In the Cumberland Plateau, streamflows are poorly sustained.
South Atlantic-Gulf[2]	Conasauga	Blue Ridge Valley and Ridge	Commonly in late summer, unregulated streams go dry, particularly along the basin rim.	In the Blue Ridge, steep terrain and low permeability result in high runoff rates. Many springs are in the area. Surface-water impoundments can enhance water supplies.

[1]Refer to figure 1 for location on map.

[2]South Atlantic-Gulf Region extending from Alabama.

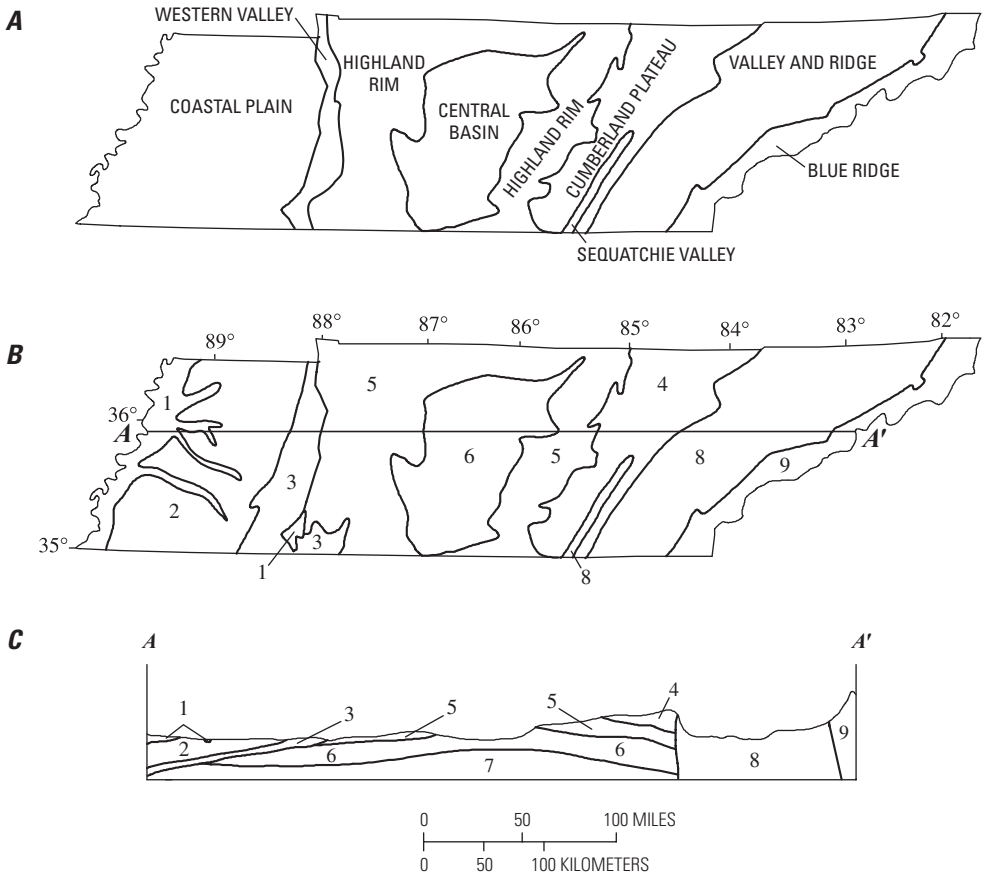


Figure 2. (*A*) Major physiographic divisions (modified from Fenneman, 1946, and Miller, 1974), (*B*) principal aquifers (modified from Hollyday and Bradley, 1985), and (*C*) generalized geologic section in Tennessee (Hollyday and Bradley, 1985).

geology of Tennessee includes unconsolidated sediments of the Coastal Plain in West Tennessee; limestone and dolomite of the Highland Rim and Central Basin in Middle Tennessee; and limestone, sandstone, and shale of the Cumberland Plateau, limestone, dolomite, and shale in the Valley and Ridge Province, and metamorphic and igneous crystalline rocks of the Blue Ridge Physiographic Province in East Tennessee (Miller, 1974).

Previous Investigations

Previous investigations have published water-use data for Tennessee as part of a national compilation since the 1950s (MacKichan, 1951, 1957) and specific to Tennessee since the 1980s (Alexander and others, 1984; Hutson, 1989). A review of previous investigations describing water use by public water-supply systems in Tennessee from 1950 to 2000 indicates that (1) water withdrawals by public water-supply

Table 2. Aquifer and well characteristics in Tennessee (modified from Hollyday and Bradley, 1985).

Aquifer name[1] and description	Well characteristics				Remarks
	Depth (feet)		Yield (gallons per minute)		
	Common range	May exceed	Common range	May exceed	
Alluvial: Sand, gravel, and clay. Unconfined.	10 – 75	100	20 – 50	1,500	High iron concentrations in some areas.
Tertiary sand: Multiaquifer unit of sand, clay, silt, and some gravel and lignite. Confined; unconfined in the outcrop area.	100 – 1,300	1,500	200 – 1,000	2,000	Includes Memphis Sand of Claiborne Group and Fort Pillow Sand of Wilcox Group. Problems with high iron concentrations in some places.
Cretaceous sand: Multiaquifer unit of interbedded sand, clay, marl, and gravel. Confined; unconfined in the outcrop area.	100 – 1,500	2,500	50 – 500	1,000	Includes McNairy and Coffee Sands, and Tuscaloosa Formation. Water withdrawn primarily in the outcrop area.
Pennsylvanian sandstone: Multiaquifer unit, primarily sandstone and conglomerate, interbedded shale and some coal. Unconfined near land surface; confined at depth.	100 – 200	250	5 – 50	200	Permeability is from fractures, faults, and bedding-plane openings. Principal water-bearing units are Rockcastle and Sewanee Conglomerates. High iron concentrations are a problem.
Mississippian carbonate: Multiaquifer unit of limestone, dolomite, and some shale. Unconfined or partly confined near land surface; may be confined at depth.	50 – 200	250	5 – 50	400	Water occurs in solution and bedding–plane openings. Principal water-bearing units are Ste. Genevieve (Monteagle), St. Louis and Warsaw Limestones and Fort Payne Formation. Water generally hard; high iron, sulfide, or sulfate concentrations are a problem in some areas.
Ordovician carbonate rock: Multiaquifer unit of limestone, dolomite, and shale. Partly confined to unconfined near land surface; confined at depth.	50 – 150	200	5 – 20	300	Principal water-bearing units are Bigby, Carters, Ridley, and Murfreesboro Limestones. Water generally hard; some high sulfide or sulfate concentrations in places.
Knox: Primarily dolomite, some limestone; confined. Does not have the structural complexity of the Cambrian-Ordovician carbonate aquifer.	700 – 1,200	1,400	1 – 10	20	Deep aquifer; present beneath most of central and western Tennessee. Away from Central Basin, water generally has high concentrations of dissolved solids.
Cambrian-Ordovician carbonate: Highly faulted multiaquifer unit of limestone, dolomite, sandstone, and shale; structurally complex. Unconfined; confined at depth.	100 – 300	400	5 – 200	2,000	Principal water-bearing units are carbonate rocks in Chickamauga Limestone, Knox Group, and Honaker Dolomite. Water is generally hard. Brine below 3,000 feet.
Crystalline rock: Multiaquifer unit of dolomite, granite gneiss, phyllite, and metasedimentary rocks overlain by thick regolith; alluvium and colluvium in some valleys. Generally unconfined.	50 – 150	200	5 – 50	1,000	High yields occur primarily in dolomite or deep colluvium and alluvium. Shady Dolomite is a principal aquifer. Low pH and high iron concentrations may be problems in some areas.

[1]Refer to figure 2 for location map.

systems in Tennessee have increased, (2) surface water provided most (54 percent) of Tennessee's public water supplies, and (3) surface-water use has increased at a faster rate than groundwater use (MacKichan, 1951, 1957; Murray and Reeves, 1972, 1977; Hutson, 1989, 1991, 1999; Hutson and Morris, 1992; Solley and others, 1993; Webbers, 2003).

The combined municipal withdrawals of groundwater and surface water were estimated at 160 Mgal/d in 1950, with groundwater withdrawals estimated to be 85 Mgal/d and surface-water withdrawals estimated to be 75 Mgal/d (MacKichan, 1951, 1957; Murry and Reeves, 1972, 1977; Hutson, 1989, 1991, 1999; Hutson and Morris, 1992; Solley and Others, 1993; Webbers, 2005) (fig. 3). In 1955, total public water withdrawals for Tennessee were estimated at 250 Mgal/d (MacKichan, 1957). By 1970, total public water withdrawals had reached approximately 400 Mgal/d (Murray and Reeves, 1977). From 1988 to 1990, surface-water withdrawals decreased slightly from 446 to 426 Mgal/d. Ground-water withdrawals in the State, however, increased slightly during the same time, from 262 Mgal/d (Hutson and Morris, 1992) to 269 Mgal/d (Solley and others, 1993). In 1995, total withdrawals by public water-supply systems reached 779 Mgal/d (Hutson, 1999), a 53-percent increase since 1980 (510 Mgal/d). Overall growth in public water supplies during 1988 reflected

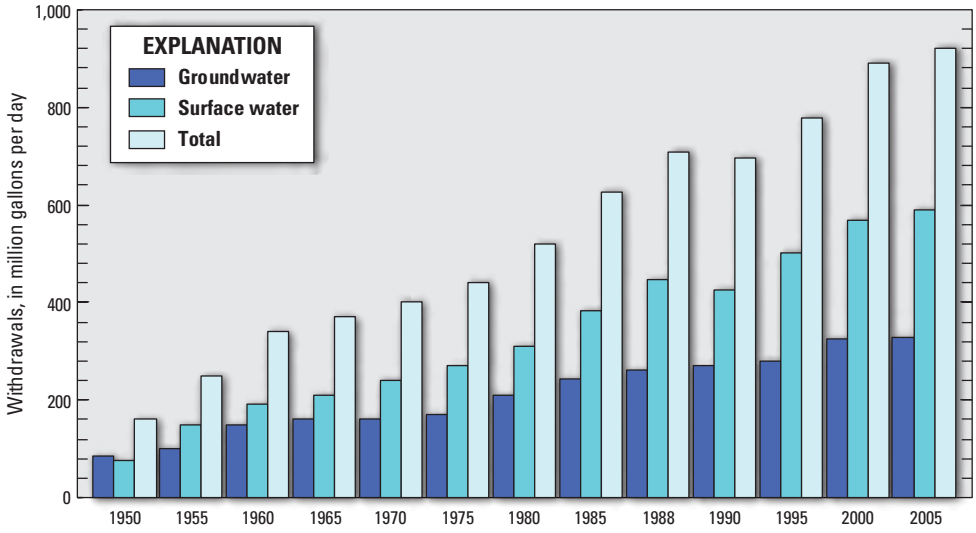


Figure 3. Surface-water and groundwater withdrawals by public water-supply systems in Tennessee, 1950 to 2005. (MacKichan, 1951, 1957; Murray and Reeves, 1972, 1977; Hutson, 1989, 1991, 1999; Hutson and Morris, 1992; Solley and others, 1993; Webbers, 2003)

changing demands and patterns of water use in the commercial and industrial sectors (Hutson and Morris, 1992). However, the number of water systems distributing public water supplies in Tennessee decreased from 541 in 1988 (Hutson and Morris, 1992) to 530 systems in 1995 (Hutson, 1999).

Approach and Methods

To assess water use in Tennessee, data were collected and analyzed for public water-supply systems active between January 1 and December 31, 2005. The public water-supply systems included investor-owned water companies, private water companies, municipal water departments, regional water authorities, residential developments, mobile home parks, homeowner associations, and institutions such as schools and prisons. Each water system supplied TDEC, DWS, with monthly operating reports that included information on the source of water, mean daily or monthly water withdrawal rates, and the population served. In some instances, public water-supply systems were contacted to supplement missing data or verify reported data.

Monthly and annual average water withdrawals of each public water-supply system were separated into categories of surface water, groundwater, and purchased water. The withdrawal rates of systems using surface-water and groundwater supplies were calculated and compared with historic withdrawal rates and with changes in the population served. The amounts of water purchased by public water-supply systems are not included in the calculations for the amount of water withdrawn from the surface-water basins or from the aquifers. The amount of purchased water used by a system is included in the gross per capita water use by the population served listed in the supplemental tables (Supplements A, B, and C) near the end of this report.

Public Water-Supply Systems

Public water-supply systems may use a river or stream as a surface-water source, withdraw water from a drilled well or spring as a groundwater source, or purchase water from another water system. In 2005, Tennessee was served by 569 public water-supply systems with 379 systems providing 920 Mgal/d of non-purchased groundwater or surface-water supplies to about 90 percent of the population. The remaining 190 systems relied entirely on water purchased from other water systems to provide about 87.8 Mgal/d of purchased water supplies to Tennessee residents.

Of the 379 public water-supply systems withdrawing water, 144 systems withdrew surface water and 235 systems withdrew groundwater. Sixteen of these 379 systems used both surface and groundwater. Supplements A, B, and C provide information about the water source(s) for each public water-supply system; the amount of water withdrawn, sold, or purchased; the population served by each system; and the gross per capita water use for each system when such information is known. An index of the public water-supply systems in Tennessee which are included in the report is provided and sorted by system name and includes the public water-supply system identification number and identifies the supplement table where data for the system are located.

Each of Tennessee's 95 counties was served by at least one public water-supply system in 2005 (fig. 4). The largest groundwater withdrawal rate (about 167 Mgal/d) by a single public water-supply system was reported by Memphis Light,

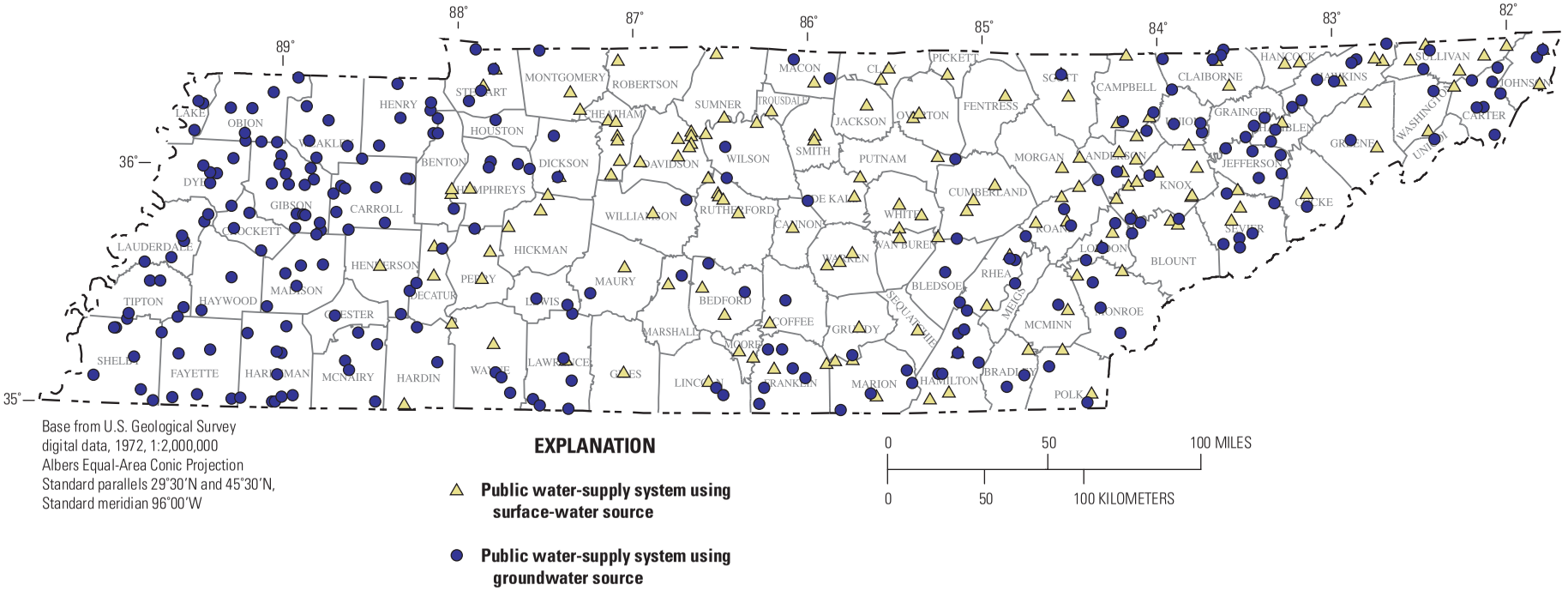


Figure 4. Distribution of public-supply systems using surface water or groundwater in Tennessee in 2005.

Gas and Water (MLGW), which served 654,267 people in Shelby County in 2005 (Supplement C). The county with the largest surface-water withdrawal rate (130 Mgal/d) was Davidson County (Supplement A).

Public Water Supplies and Water Use During 2005

During 2005, Tennessee's public water-supply systems withdrew about 920 Mgal/d, which is a combined withdrawal of 64 percent surface water (591 Mgal/d) and 36 percent groundwater (329 Mgal/d) (fig. 5). A discussion of surface-water and groundwater withdrawals during 2005 and how they compare to previous years' withdrawals follows.

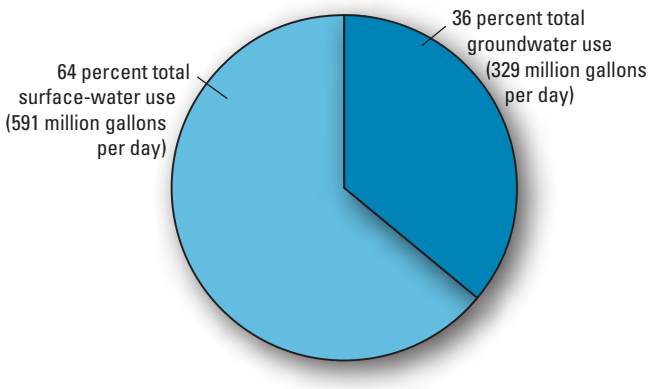


Figure 5. Source of water for public water-supply systems in Tennessee in 2005.

Surface Water

In 2005, surface water provided approximately 591 Mgal/d of the total non-purchased public water supplies distributed by water systems in Tennessee. This quantity represents an increase of about 22 Mgal/d (about 4 percent) since 2000 (569 Mgal/d) (fig. 4). The ratio of surface-water to groundwater withdrawals for 2005 is lower than in previous years (1970–2000). In 2005, 99 public water systems withdrew surface-water supplies of 1 Mgal/d or more. The largest surface-water withdrawals by public water-supply systems in the State occurred in counties located in the Tennessee and Ohio hydrologic regions and came primarily from the Lower Cumberland (233 Mgal/d), French Broad-Holston (127 Mgal/d), Upper Tennessee (71.0 Mgal/d), and the Middle Tennessee-Hiwassee River Basins (70.9 Mgal/d). Other river basins in Tennessee provided about 88 Mgal/d of the municipal water supplies in 2005 (table 3).

Surface-water use in 2005 primarily increased in Middle and East Tennessee. Water-supply systems serving the metropolitan Nashville/Davidson County area served more than 545,000 customers in 2005 and withdrew about 130 Mgal/d from the Cumberland River (Supplement B). This was the largest surface-water withdrawal in the State during 2005. Large amounts of surface water were also withdrawn from the Tennessee River in the Chattanooga and Knoxville metropolitan areas (Supplement A). Surface water was not a primary source for public water-supply systems in the Lower Mississippi hydrologic region of West Tennessee, because of the abundance and availability of groundwater supplies (Hutson and Morris, 1992; Hutson, 1999). The distribution of surface-water withdrawal rates in Tennessee counties during 2005 is shown in figure 6. Additional information about surface-water sources and withdrawal rates are presented in Supplements A, B, and C.

