

Bluegrass Area Development District Rate Book

October 2018



Water and Wastewater Rates
Solid Waste Rates & Services
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% 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 2017 (as compared to 2016).
- Table 7 presents seven-year water production averages (2011-2017) 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 and 2017 Estimates accordingly.

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 surface water or ground water from the Kentucky River basin. Tier I charges are presently set at 2.2 cents for each 1,000 gallons.

Tier II rates apply to virtually all who withdraw surface water from the river's main stem. 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.

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
In-City Customers
Bluegrass Area Cities Over Population 2,500
(In Gallons and Cubic Feet)

UPDATED
10/31/2018

	Effective Date for Rates	Min. Bill	Min. Quantity (gal.)	Cost Per Month For:																							
				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.) (4,000 cf)		% Dev. from Mean		300,000 (gal.) (40,000 cf)		% Dev. from Mean	
				Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean
Berea *	Jul-10	\$ 11.50	1500	\$ 14.70	12	4	\$ 21.10	12	10	\$ 27.50	13	13	\$ 40.30	14	17	\$ 171.31	12	14	\$ 1,268.51	6	-6						
Cynthiana	Jan-16	9.05	2000	9.05	3	-36	12.55	2	-35	16.05	2	-34	23.05	2	-33	85.45	2	-43	623.85	2	-54						
Danville*	Jul-18	8.80	750	13.70	11	-3	16.87	6	-12	19.80	6	-19	25.65	3	-25	88.71	3	-41	1,322.39	7	-2						
Frankfort *	Aug-18	9.00	0	20.10	17	42	25.65	16	33	31.20	16	28	42.30	16	23	166.50	11	11	1,575.00	13	17						
Georgetown	Nov-07	8.54	2000	8.54	2	-40	13.34	3	-31	18.14	3	-25	27.74	4	-19	142.94	8	-5	1,438.94	10	7						
Harrodsburg	Sep-12	9.87	1875	10.50	4	-26	15.50	5	-19	20.50	6	-16	30.50	6	-11	138.11	6	-8	992.14	4	-26						
Irvine	Jul-18	16.54	2000	16.54	14	17	22.81	14	19	29.08	15	20	41.62	15	21	192.10	17	28	1,885.00	18	40						
Lancaster	Mar-16	12.97	1000	19.51	16	38	26.05	17	36	32.59	17	34	44.91	17	31	185.57	15	24	1,611.17	14	19						
Lawrenceburg*	Mar-18	16.41	2000	16.41	13	16	21.46	13	12	26.51	11	9	36.61	11	7	157.81	10	5	1,473.31	11	9						
KAWC*	Jul-18	12.49	0	24.53	18	73	30.55	18	59	36.57	18	50	48.61	18	42	186.93	16	24	1,497.08	12	11						
Nicholasville*	Aug-18	4.42	0	13.28	9	-6	17.71	9	-8	22.14	8	-9	31.00	8	-10	137.48	5	-8	1,332.60	8	-1						
Paris	Feb-13	8.34	0	8.34	1	-41	11.19	1	-42	14.04	1	-42	19.74	1	-42	85.04	1	-43	614.65	1	-54						
Richmond	Jul-18	11.82	2250	11.82	6	-17	15.36	4	-20	20.09	5	-17	29.50	5	-14	141.60	7	-6	1,098.57	5	-19						
Stanford	Jun-16	13.08	2000	13.08	8	-8	17.47	7	-9	21.86	7	-10	30.64	7	-11	129.80	4	-14	909.90	3	-33						
Stanton	Jul-18	17.26	2000	17.26	15	22	22.85	15	19	28.44	14	17	39.62	13	16	173.78	13	16	1,683.08	15	25						
Versailles	Jul-18	8.37	1000	13.04	7	-8	17.71	9	-8	22.38	9	-8	31.72	9	-8	143.80	9	-4	1,382.20	9	2						
Wilmore	Jul-18	10.85	2000	10.85	5	-23	17.55	8	-9	24.25	10	0	36.45	10	6	179.70	14	46	1,786.20	16	32						
Winchester	Mar-18	5.38	750	13.60	10	-4	20.17	11	5	26.74	12	10	37.49	12	9	197.62	18	32	1,788.45	17	33						
Average		\$ 10.82		\$ 14.16			\$ 19.22			\$ 24.33			\$ 34.30			\$ 150.24			\$ 1,349.06								

*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.

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
10/31/2018

Effective Date for Rates	Min. Bill	Min. Quantity (gal.)	Cost Per Month For:																							
			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.) (4,000 cf)		% Dev. from Mean		300,000 (gal.) (40,000 cf)		% Dev. from Mean	
			Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean
Berea*	Jul-10	\$ 11.50	1500	\$ 14.70	6	-15	\$ 21.10	9	-10	\$ 27.50	10	-7	\$ 40.30	11	-3	\$ 171.31	13	-4	\$ 1,268.51	6	-18					
Cynthiana	Jan-16	12.67	2000	12.67	5	-27	17.57	5	-25	22.47	4	-24	32.27	4	-22	119.63	2	-33	873.39	2	-44					
Danville ³	Jul-18	14.35	750	22.32	17	29	27.50	16	18	32.27	13	9	41.82	12	1	144.61	5	-19	1,322.39	7	-15					
Frankfort	Aug-18	9.00	0	21.98	16	27	28.47	17	22	34.96	17	19	47.94	15	15	166.50	10	-6	1,575.00	13	1					
Georgetown	Nov-07	8.54	2000	8.54	1	-21	13.34	1	-43	18.14	1	-25	27.74	2	-24	142.94	4	-20	1,438.94	10	-19					
Harrodsburg	Sep-12	9.87	1875	10.50	2	-39	15.50	2	-34	20.50	3	-31	30.50	3	-27	138.11	3	-22	992.14	3	-36					
Irvine	Jul-18	18.54	2000	18.54	13	8	26.61	15	14	34.68	16	18	50.50	17	22	244.50	18	38	2,423.40	20	56					
Lancaster	Mar-16	19.46	1000	29.27	20	70	39.08	20	67	48.89	20	66	67.37	20	62	278.36	20	57	2,416.76	19	55					
Lawrenceburg*	Mar-18	16.41	2000	16.41	10	-5	21.46	10	-8	26.51	9	-10	36.61	8	-12	157.81	8	-11	1,473.31	11	-5					
KAWC*	Jul-18	12.49	0	24.53	19	42	30.55	18	31	36.57	18	24	48.61	16	17	186.93	15	5	1,497.08	12	-4					
Nicholasville	Aug-18	6.60	0	19.56	15	13	26.04	14	12	32.52	14	10	45.48	14	9	201.48	16	13	1,952.30	16	25					
Paris	Feb-13	11.68	0	11.68	4	-32	15.67	3	-33	19.66	2	-33	27.64	1	-33	118.96	1	-33	860.50	1	-45					
Richmond	Jul-18	14.76	2250	14.76	7	-14	19.18	6	-18	25.07	7	-15	36.46	7	-12	165.52	9	-7	1,360.38	8	-13					
Richmond ¹	Jul-18	19.24	2000	19.24	14	12	25.60	12	10	31.96	12	8	42.78	13	3	156.54	7	-12	1,436.34	9	-8					
Stanford	Jun-16	14.93	2000	14.93	8	-13	19.92	7	-15	24.91	6	-16	34.89	5	-16	147.45	6	-17	1,029.50	4	-34					
Stanford ²	Jun-16	17.13	2000	17.13	11	-1	22.81	11	-2	28.55	11	-3	39.97	10	-4	168.56	12	-5	1,173.31	5	-25					
Stanton	Jul-18	32.0324.24	2000	24.24	18	41	32.03	19	37	39.82	19	35	55.40	19	33	242.36	17	36	2,345.66	18	51					
Versailles	Jul-18	10.00	1000	15.42	9	-11	20.84	8	-11	26.26	8	-11	37.10	9	-11	167.18	11	-6	1,587.08	14	2					
Wilmore*	Jul-18	10.85	2000	10.85	3	-37	17.55	4	-25	24.25	5	-18	36.45	6	-12	179.70	14	1	1,786.20	15	15					
Winchester	Mar-18	6.65	750	17.53	12	2	26.00	13	11	34.47	15	17	51.40	18	24	254.60	19	43	2,315.20	17	49					
Average		\$ 12.88		\$ 17.24			\$ 23.34			\$ 29.50			\$ 41.56			\$ 177.65			\$ 1,556.37							

*same as city rates

¹ Milford

² Hubble

³ Junction City and Perryville

Rank:

Highest
Lowest

**Table 3
WATER RATE COMPARISON
In-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)			% 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		
				Rank	Mean	Mean	Rank	Mean	Rank	Mean	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank	Mean				
Burgin	May-11	\$ 14.90	750	100	\$ 26.26	10	28	\$ 35.36	10	25	\$ 54.22	11	46	\$ 76.75	11	46	\$ 305.40	9	39														
Carlisle	Jul-17	21.24	2000	267	21.24	6	4	28.91	6	2	36.58	7	-1	51.24	7	-2	206.80	6	-6														
Clay City	Jul-17	21.80	2000	267	21.80	7	6	29.86	7	5	37.92	8	2	54.04	8	3	247.48	8	12														
Crab Orchard	Jul-18	17.33	2000	267	17.33	4	-15	23.91	4	-16	30.49	4	-18	44.67	4	-15	215.17	7	-2														
Eubank	May-11	14.00	1000	133	20.50	5	0	27.00	5	-5	33.50	5	-10	45.80	5	-13	185.00	4	-16														
Hustonville	Nov-14	11.50	2000	267	11.50	3	-44	16.48	3	-42	21.45	3	-42	26.43	1	-50	43.49	1	-80														
Midway	Dec-10	11.64	1000	133	22.94	8	12	34.24	9	21	45.54	9	23	68.14	9	30	339.34	12	54														
Millersburg*	Jul-18	12.49	1000	133	24.53	9	20	30.55	8	8	36.57	6	-1	48.61	6	-7	186.93	5	-15														
N.Middletown**	Jul-17	28.79	2000	267	28.79	11	41	40.96	11	44	53.13	10	43	76.21	10	45	306.25	10	39														
N.Middletown***	Jul-17	33.84	2000	267	33.84	12	65	46.32	12	63	58.80	12	59	82.50	12	57	320.18	11	45														
Sadieville ¹	Nov-07	8.54	2000	267	8.54	1	-58	13.34	1	-53	18.14	1	-51	27.74	2	-47	142.94	2	-35														
Stamping Ground ¹	Nov-07	8.54	2000	267	8.54	1	-58	13.34	1	-53	18.14	1	-51	27.74	2	-47	142.94	2	-35														
Average		\$ 17.05			\$ 20.48			\$ 28.36			\$ 37.04			\$ 52.49			\$ 220.16																

* 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

¹City is served by GMWSS. Fee schedule follows that of GMWSS.

