

Bluegrass Area Development District Rate Book October 2016



**Water and Wastewater Rates
Solid Waste Rates & Services
2010 Population Figures
Class of Cities
Local Tax Rates**

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Introduction

This is a snapshot of rate charges among utilities of like size and characteristics. Rates continually change. The reader is cautioned ---- data will become “dated” rather quickly. Within a year, a sufficient number of rate schedules and information may change. This can be viewed from our website at <http://www.bgadd.org>, select Publications, scroll down to Rate Book - **Water & Wastewater Rates/Population Estimates/Local Tax Rates**

Utility services rates are important to all of us. Service charges affect the pocketbooks of all consumers. Rates have been steadily rising due in part to increasingly stringent environmental standards, state and federal enforcement agencies, and capital construction projects to accommodate the population growth within the region.

Our best guesstimate is that 2.36% of the Bluegrass ADD population does not have access of a community water supply.

Comparative Water Rate Data and Fees

Tables 1-5 present data on charges for water service in the 17-county Bluegrass Area Development District. They are examined in three categories: medium and large size cities (population 2,500 and greater – Tables 1 and 2); smaller cities (under population 2,500 – Tables 3 and 4); and Rural/Suburban areas (Table 5).

- Table 6 presents data on water production in the Bluegrass ADD for calendar year 2015 (as compared to 2014).
- Table 7 presents seven-year water production averages (2009-2015) in the Bluegrass ADD.
- Table 8 presents data on water tap-on fees.
- Table 9 presents number of municipal water customers – inside city and outside city.
- Table 10 presents rural / suburban water utilities

Utilities Purchasing Water for Resale

Table 11 presents data on water utilities (generally the rural/suburban utilities) that purchase potable water from larger water suppliers for resale to their own customers.

Comparative Wastewater Rate Data and Fees

Tables 12-15 present data involving charges for wastewater service in the Bluegrass Area. They are examined in two categories: medium and large size cities (population 2,500 and greater – Tables 12 and 13) and smaller cities together with other non-municipal wastewater utilities (under population 2,500 – Tables 14 and 15).

Other Data

Tables 1, 2, 3, 4, 5, 12, 13, 14 and 15

Water and wastewater rates must be sufficient to operate and maintain the utility systems, and provide for needed capital improvements and/or expansions. Invariably, rates increase to meet these needs.

Often, customers resist rate increases because they lack information about the utility's operating and capital improvements costs. Factors which affect costs are:

- Operation and maintenance practices.
- The relative density of the customers.
Example: A water utility with 100 customers per mile of water line might be expected to have lower rates than one with 15 customers per mile.
- The infusion of outside funds.
Example: A utility built utilizing some federal or state grant funds should have the financial advantage over a like utility with no grant funds.
- Topographic/geologic consideration.
Example: A utility must install pipelines in areas where bedrock is near the surface will likely operate at a dollar disadvantage to a utility which encounters little rock in pipeline installation.
- The relative ease with which a water supply can be developed.
Example: A utility draws an adequate supply of water from a nearby source has the advantage over a utility which must otherwise develop an expensive water supply.
- The cost of progress.
Example: Due to the effects of inflation upon construction, the less capital investment a utility has made in recent years, the better is the likelihood for lower rates. Utilities serving and experiencing rapid growth areas are generally those which have to continually upgrade and/or expand their systems.
- Subsidies.
Example: Some utilities are water-wastewater-electric or water-wastewater-gas. As is the case with some of the Bluegrass District utilities, the cost of the water and wastewater systems may be subsidized by some other utility. Sometimes this can have a negative effect as is often the case when a garbage system is incorporated with a water and wastewater utility. In such cases, water and wastewater revenues can subsidize the garbage system.
- Legal diversion of funds.
Example: Some cities will use a portion of water and/or wastewater funds to supplement the General Fund account. Other cities draw from the General Fund to supplement water and/or wastewater utility operations.
- Economy of scale.
Example: The smaller the utility, the greater the probability manpower needs are being slighted, trained and dedicated people cannot be attracted, or, if employed, cannot be retained or paid a competitive wage. Similarly, with the purchase of supplies and materials, it is the large utility which normally purchases at the lower unit rate. It is generally true in the Bluegrass Area Development District, the larger the utility, the more efficient it can be and the level of service can be higher.

- Adequacy of facilities.
Example: The utility which was designed to meet long-range needs with respect to line sizing or treatment capacity may well be operating at a rate disadvantage—in the early years—when compared to a utility which was designed to meet only the needs of the near term.

Water and wastewater rates are difficult to compare from community to community for the following reasons:

- Some utilities use 1,000 gallons as the unit of measure. Others use 100 cubic feet (approximately equal to 750 gallons).
- Different utilities use different quantities as the amount available for the minimum bill. The most common quantity of water available for the minimum bill is 2,000 gallons per month.
- Different utilities use different rate bracketing systems.
- Some utilities charge for wastewater service as a direct percentage of water bills. This varies from 40 percent to well over 100 percent. In recent years, many utilities have implemented flat rate charges for every unit of wastewater service purchased above the minimum bill quantity.
- The rate schedules for some utilities are based on a billing period other than monthly.
- Some municipal utilities use a different rate schedule for residents outside the city limits, both for water and wastewater services.

Table 16 presents data on wastewater tap-on fees.

Table 17 presents data on measured flows at publicly-owned wastewater treatment plants in the Bluegrass area for calendar year 2010.

Table 18 presents number of sewer customers for municipalities.

Table 19 and 20 presents data on water and wastewater customers by county of residence.

Tables 21 and 22 present tabulations on the numbers of households and population unserved.

Tables 23 and 24 present population numbers from the 2010 Census.

Population growth or decline impacts future needs for water and wastewater service. Growing communities experience increased demand for extended services as well as greater loads on existing facilities. This requires serious planning to assure sufficient resources are available to meet future demand.

Table 25 presents solid waste charges and services

Table 26 presents low / moderate income percentages

Table 27 presents Bluegrass Area cities by class

Table 28 presents local tax rates for cities, counties, and special districts in the Bluegrass ADD.

Communities need services, facilities and infrastructure that usually can only be provided by local governments or local utilities. That vast network of capital-intensive services (including roads, water provision, wastewater services, and electrical supply) is critical to current and future economic vitality of the local communities.

The mechanisms for funding infrastructure and their role in local spending are complex. Most communities rely on a combination of local tax revenues, federal and state aid, as well as user fees to generate revenue to maintain existing services, facilities, and infrastructure and to undertake new spending for capital projects to meet current and future needs.

Kentucky River Locks, Dams and Intakes in Central Kentucky Area

Pursuant to KRS 151.723, The Kentucky River Authority (KRA) is required for each year of the biennium to establish a rate of water withdrawal use fees which shall be based upon the total amount of funds necessary to carry out the functions, projects and expenses authorized by the Kentucky General Assembly. Resolution 2007-2 by the Kentucky River Authority passed on December 13, 2007, established two withdrawal fees. Tier I rates apply to virtually all who withdraw water from the river's main stem. Tier I charges are presently set at 2.2 cents for each 1,000 gallons.

Tier II rates apply to virtually all who withdraw water from any point in the Kentucky River watershed. Utilities that withdraw water from the river's main stem therefore pay the Tier I and the Tier II fee. At the March 6, 2013 meeting, the Kentucky River Authority passed a resolution to increase the Tier II water user fee to 13.0 cents per 1,000 gallons. This new rate was made effective on July 1, 2013 and began appearing on billings issued August 1, 2013. This rate increase was necessary to finance the reconstruction of dams providing water supply to within the Bluegrass region.

Some utilities pass KRA water withdrawal fees on to their customers as a separate and distinct line on the water bill (apart from the utility's rate schedule or tariff). Other utilities simply absorb the KRA water withdrawal fee as still another operation and maintenance cost and then establish their rate schedule so as to recover the cost of the withdrawal fee.

Comparative Water Rate Data

Tables 1, 2, 3, 4, and 5

These tables compare monthly water rates at different usage levels. The usage levels were selected, in part, for their ease of conversion to cubic feet (one hundred cubic feet is approximately equal to 750 gallons):

2,000 gal	or	267 cf	This represents a minimum quantity for many utilities.
3,000 gal	or	400 cf	This could represent the small family of modest means.
4,000 gal	or	535 cf	This is frequently defined as an "average" residential consumption.
6,000 gal	or	800 cf	This could represent the average family with children, cars to wash, and occasional yard watering.
30,000 gal	or	4,000 cf	This could represent the average commercial establishment, e.g., a busy service station or restaurant.
300,000 gal	or	40,000 cf	This could represent an industrial customer. (Tables 1 and 2 only)

For each usage level, the utility's rank among comparable utilities and the percent deviation from the average are presented.

Tables 3, 4 and 5 contain a column identifying the cost per thousand gallons for the quantity which can be purchased for the minimum monthly water bill. This quantity varies from city-to-city, and much care should be exercised in drawing conclusions at this usage level.

For Tables 3, 4 and 5, no "300,000 gallons per month" usage category is included. This is because few utilities of this population class have such large customers in terms of water usage.

Table 5 rate data is for 35 different rural/suburban water utilities. Of the utilities whose rates are compared, 23 are "KRS 74" water districts and 8 are "KRS 273" water associations (non-profit corporations). Several water utilities are listed more than once because they have different rates even within their utilities. For the reader unfamiliar with the geographical location of some of the rural water utilities listed, Table 5 also shows the principal county of service for each.

Table 1
WATER RATE COMPARISON
 City Customers
 Bluegrass Area Cities Over Population 2,500
 (In Gallons and Cubic Feet)

Effective Date for Rates	Min. Bill	Min. Quantity (gal.)	Cost Per Month For:																		
			2,000 (gal.) (267 cf)	Rank	% Dev. from Mean	3,000 (gal.) (400 cf)	Rank	% Dev. from Mean	4,000 (gal.) (535 cf)	Rank	% Dev. from Mean	6,000 (gal.) (800 cf)	Rank	% Dev. from Mean	30,000 (gal.) (4,000 cf)	Rank	% Dev. from Mean	300,000 (gal.) (40,000 cf)	Rank	% Dev. from Mean	
Berea	Jul-10	\$ 11.50	1500	\$ 14.41	14	9	\$ 20.22	14	13	\$ 26.03	14	14	\$ 37.66	15	17	\$ 167.51	13	20	\$ 1,121.10	6	-11
Cynthiana	Jan-16	9.05	2000	9.05	3	-31	12.55	2	-30	16.05	2	-29	23.05	2	-29	85.45	3	-39	623.85	2	-50
Danville*	Aug-16	8.44	750	13.14	12	0	16.19	7	-10	18.99	6	-17	24.61	3	-24	85.11	2	-39	1,268.48	8	1
Frankfort *	Aug-16	7.60	0	17.50	16	33	22.45	16	25	27.40	15	20	37.30	14	16	154.00	11	11	1,464.00	13	17
Georgetown	Nov-07	8.54	2000	8.54	2	-35	13.34	3	-26	18.14	3	-20	27.74	5	-14	142.94	10	3	1,438.94	12	15
Harrodsburg	Sep-12	9.87	1875	10.50	6	-20	15.50	5	-14	20.50	7	-10	30.50	9	-6	138.11	8	-1	992.14	5	-21
Irvine	May-16	10.49	2000	10.49	5	-21	15.62	6	-13	20.75	8	-9	31.01	10	-4	154.13	12	11	1,539.23	14	23
Lancaster	Jul-13	12.59	1000	18.94	17	44	25.29	17	41	31.64	17	39	43.60	17	35	178.42	17	28	1,563.52	15	25
Lawrenceburg**	Mar-16	14.36	2000	14.36	13	9	18.78	13	5	23.20	11	2	32.04	11	-1	138.12	9	-1	1,291.52	9	3
KAWC*	Aug-16	12.49	0	24.53	18	86	30.55	18	70	36.57	18	61	48.61	18	51	176.07	16	26	1,355.76	11	8
Nicholasville*	Aug-13	4.25	0	12.51	10	-5	16.64	9	-7	20.77	9	-9	29.03	7	-10	128.40	6	-8	1,243.80	7	-1
Paris	Jan-91	8.34	2000	8.34	1	-37	11.19	1	-38	14.04	1	-38	19.74	1	-39	79.34	1	-43	579.54	1	-54
Richmond	Jul-16	10.75	2250	10.75	7	-19	13.95	4	-22	18.21	4	-20	26.71	4	-17	96.00	4	-31	941.33	4	-25
Stanford	Jun-13	12.24	2000	12.24	8	-7	16.35	8	-9	20.46	6	-10	28.68	6	-11	121.52	5	-13	852.32	3	-32
Stanton	Mar-16	16.92	2000	16.92	15	28	22.40	15	25	27.88	16	22	38.84	16	20	170.36	14	22	1,649.96	17	32
Versailles	Jul-16	7.96	1000	12.36	9	-6	16.76	10	-7	21.16	10	-7	29.96	8	-7	135.56	7	-3	1,304.06	10	4
Wilmore	Jul-16	10.43	2000	10.43	4	-21	16.87	11	-6	23.31	12	2	35.47	12	10	172.75	15	46	1,717.15	18	37
Winchester	Jan-14	4.98	750	12.53	11	-5	18.57	12	3	24.61	13	8	36.69	13	14	181.65	18	31	1,636.05	16	30
Average		\$ 10.04		\$ 13.20			\$ 17.96			\$ 22.76			\$ 32.29			\$ 139.19			\$ 1,254.60		

*Rates based on assumed meter sizes as follows: 5/8" for 3,000, 4,000 & 6,000 gallons (Residential); 1" for 30,000 gallons (Commercial); and 3" for 300,000 gallons (Industrial).

Note 1: Beach Fork Water Commission is a water wholesaler in Powell County. Its wholesale rate is \$2.732/1,000 gallons.

Note 2: For the few water utilities that show the Kentucky River Authority fee as a separate line on their utility bills, that small fee has been incorporated into the above figures to facilitate rate comparisons. This fee was increased to \$0.13 effective July 1, 2013 up from \$0.10.