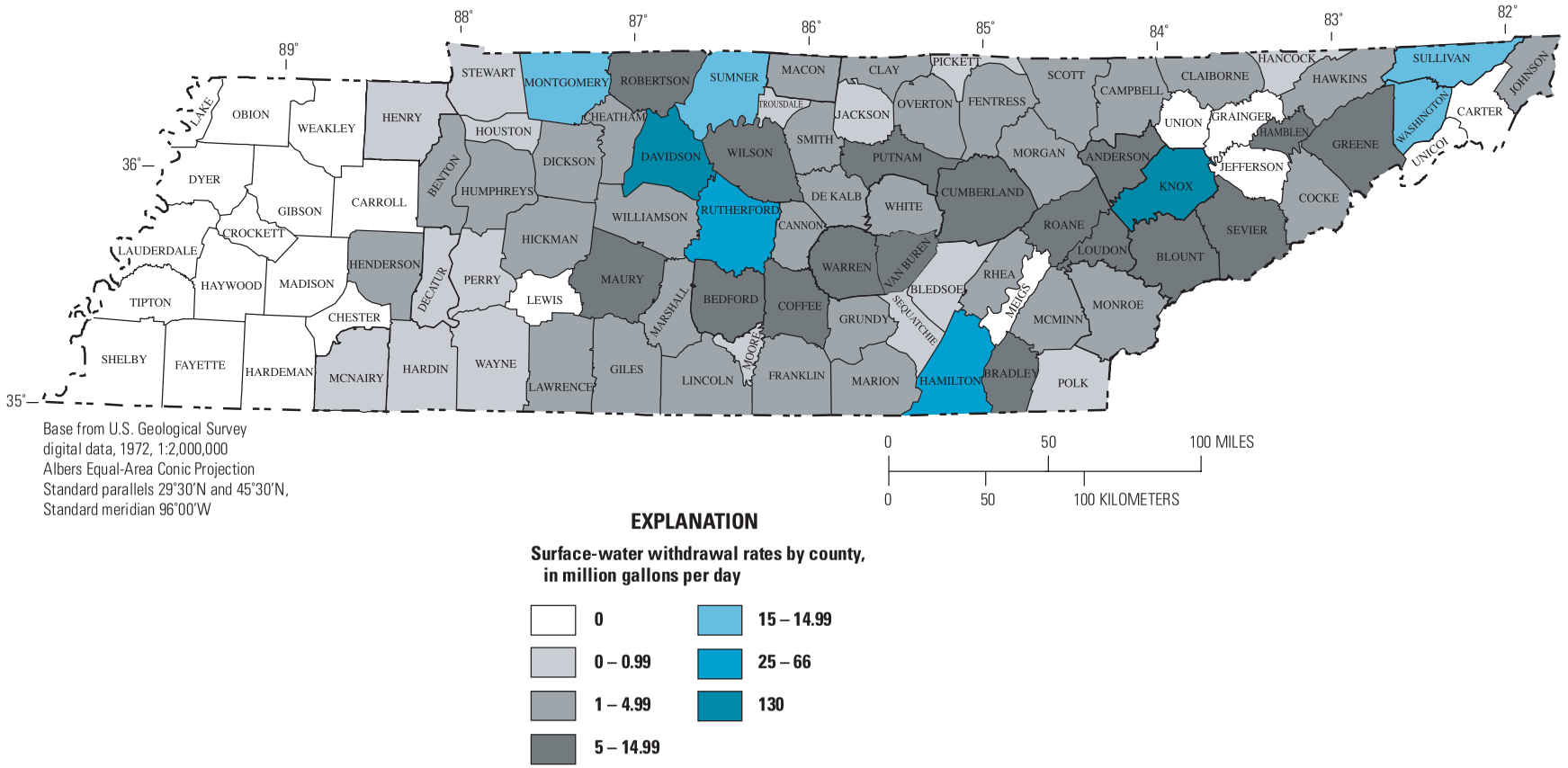
Groundwater

Groundwater supplied about 329 Mgal/d in 2005 (fig. 4), an increase of approximately 8 Mgal/d since 2000. Almost 78 percent of the groundwater withdrawn for public supply during 2005 was reported from West Tennessee. In Shelby County, Tennessee, alone, groundwater withdrawals yielded 188 Mgal/d (fig. 7) and provided water for more than 881,000 people. The largest total withdrawal (167 Mgal/d) by a single water system in Tennessee occurred in Memphis by MLGW, which served a population of 654,267. Approximately 252 Mgal/d of groundwater were withdrawn from the Tertiary sand, Cretaceous sand, and alluvial aquifers (figs. 8 and 9). In contrast to the large amount of groundwater used in West Tennessee, the combined withdrawals from aquifers in Middle and East Tennessee were only about 76 Mgal/d.

Table 3. Surface-water withdrawals from Tennessee river basins in 2005.

[Withdrawals in million gallons per day]

River basin name	Surface-water withdrawal
Lower Cumberland	233
French Broad-Holston	127
Upper Tennessee	71.0
Middle Tennessee-Hiwassee	70.8
Upper Cumberland	40.3
Lower Tennessee	35.9
Middle Tennessee-Elk	11.9
Hatchie-Obion	0.09



Base from U.S. Geological Survey
digital data, 1972, 1:2,000,000
Albers Equal-Area Conic Projection
Standard parallels 29°30'N and 45°30'N,
Standard meridian 96°00'W

EXPLANATION

Surface-water withdrawal rates by county, in million gallons per day

0	15 – 14.99
0 – 0.99	25 – 66
1 – 4.99	130
5 – 14.99	

Figure 6. Surface-water withdrawal rates for Tennessee counties in 2005.

Table 4. Groundwater withdrawals by public water-supply systems in Tennessee using 1 million gallons per day or more.

[–, no groundwater withdrawal reported by system; aquifer names—TRMS, Tertiary sand-Memphis aquifer; TRCF, Tertiary sand-Cockfield aquifer; TRFP, Tertiary sand-Fort Pillow aquifer; CRCS, Cretaceous sand; CMBR, Cambrian-Ordovician carbonate rock; CRYST, Crystalline rock; ALVM, Alluvial; MSSP, Mississippian carbonate; ODVC, Ordovician carbonate rock]

Public water-supply system	Withdrawal rates, in million gallons per day				Change in withdrawals (1988–2005)	Aquifer
	1988	1995	2000	2005		
Lower Mississippi Hydrologic region						
Memphis Light, Gas and Water	141	148	166.73	167.39	26.39	TRMS
Jackson Water System	10.2	12.1	15.03	13.72	3.52	TRMS
Germantown Water Department	4.91	3.96	7.28	6.19	1.28	TRMS
Bartlett Water System/Bartlett-Ellendale	1.36/1.77	4.44	5.99	6.47	5.11	TRMS
Collierville Water Department	2.37	3.41	5.82	6.06	3.69	TRMS
Dyersburg Water Department	4.35	4.12	4.00	3.22	–1.13	TRMS
Union City Water Department	2.85	3.45	3.96	3.96	1.11	TRMS
Gibson Co. Municipal Water Districts	0.73	0.81	1.34	0.82	0.09	TRMS
Humboldt Utilities Water Department	1.84	2.28	2.37	1.70	–0.14	TRMS
Selmer Water System	2.10	2.13	2.24	2.19	0.09	CRCS
Covington Water Department	1.40	1.43	2.23	2.06	0.66	TRMS
Ripley Water System	1.83	1.52	2.03	1.90	0.07	TRMS
Brownsville Water Department	1.71	2.05	1.77	1.75	0.04	TRMS
Poplar Grove Utility District	0.21	1.00	1.76	1.92	1.71	TRMS
Martin Water Department	1.51	1.40	1.50	1.42	–0.09	TRMS
Milan Water Department	1.34	1.31	1.33	1.24	–0.10	TRMS
County Wide Utility District	0.96	1.13	1.01	1.01	0.05	TRMS/ TRCF
Bolivar Water System	1.37	1.17	1.28	1.17	–0.20	CRCS
McKenzie Water Department	0.72	1.19	1.22	1.11	0.39	TRFP
Henderson Water Department	0.86	1.02	1.15	1.01	0.15	CRCS
Millington Water Department	1.10	1.17	1.10	0.59	–0.51	TRFP
Munford Water Department	0.38	0.72	1.05	1.17	0.79	TRMS
Naval Support Activity Memphis	1.91	1.56	0.93	0.80	–1.12	TRFP
Newbern Water Department	–	–	–	1.21	1.21	TRCF
Subtotal	**187.01**	**201.37**	**233.12**	**230.08**	**43.06**	

Table 4. Groundwater withdrawals by public water-supply systems in Tennessee using 1 million gallons per day or more—Continued

[–, no groundwater withdrawal reported by system; aquifer names—TRMS, Tertiary sand-Memphis aquifer; TRCF, Tertiary sand-Cockfield aquifer; TRFP, Tertiary sand-Fort Pillow aquifer; CRCS, Cretaceous sand; CMBR, Cambrian-Ordovician carbonate rock; CRYST, Crystalline rock; ALVM, Alluvial; MSSP, Mississippian carbonate; ODVC, Ordovician carbonate rock]

Public water-supply system	Withdrawal rates, in million gallons per day				Change in withdrawals (1988–2005)	Aquifer
	1988	1995	2000	2005		
Tennessee Hydrologic region						
Hixson Utility District	5.61	6.19	6.70	6.54	0.93	CMBR
Elizabethton Water Department	5.26	5.35	5.39	5.70	0.44	CMBR
Johnson City Water Department	3.18	3.93	3.72	3.91	0.73	CRYST
Jefferson City Water and Sewer Comm.	1.51	2.34	2.70	3.88	2.37	CMBR
Athens Utilities Board	1.76	1.12	2.60	3.17	1.41	CMBR
Paris Board of Public Utilities	2.17	2.41	2.57	2.28	0.11	CRCS
Savannah Public Utilities Department	1.73	1.60	2.27	2.26	0.53	ALVM
Erwin Utilities	1.28	2.08	2.21	1.95	0.67	CMBR
Lincoln County Board of Public Utilities #1	0.74	1.42	1.68	1.91	1.17	MSSP
Savannah Valley Utility District	0.80	0.90	1.66	2.06	1.26	CMBR
Hohenwald Water System	0.90	1.18	1.48	1.52	0.62	MSSP
Ocoee Utility District	0.56	1.47	1.33	1.41	0.85	CMBR
Lawrenceburg Water System	1.07	1.32	1.27	0.63	–0.44	MSSP
Cleveland Utilities	1.25	1.47	1.23	1.14	–0.11	CMBR
First Utility District of Carter County	0.76	1.06	1.12	1.90	1.14	CMBR
Eastside Utility District	3.77	–	–	–	–3.77	CMBR
Jasper Water Department	–	–	–	1.42	–	CMBR
Waverly Water Department	–	–	–	1.07	1.07	MSSP
Mount Pleasant Water System #1	0.93	1.06	1.03	1.07	0.14	MSSP
Sweetwater Utility Board	1.10	0.47	0.00	0.00	–1.10	CMBR
Mountain City Water Department	1.10	0.45	0.83	0.64	–0.46	CMBR
Subtotal	**35.48**	**35.82**	**39.79**	**44.44**	**7.55**	
Ohio (Cumberland River) Hydrologic Region						
Fort Campbell Water System	4.98	4.69	4.42	4.90	–0.08	MSSP
Lafayette Water System	0.64	0.81	1.48	0.76	0.12	MSSP
Gladeville Utility District #1	–	0.97	1.06	1.44	1.44	ODVC
Subtotal	**5.62**	**6.47**	**6.96**	**7.09**	**1.48**	
Totals Statewide	**228.11**	**243.66**	**279.87**	**281.61**	**52.09**	

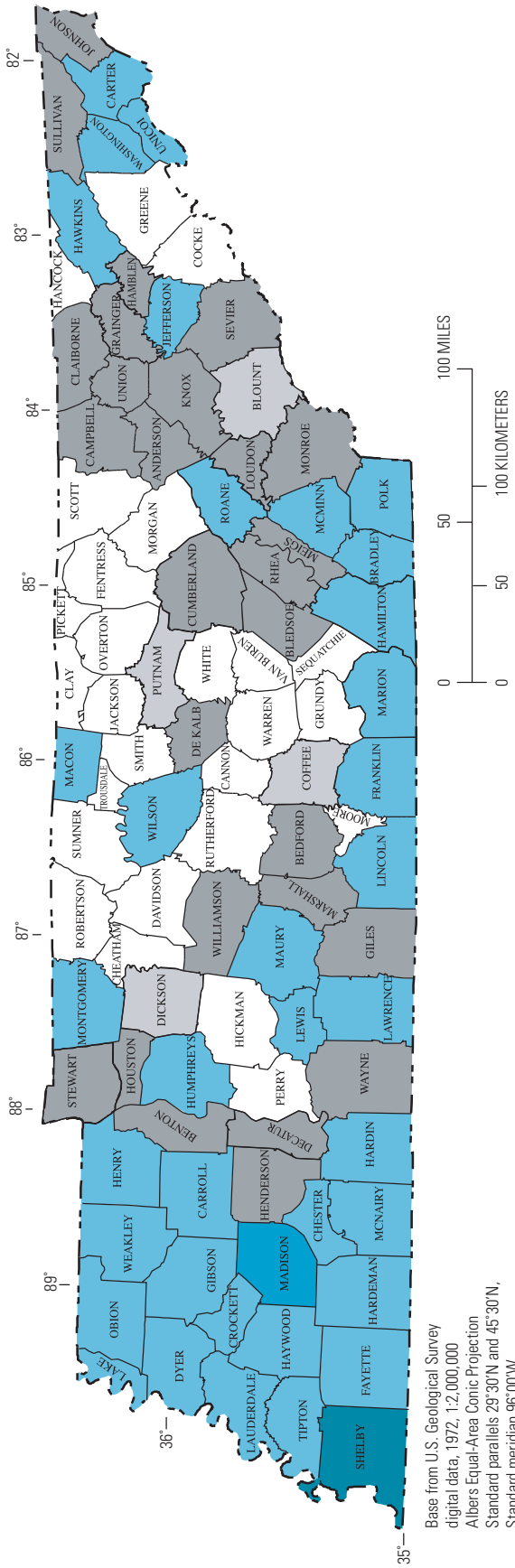


Figure 7. Groundwater withdrawal rates for Tennessee counties in 2005.

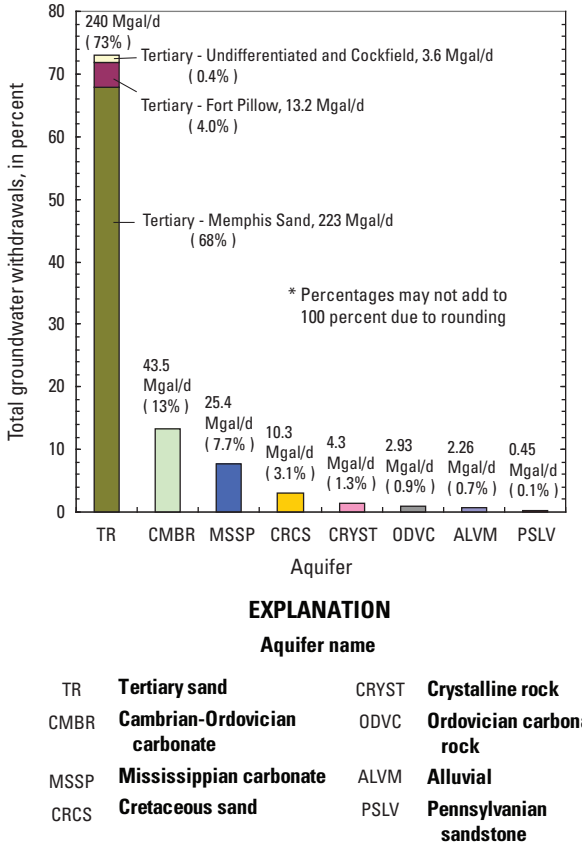


Figure 8. Groundwater withdrawals, in million gallons per day, from principal aquifers in Tennessee in 2005.

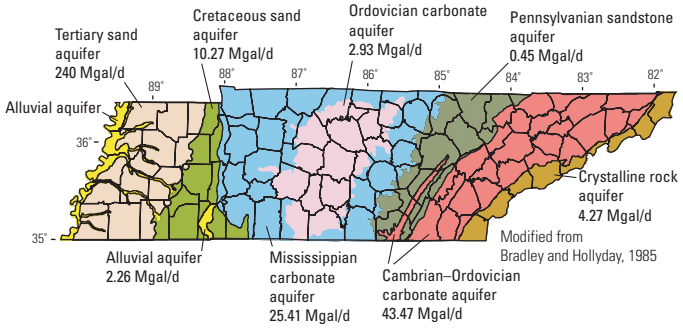


Figure 9. Principal aquifers in Tennessee and rate of water withdrawal, in million gallons per day, 2005.

A review of historical groundwater use reported by large public water-supply systems withdrawing 1 Mgal/d or more in Tennessee from 1988 through 2005 indicates that, within the 18-year period, several of these systems substantially increased their withdrawal rates (table 4). Thirty-four systems reported increased withdrawals in 2005, and 15 of these systems increased withdrawals by more than 1 Mgal/d. The greatest total increase in withdrawal rates was reported by systems located in the Lower Mississippi hydrologic region of West Tennessee (43.1 Mgal/d). More than 50 percent (about 167 Mgal/d) of the groundwater withdrawals in this region in 2005 were by MLGW, which reported an increase of about 26 Mgal/d in withdrawals since 1988.

Summary

In 2005, public water-supply systems provided approximately 920 Mgal/d of non-purchased surface water and groundwater to the population in Tennessee. Public water supplies in Tennessee came from 144 systems that withdrew about 591 Mgal/d of surface water and 235 systems that withdrew about 329 Mgal/d of groundwater, with 16 systems withdrawing from both sources. A separate source category for supply is water purchased from other systems. Tennessee water-supply systems purchased about 88 Mgal/d of their water from other systems in 2005. The largest surface-water withdrawals by public water-supply systems in the State occurred in counties located in the Tennessee and Ohio hydrologic regions and came primarily from the Lower Cumberland (233 Mgal/d), French Broad-Holston River Basin (127 Mgal/d), Upper Tennessee (71.0 Mgal/d), and the Middle Tennessee-Hiwassee River Basins (70.9 Mgal/d). Other river basins in Tennessee provided about 88 Mgal/d of the municipal water supplies in 2005.

The sources of water used for public water supplies in Tennessee are directly related to the diversity of the physiographic and hydrologic regions across the State. Surface water is the primary source for water systems in Middle and East Tennessee. In West Tennessee, groundwater is the primary source for public water supply systems. The Tertiary sand aquifers supply about 73 percent of the State's potable groundwater withdrawals.

Historical data available for public water use in Tennessee from 1950 to 2005 indicate that surface-water and ground-water withdrawals have increased significantly. During this period, surface water provided most of the public water supplies in Tennessee. Within the last 5 years, surface-water withdrawals have increased more than groundwater withdrawals. Since 1988, the number of public water-supply systems distributing water supplies for the State has declined; however, the number of systems distributing only groundwater supplies has increased during the same time period.

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Supplement A—Public water-supply systems and associated water use in the Tennessee hydrologic region

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.