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	10	18	\$ 42.16	10	21	\$ 54.22	10	22	\$ 76.75	10	24	\$ 305.40	8	21
Carlisle	Jul-17	22.80	2000	267	22.80	6	-11	30.77	7	-12	38.74	7	-12	53.96	7	-13	210.56	6	-16
Clay City	Jul-17	27.49	2000	267	27.49	8	8	39.03	8	12	50.57	8	14	73.65	8	19	350.61	11	39
Crab Orchard	Jul-18	22.28	2000	267	22.28	5	-13	29.50	5	-15	36.72	6	-17	52.12	6	-16	234.24	7	-7
Eubank	May-11	14.00	1000	133	20.50	4	-20	27.00	3	-23	33.50	3	-24	45.80	3	-26	185.00	4	-27
Hustonville	Nov-14	19.41	200	267	19.41	3	-24	27.81	4	-20	36.21	4	-18	48.88	5	-21	169.98	3	-33
Millersburg**	Jul-18	12.49	1000	133	24.53	7	-4	30.55	6	-12	36.57	5	-17	48.61	4	-22	186.93	5	-26
N.Middletown**	Jul-17	28.79	2000	267	28.79	9	13	40.96	9	17	53.13	9	20	76.21	9	23	306.25	9	21
N.Middletown***	Jul-17	33.84	2000	267	33.84	11	33	46.32	11	33	58.80	11	33	82.50	11	33	320.18	10	27
Sadieville ¹	Nov-07	8.54	2000	267	8.54	1	-67	13.34	1	-62	18.14	1	-59	27.74	1	-55	142.94	1	-43
Stamping Ground ¹	Nov-07	8.54	2000	267	8.54	1	-67	13.34	1	-62	18.14	1	-59	27.74	1	-55	142.94	1	-43
Average		\$ 21.78			\$ 25.52			\$ 34.90			\$ 44.27			\$ 62.05			\$ 252.13		

*same as city rates

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

¹City is served by GMWSS. Fee schedule follows that of GMWSS.

Rank:

Highest
Lowest

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

	Effective Date for Rates	Min. Bill	Min. Quantity (gal.)	Cost Per Month For:																Principal County of Service
				2,000 Gallons (267 cf)		% Dev. From Mean		3,000 Gallons (400 cf)		% Dev. From Mean		4,000 Gallons (535 cf)		% Dev. From Mean		6,000 Gallons (800 cf)		% Dev. From Mean		
Corinth WD*	Aug-17	\$ 18.34	1000	\$ 31.83	32	36	\$ 45.32	34	45	\$ 58.81	35	51	\$ 84.37	35	56	\$ 345.45	35	61	Grant	
E. Casey Co. WD*	Jul-12	16.60	2000	16.60	5	-29	23.70	6	-24	30.80	8	-21	44.70	10	-17	191.40	13	-11	Casey	
E. Clark Co. WD	Jul-18	26.22	2000	26.22	26	12	37.08	30	19	47.94	31	23	69.66	33	29	305.90	34	43	Clark	
Elkhorn WD	May-18	15.73	2000	15.73	3	18	21.95	3	-30	28.17	5	-28	40.03	5	-26	150.79	6	-30	Franklin	
Estill Co. WD	Nov-17	21.18	2000	21.18	12	-10	31.51	19	1	41.84	22	7	62.28	27	15	262.73	29	23	Estill	
Estill Co. WD (Cobhill)	Nov-17	25.99	2000	25.99	25	11	36.32	28	16	46.65	28	20	67.09	31	24	267.54	31	25	Estill	
Farmdale WD	Dec-17	17.92	2000	17.92	6	-23	23.88	7	-23	29.84	6	-23	41.30	7	-24	175.60	8	-18	Franklin	
Garrard Co. WA	Oct-17	11.68	1000	17.97	7	-23	23.05	5	-26	27.91	3	-28	37.30	2	-31	146.02	5	-32	Garrard	
Harrison Co. WA	Feb-16	18.89	2000	18.89	8	-19	26.02	9	-17	32.97	10	-15	46.33	11	-14	200.17	14	-6	Harrison	
Jackson Co. WA	May-17	24.05	2000	24.05	22	3	34.60	26	11	45.15	27	16	66.25	30	23	301.35	33	41	Jackson	
Jessamine Co. WD #1	Jul-18	28.60	3000	28.60	31	22	28.60	12	-8	35.40	12	-9	49.00	13	-9	207.80	17	-3	Jessamine	
Jessamine S. Elkhorn WD (NW Co.)	May-18	26.60	2000	26.60	28	14	34.25	25	10	41.90	23	7	57.00	21	5	233.56	24	9	Jessamine	
Jessamine S. Elkhorn WD (SE Co.)	May-18	33.10	2000	33.10	33	41	40.75	32	31	48.40	32	24	63.50	28	17	240.06	25	12	Jessamine	
Judy WA*	Aug-17	13.13	1000	21.89	15	-6	30.65	18	-2	39.41	18	1	56.03	19	4	226.67	23	6	Montgomery	
Judy WA (Bourbon Co.)*	Aug-17	29.90	1000	38.66	35	65	47.42	35	52	56.18	34	44	72.80	34	35	243.44	26	14	Montgomery	
Kirksville WA*	Jul-17	19.59	2000	19.59	9	-16	29.03	13	-7	38.47	16	-1	55.88	18	3	222.76	22	4	Madison	
Lake Village WA*	May-16	26.40	2000	26.40	27	13	36.65	29	18	46.90	29	20	67.40	32	25	293.60	32	37	Mercer	
Madison Co. Utilities WD*	Jul-17	16.25	2100	16.25	4	-31	22.42	4	-28	29.27	5	-25	42.98	8	-20	200.86	15	-6	Madison	
McKinney WD	Aug-17	14.42	1000	23.31	19	0	32.20	20	3	39.68	20	2	54.64	17	1	220.56	20	3	Lincoln	
N. Mercer WD*	Sep-12	16.59	1000	23.58	20	1	30.57	17	-2	36.86	14	-5	49.24	14	-9	189.40	12	-12	Mercer	
N. Shelby Water Co.	Dec-17	22.38	2000	22.38	17	-4	29.87	16	-4	37.36	15	-4	50.96	15	-6	183.80	9	-14	Shelby	
N.E. Woodford WD	Jul-18	13.06	2000	13.06	1	-44	17.38	1	-44	21.70	1	-44	29.76	1	-45	122.09	1	-43	Woodford	
Nicholas Co. WD	Sep-15	14.62	1000	21.57	13	-8	28.52	11	-9	34.22	11	-12	44.47	9	-18	139.17	2	-35	Nicholas	
Parksville WD*	May-15	29.75	1000	36.05	34	54	42.35	33	36	48.65	33	25	61.53	26	14	244.65	27	14	Boyle	
Peaks Mill WD*	Nov-17	28.08	2000	28.08	30	20	37.82	31	21	47.55	30	22	65.71	29	22	245.63	28	15	Franklin	
Powells Valley WD*	Oct-17	23.22	2000	23.22	18	-1	33.28	23	7	43.34	25	11	61.48	25	14	265.00	30	24	Powell	
Reid Village WD*	Aug-17	25.55	2000	25.55	23	9	34.13	24	9	42.12	24	8	57.49	22	6	222.21	21	4	Montgomery	
S. Anderson WD*	Nov-17	19.93	2000	19.93	10	-15	29.72	15	-5	39.51	19	1	56.84	20	5	207.80	17	-3	Anderson	
S. Madison WD**	Nov-16	13.14	2000	13.14	2	-44	19.62	2	-37	25.68	2	-34	37.82	3	-30	153.32	7	-28	Madison	
S. Woodford WD*	Jul-13	20.20	2000	20.20	11	-14	25.05	8	-20	29.90	7	-23	39.18	4	-28	143.94	3	-33	Woodford	
S. Woodford WD (Phase 3)*	Jul-13	22.20	2000	22.20	16	-5	27.05	10	-13	31.90	9	-18	41.18	6	-24	145.94	4	-32	Woodford	
Sharpsburg WD	Feb-17	25.94	2000	25.94	24	11	32.42	21	4	38.90	17	0	51.20	16	-5	185.68	10	-13	Bath	
US 60 WD	Nov-16	14.14	1000	21.83	14	26	29.52	14	32	35.95	13	42	48.20	12	-11	187.88	11	-12	Shelby	
W. Fleming WD*	Oct-14	15.01	1000	23.75	21	1	32.49	22	4	41.23	21	6	58.71	23	9	202.73	16	-5	Fleming	
W. Rockcastle WA	Aug-12	27.94	2000	27.94	29	19	36.06	27	16	44.18	26	13	59.78	24	11	217.20	19	1	Rockcastle	
Average		\$ 21.04		\$ 23.41			\$ 31.18			\$ 38.99			\$ 54.06			\$ 214.08				

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 for 30,000 gallons is based on Residential rates

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

Rank:

Highest
Lowest

**Table 6
WATER PRODUCTION FOR CALENDAR YEAR 2017**

Water Utility Name	Existing Capacity (MGD)	2017 Avg. Daily Treated (MGD)	Avg. as % of Capacity	5% of Days are Equal to or Greater Than: (MGD)	Peak Day Day (MGD)	Historic Peak		2016 Avg. Daily Treated (MGD)	Percent Change 2016/2017
						Year	(MGD)		
Beech Fork Comm.	1.94	1.200	62%	1.230	1.548	1999	1.726	1.096	9
Berea Municipal	6.00	2.797	47%	3.107	3.451	2015	4.341	2.810	0
Carlisle	1.37	0.475	35%	0.623	0.920	2004	1.220	0.515	-8
Cynthiana	6.00	2.009	33%	2.461	3.668	2012	3.721	2.171	-7
Danville	12.00	5.139	43%	6.090	6.911	2010	7.238	5.468	-6
Frankfort Water Plant Board	18.00	8.073	45%	10.444	11.257	2012	16.169	8.264	-2
Georgetown Municipal*	4.00	2.627	66%	3.235	3.531	2013	5.418	2.530	4
Harrodsburg	4.00	3.113	78%	3.666	4.914	2015	5.448	2.734	14
Irvine Municipal	2.00	1.388	69%	1.505	1.586	2008	1.987	1.402	-1
KAWC**	90.00	40.200	45%	49.420	60.050	2002	73.580	38.900	3
Lancaster	2.50	1.570	63%	1.402	1.942	2005	2.879	1.570	0
Lawrenceburg	4.00	1.956	49%	2.205	2.562	2007	3.302	1.922	2
Nicholasville	9.00	3.853	43%	4.767	5.872	2011	7.728	3.994	-4
Paris	3.00	2.200	73%	2.493	2.889	2015	3.344	2.184	1
Richmond Utilities	12.00	6.800	57%	8.006	9.828	2015	10.500	6.900	-1
Stanford Water Comm.	2.00	1.200	60%	1.800	1.840	2016	2.325	1.137	6
Versailles	10.00	2.880	29%	2.400	4.200	2005	5.769	2.980	-3
Wilmore	2.00	0.594	30%	0.705	0.908	2015	1.040	0.594	0
Winchester Municipal	6.00	4.550	76%	4.966	5.205	1991	5.524	4.510	1
TOTAL (BGADD Utilities)	195.81	92.62	47%		- -			91.68	0.010