Rank:

Highest
Lowest

Table 2
WATER RATE COMPARISON
Out-of-City Customers
Bluegrass Area Cities Over Population 2,500
(In Gallons and Cubic Feet)

UPDATED 11-6-2016

	Effective Date for Rates	Min. Bill	Min. Quantity (gal.)	Cost Per Month For:																	
				2,000 (gal.) (267 cf)	Rank	% Dev. from Mean	3,000 (gal.) (400 cf)	Rank	% Dev. from Mean	4,000 (gal.) (535 cf)	Rank	% Dev. from Mean	6,000 (gal.) (800 cf)	Rank	% Dev. from Mean	30,000 (gal.) (4,000 cf)	Rank	% Dev. from Mean	300,000 (gal.) (40,000 cf)	Rank	% Dev. from Mean
Berea*	Jul-10	\$ 11.50	1500	\$ 14.41	10	-11	\$ 20.22	10	-8	\$ 26.03	10	-6	\$ 37.66	11	-4	\$ 167.51	13	1	\$ 1,121.10	6	-23
Cynthiana	Jan-16	12.67	2000	12.67	5	-22	17.57	5	-20	22.47	4	-19	32.27	5	-18	119.63	2	-28	873.39	2	-40
Danville ³	Aug-16	13.99	750	21.76	18	34	26.81	16	22	31.46	15	13	40.77	12	4	140.99	6	-15	1,268.48	8	-13
Frankfort	Aug-16	7.60	0	20.58	16	27	27.07	17	23	33.56	17	21	46.54	16	19	154.00	10	-8	1,464.00	13	1
Georgetown	Nov-07	8.54	2000	8.54	1	-18	13.34	1	-39	18.14	2	-22	27.74	2	-22	142.94	7	-17	1,438.94	12	-16
Harrodsburg	Sep-12	9.87	1875	10.50	3	-35	15.50	3	-30	20.50	3	-26	30.50	3	-22	138.11	4	-17	992.14	4	-32
Irvine	May-16	13.79	2000	13.79	7	-15	21.07	11	-4	28.35	12	2	42.91	14	9	217.63	18	31	2,183.23	19	50
Lancaster	Jul-13	18.89	1000	28.41	20	75	37.94	20	72	47.46	20	71	65.40	20	67	267.57	20	61	2,343.90	20	62
Lawrenceburg**	Mar-16	14.36	2000	14.36	9	-11	18.78	8	-15	23.20	6	-17	32.04	4	-18	138.12	5	-17	1,291.52	9	-11
KAWC*	Jul-13	12.49	0	24.53	19	51	30.55	19	39	36.57	19	31	48.61	18	24	176.07	15	6	1,355.76	10	-7
Nicholasville	Aug-13	6.35	0	18.57	14	14	24.68	14	12	30.79	13	11	43.01	15	10	189.95	16	14	1,838.75	16	27
Paris	Jan-91	11.06	2000	11.06	4	-32	14.49	2	-34	17.92	1	-36	24.78	1	-37	97.30	1	-42	716.10	1	-51
Richmond	Jul-16	13.60	2250	13.60	6	-16	17.64	6	-20	23.03	5	-17	33.43	7	-15	150.87	8	-9	1,225.75	7	-16
Richmond ¹	Jul-16	18.60	2000	18.60	15	15	24.75	15	13	30.90	14	11	41.36	13	5	151.28	9	-9	1,387.88	11	-4
Stanford	Jun-13	13.97	2000	13.97	8	-14	18.64	7	-15	23.31	7	-16	32.65	6	-17	137.69	3	-17	962.38	3	-34
Stanford ²	Jun-13	16.02	2000	16.02	12	-1	21.36	12	-3	26.70	11	-4	37.38	10	-5	157.74	11	-5	1,098.34	5	-24
Stanton	Mar-16	21.57	2000	21.57	17	33	28.50	18	30	35.43	18	27	49.29	19	26	215.61	17	29	2,086.71	17	44
Versailles	Jul-16	9.53	1000	14.66	11	-10	19.79	9	-10	24.92	9	-10	35.18	8	-10	158.30	12	-5	1,501.40	14	3
Wilmore*	Jul-16	10.43	2000	10.43	2	-36	16.87	4	-23	23.31	7	-16	35.47	9	-10	172.75	14	4	1,717.15	15	18
Winchester	Jan-14	6.52	750	16.40	13	1	24.31	13	11	32.22	16	16	48.03	17	22	237.79	19	43	2,151.79	18	48
Average		\$ 12.57		\$ 16.22			\$ 21.99			\$ 27.81			\$ 39.25			\$ 166.59			\$ 1,450.94		

*same as city rates

**Lawrenceburg's charge for 300,000 gallons/month is based upon the industrial rate.

¹ Milford

² Hubble

³ Junction City and Perryville

Rank:

Highest
Lowest

Table 3
WATER RATE COMPARISON
 City Customers
 Bluegrass Area Cities Under Population 2,500
 (In Gallons and Cubic Feet)

Effective Date for Rates	Min. Bill	Min. Quantity (gal.)	Min. Quantity (cf)	Cost Per Month For:																	
				2,000 (gal.) (267 cf)			3,000 (gal.) (400 cf)			4,000 (gal.) (535 cf)			6,000 (gal.) (800 cf)			30,000 (gal.) (4000 cf)					
					Rank	% Dev. From Mean		Rank	% Dev. From Mean		Rank	% Dev. From Mean		Rank	% Dev. From Mean		Rank	% Dev. From Mean			
Burgin	May-11	\$ 14.90	750	100	\$ 26.26	7	16	\$ 35.36	8	19	\$ 54.22	8	29	\$ 76.75	9	37	\$ 305.40	8	20		
Carlisle	Jul-16	20.80	2000	267	20.80	5	-8	28.31	6	-5	35.82	5	-15	50.17	5	-10	202.33	4	-21		
Clay City	Jul-14	17.44	2000	267	17.44	3	-23	23.89	3	-20	30.34	3	-28	43.24	2	-23	198.04	3	-22		
Crab Orchard	May-11	16.83	2000	267	16.83	2	-26	23.22	2	-22	29.61	2	-29	43.48	3	-22	208.85	5	-18		
Eubank	May-11	14.00	1000	133	20.50	4	-10	27.00	5	-9	33.50	4	-20	45.80	4	-18	185.00	2	-27		
Hustonville	Nov-14	11.50	2000	267	11.50	1	-49	16.48	1	-45	21.45	1	-49	26.43	1	-53	43.49	1	-83		
Midway	Dec-10	11.64	1000	133	22.94	6	1	34.24	7	15	45.54	6	8	68.14	7	22	339.34	9	33		
Millersburg*	Jul-15	15.66	1000	133	31.32	9	38	25.78	4	-13	62.64	10	49	53.46	6	-4	469.80	10	84		
N.Middletown**	Sep-16	27.42	2000	267	27.42	8	21	39.01	9	31	50.60	7	21	72.58	8	30	291.74	6	14		
N.Middletown***	Sep-16	32.23	2000	267	32.23	10	42	44.12	10	48	56.01	9	33	78.59	10	41	304.95	7	20		
Average		\$ 18.24			\$ 22.72			\$ 29.74			\$ 41.97			\$ 55.86			\$ 254.89				

* Millersburg was recently purchased by Kentucky American Water Company so their rates follow the KAWC fee schedule.

** Customers who also receive sewer service have a reduced rate to compensate for additional sewer bills

***Customers who do not receive sewer services pay a higher fee

Rank:

Highest
Lowest

Table 4
WATER RATE COMPARISON
Out-of-City Customers
Bluegrass Area Cities Under Population 2,500
(In Gallons and Cubic Feet)

Effective Date for Rates	Min. Bill	Min. Quantity (gal.)	Min. Quantity (cf)	Cost Per Month For:															
				2,000 (gal.) (267 cf)	Rank	% Dev. From Mean	3,000 (gal.) (400 cf)	Rank	% Dev. From Mean	4,000 (gal.) (535 cf)	Rank	% Dev. From Mean	6,000 (gal.) (800 cf)	Rank	% Dev. From Mean	30,000 (gal.) (4000 cf)	Rank	% Dev. From Mean	
Burgin*	Aug-10	\$ 14.90	750	100	\$ 30.08	8	24	\$ 42.16	8	24	\$ 54.22	8	25	\$ 76.75	8	25	\$ 305.40	8	19
Carlisle	Jul-16	22.33	2000	267	22.33	5	-8	30.13	4	-11	37.93	4	-13	52.83	4	-14	206.03	3	-20
Clay City	Jul-14	21.99	2000	267	21.99	4	-10	31.22	5	-8	40.45	5	-7	58.91	5	-4	280.43	5	9
Crab Orchard	May-11	21.63	2000	267	21.63	3	-11	28.64	3	-15	35.65	2	-18	50.60	3	-18	227.41	4	-12
Eubank	May-11	14.00	1000	133	20.50	2	-16	27.00	1	-20	33.50	1	-23	45.80	1	-26	185.00	2	-28
Hustonville	Nov-14	19.41	200	267	19.41	1	-20	27.81	2	-18	36.21	3	-17	48.88	2	-21	169.98	1	-34
Millersburg**	Jul-15	11.60	1000	133	23.20	6	-5	34.80	6	3	46.40	6	7	69.60	6	13	348.00	9	35
N.Middleton**	Sep-16	27.42	2000	267	27.42	7	13	39.01	7	15	50.60	7	16	72.58	7	18	291.74	6	13
N.Middleton***	Sep-16	32.23	2000	267	32.23	9	33	44.12	9	30	56.01	9	29	78.59	9	28	304.95	7	18
Average		\$ 20.61			\$ 24.31			\$ 33.88			\$ 43.44			\$ 61.62			\$ 257.66		

*same as city rates

** Millersburg was recently purchased by Kentucky American Water Company so their rates follow the KAWC fee schedule.

Rank:

Highest
Lowest

**Table 5
WATER RATE COMPARISON
Rural / Suburban Water Utilities
(In Gallons and Cubic Feet)**

	Effective Date for Rates	Cost Per Month For:																Principal County of Service	
		Min. Bill	Min. Quantity (gal.)	2,000 Gallons (267 cf)	Rank	% Dev. From Mean	3,000 Gallons (400 cf)	Rank	% Dev. From Mean	4,000 Gallons (535 cf)	Rank	% Dev. From Mean	6,000 Gallons (800 cf)	Rank	% Dev. From Mean	30,000 Gallons (4000 cf)	Rank		% Dev. From Mean
Corinth WD*	Oct-14	\$ 18.19	1000	\$ 31.53	32	40	\$ 44.87	34	49	\$ 58.21	35	55	\$ 83.47	35	60	\$ 340.95	34	62	Grant
E. Casey Co. WD*	Jul-12	16.60	2000	16.60	6	-27	23.70	7	-21	30.80	8	-18	44.70	11	-14	191.40	12	-9	Casey
E. Clark Co. WD	Mar-14	25.86	2000	25.86	26	14	36.54	30	22	47.22	31	26	68.58	32	32	300.50	33	43	Clark
Elkhorn WD	Nov-14	14.93	2000	14.93	3	18	20.75	3	-31	26.57	5	-29	37.63	4	-28	194.34	13	-8	Franklin
Estill Co. WD	Jul-15	17.14	2000	17.14	7	-24	25.48	10	-15	33.86	12	-10	50.34	17	-3	207.86	19	-1	Estill
Estill Co. WD (Cobhill)	Jul-15	21.95	2000	21.95	19	-3	30.29	21	1	38.67	22	3	55.15	20	6	212.67	20	1	Estill
Farmdale WD	Nov-15	17.26	2000	17.26	8	-24	22.89	6	-24	28.53	5	-24	39.32	6	-25	165.70	8	-21	Franklin
Garrard Co. WA	Jun-15	10.56	1000	16.22	5	-28	20.78	4	-31	25.14	3	-33	33.56	2	-36	131.00	2	-38	Garrard
Harrison Co. WA	Feb-16	18.89	2000	18.89	10	-16	26.02	11	-13	32.97	11	-12	46.33	12	-11	383.27	35	82	Harrison
Jackson Co. WA	Nov-10	20.58	2000	20.58	14	-9	29.61	18	-1	38.64	21	3	56.70	26	9	257.92	31	22	Jackson
Jessamine Co. WD #1	May-15	28.00	3000	28.00	31	24	28.00	13	-7	34.60	14	-8	47.80	14	-8	201.80	16	-4	Jessamine
Jessamine S. Elkhorn WD (NW Co.)	Nov-13	26.28	2000	26.28	27	16	33.77	27	12	41.26	27	10	56.04	24	8	229.00	26	9	Jessamine
Jessamine S. Elkhorn WD (SE Co.)	Nov-13	32.78	2000	32.78	33	45	40.27	32	34	47.76	32	27	68.92	33	32	235.47	27	12	Jessamine
Judy WA*	Aug-15	12.90	1000	21.43	17	-5	29.96	19	0	38.49	19	3	54.65	19	5	219.77	24	4	Montgomery
Judy WA (Bourbon Co.)*	Aug-15	29.67	1000	38.20	35	69	46.73	35	56	55.26	34	47	71.42	34	37	236.54	28	12	Montgomery
Kirksville WA*	Sep-15	19.49	2000	19.49	12	-14	28.88	16	-4	38.18	17	2	55.49	22	6	221.26	25	5	Madison
Lake Village WA*	May-16	26.40	2000	26.40	28	17	36.65	31	22	46.89	30	25	67.39	31	29	293.60	32	39	Mercer
Madison Co. Utilities WD*	Jul-15	16.14	2100	16.14	4	-29	22.26	5	-26	29.06	6	-23	42.66	8	-18	199.26	14	-5	Madison
McKinney WD	Mar-16	14.20	1000	22.87	21	1	31.54	23	5	38.80	23	3	53.32	18	2	213.96	21	2	Lincoln
N. Mercer WD*	Sep-12	16.59	1000	23.58	22	4	30.57	22	2	36.86	16	-2	49.24	15	-6	189.40	11	-10	Mercer
N. Shelby Water Co.	Nov-15	18.12	2000	18.12	9	-20	24.99	8	-17	31.86	9	-15	44.22	9	-15	162.15	7	-23	Shelby
N.E. Woodford WD	Jul-13	12.66	2000	12.66	1	-44	16.78	1	-44	20.90	1	-44	28.56	1	-45	116.08	1	-45	Woodford
Nicholas Co. WD	Sep-15	14.62	1000	21.57	18	-5	28.52	14	-5	34.22	13	-9	44.47	10	-15	143.52	3	-32	Nicholas
Parksville WD*	May-15	29.75	1000	36.05	34	60	42.35	33	41	48.65	33	30	61.53	29	18	244.65	30	16	Boyle
Peaks Mill WD*	May-15	27.00	2000	27.00	29	19	36.19	29	20	45.38	29	21	62.54	30	20	202.42	17	-4	Franklin
Powells Valley WD*	Jan-14	21.08	2000	21.08	15	-7	30.21	20	1	39.34	24	5	55.80	23	7	240.60	29	14	Powell
Reid Village WD*	Aug-15	25.09	2000	25.09	24	11	33.44	26	11	41.20	25	10	56.11	25	8	215.31	22	2	Montgomery
S. Anderson WD*	Jul-15	19.47	2000	19.47	11	-14	29.03	17	-3	38.59	20	3	55.46	21	6	200.85	15	-5	Anderson
S. Madison WD**	Nov-11	12.78	2000	12.78	2	-43	19.07	2	-37	24.96	2	-33	36.74	3	-29	147.92	6	-30	Madison
S. Woodford WD*	Jul-13	20.20	2000	20.20	13	-11	25.05	9	-17	29.90	7	-20	39.18	5	-25	143.94	4	-32	Woodford
S. Woodford WD (Phase 3)*	Jul-13	22.20	2000	22.20	20	-2	27.05	12	-10	31.90	10	-15	41.18	7	-21	145.94	5	-31	Woodford
Sharpsburg WD	Feb-16	25.60	2000	25.60	25	13	31.91	24	6	38.22	18	2	50.18	16	-4	180.58	10	-14	Bath
US 60 WD	Nov-14	13.89	1000	21.33	16	26	28.77	15	32	34.95	15	42	46.70	13	-10	180.38	9	-14	Shelby
W. Fleming WD*	Oct-14	15.01	1000	23.75	23	5	32.49	25	8	41.23	26	10	58.71	27	13	202.73	18	-4	Fleming
W. Rockcastle WA	Aug-12	27.94	2000	27.94	30	24	36.06	28	20	44.18	28	18	59.78	28	15	217.20	23	3	Rockcastle
Average		\$ 20.28		\$ 22.60			\$ 30.04			\$ 37.52			\$ 52.11			\$ 210.57			

Rates based on assumed meter sizes as follows: 5/8" for 3,000, 4,000 & 6,000 gallons (Residential); 1" for 30,000 gallons (Commercial) *unless otherwise noted.

*Cost to 30,000 gallons is based on Residential rates

**includes Kentucky River Authority Withdrawal Fee 0.0253/1,000 gallons

Rank:

**Table 6
WATER PRODUCTION FOR CALENDAR YEAR 2015**

Water Utility Name	Existing Capacity (MGD)	2015 Avg. Daily Treated (MGD)	Avg. as % of Capacity	5% of Days are Equal to or Greater Than: (MGD)	Peak Day Day (MGD)	Historic Peak		2014 Avg. Daily Treated (MGD)	Percent Change 2014/2015
						Year	(MGD)		
Beech Fork Comm.	1.94	1.131	58%	1.259	1.640	1999	1.726	1.140	-0.789%
Berea Municipal	6.00	2.918	49%	3.333	4.341	2015	4.341	2.940	-0.007
Carlisle	1.37	0.590	43%	0.670	0.920	2004	1.220	0.590	0.000
Cynthiana	6.00	2.270	38%	2.734	3.452	2012	3.721	2.000	0.135
Danville	10.00	5.096	51%	6.320	6.835	2010	7.238	4.690	0.087
Frankfort Water Plant Board	18.00	8.060	45%	10.062	11.841	2012	16.169	8.479	-0.049
Georgetown Municipal*	4.00	2.510	63%	2.965	3.398	2013	5.418	2.400	0.046
Harrodsburg	4.00	2.734	68%	3.514	5.448	2015	5.448	2.900	-0.057
Irvine Municipal	2.00	1.300	65%	1.548	1.707	2008	1.987	1.180	0.102
KAWC**	90.00	38.900	43%	48.470	54.470	2002	73.580	36.57	0.064
Lancaster	2.50	1.570	63%	1.530	2.046	2005	2.879	1.500	0.047
Lawrenceburg	4.00	2.203	55%	2.544	2.951	2007	3.302	2.200	0.001
Nicholasville	9.00	3.994	44%	4.618	5.577	2011	7.728	4.300	-0.071
Paris	3.00	2.097	70%	2.309	3.006	2015	3.344	1.810	0.159
Richmond Utilities	12.00	6.870	57%	8.610	10.637	2015	10.500	6.260	0.097
Stanford Water Comm.	2.00	1.050	53%	1.349	1.800	2015	1.800	1.050	0.000
Versailles	10.00	2.917	29%	3.020	3.990	2005	5.769	3.295	-0.115
Wilmore	2.00	0.653	33%	0.816	1.036	2015	1.040	0.550	0.187
Winchester Municipal	6.00	4.370	73%	5.030	5.565	1991	5.524	3.950	0.106
TOTAL	193.81	91.23	47%		--			87.80	0.039

Other water treatment plants, outside the Bluegrass Area, provide potable water to residents within the Bluegrass Area.

