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Industrial Resources: Greenup County

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Kentucky

Resources For Economic Development

Boyd & Greenup Counties

February 2000

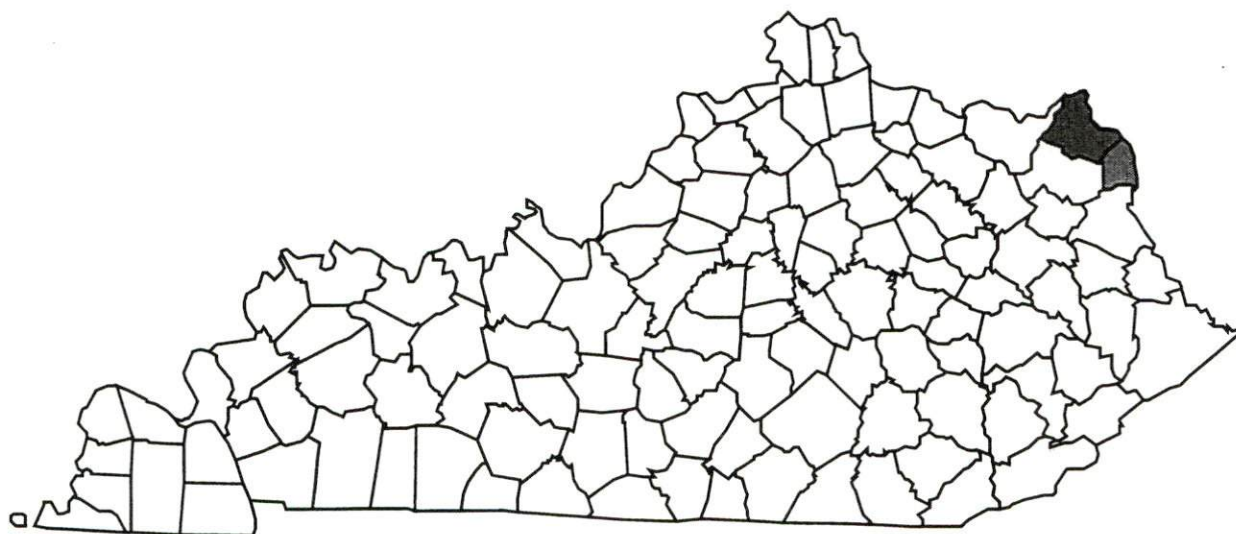
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Kentucky

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Cost of printing paid from state funds.

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BOYD & GREENUP COUNTIES, KENTUCKY – A RESOURCE PROFILE

Boyd and Greenup Counties, situated on the Ohio River in the Appalachian foothills of the tri-state area of Kentucky, Ohio, and West Virginia, cover 506 square miles. Although part of the Eastern Kentucky Coal Field Region, the topography is less rugged than that of other Coal Field counties.

Boyd County, with two incorporated cities-Ashland and Catlettsburg, had an estimated 1998 population of 49,543. Ashland (1998 estimated population of 22,402) is the largest city in the two counties and is located 67 miles west of Charleston, West Virginia; 195 miles east of Louisville, Kentucky; 146 miles southeast of Cincinnati, Ohio; and 271 miles northeast of Knoxville, Tennessee.

Greenup County had an estimated population 1998 of 36,874. The county has eight incorporated cities: Bellefonte, Flatwoods, Greenup, Raceland, Russell, South Shore, Worthington, and Wurtland.

The Economic Framework – Boyd & Greenup Counties firms employed 35,385 people in 1997. Contract construction firms provided 2,111 jobs; manufacturing firms in the county reported 6,603 employees; wholesale and retail trade provided 9,602 jobs; 8,736 were employed in the service industry; and state and local government accounted for 4,206 jobs.

