

7-2000

# Industrial Resources: Logan County

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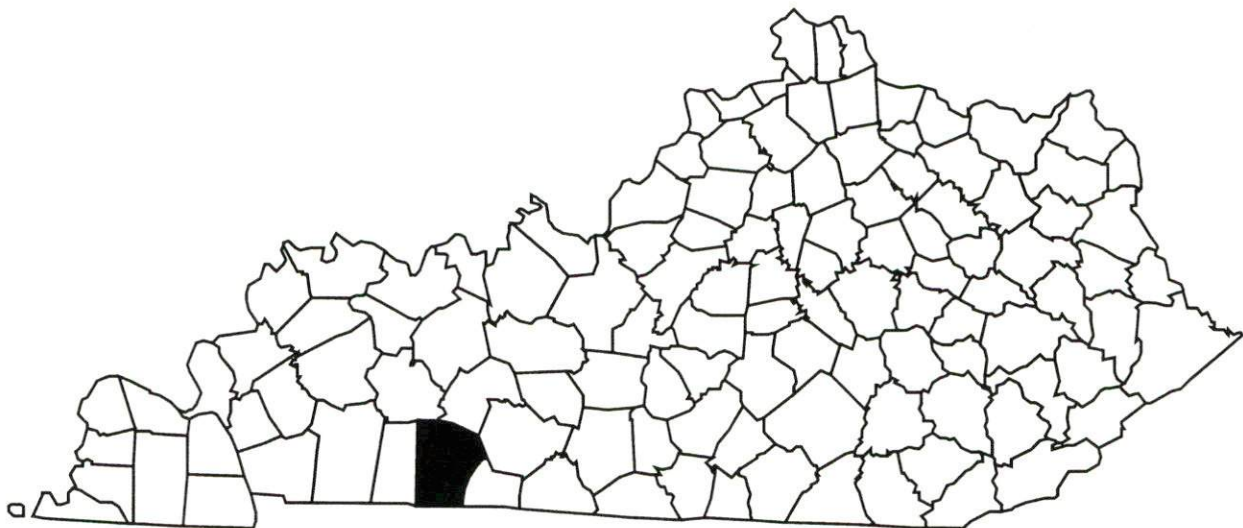
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# Kentucky

## Resources For Economic Development

### Logan County

July 2000



Prepared by  
Kentucky Cabinet for Economic Development  
Division of Research  
in cooperation with  
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## LOGAN COUNTY, KENTUCKY – A RESOURCE PROFILE

Logan County, with an estimated 1999 population of 26,276, is located in southwestern Kentucky on the Kentucky/Tennessee border. With a land area of 555 square miles, the county's terrain ranges from gently rolling to hilly.

Russellville, the county seat of Logan County, is situated in the central portion of the county and had an estimated 1998 population of 7,869. Russellville is located 53 miles north of Nashville, Tennessee; 146 miles southwest of Louisville, Kentucky; and 281 miles southeast of St. Louis, Missouri.

Adairville, located 12 miles south of Russellville, had an estimated 1998 population of 968; Auburn, located 11 miles east of Russellville, had an estimated 1998 population of 1,384; and Lewisburg, 10 miles north of Russellville, had an estimated 1998 population of 818.

**The Economic Framework** – Logan County firms employed 9,589 people in 1997. Contract construction firms provided 234 jobs; manufacturing firms in the county reported 4,853 employees; wholesale and retail trade provided 1,517 jobs; 1,291 were employed in the service industry; and state and local government accounted for 1,158 jobs.

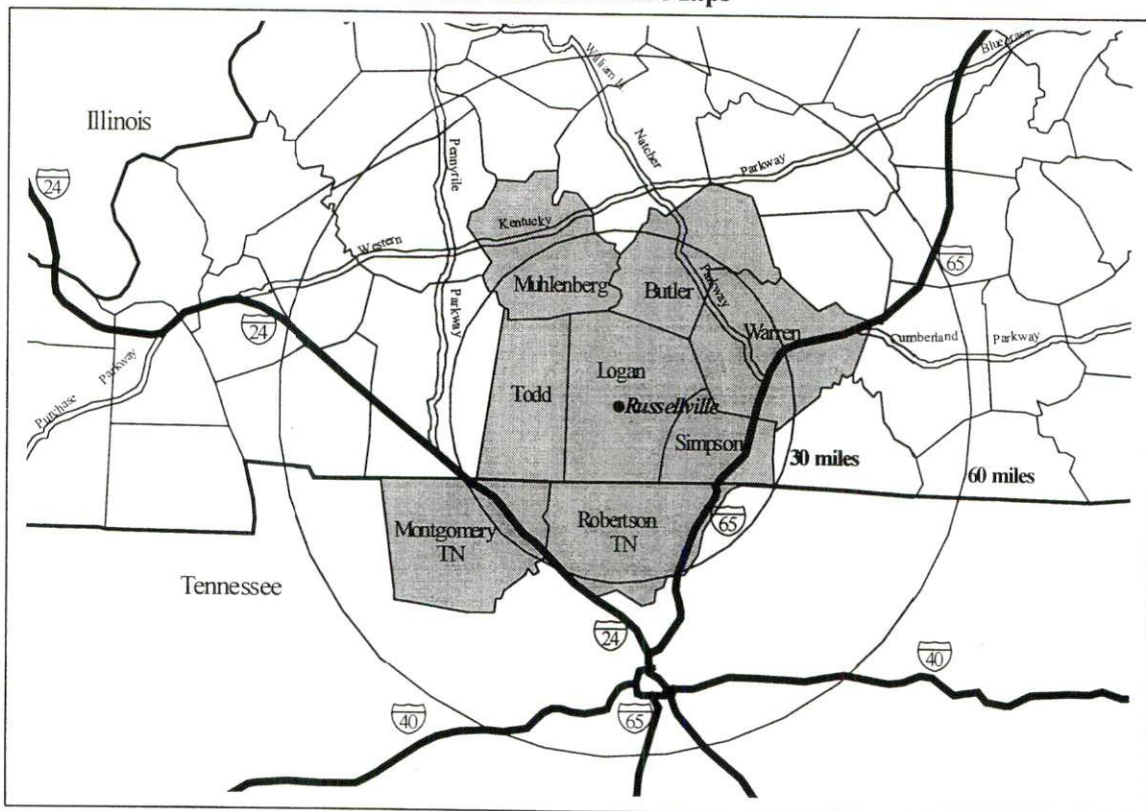
**Labor Supply** – There is a current estimated labor supply of 58,109 persons available for industrial jobs in the labor market area. In addition, from 2000 through 2004, approximately 25,562 young persons in the labor market area will become 18 years of age and potentially available for industrial jobs.

**Transportation** – U.S. Highways 68, 79, 431, and Kentucky Highways 79 and 100 are AAA-rated trucking highways serving Logan County. Interchanges with Interstate 65 are located 25 miles southeast of Russellville via Kentucky 100 and 30 miles northeast of Russellville via U.S. Highway 68 and the William H. Natcher Parkway (formerly the Green River Parkway). Interstate 24 is accessible 27 miles southwest of Russellville via U.S. Highway 79. Twenty-seven common carriers provide Logan County with interstate and/or intrastate service. Rail service is provided to Russellville and Auburn by the R.J. Corman Railroad Company/Memphis Line. The Nashville International Airport, located 61 miles south of Russellville, provides the nearest scheduled commercial airline service. The Russellville-Logan County Airport, located five miles southeast of Russellville, maintains a 4,000-foot paved runway.