[PWSID, Public water-supply system identification number; Mgal/d, million gallons per day; gal/d, gallons per day; IM, issue with meters; UB, Utility Board; Co., County; UD, Utility District; –, not applicable; WD, Water District; DPW, Department of Public Works; WS, Water System; SS, Services System; WC, Water Cooperative; UC, Utility Commission; BU, Board of Utilities; PWD, Power and Water Department; BPU, Board of Public Utilities; WSC, Water and Sewer Commission; POA, Property Owner's Association; principal aquifer: 1; Alluvial; 2, Tertiary sand; 3, Cretaceous sand; 4, Pennsylvanian sandstone; 5, Mississippian carbonate; 6, Ordovician carbonate rock; 8, Cambrian-Ordovician carbonate; 9, crystalline rock; Gross water use = (withdrawal + purchased) – water sold; Gross per capita = (gross water use/population served) x 1,000,000]

County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
					Anderson County					
120 Clinton Utilities Board	Clinch River	–	2.07			2.07	14,298	145	4.2	3.4
		–	–	–	–	–	–	–	–	
383 Lake City Water Department	North Anderson Co. UD (seller)	–	–	0.259		0.259	2,147	121	0.75	–
		–	–	–	–	–	–	–	–	–
513 Norris Water Commission	Clear Creek Spring	8	0.277			0.163	1,801	91	0.75	0.432
	Anderson Co. UB (buyer)	–	–	–	0.114	–	–	–	–	–
		–	–	–	–	–	–	–	–	–
514 North Anderson County Utility District	Anderson Co. UB (seller)	–	–	0.124	–	1.37	10,779	127	1.78	2
	Clinch River	–	1.52	–	–	–	–	–	–	–
	Lake City Water Department (buyer)	–	–	–	0.259	–	–	–	–	–
	Caryville-Jackson UD (buyer)	–	–	–	0.015	–	–	–	–	–
		–	–	–	–	–	–	–	–	–
522 Oak Ridge Department of Public Works	Clinch River	–	10.2	–	–	10.2	29,315	347	11	28
		–	–	–	–	–	–	–	–	–
768 Anderson County Utility Board	Clinch River	–	1.13		–	0.622	9,641	64	2.06	2
	Norris Water Commission (seller)	–	–	0.114	–	–	–	–	–	–
	Oliver Spring Water Board (seller)	–	–	0.116	–	–	–	–	–	–
	North Anderson Co. UD (buyer)	–	–	–	0.124	–	–	–	–	–
	Oliver Springs Water Board (buyer)	–	–	–	0.612	–	–	–	–	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Bedford County										
044 Bell Buckle Water System	Bedford Co. UD (seller)	–	–	0.05	–	0.255	1,865	137	0.594	–
	Wartrace WS (seller)	–	–	0.205	–	–	–	–	–	–
		–	–		–	–	–	–	–	–
517 Bedford County Utility District	Tullahoma Board of Utilities (seller)	–	–	0.036	–	1.48	15,729	94	3.33	4.25
	Bell Buckle WS (buyer)	–	–		0.05	–	–	–	–	–
	Duck River	–	1.495	–	–	–	–	–	–	–
		–	–	–	–	–	–	–	–	–
628 Shelbyville Water System	Duck River	–	4.021			3.85	21,932	175	10	9.36
	Flat Creek Cooperative (buyer)	–	–	–	0.173	–	–	–	–	–
		–	–	–	–	–	–	–	–	–
629 Flat Creek Cooperative	Tullahoma Board of Utilities (seller)	–	–	0.001	–	0.174	2,101	83	0.3	–
	Shelbyville WS (seller)	–	–	0.173	–					
		–	–	–	–					
730 Wartrace Water System	Spring	6	0.835	–	–	0.63	2,480	254	1.15	–
	Bell Buckle WS (buyer)	–	–	–	0.205	–	–	–	–	–
		–	–	–	–	–	–	–	–	–
8115 Jarrell Mobile Home Park	Well	6	0.002	–	–	0.002	–	–	–	–
Benton County										
051 Big Sandy Water Department	Wells	3	0.082	–	–	0.082	941	88	0.15	0.173

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

[PWSID, Public water-supply system identification number; Mgal/d, million gallons per day; gal/d, gallons per day; IM, issue with meters; UB, Utility Board; Co., County; UD, Utility District; –, not applicable; WD, Water District; DPW, Department of Public Works; WS, Water System; SS, Services System; WC, Water Cooperative; UC, Utility Commission; BU, Board of Utilities; PWD, Power and Water Department; BPU, Board of Public Utilities; WSC, Water and Sewer Commission; POA, Property Owner's Association; principal aquifer: 1; Alluvial; 2, Tertiary sand; 3, Cretaceous sand; 4, Pennsylvanian sandstone; 5, Mississippian carbonate; 6, Ordovician carbonate rock; 8, Cambrian-Ordovician carbonate; 9, crystalline rock; Gross water use = (withdrawal + purchased) – water sold; Gross per capita = (gross water use/population served) x 1,000,000]

County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Benton County—Continued						
055 Harbor Utility District	3 wells	3	0.052	–	–	0.052	521	101	–	0.072
090 Camden Water Department	Tennessee River	–	1.33	–	–	1.33	9,601	139	2.85	1.8
		–	–	–	–	–	–	–	–	–
950 Dry Branch Water System	Well #2	3	0.004	–	–	0.004	52	71	–	–
				Bledsoe County						
551 Pikeville Water System	Wells	8	0.494			0.494	3,168	156	1.65	0.467
				Blount County						
007 Alcoa Water System	Little River	–	8.155	–	–	7.62	23,452	325	13	24.3
	Tuckaleechee Utility District (buyer)	–	–	–	0.477	–	–	–	–	–
	Knox-Chapman Utility District (buyer)	–	–	–	0.056	–	–	–	–	–
249 Friendsville Water Works	Tellico Area SS (seller)	–	–	0.085	–	0.313	3,915	80	0.88	–
	South Blount UD (seller)	–	–	0.228	–	–	–	–	–	–
		–	–							
438 Maryville Department of Water Quality and Control	Little River	–	4.1	–	–	4.1	34,064	120	7.2	6.05
643 South Blount Utility District	Tellico Area SS (seller)	–	–	3	–	2.28	30,725	74	7.5	8.6

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

[PWSID, Public water-supply system identification number; Mgal/d, million gallons per day; gal/d, gallons per day; IM, issue with meters; UB, Utility Board; Co., County; UD, Utility District; –, not applicable; WD, Water District; DPW, Department of Public Works; WS, Water System; SS, Services System; WC, Water Cooperative; UC, Utility Commission; BU, Board of Utilities; PWD, Power and Water Department; BPU, Board of Public Utilities; WSC, Water and Sewer Commission; POA, Property Owner's Association; principal aquifer: 1; Alluvial; 2, Tertiary sand; 3, Cretaceous sand; 4, Pennsylvanian sandstone; 5, Mississippian carbonate; 6, Ordovician carbonate rock; 8, Cambrian-Ordovician carbonate; 9, crystalline rock; Gross water use = (withdrawal + purchased) – water sold; Gross per capita = (gross water use/population served) x 1,000,000]

County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Blount County—Continued						
	Friendsville Water Works (buyer)	–	–	–	0.228	–	–	–	–	–
	Camelia Trace Apartments (buyer)	–	–	–	0.817	–	–	–	–	–
	Tellico Area Services System (seller)	–	–	0.323	–	–	–	–	–	–
805 Bays Mountain Mobile Home Park	Spring	8	0.008	–	–	0.008	87	92	0.007	0.01
954 Colonial Harbor Water System	Well	8	0.002			0.002	34	69	0.004	–
714 Tuckaleechee Utility District	Knox-Chapman UD (buyer)	–	–	–	0.068	0.427	9,115	47	5.03	–
	Alcoa WS (seller)	–	–	0.477	–	–	–	–	–	–
	Knox-Chapman UD (seller)	–	–	0.018	–	–	–	–	–	–
974 Allendale Drive Mobile Home Park	Well	8	0.004	–	–	0.004	85	42	0.000	–
8003 Country Acres Farm	Well	8	0.007	–	–	0.007	107	70	0.002	–
8219 Camelia Trace Apartments	South Blount UD (seller)	–		0.817	–	0.817	535	1,527	–	–
				Bradley County						
117 Cleveland Utilities	Savannah Valley (seller)	–	–	0.024	–	10.3	69,770	147	12	7
	Eastside Utility District (seller)	–	–	0.615	–	–	–	–	–	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

[PWSID, Public water-supply system identification number; Mgal/d, million gallons per day; gal/d, gallons per day; IM, issue with meters; UB, Utility Board; Co., County; UD, Utility District; –, not applicable; WD, Water District; DPW, Department of Public Works; WS, Water System; SS, Services System; WC, Water Cooperative; UC, Utility Commission; BU, Board of Utilities; PWD, Power and Water Department; BPU, Board of Public Utilities; WSC, Water and Sewer Commission; POA, Property Owner's Association; principal aquifer: 1; Alluvial; 2, Tertiary sand; 3, Cretaceous sand; 4, Pennsylvanian sandstone; 5, Mississippian carbonate; 6, Ordovician carbonate rock; 8, Cambrian-Ordovician carbonate; 9, crystalline rock; Gross water use = (withdrawal + purchased) – water sold; Gross per capita = (gross water use/population served) x 1,000,000]

County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Bradley County—Continued						
	Waterville Spring	8	1.14			–	–	–	–	–
	Hiwassee UC (seller)	–		2.2		–	–	–	–	–
	Hiwassee River	–	6.45			–	–	–	–	–
	Cleveland UD @ WW (buyer)	–	–	–	0.176	–	–	–	–	–
525 Ocoee Utility District	Benton Water Supply (seller)	–	–	0.07	–	1.72	14,030	122	2.9	2.25
	Eastside Utility District (seller)	–	–	0.063	–	–	–	–	–	–
	Cleveland UD @ WW (seller)	–	–	0.176	–	–	–	–	–	–
	Carpenter Spring	8	0.694	–	–	–	–	–	–	–
	Wildwood Spring	8	0.714	–	–	–	–	–	–	–
831 Hiwassee Utility Commission	Hiwassee River	–	3.73	–	–	0.443	97	–	1.75	7.5
	Cleveland UD (buyer)	–	–	–	2.2	–	–	–	–	–
	Calhoun-Charleston Utility District (buyer)	–	–	–	0.212	–	–	–	–	–
	Athens Utilities Board (buyer)	–	–	–	0.628	–	–	–	–	–
	Niota Water System (buyer)	–	–	–	0.03	–	–	–	–	–
	Riceville Utility District (buyer)	–	–	–	0.212	–	–	–	–	–
				Campbell County						
322 Caryville-Jacksboro Utility District	North Anderson Co. UD (seller)	–	–	0.015		1.01	9,252	109	2.17	1.87
	Cove Lake	–	0.402	–	–	–	–	–	–	–
	Cave Spring	8	0.591	–	–	–	–	–	–	–
374 La Follette Water Department	Norris Lake	–	1.86	–	–	1.86	21,748	85	4.47	5.00

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Campbell County—Continued										
912 Deerfield Resort Water System	Well 2 Deerlake	8	0.002	–	–	0.04	910	44	–	–
	Well 5 Big Pine	8	0.004	–	–	–	–	–	–	–
	Well 4 Skyline	8	0.004	–	–	–	–	–	–	–
	Well 9 Hilty	8	0.006	–	–	–	–	–	–	–
	Well 1 A&B Cond	8	0.001	–	–	–	–	–	–	–
	Well 8 Bambi	8	0.003	–	–	–	–	–	–	–
	Well 6 Res/Off/	8	0.006	–	–	–	–	–	–	–
	Well 3 Air Strp	8	0.003	–	–	–	–	–	–	–
	Well 10 Deer Hill	8	0.005	–	–	–	–	–	–	–
	Well 7 Deerwood	8	0.006	–	–	–	–	–	–	–
Carroll County										
081 Bruceton Water System	Clearwell	3	0.217	–	–	0.217	1,710	127	0.65	0.756
115 Clarksburg Utility District	Clearwell	3	0.013	–	–	0.013	1,345	9	0.405	0.432
310 Hollow Rock Water Department	Plant #1	3	0.121	–	–	0.121	919	131	0.2	0.54
Carter County										
094 First Utility District of Carter County	Treatment plant/Wells	8	1.9	–	–	1.9	6,951	274	2.73	1.49
221 Elizabethton Water Department	Valley Forge Spring	8	1.25	–	–	5.5	24,910	221	7.73	6.56
	Big Spring	8	1.38	–	–	–	–	–	–	–
	Hampton Spring	8	3.07	–	–	–	–	–	–	–
	N. Elizabethton WC (buyer)	–	–	–	0.149	–	–	–	–	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Carter County—Continued						
	Siam Utility District (buyer)	–	–	–	0.005	–	–	–	–	–
	Chinquapin Grove Utility District (buyer)	–	–	–	0.042	–	–	–	–	–
223 North Elizabethton Water Cooperative	Elizabethton WD (seller)	–	–	0.149	–	0.149	1,559	96	0.1	0.144
282 Hampton Utility District	Spring	8	0.884	–	–	0.446	3,480	128	0.802	1.5
	S. Elizabethton UD (buyer)	–	–	–	0.438	–	–	–	–	–
584 Roan Mountain Utility District	Treatment plant/wells	9	0.126	–	–	0.126	832	151	0.309	0.691
633 Siam Utility District	Elizabethton WD (seller)	–	–	0.005	–	0.243	2,432	100	0.2	0.288
	Wells	8	0.238	–	–	–	–	–	–	–
646 South Elizabethton Utility District	Hampton UD (seller)	–	–	0.438	–	0.438	5,107	86	0.45	–
802 Peters' Hollow Water System	Well	8	0.011	–	–	0.011	143	76	0.015	0.003
				Claiborne County						
022 Arthur-Shawnee Utility District	Powell River	–	1.18	–	–	1.18	7,308	162	1.6	1.73
113 Claiborne County Utility District	Norris Lake	–	1.61	–	–	1.64	13,323	123	2.3	2.5
	Hallsdale Powell Utility District (seller)	–	–	0.035	–	–	–	–	–	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Claiborne County—Continued						
161 Cumberland Gap Water Services	Lincoln Memorial University (seller)	–	–	0.061	–	0.061	360	169	–	–
290 Lincoln Memorial University	Cudjo cavern spring	8	0.097	–	–	0.036	800	45	0.5	0.324
	Cumberland Gap WS (buyer)	–	–	–	0.061	–	–	–	–	–
920 Indian Creek Trailer Park	Well	8	0.006	–	–	0.006	89	69	–	–
				Cocke County						
500 Newport Utilities Board	Clearwell	–	3.96	–	–	3.88	23,269	167	5.99	5.8
	Webb Creek Utility District (buyer)	–	–	–	0.084	–	–	–	–	–
				Coffee County						
429 Manchester Water Department	Duck River UC (seller)	–	–	2.21	–	1.61	13,978	115	2.85	–
	Hillsville UD (buyer)	–	–		0.606					
430 Hillsville Utility District	Manchester WD (seller)	–	–	0.606	–	0.606	7,783	78	0.9	–
715 Tullahoma Board of Utilities	Duck River UC (seller)	–	–	2.81		2.75	23,595	116	4	0.009
	Bedford County UD (buyer)	–	–	–	0.036	–	–	–	–	–
	Flat Creek Cooperative (buyer)	–	–	–	0.001	–	–	–	–	–
	Lynchburg Water Department (buyer)	–	–	–	0.022	–	–	–	–	–
821 Duck River Utility Commission	Duck River, Normandy Reservoir	–	5.08	–	–	0.061	25	2,457	0	10
	Manchester Water Department (buyer)	–	–	–	2.21	–	–	–	–	–
	Tullahoma Board of Utilities (buyer)	–	–	–	2.81	–	–	–	–	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Cumberland County						
147 Crab Orchard Utility District	Otter Creek impoundment	–	1.55	–	–	1.55	14,646	106	2.25	3.02
		–		–	–					
150 Crossville WD*	Holliday Hills Lake	–	1.3	–	–	2.58	15,938	162	5.68	7.5
	Meadow Park Lake	–	2.58	–	–	–	–	–	–	–
	Catoosa UD* (buyer)	–	–	–	0.669	–	–	–	–	–
	South Cumberland UD (buyer)	–	–	–	0.546	–	–	–	–	–
	Grandview Utility District (buyer)	–	–	–	0.083	–	–	–	–	–
158 Catoosa Utility District	Crossville WD* (seller)	–	–	0.669	–	0.669	7,705	87	–	–
159 South Cumberland Utility District	Crossville WD (seller)	–	–	0.546	–	0.546	7,705	–	1.32	–
848 Cumberland Mountain Retreat	well a, Sevier	4	0.001	–	–	0.061	–	–	0.001	–
	well b, Tabor	4	0.06	–	–	–	–	–	–	–
				Decatur County						
186 Decaturville Water System	Clearwell	6	0.2	–	–	0.138	2,026	68	0.5	0.223
	Scotts Hill Water System (buyer)	–		–	0.061	–	–	–	–	–
541 Parsons Water Department	Clearwell	–	0.748	–		0.572	3,889	147	1	1.44
	Perryville Utility District (buyer)	–	–	–	0.176	–	–	–	–	–
543 Perryville Utility District	Parsons WD (seller)	–	–	0.176	–	0.176	2,443	72	0.150	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Decatur County—Continued										
679 Woodlawn Shores Waterworks	Water plat/wells	3	0.002	–	–	0.002	136	12	0.013	0.029
883 North Utility District of Decatur/ Benton Company	Tennessee River	–	0.229	–	–	0.229	2,685	85	0.4	0.684
Dickson County										
191 Dickson Water Authority	West Piney River	–	1.2	–	–	4.6	34,255	134	4.85	2.07
	Turnbull UD* (seller)	–		1.58	–	–	–	–	–	–
	Cumberland River	–	2.13			–	–	–	–	–
	Sylvia-Tenn. City-Pond Utility District (buyer)	–	–	–	0.303	–	–	–	–	–
	River Road Utility District* (buyer)	–	–	–	0.003	–	–	–	–	–
691 Sylvia-Tenn. City-Pond Utility District	Dickson WD (seller)	–	–	0.303	–	0.303	5,097	60	1.6	–
Franklin County										
046 Belvidere Rural Utility District	Wells	5	0.237	–	–	0.237	1,227	193	0.432	0.806
101 Center Grove-Winchester Springs	Cleek Spring	–	0.537	–	–	0.537	5,366	100	0.5	1.3
146 Cowan Board of Public Utilities	Spring	5	0.198		–	0.198	2,083	95	0.25	0.504
187 Decherd Water Department	Winchester WS (seller)	5	0.936	–	–	1	3,677	273	0.7	2
	2 wells	–	–	0.068	–	–	–	–	–	–

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Franklin County—Continued						
232 Estill Springs Water Department	Spring	5	0.377	–	–	0.377	3,738	101	0.875	1
317 Huntland Water System	2 wells	5	0.184	–	–	0.184	1,594	115	0.475	0.403
623 Sewanee Utility District	Lake O'Donnell		0.294	–	–	0.294	4,708	62	0.643	0.691
754 Winchester Water System	Elk River (Tims Ford Reservoir)		2.57	–	–	2.5	18,250	137	2.55	6
	Decherd WD (buyer)			–	0.068	–	–	–	–	–
				Giles County						
018 Ardmore Water System	Well (Alabama)	5	0.032	–	–	0.158	1,445	110	0.375	0.331
	Well (Tennessee)	5	0.15	–	–	–	–	–	–	–
	Well (Alabama)	5	0.177	–	–	–	–	–	–	–
	Lincoln County Board of Public Utilities #1 (buyer)	–	–	–	0.2					
419 Lynnville Water Department	Fairview UD (seller)	–	–	0.124	–	0.124	803	155	0.075	–
469 Minor Hill Water Utility District	Limestone Co. Water Authority, Alabama (seller)	–	–	0.251	–	0.659	4,942	133	0.7	–
	Pulaski WS (seller)	–	–	0.408	–	–	–	–	–	–
562 Pulaski Water System	Richland Creek	–	2.74	–	–	1.54	10,729	144	6.63	7.2
	Minor Hill Water UD (buyer)	–	–	–	0.408	–	–	–	–	–
	Tarpley Shop UD (buyer)	–	–	–	0.258	–	–	–	–	–