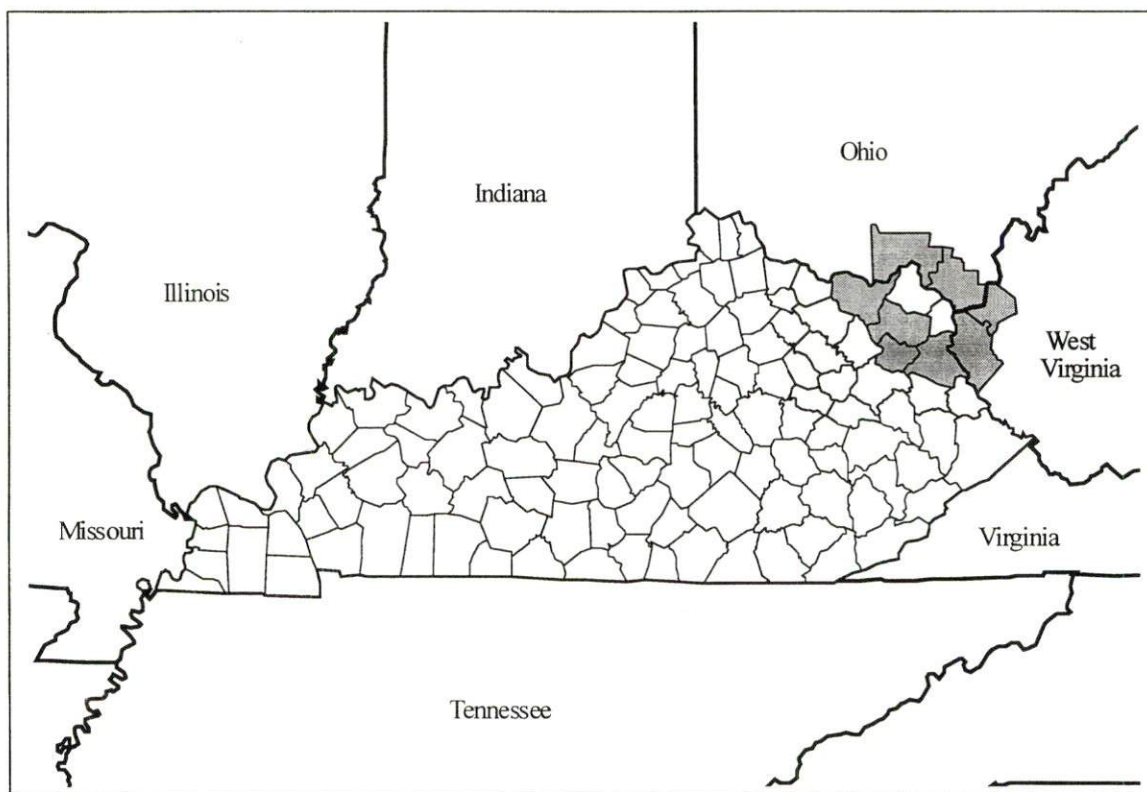
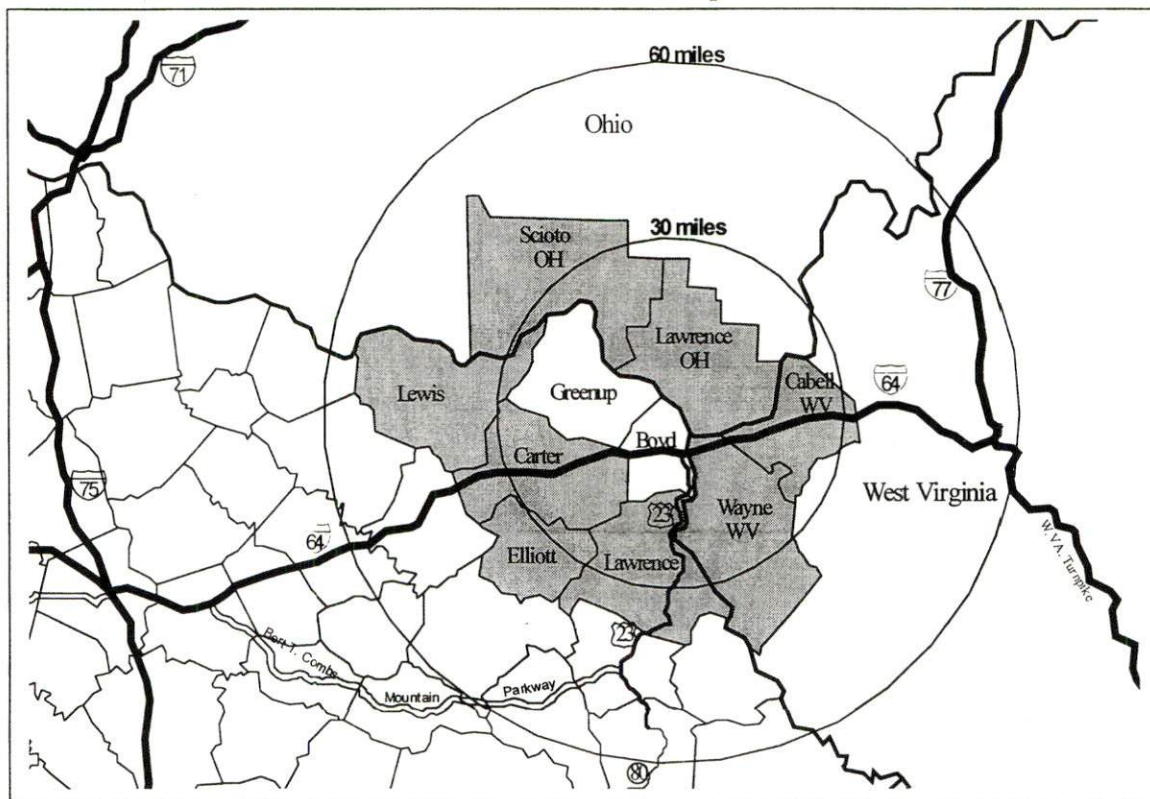
Labor Supply – There is a current estimated labor supply of 79,792 persons available for industrial jobs in the labor market area. In addition, from 2000 through 2004, approximately 32,687 young persons in the labor market area will become 18 years of age and potentially available for industrial jobs.