Information on five such water treatment plants follows:

Mt. Sterling Commission	4.30	2.991	70%	3.924	4.320	-	-	2.574	29%
Shelbyville Commission	6.00	2.670	45%	3.205	3.370	2005	5.345	2.800	52%
Somerset	10.00	7.636	76%	10.140	10.380	-	-	8.500	111%
Mt. Vernon	4.00	1.440	36%	2.300	2.020	-	-	2.000	139%
TOTAL (all utilities)	24.30	14.74	2.26	19.57	20.09		5.35	15.87	3.31

*Georgetown supplements with purchases from FEWPB and KAWC

**Avg Daily Treated amount is a total of the averages from KAWC's three treatment plants, Peak day amount is shown as the peak total production of all three KAWC Treatment plants whereas the days of peak production at each individual plant may have varied.

**Table 7
SEVEN-YEAR WATER PRODUCTION FOR 2009-2015**

Water Utility Name	Existing Capacity (MGD)	2009 Avg. Daily Treated Water (MGD)	2010 Avg. Daily Treated Water (MGD)	2011 Avg. Daily Treated (MGD)	2012 Avg. Daily Treated (MGD)	2013 Avg. Daily Treated (MGD)	2014 Avg. Daily Treated (MGD)	2015 Avg. Daily Treated (MGD)	7 Year Daily Treated Water Avg. (MGD)	7 Year Avg. as % of Present Capacity
Beech Fork Comm.	1.94	1.163	1.194	1.083	1.140	1.140	1.110	1.131	1.15	59.1
Berea Municipal	4.00	2.672	2.880	2.913	2.940	2.940	2.878	2.918	2.82	70.5
Carlisle	1.37	0.565	0.474	0.471	0.590	0.590	0.581	0.590	0.50	36.7
Cynthiana	6.00	1.896	2.030	1.842	2.000	2.000	2.148	2.270	1.92	32.0
Danville	10.00	5.410	5.605	5.359	4.690	4.690	5.592	5.592	5.10	51.0
Frankfort Water Plant Board	18.00	7.742	8.928	8.151	7.870	8.479	8.023	8.060	8.27	46.0
Georgetown	4.00	2.255	2.229	2.330	2.140	2.400	2.550	2.510	2.27	56.8
Harrodsburg	4.00	2.724	2.819	2.388	2.780	2.900	3.060	2.734	2.64	66.1
Irvine Municipal	2.00	1.441	1.432	1.252	1.180	1.180	1.032	1.300	1.38	68.8
KAWC	84.00	37.230	40.471	40.890	39.434	36.570	38.428	38.900	39.53	47.1
Lancaster	2.10	1.514	1.560	1.296	1.500	1.500	1.190	1.570	1.46	69.4
Lawrenceburg	4.00	2.203	2.085	2.028	2.200	2.200	2.203	2.203	2.11	52.6
Nicholasville	9.00	3.614	4.349	4.171	4.300	4.300	3.875	3.994	4.04	44.9
Paris	3.00	1.617	1.810	1.934	1.810	1.810	1.885	2.097	1.79	59.6
Richmond Utilities	12.00	6.370	6.744	6.153	6.260	6.260	6.500	6.870	6.42	53.5
Stanford Water Comm.	2.00	1.059	1.136	1.063	1.050	1.050	1.096	1.050	1.09	54.3
Versailles	10.00	2.908	3.257	2.920	3.030	3.295	3.027	2.917	3.03	30.3
Wilmore	2.00	0.517	0.541	0.539	0.550	0.550	0.550	0.653	0.53	26.6
Winchester Municipal	6.00	4.050	4.155	4.200	4.300	3.950	4.200	4.370	4.14	68.9
SUB-TOTAL	185.41	86.95	93.70	90.98	89.76	87.80	89.93	91.73	90.18	48.6

Bluegrass Area residents receive potable water from the following water treatment plants not in the Bluegrass District:

Mt. Sterling Commission	4.50	2.814	2.895	2.570	2.570	2.570	2.830	2.991	2.96	65.9
Shelbyville Commission	6.00	2.738	2.938	3.170	3.170	3.170	2.670	2.670	3.41	56.8
Somerset	10.00	8.375	8.894	7.980	7.980	7.980	7.636	7.636	8.41	84.1
Mt. Vernon	4.00	2.245	2.355	1.570	1.570	1.570	1.570	1.440	2.13	53.1
TOTAL	189.41	89.20	96.05	92.55	91.33	89.37	91.50	14.74	105.63	101.78

Total Annual Precipitation*	54	38	66	42	59	55	59
Precipitation percent above / below average for Lexington gauge**	18	-17	47	-2	-14	10	14

*Total annual precipitation based on calendar year.

**Precipitation percent above/below the average for Lexington is based on a cumulative moving average. Cumulative moving averages are calculated by averaging each of the monthly averages 1981 to present.

**Table 8
WATER TAP-ON FEES**

	3/4x5/8	1" Meter	2" Meter
Berea	\$425	\$750	\$2,000
Burgin	\$500	Actual Cost	Actual Cost
Carlisle	\$500		
Clay City	\$950	\$1,150	Actual Cost
Corinth WD	\$800	\$1,000	Actual Cost
Crab Orchard - Inside	\$450	Actual Cost	Actual Cost
- Outside	\$475	Actual Cost	Actual Cost
Cynthiana	\$800	\$1,000	\$1,500
Danville	\$50	\$50 + T&M**	\$50 + T&M**
East Casey County WD	\$445	Actual Cost	Actual Cost
East Clark County WD	\$907	Actual Cost	Actual Cost
Elkhorn WD	\$1,030	\$1,310	Actual Cost
Estill County WD	\$660	Actual Cost	Actual Cost
Farmdale WD	\$1,132	Actual Cost	Actual Cost
Frankfort	\$1,394	\$1,971	Actual Cost
Garrard County WA	\$725	\$875	Actual Cost
Georgetown	\$1,500	\$2,100	\$4,350
Harrison County WA	\$1,000	Actual Cost	Actual Cost
Harrodsburg	\$965	\$1,646	\$2,837
Hustonville	\$575	Actual Cost	Actual Cost
Irvine - Inside	\$700	Actual Cost	Actual Cost
- Outside	\$800	Actual Cost	Actual Cost
Jackson County WA	\$600	Actual Cost	Actual Cost
Jessamine S. Elkhorn WD	\$950	\$1,200	Actual Cost
Jessamine Co. WD #1	\$900	Actual Cost	Actual Cost
Judy WA	\$750	Actual Cost	Actual Cost
Kentucky American WC ¹	\$1,078	\$1,576	\$3,563
Kirksville WA	\$1,000	\$1,135	Actual Cost
Lake Village WA	\$450	Actual Cost	Actual Cost
Lancaster	\$600	Actual Cost	Actual Cost

	3/4x5/8	1" Meter	2" Meter
Lawrenceburg	\$1,000	\$1,000	\$1,500
Madison Co. Utilities WD	\$1,120	Actual Cost	Actual Cost
McKinney WD	\$500	Actual Cost	Actual Cost
Midway	\$850	\$1,000	\$1,000
Nicholas County WD	\$625	Actual Cost	Actual Cost
Nicholasville	\$800	\$1,000	\$3,000
North Mercer WD	\$650	Actual Cost	Actual Cost
North Shelby Water Co.	\$1,000	\$1,275	Actual Cost
Northeast Woodford WD	\$844	\$1,035	Actual Cost
North Middletown - Inside	\$400	Actual Cost	Actual Cost
- Outside	\$500	Actual Cost	Actual Cost
Paris	\$500	\$500	\$500
Parksville WD	\$550	\$550	\$550
Peaks Mill WD	\$1,160	\$1,430	Actual Cost
Powells Valley WD	\$967	Actual Cost	Actual Cost
Reid Village WD	\$650	\$650	\$650
Richmond	\$700	\$800	\$2,400
Sharpsburg WD	\$850	Actual Cost	Actual Cost
South Anderson WD	\$1,000	Actual Cost	Actual Cost
South Woodford WD	\$400	\$450	Actual Cost
Southern Madison WD	\$700	Actual Cost	Actual Cost
Stanford***	\$200	\$750 + T&M**	\$750 + T&M**
Stanford (Hubble/Pine Hall)	\$750	\$250 + T&M**	\$250 + T&M**
Stanton	\$950	\$1,050	Actual Cost
US 60 WD	\$1,000	\$1,275	Actual Cost
Versailles (includes sewer)	\$2,000	\$2,300	\$3,500
Western Fleming WD	\$850	Actual Cost	Actual Cost
Western Rockcastle WA	\$700	Actual Cost + T&M	Actual Cost + T&M
Wilmore	\$1,000	\$1,800	\$7,110
Winchester*	\$700	\$1,100	\$2,250

*Winchester also charges a System Development Charge (in most cases, the same as an impact fee).

Significantly higher SDC's are imposed for customers who require a larger meter.

Winchester has also begun to implement a privilege fee charge.

**Time & Materials

***\$250 outside the City Limits

¹Includes City of Millersburg

**Table 9
NUMBER OF WATER CUSTOMERS FOR MUNICIPALITIES
2015**

Utility Name	Residential		Commercial	Industrial & Other	Total
	Inside City	Outside City			
Berea	3,561	41	376	123	4,101
Berry					Note 1
Burgin	446	18	30		494
Carlisle	863	54	78	105	1,100
Clay City	450	167	55	5	677
Crab Orchard	285	260	31		576
Cynthiana	2,147	103	217	80	2,547
Danville	6,880	3,292			10,172
Eubank	126	4,045	121		4,292
Frankfort	11,451	1,863	2,442	42	15,798
Georgetown	8,736	2,911	1,253	12	12,912
Harrodsburg	2,776	241	241	100	3,358
Hustonsville	361	1,534	15	1	1,911
Irvine	1,234	580	164	4	1,982
Junction City					Note 2
Lancaster	1,464	77	176	50	1,767
Lawrenceburg	4,312	1,515	340	12	6,179
Lexington-Fayette					Note 3
Midway	667	19	44		730
Millersburg					Note 3
Nicholasville	10,273	2,409	865	23	13,570
North Middletown	264	137			401
Paris	4,205	175	607		4,987
Perryville					Note 2
Ravenna					Note 4
Richmond	10,289	103	1,126	28	11,546
Sadieville					Note 3
Stamping Ground					Note 5
Stanford	1,591	1,590	239	5	3,425
Stanton	1,111	946	201		2,258
Versailles	4,630	948	733	7	6,318
Wilmore	1,647	246	73		1,966
Winchester	8,211	2,592	849	60	11,712

Note 1: Retail service by Harrison County Water Association

Note 2: Retail service provided by Danville; customer totals included with Danville

Note 3: Retail service provided by Kentucky-American Water Company

Note 4: Retail service provided by Irvine; customer totals included with Irvine

Note 5: Retail service provided by Georgetown; customer totals included with Georgetown

Table 10
CUSTOMERS BY TYPE FOR RURAL/SUBURBAN WATER UTILITIES
2016

Utility Name	Residential	Commercial	Industrial & Other	Total
Corinth Water District	1,115	356		1,471
East Casey Water District	4,505	51	1	4,557
East Clark County Water District	2,401	19		2,420
Elkhorn Water District	582	7		589
Estill County Water District No. 1	3,641	131		3,772
Farmdale Water District	2,535	115		2,650
Garrard County Water Association	5,360	83	2	5,445
Harrison County Water Association	5,642	129		5,771
Jackson County Water Association	4,364	224	16	4,604
Jessamine County Water District No. 1	1,766	584		2,350
Jessamine South Elkhorn Water District	3,094	78		3,172
Judy Water Association	1,881	16	1	1,898
Kirksville Water Association	1,754	68	1	1,823
Lake Village Water Association	2,326	33	1	2,360
Madison County Utility District	9,993	616	27	10,636
McKinney Water District	2,131	19		2,150
Nicholas County Water District	1,521	11	1	1,533
North Mercer Water District	4,169	120	68	4,357
North Shelby Water Company	4,890	39		4,929
Northeast Woodford Water District	995			995
Parksville Water District	1,570	10		1,580
Peaks Mill Water District	1,165	7		1,172
Powells Valley Water District	2,140	110		2,250
Reid Village Water District	1,071	35		1,106
Sharpsburg Water District	1,422	26	3	1,451
South Anderson Water District	2,745	60	1	2,806
Southern Madison Water District	4,922	98	4	5,024
South Woodford Water District	1,547	21		1,568
US 60 Water District	2,376	16		2,392
Western Fleming Water District	1,475	18	6	1,499
Western Rockcastle Water Association	4,044	21		4,065

Note: A "customer" is defined as an active water account. Usually, but not always, one account (of one water meter) serves a single household, business, or industry.

Utilities Purchasing Water for Resale

Table 11

Among the 41 utilities that purchase potable water for resale, 76 percent are rural/suburban water districts or rural/suburban water associations. The remaining are, for the most part, small cities that purchase potable water from others for resale to their own customers.

Of the cities who sell potable water to smaller utilities for resale, some charge the same rate as they charge to other customers purchasing a like quantity. Other cities sell water at a special flat rate (to water districts, etc.), while still others sell their water on a special sliding scale rate. One fact about wholesale water rates to rural water utilities is quite clear--the wholesale rate is headed upward just as the retail rate is.

When available, the information used to calculate the data presented in Table 11 was provided by the utility purchasing water for resale. If information from the purchasing utility was not available, information from the supplying utility was used in these calculations. For many water districts and water associations, data from the utility's annual report to the Kentucky Public Service Commission was used.