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	2.950	69%	3.750	4.030	-	-	2.991	34%
Shelbyville Commission	6.00	3.500	58%	4.530	4.980	2005	5.345	2.670	50%
Somerset	10.00	7.246	72%	10.14 ¹	9.920	-	-	7.636	105%
Mt. Vernon	4.00	2.200	55%	2.163	2.394	2015	3.614	1.440	65%
TOTAL (all utilities)	220.11	108.52	3.02					106.42	2.56

*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 2011-2017**

Water Utility Name	Existing Capacity (MGD)	2011 Avg. Daily Treated Water (MGD)	2012 Avg. Daily Treated (MGD)	2013 Avg. Daily Treated (MGD)	2014 Avg. Daily Treated (MGD)	2015 Avg. Daily Treated (MGD)	2016 Avg. Daily Treated (MGD)	2017 Avg. Daily Treated (MGD)	7 Year Daily Treated Water Avg. (MGD)	7 Year Avg. as % of Present Capacity
Beech Fork Comm.	1.94	1.083	1.140	1.140	1.110	1.131	1.096	1.200	1.08	55.8
Berea Municipal	6.00	2.913	2.940	2.940	2.878	2.918	2.810	2.797	2.91	48.6
Carlisle	1.37	0.471	0.590	0.590	0.581	0.590	0.515	0.475	0.47	34.4
Cynthiana	6.00	1.842	2.000	2.000	2.148	2.270	2.171	2.009	1.84	30.7
Danville	10.00	5.359	4.690	4.690	5.592	5.592	5.468	5.139	5.10	51.0
Frankfort Water Plant Board	18.00	8.151	7.870	8.479	8.023	8.060	8.264	8.073	8.15	45.3
Georgetown	4.00	2.330	2.140	2.400	2.550	2.510	2.530	2.627	2.33	58.3
Harrodsburg	4.00	2.388	2.780	2.900	3.060	2.734	2.734	3.113	2.39	59.7
Irvine Municipal	2.00	1.252	1.180	1.180	1.032	1.300	1.402	1.388	1.25	62.6
KAWC	84.00	40.890	39.434	36.570	38.428	38.900	38.900	40.200	40.89	48.7
Lancaster	2.10	1.296	1.500	1.500	1.190	1.570	1.570	1.400	1.30	61.7
Lawrenceburg	4.00	2.028	2.200	2.200	2.203	2.203	1.922	1.956	2.03	50.7
Nicholasville	9.00	4.171	4.300	4.300	3.875	3.994	3.994	3.853	4.17	46.3
Paris	3.00	1.934	1.810	1.810	1.885	2.097	2.184	2.200	1.93	64.5
Richmond Utilities	12.00	6.153	6.260	6.260	6.500	6.870	6.900	6.800	6.15	51.3
Stanford Water Comm.	2.00	1.063	1.050	1.050	1.096	1.050	1.137	1.200	1.06	53.2
Versailles	10.00	2.920	3.030	3.295	3.027	2.917	2.980	2.880	2.92	29.2
Wilmore	2.00	0.539	0.550	0.550	0.550	0.653	0.594	0.594	0.54	27.0
Winchester Municipal	6.00	4.200	4.300	3.950	4.200	4.370	4.510	4.550	4.20	70.0
SUB-TOTAL	187.41	2101.98	2101.76	87.80	89.93	91.73	91.68	2109.45	90.72	948.73

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

Mt. Sterling Commission	4.50	2.570	2.570	2.830	2.991	3.12	2.950	69.3	2.469	65.6
Shelbyville Commission	6.00	3.170	3.170	2.670	2.670	3.75	2.670	62.5	3.500	44.5
Somerset	10.00	7.980	7.980	7.636	7.636	8.40	7.246	84.0	7.750	72.5
Mt. Vernon	4.00	1.570	1.570	1.570	1.440	2.18	1.440	54.4	2.200	36.0
TOTAL	211.91	2117.27	2117.05	102.51	104.67	109.18	105.99	2379.70	106.64	1167.24

Total Annual Precipitation*	66	42	59	55	59	45	49.21
Precipitation percent above / below average for Lexington gauge**	47	-2	-14	10	14	0	5

*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 -inside	\$50	\$100 + T&M**	\$100 + T&M**
-outside	\$80	\$100 + T&M**	\$100 + 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	\$635 + 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	1059 + T&M**	1806 + T&M**	3112 + T&M**
Hustonsville	\$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	\$1,280	\$2,201	\$4,238
Kirksville WA	\$1,156	\$1,420	Actual Cost
Lake Village WA	\$450	Actual Cost	Actual Cost
Lancaster	\$600	Actual Cost	Actual Cost
Lawrenceburg	\$1,000	\$1,000	\$1,500

	3/4x5/8	1" Meter	2" Meter
Madison Co. Utilities WD	\$1,120	Actual Cost	Actual Cost
McKinney WD	\$1,050	Actual Cost	Actual Cost
Midway	\$850	\$1,000	\$1,000
Millersburg ¹	\$1,280	\$2,201	\$4,238
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 -inside	\$200	\$750 + T&M**	\$750 + T&M**
-outside	\$250	\$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

***New service connection fees include \$635 tap fee plus meter installation costs

¹Served by Kentucky American therefore follows KAWC tap fee schedule

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

Utility Name	Residential	Commercial	Industrial & Other	Wholesale	Total
Berea	3,604	492	12	2	4,108
Berry					Note 1
Burgin	464	30			494
Carlisle	915	78	105	2	1,098
Clay City	630	58	6		694
Crab Orchard	545	31			576
Cynthiana	2,249	217	80	1	2,546
Danville	9,961	933	16	5	10,910
Eubank	4,230	107		2	4,337
Frankfort	13,420	2,656	9	8	16,085
Georgetown	12,111	1,423	13		13,547
Harrodsburg	4,332	277	90	3	4,699
Hustonsville	1,895	15	1		1,911
Irvine	1,813	164	1	1	1,978
Junction City					Note 2
Lancaster	1,518	160	46	2	1,724
Lawrenceburg	5,826	340	12	1	6,178
Lexington-Fayette					Note 3
Midway	699	49			748
Millersburg					Note 3
Nicholasville	12,917	894	23	2	13,834
North Middletown	389	11		1	400
Paris	4,366	745		2	5,111
Perryville					Note 2
Ravenna					Note 4
Richmond	10,922	1,115	68	2	12,105
Sadieville					Note 5
Stamping Ground					Note 5
Stanford	3,179	239	5	2	3,423
Stanton	2,050	200			2,250
Versailles	5,868	733	7	2	6,608
Wilmore	1,944	84		1	2,028
Winchester	10,911	810	51	2	11,774

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**

Utility Name	Residential	Commercial	Industrial & Other	Wholesale	Total
Corinth Water District	1,115	356			1,471
East Casey Water District	4,610	61		1	4,672
East Clark County Water District	2,401	19			2,420
Elkhorn Water District	569	9			578
Estill County Water District No. 1	3,600	200		1	3,801
Farmdale Water District	2,535	115			2,650
Garrard County Water Association	5,503	138			5,641
Harrison County Water Association	5,642	129			5,771
Jackson County Water Association	4,353	219	11	4	4,587
Jessamine County Water District No. 1	1,575	554			2,129
Jessamine South Elkhorn Water District	2,947	74			3,021
Judy Water Association	1,949	9		1	1,959
Kirksville Water Association	1,794	66		1	1,861
Lake Village Water Association	2,420	33	1	1	2,455
Madison County Utility District	10,134	671	25		10,830
McKinney Water District	1,836	28			1,864
Nicholas County Water District	1,542	11		1	1,554
North Mercer Water District	4,236	80	50		4,366
North Shelby Water Company	4,890	39			4,929
Northeast Woodford Water District	995				995
Parksville Water District	1,570	9			1,579
Peaks Mill Water District	1,170	8			1,178
Powells Valley Water District	2,158	117		1	2,276
Reid Village Water District	1,102	39			1,141
Sharpsburg Water District	1,411	26	3		1,440
South Anderson Water District	2,827	64		1	2,892
Southern Madison Water District	4,922	98	3	1	5,024
South Woodford Water District	1,597	21			1,618
US 60 Water District	2,376	16			2,392
Western Fleming Water District	1,447	22	2	2	1,473
Western Rockcastle Water Association	4,214	22			4,236