Transportation – Commercial surface traffic routes which serve 32 interstate trucking lines are accessed from Interstate 64 which crosses through Boyd County. A major east-west route, Interstate 64 provides access to I-75, I-65, I-71, I-77 and I-79. Other available highways are U.S. 23 and 60 and Kentucky Routes 7, 8 and 180. Rail service is available through CSX Transportation and Amtrack. The Ohio River has numerous private terminal facilities in both counties. Commercial air service is available through the Tri-State Airport, 13 miles southeast of Ashland. The Ashland-Boyd County Airport maintains a 5,600-foot paved runway for general aviation and corporate transports.

Power and Fuel – American Electric Power and Grayson Rural Electric Cooperative Corporation provide electrical power to Boyd and Greenup Counties. Natural gas service is supplied by Columbia Gas of Kentucky and Kentucky-Ohio Gas Corporation.

Education – Six public and seven private school systems serve the area. Higher education is available through the Ashland Community College and the Morehead State University-Ashland Center, both of which offer associate and baccalaureate degrees in addition to continuing education programs and a variety of community-oriented services. The Ashland Technical College provides post-secondary technical training. The nearest area technology centers (ATC) providing secondary education are Russell Co. ATC in Russell and the Greenup County ATC in Greenup.

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 Boyd & Greenup Counties labor market area includes Boyd & Greenup Counties and the following additional counties: Carter; Elliott; Lawrence; Lewis; Lawrence, OH; Scioto, OH; Cabell, WV; and Wayne, WV.

Population

	<u>1980</u>	<u>1990</u>	<u>1995*</u>	<u>1998*</u>
Labor Market Area	464,116	434,497	441,586	439,096
Boyd & Greenup Counties	94,645	87,892	87,431	86,417
Boyd County	55,513	51,150	50,121	49,543
Greenup County	39,132	36,742	37,120	36,874
Ashland	27,064	23,622	23,058	22,402
Flatwoods	8,354	7,799	7,923	7,933

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	437,206	431,213	422,977
Boyd & Greenup Counties	86,307	84,056	80,746

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	79,792	13,383	10,620	55,789	32,687
Boyd & Greenup Counties	17,475	2,419	1,959	13,097	6,174

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, 1999 through 2003.

Labor Force Characteristics of Residents, 1998

	<u>Boyd & Greenup Counties</u>	<u>Labor Market Area</u>
Civilian Labor Force	38,924	185,407
Employed	36,505	172,024
Unemployed	2,419	13,383
Unemployment Rate (%)	6.2	7.2

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

Work Force Commuting Patterns, 1990

Workers commuting into Boyd & Greenup Counties	9,221
Workers commuting out of Boyd & Greenup Counties	5,258
Workers residing and working in Boyd & Greenup Counties	28,388

Source: University of Louisville, State Data Center.