Table 11
CUSTOMER, WATER USAGE, AND PURCHASE PRICE DATA
Water Utilities Purchasing Water for Resale

	Number of Customers	Average Daily Purchase		Effective Purchase Price		Supplier
		in 1000 gal.	in 100 cu.ft.	in \$/1000 gal.	in \$/100 cu.ft.	
Buffalo Trail WA	1,460	320	428	\$1.63	\$1.22	W. Fleming WD
		11	15	\$2.34	\$1.75	Maysville Water
Burgin	495	84	112	0.91	0.68	Harrodsburg
Clay City	677	161	215	2.73	2.04	Beech Fork WC
		2	2	3.50	2.62	Stanton WC
Corinth WD	1,237	192	257	2.63	1.97	Williamstown
Crab Orchard	576	91	122	1.94	1.45	Lancaster
E. Casey Co. WD	4,578	2	2,674	2.5	\$1.87	Columbia/Adair Utilities
		49	66	1.97	1.47	Campbellsville
		563	753	2.55	1.91	Liberty
		140	187	1.86	1.39	Russell Springs
E. Clark Co. WD	2,420	351	469	2.30	1.72	Winchester Utilities
		0.4	0.6	2.45	1.83	KAWC
Elkhorn WD	590	173	231	2.35	1.76	Frankfort
Estill Co. WD	3,792	727	972	2.58	1.93	Irvine
		1	2	2.70	2.02	Jackson Co. WA
Eubank	4,293	821	1,098	2.50	1.87	Somerset
Farmdale WD	2,650	730	976	2.35	1.76	Frankfort
Garrard Co. WA	5,523	796	1,064	2.15	1.61	Lancaster
		222	297	2.41	1.80	Danville
		72	96	2.53	1.89	Berea
Georgetown MWSS	12,912	323	432	3.43	2.57	Frankfort
		1	1	4.21	3.15	KAWC
Harrison Co. WA	5,679	985	1,317	2.61	1.95	Cynthiana
		9	12	2.25	2.25	Paris
		96	128	4.57	3.42	KAWC
		52	70	2.25	1.68	Nicholas Co. WD
		22	29	2.25	1.68	KAWC - Millersburg
Hustonville	1,875	378	505	2.47	1.85	Danville
Jessamine Co. WD #1	2,350	611	817	3.04	2.27	Nicholasville
		66	88	4.21	3.15	KAWC
Jessamine South Elkhorn WD	2,864	617	825	4.21	3.15	KAWC
		68	91	2.81	2.10	Nicholasville
Judy WA	1,898	330	441	2.77	2.07	Mt. Sterling
		97	130	4.78	3.58	North Middletown
Kirksville WA	1,823	296	396	3.14	2.35	Richmond
Lake Village WA	2,437	159	213	2.47	1.85	Harrodsburg
		469	627	2.41	1.80	Danville
Madison County Utilities District	10,636	3,244	4,337	3.14	2.35	Richmond
McKinney WD	2,143	242	324	2.34	1.75	Stanford
		75	100	4.10	3.07	Eubank
Midway	740	200	267	4.21	3.15	KAWC

Table 11 (continued)
CUSTOMER, WATER USAGE, AND PURCHASE PRICE DATA
Water Utilities Purchasing Water for Resale

	Number of Customers	Average Daily Purchase		Effective Purchase Price		Supplier
		in 1000 gal.	in 100 cu.ft.	in \$/1000 gal.	in \$/100 cu.ft.	
Nicholas Co. WD	1,532	57	76	1.62	1.21	Carlisle
		241	322	2.76	2.06	W. Fleming WD
		2	3	2.02	1.51	Buffalo Trail WA
		0.2	0.2	2.39	1.79	KAWC - Millersburg
Nicholasville	13,568	114	152	4.60	3.44	KAWC**
North Mercer WD	4,296	628	840	2.30	1.72	Harrodsburg
		97	130	3.24	2.42	South Anderson WD
North Middletown	400	173	231	2.17	3.16	KAWC**
North Shelby Water Co.	4,903	45	60	1.83	1.37	Shelbyville
		683	913	2.10	1.57	Louisville Water Co.
		223	298	2.35	1.76	Frankfort
				1.99	1.49	West Shelby WD
Northeast Woodford Co. WD	995	341	456	2.33	1.74	Versailles
		99	132	2.35	2.35	Frankfort
Parksville WD	1,584	309	413	2.68	2.00	Danville
Peaks Mill WD	1,172	255	341	2.35	1.76	Frankfort
		2	3	4.21	3.15	KAWC
Powells Valley WD	2,250	380	508	2.73	2.04	Beech Fork WC
Reid Village WD	1,106	186	249	2.77	2.07	Mt. Sterling
Sharpsburg WD	1,411	193	258	3.31	2.48	Bath Co. WD
		89	119	3.31	2.48	Carlisle
South Anderson WD	2,872	385	515	2.86	1.89	Lawrenceburg
		210	281	2.35	1.76	Frankfort
South Woodford WD	1,579	471	630	2.32	1.74	Versailles
Southern Madison WD	5,024	930	1,243	2.50	1.87	Berea
Stanton	2,257	520	695	2.71	2.03	Beech Fork WC
US 60 WD	2,230	412	551	2.35	1.76	Frankfort
Western Fleming WD	1,499	95	127	1.86	1.39	Greater Fleming WC
Western Rockcastle WA	4,065	711	951	2.93	2.19	Mt. Vernon
		19	25	2.93	2.19	Brodhead
		19	25			Southern Madison WD
Average	3,083	310	414	\$2.70	\$2.06	

*occasional purchases only

**adjusted to include KRA fee and likely meter charge

**Bluegrass Area Utilities Purchasing
Sewage Treatment Service from Others**

	Purchasing Wastewater Treatment Service from	Effective Price in \$/1,000 gal.
Lincoln County SD	City of Danville	5.82
Mercer County SD	City of Harrodsburg	\$4.55
North Madison County SD	Richmond Utilities	6.09***
Harrison County SD	City of Cynthiana	6.5

***applies only to Irvine Road area customers

Comparative Wastewater Rate Data and Fees

Tables 12, 13, 14, 15 and 16

These tables compare **monthly** wastewater rates at different usage levels. The usage levels were selected, in part, for their ease of conversion from gallons to cubic feet (one hundred cubic feet is approximately equal to 750 gallons):

2,000 gal	or	267 cf	This represents a minimum quantity for many utilities.
3,000 gal	or	400 cf	This could represent the small family of modest means.
4,000 gal	or	535 cf	This is frequently defined as an "average" residential consumption.
6,000 gal	or	800 cf	This could represent the average family with children, with cars to wash, and with occasional yard watering.
30,000 gal	or	4,000 cf	This could represent the average commercial establishment, e.g., a busy service station or restaurant.
300,000 gal	or	40,000 cf	This could represent an industrial customer.

For each usage level, the utility's rank among comparable utilities and the percent deviation from the average are presented.

Experience has shown that the actual cost of providing wastewater service is greater than the cost of providing water service. In recent years, many cities have come to accept the fact that water revenues should be sufficient to pay for the water system while wastewater revenues should be sufficient to pay for the wastewater system. For most cities then, wastewater charges are no longer a percentage of the water bill but instead are charged according to a separate rate schedule.

Table 12
WASTEWATER RATE COMPARISON
City Customers
Bluegrass Area Cities Over Population 2,500
(In Gallons and Cubic Feet)

	Effective Date for Rates	Min. Bill	Min. Quantity (gal.)	Cost Per Month For:																	
				2,000 (gal.) (267 cf)	Rank	% Dev. from Mean	3,000 (gal.) (400 cf)	Rank	% Dev. from Mean	4,000 (gal.) (535 cf)	Rank	% Dev. from Mean	6,000 (gal.) (800 cf)	Rank	% Dev. from Mean	30,000 (gal.) (4,000 cf)	Rank	% Dev. from Mean	300,000 (gal.) (40,000 cf)	Rank	% Dev. from Mean
Berea	Sep-12	\$ 9.00	1500	\$ 11.45	4	-25	\$ 16.35	5	-25	\$ 21.25	4	-26	\$ 31.05	4	-26	\$ 148.65	3	-30	\$ 1,471.65	4	-30
Cynthiana	Jan-11	16.50	2000	16.50	14	9	21.65	11	-1	28.60	11	0	37.10	8	-12	160.70	6	-24	1,551.20	6	-26
Danville**	Aug-16	4.15	0	11.25	3	-26	14.67	2	-33	18.35	1	-36	25.45	1	-40	169.95	8	-20	1,743.22	8	-17
Frankfort	Aug-16	20.12	2000	20.12	15	32	30.18	16	38	40.24	16	40	60.36	16	43	301.80	16	42	3,018.00	16	44
Georgetown	Nov-07	7.82	2000	7.82	1	-49	13.40	1	-39	18.98	2	-34	30.14	3	-29	164.06	7	-23	1,670.66	7	-21
Harrodsburg	Sep-15	12.99	1875	13.88	8	-9	20.96	10	-4	28.03	10	-2	42.20	10	0	203.41	9	-4	1,995.33	9	-5
Irvine	May-16	15.13	2000	15.13	13	0	23.73	14	9	32.33	14	12	49.53	14	17	255.93	15	21	2,577.93	15	23
Lancaster	Jul-13	7.52	1000	15.04	12	-1	22.56	13	3	30.08	13	5	45.12	13	7	225.60	12	6	2,256.00	12	7
Lawrenceburg	Mar-16	14.75	2000	14.75	11	-3	22.13	12	1	29.51	12	3	44.27	12	5	221.39	11	4	2,213.99	11	5
Lexington*	Jul-16	6.38	750	14.38	9	-5	20.78	9	-5	27.18	8	-5	39.98	9	-5	235.50	13	11	2,337.90	13	11
Nicholasville	Jul-09	4.25	0	13.37	6	-12	17.93	6	-18	22.49	6	-22	31.61	5	-25	143.90	2	-32	1,410.50	2	-33
Paris	Jan-99	10.66	2000	10.66	2	-30	15.99	3	-27	21.32	5	-26	31.98	6	-24	159.90	5	-25	1,503.06	5	-28
Richmond	Jul-16	25.63	2250	25.63	18	69	33.35	17	53	43.64	17	52	63.48	17	50	338.00	18	59	3,380.00	18	61
Stanford	Jul-13	11.64	2000	11.64	5	-23	16.02	4	-27	20.40	3	-29	29.16	2	-31	134.28	1	-37	1,316.88	1	-37
Stanton	Mar-16	21.63	2000	21.63	16	42	29.63	15	36	37.63	15	31	53.63	15	27	245.63	14	16	2,405.63	14	14
Versailles	Feb-16	9.42	1000	14.52	10	-4	19.62	7	-10	24.72	7	-14	34.92	7	-17	157.32	4	-26	1,451.82	3	-31
Wilmore	Jul-16	13.37	2000	13.37	6	-12	20.60	8	-6	27.83	9	-3	42.29	11	0	215.81	10	2	2,167.91	10	3
Winchester	Jan-15	8.39	750	22.37	17	47	33.56	18	54	44.75	18	56	67.12	18	59	335.60	17	58	3,356.00	17	60
Average		\$12.19		\$ 15.20			\$ 21.84			\$ 28.74			\$ 42.19			\$ 212.08			\$ 2,101.54		

*non-residential rate for 30,000 gallons and 300,000 gallons

**Danville's 40,000 cf charge is based upon the industrial rate

Rank:

Highest
Lowest

Table 13
WASTEWATER RATE COMPARISON
Out-of-City Customers
Bluegrass Area Cities Over Population 2,500
(In Gallons and Cubic Feet)

UPDATED 10-25-2016

	Effective Date for Rates	Min. Bill	Min. Quantity (gal.)	Cost Per Month For:																	
				2,000 (gal.) (267 cf)	Rank	% Dev. from Mean	3,000 (gal.) (400 cf)	Rank	% Dev. from Mean	4,000 (gal.) (535 cf)	Rank	% Dev. from Mean	6,000 (gal.) (800 cf)	Rank	% Dev. from Mean	30,000 (gal.) (4,000 cf)	Rank	% Dev. from Mean	300,000 (gal.) (40,000 cf)	Rank	% Dev. from Mean
Berea*	Sep-12	\$ 9.00	1500	\$ 11.45	4	-40	\$ 16.35	4	-40	\$ 21.25	3	-40	\$ 31.05	3	-41	\$ 148.65	1	-38	\$ 1,471.65	1	-35
Cynthiana	Jan-11	16.50	2000	16.50	8	-14	21.65	7	-20	28.60	7	-20	37.10	5	-29	160.70	3	-33	1,551.20	3	-32
Danville*	Aug-16	4.15	0	11.25	3	-41	14.67	2	-46	18.35	1	-48	25.45	1	-51	169.95	5	-29	1,743.22	5	-23
Danville ¹	Aug-16	4.15	0	20.04	12	4	27.99	12	3	35.94	12	1	51.84	12	-1	242.63	12	2	1743.22	5	-23
Danville ²	Aug-16	4.15	0	22.42	16	17	31.55	16	16	40.69	16	14	58.96	15	13	278.23	15	17	1,743.22	5	-23
Frankfort	Aug-16	20.12	2000	20.12	13	5	30.18	15	11	40.24	15	13	60.36	16	15	301.80	16	27	3,018.00	16	33
Georgetown*	Nov-07	7.82	2000	7.82	1	-59	13.40	1	-51	18.98	2	-47	30.14	2	-42	164.06	4	-31	1,670.66	4	-26
Harrodsburg*	Sep-15	12.99	1870	13.88	6	-28	20.96	6	-23	28.03	6	-21	42.20	6	-19	203.41	6	-15	1,995.33	9	-12
Irvine	May-16	20.94	2000	20.94	14	9	29.70	14	9	38.46	14	8	55.98	14	7	266.22	14	12	2,631.42	15	16
Lancaster	Jul-13	11.28	1000	22.56	17	17	33.84	17	24	45.12	17	27	67.68	17	29	338.40	18	42	3,384.00	18	49
Lawrenceburg*	Mar-16	14.75	2000	14.75	7	-23	22.13	8	-19	29.51	8	-17	44.27	8	-15	221.39	11	-7	2,213.99	13	-3
Nicholasville**	Jul-09	6.35	0	20.03	11	4	26.87	11	-1	33.71	11	-5	47.39	11	-9	215.85	10	-10	2,115.75	11	-7
Paris*	Jan-09	10.66	2000	10.66	2	-44	15.99	3	-41	21.32	4	-40	31.98	4	-39	159.90	2	-33	1,513.06	2	-33
Richmond	Jul-16	51.27	2250	51.27	19	167	66.70	19	145	87.27	19	145	132.96	19	154	338.00	17	42	3,380.00	17	49
Stanford	Jul-13	17.64	2000	17.64	9	-8	24.32	9	-11	31.00	9	-13	44.36	9	-15	204.68	7	-14	2,008.28	10	-12
Stanton*	Mar-16	21.63	2000	21.63	15	13	29.63	13	9	37.63	13	6	53.63	13	3	245.63	13	3	2,405.63	14	6
Versailles	Feb-16	11.99	1000	18.89	10	-2	25.79	10	-5	32.69	10	-8	46.49	10	-11	212.09	8	-11	1,956.59	8	-14
Wilmore*	Jul-16	13.37	2000	13.37	5	-30	20.60	5	-24	27.83	5	-22	42.29	7	-19	215.81	9	-10	2,167.91	12	-5
Winchester	Jan-14	11.11	750	29.63	18	54	44.44	18	63	59.25	18	67	88.88	18	70	444.40	19	86	4,444.00	19	96
Average		\$ 14.20		\$ 19.20			\$ 27.20			\$ 35.57			\$ 52.26			\$ 238.52			\$ 2,271.43		

*same as in-city rates

**assumes 1" water meter for 30,000 gallons; 3" water meter for 300,000 gallons

¹Junction City

²Perryville

Note: Stanton has no sewer service outside of Stanton City Limits.

Note: As of September 2013, the Red River Wastewater Authority will assume day to day operation for Stanton and Clay City via its new Regional wastewater facility.