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	1,507	315	421	1.63	1.22	W. Fleming WD
		19	25	2.34	1.75	Maysville Water
Burgin	495	81	108	0.91	0.68	Harrodsburg ¹
Clay City	694	182	243	2.73	2.04	Beech Fork WC
				3.50	2.62	Stanton WC*
Corinth WD	1,263	207	277	2.63	1.97	Williamstown
Crab Orchard	569	123	164	1.99	1.49	Lancaster
E. Casey Co. WD	4,672	0	0.00	2.50	1.87	Columbia/Adair Utilities
		48	64	1.97	1.47	Campbellsville
		658	880	2.55	1.91	Liberty
		131	175	2.98	2.23	Russell Springs
E. Clark Co. WD	2,460	348	465	2.30	1.72	Winchester Utilities
		0.3	0.6	2.45	1.83	KAWC
Elkhorn WD	578	171	229	2.55	1.91	Frankfort
Estill Co. WD	3,812	706	944	2.94	2.20	Irvine
		1	1	3.50	2.62	Jackson Co. WA
Eubank	4,338	856	1,144	2.50	1.87	Somerset
Farmdale WD	2,655	673	900	2.45	1.83	Frankfort
Garrard Co. WA	5,648	741	991	2.21	1.65	Lancaster
		209	279	2.41	1.80	Danville
		76	102	2.64	1.97	Berea
Georgetown MWSS	13,549	382	511	3.77	2.82	Frankfort
		12	16	4.91	3.67	KAWC
Harrison Co. WA	5,679	925	1,237	2.85	2.13	Cynthiana
		10	13	2.25	2.25	Paris
		30	40	4.57	3.42	KAWC (incl. Millersburg)
		58	78	2.25	1.68	Nicholas Co. WD
Hustonville	1,875	175	234	2.47	1.85	Danville
Jessamine Co. WD #1	2,500	621	830	3.52	2.63	Nicholasville
		115	154	4.60	3.44	KAWC
Jessamine South Elkhorn WD	3,021	630	842	4.33	3.24	KAWC
		0	0	4.29	3.21	Wilmore
		62	83	2.81	2.10	Nicholasville
Judy WA	1,959	312	417	3.02	2.26	Mt. Sterling
		105	140	5.01	3.75	North Middletown
Kirksville WA	1,860	286	382	3.33	2.49	Richmond
Lake Village WA	2,454	107	143	2.47	1.85	Harrodsburg ¹
		460	615	2.41	1.80	Danville
Madison County Utilities District	10,954	1,905	2,547	3.33	2.49	Richmond
McKinney WD	2,143	273	365	2.99	2.24	Stanford
		65	87	3.60	2.69	Eubank
Midway	229	7	9	4.21	3.15	KAWC

¹Harrodsburg charges a tiered fee schedule to wholesale customers. Charges listed in table reflect the average charge per 1,000g or 100 cf reported by the system during annual visits.

*occasional purchases only

Table 11 (continued)
CUSTOMER, WATER USAGE, AND PURCHASE PRICE DATA
Sewage Treatment Service from Others

UPDATED
11/9/2018

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	1,554	105	140	1.58	1.18	Carlisle
		260	348	1.63	1.22	W. Fleming WD
		1	1	2.02	1.51	Buffalo Trail WA
		0.7	0.9	2.25	1.68	KAWC - Millersburg
Nicholasville	14,225	136	182	4.90	3.67	KAWC**
North Mercer WD	4,366	804	1,075	2.30	1.72	Harrodsburg ¹
		88	118	3.55	2.66	South Anderson WD
North Middletown	400	179	239	4.33	3.16	KAWC**
North Shelby Water Co.	4,903	247	330	2.11	1.58	Shelbyville
		753	1,007	2.25	1.68	Louisville Water Co.
		172	230	2.55	1.91	Frankfort
				1.99	1.49	West Shelby WD
Northeast Woodford Co. WD	1,009	408	545	2.33	1.74	Versailles
		130	174	2.43	2.35	Frankfort
Parksville WD	1,606	296	396	2.68	2.00	Danville
Peaks Mill WD	1,178	206	275	2.55	1.91	Frankfort
		1	1	6.37	4.77	KAWC
Powells Valley WD	2,340	381	509	2.73	2.04	Beech Fork WC
Reid Village WD	1,141	198	265	3.02	2.26	Mt. Sterling
Sharpsburg WD	1,440	240	321	3.55	2.66	Bath Co. WD
		73	98	3.31	2.48	Carlisle
South Anderson WD	2,961	235	314	3.08	1.89	Lawrenceburg
		287	384	2.55	1.91	Frankfort
South Woodford WD	1,618	512	685	2.32	1.74	Versailles
Southern Madison WD	5,254	915	1,223	2.50	1.87	Berea
Stanton	2,250	493	659	2.73	2.04	Beech Fork WC
		0.49	0.66	3.5	2.62	Powells Valley WD
US 60 WD	2,230	476	636	2.55	1.91	Frankfort
Western Fleming WD	1,471	104	139	1.86	1.39	Greater Fleming WC
Western Rockcastle WA	4,236	656	877	2.93	2.19	Mt. Vernon
		16	21	2.93	2.19	Brodhead
		18	24	2.93	2.19	Southern Madison WD
Average	3,149	292	390	\$2.90	\$2.18	

*occasional purchases only

**adjusted to include KRA fee and likely meter charge

¹Harrodsburg charges a tiered fee schedule to wholesale customers. Charges listed in table reflect the average charge per 1,000g or 100 cf reported by the system during annual visits.

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
Mercer County SD	City of Danville	1.87
Harrison County SD	City of Cynthia	6.5

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	\$ 9.90	1500	\$ 12.76	3	-23	\$ 18.50	4	-22	\$ 24.23	4	-23	\$ 35.70	4	-22	\$ 173.30	4	-24	\$ 1,721.30	5	-24
Cynthiana	Sep-17	18.56	2000	18.56	13	12	24.35	11	2	30.14	11	-4	41.79	7	-9	180.68	6	-21	1,743.98	6	-23
Danville**	Jul-18	4.20	0	16.51	11	-1	22.66	10	-5	28.82	8	-8	41.12	6	-11	188.80	7	-17	1,882.66	7	-17
Frankfort	Jul-18	21.88	2000	21.88	15	32	32.82	16	38	43.76	16	40	65.64	16	43	328.20	16	44	3,282.00	16	45
Georgetown	Nov-07	7.82	2000	7.82	1	-53	13.40	1	-44	18.98	1	-39	30.14	1	-35	164.06	2	-28	1,670.66	3	-26
Harrodsburg	Sep-15	12.99	1875	13.88	5	-16	20.96	6	-12	28.03	6	-10	42.20	9	-8	203.41	8	-11	1,995.33	8	-12
Irvine	Jul-18	15.58	2000	15.58	10	-6	24.44	12	2	33.30	12	6	51.02	14	11	263.66	15	15	2,655.86	15	18
Lancaster	Jul-16	7.52	1000	15.04	8	-9	22.56	9	-5	30.08	10	-4	45.12	11	-2	225.60	11	-1	2,256.00	11	0
Lawrenceburg	Mar-18	16.86	2000	16.86	12	2	25.29	13	6	33.72	13	8	50.58	13	10	252.90	13	11	2,529.00	13	12
Lexington*	Jul-18	6.63	750	15.06	9	-9	21.77	8	-9	28.48	7	-9	41.89	8	-9	246.78	12	8	2,449.98	12	8
Nicholasville	Jul-09	4.25	0	13.37	4	-19	17.93	3	-25	22.49	3	-28	31.61	2	-31	143.90	1	-37	1,410.50	1	-38
Paris*	Jan-99	10.66	2000	10.66	2	-36	15.99	2	-33	21.32	2	-32	31.98	3	-31	174.82	5	-23	1,688.01	4	-25
Richmond*	Jul-17	26.51	2250	26.51	18	60	34.49	18	45	45.13	17	44	65.71	17	43	349.60	18	53	3,496.00	18	55
Stanford	Jun-16	14.32	2000	14.32	7	-14	19.71	5	-17	25.10	5	-20	35.88	5	-22	165.24	3	-28	1,620.54	2	-28
Stanton	Jul-18	22.95	2000	22.95	17	38	31.44	15	32	39.93	15	28	56.91	15	24	260.67	14	14	2,552.97	14	13
Versailles	Feb-18	13.22	1000	20.38	14	23	27.54	14	15	34.70	14	11	49.02	12	6	220.86	9	-3	2,038.56	9	-10
Wilmore	Jul-18	13.91	2000	13.91	6	-16	21.43	7	-10	28.95	9	-7	43.99	10	-4	224.47	10	-2	2,254.87	10	0
Winchester	Mar-18	8.57	750	22.85	16	38	34.28	17	44	45.71	18	46	68.56	18	49	342.80	17	50	3,428.00	17	52
Average		\$ 13.13		\$ 16.61			\$ 23.86			\$ 31.27			\$ 46.05			\$ 228.32			\$ 2,259.79		

*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)

		Cost Per Month For:																			
Effective Date for Rates	Min. Bill	Min. Quantity (gal.)	2,000 (gal.) (267 cf)			3,000 (gal.) (400 cf)			4,000 (gal.) (535 cf)			6,000 (gal.) (800 cf)			30,000 (gal.) (4,000 cf)			300,000 (gal.) (40,000 cf)			
			Rank	% Dev. from Mean	Rank	% Dev. from Mean	Rank	% Dev. from Mean	Rank	% Dev. from Mean	Rank	% Dev. from Mean	Rank	% Dev. from Mean	Rank	% Dev. from Mean	Rank	% Dev. from Mean			
Berea*	Sep-12	\$ 9.90	1500	\$ 12.76	2	-43	\$ 18.50	2	-42	\$ 24.23	2	-42	\$ 35.70	2	-42	\$ 173.30	2	-38	\$ 1,721.30	2	-31
Cynthiana*	Sep-17	18.56	2000	18.56	8	-39	24.35	7	-46	30.14	7	-50	41.79	4	-54	180.68	3	-60	1,743.98	3	-62
Danville*	Jul-18	4.20	0	16.51	6	-26	22.66	6	-29	28.82	4	-31	41.12	3	-33	188.80	4	-33	1,882.66	4	-25
Danville ¹	Jul-18	4.20	0	29.794	16	33	42.59	16	33	55.39	16	33	80.98	16	32	388.08	17	38	1,882.66	6	-25
Danville ²	Jul-18	4.20	0	38.75	18	73	56.03	18	76	73.30	18	76	107.85	18	76	522.44	19	86	1,882.66	4	-25
Frankfort*	Jul-18	21.88	2000	21.88	12	-3	32.82	12	3	43.76	13	5	65.64	14	7	328.20	14	17	3,282.00	16	31
Georgetown*	Nov-07	7.82	2000	7.82	1	-65	13.40	1	-58	18.98	1	-54	30.14	1	-51	164.06	1	-42	1,670.66	1	-33
Harrodsburg*	Sep-15	12.99	1870	13.88	3	-38	20.96	3	-34	28.03	3	-33	42.20	5	-31	203.41	5	-28	1,995.33	7	-20
Irvine	Jul-18	21.57	2000	21.57	10	-4	30.59	11	-4	39.61	11	-5	57.65	11	-6	274.13	11	-2	2,709.53	13	9
Lancaster	Jul-16	11.28	1000	22.56	13	1	33.84	13	6	45.12	14	8	67.68	15	11	338.40	15	20	3,384.00	17	36
Lawrenceburg*	Mar-18	16.86	2000	16.86	7	-25	25.29	8	-21	33.72	9	-19	50.58	9	-17	252.90	10	-10	2,529.00	12	1
Nicholasville**	Jul-09	6.35	0	20.03	9	-11	26.87	9	-16	33.71	8	-19	47.39	8	-22	215.85	6	-23	2,115.75	8	-15
Paris**	Jan-09	14.92	2000	14.92	5	-34	22.38	5	-30	29.84	6	-28	44.77	7	-27	244.75	8	-13	2,363.21	10	-5
Richmond**	Jul-18	53.03	2250	53.03	19	136	68.99	19	116	90.27	19	117	131.32	19	115	349.60	16	24	3,496.00	18	40
Stanford	Jun-16	21.70	2000	21.70	11	-3	29.92	10	-6	38.14	10	-8	54.58	10	-11	251.86	9	-10	2,471.26	11	-1
Stanton	Jul-18	24.50	2000	25.09	14	12	34.33	14	8	43.57	12	5	62.05	12	2	283.81	12	1	2,776.47	15	11
Versailles	Feb-18	16.84	1000	26.53	15	18	36.22	15	13	45.91	15	10	65.29	13	7	297.85	13	6	2,747.65	14	10
Wilmore*	Jul-18	13.91	2000	13.91	4	-38	21.43	4	-33	28.95	5	-31	43.99	6	-28	224.47	7	-20	2,254.87	9	-10
Winchester	Mar-18	11.34	750	30.24	17	35	45.36	17	42	60.48	17	45	90.72	17	48	453.60	18	62	4,536.00	19	82
Average		\$ 15.58		\$ 22.44			\$ 31.92			\$ 41.68			\$ 61.13			\$ 280.85			\$ 2,497.10		