**Power and Fuel** – Electric power is provided to Russellville by the Russellville Electric Plant Board. Adairville, Lewisburg, and part of Logan County are served by Pennyrile Rural Electric Cooperative Corporation. Auburn and part of Logan County are served by Warren Rural Electric Cooperative Corporation. Natural gas is provided to Russellville, Adairville, and Auburn by Western Kentucky Gas Company.

**Education** – The Russellville Independent School System and the Logan County School System provide primary and secondary education to Logan County. Eleven institutions of higher learning are located within 60 miles of Russellville. The Russellville Area Technology Center in Russellville, the Bowling Green Technical College, 29 miles east of Russellville in Bowling Green, and the Kentucky Advanced Technology Center also in Bowling Green, provide technical training for Logan County.

### Labor Market Area Maps



**Note:** To obtain detailed topographical and general highway maps contact Maps and Publications at 502-564-4715, or for industrial site maps contact the Site Evaluation Division at 502-564-7140.



## LABOR MARKET STATISTICS

The Logan County labor market area includes Logan County and the following additional counties: Butler; Muhlenberg; Simpson; Todd; Warren; Montgomery, TN; and Robertson, TN.

### Population

	<u>1980</u>	<u>1990</u>	<u>1998*</u>	<u>1999*</u>
Labor Market Area	286,178	312,774	365,575	370,094
Logan County	24,138	24,416	26,195	26,276
Russellville	7,520	7,454	7,869	N/A
Auburn	1,467	1,273	1,384	N/A
Adairville	1,105	906	968	N/A
Lewisburg	972	772	818	N/A

**Note:** \* Population estimates. N/A – Data not available.

**Source:** U.S. Department of Commerce, Bureau of the Census.

### Population Projections

	<u>2000</u>	<u>2010</u>	<u>2020</u>
Labor Market Area	362,530	400,738	434,526
Logan County	26,857	28,334	29,273

**Source:** University of Louisville, Urban Studies Center, State Data Center. Out-of-state counties within the labor market area computed by the Kentucky Cabinet for Economic Development.

### Estimated Labor Supply

	<u>Available Labor, 1998</u>			<u>Future Labor</u>	
	<u>Total</u>	<u>Unemployed</u>	<u>Potential Labor Supply</u>	<u>Under-employed</u>	<u>Becoming 18 years of age 2000 through 2004</u>
Labor Market Area	58,109	7,248	6,664	44,197	25,562
Logan County	3,165	487	493	2,184	1,931

**Note:** Unemployed – people not working but actively seeking work. Potential Labor Supply – represents the number of persons not in the labor force, but would like a job (based on national estimates). Underemployed – people employed in wholesale/retail trade and non-professional services. See Appendix for further explanation.

**Sources:** U.S. Department of Labor, Bureau of Labor Statistics. U.S. Department of Commerce, Bureau of the Census. Kentucky Cabinet for Economic Development, Future Labor Supply Becoming 18 Years of Age, 2000 through 2004.

### Labor Force Characteristics of Residents, 1998

	<u>Logan County</u>	<u>Labor Market Area</u>
Civilian Labor Force	13,069	175,426
Employed	12,582	168,178
Unemployed	487	7,248
Unemployment Rate (%)	3.7	4.1

**Source:** U.S. Department of Labor, Bureau of Labor Statistics.

### Work Force Commuting Patterns, 1990

Workers commuting into Logan County	1,732
Workers commuting out of Logan County	2,036
Workers residing and working in Logan County	8,686

**Source:** University of Louisville, State Data Center.

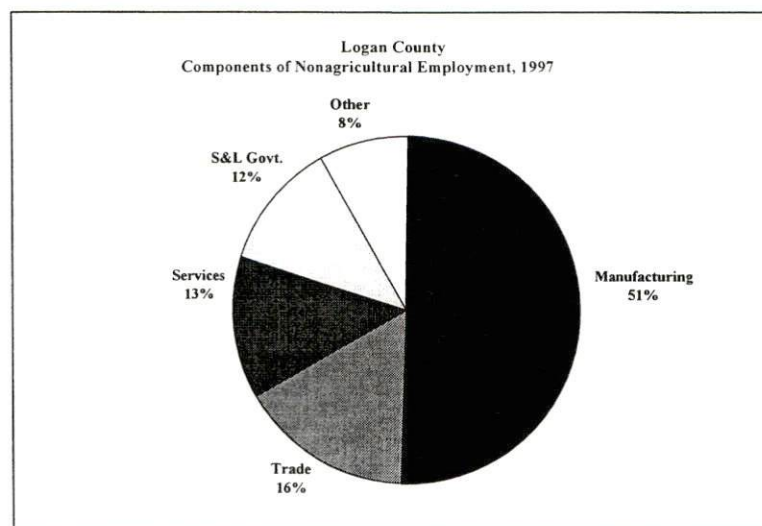
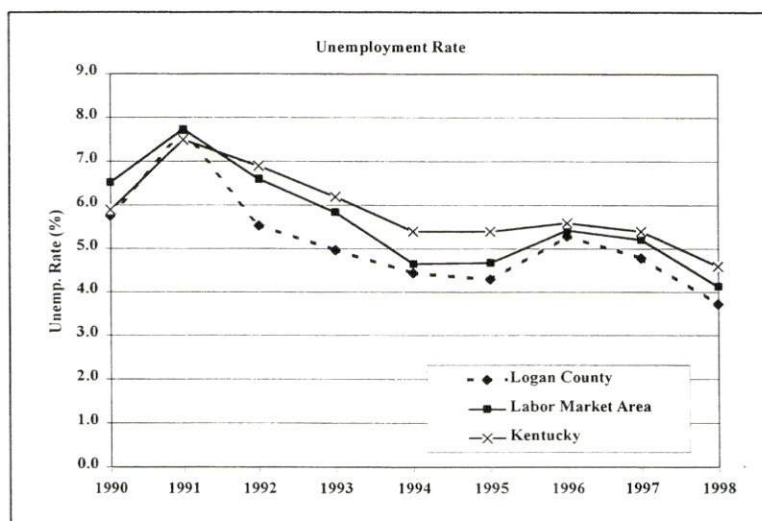
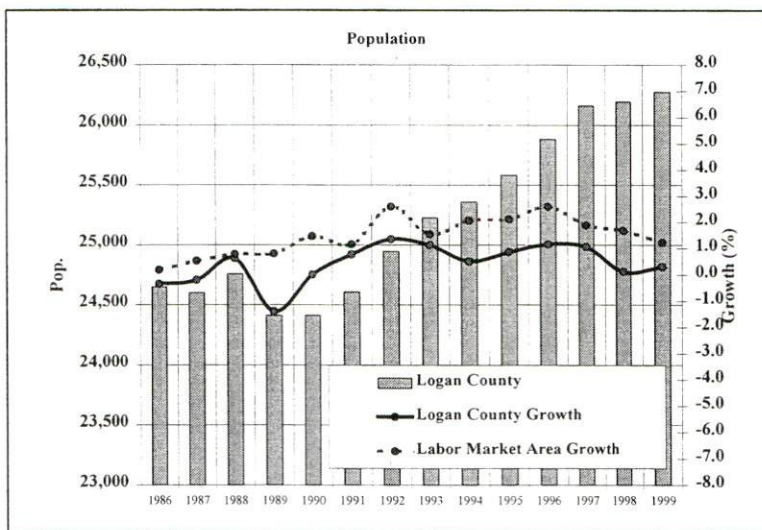
### Selected Components of Nonagricultural Employment by Place of Work, 1997

	<u>Logan County</u>	<u>Labor Market Area</u>
All Industries	9,589	122,501
Mining & Quarrying	N/A	400
Contract Construction	234	5,756
Manufacturing	4,853	32,695
Transportation & Public Utilities	189	3,739
Wholesale & Retail Trade	1,517	32,420
Finance, Insurance, & Real Estate	223	4,374
Services	1,291	22,689
State & Local Government	1,158	18,966
Other	110	499

**Note:** Excludes domestic workers, railway workers, certain nonprofit corporations, majority of federal government workers, and self-employed workers. N/A – Data not available.