Rank:

Highest
Lowest

Table 14
WASTEWATER RATE COMPARISON
City Customers
Bluegrass Area Cities Under Population 2,500
(In Gallons and Cubic Feet)

UPDATED 10-25-2016

	Effective Date for Rates	Cost Per Month For:																	
		Min. Bill	Min. Quantity (gal.)	Min. Qty. (cf)	2,000 (gal.) (267 cf)	% Dev. From Mean	3,000 (gal.) (400 cf)	% Dev. From Mean	4,000 (gal.) (535 cf)	% Dev. From Mean	6,000 (gal.) (800 cf)	% Dev. From Mean	30,000 (gal.) (4000 cf)	% Dev. From Mean					
Berry	Jan-12	\$ 21.00	2,000	267	\$ 21.00	2 -17	\$ 31.00	4 -10	\$ 41.00	4 -6	\$ 61.00	5 -1	\$ 301.00	6 11					
Carlisle	Jul-16	16.05	2,000	267	16.05	1 -37	20.33	1 -41	24.61	1 -43	33.02	1 -46	110.14	1 -60					
Clay City	Jul-14	22.40	2,000	267	22.40	5 -12	34.05	7 -1	45.70	7 5	69.00	8 12	348.60	10 28					
Crab Orchard	May-11	18.00	1,000	133	24.00	8 -6	30.00	3 -13	36.00	2 -17	48.00	2 -22	192.00	2 -29					
Jessamine S.E.	Dec-15	21.90	2,000	267	21.90	3 -14	32.85	6 -5	43.80	6 1	65.70	6 7	328.50	8 21					
Mercer County SD	Aug-14	40.00	2,000	267	40.00	10 57	46.50	10 35	53.00	10 22	66.00	7 7	222.00	3 -18					
Midway	Feb-13	14.60	1,000	133	21.90	3 -14	29.20	2 -15	36.50	3 -16	51.10	3 -17	226.30	4 -17					
Millersburg*	Jul-15	11.60	1000	133	23.20	7 -9	34.80	8 1	46.40	8 7	69.60	9 13	348.00	9 28					
N.Madison Co.SD*	Jan-16	41.75	2,100	280	41.75	11 64	50.37	11 46	59.93	11 38	79.09	11 28	308.85	7 13					
N.Middleton	Dec-13	22.64	2,000	267	22.64	6 -11	32.28	5 -6	41.92	5 -4	59.91	4 -3	231.91	5 -15					
Powells Valley SD	May-09	25.12	2,000	267	25.12	9 -1	37.68	9 9	50.24	9 15	75.36	10 22	376.80	11 38					
Average		\$ 23.19			\$ 25.45		\$ 34.46		\$ 43.55		\$ 61.62		\$ 272.19						

*residential sewer bill capped at \$71.75/month
**Now owned and operated by KAWC

Note: Burgin, Eubank, and Hustonville have no wastewater system.
Note: Sadieville sold their wastewater utility to Georgetown in 2013

Rank:
Highest
Lowest

Table 15
WASTEWATER RATE COMPARISON
Out-of-City Customers
Bluegrass Area Cities Under Population 2,500
(In Gallons and Cubic Feet)

	Effective Date for Rates	Cost Per Month For:																	
		Min. Bill	Min. Quantity (gal.)	Min. Qty. (cf)	2,000 (gal.) (267 cf)	Rank	% Dev. From Mean	3,000 (gal.) (400 cf)	Rank	% Dev. From Mean	4,000 (gal.) (535 cf)	Rank	% Dev. From Mean	6,000 (gal.) (800 cf)	Rank	% Dev. From Mean	30,000 (gal.) (4000 cf)	Rank	% Dev. From Mean
Berry*	Jan-12	\$ 21.00	2,000	267	\$ 21.00	2	-23	\$ 31.00	3	-16	\$ 41.00	3	-12	\$ 61.00	3	-8	\$ 301.00	4	2
Carlisle	Jul-16	20.88	2,000	267	20.88	1	-24	26.43	1	-28	31.98	1	-31	42.89	1	-35	142.93	1	2
Clay City	Jul-14	28.00	2,000	267	28.00	7	3	42.56	7	15	57.12	8	23	86.24	9	31	435.68	9	48
Crab Orchard*	May-11	18.00	1,000	133	24.00	5	-12	30.00	2	-19	36.00	2	-23	48.00	2	-27	192.00	2	-35
Jessamine S.E.	Mar-08	21.90	2,000	267	21.90	3	-20	32.85	7	-11	43.80	4	-6	65.70	4	0	328.50	6	11
Mercer County SD	Aug-14	40.00	2,000	267	40.00	8	46	46.50	8	26	53.00	7	14	66.00	5	0	222.00	3	-25
Millersburg**	Jul-15	11.60	1000	133	23.20	4	-15	34.80	5	-6	46.40	5	0	69.60	6	5	348.00	7	18
N.Madison Co.SD*	Jan-15	41.75	2,100	280	41.75	9	53	50.37	9	36	59.93	9	29	79.09	8	20	308.85	5	5
Powells Valley SD	May-09	25.12	2,000	267	25.12	6	-8	37.68	6	2	50.24	6	8	75.36	7	14	376.80	8	28
Average		\$ 25.36			\$ 27.32			\$ 36.91			\$ 46.61			\$ 65.99			\$ 295.08		

*same as city rates

**Now owned and operated by KAWC

Note: Burgin, Eubank, and Hustonville have no wastewater system

Note: Sadieville sold their wastewater Utility to Georgetown in 2013

Note: Junction City is served by Danville

Rank:

Highest
Lowest

**Table 16
WASTEWATER TAP-ON FEES**

	3/4x5/8	1" Meter
Berea	\$400	\$1,000
Berry	\$650	
Carlisle	\$500	
Clay City	Actual Cost	Actual Cost
Crab Orchard	\$500	
Cynthiana	\$500	\$800
Danville	\$50 in-city; \$80 outside-city	
Frankfort	\$2,192	\$4,655
Georgetown	\$1,500 per ERU ¹	
Harrodsburg*		
Irvine	\$700 in-city; \$800 out-of-city	
Jessamine S. Elkhorn SD	based on lot size	
Lancaster	\$1,000	
Lawrenceburg	\$1,000	
L F U C G	see note ⁵ below	

	3/4x5/8	1" Meter
Mercer County SD	\$500	
Midway	\$1,500	\$1,995
Millersburg**	\$500 and up	
Nicholasville	\$800 per ERU ²	
North Madison SD	\$1,200 plus a \$750/acre development fee	
North Middletown	\$400 or actual cost	
Paris	\$900	
Powells Valley SD	1010.50 + road bore if needed	
Richmond	no tap on fee but ³	
Stanford	\$500	\$500
Stanton	\$950	\$1,050
Versailles	\$1,500 if not city water customer	
Wilmore	\$1,000	
Winchester	\$400 ⁴	

¹ Equivalent residential units (ERU) or 4,500 gallons per month

² Nicholasville defines an ERU as a customer who uses up to 350 gallons of water daily

³ Wastewater assessments for residential customers run from \$900 to \$1,100

⁴ Winchester also charges a System Development Charge (in most cases, the same as an impact fee). Significantly higher SDC's are imposed for customers who require a larger meter.

The SDC is \$1,000 for a wastewater customer who has a 5/8-inch water meter.

Winchester has also begun to implement a privilege fee charge.

⁵ For single-family residences, \$1,133.33 for 1/4 acre lot or smaller; \$2,194.54 for 1/4 acre to 1/2 acre; \$3,078.44 for 1/2 acre to 3/4 acre; \$4,211.76 for 3/4 acre to 1 acre; \$5,345.08 for a lot larger than 1 acre. (As of 7/1/2016)

*Minimum 4" Tap - \$965

**System purchased and operated by KAWC

**Table 17
PUBLICLY-OWNED WASTEWATER TREATMENT PLANT FLOWS IN THE BLUEGRASS AREA 2009 - 2015**

Wastewater Treatment Facility	Treatment Plant Rated on MGD								Percent Change 2014/ 2015
		2009	2010	2011	2012	2013	2014	2015	
Berea	4.23	3.146	2.905	2.910	2.950	2.950	3.100	3.400	10
Carlisle	0.37	0.275	0.212	0.471	0.280	0.280	0.275	0.280	2
Crab Orchard	0.11	0.113	0.146	0.146	0.050	0.050	0.050	0.105	110
Cynthiana	6.00	0.825	0.763	1.843	0.870	0.900	0.910	1.080	19
Danville	6.50	5.112	4.052	5.359	4.590	4.450	5.112	5.214	2
Frankfort	9.90	7.008	6.100	8.151	7.080	7.810	7.340	8.560	17
Georgetown No. 1	4.50	3.289	2.750	3.460	2.650	3.290	3.240	3.560	10
Georgetown No. 2	2.20	0.853	0.815	0.910	0.920	1.038	1.040	1.040	0
Harrodsburg	2.68	1.511	1.163	1.490	1.330	1.330	1.510	2.000	32
Irvine	0.60	0.587	0.558	0.620	0.520	0.520	0.656	0.620	-5
Lancaster	1.00	0.689	0.511	0.530	0.540	0.510	0.510	0.473	-7
Lawrenceburg	3.30	2.196	1.857	2.530	1.500	1.500	2.140	2.140	0
Lexington Town Branch	30.00	21.090	17.183	23.040	16.350	21.270	23.100	19.758	-14
Lexington West Hickman	33.87	24.419	18.544	23.980	15.430	21.650	20.390	20.390	0
Midway	0.75	0.242	0.193	0.280	0.200	0.270	0.270	N/A	
Nicholasville – Jessamine Creek***	4.10	3.490	3.247	4.490	3.410	3.410	3.657	3.996	9
North Middletown	0.085	0.160	0.056	0.090	0.060	0.055	0.049	0.050	2
Northern Madison County S.D.(Exec.Park)	0.03	0.015	0.015	N/A	N/A	0.013	0.021	0.012	-43
Northern Madison County S.D.	1.00	0.183	0.193	0.200	0.210	0.210	0.176	0.181	3
Paris	2.70	1.438	1.455	1.450	1.320	1.320	1.484	1.519	2
Powells Valley Water District - Nada / Slade	0.08	0.023	0.025	0.030	0.010	0.190	0.026	0.028	8
Red Rvier Wastewater Authority	1.40	N/A	N/A	N/A	N/A	0.530	0.753	0.525	-30
Richmond Silver Creek	1.00	0.197	0.191	0.290	0.250	0.250	0.200	0.367	84
Richmond Otter Creek	8.00	N/A	N/A	N/A	4.440	4.440	4.400	5.180	18
Stamping Ground (GMWSS #3)	0.14	0.106	0.112	N/A	0.090	0.054	0.054	0.062	16
Stanford	1.20	1.198	0.521	0.920	0.840	1.144	1.144	1.144	0
Versailles	3.00	2.009	1.933	1.880	1.990	2.570	2.590	2.595	0
Wilmore	1.00	0.611	0.492	0.650	0.470	0.470	0.520	0.683	31
Winchester - Lower Howards Creek	2.00	N/A	N/A	N/A	N/A	0.852	0.610	0.930	52
Winchester - Strodes Creek	7.20	4.225	3.523	4.597	3.657	4.377	3.260	3.930	21
Average	3.86	2.36	1.93	2.51	2.00	2.44	2.46		-100

**Sadieville served by GMWSS

***East Brown Street WWTP closed; Jessamine Creek WWTP now takes all of Nicholasville flow

****Estill Co. WD #1 sewer customers now served by Irvine

**Table 18
NUMBER OF WASTEWATER CUSTOMERS FOR MUNICIPALITIES
2016**

Utility Name	Residential		Commercial	Industrial & Other	Total
	Inside City	Outside City			
Berea	5,123	104	526		5,753
Berry	99	0	2	4	105
Burgin					Note 1
Carlisle	885	18	74	85	1,062
Clay City	450	7			457
Crab Orchard	282	0	31		313
Cynthiana	2,135	1	239	38	2,413
Danville	4,913	313	887	18	6,131
Eubank					Note 1
Frankfort	9,282	2,772	1936	13	14,003
Georgetown	7,626	2,542	1152	9	11,329
Harrodsburg	2,639	326	235	92	3,292
Hustonsville					Note 1
Irvine	1,363	454	239	4	2,060
Junction City					Note 2
Lancaster	1,340	85	171	31	1,627
Lawrenceburg	5,208	1,469	240	5	6,922
Lexington-Fayette	106,033	2	8417	543	114,995
Midway	670	6	44		720
KAWC - Millersburg*	317	3	6	1	327
Nicholasville	10,121	13	795	25	10,954
North Middletown	248	0			248
Paris	3,798	144			3,942
Perryville					Note 3
Ravenna					Note 2
Richmond	10,316	15	2424	41	12,796
Sadieville	1				Note 4
Stamping Ground					Note 4
Stanford	1,760		196	1	1,957
Stanton	973	6	187		1,166
Versailles	3,519	1,581	700		5,800
Wilmore	1,595		46	27	1,668
Winchester	8,154	2,435	794	54	11,437

Note 1: Sewer service will become available upon completion of local Sanitation District sewer extension projects

Note 2: Retail sewer service provided by Irvine; customer totals included with Irvine

Note 3: Retail sewer service provided by Danville; customer totals included with Danville

Note 4: Retail sewer service provided by Georgetown; customer totals included with Georgetown

*System was purchased in 2015 and is now operated by KAWC

Customers by Type for Rural/Suburban Sewer Utilities

Utility Name	Residential	Commercial	Industrial & Other	Total
Farmdale SD				Note 5
Harrison Co. SD				Note 5
Jessamine S. Elkhorn WW	546	99		645
Lincoln Co. SD				Note 5
Mercer Co. SD	246	11		257
Nicholas Co. SD #2	99			99
Northern Madison Co. SD	1744	56		1800
Powells Valley Sewer Div.	70	38		108

Note 5: Information will become available upon completion of initial projects establishing service.

**Table 19
WATER AND WASTEWATER CUSTOMERS BY COUNTY OF RESIDENCE**

COUNTY	WATER	WASTEWATER
Anderson		
Lawrenceburg	6,178	5,389
S. Anderson WD	2,861	0
US 60 W D	63	0
N. Mercer WD	32	0
Farmdale WD	21	0
Frankfort PB	1	0
Total	9,156	5,389
Bourbon		
Paris	4,986	4,100
KAWC	1,248	0
KAWC - Millersburg	365	327
North Middletown	400	281
Harrison Co. WA	800	0
Judy W A	703	0
Total	8,502	4,708
Boyle		
Danville	10,300	6,850
Danville (Perryville)	0	406
Parksville WD	1,533	0
Lake Village WA	350	0
Hustonsville	20	0
N. Mercer WD	20	0
Total	12,223	7,256
Clark		
Winchester Municipal Utilities	11,670	11,437
E. Clark WD	2,420	0
KAWC	1,451	0
Judy W A	171	0
Reid Village WD	48	0
Total	15,760	11,437
Estill		
Estill Co. W D # 1	3,780	0
Irvine Municipal Utilities	2,552	2,505
Powell's Valley WD	120	0
Jackson County WA	27	0
Total	6,479	2,505

*Sanitation District not yet operational

COUNTY	WATER	WASTEWATER
Fayette		
KAWC	113,206	0
Lexington (Town Branch + West Hickman)	0	114,727
Nicholasville	346	0
NE Woodford WD	21	0
Georgetown MWSS	3	0
Jessamine South Elkhorn	2	0
Total	113,578	114,727
Franklin		
Frankfort Water Plant Board	16,369	0
Frankfort Sewer Department	0	13,999
Farmdale WD	2,626	0
Peaks Mill WD	1,110	0
Elkhorn WD	590	0
US 60 WD	436	0
Georgetown MWSS	1	0
Farmdale SD*	0	0
Lawrenceburg	1	0
Total	21,133	13,999
Garrard		
Lancaster	1,782	1,782
Garrard Co. WA	5,309	0
Crab Orchard	82	0
W. Rockcastle WA	20	0
Kirksville WA	12	0
Total	7,205	1,782
Harrison		
Cynthiana	2,682	2,700
Berry	0	105
Harrison Co. WA	4,730	0
KAWC	105	0
Corinth WD	58	0
Buffalo Trail WA	28	0
E. Pendleton WD	6	0
Harrison Co. SD*	0	0
Total	7,609	2,805

Table 19 (continued)
WATER AND WASTEWATER CUSTOMERS BY COUNTY OF RESIDENCE

COUNTY	WATER	WASTEWATER
Jessamine		
Nicholasville	13,222	10,952
Wilmore	1,965	1,668
Jessamine-S. Elkhorn W D	2,852	680
Jessamine WD No. 1	2,350	0
KAWC	1	0
Lexington (West Hickman)	0	140
Total	20,390	13,440
Lincoln		
Stanford	3,200	1,957
Crab Orchard	494	313
Hustonville	1,855	0
Eubank	1,858	0
McKinney WD	2,131	0
W. Rockcastle WA	610	0
Garrard Co. WA	164	0
Parksville WD	3	0
E. Casey WD	63	0
Southeastern Water Assoc.	7	0
Lincoln Co. SD*	0	0
Total	10,385	2,270
Madison		
Richmond Utilities	11,762	12,796
Berea	4,101	5,753
Madison Co. Utilities	10,636	0
S. Madison WD	5,024	0
Kirksville WA	1,811	0
Garrard Co. W A	50	0
N. Madison Co. SD	0	1,800
W. Rockcastle WA	4	0
Total	33,388	20,349
Mercer		
Harrodsburg	3,703	4,003
Burgin	495	0
N. Mercer WD	3,959	0
Lake Village WA	2,087	0
S. Anderson WD	6	0
Mercer County SD	0	257
Total	10,250	4,260