*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)

		Cost Per Month For:																	
Effective Date for Rates		Min. Bill	Min. Quantity (gal.)	Min. Qty. (cf)	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					
Berry	Jan-12	\$ 27.00	2,000	267	\$ 21.00	4	-19	\$ 31.00	6	-13	\$ 41.00	6	-8	\$ 61.00	6	0	\$ 301.00	10	20
Carlisle	Jul-17	16.39	2,000	267	16.39	3	-36	20.76	3	-42	25.13	3	-44	33.72	3	-45	112.60	2	-55
Clay City	Jul-17	25.10	2,000	267	25.10	10	-3	38.15	9	7	51.20	10	15	77.30	13	27	390.50	13	55
Crab Orchard	Jul-18	18.00	1,000	133	24.00	8	-7	30.00	5	-16	36.00	4	-19	48.00	4	-21	192.00	5	-24
Jessamine S.E.	Jul-18	24.38	2,000	267	24.38	9	-5	48.13	13	35	60.32	13	35	72.51	11	19	365.70	12	45
Lincoln Co. SD	Oct-14	25.00	0	0	38.00	12	47	44.50	11	25	51.00	9	14	64.00	8	5	220.00	6	-13
Mercer County SD	Aug-14	40.00	2,000	267	40.00	13	55	46.50	12	31	53.00	11	19	66.00	9	8	222.00	7	-12
Midway	Feb-13	14.60	1,000	133	21.90	5	-15	29.20	4	-18	36.50	5	-18	51.10	5	-16	226.30	8	-10
Millersburg**	Oct-16	11.60	1000	133	23.20	6	-10	34.80	8	-2	46.40	8	4	69.60	10	14	348.00	11	38
N.Madison Co.SD*	Jan-18	41.75	2,100	280	41.75	14	62	50.67	14	42	60.57	14	36	74.35	12	22	74.35	1	-70
N.Middletown	Jul-17	23.99	2,000	267	23.99	7	-7	34.11	7	-4	44.23	7	-1	63.12	7	3	243.80	9	-3
Powells Valley SD	Oct-17	27.57	2,000	267	27.57	11	7	41.35	10	16	55.13	12	24	82.69	14	35	413.41	14	64
Sadieville***	Nov-07	7.82	2,000	267	7.82	1	-70	13.40	1	-62	18.98	1	-57	30.14	1	-51	164.06	3	-35
Stamping Ground***	Nov-07	7.82	2,000	267	7.82	1	-70	13.40	1	-62	18.98	1	-57	30.14	1	-51	164.06	3	-35
Average		\$ 23.32			\$ 25.78			\$ 35.58			\$ 44.57			\$ 61.04			\$ 251.82		

*residential sewer bill capped at \$71.75/month assuming one house on one water meter

**Now owned and operated by KAWC

***Now served by GMWSS. Their fee schedule follows that of GMWSS customers.

Note: Eubank has no wastewater system.

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)			3,000 (gal.) (400 cf)			4,000 (gal.) (535 cf)			6,000 (gal.) (800 cf)			30,000 (gal.) (4000 cf)		
					Rank	% Dev. From Mean	% Dev. From Mean	Rank	% Dev. From Mean	Rank	% Dev. From Mean	Rank	% Dev. From Mean	Rank	% Dev. From Mean				
Berry*	Jan-12	\$ 21.00	2,000	267	\$ 21.00	3	-26	\$ 31.00	5	-21	\$ 41.00	5	-16	\$ 61.00	5	-8	\$ 301.00	9	12
Carlisle	Jul-17	21.32	2,000	267	21.32	4	-25	26.99	3	-31	32.66	3	-33	43.81	3	-34	146.13	2	2
Clay City	Jul-17	28.00	2,000	267	28.00	10	-2	42.56	9	9	57.12	11	17	86.24	13	30	435.68	13	62
Crab Orchard*	Jul-18	18.00	1,000	133	24.00	7	-16	30.00	4	-23	36.00	4	-26	48.00	4	-28	192.00	5	-29
Jessamine S.E.*	Jul-18	24.38	2,000	267	24.38	8	-14	48.13	12	23	60.32	12	23	72.51	10	9	365.70	11	36
Lincoln Co. SD	Oct-14	25.00	0	0	38.00	11	33	44.50	10	14	51.00	8	4	64.00	7	-4	220.00	6	-18
Mercer County SD	Aug-14	40.00	2,000	267	40.00	12	40	46.50	11	19	53.00	9	8	66.00	8	-1	222.00	7	-18
Millersburg**	Oct-19	11.60	1000	133	23.20	5	-19	34.80	7	-11	46.40	7	-5	69.60	9	5	348.00	10	29
N.Madison Co.SD*	Jan-18	41.75	2,100	280	41.75	13	47	50.67	13	29	60.57	13	24	74.35	11	12	74.35	1	-72
N. Middletown	Jul-17	23.99	2,000	267	23.99	6	-16	34.11	6	-13	44.23	6	-9	63.12	6	-5	243.80	8	-9
Powells Valley SD*	Oct-17	27.57	2,000	267	27.57	9	-3	41.35	8	6	55.13	10	13	82.69	12	24	413.41	12	54
Sadieville***	Nov-07	7.82	2,000	267	7.82	1	-73	13.40	1	-66	18.98	1	-61	30.14	1	-55	164.06	3	-39
Stamping Ground***	Nov-07	7.82	2,000	267	7.82	1	-73	13.40	1	-66	18.98	1	-61	30.14	1	-55	164.06	3	-39
Average		\$ 25.69			\$ 28.47			\$ 39.15			\$ 48.86			\$ 66.48			\$ 269.28		

*same as city rates

**Now owned and operated by KAWC

***Now served by GMWSS. Their fee schedule follows that of GMWSS customers.

Note: Eubank has no wastewater system.

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 / \$3013	\$4,655
Georgetown	\$1,500 per ERU ¹	
Harrison County SD***		
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
Lincoln County SD		
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	\$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, \$1,186.78 for 1/4 acre lot or smaller; \$2,203.80 for 1/4 acre to 1/2 acre; \$3223.64 for 1/2 acre to 3/4 acre; \$4,410.42 for 3/4 acre to 1 acre; \$5,597.19 for a lot larger than 1 acre. (As of 7/1/2018)

*Minimum 4" Tap - \$965

**System purchased and operated by KAWC

***Minimum 1 1/2" tap \$225, 2" tap \$350

Table 17
PUBLICLY-OWNED WASTEWATER TREATMENT PLANT FLOWS IN THE BLUEGRASS AREA 2011 - 2017

Wastewater Treatment Facility	Treatment Plant Rated on MGD								Percent Change
		2011	2012	2013	2014	2015	2016	2017	2017/2016
Berea	4.32	2.910	2.950	2.950	3.100	3.400	2.920	3.289	11
Carlisle	0.37	0.471	0.280	0.280	0.275	0.280	0.237	0.147	-61
Crab Orchard	0.11	0.146	0.050	0.050	0.050	0.105	0.126	0.075	-68
Cynthiana	6.00	1.843	0.870	0.900	0.910	1.080	0.747	0.773	3
Danville	6.50	5.359	4.590	4.450	5.112	5.214	5.260	5.263	0
Danville - Perryville	0.10	N/A	N/A	N/A	N/A	N/A	0.175	0.118	-48
Frankfort	9.90	8.151	7.080	7.810	7.340	8.560	7.846	8.14	4
Georgetown No. 1	4.50	3.460	2.650	3.290	3.240	3.560	2.960	3.022	2
Georgetown No. 2	2.20	0.910	0.920	1.038	1.040	1.040	1.340	1.41	5
Harrodsburg	2.68	1.490	1.330	1.330	1.510	2.000	1.890	2.012	6
Irvine*	0.60	0.620	0.520	0.520	0.656	0.620	0.657	0.695	5
Lancaster	1.00	0.530	0.540	0.510	0.510	0.473	0.300	0.35	14
Lawrenceburg	3.30	2.530	1.500	1.500	2.140	2.140	1.680	1.738	3
Lexington Town Branch	30.00	23.040	16.350	21.270	23.100	19.758	18.390	18.39	0
Lexington West Hickman	33.87	23.980	15.430	21.650	20.390	20.390	17.470	15.22	-15
Midway	0.75	0.280	0.200	0.270	0.270	N/A	0.110	0.156	29
Millersburg - KAWC	0.20	0.100	0.130	0.089	0.115	N/A	N/A	0.065	N/A
Nicholasville	4.10	4.490	3.410	3.410	3.657	3.996	3.621	3.244	-12
North Middletown	0.085	0.090	0.060	0.055	0.049	0.050	0.100	0.04	-150
Northern Madison County S.D.(Exec.Park)	0.03	N/A	N/A	0.013	0.021	0.012	0.012	0.011	-9
Northern Madison County S.D.	1.00	0.200	0.210	0.210	0.176	0.181	0.144	0.165	13
Northern Madison County S.D. (Battlefield Est.)	0.11	N/A	N/A	N/A	N/A	N/A	0.074	0.064	-16
Northern Madison County S.D. (Muddy Creek)	0.20	N/A	N/A	N/A	N/A	N/A	0.061	0.064	5
Paris***	2.70	1.450	1.320	1.320	1.484	1.519	1.742	1.14	-53
Powells Valley Water District - Nada / Slade	0.08	0.030	0.010	0.190	0.026	0.028	0.400	0.028	-1329
Red Rvier Wastewater Authority	1.40	N/A	N/A	0.530	0.753	0.064	0.747	0.761	2
Richmond Silver Creek	1.00	0.290	0.250	0.250	0.200	0.367	0.292	0.32	9
Richmond Otter Creek	8.00	N/A	4.440	4.440	4.400	5.180	4.670	4.4	-6
Stamping Ground (GMWSS #3)	0.14	N/A	0.090	0.054	0.054	0.062	0.063	0.058	-9
Stanford	1.20	0.920	0.840	1.144	1.144	1.144	1.256	0.902	-39
Versailles	3.00	1.880	1.990	2.570	2.590	2.595	2.135	2.376	10
Wilmore	1.00	0.650	0.470	0.470	0.520	0.683	0.594	5.8	90
Winchester - Lower Howards Creek	2.00	N/A	N/A	0.852	0.610	0.930	0.930	0.9	-3
Winchester - Strodes Creek	7.20	4.597	3.657	4.377	3.260	3.930	4.110	3.74	-10
Average	3.88	#REF!	2.51	2.00	2.44	2.46	2.48	2.31	-44.87

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

***Plant's effluent flow meter was off in calibration and was corrected later in the year so actual flow is lower than the estimated 1.4-1.5MGD it should've been reporting.