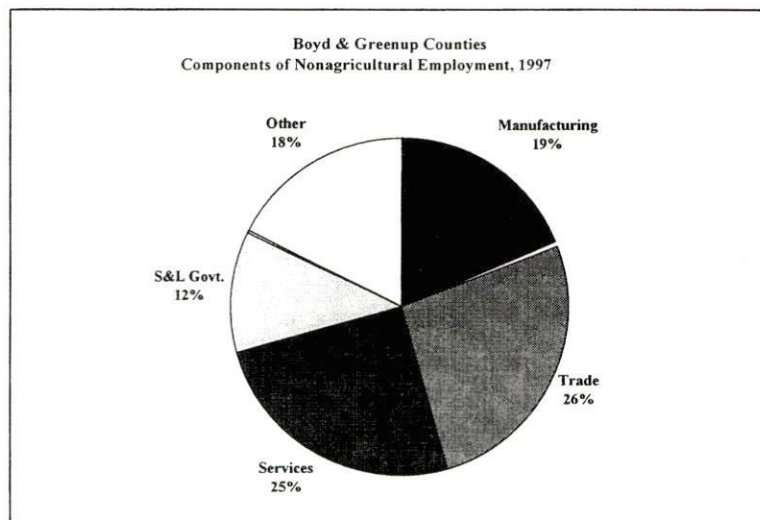
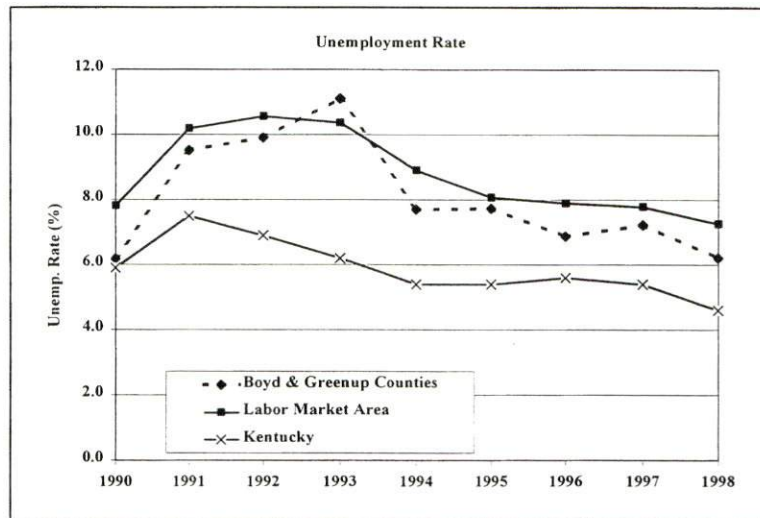
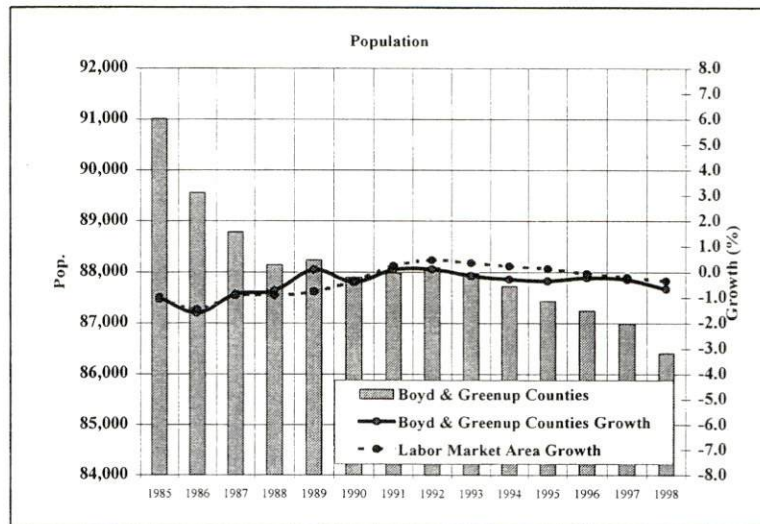
Selected Components of Nonagricultural Employment by Place of Work, 1997