**Source:** Kentucky Workforce Development Cabinet, Average Monthly Workers Covered by Kentucky Unemployment Insurance Law, 1997. Out-of-state counties within the labor market area provided by the respective states' departments for employment services.

## Selected Charts





### Per Capita Personal Income

	<u>1993</u>	<u>1997</u>	<u>Percent Change (1993-1997)</u>
Logan County	\$15,176	\$18,021	18.7%
Kentucky	\$17,309	\$20,570	18.8%
U.S.	\$21,368	\$25,288	18.3%
Labor Market Area Range	\$12,169 - \$18,169	\$14,843 - \$22,254	-

**Source:** U.S. Department of Commerce, Bureau of Economic Analysis, 1998.

### Average Placement Wages

The Kentucky Department for Employment Services local office in Bowling Green serves Logan County. The focus of the following data is on job placements made by the Bowling Green local office and may therefore be used as an indicator of the wages which employers in the area pay new employees. During the twelve months ended on June 30, 1999, the local employment office filled Logan County job openings in various occupational categories. The average hourly wage for selected occupational categories were:

	<u>Number of Placements</u>	<u>Average Wage (\$)</u>
All Occupations	4,534	7.20
Professional, Technical & Managerial	107	6.29
Clerical	326	7.20
Sales	112	5.77
Domestic	14	8.57
Services (excluding domestic)	533	5.68
Agricultural, Fishery, Forestry, etc.	90	7.10
Processing	57	6.86
Machine Trades	731	8.47
Bench Work	1,011	6.59
Structural	324	8.47
Motor Freight & Transportation	91	6.58
Packaging & Materials Handling	1,120	7.57
Other	18	6.11

**Note:** Occupational categories are taken from the Dictionary of Occupational Titles published by the U.S. Department of Labor. The Bowling Green local office serves Allen, Butler, Edmonson, Logan, Simpson, and Warre Counties.

**Source:** Kentucky Workforce Development Cabinet, Department for Employment Services.

### Average Weekly Wages by Industry by Place of Work, 1998

	<u>Logan County</u>	<u>Kentucky (Statewide)</u>	<u>Tennessee</u>	<u>Virginia</u>
All Industries	\$466.58	\$512.00	\$546.00	\$595.00
Mining & Quarrying	N/A	808.00	896.00	799.00
Contract Construction	440.63	543.00	585.00	567.00
Manufacturing	571.36	666.00	641.00	670.00
Transportation & Public Utilities	544.96	686.00	674.00	842.00
Wholesale & Retail Trade	270.55	357.00	413.00	416.00
Finance, Insurance, & Real Estate	495.06	652.00	757.00	815.00
Services	373.85	462.00	521.00	628.00
State & Local Government	392.51	494.00	511.00	551.00
	<u>Indiana</u>	<u>Ohio</u>	<u>Illinois</u>	<u>U.S.</u>
All Industries	\$560.00	\$579.00	\$668.00	\$610.00
Mining & Quarrying	883.00	813.00	910.00	1,000.00
Contract Construction	642.00	650.00	804.00	641.00
Manufacturing	772.00	801.00	816.00	770.00
Transportation & Public Utilities	662.00	698.00	798.00	756.00
Wholesale & Retail Trade	371.00	409.00	479.00	435.00
Finance, Insurance, & Real Estate	686.00	736.00	1,023.00	935.00
Services	476.00	510.00	608.00	577.00
State & Local Government	529.00	586.00	638.00	598.00

**Note:** The average weekly wage for each category includes salaries and wages of all persons working for that type of business. For example, the manufacturing category includes both production workers and administrative personnel. Domestic workers, railway workers, certain nonprofit corporations, majority of federal government workers, and self-employed workers are excluded. Wages for U.S. and surrounding states rounded to nearest dollar. N/A – Data not available.

**Sources:** Kentucky Workforce Development Cabinet, Average Weekly Wages of Workers Covered by Kentucky Unemployment Insurance Law, 1998. U.S. Department of Labor, Bureau of Labor Statistics, Employment and Wages, Annual Averages, 1998, December 1999.

## EXISTING INDUSTRY

### Logan County Manufacturing Firms, Their Products and Employment

<u>Firm</u>	<u>Product(s)</u>	<u>1999 Emp.</u>	<u>Date Established</u>
<b>Adairville</b>			
Adairville Feed Mill	Animal feed mixing	6	1958
Auburn Hosiery Mills Inc.	Men's, ladies' & children's sport socks	250	1937
<b>Auburn</b>			
Auburn Hosiery Mills Inc	Men's, ladies' & children's sport socks	290	1937
Auburn Leather Co.	Western tack, leather laces, motorcycle accessories, pet & craft items	65	1863
Caldwell Industries Inc.	Nonmetallic gaskets & molded thermoplastic elastomers	60	1962
Colonial House Furniture Inc.	Cherry, walnut & oak reproduction dining, bedroom & living room furniture	14	1960
Rogers Metal Works	Tools, dies, fixtures, weldments & machinery parts	4	1986
Scott's-Auburn Mills Inc.	Flour & corn meal milling	27	1876
<b>Lewisburg</b>			
Jones Manufacturing & Upholstery	Wooden & upholstered church furniture	4	1994
Lewisburg Roller Mill	Feed blending, grinding & mixing	2	1948
Nelson Co. of Kentucky	Wood pallets, boxes & skids	50	1976
VF Workwear	Men's work jackets	175	1974
<b>Russellville</b>			
Amtech LLC	Dust collecting systems	3	N/A
Assemblers Inc.	Automobile parts assembling	18	1996
Benchmark Materials Inc.	Crushed limestone	27	1936
Beverage Industry Recycling	Wooden pallet & skid remanufacturing	15	1978
Bilt-Rite Products Co.	Welded mesh poultry cages	90	1958
C & J Mulch Inc.	Mulch & landscaping bark	14	1989
C G S Machine & Tool Inc.	Specialty machinery, tool & die	22	1982
Carpenter Co. Inc.	Carpet cushioning, polyester fiber & polyethylene film & bags	600	1970
Cates Cabinets & Woodworking	Custom wooden cabinets & specialty woodworking	22	1992
Chapel Cabinet Co.	Custom wooden kitchen cabinets, vanities & entertainment centers	14	1970
Coffman Welding & Metal Work	Custom machinery & metal fabricating; stairs & railings; arc, gas, MIG, TIG & heliarc welding	10	1982
Crop Production Services Inc.	Feed & fertilizer mixing & blending	6	1983
Emerson Electric Co.	Hermetic electric motors	750	1961
Griffin Industries Inc.	Tallow by-products, animal hide, processed meat & bone meal	45	1972
H & H Sheet Metal Fabricators	Machine shop: MIG, TIG, arc, gas, portable & heliarc welding; sheet metal fabricating; drilling, cutting, boring, honing, mill & lathe work	80	1983