COUNTY	WATER	WASTEWATER
Nicholas		
Buffalo Trail	12	0
Carlisle	1,100	1,074
KAWC - Millersburg	12	12
Nicholas Co. WD	1,532	0
Sharpsburg WD	580	0
Harrison Co. WA	43	0
Nicholas Co SD #2	0	99
Total	3,279	1,185
Powell		
Stanton	2,257	1,166
Clay City	677	450
Red River Wastewater Authority**	0	2
Powell's Valley WD	2,127	106
Campton	30	0
Beech Fork WC	3	0
Total	5,094	1,724
Scott		
Georgetown MWSS	12,888	11,329
Harrison Co. WA	90	0
KAWC	5,688	0
Corinth WD	3	0
Total	18,669	11,329
Woodford		
Versailles	6,318	5,814
Midway	740	717
S. Woodford WD	1,579	0
N.E. Woodford WD	974	0
Frankfort Water Plant Board	426	0
KAWC	226	0
Georgetown MWSS	18	0
Jessamine-S. Elkhorn WD	10	0
Frankfort Sewer Department	0	4
Total	10,291	6,535

*Sanitation District not yet operational

Table 20
WATER AND WASTEWATER CUSTOMERS BY COUNTY OF RESIDENCE
 Counties Outside Bluegrass Area served by Bluegrass Area Utilities

COUNTY	WATER	WASTEWATER	COUNTY	WATER	WASTEWATER
Casey			Owen		
McKinney Water District	12	0	Peaks Mills WD	62	0
Parksville Water District	48	0	Georgetown MWSS	2	0
Gallatin			KAWC	3,707	0
KAWC	174	0	Pendleton		
Grant			Harrison County WA	16	0
KAWC	65	0	Shelby		
Lee			Farmdale WD	3	0
Estill Co. WD No. 1	12	0	Washington		
Montgomery			South Anderson WD	5	0
Powell's Valley WD	3	0	North Mercer WD	285	0

Table 21
WATER-UNSERVED POPULATIONS

	<u>Population from 2010 Census</u>	<u>Estimate of Watered Population</u>	<u>Estimate of Unwatered Population</u>	<u>Percent Unwatered</u>
Anderson	21,421	21,371	50	0.23%
Bourbon	19,985	19,572	413	2.07%
Boyle	28,432	28,354	78	0.27%
Clark	35,613	35,169	444	1.25%
Estill	14,672	14,354	318	2.17%
Fayette	295,803	286,670	9,133	3.09%
Franklin	49,285	48,799	486	0.99%
Garrard	16,912	16,640	272	1.61%
Harrison	18,846	18,659	187	0.99%
Jessamine	48,586	48,493	93	0.19%
Lincoln	24,742	24,173	569	2.30%
Madison	82,916	82,295	621	0.75%
Mercer	21,331	21,227	104	0.49%
Nicholas	7,135	6,916	219	3.07%
Powell	12,613	12,450	163	1.29%
Scott	47,173	45,941	1,232	2.61%
Woodford	24,939	23,958	981	3.93%
	<u>770,404</u>	<u>755,041</u>	<u>15,363</u>	<u>1.99%</u>

The conclusion is that approximately 98% percent of the population within the Bluegrass Area Development District reside in homes that are connected to (or has access to) a publicly-owned water system while the other 2 percent resides in homes that still rely upon wells or some other means for drinking water.

**Table 22
WASTEWATER-UNSERVED POPULATIONS***

	<u>Population from 2010 Census</u>	<u>Estimate of Sewered Population</u>	<u>Estimate of Unsewered Population</u>	<u>Percent Unsewered</u>
Anderson	21,421	13,344	8,077	37.71%
Bourbon	19,985	11,580	8,405	42.06%
Boyle	28,432	19,886	8,546	30.06%
Clark	35,613	25,141	10,472	29.40%
Estill	14,672	4,656	10,016	68.27%
Fayette	295,803	286,680	9,123	3.08%
Franklin	49,285	34,484	14,801	30.03%
Garrard	16,912	3,992	12,920	76.40%
Harrison	18,846	6,951	11,895	63.12%
Jessamine	48,586	36,172	12,414	25.55%
Lincoln	24,742	5,951	18,791	75.95%
Madison	82,916	51,158	31,758	38.30%
Mercer	21,331	9,849	11,482	53.83%
Nicholas	7,135	2,453	4,682	65.62%
Powell	12,613	4,206	8,407	66.65%
Scott	47,173	31,845	15,328	32.49%
Woodford	24,939	17,357	7,582	30.40%
	<u>770,404</u>	<u>565,705</u>	<u>204,699</u>	<u>26.57%</u>

*Refers to persons whose homes are not connected to a publicly owned and operated wastewater treatment plant.

The conclusion is that approximately 73.0 percent of the population within the Bluegrass Area Development District reside in homes that are connected to (or has access to) a publicly-owned wastewater treatment plant while the other 27.0 percent resides in homes that rely upon on-site or other means of wastewater disposal.

Table 23
BLUEGRASS AREA CITIES
Population
2000-2010

NAME	2000 CENSUS	2010 CENSUS	DIFFERENCE	% CHANGE	ADD RANK
Berea	9,851	14,882	5,031	51.1%	3
Berry	310	263	-47	-15.2%	32
Burgin	874	965	91	10.4%	12
Carlisle	1,917	2,010	93	4.9%	19
Clay City	1,303	1,095	-208	-16.0%	33
Crab Orchard	842	833	-9	-1.1%	26
Cynthiana	6,258	6,423	165	2.6%	23
Danville	15,477	16,690	1,213	7.8%	14
Eubank	358	324	-34	-9.5%	28
Frankfort	27,741	27,830	89	0.3%	24
Georgetown	18,080	32,356	14,276	79.0%	1
Harrodsburg	8,014	8,394	380	4.7%	20
Hustonsville	347	399	52	15.0%	11
Irvine	2,843	2,416	-427	-15.0%	31
Junction City	2,184	2,283	99	4.5%	21
Lancaster	3,734	3,864	130	3.5%	22
Lawrenceburg	9,014	11,103	2,089	23.2%	7
Lexington-Fayette Urban Co.	260,512	314,488	53,976	20.7%	9
Midway	1,620	1,701	81	5.0%	18
Millersburg	842	796	-46	-5.5%	27
Nicholasville	19,680	29,754	10,074	51.2%	2
North Middletown	562	650	88	15.7%	10
Paris	9,183	9,870	687	7.5%	15
Perryville	763	761	-2	-0.3%	25
Ravenna	693	590	-103	-14.9%	30
Richmond	27,152	33,533	6,381	23.5%	6
Sadieville	263	332	69	26.2%	5
Stamping Ground	566	730	164	29.0%	4
Stanford	3,430	3,675	245	7.1%	16
Stanton	3,029	2,666	-363	-12.0%	29
Versailles	7,511	9,164	1,653	22.0%	8
Wilmore	5,905	6,247	342	5.8%	17
Winchester	16,724	18,446	1,722	10.3%	13
ADD TOTALS	467,582	565,533	97,951	20.9%	

Data Source: U. S. Census Bureau

*Updated to reflect 2015 Census estimates

Table 24
BLUEGRASS AREA COUNTIES
 Population
 2000-2010

UPDATED 11-6-2016

	2000 CENSUS	2010 CENSUS	% CHANGE	ADD RANK
Kentucky	4,042,288	4,395,295	8.7%	
COUNTY				
Anderson	19,111	21,979	15.0%	6
Bourbon	19,360	20,116	3.9%	14
Boyle	27,697	29,809	7.6%	9
Clark	33,144	35,757	7.9%	8
Estill	15,307	14,375	-6.1%	16
Fayette	260,512	314,488	20.7%	4
Franklin	47,687	50,375	5.6%	10
Garrard	14,792	17,237	16.5%	5
Harrison	17,983	18,763	4.3%	13
Jessamine	39,041	51,961	33.1%	2
Lincoln	23,361	24,463	4.7%	11
Madison	70,872	87,824	23.9%	3
Mercer	20,817	21,407	2.8%	15
Nicholas	6,813	7,131	4.7%	12
Powell	13,237	12,269	-7.3%	17
Scott	33,061	52,420	58.6%	1
Woodford	23,208	25,793	11.1%	7
ADD TOTAL	686,003	806,167	17.5%	

Source: US Census Bureau
 *updated to reflect 2015 Census estimates

Charges for Solid Waste Collection/Disposal for Bluegrass Area Municipalities together with the Services Provided

Since the level of services offered often varies from one community to the next, an effort was made to determine the level and the frequency of the service provided—in addition to the monthly charge. Some municipalities offer comprehensive solid waste recycling services while others offer no recycling service at all. Further, there are many cities whose solid waste services fall between those two poles.

The operator of solid waste services often varies from city to city. A declining number of Bluegrass cities continue to offer municipal service, utilizing city employees and equipment. Others advertize and enter into an exclusive franchise contract with a private sector company. Still others may allow householders to contract with the garbage service provider of his choice. Lexington has somewhat of a unique system as city collection is the norm in many of the older areas of the urban county. For areas of the city urbanized in more recent times, the various neighborhoods may choose to opt in and accept municipal collection. Conversely, they may opt out, and householders in those neighborhoods may contact with the private sector solid waste firm of their choosing. For such neighborhoods, it may be possible that collection vehicles from three or more different private sector solid waste companies may serve different customers on the same street on the same day.

Lexington-Fayette finances its solid waste services in a rather unusual way. The largest income stream comes from an ad valorem tax, i.e., the magnitude of the tax depends on the taxable value of the property. Obviously the owner of a house assessed at \$400,000 does not generate ten times as much solid waste as the owner of a house whose assessed value is \$40,000, but if both are subject to the ad valorem tax, the owner of the more expensive house does pay ten times the amount paid by the owner of the more modest home.

Other factors that can vary from community to community are the frequency of service, e.g., once weekly to twice weekly, and curbside vs. behind-the-house service.

Table 25 is intended to allow the reader to compare apples with apples in terms of fees and services offered within Bluegrass Area cities.

Table 25
SOLID WASTE CHARGES AND SERVICES FOR BLUEGRASS AREA CITIES
 (Services provided directly by the City)

Logistical Information				Recycling				Service Descriptions	
Municipal Provider	Service Provider	Cost to Resident	Fee Collection	Recycling Included?	Frequency of Recycling Service	Level of Recycling service included in price?	Cost of Recycling as "add-on" service?	Frequency of Service	Curbside or Behind the House Service
Carlisle	City of Carlisle	\$12.40/mo	Added to water bill	No	Available at County Dump Center	Everything	N/A	Residential -once a week; business - 3x a week	Mostly curbside but behind the house available for some Sr. citizens
Frankfort	City of Frankfort	Pay-as-you-go: 32gal, free; 65gal, \$4/mo; 96gal, \$12/mo	Residents billed directly twice annually	Yes	Once a week	Everything except glass; co-mingled	Charges based on pay-as-you-throw collection system	Once a week	Curbside
Georgetown	Scott County Recycling Center	\$15.00/mo; \$8/mo for Sr. Citizens	Fee added to water bill	No; Recycling available for citizen drop off at the Scott Co Recycling Center	N/A	Everything separated; no glass, paint or styrofoam	No charge	Once a week	Curbside
Irvine	City of Irvine	\$15.00/mo (Garbage Only)	Added to water bill	Provided by county	Once a week	No glass	No charge	Everyday for Main Street; Businesses every other day; once a week everywhere else	Curbside and Behind the House
FAYETTE/ Lexington**	Lexington Fayette Urban County Government (LFUCG)--mandatory for majority of residents; Subscription services with different franchises available in various neighborhoods	LFUCG: An ad valorem tax 17.38 cents/\$100 of property value is charged for services; An additional \$4.50/month per roll cart per house hold (AKA "Landfill User Fee"); Bin rentals are free; Houses that contract with the hauler of their choice on an individual basis may vary both in price and level of service	LFUCG--Property Tax & Landfill User Fee collected via the water bill. Companies bill residents directly	LFUCG: Curbside recycling and yard waste; Private companies offer recycling services at an added cost.	Once a week	Everything; co-mingled	N/A	Once a week	Curbside; Behind the House available with medical waiver; Yard Waste curbside only
Boyle County - Junction City	County	No charge - residents drop off themselves at convenience centers	N/A	Through County	Every 2 weeks	Everything; co-mingled	No charge	Once a week	M&M provides curbside
Versailles	Central Kentucky Hauling	\$9.65 if customer provides their own container; \$11.90/mo if they rent a container from provider	Included in Versailles Municipal Utilities Bill garbage	Yes	Once a week	Everything co-mingled	No charge	Once a week	Curbside; Behind the house for disability
Wilmore	City of Wilmore	\$16.00/mo; \$10/mo for senior citizens	Added to utility bill	Yes	Every other Monday	Single Stream	No charge	Once a week	Curbside; Behind the house for disability
Winchester	Winchester Municipal Utilities	\$32.14/mo (Includes solid waste, recycling and 1 large pick-up per month); Yard Waste Curbits available for \$16.45/year	Added to water bill	Yes for customers within WMU service area.	Once a week	Everything co-mingled	Included in Solid Waste Charge	Once a week	Curbside

**Lexington residents in neighborhoods without municipal service can contract with the hauler service of their choice.

Table 25
SOLID WASTE CHARGES AND SERVICES FOR BLUEGRASS AREA CITIES
 (Services provided by Franchisees)

Franchise Agreements	Name of Franchisee	Cost to Resident	Fee Collection	Recycling Included?	Frequency of Recycling Service?	Level of recycling service included in basic price?	Cost of recycling as "add-on" service?	Frequency of Trash Service	Curbside or Behind the House Service
Anderson County (Lawrenceburg)	Republic Services	\$33.00/quarterly; 10% discount to Seniors	Resident billed directly	Yes	Once a week	Everything co-mingled	No charge.	Once a week	Curbside, containers provided
Boyle County (Danville, Perryville)	M & M Sanitation	\$10.72/mo \$21.44/bi-mo	Fee on water bill every month	Yes	Every 2 weeks	Everything; co-mingled except glass which must be packaged in a taped box and marked	\$2.75/mo added to bill of all customers	Once a week	Curbside
Berea	Poff Carting	\$33.90 with a cart; \$27.90 without a cart	Franchise bills resident	Yes	Once a week with trash pick-up	Everything; co-mingled	No charge	Once a week	Curbside
Berry	Rumpke	\$13.95/Rumpke bills city; city bills residents.	Included in utility bill	No	N/A	Everything; co-mingled	N/A	Once a week	Curbside
Burgin	Rumpke	\$12.84 curbside pickup; \$19.39 back-door pick up; \$11.53 Senior curbside pickup; \$18.30 Senior backdoor pickup; \$24.00/mo Commercial curbside pickup	City bills residents through tax collection	City has a recycling trailer where residents can bring their recycling.	N/A	Everything; co-mingled	No charge.	Once a week	Curbside; behind the house available for additional cost
Clay City	Advance Disposal	\$12.10/mo	Billed through water bill	no curbside recycling	May be dropped off at County recycling center or at other drop off locations around the City	Everything; co-mingled	No charge	Once a week	Curbside preferable but behind the house available; dumpsters provided by city for large items
Crab Orchard	Republic Services	\$11.13/mo. (2 bins)	on water bill	Yes	Once a week	Everything; co-mingled	N/A	Once a week	Curbside
Cynthiana	Central Kentucky Hauling	\$12.00/mo - residential; Commercial dependent upon # of pick ups, weight, size, etc	\$12.00/mo billed on water bill;	Included	Once a week	Everything; co-mingled	No charge	Once a week	Curbside only; special/bulk pick ups available upon request and additional fee
Harrodsburg	Republic Services	\$14.22 basic service	On water bill	\$6.40 extra/mo	Every 2 weeks	Everything except glass	Curbside recycling offered for additional fee	Once a week	Curbside
Hustonsville	Solid waste service provided by individual residents upon request.	N/A	N/A	City offers recycling drop off at City Hall	Must be dropped off by residents at City Hall	No glass	No charge	Once a week	Curbside
Lancaster	Central Kentucky Hauling	\$8.40/mo for residential; extra for businesses	Fee on water bill	Provided by County	Once a week	Everything co-mingled	No charge	Once a week	Curbside pick up; County offers free dumping at the center every year; special/bulk pickup

Table 25
SOLID WASTE CHARGES AND SERVICES FOR BLUEGRASS AREA CITIES
 (Services provided by Franchisees)