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Giles County—Continued										
	Fairview Utility District (buyer)	–	–	–	0.532	–	–	–	–	–
563 Fairview Utility District	Pulaski WS (seller)	–	–	0.532		0.407	3,564	114	0.4	–
	Lynnville Water Department (buyer)	–	–	–	0.124	–	–	–	–	–
566 Tarpley Shop Utility District	Pulaski WS (seller)	–	–	0.258	–	0.286	2,453	117	0.4	–
	South Giles UD (seller)	–	–	0.028	–	–	–	–	–	–
649 South Giles Utility District	Tarpley Shop (buyer)	–	–	–	0.028	0.231	3,448	67	0.25	–
	Limestone Co. Water Authority, Alabama (seller)	–	–	0.26	–	–	–	–	–	–
Grainger County										
041 Bean Station Utility District	Morristown WD (seller)	–	–	0.661	–	0.483	5,791	83	1.25	–
	Rutledge Water System (buyer)	–	–	–	0.139	–	–	–	–	–
	Mooresburg Utility District (buyer)	–	–	–	0.039	–	–	–	–	–
600 Rutledge Water System	Bean Station UD (seller)	–	–	0.139	–	0.139	1,376	101	0.4	–
8036 Holston River Bend Utility District	well	8	0.393	–	–	0.393	104	3,778	–	–
Greene County										
108 Chuckey Utility District	Glen Hills UD (seller)	–	–	0.006	–	0.721	9,223	78	1.2	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
					Greene County—Continued					
	Jonesboro UD (seller)	–	–	0.017	–	–	–	–	–	–
	Greenville UD (seller)	–	–	0.697	–	–	–	–	–	–
149 Cross Anchor Utility District	Greeneville Water and Light Commission (seller)	–	–	0.655	–	0.655	6,988	94	0.8	0.8
266 Glen Hills Utility District	Greeneville UD (seller)	–	–	1.18	–	1.17	12,626	93	–	1
	Chuckey Utility District (buyer)	–	–	–	0.006	–	–	–	–	–
273 Greeneville Water & Light Commission	Nolichucky River	–	7.85	–	–	6.51	23,015	283	6.4	16
	Chuckey Utility District (buyer)	–	–	–	0.697	–	–	–	–	–
	Cross Anchor Utility District (buyer)	–	–	–	0.655	–	–	–	–	–
	Glen Hills Utility District (buyer)	–	–	–	1.18	–	–	–	–	–
	Mosheim Utility District (buyer)	–	–	–	0.208	–	–	–	–	–
	Old Knoxville Highway Utility District (seller)	–	–	1.4	–	–	–	–	–	–
274 North Greene Utility District	Lick Creek	–	0.603	–	–	0.603	4,479	135	1.15	0.755
478 Mosheim Utility District	Greeneville Water and Light Commission (seller)	–	–	0.208	–	IM	1,659	–	0.5	–
	Old Knoxville Highway Utility District (buyer)	–	–	–	0.393	–	–	–	–	–
530 Old Knoxville Highway Utility District	Mosheim Utility District (seller)	–	–	0.393	–	IM	7,364	–	1.72	–
	Greeneville Water and Light Commission (buyer)	–	–	–	1.40	–	–	–	–	–

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Grundy County						
470 Monteagle Public Utility Board	Laurel Creek Lake	–	0.433	–	–	0.433	3,157	137	0.5	0.703
706 Tracy City Water System	Big Fiery Gizzard	–	0.47	–	–	0.436	3,617	120	0.978	0.806
	Foster Falls Utility District (buyer)	–	–	–	0.034	–	–	–	–	–
122 Big Creek Utility District	Ranger Creek Impoundment	–	0.867	–	–	0.867	7,798	111	1.49	1.86
				Hamblen County						
014 Alpha-Talbott Utility District	Morristown WS (seller)	–	–	1.37	–	1.37	14,845	92	2	–
474 Morristown Water System	Havely Spring	8	0.363	–	–	5.49	30,877	178	12.1	24
	Holston River, Cherokee Lake	–	8.67	–	–	–	–	–	–	–
	Bean Station Utility District (buyer)	–	–	–	0.661	–	–	–	–	–
	Alpha-Talbott Utility District (buyer)	–	–	–	1.37	–	–	–	–	–
	Russellville Whitesburg Utility District (buyer)	–	–	–	1.24	–	–	–	–	–
	Witt Utility District (buyer)	–	–	–	0.262	–	–	–	–	–
598 Russellville Whitesburg Utility District	Morristown WD (seller)	–	–	1.24	–	1.24	15,270	81	1.2	–
650 Witt Utility District	Morristown UD (seller)	–	–	0.262	–	0.262	3,554	74	0.235	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
					Hamilton County					
037 Union Fork-Bakewell Utility District	3 wells	8	0.372	–	–	0.372	3,386	110	0.3	0.605
107 Tenn.-American Water Company	Tennessee River	–	41.6	–	–	40.7	171,351	237	20.4	45
	Signal Mountain Water System (buyer)	–	–	–	0.904	–	–	–	–	–
168 Mowbray Mountain Utility District	Soddy Daisy UD (seller)	–	–	0.336	–	0.336	3,133	107	0.5	0.461
169 Soddy Daisy Falling Water Utility District	Soddy Creek	–	1.95	–	–	1.61	9,954	162	2.1	5.97
	Mowbray Mountain Utility District (buyer)	–	–	–	0.336	–	–	–	–	–
219 Eastside Utility District	Tennessee River	–	8.15	–	–	7.47	39,242	190	5.03	16
	Cleveland Utilities (buyer)	–	–	–	0.615	–	–	–	–	–
	Ocoee Utility District (buyer)	–	–	–	0.063	–	–	–	–	–
303 Hixson Utility District	Walker wells	8	2.05	–	–	6.54	56,522	116	11.4	9.22
	Cave Spring wells	8	4.49	–	–	–	–	–	–	–
605 Sale Creek Utility District	3 wells	8	0.208	–	–	0.208	1,542	135	0.4	0.369

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Hamilton County—Continued						
613 Savannah Valley Utility District	Carson Spring well #4	8	1.01	–	–	2.04	15,142	134	3.64	1.66
	Cleveland Utilities (buyer)	–	–	–	0.024	–	–	–	–	–
	Smith Road Plant	8	1.05	–	–	–	–	–	–	–
634 Signal Mountain Water System	Tennessee-American Water Company (seller)	–	–	0.904	–	0.904	7,618	119	2.75	–
635 Walden Ridge Utility District	3 wells	8	0.792	–	–	0.792	6,403	124	1.95	2.1
				Hancock County						
640 Sneedville Utility District	Brier Creek	–	0.165	–	–	0.165	2,032	81	0.475	0.623
	Clinch River	–	0.063	–	–	0.063	–	–	–	–
				Hardin County						
546 First Utility District of Hardin County	Tennessee River	–	0.728	–	–	0.728	5,750	127	1.15	1.56
606 Saltillo Utility District	3 wells	3	0.103	–	–	0.103	1,718	60	0.2	0.216
611 Savannah Utility Department	Wells	1	2.26	–	–	2.22	16,928	131	2.58	1.7
	Harbert Hills Academy N.H. (buyer)	–	–	–	0.0004	–	–	–	–	–
	Aqua Utilities Co, Inc. (buyer)	–	–	–	0.046	–	–	–	–	–

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Hardin County—Continued						
923 Harbert Hills Academy N.H.	Wells	3	0.006	–	–	0.006	89	70	–	–
	Savannah Public UD (seller)	–	–	0.0004	–	–	–	–	–	–
948 Aqua Utilities Co, Inc.	Savannah Public UD (seller)	–	–	0.046	–	0.046	571	81	–	–
				Hawkins County						
109 First Utility District of Hawkins County #1	Alexander Creek	–	1.371	–	–	1.63	9,799	167	0.86	2.02
	Hord Creek	–	0.275	–	–	–	–	–	–	–
	Surgoinsville Utility District (buyer)	–	–	–	0.013	–	–	–	–	–
384 Lakemont Water System	Well	8	0.008	–	–	0.008	111	72	–	–
472 Mooresburg Utility District	Pet Greene Spring	8	0.1	–	–	0.139	980	141	0.25	0.173
	Bean Station UD (seller)	–	–	0.039	–	–	–	–	–	–
593 Rogersville Water System	Big Creek	–	1.22	–	–	1.07	8,134	131	1.25	1.92
	Well #2	8	0.02	–	–	–	–	–	–	–
	Well #1	8	0.055	–	–	–	–	–	–	–
	Persia Utility District (buyer)	–	–	–	0.029	–	–	–	–	–
	Lakeview Utility District (buyer)	–	–	–	0.107	–	–	–	–	–
	Striggersville Utility District (buyer)	–	–	–	0.087	–	–	–	–	–

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Hawkins County—Continued										
	Surgoinsville Utility District (buyer)	–	–	–	0.0003	–	–	–	–	–
594 Persia Utility District	Water Plant	8	0.254	–	–	0.283	3,895	73	0.866	0.806
	Rogersville WS (seller)	–	–	0.029	–	–	–	–	–	–
596 Lakeview Utility District	Wells	8	0.124	–	–	0.231	3,478	67	–	–
	Rogersville WS (seller)	–	–	0.107	–	–	–	–	–	–
673 Striggersville Utility District	Rogersville WS (seller)	–	–	0.087	–	0.087	1,210	72	–	–
682 Surgoinsville Utility District	Jennings Spring	8	0.248	–	–	0.393	2,122	185	1.19	0.236
	Rogersville WS (seller)	–	–	0.0003	–	–	–	–	–	–
	First UD of Hawkins Co. #1 (seller)	–	–	0.013	–	–	–	–	–	–
	Jennings Well	8	0.132	–	–	–	–	–	–	–
761 New Canton Utility District	First UD of Hawkins Co. #2 (seller)	–	–	0.031	–	0.031	479	65	–	–
855 First Utility District of Hawkins County #2	Lee Spring	8	0.555	–	–	0.658	6,899	95	0.95	1.56
	Hamilton Spring	8	0.134	–	–	–	–	–	–	–
	New Canton Utility District (buyer)	–	–	–	0.031	–	–	–	–	–

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Hawkins County—Continued										
939 Mid Hawkins County Utility District	Liberty Well	8	0.038	–	–	0.038	583	65	0.105	–
Henderson County										
402 Lexington Water Systems	Beech River, Beech Reservoir	–	2.92	–	–	3.36	22,204	151	1.25	2.59
	Jackson Energy Authority* (seller)	–	–	0.16	–	–	–	–	–	–
	Scotts Hill Water System (seller)	–	–	0.281	–	–	–	–	–	–
609 Sardis Water System	Wells	3	0.07	–	–	0.07	969	72	0.15	0.16
614 Scotts Hill Water System	Water Plant	3	0.328	–	–	0.108	4,048	27	0.404	0.419
	Decaturville WS (seller)	–	–	0.061	–	–	–	–	–	–
	Lexington WS (buyer)	–	–	–	0.281	–	–	–	–	–
Henry County										
536 Paris Board of Public Utilities	Wells	3	2.28	–	–	2.05	11,950	172	2.61	3.6
	South Paris Water Cooperative (buyer)	–	–	–	0.226	–	–	–	–	–
537 South Paris Water Cooperative	Paris BPU (seller)	–	–	0.226	–	0.105	1,918	55	–	–
	Northwest Henry Company Utility District (buyer)	–	–	–	0.121	–	–	–	–	–

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Henry County—Continued										
539 Antioch Water company	Pressure Tank	3	0.32	–	–	0.32	242	1,324	0.002	0.144
540 North East Henry County Utility District	Wells	3	0.36	–	–	0.36	3,793	95	0.9	0.576
568 Puryear Water System	Wells	2	0.142	–	–	0.142	882	161	0.3	0.288
838 Northwest Henry Company Utility District	Paris BPU (seller)	–	–	0.121	–	0.121	1,034	117	0.15	–
933 Country Junction Resort	Wells	2	0.004	–	–	0.004	–	–	0.005	–
5080 Sandy Beach Water System	Kentucky Lake	–	0.003	–	–	0.003	25	140	–	–
Hickman County										
066 Bon Aqua-Lyles Utility District	Piney River	–	0.871	–	–	0.871	8,863	98	1.3	1.3
103 Centerville Water System	Big Swan Creek	–	1.25	–	–	1.25	7,845	159	1.7	2.3
533 Turney Center	Duck River	–	0.268	–	–	0.268	1,470	182	1	0.864
Houston County										
698 Tennessee Ridge Water System	Wells	5	0.202			0.243	3,476	70	0.6	0.331
	Erin WTP*(seller)			0.041						

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Humphreys County						
420 McEwen Water Department	2 wells	5	0.373	–	–	0.373	2,632	142	0.6	1.01
497 New Johnsonville Water Department	Tennessee River	–	0.729	–	–	0.729	2,264	322	0.8	1.44
733 Waverly Water Department	Duck River	–	0.346	–	–	1.42	6,978	203	1.7	2.8
	3 wells	5	1.07	–	–	–	–	–	–	–
958 Wildwood Estates	Well #1	5	0.01			0.01	90	109	–	–
				Jefferson County						
170 Dandridge Water Department	springs and well	8	0.183	–	–	0.704	5,660	124	1.36	–
	Jefferson City WSC (seller)	–	–	0.521	–	–	–	–	–	–
328 Jefferson City Water and Sewer Company	Jarnigan Mine Well	8	3.61	–	–	2.01	7,968	252	3.13	5.07
	Mossey Creek Spring	–	0.273	–	–	–	–	–	–	–
	Dandridge Water Department (buyer)	–	–	–	0.521	–	–	–	–	–
	New Market Utility District (buyer)	–	–	–	0.326	–	–	–	–	–
	Shady Grove Utility District (buyer)	–	–	–	1.03	–	–	–	–	–
329 Baneberry Utility District	Witt UD	8	0.154	–	–	0.154	692	223	0.1	0.144

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Jefferson County—Continued										
499 New Market Utility District	Jefferson City WSC (seller)	–	–	0.326	–	0.326	3,882	84	0.668	–
626 Shady Grove Utility District	Knoxville UB (seller)	–	–	0.607	–	1.64	15,450	106	1.2	–
	Jefferson City WSC (seller)	–	–	1.03	–	–	–	–	–	–
746 White Pine Water System	Well #1	8	0.367	–	–	0.367	2,739	134	1.2	0.7
994 Spring Village MHP	Well #1	8	0.007	–	–	0.007	95	70	0.005	–
Johnson County										
085 Carderview Utility District	Wells	8	0.037	–	–	0.037	733	50	0.08	0.102
479 Mountain City Water Department	Rambo Spring	8	0.288	–	–	1.77	9,593	185	3.1	3.1
	Silver Lake Spring		1.16	–	–	–	–	–	–	–
	Lowe Spring	8	0.349	–	–	–	–	–	–	–
	Dry Run Utility District (buyer)	–	–	–	0.024	–	–	–	–	–
480 Brownlow Utility District	Vaughts Creek	–	0.045	–	–	0.045	463	98	0.052	–
485 Cold Springs Utility District	Leco Spring	8	0.053	–	–	0.053	705	74	0.3	0.778

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Johnson County—Continued						
919 Dry Run Utility District	Mountain City WD (seller)	–	–	0.024	–	0.024	564	42	0.01	–
				Knox County						
280 Hallsdale Powell Utility District	Claiborne Co. UD (buyer)	–	–	–	0.035	7.4	59,876	124	9.98	8.3
	Granny Bright Spring	8	0.283	–	–	–	–	–	–	–
	Beaver Creek/Dry Gap	–	0.441	–	–	–	–	–	–	–
	Fowler Springs	8	0.462	–	–	–	–	–	–	–
	Melton Hill Reservoir	–	6.18	–	–	–	–	–	–	–
366 Knoxville Utility Board #1 Whitaker Plant	Tennessee River	–	35.6	–	–	34.2	190,324	180	27.9	62.5
	Shady Grove Utility District (buyer)	–	–	–	0.607	–	–	–	–	–
	Walker's Crossing Apartments (buyer)	–	–	–	0.343	–	–	–	–	–
	Knox Landing Apartments (buyer)	–	–	–	0.286	–	–	–	–	–
	Cedar Hill Apartments (buyer)	–	–	–	0.146	–	–	–	–	–
367 Knox-Chapman Utility District	French Broad River	–	3.73	–	–	3.58	26,262	136	4.1	3.89
	Alcoa Water System (seller)	–	–	0.056	–	–	–	–	–	–
	Tuckaleechee Utility District (seller)	–	–	0.068	–	–	–	–	–	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
					Knox County—Continued					
	Tuckaleechee Utility District (buyer)	–	–	–	0.018	–	–	–	–	–
369 First Utility District of Knox County	Sinking Creek embayment	–	12.1	–	–	10.3	69,858	147	14.3	21
	Heritage Lake Apartments (buyer)	–	–	–	0.705	–	–	–	–	–
	Lenoir City Utility Board (buyer)	–	–	–	0.981	–	–	–	–	–
	Martel Utility District (buyer)	–	–	–	0.139	–	–	–	–	–
371 West Knox Utility District	Melton Hill/Old	–	0.984	–	–	5.69	48,120	118	7	12.8
	Melton Hill/New	–	4.71	–	–	–	–	–	–	–
515 Northeast Knox Utility District	Holston River	–	1.89	–	–	1.24	16,651	75	3.36	6.91
	Luttrell-Blaine-Corryton Utility District (buyer)	–	–	–	0.43	–	–	–	–	–
	Maynardville Water Department (buyer)	–	–	–	0.22	–	–	–	–	–
8210 Walker's Crossing Apartments	Knoxville UD (seller)	–	–	0.343	–	0.343	487	705	–	–
8213 Knox Landing Apartments	Knoxville UD (seller)	–	–	0.286	–	0.286	199	1,437	–	–
8214 Cedar Hill Apartments	Knoxville UD (seller)	–	–	0.146	–	0.146	173	845	–	–

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Knox County—Continued						
8221 Heritage Lake Apartments	First UD of Knox Co. (seller)	–	–	0.705	–	0.705	613	1,150	–	–
				Lawrence County						
239 Fall River Road Utility District	Lawrenceburg WS (seller)	–	–	0.193	–	0.193	2,322	83	0.325	–
320 Iron City Utility District	City Spring	5	0.252	–	–	0.308	655	471	0.15	0.086
	St. Joseph WS (seller)	–	–	0.056	–	–	–	–	–	–
389 Northeast Lawrence Utility District	Lawrenceburg WS (seller)	–	–	0.111	–	0.111	1,178	94	–	–
391 New Prospect Utility District	Lawrenceburg WS (seller)	–	–	0.151	–	0.151	1,876	81	0.1	–
392 Lawrenceburg Water System	Hope Spring	5	0.626	–	–	2.37	16,876	140	5.58	8
	Shoal Creek	–	2.2	–	–	–	–	–	–	–
	Fall River Road Utility District (buyer)	–	–	–	0.193	–	–	–	–	–
	Northeast Lawrence Utility District (buyer)	–	–	–	0.111	–	–	–	–	–
	New Prospect Utility District (buyer)	–	–	–	0.151	–	–	–	–	–
399 Leoma Utility District	Big Oak Well	5	0.279	–	–	0.279	2,995	93	0.3	0.54
408 Loretto Water Department	Leoma	5	0.915	–	–	0.796	3,482	228	0.7	0.864

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Lawrence County—Continued										
	West Point Utility District (buyer)	–	–	–	0.12	–	–	–	–	–
604 St. Joseph Water System	Spring	5	0.173	–	–	0.117	1,303	90	0.3	0.252
	Iron City Utility District (buyer)	–	–	–	0.056	–	–	–	–	–
676 Summertown Water System	Wells	5	0.245	–	–	0.245	3,144	78	0.4	0.36
740 West Point Utility District	Loretto WD (seller)	–	–	0.12	–	0.12	271	442	–	–
Lewis County										
304 Hohenwald Water System	Hurst Avenue Well 3	5	0.677	–	–	1.52	8,920	170	1.28	2.74
	Swan Avenue well	–	0.167	–	–	–	–	–	–	–
	Smith Avenue well	–	0.675	–	–	–	–	–	–	–
678 The Farm Water System	Head of Road Well	5	0.0001	–	–	0.021	170	125	0.04	0.086
	Laundry Well	5	0.021	–	–	–	–	–	–	–
Lincoln County										
242 Fayetteville Water System	Elk River	–	1.5	–	–	1.63	10,786	151	3.4	5.21
	Teal Hollow Spring	5	0.375	–	–	–	–	–	–	–
	Petersburg Water System (buyer)	–	–	–	0.06	–	–	–	–	–
	Lincoln County Board of Public Utilities #1 (buyer)	–	–	–	0.007	–	–	–	–	–

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Lincoln County—Continued						
	Lincoln County Board of Public Utilities #2	–	–	–	0.063	–	–	–	–	–
	884 Lincoln County Board of Public Utilities #2	–	–	–	0.12	–	–	–	–	–
544 Petersburg Water System	Fayetteville WS (seller)	–	–	0.06	–	0.06	879	68	0.25	–
764 Lincoln County Board of Public Utilities #1	Fayetteville WS (seller)	–	–	0.007	–	2.11	16,643	127	3.65	2.15
	Elora Wells	5	0.171	–	–	–	–	–	–	–
	Ardmore Water System (seller)	–	–	0.2	–	–	–	–	–	–
	Flintville wells	5	0.621	–	–	–	–	–	–	–
	Taft wells	5	1.12	–	–	–	–	–	–	–
884 Lincoln County Board of Public Utilities #2	Fayetteville WS (seller)	–	–	0.063	–	0.183	–	–	0.484	–
	Fayetteville WS (seller)	–	–	0.12	–	–	–	–	–	–
				Loudon County						
396 Lenoir City Utility Board	Tennessee River	–	1.21	–	–	2.52	17,780	142	3.38	3.01
	Allen Fine Spring	8	0.327	–	–	–	–	–	–	–
	First UD of Knox Co. (seller)	–	–	0.981	–	–	–	–	–	–