## Logan County Manufacturing Firms, Their Products and Employment (continued)

<u>Firm</u>	<u>Product(s)</u>	<u>1999 Emp.</u>	<u>Date Established</u>
Industrial Automation Inc.	Electronic control panels	5	1994
Invensys Precision Die Casting	Aluminum dies castings & gas fitting regulators	450	1956
Irving Materials Inc.	Ready-mixed concrete	4	1996
ITW Shakeproof	Steel & stainless steel screws	45	1968
J S Technos Corp.	Automotive cylinder & components	70	1989
Lee Neon Co.	Neon signs	4	1987
Logan Aluminum Inc.	Aluminum rolled sheet stock	1,000	1985
Logan County Welding	Machine shop: general machining, metal fabricating, arc, gas, MIG & TIG welding	8	N/A
McIntosh Welding	Custom metal fabricating; welding	6	1995
National Lumber	Hardwood lumber & flitches	9	1986
News Democrat & Leader	Newspaper publishing & offset printing	30	1985
Overholt & Sons	Miniature barns	3	1982
Perry & Jackson Cabinets	Custom commercial & household kitchen, bath, entertainment, laminated cabinets; vanities; counter tops	2	1995
Pillow Brothers Plumbing	Galvanized steel & sheet metal fabricating	5	1893
Printers Plus Inc.	Commercial offset & specialty printing	5	1984
Pro-Fab Metals Inc.	Sheet metal fabricating; arc, MIG & TIG welding; dust collectors	21	1985
Pro-Skill Welding	Welding	4	1968
Pro-Tec	Custom metal fabrication	2	1994
Richardson, Lewis H. Sign	Painted wooden, metal, glass signs & banners	1	1974
Russellville Dental Lab	Dental appliances	9	1956
Smith Douglass of KY Inc.	Fertilizer mixing, blending & bagging	7	1949
Southern States Cooperative	Fertilizer blending	9	1959
Tuckasee Irrigation Inc.	Irrigation equipment	15	1978
VF Workwear	Women's skirts, men's jackets, shirts & coveralls	475	1944
Ventra Plastics	Injection molded plastic automotive trim	240	1992
Wholesale Unlimited Printing	Textile & banner screen printing	3	N/A
<b>South Union</b>			
Precision Strip Inc.	Steel, aluminum & copper processing & slitting service	49	1994

**Note:** N/A - Data not available.

**Sources:** Kentucky Directory of Manufacturers published by Harris InfoSource in cooperation with the Kentucky Cabinet for Economic Development, Division of Research; Logan Co. Economic Development Commission.

### Labor Organizations in Logan County

United Steelworkers of America, AFL-CIO, CLC

**Source:** Kentucky Cabinet for Economic Development, Division of Research.

**Selected Industrial Services – Within 50 Miles of Russellville**

<b>Miles</b>	<b>City</b>	<b>Custom Plastics Producers</b>	<b>Electric Motor Repair</b>	<b>Heat Treating Facilities</b>	<b>Industrial Waste Removal</b>	<b>Machine Shops, Tool &amp; Die</b>	<b>Metal Castings</b>	<b>Metal Finishers</b>	<b>Metal Service Centers</b>	<b>Mill- wrights &amp; Riggers</b>
-	Russellville				X		X			
10	Auburn	X	X							
15	Elkton				X					
19	Franklin	X				X				
20	Woodburn					X				
27	Bowling Green	X				X	X		X	X
30	Greenville					X			X	
33	Hopkinsville	X	X		X	X			X	
37	McHenry					X				
39	Scottsville					X				
42	Hartford							X		
47	Livermore					X				
48	Madisonville				X	X		X		
50	Dawson Springs	X								

**Note:** Miles are calculated as the straight-line distance from city center to city center; not road miles.

**Source:** Kentucky Cabinet for Economic Development, Division of Research.

## TRANSPORTATION

### Highways

U.S. Highways 68, 79, 431, and Kentucky Highways 79 and 100 are all AAA-rated (80,000-pound gross load limit) trucking highways serving Logan County. U.S. Highway 68 provides access to the William H. Natcher Parkway, 25 miles east of Russellville, and to the Pennyryle Parkway, 35 miles to the west. The Wendell H. Ford Western Kentucky Parkway is accessible 37 miles north of Russellville via U.S. Highway 431.

Interchanges with Interstate 65 are located 25 miles southeast of Russellville via Kentucky 100, and 30 miles northeast of Russellville via U.S. Highway 68 and the William H. Natcher Parkway. Interstate 24 is accessible 27 miles southwest of Russellville via U.S. Highway 79.

Four-lane construction of U.S. Highway 68/Kentucky 80 has been completed between Russellville and Bowling Green. Four-lane construction of U.S. 68/Kentucky 80 between Russellville and Hopkinsville is underway. The northern half of the Russellville Bypass is open. The southern half of the bypass is in the design phase. Construction of the new four-lane U.S. 431 between Russellville and Logan Aluminum, north of Russellville is scheduled for completion in 2000.

### Highway Miles from Russellville, Kentucky to Selected Market Centers

<u>City</u>	<u>Highway Miles</u>	<u>City</u>	<u>Highway Miles</u>
Atlanta, GA	299	Indianapolis, IN	259
Baltimore, MD	721	Kansas City, MO	530
Birmingham, AL	245	Knoxville, TN	219
Charleston, WV	357	Lexington, KY	186
Chicago, IL	440	Louisville, KY	146
Cincinnati, OH	243	Minneapolis, MN	858
Cleveland, OH	494	Nashville, TN	53
Columbia, SC	481	New Orleans, LA	585
Columbus, OH	350	New York, NY	881
Dallas, TX	697	Pittsburgh, PA	532
Des Moines, IA	684	Raleigh, NC	579
Detroit, MI	506	Richmond, VA	654
Evansville, IN	112	St. Louis, MO	281
Huntington, WV	309	Tallahassee, FL	570

**Note:** Mileage computations are via the best interstate or primary highways, not necessarily the most direct route of travel.