Logistical Information				Recycling				Service Descriptions	
Franchise Agreements	Name of Franchisee	Cost to Resident	Fee Collection	Recycling Included?	Frequency of Recycling Service?	Level of recycling service included in basic price?	Cost of recycling as "add-on" service?	Frequency of Trash Service	Curbside or Behind the House Service
Midway	Rumpke	\$12.91/mo residential; \$23.80/mo business	Collect on utility bill	City offers free recycling; Rumpke takes it to Lexington recycling center	Once a week	Everything; co-mingled	No Charge for service; recycling bin available for additional charge	once a week for residential; twice a week for commercial	curbside; behind the house available for disability at no charge
Millersburg	Republic Services	\$10.50/mo residential	Residents receive solid waste bill	Included with garbage pick-up	Once a week	Everything co-mingled, no glass	No charge	Once a week	Curbside
Nicholasville	Central Kentucky Hauling	\$9.57/mo basic In-City curbside; \$11.54/mo basic County curbside; \$15.38 backdoor In-City; \$19.09 backdoor County curbside; Seniors age 60+ receive 20% discounted rate	Franchise bills resident	Available as Add-on service	Once a week	Everything co-mingled	\$1.95/mo	once a week; may pay \$12.31 for twice a week pick-up	Curbside or back door 1-2x/week
North Middletown	Rumpke	\$13.50/mo basic curbside; \$10.25 Senior rate; \$3.50 for bin rental Depends on type of service	on utility bill;	Recycling drop off available at City Office	N/A	Co-mingled, restrictions on glass color	N/A	Once a week	Curbside; containers available for small fee or can use own cans
Ravenna	Barn Sanitation	\$15.00/mo - residential only	Fee on water bill	Provided by County	Once a week	curbside pick up	No charge	Once a week	Usually curbside but behind the house available for qualifying sr. citizens
Richmond	Advance Disposal	\$7.07/mo for 1 cart; \$8.37/mo for 2 carts; \$9.67/mo for 3 carts (maximum allowed)	Advance Disposal bills resident directly	Free recycling offered to city resident	Twice monthly. For Richmond homes; drop off center for county residents	Plastics 1-9, steel, paper, cardboard, used shoes/clothing; materials must be seperated	No charge for service; \$5 for can	Once a week but can request additional weekly pick-ups	Curbside
Sadieville	Rumpke	\$10.83/mo	Rumpke bills resident directly quarterly	Not currently included with trash pick up but is an optional addition	Residents may bring recycling to County recycling center	Everything but glass at County	No Charge	Once a week	Curbside
Stanford	Republic Services	\$8.50/mo	On water bill	Service provided by Garrard/Lincoln Solid Waste	Once a week	Everything co-mingled; no electronics	No Charge	Once a week	Curbside
Stanton	Advance Disposal	\$7.94/mo	On water bill	Not in basic trash service	Citizens may take recycling to County recycling center	Everything; separate containers	N/A	Once a week	Curbside
Stamping Ground	Rumpke	\$13.30/mo	Billed on water bill	not in garbage pick up; available through county	must be dropped off by residents at county recycling center	Everything; co-mingled	No Charge	Once a week	Curbside

Percentage of Persons within Bluegrass Area Cities or Counties who have been determined to be of Low and Moderate Income

Since a number of the federal and state programs with which the ADD deals are income-limited, it often becomes advantageous for a city (and more rarely, for a county) to qualify a local jurisdiction with a high percentage of persons who are of low and moderate income. The list of cities and the percentage of persons who are designated by the Bureau of the Census as being of low to moderate income was updated in the second quarter of calendar year 2011. For this update, the first in a decade, more than two thirds of the percentages were left unaltered. For most of the others, the percentages of low and moderate income persons are higher than the year 2000 figures reported earlier. For some communities, the data are credible. For others, the data appear to be unreliable—and usually on the “too-low” side in terms of the percentages of persons of low and moderate income persons.

Whether or not the data appear to be credible, these are the new and the accepted percentages. State Government and the Federal Government cling to them. The percentage of low and moderate income persons for the 17 Bluegrass Area counties and the 32 Bluegrass Area cities is displayed within Table 26. (Lexington/Fayette is listed only once, and that listing is included in the listing of counties.) For participation in an income-limited program such as the HUD Community Development Block Grant program for small cities, the threshold that can permit an application to be submitted seeking federal financial assistance depends upon a demonstration that at least 51 percent of the persons within the jurisdiction qualify as being of low and moderate income. When the official income percentage fails to prove that case for a city or for a county, the city or the county may choose to conduct a statistically sound door-to-door survey of a sample of the targeted population. The survey results can then be forwarded to the ADD for compilation.

Table 26
Percentages of Low/Moderate Income (LMI)
for Bluegrass Area Counties and Cities

<u>COUNTY</u>	<u>Percent LMI</u> <u>Year 2000</u>	<u>Percent LMI</u> <u>Year 2010</u>	<u>CITY</u>	<u>Percent LMI</u> <u>Year 2000</u>	<u>Percent LMI</u> <u>Year 2010</u>
Anderson	35.4	n/c	Berea <	53.9	53.4
Bourbon >	47.5	49.0	Berry	62.5	n/c
Boyle	40.5	n/c	Burgin	45.2	n/c
Clark >	42.5	43.8	Carlisle	36.5	n/c
Estill	50.4	n/c	Clay City <	57.7	57.3
Franklin	40.3	n/c	Crab Orchard <	57.3	47.7
Garrard	38.7	n/c	Cynthiana	49.0	n/c
Harrison	38.7	n/c	Danville	43.0	n/c
Jessamine >	43.4	44.8	Eubank	69.2	n/c
Lincoln	43.8	n/c	Frankfort	45.5	n/c
Madison	49.5	n/c	Georgetown >	39.0	40.3
Mercer	40.1	n/c	Harrodsburg	51.7	n/c
Nicholas	39.4	n/c	Hustonville	34.9	n/c
Powell	45.8	n/c	Irvine	56.8	n/c
Scott >	34.7	36.0	Junction City	57.2	n/c
Woodford >	31.5	32.8	Lancaster	50.5	n/c
			Lawrenceburg	40.6	n/c
			Midway >	27.9	29.1
			Millersburg >	61.1	63.2
			Nicholasville >	46.0	47.8
			North Middletown >	56.9	59.6
			Paris >	52.9	54.4
			Perryville	48.0	n/c
			Ravenna	35.8	n/c
			Richmond	58.2	n/c
			Sadieville >	42.9	44.0
			Stamping Ground >	46.8	48.6
			Stanford	43.9	n/c
			Stanton	44.0	n/c
			Versailles >	47.6	49.2
			Wilmore >	52.9	54.0
			Winchester >	54.0	55.6

> increase
 < decrease
 n/c=no change

Source: U. S. Census Bureau

Note: It is important to note that these percentages are from 2010. Adjustments to these percentages are not available from the Census Bureau for 2014 and so the note below is in reference to the changes between 2000 and 2010.

Note: It is interesting to note the percentages of persons of low and moderate income changed in only five of the 17 Bluegrass area counties, and all five changes resulted in a higher percentage of LMI persons. For Bluegrass area cities, the percentages of persons of low and moderate income changed for only 14 of 32 Bluegrass area cities. Of the 14 cities whose LMI percentages were considered to have changed during the decade of the 00s, three cities showed a reduction in the percentage of LMI persons while 11 cities showed an increase.

Bluegrass Area Cities by Class

Effective January 1, 2015, Kentucky cities are classified based on their form of government. House Bill 331 creates two classes of cities based on the form of government: First Class (mayor-alderman form of government) and Home Rule Class (all other cities, including Lexington, which will maintain urban county government powers and responsibilities).

Previously, the scheme of six classes set by population standards affected more than 400 laws, including those impacting alcohol beverage control, revenue options and public safety. More than one-third of Kentucky cities were not in a classification that matched its population requirements and the granting of home rule authority in 1980 largely removed the necessity for such a complex classification system. Moreover, the voters of Kentucky recognized the need for changing the system when they approved a constitutional amendment in 1994 permitting the General Assembly to create a new classification system.

In several laws, the reform replaces class distinctions in with population criteria. However, some distinctions between cities remain based upon the population of the city and/or the previous classifications. For this reason, Table 27 which identifies BGADD cities under the old 6-class system remains.

Table 27
CITY CLASSIFICATIONS

Second Class Cities

Frankfort
Lexington (Urban County)
Richmond

Third Class Cities

Danville
Nicholasville
Paris
Winchester

Fourth Class Cities

Berea
Carlisle
Cynthiana
Georgetown
Harrodsburg
Irvine
Junction City
Lancaster
Lawrenceburg
Midway
Stanford
Stanton
Versailles
Wilmore

Fifth Class Cities

Burgin
Clay City
Hustonville
Millersburg
North Middletown
Perryville
Ravenna
Sadieville

Sixth Class Cities

Berry
Crab Orchard
Eubank
Stamping Ground

**Table 28
CURRENT LOCAL TAX RATES**

**ANDERSON COUNTY
FY 2017 (7/1/16 - 6/30/17)**

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES:</u>				
County Property Tax	13.00	1.42	13.60	
Health District Tax	3.00	3.00	3.00	
Library District Tax	8.40	8.40	2.70	
Extension Service	14.00	14.00	17.00	
County Schools	60.80	60.80	51.30	
County Schools - Utilities Tax				3.0%
County Insurance Prem. Tax				4.0%
 <u>COUNTY & SPECIAL DISTRICT TAXES (NOT COUNTYWIDE)</u>				
Fire Protection District Tax	6.60	6.60	22.90	
 <u>CITY TAXES</u>				
(Lawrenceburg)				
City Property Taxes	19.50	30.70	22.90	
City Occupational Licenses				various rates
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				8.0%

NOTES: Property tax rates are in cents per \$100 assessed valuation.

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.

Table 28 (continued)
CURRENT LOCAL TAX RATES

BOURBON COUNTY
FY 2017 (7/1/16 - 6/30/17)

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES:</u>				
County Property Tax	12.60	12.60	15.60	
County Payroll/Net Profits Tax				0.75%
Health District Tax	4.60	4.60	4.60	
Library District Tax	9.80	12.97	3.00	
Soil Conservation District	0.70	nontaxable	nontaxable	
Extension District Tax	2.89	3.87	1.80	
<u>COUNTY, SPECIAL DISTRICT,</u> <u>& SCHOOL TAXES</u> <u>(NOT COUNTYWIDE)</u>				
County Schools	58.80	58.80	54.70	
Paris Indep. Schools	71.60	71.60	55.30	
Paris Indep. Schools - Utilities Tax				3.0%
<u>CITY TAXES</u>				
(Paris)				
City Property Taxes	11.30	12.60	17.00	
City Payroll/Net Profits Tax				1.5%
City Cable TV Franchise Fee				5.0%
City Electric & Nat. Gas Franchise Fees				3.0%
City Insurance Premium Tax				10.0%
(Millersburg)				
City Property Taxes	62.10	62.10	61.00	
City Payroll/Net Profits Tax				1.0%
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				8.0%
City Cable TV Franchise Fee				5.0%
(North Middletown)				
City Property Taxes	26.00	26.50	29.00	
City Occupational Licenses				\$50/yr.
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				8.0%

NOTES: Property tax rates are in cents per \$100 assessed valuation.

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.

Table 28 (continued) CURRENT LOCAL TAX RATES

BOYLE COUNTY FY 2017 (7/1/16 - 6/30/17)

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES:</u>				
County Property Tax	6.60	7.32	7.32	
County Payroll/Net Profit Tax				0.75%
Health District Tax	2.70	2.70	2.70	
Library District Tax	7.50	9.31	9.31	
Extension District Tax	3.10	9.08	1.30	
Hotel/Motel Room Tax				3.0%
Soil Conservation District Tax	0.10	Non-taxable	Non-taxable	
<u>COUNTY, SPECIAL DISTRICT, & SCHOOL TAXES (NOT COUNTYWIDE)</u>				
Fire Protection District Tax	10.00	10.00	10.00	
County Schools	70.40	70.40	70.40	
Danville Independent Schools	95.50	95.50	66.90	
<u>CITY TAXES</u>				
(Danville)				
City Property Taxes	14.50	14.50	20.00	
City Payroll Tax				1.25%
City Net Profits Tax				1.0%
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				6.0%
(Junction City)				
City Property Taxes	12.50	12.50		
City Payroll/Net Profits Tax				1.0%
City Electric Franchise Fee				2.58%
City Insurance Premium Tax				12.0%
(Perryville)				
City Property Taxes	33.60	33.60	40.00	
City Payroll/Net Profits Tax				1.0%
City Occupational Licenses				\$25/yr. flat rate
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				10.0%
<u>OTHER PROPERTY RELATED TAXES</u>				
Timberland Fire Protection	2.0	cents per acre		

NOTES: Property tax rates are in cents per \$100 assessed valuation.

City of Perryville has a \$5.00 rate per \$100 assessed value on abandoned urban property.

Boyle County Fire District is county-wide except cities.

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.

**Table 28 (continued)
CURRENT LOCAL TAX RATES**

**CLARK COUNTY
FY 2017 (7/1/16 - 6/30/17)**

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES:</u>				
County Property Tax	9.30	11.51	10.50	
Health District Tax	4.60	4.60	4.60	
Library District Tax	7.10	9.59	4.90	
Extension District Tax	3.05	4.21	1.75	
Hotel/Motel Room Tax	2.7			3.0%
County Schools	62.20	62.20	55.30	
 <u>COUNTY & SPECIAL DISTRICT TAXES (NOT COUNTYWIDE)</u>				
County Payroll/Net Profits Tax				1.5%
County Insurance Premium Tax				4%
 <u>CITY TAXES</u>				
(Winchester)				
City Property Taxes	14.60	14.99	19.50	
City Payroll Tax				2.0%
City Occupational Licenses				varying rates
City Electric Franchise Fee				3.0%
City Natural Gas Franchise Fee				3.0%
City Insurance Premium Tax				8.0%

NOTES: Property tax rates are in cents per \$100 assessed valuation.

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.

**Table 28 (continued)
CURRENT LOCAL TAX RATES**

**ESTILL COUNTY
FY 2017 (7/1/16 - 6/30/17)**

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES:</u>				
County Property Tax	8.60	10.50	10.50	
County Payroll/Net Profits Tax				1.25%
Health District Tax	8.00	8.00	8.00	
Library District Tax	12.70	13.00	3.72	
Soil Conservation District Tax	1.50	NonTaxable	NonTaxable	
Extension District Tax	6.80	17.45	3.90	
Ambulance District Tax	10.00	10.00	10.00	
County Schools	45.40	45.40	54.80	
County Schools - Utilities Tax				3.0%
<u>COUNTY & SPECIAL DISTRICT TAXES (NOT COUNTYWIDE)</u>				
Red Lick Watershed District	5.00	NonTaxable	NonTaxable	
<u>CITY TAXES</u>				
(Irvine)***				
City Property Taxes	45.70	55.00	34.50	
City Occupational Licenses				varying rates
City Natural Gas Franchise Fee				4.0%
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				10.0%
(Ravenna)				
City Property Taxes	50.00	50.00	50.00	
City Occupational Licenses				varying rates
City Natural Gas Franchise Fee				2.0%
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				10.0%
<u>OTHER PROPERTY RELATED TAXES</u>				
Timberland Fire Protection	3.0 cents per acre			

NOTES: Property tax rates are in cents per \$100 assessed valuation.

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.

***Have not been set at time of printing

**Table 28 (continued)
CURRENT LOCAL TAX RATES**

**FAYETTE COUNTY
FY 2017 (7/1/16 - 6/30/17)**

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES:</u>				
LFUCG General Services District Tax	8.00	9.15	8.80	
Extension District Tax	0.32	0.38	0.32	
Health District Tax	2.80	2.80	2.80	
Lextran (bus system) Tax	6.00	6.00	6.00	
Soil Conservation District Tax	0.05	NonTaxable	NonTaxable	
LFUCG Payroll/Net Profits Tax				2.25%
Hotel/Motel Room Tax				9.5%
Insurance Premium Tax				5.0%
Electric & Natural Gas Franchise Fees				4.0%
Water Franchise Fee				3.0%
County Schools	74.00	74.00	59.20	
Schools - Payroll/Net Profits Tax				0.5%
Schools - Utilities Tax				3.0%
<u>NON-COUNTYWIDE PROPERTY TAXES (Special Services Dists.)</u>				
Refuse	14.31	NonTaxable	NonTaxable	
Street Cleaning	2.10	NonTaxable	NonTaxable	
Street Lights	0.97	NonTaxable	NonTaxable	

NOTES: Property tax rates are in cents per \$100 assessed valuation.