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Loudon County—Continued										
409 Loudon Utilities Board	Tennessee River	–	7.96	–	–	8.17	10,781	758	7.84	12
	Piney Spring	8	0.29							
	Tellico Village Property Owner's Association (buyer)	–	–	–	0.08	–	–	–	–	–
434 Martel Utility District	First UD of Knox Co. (seller)	–	–	0.139	–	0.139	3,502	40	0.2	–
871 Tellico Village Property Owner's Association	Tellico Area SS (seller)	–	–	0.597	–	1.27	6,294	202	0.5	–
	Loudon UB (seller)	–	–	0.08	–	–	–	–	–	–
971 Creekside Mobile Home Subdivision	Wells	8	0.003	–	–	0.003	48	69	–	–
Marion County										
278 Griffith Creek Utility District	Big Creek UD* (seller)	–	–	0.079	–	0.079	1,175	67	0.1	0.18
325 Jasper Water Department	Blue Spring	8	1.42	–	–	1.89	8,617	219	2.5	1.69
	Sequatchie River	–	0.472	–	–	–	–	–	–	–
535 Orme Water System	2 springs	8	0.022	–	–	0.022	87	257	0.017	0.075
651 South Pittsburg Water System	Tennessee River	–	1.02	–	–	1.02	6,374	159	2.51	1.87

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Marion County—Continued										
749 Whitwell Water Department	Sequatchie River	–	0.802	–	–	0.802	6,758	119	0.87	1.21
909 Suck Creek Utility District	well #2	4	0.03	–	–	0.109	515	211	0.1	0.108
	well #1	1	0.035	–	–	–	–	–	–	–
	Lone Oak UD (seller)	–	–	0.043	–	–	–	–	–	–
924 River Landing Development	Well	8	0.003	–	–	0.003	52	61	0.000	–
8049 Foster Falls Utility District	Tracy City WS (seller)	–	–	0.034	–	0.034	605	56	0.208	0.36
Marshall County										
104 Chapel Hill Water System	Marshall County Board of Public Utilities #1 (buyer)	–	–	–	0.06	0.252	1,541	164	0.3	0.28
	Town Well	5	0.157	–	–	–	–	–	–	–
	Marshall County Board of Public Utilities #1 (seller)	–	–	0.035	–	–	–	–	–	–
105 Marshall County Board of Public Utilities #1	Cornersville (seller)	–	–	0.001	–	0.563	6,292	90	0.686	–
	Chapel Hill Water System (buyer)	–	–	–	0.035	–	–	–	–	–
	Lewisburg WS (seller)	–	–	0.537	–	–	–	–	–	–
	Chapel Hill Water System (seller)	–	–	0.06	–	–	–	–	–	–

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Marshall County—Continued										
139 Cornersville Water Department	Lewisburg WS (seller)	–	–	0.133	–	0.132	1,175	112	0.5	–
	Marshall County Board of Public Utilities #1 (buyer)	–	–	–	0.001	–	–	–	–	–
400 Lewisburg Water System	Duck River	–	2.51	–	–	1.84	13,640	135	5.3	4
	Marshall County Board of Public Utilities #1 (buyer)	–	–	–	0.537	–	–	–	–	–
	Cornersville Water Department (buyer)	–	–	–	0.133	–	–	–	–	–
Maury County										
128 Columbia Water System	Duck River	–	9.24	–	–	8.05	49,090	164	13.9	20
	Maury County Water System (buyer)	–	–	–	1.19	–	–	–	–	–
488 Mount Pleasant Water System #1	springs	5	1.07	–	–	1.07	6,339	168	1.37	1.3
667 Spring Hill Water Department	Duck River	–	2.12	–	–	1.78	18,718	95	2.94	4
	Maury County Water System (buyer)	–	–	–	0.339	–	–	–	–	–
	HB & TS Utility District (buyer)	–	–	–	0.395	–	–	–	–	–
770 Maury County Water System	Spring Hill WD (seller)	–	–	0.339	–	1.53	15,070	101	2.2	–
	Columbia WD (seller)	–	–	1.19	–	–	–	–	–	–

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				McMinn County						
024 Athens Utilities Board	Hiwassee UC (seller)	–	–	0.628	–	3.17	17,856	177	4.5	4.15
	Wells #4, #7, #12	8	0.981	–	–	–	–	–	–	–
	Springs #1, #2	8	1.56	–	–	–	–	–	–	–
106 Calhoun-Charleston Utility District	Hiwassee UC (seller)	–	–	0.212	–	0.212	2,212	96	0.46	–
224 Englewood Water Department	Etowah Utilities (seller)	–	–	0.119	–	0.382	3,302	116	1.2	0.576
	Middle Creek	–	0.263	–	–	–	–	–	–	–
233 Etowah Utilities	Hiwassee River	–	2.95	–	–	2.69	9,778	275	9.57	5.5
	Englewood Water Department (buyer)	–	–	–	0.119	–	–	–	–	–
	Hiwassee Water Cooperative (buyer)	–	–	–	0.139	–	–	–	–	–
510 Niota Water System	Hiwassee UC (seller)	–	–	0.03	–	0.03	2,521	12	0.55	–
576 Riceville Utility District	Hiwassee UC (seller)	–	–	0.212	–	0.212	2,724	78	0.33	–
4896 Advent Home Water System	Well #2	8	0.005	–	–	0.005	65	72	0.33	–
				McNairy County						
002 Adamsville Water System	Wells	3	0.807	–	–	0.807	7,490	108	0.675	1.15

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					McNairy County—Continued					
454 Michie Water Department	wells	3	0.241	–	–	0.241	2,415	100	0.4	0.478
					Meigs County					
183 Decatur Water Department	Eaves Spring	–	0.701	–	–	0.701	4,870	144	1	1
					Monroe County					
425 Madisonville Water Department	Tellico Area SS (seller)	–	–	1.04	–	1.04	10,660	98	2.5	–
426 Hiwassee College Water System	Hiwassee Spring	8	0.156	–	–	0.156	450	–	0.14	0.165
687 Sweetwater Utility Board	Sweetwater Creek	–	1.26	–	–	1.26	10,520	119	3.2	3.32
693 Tellico Plains Water Department	8 wells	8	0.63	–	–	0.63	5,232	120	0.734	1.4
726 Tellico Area Services System	Little Tennessee River	–	2.84	–	–	IM	7,920	–	6	7
	South Blount UD (buyer)	–	–	–	0.323	–	–	–	–	–
	Friendsville Water Works (buyer)	–	–	–	0.085	–	–	–	–	–
	South Blount UD (buyer)	–	–	–	3	–	–	–	–	–
	Tellico Village Proerty Owner's Association (buyer)	–	–	–	0.597	–	–	–	–	–
	Madisonville Water Department (buyer)	–	–	–	1.04	–	–	–	–	–

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Monroe County—Continued						
936 Laurel Mountain Lakes Water Association	Well #1	8	0.008	–	–	0.008	180	45	0.05	–
				Moore County						
416 Lynchburg Water Department	Tullahoma Board of Utilities (seller)	–	–	0.022	–	0.675	3,842	176	0.55	0.576
	Tims Ford Lake	–	0.166	–	–	–	–	–	–	–
	Mulberry Creek	–	0.488	–	–	–	–	–	–	–
				Morgan County						
520 Brushy Mountain Prison	Lake impoundment	–	0.227	–	–	0.227	800	283	0.7	1.04
729 Plateau Utility District	Crooked Fork Creek	–	1.12	–	–	0.993	4,902	203	2	1.62
	Sunbright Utility District *(buyer)	–	–	–	0.129	–	–	–	–	–
				Perry County						
404 Linden Water Department	Buffalo River	–	0.606	–	–	0.606	4,548	133	0.78	1.29
406 Lobelville Water Department	Buffalo River	–	0.327	–	–	0.327	2,320	141	0.8	0.576
				Polk County						
048 Benton Water System	Well	8	0.338	–	–	0.267	2,399	111	0.6	1.58
	Ocoee Utility District (buyer)	–	–	–	0.07	–	–	–	–	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Polk County—Continued										
049 Hiwassee Water Cooperative	Etowah UD (seller)	–	–	0.139	–	0.139	1,097	127	–	–
136 Copperhill Water Department	Copperhill Springs	8	0.814	–	–	0.814	981	830	0.443	0.727
138 Cherokee Hills Utility District	4 springs	8	0.04	–	–	0.04	295	137	0.08	0.137
844 Copper Basin Utility District	Campbell Cove Lake	–	0.251	–	–	0.251	2,352	107	1.3	0.749
Rhea County										
174 Dayton Water Department	Tennessee River	–	2.51	–	–	2.5	18,147	138	4.92	4.03
	Laurelbrook School (buyer)	–	–	–	0.004	–	–	–	–	–
178 Laurelbrook School	Dayton WD (seller)	–	–	0.004	–	0.033	100	335	0.055	0.086
	Well	4	0.029	–	–	–	–	–	–	–
269 Graysville Water Department	4 wells	4	0.161	–	–	0.161	1,736	93	0.33	0.518
656 Spring City Water System	Piney River, North UD of Rhea	–	0.506	–	–	0.332	2,394	139	0.95	1.66
	North Utility District of Rhea County (buyer)	–	–	–	0.174	–	–	–	–	–
657 Newport Resort Water System	Well	8	0.009	–	–	0.009	118	76	0.01	0.03

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Rhea County—Continued										
663 Yost Trailer Park	Well	8	0.002	–	–	0.002	–	–	–	–
863 Grandview Utility District	Crossville WD* (seller)	–	–	0.083	–	0.083	1,466	57	0.27	–
872 Watts Bar Utility District	2 wells	8	0.72	–	–	0.72	9,001	80	0.833	0.792
970 North Utility District of Rhea County	Spring City WS (seller)	–	–	0.174	–	0.174	1,968	88	0.2	0.288
Roane County										
287 Harriman Utility Board	Emory River	–	2.44	–	–	2.44	12,061	203	2.75	3.2
360 Kingston Water System	Swan Pond Spring	8	0.266	–	–	1.053	8,518	124	2.2	2
	Tennessee River/Watts Bar	–	0.971	–	–	–	–	–	–	–
	Watts Bar Utility District East (buyer)	–	–	–	0.183	–	–	–		
361 Lewands Water System	Wells 1 & 2	8	0.003	–	–	0.003	44	66	–	–
457 Roane Central Utility District	Rockwood WS (seller)	–	–	0.437	–	0.437	3,993	109	0.475	–
523 Oliver springs Water Board	Anderson Co. UB (seller)	–	–	0.612	–	1.31	5,183	253	1.08	0.864
	Bacon Spring	8	0.813	–	–	–	–	–	–	–
	Anderson Co. UB (buyer)	–	–	–	0.116	–	–	–	–	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Roane County—Continued										
531 Cumberland Utility District of Roane County	Little Emory River	–	1.3	–	–	1.11	10,108	110	4.12	2.65
	Sunbright Utility District* (buyer)	–	–	–	0.187	–	–	–	–	–
590 Rockwood Water System	Watts Bar Lake	–	2.41	–	–	1.97	8,852	223	3	5
	Roane Central Utility District (buyer)	–	–	–	0.437	–	–	–	–	–
969 Watts Bar Utility District East	Kingston WS (seller)	–	–	0.183	–	0.183	1,740	105	1.5	–
976 Helton Estate Mobile Home Park	Well	8	0.006	–	–	0.006	82	75	0.003	–
Sequatchie County										
205 Dunlap Water System	Sequatchie River	–	0.748	–	–	0.748	5,645	132	2.35	0.864
927 Cagle-Fredonia Utility District	Big Creek UD* (seller)	–	–	0.129	–	0.129	1,789	72	0.444	–
8228 Lone Oak Utility District	Walden's Ridge	–	–	0.033	–	IM	234	–	0.2	0.162
	Suck Creek Utility District (buyer)	–	–	–	0.043	–	–	–	–	–
Sevier County										
256 Gatlinburg Water Department	Little Pigeon River	–	1.99	–	–	2.23	8,608	259	6.62	1.93
	Pigeon Forge WS (seller)	–	–	0.383	–	–	–	–	–	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Sevier County—Continued										
	Chalet Village North (buyer)	–	–	–	0.139	–	–	–	–	–
261 Webb Creek Utility District	Newport UB (seller)	–	–	0.084	–	0.084	1,505	56	0.368	–
270 Great Smoky Mountains National Park	Well	9	0.017	–	–	0.017	4,700	4	0.2	0.2
548 Pigeon Forge Water Department	Douglas Lake	–	3.71	–	–	3.33	10,622	313	7.44	12
	Gatlinburg Water Department (buyer)	–	–	–	0.383	–	–	–	–	–
617 Sevierville Water System	East Prong Little Pigion River	–	3	–	–	3	23,766	126	3.25	4
618 East Sevier County Utility District	Wells A & B	9	0.16	–	–	0.16	791	203	0.263	–
849 Chalet Village North	Well #1	9	0.025	–	–	0.189	1,332	142	0.1	0.1
	Well #2	9	0.025	–	–	–	–	–	–	–
	Gatlinburg WD (seller)			0.139						
925 Riverside Campground	Well	8	0.057	–	–	0.057	80	713	0.003	–
998 Cove Mountain Mobile Home Parks	2 wells	9	0.007	–	–	0.007	94	71	–	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Sevier County—Continued						
8140 Wears Valley Ranch	Well	9	0.004	–	–	0.004	60	72	0.008	–
				Sullivan County						
056 Bloomingdale Utility District	Reedy Creek	–	1.08	–	–	1.07	11,757	91	1.31	1.84
	Kingsport Water Department (buyer)	–	–	–	0.011	–	–	–	–	–
057 Blountville Utility District	Bristol-Bluff City UD (seller)	–	–	0.361	–	1.04	8,907	117	0.7	–
	Bristol WD (seller)	–	–	0.677	–	–	–	–	–	–
058 Tri-cities/Sullivan Utility District	Bristol-Bluff City UD (seller)	–	–	0.333	–	0.333	3,287	101	0.544	–
061 Bluff City Water Department	Bristol-Bluff City UD (seller)	8	–	0.101	–	0.315	2,282	138	0.3	0.325
	Underwood Spring	9	0.214	–	–	–	–	–	–	–
062 Chinquapin Grove Utility District	Elizabethton WD (seller)	–	–	0.042	–	0.214	2,034	105	–	–
	Wildcat Springs	8	0.171	–	–	–	–	–	–	–
073 Bristol Department Utilities	South Fork Holston River	–	5.52	–	–	4.41	27,857	158	10.2	10.1
	Blountville Utility District (buyer)	–	–	–	0.677	–	–	–	–	–
	Holston Utility District (buyer)	–	–	–	0.147	–	–	–	–	–
	Bristol-Bluff City Utility District (buyer)	–	–	–	0.034	–	–	–	–	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Sullivan County—Continued										
	South Bristol-Weaver Pike Utility District (buyer)	–	–	–	0.196	–	–	–	–	–
	Intermont Utility District (buyer)	–	–	–	0.062	–	–	–	–	–
074 Holston Utility District	South Bristol-Weave (seller)	–	–	0.077	–	0.224	2,351	95	0.212	–
	Bristol WS (seller)	–	–	0.147	–	–	–	–	–	–
078 Jacobs Creek Job Corps System	Little Jacob Creek	–	0.043	–	–	0.043	300	145	0.1	0.077
079 Bristol-Bluff City Utility District	Bristol WD (seller)	–	–	0.034	–	0.717	4,862	147	1.4	2.4
	South Fork Holston River	–	2.04	–	–	–	–	–	–	–
	Blountville Utility District (buyer)	–	–	–	0.361	–	–	–	–	–
	Tri-Cities/Sullivan Utility District (buyer)	–	–	–	0.333	–	–	–	–	–
	Bluff City Water Department (buyer)	–	–	–	0.101	–	–	–	–	–
	South Bristol-Weaver Pike Utility District (buyer)	–	–	–	0.567	–	–	–	–	–
319 Intermont Utility District	Washington County Service Authority* (Virginia)	–	–	0.018	–	0.08	1,071	75	0.33	–
	Bristol WD	–	–	0.062	–	–	–	–	–	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Sullivan County—Continued						
349 Kingsport Water Department	Bloomingdale (seller)	–	–	0.011	–	15.2	83,907	181	18.8	30
	Johnson City WD (seller)	–	–	0.017	–	–	–	–	–	–
	South Fork Holston River	–	15.1	–	–	–	–	–	–	–
644 South Bristol-Weaver Pike Utility District	Bristol WD (seller)	–	–	0.196	–	0.685	5,001	137	–	
	Bristol-Bluff City UD (seller)	–	–	0.567	–	–	–	–	0.5	–
	Holston Utility District (buyer)	–	–	–	0.077					
926 Robindale Water Association	Well	8	0.004	–	–	0.004	50	74	0.001	–
4279 Little Oak Recreation Area	South Holston Lake		0.004	–	–	0.004	218	20	–	–
				Unicoi County						
231 Erwin Utilities	O'Brien Spring	8	0.207	–	–	1.46	11,970	122	2.25	3.7
	Railroad well	8	0.25	–	–	–	–	–	–	–
	Birchfield well	8	0.604	–	–	–	–	–	–	–
	Elks Club well	8	0.888	–	–	–	–	–	–	–
	Unicoi Utility District (buyer)	–	–	–	0.487	–	–	–	–	–
		–	–	–	–	–	–	–	–	–
719 Unicoi Utility District	Erwin Utilities (seller)	–	–	0.487	–	0.487	3,929	124	0.72	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Union County						
415 Luttrell-Blaine-Corryton Utility District	Wells	8	0.018	–	–	1.092	6,773	161	0.75	1.58
	Wells	–	0.305	–	–	–	–	–	–	–
	Graveston Mill Place	–	0.339	–	–	–	–	–	–	–
	Northeast Knox UD (seller)	–	–	0.43	–	–	–	–	–	–
442 Maynardville Water Department	Davis Spring & Well 1	8	0.16			0.585	4,840	121	9.33	0.648
	Lay Spring & Well 2	8	0.204	–	–	–	–	–	–	–
	Northeast Knox UD (seller)	–	–	0.22	–	–	–	–	–	–
8220 Lead Mine Bend Water Association	Spring	8	0.007	–	–	0.007	92	72	–	–
Washington		–	–	–	–	–	–	–	–	–
331 Johnson City Water Department	Unicoi Spring	9	3.91	–	–	16.7	82,724	202	16.1	21
	Kingsport Water Department (buyer)	–	–	–	0.017	–	–	–	–	–
	Watauga River	–	12.8	–	–	–	–	–	–	–
338 Jonesborough Water Department	Nolichucky River	–	3.05	–	–	3.03	22,617	134	0.329	4
	Chuckey Utility District (buyer)	–	–	–	0.017	–	–	–	–	–

Supplement A. Public water-supply systems and associated water use in the Tennessee hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Wayne County										
119 Clifton Water Department	Tennessee River	–	0.488	–	–	0.488	2,968	164	0.565	0.672
127 Collinwood Water Department	Well	5	0.21	–	–	0.21	1,902	111	0.3	0.406
736 Waynesboro Water System	Geissler well	5	0.008	–	–	0.487	3,473	140	0.6	0.865
	Green River		0.48	–	–	–	–	–	–	–
934 West Lauderdale Water Authority	Florence, Alabama	–	–	–	0.137	0.137	91	1,507	0.2	–
9940 Beechview Corporation	Well	5	0.005	–	–	0.005	25	195	–	–
Williamson County										
699 HB & TS Utility District	Spring Hill WD (seller)	–	–	0.395	–	1.64	14,977	109	4.48	1.4
	Harpeth Valley UD* (seller)	–	–	1.24	–	–	–	–	–	–
3699 Pinewood School	Well	8	0.001	–	–	0.001	110	8	–	–

Suppliment B—Public water-supply systems and associated water use in the Ohio hydrologic region

Supplement B. Public water-supply systems and associated water use in the Ohio hydrologic region, 2005.