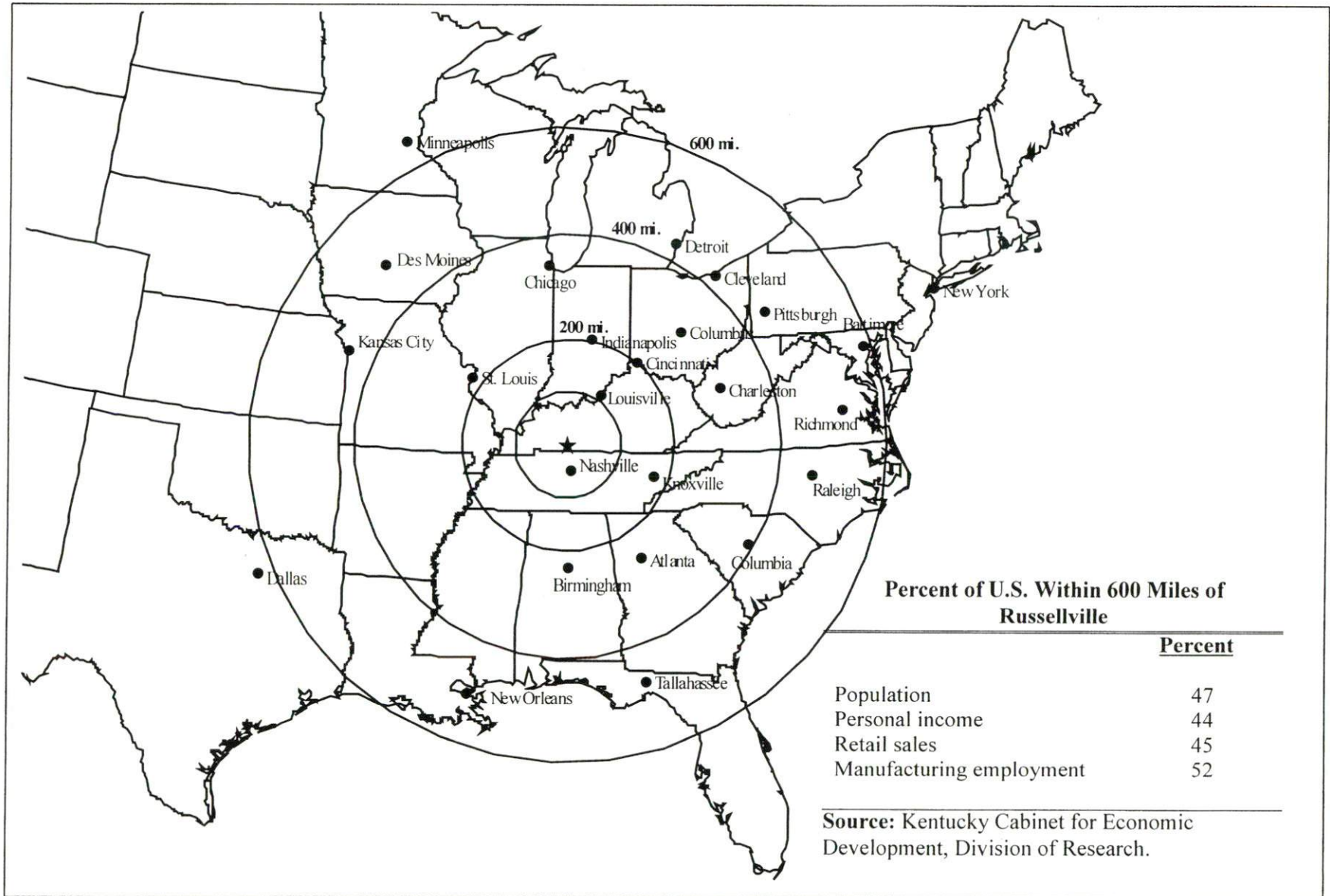
**Source:** AAA Map 'n' Go, DeLORME, 1998.

### Truck Service

Twenty-seven trucking companies provide interstate and/or intrastate service in Logan County. American Motor Carrier Directory, 2000 Edition.



**Selected Market Centers Map**



## **Rail**

The R.J. Corman Railroad Company/Memphis Line provides branch line rail service from Clarksville, Tennessee to Russellville and seven miles north of Russellville; and to Auburn and through Auburn to Bowling Green, Kentucky. R.J. Corman Railroad connects with CSX Transportation's main line at Bowling Green, Kentucky, 29 miles northeast. CSX Transportation provides the nearest intermodal facilities at Nashville, Tennessee, 53 miles south of Russellville.

R.J. Corman Railroad maintains a 108,000-square-foot warehouse and distribution facility on the Warren and Logan Counties line. The \$6 million facility has 40,000 square feet of warehouse space and 51 acres of fenced, in outdoor storage. The facility is adjacent to U.S. 68/Kentucky 80 and is served by the R.J. Corman Railroad which connects with the CSX railroad, ten miles east of the facility near Bowling Green.

For details on routing, schedules, rates, and services contact:

R.J. Corman Railroad Company/Memphis Line  
P.O. Box 788  
Nicholasville, KY 40356  
(859) 885-9457

and/or

Manager of Industrial Development  
CSX Transportation  
9420 Bunsen Parkway, Suite 212  
Louisville, KY 40220  
(502) 499-3025

## **Air**

### **Local**

#### **Russellville-Logan County Airport**

Location: Russellville, KY  
Phone: (270) 726-3214  
Number of runways: 1  
Length and type of longest runway: 4,000 feet (asphalt)

#### **Owensboro-Daviess County Airport**

Location: Owensboro, KY  
Distance from Russellville: 77 miles north  
Phone: (270) 685-4179  
Daily arrivals & departures: 10

### **Commercial/International**

#### **Nashville International Airport**

Location: Nashville, TN  
Distance from Russellville: 53 miles south  
Phone: (615) 275-1600  
Air service: Air Canada, American, American Eagle, Comair, Continental, Corporate Express, Delta, Delta Express, Midway Connection, Northwest, Skyway, Southwest, TWA, United, US Airways, US Airways Express, Trans States  
Daily arrivals & departures: 364

## UTILITIES

### Electricity

Service area:  
Company:  
Source of power:  
For industrial rates contact:

**Adairville, Lewisburg, and a major portion of Logan County**

Pennyrile Rural Electric Cooperative Corporation

Tennessee Valley Authority

Pennyrile Rural Electric Cooperative Corporation

2000 Harrison Street

P.O. Box 551

Hopkinsville, KY 42241

(270) 886-2555

and/or

South Kentucky Industrial Development Association, Inc. (TVA)

Manager of Economic Development

P.O. Box 726

Hopkinsville, KY 42241-0726

(270) 885-5392

Service area:  
Company:  
Source of power:  
For industrial rates contact:

**Auburn and northeastern Logan County**

Warren Rural Electric Cooperative Corporation

Tennessee Valley Authority

Warren Rural Electric Cooperative Corporation

951 Fairview Avenue

P.O. Box 1118

Bowling Green, KY 42102

(270) 842-6541

and/or

South Kentucky Industrial Development Association, Inc. (TVA)

Manager of Economic Development

P.O. Box 726

Hopkinsville, KY 42241-0726

(270) 885-5392

Service area:  
Company:  
Source of power:  
For industrial rates contact:

**Russellville**

Russellville Electric Plant Board

Tennessee Valley Authority

Russellville Electric Plant Board

P.O. Box 418

Russellville, KY 42276-0418

(270) 726-2466

and/or



South Kentucky Industrial Development Association, Inc. (TVA)  
Manager of Economic Development  
P.O. Box 726  
Hopkinsville, KY 42241-0726  
(270) 885-5392

### **Natural Gas**

Service area:  
Company:  
Source of supply:  
For rates and supplies contact:

**Russellville, Adairville, and Auburn**  
Western Kentucky Gas Company  
Texas Gas Transmission Company

Western Kentucky Gas Company  
2401 New Hartford Road  
P.O. Box 886  
Owensboro, KY 42302-0866  
(270) 685-8069

### **Public Water Supply**

Service area:  
Company:

**Adairville**  
Adairville Water Works  
South Church Street  
P.O. Box 185  
Adairville, KY 42202  
(270) 539-8661

#### **Treatment facilities information**

Source of raw water:	South Fork of Red River
Treatment plant capacity:	1,050,000 gallons per day
Average daily consumption:	500,000 gallons
Peak daily consumption:	726,000 gallons
Storage capacity:	320,000 gallons
Water pressure:	60 psi to 95 psi

Service area:  
Company:

**Auburn**  
City of Auburn Water Department  
P.O. Box 465  
Auburn, KY 42206  
(270) 542-7106

#### **Treatment facilities information**

Source of raw water:	Blue Hole Spring
Treatment plant capacity:	400,000 gallons per day
Average daily consumption:	300,000 gallons
Peak daily consumption:	342,000 gallons
Storage capacity:	500,000 gallons
Water pressure:	40 psi to 50 psi