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

Utility Name	Residential	Commercial	Industrial & Other	KISOP	Total
Berea	5,374	520			5,894
Berry	99	2	4		105
Burgin					Note 1
Carlisle	903	74	85		1,062
Clay City	545				545
Crab Orchard	282	31			313
Cynthiana	2,136	239	38		2,413
Danville	7,689	887	18	2	8,596
Eubank					Note 1
Frankfort	12,054	1,936	13		14,003
Georgetown	11,927	1,412	11		13,350
Harrodsburg	3,900	260	44	1	4,205
Hustonville					Note 1
Irvine	1,723	209	4		1,936
Junction City					Note 2
Lancaster	1,449	156	38		1,643
Lawrenceburg	5,716	205	5		5,926
Lexington-Fayette	106,033	8,417	543	1	114,994
Midway	699	49			748
KAWC - Millersburg*	298	19			317
Nicholasville	10,296	819	25		11,140
North Middletown	237	11			248
Paris	4,182				4,182
Perryville					Note 3
Ravenna					Note 2
Richmond	10,586	1,152	41		11,779
Sadieville					Note 4
Stamping Ground					Note 4
Stanford	1,774	196	1		1,971
Stanton	967	188			1,155
Versailles	5,300	700			6,000
Wilmore	1,595	46	27		1,668
Winchester	10,556	794	54		11,404

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	Industrial & Other	Total
Farmdale SD	1000		1000
Harrison Co. SD	114	1	115
Jessamine S. Elkhorn WW	612	95	707
Lincoln Co. SD	535	50	585
Mercer Co. SD	446	11	457
Nicholas Co. SD #2	99		99
Northern Madison Co. SD	1822	59	1881
Powells Valley Sewer Div.	59	46	105

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

COUNTY	WATER	WASTEWATER
Anderson		
Lawrenceburg	6,715	5,926
S. Anderson WD	2,950	0
US 60 W D	63	0
N. Mercer WD	34	0
Farmdale WD	21	0
Frankfort PB	1	0
Total	9,784	5,926
Bourbon		
Paris	5,111	4,182
KAWC	1,254	0
KAWC - Millersburg	380	317
North Middletown	400	281
Harrison Co. WA	800	0
Judy W A	732	0
Total	8,677	4,780
Boyle		
Danville	10,910	8,242
Danville (Perryville)	0	352
Parksville WD	1,555	0
Lake Village WA	367	0
Hustonville	20	0
N. Mercer WD	21	0
Total	12,873	8,594
Clark		
Winchester Municipal Utilities	11,670	11,404
E. Clark WD	2,460	0
KAWC	1,458	0
Judy W A	177	0
Reid Village WD	48	0
Total	15,813	11,404
Estill		
Estill Co. W D # 1	3,800	0
Irvine Municipal Utilities	2,552	2,527
Powell's Valley WD	124	0
Jackson County WA	18	0
Total	6,494	2,527

COUNTY	WATER	WASTEWATER
Fayette		
KAWC	114,885	0
Lexington (Town Branch + West Hickman)	0	114,727
Nicholasville	391	0
NE Woodford WD	21	0
Georgetown MWSS	3	0
Jessamine South Elkhorn	2	0
Total	115,302	114,727
Franklin		
Frankfort Water Plant Board	16,460	0
Frankfort Sewer Department	0	13,999
Farmdale WD	2,631	0
Peaks Mill WD	1,116	0
Elkhorn WD	578	0
US 60 WD	436	0
Georgetown MWSS	1	0
Farmdale SD	0	1,000
Total	21,222	14,999
Garrard		
Lancaster	1,782	1,643
Garrard Co. WA	5,435	0
Crab Orchard	89	0
W. Rockcastle WA	22	0
Garrard Co. SD*	0	0
Total	7,328	1,643
Harrison		
Cynthiana	2,700	2,700
Berry	0	105
Harrison Co. WA	4,730	0
KAWC	104	0
Corinth WD	58	0
Buffalo Trail WA	28	0
E. Pendleton WD	6	0
Harrison Co. SD	0	115
Total	7,626	2,920

*Sanitation District not yet operational

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

COUNTY	WATER	WASTEWATER
Jessamine		
Nicholasville	13,834	11,140
Wilmore	2,020	1,687
Jessamine-S. Elkhorn W D	3,009	707
Jessamine WD No. 1	2,500	0
KAWC	1	0
Lexington (West Hickman)	0	140
Total	21,364	13,674
Lincoln		
Stanford	3,250	1,971
Crab Orchard	480	314
Hustonville	1,855	0
Eubank	1,939	0
McKinney WD	2,133	0
W. Rockcastle WA	618	0
Garrard Co. WA	162	0
Parksville WD	3	0
Southeastern WA	14	0
Lincoln Co. SD	0	549
Total	10,454	2,834
Madison		
Richmond Utilities	12,105	13,100
Berea	4,108	5,894
Madison Co. Utilities	10,954	0
S. Madison WD	5,254	0
Kirksville WA	1,860	0
Garrard Co. W A	51	0
N. Madison Co. SD	0	1,817
W. Rockcastle WA	115	0
Total	34,447	20,811
Mercer		
Harrodsburg	4,734	4,229
Burgin	495	0
N. Mercer WD	4,014	0
Lake Village WA	2,115	0
S. Anderson WD	6	0
Mercer County SD	0	482
Total	11,364	4,711

COUNTY	WATER	WASTEWATER
Nicholas		
Carlisle	1,098	1,058
KAWC - Millersburg	1	0
Nicholas Co. WD	1,554	0
Buffalo Trail	14	0
Sharpsburg WD	585	0
Harrison Co. WA	43	0
Nicholas Co SD #2	0	103
Total	3,295	1,161
Powell		
Stanton	2,250	1,161
Clay City	694	463
Red River Wastewater Authority**	0	2
Powell's Valley WD	2,213	107
Campton	30	0
Beech Fork WC	3	0
Total	5,190	1,733
Scott		
Georgetown MWSS	13,500	13,347
Harrison Co. WA	90	0
KAWC	6,229	0
Corinth WD	3	0
Total	19,822	13,347
Woodford		
Versailles	6,610	6,000
Midway	748	753
S. Woodford WD	1,618	0
N.E. Woodford WD	988	0
Frankfort Water Plant Board	495	0
KAWC	231	0
Georgetown MWSS	28	0
Jessamine-S. Elkhorn WD	10	0
Frankfort Sewer Department	0	4
Total	10,728	6,757

*Sanitation District not yet operational

**Only treats waste from Clay City and Stanton

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

COUNTY	WATER	WASTEWATER
Casey		
McKinney Water District	12	0
Parksville Water District	48	0
Gallatin		
KAWC	180	0
Grant		
KAWC	66	0
Lee		
Estill Co. WD No. 1	12	0
Madison		
Garrard County WA	51	0
Montgomery		
Powell's Valley WD	3	0

COUNTY	WATER	WASTEWATER
Owen		
Peaks Mills WD	62	0
Georgetown MWSS	17	0
KAWC	3,765	0
Pendleton		
Harrison County WA	16	0
Shelby		
Farmdale WD	3	0
Washington		
South Anderson WD	5	0
North Mercer WD	297	0

**Table 21
WATER-UNSERVED HOUSEHOLDS***

	<u>Household Population by County*</u>	<u>Estimate of Watered Households*</u>	<u>Estimate of Unwatered Households</u>	<u>Percent Unwatered</u>
Anderson	10,147	9,985	162	1.60%
Bourbon	9,253	9,244	9	0.10%
Boyle	13,055	13,005	50	0.38%
Clark	14,267	14,041	226	1.58%
Estill**	6,537	6,492	45	0.69%
Fayette**	140,976	137,592	3,384	2.40%
Franklin	23,798	23,784	14	0.06%
Garrard	8,425	8,120	305	3.62%
Harrison	8,414	8,296	118	1.40%
Jessamine	20,798	20,784	14	0.07%
Lincoln	13,202	12,877	325	2.46%
Madison	20,095	19,746	349	1.74%
Mercer	10,930	10,838	92	0.84%
Nicholas	3,468	3,416	52	1.50%
Powell	6,583	6,367	216	3.28%
Scott	21,953	21,595	358	1.63%
Woodford	11,936	11,746	190	1.59%
	<u>343,837</u>	<u>337,928</u>	<u>5,909</u>	<u>1.72%</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.

*Number of households compiled from structures provided by 911 data reconciled with mapping on available utility data.