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Bledsoe County						
553 Taft Youth Center	Bee Creek	–	0.642	–	–	0.251	1,000	251	2.18	0.605
	Fall Creek Falls Utility District (buyer)	–	–	–	0.391	–	–	–	–	–
				Campbell County						
330 Jellico Water Dept	Proctor Hollow Creek (impoundment)	–	0.925	–	–	0.925	4,414	210	1.25	1.5
322 Caryville-Jacksboro UD	Cave Spring	8	0.591	–	–	0.978	8,803	111	2.17	1.87
	Cove Lake	–	0.402	–	–	–	–	–	–	–
	North Anderson County UD (seller)*	–	–	0.015	–	–	–	–	–	–
374 La Follette WD	Norris Lake	–	1.86	–	–	1.86	21,748	85	4.41	5
912 Deerfield Resort Water System	Well 2 Deerlake	8	0.002	–	–	0.04	910	44	–	–
	Well 5 Big Pine	8	0.004	–	–	–	–	–	–	–
	Well 4 Skyline	8	0.004	–	–	–	–	–	–	–
	Well 9 Hilty	8	0.006	–	–	–	–	–	–	–
	Well 1 A&B Cond	8	0.001	–	–	–	–	–	–	–
	Well 8 Bambi	8	0.003	–	–	–	–	–	–	–
	Well 6 Res/Off	8	0.006	–	–	–	–	–	–	–
	Well 3 Air Strip	8	0.003	–	–	–	–	–	–	–
	Well 10 Deer Hill	8	0.005	–	–	–	–	–	–	–
	Well 7 Deerwood	8	0.006	–	–	–	–	–	–	–
				–	–	–	–	–	–	–
				Cannon County						
756 Woodbury Water System	Consolidated UD (seller)	–	–	0.002	–	1.07	7,590	141	1.45	1.73
	Dekalb UD #1 (seller)	–	–	0.007	–	–	–	–	–	–
	East Fork Stones River	–	1.06	–	–	–	–	–	–	–

Supplement B. Public water-supply systems and associated water use in the Ohio hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Cheatham County										
023 Ashland City Water Dept	Cumberland River	–	0.868	–	–	0.868	5,332	163	1.35	1.24
218 East Montgomery Utility District	Cunningham.-E. Mont. UD (seller)	–	–	1.31	–	1.31	13,270	99	1.8	–
558 Pleasant View Utility District	Sycamore Creek (new)	–	1.19	–	–	1.19	15,456	77	2	3
582 River Road Utility District	Dickson Water Authority*(seller)	–	–	0.003	–	0.243	2,660	91	0.7	0.14
	Harpeth Valley UD (seller)	–	–	0.066	–	–	–	–	–	–
	Brush Creek	–	0.174	–	–	–	–	–	–	–
645 Second South Cheatham Utility District	Harpeth River	–	0.595	–	–	0.595	7,976	75	3.7	2.13
Claiborne County										
826 Clear Fork Utility District	Wells	4	0.115	–	–	0.115	1,543	75	0.358	0.432
Clay County										
099 Celina Water System	Obey River	–	0.778	–	–	0.778	4,320	180	1.5	2
573 Northwest Clay County Utility	Cumberland River Plant	–	0.477	–	–	0.477	3,169	151	1.25	–
Coffee County										
880 Stacey Ann's Mobile Home Park	Wells	5	0.014	–	–	0.014	123	117	–	–

Supplement B. Public water-supply systems and associated water use in the Ohio hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Cumberland County						
150 Crossville Water Department *	Holiday Hills Lake	–	1.3	–	–	3.18	22,700	140	5.68	7.5
	Meadow Park Lake	–	2.58	–	–	–	–	–	–	–
	West Cumberland Utility District (buyer)	–	–	–	0.03	–	–	–	–	–
	Catoosa UD* (buyer)	–	–	–	0.669	–	–	–	–	–
557 West Cumberland Utility District	Crossville WD (seller)	–	–	0.03	–	0.273	3,674	74	0.75	–
	Bon de Croft UD (seller)	–	–	0.243	–	–	–	–	–	–
4788 Cumberland Mt. Retreat	Pavilion Campground/Well	–	0.000	–	–	0.000	–	–	–	–
				Davidson County						
286 Harpeth Valley Utility District	Cumberland River	–	21.3	–	–	8.93	32,336	276	14.3	38.4
	HB & TS Utility District* (buyer)	–	–	–	1.24	–	–	–	–	–
	River Road Utility District (buyer)	–	–	–	0.066	–	–	–	–	–
	Brentwood Water Department (buyer)	–	–	–	3.28	–	–	–	–	–
	Franklin Water Department (buyer)	–	–	–	3.88	–	–	–	–	–
	Milcrofton Utility District (buyer)	–	–	–	1.18	–	–	–	–	–
	Mallory Valley Utility District (buyer)	–	–	–	2.74	–	–	–	–	–
424 Madison Suburban Utility District	Cumberland River	–	9.73	–	–	9.73	42,886	227	12	16.6
494 Nashville Water Department #1	Cumberland River	–	43.8	–	–	97	379,790	255	90	179

Supplement B. Public water-supply systems and associated water use in the Ohio hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Davidson County—Continued						
	Cumberland River	–	54.1	–	–	–	–	–	–	–
	Brentwood Water Department (buyer)	–	–	–	0.883	–	–	–	–	–
527 Old Hickory Utility District	Cumberland River	–	0.865	–	–	0.465	3,832	121	1	1.89
	Lakewood Water Department (buyer)	–	–	–	0.161	–	–	–	–	–
	Nashville Water Department #2 (buyer)	–	–	–	0.239	–	–	–	–	–
528 Lakewood Water Department	Old Hickory UD (seller)	–	–	0.161	–	0.161	2,185	74	–	–
529 Nashville Water Department #2	Old Hickory UD (seller)	–	–	0.239	–	0.239	2,268	105	–	–
				DeKalb County						
008 Alexandria Water System	Smith Co. UD #1 (seller)	–	–	0.14	–	0.14	2,233	63	0.45	–
188 Dekalb Utility District #1	Smithville WS (seller)	–	–	0.781	–	0.723	10,920	66	1	–
	Woodbury Water System (buyer)	–	–	–	0.007	–	–	–	–	–
	Wilson County Water & Wastewater (buyer)	–	–	–	0.051	–	–	–	–	–
403 Dowelltown-Liberty Utility District	wells	6	0.079	–	–	0.079	889	88	0.175	0.432
637 Smithville Water System	Center Hill Lake	–	1.42	–	–	0.641	5,246	122	2.1	4.15
	Dekalb Utility District #1 (buyer)	–	–	–	0.781	–	–	–	–	–

Supplement B. Public water-supply systems and associated water use in the Ohio hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				DeKalb County—Continued						
835 Dekalb Utility District #4	Baxter WD (seller)	–	–	0.033	–	0.033	442	74	–	–
				Dickson County						
716 Turnbull Utility District	Dickson Water Department* (buyer)	–	–	–	1.58	1.58	–	–	–	–
724 Vanleer Water System	Spring	5	0.025	–	–	0.016	2,849	6	0.45	0.288
	Erin Water Treatment Plant (buyer)	–	–	–	0.009	–	–	–	–	–
				Fentress County						
010 Allardt Water Works	Fentress County UD (seller)	–	–	0.181	–	0.181	2,337	77	0.4	–
244 Fentress County Utility District	Jamestown WD (seller)	–	–	1.07	–	0.89	11,075	80	0.6	–
	Allardt Water Works (buyer)	–	–	–	0.181	–	–	–	–	–
324 Jamestown Water Department	North White Oak Creek	–	1.52	–	–	0.453	3,582	127	2.25	3
	Fentress County Utility District (buyer)	–	–	–	1.07	–	–	–	–	–
875 Chanute-Pall Mall Utility District	Byrdstown WD (seller)	–	–	0.069	–	0.069	1,058	65	0.2	–
				Grundy County						
122 Big Creek Utility District	Ranger Creek impoundment	–	0.867	–	–	0.659	7,798	85	1.49	1.87
	Griffith Creek Utility District* (buyer)	–	–	–	0.079	–	–	–	–	–
	Cagle-Fredonia Utility District* (buyer)	–	–	–	0.129	–	–	–	–	–

Supplement B. Public water-supply systems and associated water use in the Ohio hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Houston County						
230 Erin Water Treatment Plant	Vanleer WS (seller)	–	–	0.009	–	0.783	5,370	146	1.8	1.5
	Cumberland River	–	0.919		–	–	–	–	–	–
	Cumberland City Water Department (buyer)	–	–	–	0.145	–	–	–	–	–
				Jackson County						
251 Gainesboro Water System	Cumberland River, Jackson Co. UD #3 (buyer)	–	–	–	0.5	0.616	1,461	422	1	0.75
	Jackson County Utility District #3 (buyer)	–	–	–	0.116	–	–	–	–	–
252 Jackson County Utility District #1	Old Gainesboro Road UD (seller)	–	–	0.024	–	0.024	409	59	–	–
817 Jackson County Utility District #2	Livingston WD (seller)	–	–	0.091	–	0.091	1,674	54	–	–
845 Jackson County Utility District #3	Gainesboro WS (seller)	–	–	0.116	–	0.616	2,055	300	0.175	–
	Gainesboro Water System (seller)	–	–	0.5	–	–	–	–	–	–
859 Jackson County Utility District #4	Red Boiling Springs Water System (seller)	–	–	0.103	–	0.103	1,970	52	0.022	–
				Macon County						
373 Lafayette Water System	Barren River	–	1.06	–	–	1.82	13,690	133	1.3	2.45
	Adams Spring	5	0.15	–	–	–	–	–	–	–
	Spring Creek Spring	–	0.611	–	–	–	–	–	–	–

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Macon County—Continued						
572 Red Boiling Springs Water System	Sabens spring plant	–	0.261	–	–	0.603	4,894	123	1	0.933
	McClelland Spring	–	0.445	–	–	–	–	–	–	–
	859 Jackson County Utility District #4 (buyer)	–	–	–	0.103	–	–	–	–	–
				Montgomery County						
116 Clarksville Water Department	Cumberland River	–	14.4	–	–	13.7	134,730	102	21.6	24.9
	Cumberland Heights Utility District (buyer)	–	–	–	0.007					
	Woodlawn Utility District (buyer)	–			0.648					
166 Cumberland Heights Utility District	Clarksville WD (seller)	–	–	0.007	–	0.235	3,089	76	0.5	–
	Cunningham UD (seller)	–	–	0.228	–	–	–	–	–	–
167 Cunningham Utility District	Cunningham East Montgomery UD (seller)	–	–	1.12	–	0.894	11,456	78	3.05	–
	Cumberland Heights Utility District (buyer)	–	–	–	0.228	–	–	–	–	–
758 Woodlawn Utility District	Clarksville WD (seller)	–	–	0.648	–	0.135	9,042	15	1	–
	North Stewart Utility District (buyer)	–	–	–	0.513	–	–	–	–	–
820 Fort Campbell Water System	Little West Fork Red River, Boiling Spring	5	4.9	–	–	4.9	40,000	122	6.25	7.62
929 Cunningham East Mont Water Treatment Plant	Cumberland River	–	2.62	–	–	0.185	25	–	–	4.1

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Montgomery County—Continued						
	East Montgomery Utility District (buyer)	–	–	–	1.31	–	–	–	–	–
	Cunningham Utility District (buyer)	–	–	–	1.12	–	–	–	–	–
				Morgan County						
681 Sunbright Utility District	Huntsville UD Hwy 27 (seller)	–	–	0.079	–	0.749	4,592	163	0.911	–
	Plateau UD* (seller)	–	–	0.129	–	–	–	–	–	–
	Cumberland UD of Raone County* (seller)	–	–	0.187	–	–	–	–	–	–
	Huntsville UD Rugby (seller)	–	–	0.353	–	–	–	–	–	–
				Overton County						
013 North Overton Utility District	Livingston WD (seller)	–	–	0.241	–	0.241	3,397	71	0.35	–
405 Livingston Water Department	Roaring River	–	0.428	–	–	2.11	11,395	185	4.1	3.1
	Carr Creek impoundment	–	2.19	–	–	–	–	–	–	–
	Jackson County Utility District #2 (buyer)	–	–	–	0.091	–	–	–	–	–
	North Overton Utility District (buyer)	–	–	–	0.241	–	–	–	–	–
	West Overton Utility District (buyer)	–	–	–	0.184	–	–	–	–	–
578 West Overton Utility District	Livingston WD (seller)	–	–	0.184	–	0.471	6,246	75	0.7	–
	Algood WS (seller)	–	–	0.287	–	–	–	–	–	–
		–	–		–	–	–	–	–	–
853 East Fork Utility District	Monterey WD (seller)	–	–	0.123	–	0.123	2,165	57	0.2	–

Supplement B. Public water-supply systems and associated water use in the Ohio hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Pickett County						
088 Byrdstown Water Department	Obey River	–	0.637	–	–	0.568	4,893	116	0.85	2.3
	Chanute-Pall Mall Utility District (buyer)	–	–	–	0.069	–	–	–	–	–
				Putnam County						
009 Algood Water System	Cookeville WD (seller)	–	–	0.936	–	0.649	5,873	110	0.375	–
	West Overton Utility District (buyer)	–	–	–	0.287	–	–	–	–	–
038 Bangham Utility District	Cookeville WD (seller)	–	–	0.547	–	0.547	6,672	82	–	–
040 Baxter Water Department	Cookeville WD (seller)	–	–	0.849	–	0.781	4,282	182	0.3	–
	Dekalb Utility District #4 (buyer)	–	–	–	0.033	–	–	–	–	–
	South Side Utility District #2 (buyer)	–	–	–	0.036	–	–	–	–	–
133 Cookeville Water Dept	Caney Fork River, Center Hill Reservoir	–	12.3	–	–	8.84	29,604	298	10	15
	Algood Water System (buyer)	–	–	–	0.936	–	–	–	–	–
	Bangham Utility District (buyer)	–	–	–	0.547	–	–	–	–	–
	Baxter Water Department (buyer)	–	–	–	0.849	–	–	–	–	–
	Cookeville Boat Dock Road Utility District (buyer)	–	–	–	0.58	–	–	–	–	–
	Old Gainesboro Road Utility District (buyer)	–	–	–	0.532	–	–	–	–	–
134 Cookeville Boat Dock Road Utility District	Cookeville WD (seller)	–	–	0.58	–	0.58	5,880	99	–	–

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Putnam County—Continued										
135 Old Gainesboro Road Utility District	Cookeville WD (seller)	–	–	0.532	–	0.508	4,850	105	0.1	–
	Jackson County Utility District #1 (buyer)	–	–	–	0.024	–	–	–	–	–
471 Monterey Water Department	City Lake, Meadow Lake Creek	–	1.34	–	–	1.21	4,397	276	1.68	2
	East Fork Utility District (buyer)	–	–	–	0.123	–	–	–	–	–
952 Heritage Academy	Well	4	0.021	–	–	0.021	100	208	0.032	0.022
Robertson County										
001 Adams-Cedar Hill Water System	Red River	–	0.358	–	–	0.358	8,010	45	0.760	0.576
271 Greenbrier Water & Sewer Dept.	Springfield WS (seller)	–	–	0.483	–	0.483	5,940	81	0.5	–
666 Springfield Water System	Red River	–	4.89	–	–	4.41	31,022	142	9.9	10.4
	Greenbrier Water & Sewer Dept. (buyer)	–	–	–	0.483	–	–	–	–	–
Rutherford County										
386 La Vergne Water System	Stones River, J. Percy Priest Reservoir	–	3.51	–	–	3.51	26,083	135	5.15	4.38
491 Murfreesboro Water Department	Smyrna WS (seller)	–	–	0.153	–	10.8	64,899	166	12	15.7
	East Fork Stones River	–	1.67	–	–	–	–	–	–	–
	Lake Pump Station	–	8.96	–	–	–	–	–	–	–

Supplement B. Public water-supply systems and associated water use in the Ohio hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Rutherford County—Continued						
639 Smyrna Water System	Stones River	–	0.106	–	–	6.53	31,758	206	9.68	15.3
	J. Percy Priest Reservoir	–	8.43	–	–	–	–	–	–	–
	Murfreesboro Water Department (buyer)	–	–	–	0.153	–	–	–	–	–
	Nolensville-College Grove Utility District (buyer)	–	–	–	1.85	–	–	–	–	–
791 Consolidated Utility District of Rutherford	East Fork Stones River	–	8.92	–	–	8.67	94,814	91	14.2	12.6
	Woodbury Water System (buyer)	–	–	–	0.002	–	–	–	–	–
	Wilson County Water & Wastewater (buyer)	–	–	–	0.245	–	–	–	–	–
				Scott County						
318 Huntsville Utility District	New River	–	1.29	–	–	0.376	11,426	33	1.77	3.2
	Sunbright Utility District (buyer)	–	–	–	0.079	–	–	–	–	–
	Sunbright Utility District (buyer)	–	–	–	0.353	–	–	–	–	–
	Oneida Water & Supply Commission (buyer)	–	–	–	0.481	–	–	–	–	–
532 Oneida Water & Supply Commission	Huntsville UD (seller)	–	–	0.481	–	1.9	10,838	176	2.2	3.2
	Baker Lake	–	1.42	–	–	–	–	–	–	–
				Smith County						
095 Carthage Water System	Cumberland River	–	0.729	–	–	0.414	2,540	163	0.6	1.5
	Cordell Hull Utility District (buyer)	–	–	–	0.164	–	–	–	–	–
	Twenty Five Utility District (buyer)	–	–	–	0.15	–	–	–	–	–

Supplement B. Public water-supply systems and associated water use in the Ohio hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Smith County—Continued						
096 Cordell Hull Utility District	Carthage WS (seller)	–	–	0.164	–	0.164	2,907	56	0.2	–
636 Smith Utility District	Caney Fork River	–	1.09	–	–	0.812	6,204	131	2.75	3
	Alexandria Water System (buyer)	–	–	–	0.14	–	–	–	–	–
	South Side Utility District #1 (buyer)	–	–	–	0.133	–	–	–	–	–
718 Twenty Five Utility District	Carthage WS (seller)	–	–	0.15	–	0.145	1,637	89	0.6	–
	South Side Utility District #3 (buyer)	–	–	–	0.005	–	–	–	–	–
904 South Side Utility District #1	Smith UD #1 (seller)	–	–	0.133	–	0.133	2,929	45	–	–
910 South Side Utility District #2	Baxter WD (seller)	–	–	0.036	–	0.036	–	–	–	–
953 South Side Utility District #3	Twenty Five UD (seller)	–	–	0.005	–	0.005	–	–	–	–
				Stewart County						
083 Loon Bay Property Owners Association	Well #1, #2, #4	5	0.005	–	–	0.005	122	41	0.003	–
162 Cumberland City Water Department	Erin (seller)	–	–	0.145	–	0.104	682	153	0.3	–
	Tennessee Ridge Water System* (buyer)	–	–	–	0.041	–	–	–	–	–
193 Dover Water Department	Cumberland River	–	0.274	–	–	0.274	3,018	91	0.8	0.876

Supplement B. Public water-supply systems and associated water use in the Ohio hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Stewart County—Continued						
195 North Stewart Utility District	Brandon spring	–	0.027	–	–	7.172	4,096	1751	1.25	0.432
	Woodlawn UD (seller)	–	–	0.513	–	–	–	–	–	–
	2 wells	5	6.633	–	–	–	–	–	–	–
916 Leatherwood Water District, Inc.	Well	5	0.009	–	–	0.009	316	28	–	–
960 Hidden Hollow Water System	Well	5	0.003	–	–	0.003	80	41	–	–
962 Doalnara Restoration Society USA	3 wells	5	0.01	–	–	0.01	140	72	–	–
				Sumner County						
097 Castalian Springs-Bethpage Utility District	Hartsville WD (seller)	–	–	0.009	–	1.03	–	–	1.03	–
	Westmoreland WS (seller)	–	–	0.043	–	–	–	–	–	–
	Gallatin WD (seller)	–	–	0.982	–	–	–	–	–	–
253 Gallatin Water Department	Cumberland River	–	6.49	–	–	5.51	30,085	183	8	16.1
	Castalian Springs-Bethpage Utility District (buyer)	–	–	–	0.982	–	–	–	–	–
294 Hendersonville Utility District	Cumberland River	–	5.58	–	–	5.58	36,992	151	5.3	9.59
559 Portland Water System	City Lake	–	0.019	–	–	1.86	14,712	127	–	–
	Drakes Creek	–	1.84	–	–	–	–	–	–	–