Service area:  
Company:

**Lewisburg**  
City of Lewisburg Waterworks

P.O. Box 407  
Lewisburg, KY 42256  
(270) 755-4805

Treatment facilities information

Source of raw water: Spa Lake  
Treatment plant capacity: 500,000 gallons per day  
Average daily consumption: 160,000 gallons  
Peak daily consumption: 200,000 gallons  
Storage capacity: 285,000 gallons  
Water pressure: 40 psi to 150 psi

Service area:

Company:

**portions of northern Logan County**

North Logan Water District  
3118 Lewisburg Road  
Russellville, KY 42276  
(270) 725-8050

Treatment facilities information

Source of supply of treated water: City of Russellville  
Maximum available for purchase: 1,000,000 gallons per day  
Average daily consumption: 160,000 gallons  
Peak daily consumption: 225,000 gallons  
Storage capacity: 100,000 gallons  
Water pressure: 30 psi to 100 psi

Service area:

Company:

**most of southern Logan County**

South Logan Water District  
P.O. Box 185  
Adairville, KY 42202  
(270) 539-8661

Treatment facilities information

Source of supply of treated water: Adairville Waterworks (City of Adairville)  
Maximum available for purchase: 2,000,000 gallons per day  
Average daily consumption: 450,000 gallons (City of Russellville – no specified amount)  
Peak daily consumption: 600,000 gallons  
Storage capacity: 736,000 gallons  
Water pressure: 35 psi to 110 psi

Service area:

Company:

**portions of eastern Logan County**

East Logan Water District  
399 East Main  
P.O. Box 715  
Auburn, KY 42206  
(270) 542-6894

Treatment facilities information

Source of supply of treated water: City of Russellville  
Maximum available for purchase: 1,000,000 gallons per day

Average daily consumption: 380,000 gallons  
Peak daily consumption: 500,000 gallons  
Storage capacity: 420,000 gallons  
Water pressure: 35 psi to 140 psi

Service area: **Russellville**  
Company: City of Russellville Water Department  
106 South West Park Square  
Russellville, KY 42276  
(270) 726-5006

**Treatment facilities information**

Source of raw water: Lake Herndon and Spa Lake  
Treatment plant capacity: 2,600,000 gallons per day  
Average daily consumption: 1,500,000 gallons  
Peak daily consumption: 1,600,000 gallons  
Storage capacity: 2,361,000 gallons  
Water pressure: 38 psi to 85 psi

**Sewerage**

Service area: **Adairville**  
Company: Adairville Wastewater Treatment Plant  
Cemetery Street  
Adairville, KY 42202  
(270) 539-6731

Design capacity: 260,000 gallons per day  
Average daily flow: 67,000 gallons  
Type of treatment: Secondary  
Treated effluent discharged into: South Fork of Red River

Service area: **Auburn**  
Company: Auburn Sewer Plant  
334 East Main Street  
Auburn, KY 42206  
(270) 542-4475

Design capacity: 350,000 gallons per day  
Average daily flow: 350,000 gallons  
Type of treatment: Primary  
Treated effluent discharged into: Black Lick Creek

Service area: **Lewisburg**  
Company: City of Lewisburg  
451 Stacker Street  
Lewisburg, KY 42256  
(270) 755-4828

Design capacity: 350,000 gallons per day  
Average daily flow: 220,000 gallons



Type of treatment:  
Treated effluent discharged into:

Secondary  
Mud River

Service area:  
Company:

**Russellville**  
City of Russellville Wastewater Treatment Department  
106 South West Park Square  
Russellville, KY 42276  
(270) 726-5037

Design capacity:  
Average daily flow:  
Type of treatment:  
Treated effluent discharged into:

2,400,000 gallons per day  
1,140,000 gallons  
Primary  
Town Creek

Improvements:

The City of Russellville has upgraded its collection system and wastewater treatment plant at a cost of \$5.1 million.

## CLIMATE

### Logan County

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#### Temperature

Normal (129-year record)	59.4 degrees
Average annual, 1999	61.0 degrees
Record highest, July 1952 (60-year record)	107 degrees
Record lowest, January 1985 (60-year record)	-17 degrees
Normal heating degree days (30-year record)	3,729
Normal cooling degree days (30-year record)	1,616

#### Precipitation

Normal (30-year record)	47.30 inches
Mean annual snowfall (30-year record)	11.0 inches
Total precipitation, 1999	41.82 inches
Mean number days precipitation (0.01 inch or more) (30-year record)	118.4
Mean number days thunderstorms (59-year record)	51.9

<u>Prevailing Winds</u> (31-year record)	South
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#### Relative Humidity (30-year record)

12 midnight	75 percent
6 a.m.	80 percent
12 noon	63 percent
6 p.m.	65 percent

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**Notes:** Heating degree day totals are the sums of negative departures of average daily temperatures from 65 degrees F. Cooling degree day totals are the sums of positive departures of average daily temperatures from 65 degrees F.

**Source:** U.S. Department of Commerce, National Climatic Data Center, Local Climatological Data, 1999.  
Station of record: Nashville, Tennessee.

## **LOCAL GOVERNMENT**

### **Structure**

The Cities of Russellville, Adairville, Auburn, and Lewisburg are each governed by a mayor and six council members. The mayors are elected to a four-year term while the council members each serve two-year terms. Logan County is served by a county judge/executive and six magistrates. Each county official serves a four-year term.

### **Planning and Zoning**

Joint agency - Joint Logan County/Cities Planning Commission

Participating cities - Russellville, Auburn, Adairville, Lewisburg

Zoning enforced - within the corporate limits of Russellville, Auburn, Adairville, and Lewisburg

Subdivision regulations enforced - within the corporate limits of Russellville, Adairville, and Auburn and in the unincorporated areas of Logan County

Local codes enforced - Building code in Russellville, Auburn, and Adairville

Mandatory state codes enforced - Kentucky Plumbing Code, National Electric Code, Kentucky Boiler Regulations and Standards, Kentucky Building Code (modeled after BOCA code)

### **Local Fees and Licenses**

The Cities of Auburn and Russellville each levy an occupational license tax of one and one-half percent on all salaries, wages, and commissions of individuals, and on net profits of all businesses. The Cities of Adairville and Lewisburg each levy an occupational license tax of one percent on salaries, wages, and commissions of individuals, on net profits of all businesses within the cities.

Unloading licenses are \$25.50 per year in Adairville and \$30 annually in Lewisburg. Business license fees of \$10 are also charged by Adairville, Auburn, Lewisburg, and Russellville.

### **Sales and Use Tax**

A state sales and use tax is levied at the rate of 6.0% on the purchase or lease price of taxable goods and on utility services. Local sales taxes are not levied in Kentucky.

### **State and Local Property Taxes**

The Kentucky Constitution requires the state to tax all classes of taxable property, and state statutes allow local jurisdictions to tax only a few classes. All locally taxed property is subject to county taxes and school district taxes (either a county school district or an independent school district). Property located inside the city limits may also be subject to city property taxes. Property assessments in Kentucky are at 100% fair cash value. Accounts receivable are taxed at 85% of face value. Special local taxing jurisdictions (fire protection districts, watershed districts, and sanitation districts) levy taxes within their operating areas (usually a small portion of community or county).