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.

**Table 28 (continued)
CURRENT LOCAL TAX RATES**

**FRANKLIN COUNTY
FY 2017 (7/1/16 - 6/30/17)**

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES:</u>				
County Property Tax	18.1	23.5	17	
Library District Tax	8.3	11.88	4.9	
Health District Tax	5.75	5.75	5.75	
Extension District Tax	1.4	2.6	1	
Soil Conservation District Tax	0.9	NonTaxable	NonTaxable	
Hotel/Motel Room Tax				3.00%
Fine Art Center Room Tax				2.0%
<u>COUNTY, SPECIAL DISTRICT, AND SCHOOL TAXES NOT COUNTYWIDE</u>				
County Insurance Premium Tax				6.0%
County Payroll/Net Profits Tax				1.0%
County Schools	67.40	67.40	51.00	
County Schools - Utilities Tax				3.0%
Frankfort Independent Schools	89.40	89.40	47.40	
Frankfort Schools - Utilities Tax				3.0%
Occupational Licenses				\$50
<u>CITY TAXES</u>				
(Frankfort)				
City Property Taxes	19.90	19.90	22.70	
City Payroll/Net Profits Tax				1.75%
City Insurance Premium Tax				6.0%

NOTES: Property tax rates are in cents per \$100 assessed valuation.

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.

**Table 28 (continued)
CURRENT LOCAL TAX RATES**

**GARRARD COUNTY
FY 2017 (7/1/16 - 6/30/17)**

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES:</u>				
County Property Tax	8.00	10.20	10.20	
County Payroll/Net Profits Tax				1.0%
Health District Tax	4.00	4.00	4.00	
Library District Tax	7.40	18.35	2.49	
Extension District Tax	4.10	10.73	2.30	
County Schools	65.40	65.40	55.10	
County Schools - Utilities Tax				3.0%
Soil Conservation	0.83			
<u>COUNTY & SPECIAL DISTRICT TAXES (NOT COUNTYWIDE)</u>				
Fire Prot.Dist. #1 (Lancaster sta.)	8.30	8.30	8.80	
Fire Prot.Dist. #2 (North Garrard)	6.50	6.50	6.50	
Fire Prot.Dist. #3 (Buckeye)	6.90	6.90	6.90	
Fire Prot.Dist. #4 (Cartersville & Paint Lick)	6.00	6.00	6.00	
<u>CITY TAXES</u>				
(Lancaster)***				
City Property Taxes	15.60	26.00	24.20	
City Occupational Licenses				varying rates
City Electric Franchise Fee				3.0%
City Natural Gas Franchise Fee				1.0%
City Insurance Premium Tax	10			10.0%

NOTE: GARRARD CO FIRE DISTRICT #1 COVERAGE EXCLUDES THE CITY OF LANCASTER

NOTES: Property tax rates are in cents per \$100 assessed valuation.

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.

***Have not been set at time of printing

**Table 28 (continued)
CURRENT LOCAL TAX RATES**

**HARRISON COUNTY
FY 2017 (7/1/16 - 6/30/17)**

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES:</u>				
County Property Tax	10.20	12.90	12.90	
County Payroll/Net Profits Tax				1.5%
Health District Tax	4.50	4.50	4.50	
Library District Tax	7.00	14.11	4.20	
Soil Conservation District Tax	1.10	NonTaxable	NonTaxable	
Extension District Tax	5.00	10.09	2.50	
County Schools	49.00	49.00	50.00	
 <u>COUNTY & SPECIAL DISTRICT TAXES (NOT COUNTYWIDE)</u>				
Fire Protection District Tax	6.30	6.30	6.00	
 <u>CITY TAXES</u>				
(Cynthiana)				
City Property Taxes	17.50	21.08	16.00	
City Payroll/Net Profits Tax				1.5%
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				6.0%
(Berry)				
City Property Tax	22.00	18.00	36.00	
City Electric Franchise Fee				2.77%
City Insurance Premium Tax				7.0%

NOTES: Property tax rates are in cents per \$100 assessed valuation.

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.

**Table 28 (continued)
CURRENT LOCAL TAX RATES**

UPDATED 10-25-2016

**JESSAMINE COUNTY
FY 2017 (7/1/16 - 6/30/17)**

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES:</u>				
County Property Tax	6.70	14.00	11.40	
County Payroll/Net Profits Tax				1.0%
Health District Tax	3.00	3.00	3.00	
Library District Tax	10.70	19.52	19.52	
County Schools	68.00	68.00	68.00	
County Schools - Utilities Tax				3.0%
 <u>COUNTY & SPECIAL DISTRICT TAXES (NOT COUNTYWIDE)</u>				
Fire Protection District Tax	5.20	4.80	4.80	
N. Jessamine Fire Protection Subdist.	4.50	4.60	4.60	
 <u>CITY TAXES</u>				
(Nicholasville)				
City Property Taxes	18.60	18.60	18.60	
City Payroll Tax				1.5%
City Net Profits Tax				1.0%
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				6.5%
City Hotel/Motel Room Tax				3.0%
Bank Franchise Fee				2.0%
Solid Waste Franchise Fee				10.0%
 (Wilmore)				
City Property Tax	22.30	74.81	74.81	
City Payroll/Net Profits Tax				2.0%
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				6.0%

NOTE: FIRE PROTECTION DISTRICT IS CO WIDE EXCEPT CITIES OF NICHOLASVILLE AND WILMORE
NOTE: NORTH JESSAMINE SUB FIRE DISTRICT IS ADDITIONAL TO THE GENERAL FIRE PROTECTION

NOTES: Property tax rates are in cents per \$100 assessed valuation.

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.

**Table 28 (continued)
CURRENT LOCAL TAX RATES**

**LINCOLN COUNTY
FY 2017 (7/1/16 - 6/30/17)**

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES:</u>				
County Property Tax	10.50	10.50	13.40	
County Payroll/Net Profits Tax				1.0%
Ambulance District Tax***	9.80	9.80	5.00	
Health District Tax***	4.00	4.00	4.00	
Library District Tax***	7.80	7.80	2.30	
Extension District Tax	3.90	7.71	2.40	
County Schools	51.60	51.60	54.20	
County Schools - Utilities Tax				3.0%
<u>COUNTY & SPECIAL DISTRICT TAXES - (NOT COUNTYWIDE)</u>				
Fire Protection District Tax	6.60	6.60	4.40	
<u>CITY TAXES</u>				
(Stanford)				
City Property Taxes	13.40	12.20	14.00	
City Payroll/Net Profits Tax				0.65%
City Electric Franchise Fee				1.82%
City Insurance Premium Tax				9.0%
Occupational Business License ¹				\$50.00
(Crab Orchard)				
City Property Tax	12.50	13.50	18.00	
City Occupational Licenses				\$35 & up
City Electric Franchise Fee				2.81%
City Insurance Premium Tax				9.00%
(Hustonville)				
City Property Tax	11.90	33.80	18.40	
City Occupational Licenses				none
City Electric Franchise Fee				2.55%
City Natural Gas Franchise Fee				1.0%
City Insurance Premium Tax				3.0%
(Eubank)				
City Property Tax	20.00	20.00	20.00	
<u>OTHER PROPERTY RELATED TAXES</u>				
Timberland Fire Protection	2.0 cents per acre			

NOTES: Property tax rates are in cents per \$100 assessed valuation.

Fire Protection District is county-wide except cities.

¹Occupational Business License Fee is collected yearly

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.

***Have not been set at time of printing

Table 28 (continued)
CURRENT LOCAL TAX RATES

MADISON COUNTY
FY 2017 (7/1/16 - 6/30/17)

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES:</u>				
County Property Tax	8.30	9.50	10.00	
Health District Tax	5.00	5.00	5.00	
Library District Tax	5.80	9.09	9.09	
Extension District Tax	1.64	3.31	1.30	
Ambulance District Tax	5.00	6.00	6.00	
<u>COUNTY, SPECIAL DISTRICT,</u> <u>& SCHOOL TAXES</u> <u>(NOT COUNTYWIDE):</u>				
County Payroll/Net Profits Tax				1.0%
Red Lick Watershed District	5.00	NonTaxable	NonTaxable	
County Schools	61.80	91.80	91.80	
County Schools - Utilities Tax				3.0%
Berea Independent Schools	89.10	89.10	89.10	
Berea Schools - Utilities Tax				3.0%
<u>CITY TAXES</u>				
(Richmond)				
City Property Taxes	14.40	15.80	14.70	
City Payroll/Net Profits Tax				2.0%
Hotel/Motel Room Tax				3.0%
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				8.0%
(Berea)				
City Property Tax	10.20	10.20	10.10	
City Payroll/Net Profits Tax				2.0%
Hotel/Motel Room Tax				3.0%
City Electric & Water Franchise Fees				3.0%
City Restaurant Tax				3.0%
Insurance Premium Tax				6.0%
<u>OTHER PROPERTY RELATED TAXES</u>				
Timberland Fire Protection	3.0 cents per acre			

NOTES: Property tax rates are in cents per \$100 assessed valuation.

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.

**Table 28 (continued)
CURRENT LOCAL TAX RATES**

**MERCER COUNTY
FY 2017 (7/1/16 - 6/30/17)**

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES:</u>				
County Property Tax	11.50	14.93	9.20	
County Payroll/Net Profits Tax				0.45%
Health District Tax	4.00	4.00	4.00	
Library District Tax	8.30	8.30	5.00	
Soil Conservation District Tax	0.70	NonTaxable	NonTaxable	
Extension District Tax	4.10	8.99	1.20	
<u>COUNTY, SPECIAL DISTRICT, & SCHOOL TAXES - NOT COUNTYWIDE:</u>				
Fire Protection District Tax	6.00	6.00	10.00	
County Schools	64.90	64.90	49.10	
County Schools - Utilities Tax				3.0%
Burgin Independent Schools	67.80	67.80	54.60	
Burgin Schools - Utilities Tax				3.0%
<u>CITY TAXES:</u>				
(Harrodsburg)				
City Property Taxes	6.77	6.77	23.00	
City Payroll/Net Profits Tax				1.0%
City Electric Franchise Fee				3.0%
City Natural Gas Franchise Fee				3.0%
City Insurance Premium Tax				10.0%
City Restaurant Tax				3.0%
***(Burgin)				
City Property Tax	19.00	80.60	20.00	
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				10.0%

NOTES: Property tax rates are in cents per \$100 assessed valuation.

Fire Protection District is county-wide except for cities.

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.

***Have not been set at time of printing

**Table 28 (continued)
CURRENT LOCAL TAX RATES**

**NICHOLAS COUNTY
FY 2017 (7/1/16 - 6/30/17)**

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES***:</u>				
County Property Tax	13.60	15.20	15.00	
County Payroll/Net Profits Tax				1.0%
Health District Tax	5.00	5.00	5.00	
Library District Tax	7.10	12.60	2.20	
Extension District Tax	3.00	6.00	5.00	
Soil Conservation District Tax	15.00	Non-Taxable	Non-Taxable	
County Schools	38.00	38.00	55.50	
County Schools - Utilities Tax				3.0%
 <u>COUNTY & SPECIAL DISTRICT TAXES (NOT COUNTYWIDE)</u>				
Fire Protection District Tax	5.30	5.20	4.40	
 <u>CITY TAXES</u>				
(Carlisle)				
City Property Taxes	20.70	53.00	43.00	
City Payroll/Net Profits Tax				1.0%
City Insurance Premium Tax				7.5%

NOTES: Property tax rates are in cents per \$100 assessed valuation.

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.

***Have not been set at time of printing

**Table 28 (continued)
CURRENT LOCAL TAX RATES**

**POWELL COUNTY
FY 2017 (7/1/16 - 6/30/17)**

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES:</u>				
County Property Tax	7.58	7.58	13.30	
County Payroll/Net Profits Tax				1.25%
Health District Tax	4.00	4.00	4.00	
Library District Tax	4.70	5.67	6.00	
Extension District Tax	3.00	3.67	4.50	
Hotel/Motel Room Tax				3.0%
County Schools	36.40	36.40	50.20	
County Schools - Utilities Tax				3.0%
<u>COUNTY & SPECIAL DISTRICT TAXES (NOT COUNTYWIDE):</u>				
County Insurance Premium Tax				3.0%
<u>CITY TAXES:</u>				
(Stanton)***				
City Property Taxes	10.00	10.00	17.90	
City Payroll Tax				1.0%
City Occupational Licenses				varying rates
City Insurance Premium Tax				5.0%
City Restaurant Tax				3.0%
(Clay City)***				
City Property Tax	8.90	9.65	15.20	
City Payroll				1.0%
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				5.0%
City Business Licenses				varying rates
<u>OTHER PROPERTY RELATED TAXES</u>				
Timberland Fire Protection	2.0 cents per acre			

NOTES: Property tax rates are in cents per \$100 assessed valuation.

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.

**Table 28 (continued)
CURRENT LOCAL TAX RATES**

**SCOTT COUNTY
FY 2017 (7/1/16 - 6/30/17)**

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES***:</u>				
County Property Tax	6.70	6.70	6.70	
County Payroll/Net Profits Tax				1.0%
Health District Tax	2.20	2.20	2.20	
Library District Tax	6.50	6.50	6.00	
Extension District Tax	1.80	2.99	1.60	
Hotel/Motel Room Tax				3.0%
County Schools	50.00	50.00	54.80	
County Schools - Utilities Tax				3.0%
County Schools - Payroll/Net Profits				0.5%
<u>COUNTY & SPECIAL DISTRICT TAXES (NOT COUNTYWIDE)</u>				
	NONE			
<u>CITY TAXES</u>				
(Georgetown)				
City Property Tax	6.50	6.50	16.80	
City Payroll/Net Profits Tax				1.0%
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				5.0%
(Stamping Ground)				
City Property Tax	14.80	14.80	40.00	
City Occupational Licenses				varying rates
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				6.0%
(Sadieville)				
City Property Tax	13.49	3.90	35.00	
City Occupational Licenses				varying rates
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				10%

NOTES: Property tax rates are in cents per \$100 assessed valuation.

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.

***Have not been set at time of printing

**Table 28 (continued)
CURRENT LOCAL TAX RATES**

**WOODFORD COUNTY
FY 2017 (7/1/16 - 6/30/17)**

	<u>REAL*</u> <u>ESTATE</u>	<u>TANGIBLE*</u> <u>PERSONAL</u>	<u>MOTOR**</u> <u>VEHICLES</u>	<u>OTHER</u>
<u>COUNTYWIDE TAXES:</u>				
County Property Tax	7.00	7.00	7.00	
County Payroll/Net Profits Tax				1.5%
Health District Tax	2.00	2.00	2.00	
Library District Tax	6.30	6.30	6.30	
Extension District Tax	1.70	1.80	1.50	
County Schools	66.40	66.40	50.90	
County Schools - Utilities Tax				3.0%
 <u>COUNTY & SPECIAL DISTRICT TAXES (NOT COUNTYWIDE)</u>				
Fire Protection District Tax	6.00	6.00	3.70	
 <u>CITY TAXES</u>				
(Versailles)				
City Property Tax	5.60	10.35	12.00	
City Payroll/Net Profits Tax				1.5%
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				9.0%
 (Midway)				
City Property Tax	10.20	14.00	14.00	
City Payroll/Net Profit Tax				2.0%
City Electric Franchise Fee				3.0%
City Insurance Premium Tax				5.0%

NOTES: Property tax rates are in cents per \$100 assessed valuation.

Fire Protection District is county-wide except for cities.

*Real & tangible rates are those for property owned as of 1/1/16 but collected during FY 2016-2017.

**Motor vehicle rates are those for vehicles owned as of 1/1/17. Taxes are collected at these rates throughout calendar year 2017.