Supplement B. Public water-supply systems and associated water use in the Ohio hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Sumner County—Continued						
738 Westmoreland Water System	Gallatin	–	–	0.452	–	0.409	3,815	107	–	–
	Castalian Springs-Bethpage Utility District (buyer)	–	–	–	0.043	–	–	–	–	–
745 White House Utility District	Cumberland River	–	11	–	–	11	69,965	157	9.58	17
				Trousdale County						
291 Hartsville Water Department	Cumberland River	–	0.94	–	–	0.932	6,653	140	1.8	2
	Castalian Springs-Bethpage Utility District (buyer)	–	–	–	0.009	–	–	–	–	–
				Van Buren County						
552 Fall Creek Falls Utility District	Taft Youth Center (seller)	–	–	0.391	–	0.391	–	–	0.93	–
655 Spencer Water System	Warren Co. UD (seller)	–	–	0.635	–	1.89	–	–	0.925	1.01
	Caney Fork River	–	0.718	–	–	–	–	–	–	–
	Laurel Lake	–	0.539	–	–	–	–	–	–	–
				Warren County						
423 McMinnville Water Department	Barren Fork River	–	1.83	–	–	1.83	14,835	123	4	0.003
742 West Warren-Viola Utility District	Barren Fork River	–	1.48	–	–	1.48	11,634	127	1	1.5

Supplement B. Public water-supply systems and associated water use in the Ohio hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Warren County—Continued						
818 Warren County Utility District	Collins River	–	1.84	–	–	1.21	21,609	56	4.85	4
	Spencer Water System (buyer)	–	–	–	0.635	–	–	–	–	–
8233 Warren County Utility District #2	Cagle Fredonia	–	–	0.241	–	0.241	–	–	–	–
				White County						
190 Dewhite Utility District	Sparta WS (seller)	–	–	0.615	–	0.615	5,681	108	0.607	–
526 O'Connor Utility District	Sparta WS (seller)	–	–	0.569	–	0.569	6,546	87	1.28	–
569 Quebeck Walling Utility District	Sparta WS (seller)	–	–	0.253	–	0.253	3,493	72	0.3	–
652 Sparta Water System	Calf Killer River	–	2.69	–	–	1.25	8,067	155	3.55	4
	Dewhite Utility District (buyer)	–	–	–	0.615	–	–	–	–	–
	O'Connor Utility District (buyer)	–	–	–	0.569	–	–	–	–	–
	Quebeck Walling Utility District (buyer)	–	–	–	0.253	–	–	–	–	–
653 Bon De Croft Utility District	Billy's Branch	–	0.559	–	–	IM	2,717	–	0.7	0.648
	West Cumberland Utility District (buyer)	–	–	–	0.243	–	–	–	–	–
	Prices Switch Water Company (buyer)	–	–	–	0.43	–	–	–	–	–
836 Prices Switch Water Company	Bon de Croft UD (seller)	–	–	0.43	–	0.43	183	2349	–	–

Supplement B. Public water-supply systems and associated water use in the Ohio hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Williamson County						
069 Brentwood Water Department	Nashville WD #1 (seller)	–	–	0.883	–	4.16	21,862	190	13.3	–
	Harpeth Valley UD (seller)	–	–	3.28	–	–	–	–	–	–
246 Franklin Water Department	Harpeth River	–	2.52	–	–	5.97	60,780	98	9.5	2.4
	Harpeth Valley UD (seller)	–	–	3.88		–	–	–	–	–
	Mallory Valley Utility District (buyer)	–	–	–	0.431	–	–	–	–	–
247 Milcrofton Utility District	Harpeth Valley UD (seller)	–	–	1.18	–	1.18	11,395	104	4.97	–
428 Mallory Valley Utility District	Franklin WD (seller)	–	–	0.431	–	3.17	10,947	290	6.35	–
	Harpeth Valley UD (seller)	–	–	2.74	–	–	–	–	–	–
511 Nolensville-College Grove Utility District	Wells (2)	6	0.047	–	–	2.07	12,810	162	5.5	0.45
	Well (1)	6	0.17	–	–	–	–	–	–	–
	Smyrna WS (seller)	–	–	1.85	–	–	–	–	–	–
		–	–		–	–	–	–	–	–
				Wilson County						
264 Gladeville Utility District #1	West Wilson UD (seller)	–	–	0.008	–	1.74	11,318	154	2.5	4.03
	Lebanon WS (seller)	–	–	0.296	–	–	–	–	–	–
	2 wells	6	1.44	–	–	–	–	–	–	–
393 Lebanon Water System	Cumberland River	–	7.22	–	–	5.44	25,013	217	9.5	12.3

Supplement B. Public water-supply systems and associated water use in the Ohio hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
				Wilson County—Continued						
	Gladeville Utility District #1 (buyer)	–	–	–	0.296	–	–	–	–	–
	Laguardo Utility District (buyer)	–	–	–	0.263	–	–	–	–	–
	Wilson County Water & Wastewater (buyer)	–	–	–	1.08	–	–	–	–	–
	Gladeville Utility District #2 (buyer)	–	–	–	0.154	–	–	–	–	–
394 Laguardo Utility District	Lebanon WS (seller)	–	–	0.263	–	1.26	6,584	191	4	–
	West Wilson UD (seller)	–	–	0.998	–	–	–	–	–	–
732 Watertown Water System	3 wells	6	0.162	–	–	0.162	1,629	100	0.4	0.324
743 West Wilson Utility District	Cumberland River	–	5.15	–	–	4.14	43,417	95	12.3	16.4
	Gladeville Utility District #1 (buyer)	–	–	–	0.008	–	–	–	–	–
	Laguardo Utility District (buyer)	–	–	–	0.998	–	–	–	–	–
790 Wilson County Water & Wastewater	Dekalb UD	–	–	0.051	–	1.64	14,060	117	1.4	–
	Consolidated UD of Rutherford Co. #1 (seller)	–	–	0.245	–	–	–	–	–	–
	Gladeville UD #2 (seller)	–	–	0.269	–	–	–	–	–	–
	Lebanon WS (seller)	–	–	1.08	–	–	–	–	–	–
941 Gladeville Utility District #2	Lebanon WS (seller)	–	–	0.154	–	IM	–	–	–	–
	Wilson County Water & Wastewater (buyer)	–	–	–	0.269	–	–	–	–	–

Supplement C—Public water-supply systems and associated water use in the Lower Mississippi hydrologic region

Supplement C. Public water-supply systems and associated water use in the Lower Mississippi hydrologic region, 2005.

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Carroll County										
035 Atwood Water System	Well(s)	2	0.123	–	–	0.123	1,308	94	0.35	0.216
098 Cedar Grove Utility District	Well(s)	2	0.025	–	–	0.025	1,264	20	0.4	0.25
316 Huntingdon Water Department	Well(s)	3	0.683	–	–	0.683	5,735	119	1.2	1.44
421 McKenzie Water Department	Well(s)	2	1.11	–	–	1.11	5,632	198	1.4	1.95
422 McLemoresville Water Department	3 Wells	2	0.052	–	–	0.052	417	125	0.1	0.864
710 Trezevant Water System	Well(s)	2	0.118	–	–	0.118	1,068	111	0.15	0.432
Chester County										
293 Henderson Water Department	Plant 1&2 Well(s)	3	1.01	–	–	1.01	7,413	136	1.9	1.22
Crockett County										
005 Alamo Water Department	Well(s)	2	0.305	–	–	0.305	2,993	102	0.5	0.864
006 County Wide Utility Department	Gadsden wells	2	0.035	–	–	1.01	8,258	123	0.775	1.48
	Highway 412 well	2	0.086	–	–	–	–	–	–	–
	Bonicord well	2	0.09	–	–	–	–	–	–	–
	Egg Hill well	2	0.121	–	–	–	–	–	–	–
	Old Field well	2	0.145	–	–	–	–	–	–	–
	Salem well	2	0.281	–	–	–	–	–	–	–
	Gum Flat well	2	0.254	–	–	–	–	–	–	–

Supplement C. Public water-supply systems and associated water use in the Lower Mississippi hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Crockett County—Continued										
045 Bells Public Utility District	Well(s)	2	0.025	–	–	0.025	2,333	11	0.5	0.49
148 Crockett Mills Utility District	2 Wells	2	0.089	–	–	0.089	792	112	0.1	0.173
248 Friendship Water Company	Well(s)	2	0.096	–	–	0.000	--	--	--	0.15
	Friendship Distribution System (buyer)	–	–	–	0.096	–	–	–	–	–
441 Maury City Water Department	Well(s)	2	0.076	–	–	0.076	1,080	70	0.275	0.36
928 Friendship Distribution System	Friendship WC (seller)	–	–	0.096	–	0.096	843	114	0.15	0.216
Dyer County										
211 Dyersburg Water Department	South Main Plant	2	1.09	–	–	3.22	--	--	4.55	12
	Roger Hawkins Plant	2	2.13	–	–	–	–	–	–	–
212 Dyersburg Sub Cons Utility Department	Plant 2	2	0.187	–	–	0.423	3,917	108	0.6	1.37
	Plant 1	2	0.256	–	–	–	–	–	–	–
	Northwest Dyersburg Utility Department (buyer)	–	–	–	0.021	–	–	–	–	–
496 Newbern Water Department	Well(s)	2	1.21	–	–	1.21	8,010	152	1.59	1.51
518 Northwest Dyersburg Utility Department	Dyersburg Sub. Consold. UD (seller)	2	–	0.021	–	0.364	3,934	93	0.45	0.864
	Well(s)	2	0.344	–	–	–	–	–	–	–

Supplement C. Public water-supply systems and associated water use in the Lower Mississippi hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Dyer County—Continued										
711 Trimble Water System	Well(s)	2	0.104	–	–	0.104	797	131	0.2	0.468
888 Midway Trailer Court	Pressure Tank	2	0.01	–	–	0.01	42	226	--	--
Fayette County										
254 Gallaway Water Department	Well(s)	2	0.22	–	–	0.22	921	239	0.35	0.749
382 La Grange Water Department	Well(s)	2	0.021	–	–	0.021	214	100	0.1	0.187
597 Rossville Water System	Well(s)	2	0.073	–	–	0.073	523	139	0.2	0.274
641 Somerville Water System	Well(s)	2	0.618	–	–	0.618	4,707	131	1.5	2.16
842 Piperton Water System	Collierville WD (seller)	–	–	0.127	–	0.127	1,003	126	--	--
Gibson County										
067 Bradford Water System	Well(s)	2	0.1	–	–	0.1	1,290	77	0.3	0.864
209 Dyer Water Department	Well(s)	2	0.334	–	–	0.334	2,892	116	1.5	0.5
263 Gibson Water Department	Well(s)	2	0.041	–	–	0.041	482	84	0.5	0.432
314 Humbolt Utilities Water Department	Well(s)	2	1.7	–	–	1.7	9,225	184	1.05	3.6
458 Milan Water Department	Well(s)	2	1.24	–	–	1.24	9,640	129	1.5	6.48
599 Rutherford Water System	Well(s)	2	0.162	–	–	0.162	1,446	112	0.3	0.72

Supplement C. Public water-supply systems and associated water use in the Lower Mississippi hydrologic region, 2005.—Continued

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				Gibson County—Continued						
707 Trenton Water System	Well(s)	2	0.661	–	–	0.661	5,200	127	1.5	2.3
709 Gibson Co. Municipal Water District #1	Griers Chapel well	2	0.43	–	–	0.43	2,735	157	0.2	0.432
798 Milan Arsenal #1	T99	2	0.642	–	–	0.642	1,000	642	--	–
812 Gibson Co. Municipal Water District #3	Gibson Co. #4 (seller)		–	0.013	–	0.187	1,380	136	0.075	0.216
	Eaton Central-2 wells	2	0.174	–	–	–	–	–	–	–
813 Gibson Co. Municipal Water District #4	Fruitland well	2	–	0.53	–	0.517	3,080	168	0.075	1.01
	812 Gibson Co. Municipal Water District #3 (buyer)		–	–	0.013	–	–	–	–	–
815 Gibson Co. Municipal Water District #5	Goat City well	2	0.212	–	–	0.212	1,126	189	0.15	0.216
8132 County Line Trailer Park	2 wells	2	0.005	–	–	0.005	72	74	--	--
				Hardeman County						
063 Bolivar Water System	Well(s)	3	1.17			0.99	7,227	137	1.55	3.82
	Spring Creek Utility District (buyer)	–	–	–	0.181	–	–	–	–	–
	Hornsby Water Department (buyer)	–	–	–	0.094	–	–	–	–	–
267 Grand Junction Water Department	Well(s)	2	0.19	–	–	0.19	1,290	147	0.275	0.432

Supplement C. Public water-supply systems and associated water use in the Lower Mississippi hydrologic region, 2005.—Continued

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Hardeman County—Continued										
312 Hornsby Water Department	Bolivar WS (seller)	–	–	0.094	–	0.094	975	96	0.15	–
446 Woodrun Lakes S/D	Water Plant	2	0.02	–	–	0.02	141	144	0.12	0.144
451 Grand Valley Lakes Owners Assoc.	Well	2	0.055	–	–	0.055	645	86	0.11	0.259
452 Rogers Springs POA	Water Plant		0.015	–	–	0.015	115	133	0.063	0.036
455 Middleton Water Department	Downtown EP	3	0.132	–	–	0.132	973	136	0.25	0.3
664 Spring Creek Utility District	Bolivar WS (seller)	–	–	0.181	–	0.181	2,381	76	0.4	–
704 Toone Water System	Water Plant	2	0.127	–	–	0.127	486	261	0.59	0.504
748 Whiteville Water Department	Well(s)	2	0.607	–	–	0.607	1,526	398	1	1.44
797 Riviera Utilities Resort of Tennessee	Water Plant	2	0.037	–	–	0.037	192	195	0.065	0.302
Haywood County										
080 Brownsville Water Department	Old Plant	2	0.751	–	–	1.69	13,851	122	2.11	5.93
	New Plant	2	0.997							
	Haywood Co. Utility District (buyer)			–	0.057	–	–	–	–	–
672 Stanton Water System	Well(s)	2	0.094	–	–	0.052	752	70	0.3	0.72
	Haywood Co. Utility District (buyer)	–	–	–	0.042	–	–	–	–	–

Supplement C. Public water-supply systems and associated water use in the Lower Mississippi hydrologic region, 2005.—Continued

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Haywood County—Continued										
999 Haywood Co. Utility District	Stanton WS (seller)	–	–	0.042	–	0.099	--	--	--	0.144
	Brownsville WD (seller)	–	–	0.057	–	–	–	–	–	–
Henry County										
296 Henry Water System	Well(s)	2	0.077	–	–	0.077	545	140	0.4	0.26
Lake County										
575 Reelfoot Utility District	Well(s)	2	0.161	–	–	0.082	644	127	0.1	0.432
	Samburg Utility District (buyer)	–	–	–	0.08	–	–	–	–	–
579 Ridgely Water System	Well(s)	2	0.382	–	–	0.382	2,124	180	0.3	0.432
700 Tiptonville Water System	Well(s)	2	0.783	–	–	0.783	2,443	321	0.8	1.4
Lauderdale County										
245 West Tennessee State Penitentiary	Well(s)	2	0.505	–	–	0.505	2,429	208	1.1	1.09
255 Gates Water Department	Well(s)	2	0.074	–	–	0.074	785	94	0.125	0.216
279 Halls Water System	Well(s)	2	0.572	–	–	0.572	5,567	103	1	1.07
295 Henning Water Department	Well(s)	2	0.122	–	–	0.122	1,211	101	0.43	0.288
580 Ripley Water System	Well(s)	2	1.9	–	–	1.77	7,367	240	1.4	3.03
	Lauderdale Co. Water System (buyer)	–	–	–	0.136	–	–	–	–	–

Supplement C. Public water-supply systems and associated water use in the Lower Mississippi hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Lauderdale County—Continued										
581 Lauderdale Co. Water System	Water Plant	2	0.684	–	–	0.82	9,786	84	0.852	1.58
	Ripley WS (seller)	–	–	0.136	–	–	–	–	–	–
Madison County										
299 Jackson Water System	South Plant	–	2.64	–	–	13.6	82,855	164	17.1	25.2
	North Plant	2	11.08	–	–	–	–	–	–	–
	Jackson Energy Authority* (buyer)	–	–	–	0.16	–	–	–	–	–
453 Jackson Utility District-Mercer Plant	Water Plant	2	0.022	–	–	0.022	149	146	0.13	0.086
8130 Lewis Trailer Park	Wells 3	2	0.008	–	–	0.008	107	73	0.13	0.086
298 Whispering Hills Trailer Court	Pressure Tank	–	0.009	–	–	0.009	122	74	0.13	0.086
McNairy County										
050 Bethel Springs Water System	Well(s)	3	0.086	–	–	0.086	1,007	85	0.1	0.18
570 Eastview Utility District	Selmer WS (seller)	–	–	0.231	–	0.231	1,817	127	–	–
571 Ramer Water Department	Well(s)/Deepwell #1	3	0.059	–	–	0.059	588	101	0.1	0.266
615 Selmer Water System	GE Station #1	3	2.19	–	–	2.19	17,276	126	2.15	3.82
	Eastview Utility District (buyer)	–	–	–	0.231	–	–	–	–	–

Supplement C. Public water-supply systems and associated water use in the Lower Mississippi hydrologic region, 2005.—Continued

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Obion County										
220 Elbridge Water Association	Well(s)	2	0.507	–	–	0.404	3,056	132	0.554	0.72
	Hornbeak Utility District (buyer)	–	–	–	0.103	–	–	–	–	–
311 Hornbeak Utility District	Elbridge WA (seller)	–	–	0.103	–	0.103	1,258	82	0.2	0.216
347 Kenton Water Department	Well(s)	2	0.169	–	–	0.169	1,488	113	0.6	0.648
524 Obion Water Department	Well(s)	2	0.185	–	–	0.185	1,936	95	0.25	0.3
607 Samburg Utility District	Reelfoot UD (seller)	–	–	0.08	–	0.08	748	106	0.1	–
648 South Fulton Water System	Well(s)	2	0.436	–	–	0.436	4,262	102	1	1.24
712 Troy Water System	Well(s)	2	0.235	–	–	0.235	2,103	112	0.65	0.5
720 Union City Water Department	Well(s)	2	3.96	–	–	3.96	16,269	244	2.13	10.3
935 Mason Hall Development Corp.	Pressure Tank	2	0.02	–	–	0.02	–	–	0.002	–
Shelby County										
126 Collierville Water Department	Plant #1	2	6.06	–	–	5.93	41,923	141	2.85	11.2
	Piperton Water System (buyer)	–	–	–	0.127	–	–	–	–	–
262 Germantown Water Department	Johnson Road FP	–	2.23	–	–	6.19	40,300	154	0.575	15
	Southern Avenue WP	2	3.96	–	–	–	–	–	–	–

Supplement C. Public water-supply systems and associated water use in the Lower Mississippi hydrologic region, 2005.—Continued

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				Shelby County—Continued						
450 Memphis Light, Gas & Water	LNG well field	2	0.505	–	–	–	–	–	–	–
	Palmer well field	2	4.5	–	–	–	–	–	–	–
	Sheahan well field	2	15.3	–	–	–	–	–	–	–
	Mallory well field	2	17.1	–	–	–	–	–	–	–
	Morton well field	2	19	–	–	–	–	–	–	–
	Lichterman well field	2	19.3	–	–	–	–	–	–	–
	Davis well field	2	20.5	–	–	–	–	–	–	–
	Allen well field	2	21.8	–	–	–	–	–	–	–
	Shaw well field	2	23.2	–	–	–	–	–	–	–
	McCord well field	2	26.2	–	–	–	–	–	–	–
	201 Poplar Grove Utility District (buyer)	–	–	–	0.004	–	–	–	–	–
463 Millington Water Department	Well(s)	2	0.587	–	–	0.587	7,244	81	0.5	2.55
468 NSA - Midsouth	Well(s)	2	0.795	–	–	0.795	6,300	126	1	4.2
765 Bartlett Water System	OT Yates	2	6.47	–	–	6.47	44,174	147	2.75	9.5
				Tipton County						
033 Atoka Water System	Munford WD (seller)	–	–	0.374	–	0.374	4,893	77	–	–
070 Brighton Water System	Poplar Grove UD (seller)	–	–	0.264	–	0.264	3,670	72	0.125	–
144 Covington Water Department	Well(s)	2	2.06	–	–	2.06	11,085	186	1.55	4.79