### State Property Tax Rates Per \$100 Valuation

<u>Selected Classes of Property</u>	<u>State Rate, 1999</u>	<u>Local Taxation Permitted</u>
Real Estate	\$0.148	Yes
Manufacturing Machinery	0.150	No
Pollution Control Equipment	0.150	No
Inventories:		
Raw Materials	0.050	No
Goods in Process	0.050	No
Finished Goods	0.050	Yes
Motor Vehicles	0.450	Yes
Other Tangible Personal Property	0.450	Yes
Intangibles (Accounts Receivable, Money on Hand)	0.250	No

**Source:** Property Tax Rates 1999, Kentucky Revenue Cabinet, Department of Property Valuation.

### Local Property Tax Rates Per \$100 Valuation, 1999

<u>Taxing Jurisdiction</u>	<u>Real Estate</u>	<u>Finished Goods &amp; Tangibles</u>	<u>Motor Vehicles</u>
<b><u>County</u></b>			
Logan County	0.1712	0.2019	0.1637
<b><u>Cities</u></b>			
Adairville	0.2960	0.2960	0.3220
Auburn	0.1870	0.3210	0.2420
Lewisburg	0.1840	0.2460	0.2100
Russellville	0.1760	0.2200	0.2200
<b><u>School Districts</u></b>			
Logan County	0.3470	0.3470	0.4490
Russellville Independent	0.5400	0.5400	0.5390

**Source:** Property Tax Rates 1999, Kentucky Revenue Cabinet, Department of Property Valuation.

## EDUCATION

### Primary and Secondary Schools

#### Public School District Enrollments and Expenditures, 1998-99

	<u>Total Enrollment</u>	<u>Expenditures Per Pupil</u>	<u>Pupil to Teacher Ratio</u>
Logan County	3,321	\$5,048	17.3
Russellville Independent	1,402	\$5,729	17.9

**Source:** Kentucky Department of Education, Office of Curriculum, Assessment, and Accountability.

#### Transition to Adult Life of High School Graduates, 1996-97

<u>County-wide</u>	<u>Number of Graduates</u>	<u>Percent of Total Graduates (%)</u>
Total High School Graduates	275	
To College	112	40.7
To Vocational/Technical School	9	3.3
To Workforce	120	43.6
To Work & School	8	2.9
To Military	11	4.0
Other	15	5.5

**Source:** Kentucky Department of Education, Office of Curriculum, Assessment, and Accountability.

### Colleges and Technical Schools

#### Area Colleges and Universities Within 60 Miles of Russellville

<u>Miles</u>	<u>Institution</u>	<u>Location</u>	<u>Enrollment (Fall 1999)</u>
27	Western Kentucky University	Bowling Green	15,123
32	Austin Peay State University	Clarksville, TN	7,556
33	Hopkinsville Community College	Hopkinsville	2,449
46	Belmont College	Nashville, TN	2,926
46	David Lipscomb College	Nashville, TN	2,543
46	Fisk University	Nashville, TN	900
46	Meharry Medical College	Nashville, TN	721
46	Tennessee St. University	Nashville, TN	8,643
46	Trevecca Nazarene College	Nashville, TN	1,547
46	Vanderbilt University	Nashville, TN	10,253
48	Madisonville Community College	Madisonville	1,742
<b>Total Enrollment</b>			<b>54,403</b>

**Note:** Miles are calculated as the straight-line distance from Russellville, not road miles.

**Source:** Kentucky Council on Higher Education.

## Kentucky Technical Schools Within 60 Miles of Russellville

<u>Miles</u>	<u>Institution</u>	<u>Location</u>	<u>Enrollment (1997-98)</u>		
			<u>Sec</u>	<u>P/S</u>	<u>Total</u>
	Russellville ATC	Russellville	543	6	549
27	Bowling Green Technical College	Bowling Green	143	877	1,020
27	KY Advanced Technology Center	Bowling Green	0	309	309
30	Muhlenberg County ATC	Greenville	142	57	199
33	Christian County ATC	Hopkinsville	241	28	269
39	Allen County Area Vocational Education Center	Scottsville	422	0	422
42	Ohio County ATC	Hartford	673	23	696
48	Madisonville Technical Col. Madisonville Health Ext.	Madisonville	0	372	372
48	Madisonville Technical College	Madisonville	74	128	202
55	Barren County ATC	Glasgow	561	7	568
55	Bowling Green Technical College Glasgow Campus	Glasgow	0	207	207
55	Grayson County Area Vocational Education Center	Leitchfield	400	0	400
58	Caldwell County ATC	Princeton	342	26	368
<b>Total Enrollment</b>			<b>3,541</b>	<b>2,040</b>	<b>5,581</b>

**Notes:** Kentucky Tech secondary schools (Sec), called area technology centers (ATC), are operated by the Cabinet for Workforce Development and the post-secondary schools (P/S), called technical colleges, are governed by the Kentucky Community and Technical College System (KCTCS). Adult courses may be offered at some secondary technical schools. Miles are calculated as the straight-line distance from Russellville, not road miles.

**Source:** Kentucky Workforce Development Cabinet, KCTCS.

### Customized Training

The Kentucky Tech system, through its training and development coordinators, will provide technical assistance and will identify and develop low-cost customized training programs and services for both established and prospective businesses. Businesses wanting to establish a customized training program should contact a Training and Development Coordinator at the the Logan County area is located at the Bowling Green Technical College campus (270) 746-7461.

### Assessment Services

Kentucky Tech Career Connections offers business, education, and government agencies testing packages for evaluating job applicants, selecting employees for promotional consideration and developing training programs within the organization. The Career Connections Assessment Center serving the Logan County area is located at the Bowling Green Technical College campus (270) 746-7461.

### Adult Education Services

Adult education programs are available to adults who want to develop new academic skills, improve basic skills, or earn a high school equivalency diploma. In the Logan County area, adult basic education and adult literacy classes are administered through the Logan County Literacy Program.



The Bowling Green Technical College and the Russellville Area Technology Center offer tech prep in the areas of automotive, carpentry, drafting, electronics, food service, graphic communication, machine/tool, retailing, welding and business technologies.

### **Bluegrass State Skills Corporation**

The Bluegrass State Skills Corporation (BSSC) was established in 1984 by the General Assembly of the Commonwealth of Kentucky as an independent, de jure corporation to stimulate economic development through customized business and industry specific skills training programs. The BSSC works with business and industry and Kentucky's educational institutions to establish programs of skills training. The BSSC is attached to the Cabinet for Economic Development for administrative purposes, in recognition of the relationship between economic development and skills training efforts.

The BSSC is comprised of two economic development tools, matching grants and the newly authorized Skills Training Investment Credit Act. The BSSC grant program is available to new, expanding and existing business and industry. Eligible training activities include pre-employment skills training and assessment; entry level, skills upgrade and occupational upgrade training; train-the-trainer travel; and capacity-building. The Skills Training Investment Credit Act provides tax credits to existing businesses for skills upgrade training.

## OTHER LOCAL FACILITIES

### Local Medical Personnel

(Logan County)

Physicians - 18

Dentists - 6

### Hospitals

<u>General Hospitals</u>	<u>Location</u>	<u>Beds</u>
Logan Memorial Hospital, Columbia Health Network	Russellville	100

Medical staff: 16 active physicians, 40 consulting and courtesy physicians; 62 registered nurses; 13 licensed practical nurses

### Other Medical Facilities and Services

Auburn Nursing Center

Barren River Comprehensive Care Center (Russellville)

Home Health Care (three agencies)

Logan County Health Department (Russellville)

Russellville Health Care Manor, Inc.