**Best estimate based on available data from American Community Survey and utility data

**Table 22
WASTEWATER-UNSERVED HOUSEHOLDS***

	<u>Household Population by County*</u>	<u>Estimate of Sewered Population**</u>	<u>Estimate of Unsewered Population</u>	<u>Percent Unsewered</u>
Anderson	10,147	6,638	3,509	34.58%
Bourbon	9,253	5,781	3,472	37.52%
Boyle	13,055	9,292	3,763	28.82%
Clark	14,267	10,061	4,206	29.48%
Estill**	6,537	2,280	4,257	65.12%
Fayette**	140,976	131,252	9,724	6.90%
Franklin	23,798	17,612	6,186	25.99%
Garrard	8,425	1,990	6,435	76.38%
Harrison	8,414	2,940	5,474	65.06%
Jessamine	20,720	15,357	5,363	25.88%
Lincoln	13,202	4,230	8,972	67.96%
Madison	20,095	7,377	12,718	63.29%
Mercer	10,930	4,884	6,046	55.32%
Nicholas	3,468	1,311	2,157	62.20%
Powell	6,583	2,321	4,262	64.74%
Scott	21,953	16,030	5,923	26.98%
Woodford	11,936	8,061	3,875	32.46%
	<u>343,759</u>	<u>247,417</u>	<u>96,342</u>	<u>28.03%</u>

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

The conclusion is that approximately 72.0 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 28.0 percent resides in homes that rely upon on-site or other means of wastewater disposal.

*Number of households compiled from structures provided by 911 data reconciled with mapping on available utility data.

**Best estimate based on available data from American Community Survey and utility data

Table 23
BLUEGRASS AREA CITIES
Population
2010-2017*

NAME	2010 CENSUS	2017 ESTIMATE	DIFFERENCE	% CHANGE	ADD RANK
Berea	13,561	15,597	2,036	15.0%	5
Berry	264	261	-3	-1.1%	26
Burgin	965	967	2	0.2%	24
Carlisle	2,010	1,963	-47	-2.3%	28
Clay City	1,077	1,102	25	2.3%	18
Crab Orchard	841	824	-17	-2.0%	27
Cynthiana	6,402	6,370	-32	-0.5%	25
Danville	16,218	16,735	517	3.2%	16
Eubank	358	332	-26	-7.3%	31
Frankfort	25,527	27,621	2,094	8.2%	13
Georgetown	29,098	33,660	4,562	15.7%	3
Harrodsburg	8,340	8,394	54	0.6%	20
Hustonsville	405	367	-38	-9.4%	32
Irvine	2,715	2,348	-367	-13.5%	33
Junction City	2,241	2,294	53	2.4%	17
Lancaster	3,442	3,860	418	12.1%	8
Lawrenceburg	10,505	11,318	813	7.7%	14
Lexington-Fayette Urban Co.	295,803	321,959	26,156	8.8%	11
Midway	1,641	1,811	170	10.4%	9
Millersburg	779	782	3	0.4%	22
Nicholasville	28,015	30,553	2,538	9.1%	10
North Middletown	643	645	2	0.3%	23
Paris	8,553	9,808	1,255	14.7%	6
Perryville	751	762	11	1.5%	19
Ravenna	605	575	-30	-5.0%	30
Richmond	31,364	35,397	4,033	12.9%	7
Sadieville	303	349	46	15.2%	4
Stamping Ground	643	766	123	19.1%	2
Stanford	3,487	3,628	141	4.0%	15
Stanton	2,733	2,654	-79	-2.9%	29
Versailles	8,568	9,292	724	8.5%	12
Wilmore	3,686	6,343	2,657	72.1%	1
Winchester	18,368	18,486	118	0.6%	21
ADD TOTALS	529,911	577,823	47,912	9.0%	

Data Source: U. S. Census Bureau

*Reflects 2017 Census estimates sourced from the Kentucky State Data Center

Table 24
BLUEGRASS AREA COUNTIES
Population
2010-2017*

	2010 CENSUS	2017 ESTIMATE	% CHANGE	ADD RANK
Kentucky	4,042,288	4,454,189	10.2%	
COUNTY				
Anderson	21,421	22,544	5.2%	6
Bourbon	19,985	20,029	0.2%	12
Boyle	28,432	29,924	5.2%	5
Clark	35,613	36,046	1.2%	10
Estill	14,672	14,277	-2.7%	17
Fayette	295,803	321,959	8.8%	4
Franklin	49,285	50,485	2.4%	9
Garrard	16,912	17,523	3.6%	8
Harrison	18,846	18,781	-0.3%	14
Jessamine	48,586	53,375	9.9%	3
Lincoln	24,742	24,456	-1.2%	15
Madison	82,916	91,226	10.0%	2
Mercer	21,331	21,521	0.9%	11
Nicholas	7,135	7,130	-0.1%	13
Powell	12,613	12,374	-1.9%	16
Scott	47,173	54,416	15.4%	1
Woodford	24,939	26,091	4.6%	7
ADD TOTAL	770,404	822,157	6.7%	

Source: US Census Bureau
 *Reflects 2017 Census estimates
 sourced from the Kentucky State Data Center

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
Boyle County - Junction City	County	No charge - residents drop off themselves at convenience centers	N/A	Through County	N/A	Everything; co-mingled	No charge - residents drop off themselves at convenience centers	Once a week	N/A
Carlisle	City of Carlisle	\$15.82/mo inside city limits; \$18.53/month outside city limits; Herbie rentals \$10/month for all customers with more than 2 Herbies	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	No charge however the cost to exchange a garbage cart will be \$50	N/A	Yes	Once a week	Everything except glass; singel stream	No charge	Once a week	Curbside
Georgetown	Scott County Recycling Center	\$15.00/mo; \$8/mo for Sr. Citizens ; extra \$5/month per Herbie, max 3 Herbies per dwelling	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	\$18.00/mo (Garbage Only)	Added to water bill	Provided by county	Drop off centers are available for citizens	No glass	No charge	Everyday for Main Street; Businesses every other day; once a week everywhere else	Curbside and Behind the House (Garbage only) Recycling is self-serve at drop off locations.
FAYETTE/ Lexington**1	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 17.33 cents/\$100 of property value is charged for services; An additional \$4.50/month per roll cart per house hold (AKA "Landfill User Fee"); There is a one-time charge of \$60 for additional bins; 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 LexServe 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	Recycling is included with LFUCG services. There is a one-time \$60 container fee and \$3.60 sales tax for each additional blue cart. Businesses are allotted two carts.	Once a week	Curbside; Behind the House available with medical waiver; Yard Waste curbside only
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	\$32.81/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.									
*Rate not set at time of printing.									

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

				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
Anderson County (Lawrenceburg)	Republic Services	\$35/quarterly; 10% discount to Seniors	Resident billed directly	Yes	Biweekly	Everything co-mingled	No charge.	Once a week	Curbside, containers provided
Berea	Poff Carting	\$9.30/week, additional \$2/96 gallon cart/month, 18 gallon carts provided free of charge	Franchise bills resident	Yes	Once a week with trash pick-up	Everything; co-mingled	No charge	Once a week	Curbside
Berry	Rumpke	\$16.00/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
Danville	Republic Services	\$8.61/mo \$23.32/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	\$3.05/mo added to bill of all customers	Once a week	Curbside

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				Service Descriptions	
				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
Harrodsburg	Republic Services	\$14.81/month for basic service	On water bill	\$6.76 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 available for additional fee
Midway	Rumpke	\$14.95/mo residential; \$35.00/mo business with twice weekly pick-ups	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	Rumpke	\$14.50/mo residential	Residents receive solid waste bill	Residents may drop off at City Hall	N/A	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	\$14.00/mo basic curbside; \$10.50 Senior rate; \$3.75 for bin rental	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
Perryville	Republic Services	\$10.95/month	Fee on water bill every month	no curbside recycling	Residents may bring recycling to convenience centers operated by Boyle County.	Everything; co-mingled except glass which must be packaged in a taped box and marked	No Charge	Once a week	Curbside
Ravenna	Rumpke	\$16.48/mo - residential only; \$2.50/month/cart rental	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	\$9.71/mo for 1 cart; \$4.86/additional carts, 3 cart maximum; plus \$1.10 monthly fee for bulk	Advance Disposal bills resident directly	Free recycling offered to city residents	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

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

				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
Sadieville	Rumpke	\$11.60/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	\$11.48/mo; \$21.48/mo for behind the house pick up	On water bill	Service provided by Garrard/Lincoln Solid Waste	Once a week	Everything co-mingled; no electronics	No Charge	Once a week	Curbside; Behind the house for disability and elderly
Stanton	Rumpke	\$12.00/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	\$17.14/mo	Billed on water bill	Curbside available for those who have a red Rumpke Recycling bin	must be dropped off by residents at county recycling center	Everything; co-mingled	No Charge	Once a week	Curbside
Versailles	Central Kentucky Hauling	\$10.10 if customer provides their own container; \$3.25/mo for container rental; Rate is multiplied by number of pickups/week for more than once a week pick-up	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

INTENTIONALLY LEFT BLANK

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

UPDATED
2/25/2019

<u>COUNTY</u>	<u>Percent LMI</u> <u>Year 2010</u>	<u>Percent LMI</u> <u>Year 2015</u>	<u>CITY</u>	<u>Percent LMI</u> <u>Year 2010</u>	<u>Percent LMI</u> <u>Year 2015</u>
Anderson	35.17	36.34	Berea	53.4	51.16
Bourbon	49.00	46.37	Berry	n/c	28.57
Boyle	n/c	39.51	Burgin	n/c	54.84
Clark	43.80	44.04	Carlisle	n/c	54.73
Estill	n/c	47.86	Clay City	57.3	68.87
Franklin	n/c	39.09	Crab Orchard	47.7	58
Garrard	n/c	39.07	Cynthiana	n/c	49.17
Harrison	n/c	39.84	Danville	n/c	42.42
Jessamine	44.80	43.97	Eubank	n/c	58.73
Lincoln	n/c	44.00	Frankfort	n/c	46.36
Madison	n/c	44.13	Georgetown	40.3	36.05
Mercer	n/c	40.16	Harrodsburg	n/c	52.43
Nicholas	n/c	43.01	Hustonsville	n/c	29.17
Powell	n/c	46.46	Irvine	n/c	49.89
Scott	36.00	32.76	Junction City	n/c	47.38
Woodford	32.80	35.03	Lancaster	n/c	58.76
			Lawrenceburg	n/c	41.22
			Lexington-Fayette		44.90
			Midway	29.1	35.28
			Millersburg	63.2	50.00
			Nicholasville	47.8	51.08
			North Middletown	59.6	44.57
			Paris	54.4	52.29
			Perryville	n/c	48.79
			Ravenna	n/c	45.26
			Richmond	n/c	59.43
			Sadieville	44.0	52.54
			Stamping Ground	48.6	52.44
			Stanford	n/c	55.64
			Stanton	n/c	45.88
			Versailles	49.2	50.76
			Wilmore	54.0	48.64
			Winchester	55.6	53.50

n/c=no change

Source: U. S. Census Bureau and Department for Local Government

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
Junction City
Millersburg
North Middletown
Perryville
Ravenna

Sixth Class Cities

Berry
Crab Orchard
Eubank
Stamping Ground
Sadieville

Table 28
CURRENT LOCAL TAX RATES

ANDERSON COUNTY
FY 2019 (7/1/18 - 6/30/19)

	<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	12.90	1.29	13.60	
Health District Tax	3.00	3.00	3.00	
Library District Tax	8.20	8.20	2.70	
Extension Service	13.78	13.78	17.00	
County Schools	64.60	64.60	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	100.00	100.00	22.90	
 <u>CITY TAXES</u>				
(Lawrenceburg)				
City Property Taxes	19.50	23.55	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 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.