Supplement C. Public water-supply systems and associated water use in the Lower Mississippi hydrologic region, 2005.—Continued

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County, PWSID, and system	Source of supply (seller, buyer)	Principal aquifer (fig. 2)	Withdrawal (Mgal/d)	Water purchased (Mgal/d)	Water sold (Mgal/d)	Gross water use (Mgal/d)	Population served	Gross per capita use (gal/d)	Storage capacity (million gallons)	Design capacity (million gallons)
Tipton County—Continued										
201 Poplar Grove Utility District	MLGW (seller)	–	–	0.004	–	1.65	16,043	103	1.2	4.03
	Well(s)	2	–	1.91	–	–	–	–	–	–
	Brighton Water System (buyer)	–	–	–	0.264	–	–	–	–	–
440 Mason Water Department	Well(s)	2	0.355	–	–	0.355	2,836	125	0.45	0.654
490 Munford Water Department	Well(s)	2	1.17	–	–	0.793	7,184	110	0.97	2.03
	Atoka Water System (buyer)	–	–	–	0.374	–	–	–	–	–
703 First Utility Department of Tipton Co.	Well(s)	2	0.848	–	–	0.848	8,479	100	0.25	1.15
Weakley County										
196 Dresden Water Department	Well(s)	2	0.482	–	–	0.482	3,749	129	1.06	2.16
265 Gleason Water Department	Well(s)	2	0.26	–	–	0.26	1,714	151	0.3	0.72
276 Greenfield Water Department	Well(s)	2	0.258	–	–	0.258	2,363	109	0.5	0.72
435 Martin Water Department	Well(s)	2	1.42	–	–	1.425	12,703	112	1.98	4.61
627 Sharon Water System	Well(s)	2	0.136	–	–	0.136	1,261	108	0.155	0.72

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Index
Public water-supply systems in Tennessee, 2005

Public Water System Identification Number	System name	Supplement
	A	
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002	Adamsville Water System	A
005	Alamo Water Department	C
007	Alcoa Water System	A
008	Alexandria Water System	B
009	Algood Water System	B
010	Allardt Water Works	B
974	Allendale Drive Mobile Home Park	A
014	Alpha-Talbott Utility District	A
768	Anderson County Utility Board	A
539	Antioch Water Company	A
948	Aqua Utilities Co, Inc.	A
018	Ardmore Water System	A
022	Arthur-Shawnee Utility District	A
023	Ashland City Water Dept	B
024	Athens Utilities Board	A
033	Atoka Water System	C
035	Atwood Water System	C
	B	
329	Baneberry Utility District	A
038	Bangham Utility District	B
765	Bartlett Water System	C
040	Baxter Water Department	B
517	Bedford County Utility District	A
9940	Beechview Corporation	A
044	Bell Buckle Water System	A
045	Bells Public Utility District	C
046	Belvidere Rural Utility District	A
048	Benton Water System	A
050	Bethel Springs Water System	C
122	Big Creek Utility District	B
051	Big Sandy Water Department	A
056	Bloomingdale Utility District	A
057	Blountville Utility District	A
061	Bluff City Water Department	A
063	Bolivar Water System	C
066	Bon Aqua-Lyles Utility District	A
653	Bon De Croft Utility District	B
067	Bradford Water System	C
069	Brentwood Water Department	B
070	Brighton Water System	C
073	Bristol Department Utilities	A
079	Bristol-Bluff City Utility District	A
480	Brownlow Utility District	A
080	Brownsville Water Department	C
081	Bruceton Water System	A
520	Brushy Mountain Prison	A
088	Byrdstown Water Department	B

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Public Water System Identification Number	System name	Supplement
	C	
927	Cagle-Fredonia Utility District	A
106	Calhoun-Charleston Utility District	A
090	Camden Water Department	A
8219	Camelia Trace Apartments	A
085	Carderview Utility District	A
095	Carthage Water System	B
322	Caryville-Jacksboro Utility District	A
097	Castalian Springs-Bethpage Utility District	B
158	Catoosa Utility District	A
098	Cedar Grove Utility District	C
8214	Cedar Hill Apartments	A
099	Celina Water System	B
101	Center Grove-Winchester Springs	A
103	Centerville Water System	A
849	Chalet Village North	A
875	Chanute-Pall Mall Utility District	B
104	Chapel Hill Water System	A
138	Cherokee Hills Utility District	A
062	Chinquapin Grove Utility District	A
108	Chuckey Utility District	A
113	Claiborne County Utility District	A
115	Clarksburg Utility District	A
116	Clarksville Water Department	B
826	Clear Fork Utility District	B
117	Cleveland Utilities	A
119	Clifton Water Department	A
120	Clinton Utilities Board	A
485	Cold Springs Utility District	A
126	Collierville Water Department	C
127	Collinwood Water Department	A
128	Columbia Water System	A
791	Consolidated Utility District of Rutherford	B
134	Cookeville Boat Dock Road Utility District	B
133	Cookeville Water Dept	B
844	Copper Basin Utility District	A
136	Copperhill Water Department	A
096	Cordell Hull Utility District	B
139	Cornersville Water Department	A
8003	Country Acres Farm	A
933	Country Junction Resort	A
8132	County Line Trailer Park	C
006	County Wide Utility Department	C
144	Covington Water Department	C
146	Cowan Board of Public Utilities	A
147	Crab Orchard Utility District	A
971	Creekside Mobile Home Subdivision	A

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Public Water System Identification Number	System name	Supplement
	C—Continued	
148	Crockett Mills Utility District	C
149	Cross Anchor Utility District	A
150	Crossville Water Department	B
162	Cumberland City Water Department	B
161	Cumberland Gap Water Services	A
166	Cumberland Heights Utility District	B
848	Cumberland Mountain Retreat	A
4788	Cumberland Mt. Retreat	B
531	Cumberland Utility District	A
929	Cunningham East Mont Water Treatment Plant	B
167	Cunningham Utility District	B
	D	
170	Dandridge Water Department	A
174	Dayton Water Department	A
183	Decatur Water Department	A
186	Decaturville Water System	A
187	Decherd Water Department	A
912	Deerfield Resort Water System	B
188	Dekalb Utility District #1	B
835	Dekalb Utility District #4	B
190	Dewhite Utility District	B
193	Dover Water Department	B
403	Dowelltown-Liberty Utility Dist	B
196	Dresden Water Department	C
919	Dry Run Utility District	A
821	Duck River Utility Commission	A
205	Dunlap Water System	A
209	Dyer Water Department	C
212	Dyersburg Sub Cons Utility Department	C
211	Dyersburg Water Department	C
	E	
853	East Fork Utility District	B
218	East Montgomery Utility District	B
219	Eastside Utility District	A
570	Eastview Utility District	C
220	Elbridge Water Association	C
221	Elizabethton Water Department	A
224	Englewood Water Department	A
230	Erin Water Treatment Plant	B
231	Erwin Utilities	A
232	Estill Springs Water Department	A
233	Etowah Utilities	A
	F	
563	Fairview Utility District	A
552	Fall Creek Falls Utility District	B
239	Fall River Road Utility District	A
242	Fayetteville Water System	A

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	F—Continued	
244	Fentress County Utility District	B
703	First Utility Department of Tipton Co.	C
094	First Utility District of Carter County	A
546	First Utility District of Hardin County	A
109	First Utility District of Hawkins County #1	A
855	First Utility District of Hawkins County #2	A
369	First Utility District of Knox County	A
629	Flat Creek Cooperative	A
820	Fort Campbell Water System	B
8049	Foster Falls Utility District	A
246	Franklin Water Department	B
928	Friendship Distribution System	C
248	Friendship Water Company	C
249	Friendsville Water Works	A
	G	
251	Gainesboro Water System	B
253	Gallatin Water Department	B
254	Gallaway Water Department	C
255	Gates Water Department	C
256	Gatlinburg Water Department	A
262	Germantown Water Department	C
709	Gibson Co. Municipal Water District #1	C
812	Gibson Co. Municipal Water District #3	C
813	Gibson Co. Municipal Water District #4	C
815	Gibson Co. Municipal Water District #5	C
263	Gibson Water Department	C
264	Gladeville Utility District #1	B
941	Gladeville Utility District #2	B
265	Gleason Water Department	C
266	Glen Hills Utility District	A
267	Grand Junction Water Department	C
451	Grand Valley Lakes Owners Assoc.	C
863	Grandview Utility District	A
269	Graysville Water Department	A
270	Great Smoky Mountains National Park	A
271	Greenbrier Water & Sewer Dept.	B
273	Greeneville Water & Light Commission	A
276	Greenfield Water Department	C
278	Griffith Creek Utility District	A
	H	
279	Halls Water System	C
280	Hallsdale Powell Utility District	A
282	Hampton Utility District	A
923	Harbert Hills Academy N.H.	A
055	Harbor Utility District	A

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	H—Continued	
286	Harpeth Valley Utility District	B
287	Harriman Utility Board	A
291	Hartsville Water Department	B
999	Haywood Co. Utility District	C
699	HB & TS Utility District	A
293	Henderson Water Department	C
294	Hendersonville Utility District	B
295	Henning Water Department	C
296	Henry Water System	C
952	Heritage Academy	B
8221	Heritage Lake Apartments	A
960	Hidden Hollow Water System	B
430	Hillsville Utility District	A
426	Hiwassee College Water System	A
831	Hiwassee Utility Commission	A
049	Hiwassee Water Cooperative	A
303	Hixson Utility District	A
304	Hohenwald Water System	A
310	Hollow Rock Water Department	A
8036	Holston River Bend Utility District	A
074	Holston Utility District	A
311	Hornbeak Utility District	C
312	Hornsby Water Department	C
314	Humbolt Utilities Water Department	C
316	Huntingdon Water Department	C
317	Huntland Water System	A
318	Huntsville Utility District	B
	I	
320	Iron City Utility District	A
	J	
252	Jackson County Utility District #1	B
817	Jackson County Utility District #2	B
845	Jackson County Utility District #3	B
859	Jackson County Utility District #4	B
453	Jackson Utility District-Mercer Plant	C
299	Jackson Water System	C
078	Jacobs Creek Job Corps System	A
324	Jamestown Water Department	B
8115	Jarrell Mobile Home Park	A
325	Jasper Water Department	A
330	Jellico Water Dept	B
331	Johnson City Water Department	A
338	Jonesborough Water Department	A
	K	
347	Kenton Water Department	C
349	Kingsport Water Department	A
360	Kingston Water System	A

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	K—Continued	
8213	Knox Landing Apartments	A
367	Knox-Chapman Utility District	A
366	Knoxville Utility Board #1 Whitaker Plant	A
	L	
374	La Follette Water Department	A
382	La Grange Water Department	C
386	La Vergne Water System	B
373	Lafayette Water System	B
394	Laguardo Utility District	B
383	Lake City Water Department	A
596	Lakeview Utility District	A
528	Lakewood Water Department	B
581	Lauderdale Co. Water System	C
581	Lauderdale Co. Water System	C
936	Laurel Mountain Lakes Water Association	A
178	Laurelbrook School	A
392	Lawrenceburg Water System	A
916	Leatherwood Water District, Inc.	B
8220	Lead Mine Bend Water Association	A
393	Lebanon Water System	B
396	Lenoir City Utility Board	A
399	Leoma Utility District	A
400	Lewisburg Water System	A
402	Lexington Water Systems	A
764	Lincoln County Board of Public Utilities #1	A
884	Lincoln County Board of Public Utilities #2	A
290	Lincoln Memorial University	A
404	Linden Water Department	A
4279	Little Oak Recreation Area	A
405	Livingston Water Department	B
406	Lobelville Water Department	A
8228	Lone Oak Utility District	A
083	Loon Bay Property Owners Association	B
408	Loretto Water Department	A
409	Louden Utility Board	A
415	Luttrell-Blaine-Corryton Utility District	A
416	Lynchburg Water Department	A
419	Lynnville Water Department	A
	M	
424	Madison Suburban Utility District	B
425	Madisonville Water Department	A
428	Mallory Valley Utility District	B
429	Manchester Water Department	A
105	Marshall County Board of Public Utilities #1	A
434	Martel Utility District	A
435	Martin Water Department	C
438	Maryville Department of Water Quality and Control	A
935	Mason Hall Development Corp.	C

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	M—Continued	
440	Mason Water Department	C
441	Maury City Water Department	C
770	Maury County Water System	A
442	Maynardville Water Department	A
420	McEwen Water Department	A
421	McKenzie Water Department	C
422	McLemoresville Water Department	C
423	McMinnville Water Department	B
450	Memphis Light, Gas & Water	C
454	Michie Water Department	A
939	Mid Hawkins County Utility District	A
455	Middleton Water Department	C
888	Midway Trailer Court	C
798	Milan Arsenal #1	C
458	Milan Water Department	C
247	Milcrofton Utility District	B
463	Millington Water Department	C
469	Minor Hill Water Utility District	A
470	Monteagle Public Utility Board	A
471	Monterey Water Department	B
472	Mooresburg Utility District	A
474	Morristown Water System	A
478	Mosheim Utility District	A
479	Mountain City Water Department	A
490	Munford Water Department	C
491	Murfreesboro Water Department	B
	N	
494	Nashville Water Department #1	B
529	Nashville Water Department #2	B
761	New Canton Utility District	A
497	New Johnsonville Water Department	A
499	New Market Utility District	A
391	New Prospect Utility District	A
496	Newbern Water Department	C
500	Newport Utilities Board	A
510	Niota Water System	A
511	Nolensville-College Grove Utility District	B
513	Norris Water Commission	A
514	North Anderson County Utility District	A
514	North Anderson County Utility District	A
540	North East Henry County Utility District	A
223	North Elizabethton Water Cooperative	A
274	North Greene Utility District	A
013	North Overton Utility District	B
195	North Stewart Utility District	B
883	North Utility District of Decatur/Benton Company	A
970	North Utility District of Rhea County	A

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	N—Continued	
515	Northeast Knox Utility District	A
389	Northeast Lawrence Utility District	A
573	Northwest Clay County Utility	B
518	Northwest Dyersburg Utility Department	C
838	Northwest Henry Company Utility District	A
468	NSA - Midsouth	C
	O	
522	Oak Ridge Department of Public Works	A
524	Obion Water Department	C
525	Ocoee Utility District	A
526	O'Connor Utility District	B
135	Old Gainesboro Road Utility District	B
527	Old Hickory Utility District	B
530	Old Knoxville Highway Utility District	A
523	Oliver springs Water Board	A
532	Oneida Water & Supply Commission	B
535	Orme Water System	A
	P	
536	Paris Board of Public Utilities	A
541	Parsons Water Department	A
543	Perryville Utility District	A
594	Persia Utility District	A
544	Petersburg Water System	A
548	Pigeon Forge Water Department	A
551	Pikeville Water System	A
3699	Pinewood School	A
842	Piperton Water System	C
729	Plateau Utility District	A
558	Pleasant View Utility District	B
201	Poplar Grove Utility District	C
559	Portland Water System	B
836	Prices Switch Water Company	B
562	Pulaski Water System	A
568	Puryear Water System	A
	Q	
569	Quebeck Walling Utility District	B
	R	
571	Ramer Water Department	C
572	Red Boiling Springs Water System	B
575	Reelfoot Utility District	C
576	Riceville Utility District	A
579	Ridgely Water System	C
580	Ripley Water System	C
924	River Landing Development	A
582	River Road Utility District	B
925	Riverside Campground	A
797	Riviera Utilities Resort of Tennessee	C

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	R—Continued	
584	Roan Mountain Utility District	A
457	Roane Central Utility District	A
926	Robindale Water Association	A
590	Rockwood Water System	A
452	Rogers Springs POA	C
593	Rogersville Water System	A
597	Rossville Water System	C
598	Russellville Whitesburg Utility District	A
599	Rutherford Water System	C
	S	
605	Sale Creek Utility District	A
606	Saltillo Utility District	A
607	Samburg Utility District	C
5080	Sandy Beach Water System	A
609	Sardis Water System	A
611	Savannah Utility Department	A
613	Savannah Valley Utility District	A
614	Scotts Hill Water System	A
645	Second South Cheatham Utility District	B
615	Selmer Water System	C
623	Sewanee Utility District	A
626	Shady Grove Utility District	A
627	Sharon Water System	C
628	Shelbyville Water System	A
633	Siam Utility District	A
634	Signal Mountain Water System	A
636	Smith Utility District	B
637	Smithville Water System	B
639	Smyrna Water System	B
640	Sneedville Utility District	A
641	Somerville Water System	C
643	South Blount Utility District	A
644	South Bristol-Weaver Pike Utility District	A
159	South Cumberland Utility District	A
646	South Elizabethton Utility District	A
648	South Fulton Water System	C
649	South Giles Utility District	A
537	South Paris Water Cooperative	A
651	South Pittsburg Water System	A
904	South Side Utility District #1	B
910	South Side Utility District #2	B
953	South Side Utility District #3	B
652	Sparta Water System	B
655	Spencer Water System	B
656	Spring City Water System	A
664	Spring Creek Utility District	C
666	Springfield Water System	B
604	St. Joseph Water System	A
880	Stacey Ann’s Mobile Home Park	B
672	Stanton Water System	C

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	S—Continued	
673	Striggersville Utility District	A
909	Suck Creek Utility District	A
676	Summertown Water System	A
681	Sunbright Utility District	B
682	Surgoinsville Utility District	A
687	Sweetwater Utility Board	A
691	Sylvia-Tenn. City-Pond Utility District	A
	T	
553	Taft Youth Center	B
566	Tarpley Shop Utility District	A
693	Tellico plains Water Department	A
726	Tellico Area Services System	A
871	Tellico Village POA	A
107	Tenn.-American Water Company	A
698	Tennessee Ridge Water System	A
678	The Farm Water System	A
700	Tiptonville Water System	C
704	Toone Water System	C
706	Tracy City Water System	A
707	Trenton Water System	C
710	Trezevant Water System	C
058	Tri-Cities/Sullivan Utility District	A
711	Trimble Water System	C
712	Troy Water System	C
714	Tuckaleechee Utility District	A
715	Tullahoma Board of Utilities	A
533	Turney Center	A
718	Twenty Five Utility District	B
	U	
719	Unicoi Utility District	A
720	Union City Water Department	C
037	Union Fork-Bakewell Utility District	A
	V	
724	Vanleer Water System	B
	W	
635	Walden Ridge Utility District	A
8210	Walker’s Crossing Apartments	A
818	Warren County Utility District	B
8233	Warren County Utility District #2	B
730	Wartrace Water System	A
191	Water Authority of Dickson County	A
732	Watertown Water System	B
872	Watts Bar Utility District	A
969	Watts Bar Utility District East	A
733	Waverly Water Department	A
736	Waynesboro Water System	A
8140	Wear Valley Ranch	A

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	W—Continued	
261	Webb Creek Utility District	A
557	West Cumberland Utility District	B
371	West Knox Utility District	A
934	West Lauderdale Water Authority	A
578	West Overton Utility District	B
740	West Point Utility District	A
245	West Tennessee State Penitentiary	C
742	West Warren-Viola Utility District	B
743	West Wilson Utility District	B
738	Westmoreland Water System	B
745	White House Utility District	B
746	White Pine Water System	A
748	Whiteville Water Department	C
749	Whitwell Water Department	A
790	Wilson County Water & Wastewater	B
754	Winchester Water System	A
650	Witt Utility District	A
756	Woodbury Water System	B
679	Woodlawn Shores Waterworks	A
758	Woodlawn Utility District	B
446	Woodrun Lakes S/D	C
	Y	
663	Yost Trailer Park	A

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