Logan County Ambulance Service, Inc.

Adairville Volunteer Fire Department and Ambulance Service

Auburn Rural Fire Department and Emergency Medical Services

### Banks and Savings & Loan Associations

The Citizens National Bank (Russellville)

Southern Deposit Bank (Russellville)

Firststar (Russellville)

Union Planters Bank

Auburn Banking Company

Lewisburg Banking Company (and Russellville)

### Newspapers

News-Democrat & Leader (Twice weekly)

### Telephone Service

BellSouth (serving Russellville)

Logan County Rural Telephone Cooperative, Inc.

911 Enhanced

## RECREATION

Recreational facilities in Russellville include the 110-acre Russellville-Logan County Memorial Park with two ball fields, four tennis courts, basketball courts, a volleyball court, nature trail, and facilities for shuffleboard, croquet, and horseshoes. The park also provides a miniature golf course, trapshooting range, playground equipment, picnic areas, four shelters, two concession stands, restrooms, and a clubhouse with a kitchen. Hampton Park, also located in Russellville, features basketball courts, a picnic shelter, playground equipment, and multi-purpose baseball/softball field. The old armory has been completely renovated and serves as the Russellville Recreation Center, including a gymnasium, activity rooms, and office for parks and recreation personnel. Ongoing activities and special events are available for all ages, including baseball, softball, volleyball, and football leagues, with tennis tournaments, and senior citizens days. The Carpenter Center houses two indoor pools, two racquetball courts, aerobic center, indoor walking track, and cardiovascular center, with many classes and activities for all ages.

The ten-acre Adairville Community Park features two lighted ball fields, concession stands, a basketball court, picnic areas with a pavilion, and parking areas. A lake and clubhouse are also available at the Red River Fish and Game Club's facilities near Adairville.

McCutchen-Coke Municipal Park in Auburn contains three ball fields, a soccer/football field, a running/walking track, two tennis courts, basketball and volleyball courts, facilities for shuffleboard and horseshoe pitching, campgrounds, concession, a model airplane strip, and picnic pavilions.

The lighted 13-acre Lewisburg Municipal Park has a ball field, basketball courts, three tennis courts, a playground, a picnic area, a covered shelter, a concession stand, and restrooms. A renovation at the park is planned.

Other recreational facilities in Logan County include the Russellville Country Club which features a clubhouse and dining room, a swimming pool, a nine-hole golf course, and two tennis courts. Also available are a public eighteen-hole golf course and clubhouse.

South Union, located in eastern Logan County, is the historic site of the last western Shaker village. The community features the Shaker Museum, Shaker Tavern, Bed & Breakfast, a museum shop, and the South Union Post Office, all housed in 19th century Shaker buildings.

Lake Malone State Park, located in southern Muhlenberg County, 20 miles northwest of Russellville, offers camping facilities, swimming, fishing, and boating rentals on an 826-acre lake. Shady Cliff Resort on Lake Malone features a 24-room lodge and cabins.

The Bibb House, Russellville's only historic home open to the public, has recently been renovated. Major Richard Bibb, a Revolutionary War Officer, built this house in 1820. In 1829, he freed 29 of his slaves and returned them to Liberia. He provided for the liberation of his remaining slaves in his will. One of his sons, John, developed Bibb lettuce. Another son, George, became Chief Justice of the Kentucky Court of Appeals, a United States Senator, and member of President Tyler's cabinet.

The Caldwell Saddle Factory, c. 1810, is being restored to house a museum. Russellville's oldest factory was built with 13 wide windows designed to allow two men to work by the light of each. Indentured apprentices were housed on the third floor where, written on one of the walls, are the words, "Two years from today, I will be free. 1812." The restored structures will house historical documents and artifacts from Russellville's past.



**Area** (Within 75 miles)

Jefferson Davis Monument State Historic Site (Fairview)

Pennyrile Forest State Resort Park (Dawson Springs)

Barren River Lake State Resort Park (Lucas)

Lake Barkley State Resort Park (Cadiz)

Mammoth Cave National Park (Mammoth Cave)

Nolin River Lake (Bee Springs)

Rough River Dam State Resort Park (Falls of Rough)

The Land Between The Lakes National Recreation Area (Lake Barkley, Kentucky Lake area)

## APPENDIX A - DEFINITIONS

### Geographic definition of the labor market area

A county's labor market area is defined as the base county, adjacent counties, and any other major commuting counties. Adjacency is used to define the labor market area primarily because of the small size of Kentucky's counties. The major commuting counties are defined from the point of view of the base county. Major commuting counties are those counties that comprise 90% of the base county's total commuters. The source of the commuting patterns is the 1990 journey-to-work data available from the U.S. Department of Commerce, Bureau of Economic Analysis.

### Example – Logan County

To determine the labor market area for Logan County the following steps are taken. First, the counties with workers commuting into Logan county are listed in ascending order (see the table below). The cumulative percent is calculated. Next, all counties that comprise up to 90% of the commuters are included in the labor market area (actually the cut-off will be the county that breaks the 90% threshold – Montgomery County, TN at 92.6% in this case). Although Robertson is not a major commuter county, it is included since it is adjacent. The Logan County labor market is then comprised of the seven bold-faced counties in the table below.

<b>Labor Market Area – Logan County (Example Only)</b>				
<b>Adjacent to Logan</b>	<b>Commuter County</b>	<b>Commuters into Logan</b>	<b>Percent of Total Commuters</b>	<b>Cumulative Percent</b>
Y	<b>Todd</b>	<b>385</b>	<b>24.4%</b>	<b>24.4%</b>
Y	<b>Warren</b>	<b>377</b>	<b>23.9</b>	<b>48.4</b>
Y	<b>Muhlenberg</b>	<b>365</b>	<b>23.2</b>	<b>71.5</b>
Y	<b>Simpson</b>	<b>162</b>	<b>10.3</b>	<b>81.8</b>
Y	<b>Butler</b>	<b>116</b>	<b>7.4</b>	<b>89.1</b>
	<b>Montgomery, TN</b>	<b>55</b>	<b>3.5</b>	<b>92.6</b>
	Christian	36	2.3	94.9
	Sumner, TN	35	2.2	97.1
Y	<b>Robertson, TN</b>	<b>25</b>	<b>1.6</b>	<b>98.7</b>
	Davidson, TN	20	1.3	100.0
<i>Total Commuters into Logan County</i>		<i>1,576</i>	<i>100.0</i>	

**Source:** U.S. Department of Commerce, Bureau of Economic Analysis. Regional Economic Information System, CD-ROM. August 1997.

### **Potential Labor Supply**

The potential labor supply is an estimate of those persons not classified as in the labor force (not employed and not unemployed), but who want a job. The assumption is that people not in the labor force at the local level would like a job at the same rate as the nation. The U.S. Department of Labor, Bureau of Labor Statistics provides national, yearly estimates of the percent of the people not in the labor force who want a job. This percent is applied to the county-level number of people not in the labor force.

### **Underemployed**

Wholesale/retail trade and non-professional services have historically paid low wages. The assumption is that workers in these industries would take higher paying jobs if they were available. Non-professional services excludes Miscellaneous Repair Services (SIC 7600), Health Services (SIC 8000), Legal Services (SIC 8100), and Engineering and Management Services (SIC 8700).

### **Total Available Labor**

Total available labor is the sum of the number of unemployed, potential labor supply, and underemployed. Please note that the number of unemployed is the only generally accepted measure of labor availability. The other concepts are weaker measures and should be used with caution.