Table 28 (continued)
CURRENT LOCAL TAX RATES

BOURBON COUNTY
FY 2019 (7/1/18 - 6/30/19)

	<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	12.40	12.40	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	2.94	3.97	1.80	
 <u>COUNTY, SPECIAL DISTRICT,</u> <u>& SCHOOL TAXES</u> <u>(NOT COUNTYWIDE)</u>				
County Schools	60.00	60.00	54.70	
Paris Indep. Schools	74.40	74.40	55.30	
Paris Indep. Schools - Utilities Tax				3.0%
 <u>CITY TAXES</u>				
<u>(Paris)***</u>				
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%
 <u>(Millersburg)***</u>				
City Property Taxes	61.20	61.20	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%
 <u>(North Middletown)</u>				
City Property Taxes	26.10	31.50	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 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.

***Rates not set at time of printing

Table 28 (continued) CURRENT LOCAL TAX RATES

BOYLE COUNTY FY 2019 (7/1/18 - 6/30/19)

	<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	8.78	7.01	
County Payroll/Net Profit Tax				0.75%
Health District Tax	2.70	2.70	2.70	
Library District Tax	7.40	8.62	8.62	
Extension District Tax	4.23	9.22	Non-taxable	
Hotel/Motel Room Tax				3.0%
Soil Conservation District Tax	1.00	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	71.80	71.80	53.90	
Danville Independent Schools	64.60	95.50	66.90	
<u>CITY TAXES</u>				
(Danville)				
City Property Taxes	14.30	18.40	20.00	
City Payroll Tax				1.90%
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	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	33.80	39.37	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 \$2.00 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 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.

***Rates not set at time of printing

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

**CLARK COUNTY
FY 2019 (7/1/18 - 6/30/19)**

	<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	9.10	11.67	10.50	
Health District Tax	4.60	4.60	4.60	
Library District Tax	6.70	9.59	4.90	
Extension District Tax	3.22	4.77	1.75	
Hotel/Motel Room Tax	2.7			3.0%
County Schools	62.20	62.20	53.50	
 <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 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.

***Rates not set at time of printing

Table 28 (continued)
CURRENT LOCAL TAX RATES

ESTILL COUNTY
FY 2019 (7/1/18 - 6/30/19)

	<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	8.90	10.50	10.50	
County Payroll/Net Profits Tax				1.25%
Health District Tax	8.00	8.00	8.00	
Library District Tax	13.30	14.77	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	51.30	51.80	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	46.50	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 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.

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

FAYETTE COUNTY*
FY 2019 (7/1/18 - 6/30/19)**

	<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	0.35	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	0.06	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	75.00	75.00	59.20	
Schools - Payroll/Net Profits Tax				0.5%
Schools - Utilities Tax				3.0%
<u>NON-COUNTYWIDE PROPERTY TAXES (Special Services Dists.)</u>				
Refuse	14.26	NonTaxable	NonTaxable	
Street Cleaning	0.97	NonTaxable	NonTaxable	
Street Lights	2.10	NonTaxable	NonTaxable	

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

*Real & tangible rates are those for property owned as of 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.

***Rates not set at time of printing.

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

**FRANKLIN COUNTY
FY 2019 (7/1/18 - 6/30/19)**

	<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	18.7	22	17	
Library District Tax	8.4	10.82	4.9	
Health District Tax	7.25	7.25	7.25	
Extension District Tax	1.41	2.56	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</u>				
<u>NOT COUNTYWIDE</u>				
County Insurance Premium Tax				6.0%
County Payroll/Net Profits Tax				1.0%
County Schools	71.50	71.50	51.00	
County Schools - Utilities Tax				3.0%
Frankfort Independent Schools	96.50	91.80	47.40	
Frankfort Schools - Utilities Tax				3.0%
Occupational Licenses				\$50
<u>CITY TAXES</u>				
(Frankfort)				
City Property Taxes	19.50	19.50	22.70	
City Payroll/Net Profits Tax				1.75%
City Insurance Premium Tax				15.0%

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

*Real & tangible rates are those for property owned as of 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.

***Rates not set at time of printing

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

**GARRARD COUNTY
FY 2019 (7/1/18 - 6/30/19)**

	<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	6.70	18.35	18.35	
Extension District Tax	4.10	10.73	10.73	
County Schools	67.50	67.50	67.50	
County Schools - Utilities Tax				3.0%
Soil Conservation	0.83			
<u>COUNTY & SPECIAL DISTRICT TAXES (NOT COUNTYWIDE)</u>				
Fire Prot.Dist. #1 (Lancaster sta.)	9.50	9.50	9.50	
Fire Prot.Dist. #2 (North Garrard)	7.00	7.00	7.00	
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	26.00	
City Occupational Licenses				varying rates
City Electric Franchise Fee				3.0%
City Natural Gas Franchise Fee				1.0%
City Insurance Premium Tax				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 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.

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

**HARRISON COUNTY
FY 2019 (7/1/18 - 6/30/19)**

	<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	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	5.55	12.35	2.50	
County Schools	50.50	50.60	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	17.00	21.70	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	23.00	20.00	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 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.

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

**JESSAMINE COUNTY
FY 2019 (7/1/18 - 6/30/19)**

	<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	19.70	
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	21.90	72.31	74.84***	
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 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.

***Rates not set at time of printing.

Table 28 (continued)
CURRENT LOCAL TAX RATES

LINCOLN COUNTY
FY 2019 (7/1/18 - 6/30/19)

	<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	7.50	7.50	2.30	
Extension District Tax	4.63	6.53	2.40	
County Schools	53.50	53.50	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	13.60	9.63	14.00	
City Payroll/Net Profits Tax				1.15%
City Electric Franchise Fee				1.82%
City Insurance Premium Tax				9.0%
Occupational Business License ¹				\$50.00
(Crab Orchard)				
City Property Tax	12.90	12.20	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 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.

Table 28 (continued) CURRENT LOCAL TAX RATES

MADISON COUNTY FY 2019 (7/1/18 - 6/30/19)

	<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	8.20	9.14	10.00	
Health District Tax	5.00	5.00	5.00	
Library District Tax	5.90	9.00	3.50	
Extension District Tax	1.73	3.41	1.30	
Ambulance District Tax	5.00	6.00	6.00	
<u>COUNTY, SPECIAL DISTRICT, & SCHOOL TAXES (NOT COUNTYWIDE):</u>				
County Payroll/Net Profits Tax				1.0%
Red Lick Watershed District	5.00	NonTaxable	NonTaxable	
County Schools	63.40	63.40	91.80	
County Schools - Utilities Tax				3.0%
Berea Independent Schools	95.00	95.00	59.10	
Berea Schools - Utilities Tax				3.0%
<u>CITY TAXES</u>				
(Richmond)				
City Property Taxes	14.70	16.50	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 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.

Table 28 (continued)
CURRENT LOCAL TAX RATES

MERCER COUNTY
FY 2019 (7/1/18 - 6/30/19)

	<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	12.20	17.53	9.20	
County Payroll/Net Profits Tax				0.45%
Health District Tax	5.00	5.00	5.00	
Library District Tax	8.10	8.10	5.00	
Soil Conservation District Tax	0.70	NonTaxable	NonTaxable	
Extension District Tax	4.10	8.99	1.20	
<u>COUNTY, SPECIAL DISTRICT,</u> <u>& SCHOOL TAXES -</u> <u>NOT COUNTYWIDE:</u>				
Fire Protection District Tax	6.00	6.00	10.00	
County Schools	69.20	69.20	49.10	
County Schools - Utilities Tax				3.0%
Burgin Independent Schools	77.50	77.50	54.60	
Burgin Schools - Utilities Tax				3.0%
<u>CITY TAXES:</u>				
(Harrodsburg)				
City Property Taxes	66.80	66.80	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	20.45	15.33	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 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.

***Rates not set at time of printing

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

**NICHOLAS COUNTY
FY 2019 (7/1/18 - 6/30/19)**

	<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	14.40	15.20	18.90	
County Payroll/Net Profits Tax				1.0%
Health District Tax	5.00	5.00	5.00	
Library District Tax	8.10	15.56	2.20	
Extension District Tax	3.74	7.45	5.00	
Soil Conservation District Tax	1.50	Non-Taxable	Non-Taxable	
County Schools	39.60	39.70	55.50	
County Schools - Utilities Tax				3.0%
 <u>COUNTY & SPECIAL DISTRICT TAXES (NOT COUNTYWIDE)</u>				
Fire Protection District Tax	5.60	5.20	4.40	
 <u>CITY TAXES</u>				
(Carlisle)				
City Property Taxes	21.20	57.00	47.00	
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 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.

Table 28 (continued)
CURRENT LOCAL TAX RATES

POWELL COUNTY
FY 2019 (7/1/18 - 6/30/19)

	<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</u> <u>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 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.

***Rates not set at time of printing.

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

**SCOTT COUNTY
FY 2019 (7/1/18 - 6/30/19)**

	<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	6.50	6.50	6.50	
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	1.83	3.14		
Hotel/Motel Room Tax				3.0%
County Schools	56.40	56.40	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	13.70	3.70	4.00	
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 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.

***Rates not set at time of printing.

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

**WOODFORD COUNTY
FY 2019 (7/1/18 - 6/30/19)**

	<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	9.40	
County Payroll/Net Profits Tax				2.5%
Health District Tax	2.00	2.00	2.00	
Library District Tax	6.30	6.30	2.43	
Extension District Tax	1.74	1.74	1.50	
County Schools	68.20	68.20	50.90	
County Schools - Utilities Tax				3.0%
 <u>COUNTY & SPECIAL DISTRICT TAXES (NOT COUNTYWIDE)</u>				
Fire Protection District Tax	6.30	6.30	6.30	
 <u>CITY TAXES</u>				
(Versailles)				
City Property Tax	5.60	9.78	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	7.50	7.50	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 1/1/18 but collected during FY 2018-2019.

**Motor vehicle rates are those for vehicles owned as of 1/1/19. Taxes are collected at these rates throughout calendar year 2019.