	<u>Boyd & Greenup Counties</u>	<u>Labor Market Area</u>
All Industries	35,385	144,750
Mining & Quarrying	N/A	1,595
Contract Construction	2,111	7,222
Manufacturing	6,603	21,348
Transportation & Public Utilities	2,018	5,943
Wholesale & Retail Trade	9,602	40,545
Finance, Insurance, & Real Estate	1,193	4,993
Services	8,736	36,843
State & Local Government	4,206	25,605
Other	6,603	227

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>
Boyd & Greenup Counties	\$17,623	\$20,415	15.8%
Kentucky	\$17,309	\$20,570	18.8%
U.S.	\$21,368	\$25,288	18.3%
Labor Market Area Range	\$10,752 - \$19,251	\$12,553 - \$21,983	-

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

Average Placement Wages

The Kentucky Department for Employment Services local office in Ashland serves Boyd & Greenup Counties. The focus of the following data is on job placements made by the Ashland 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, 1998, the local employment office filled Boyd & Greenup Counties 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	1,354	5.86
Professional, Technical & Managerial	60	6.41
Clerical	162	5.24
Sales	54	5.69
Domestic	7	9.06
Services (excluding domestic)	225	5.02
Agricultural, Fishery, Forestry, etc.	20	5.08
Processing	539	5.92
Machine Trades	11	6.64
Bench Work	66	5.08
Structural	85	8.16
Motor Freight & Transportation	56	6.98
Packaging & Materials Handling	67	5.92
Other	2	7.50

Note: Occupational categories are taken from the Dictionary of Occupational Titles published by the U.S. Department of Labor. The Ashland local office serves Boyd, Carter, Elliott, Greenup, and Lawrence Counties.

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

Average Weekly Wages by Industry by Place of Work, 1997

	<u>Boyd & Greenup Counties</u>	<u>Labor Market Area Range</u>	<u>Kentucky (Statewide)</u>	<u>U.S.</u>
All Industries	\$532.21	\$304 - \$555	\$488.00	\$578.00
Mining & Quarrying	N/A	N/A	790.00	961.00
Contract Construction	543.60	212 - 559	516.00	610.00
Manufacturing	937.60	265 - 1,072	644.00	737.00
Transportation & Public Utilities	714.80	366 - 845	648.00	724.00
Wholesale & Retail Trade	278.76	186 - 398	337.00	411.00
Finance, Insurance, & Real Estate	521.83	327 - 579	613.00	863.00
Services	514.08	281 - 554	440.00	547.00
State & Local Government	436.73	364 - 557	484.00	576.00
	<u>Illinois</u>	<u>Indiana</u>	<u>Michigan</u>	<u>Missouri</u>
All Industries	\$634.00	\$530.00	\$627.00	\$534.00
Mining & Quarrying	881.00	849.00	801.00	736.00
Contract Construction	765.00	604.00	682.00	626.00
Manufacturing	792.00	732.00	935.00	704.00
Transportation & Public Utilities	764.00	633.00	759.00	680.00
Wholesale & Retail Trade	452.00	351.00	409.00	382.00
Finance, Insurance, & Real Estate	938.00	624.00	702.00	685.00
Services	575.00	452.00	532.00	491.00
State & Local Government	615.00	510.00	635.00	489.00
	<u>Ohio</u>	<u>Tennessee</u>	<u>Virginia</u>	<u>West Virginia</u>
All Industries	\$553.00	\$521.00	\$555.00	\$467.00
Mining & Quarrying	773.00	839.00	772.00	903.00
Contract Construction	619.00	561.00	544.00	509.00
Manufacturing	776.00	621.00	644.00	653.00
Transportation & Public Utilities	669.00	653.00	761.00	648.00
Wholesale & Retail Trade	384.00	391.00	392.00	311.00
Finance, Insurance, & Real Estate	682.00	696.00	748.00	490.00
Services	486.00	495.00	580.00	417.00
State & Local Government	567.00	494.00	530.00	461.00

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, 1997. U.S. Department of Labor, Bureau of Labor Statistics, Employment and Wages, Annual Averages, 1997, December 1998.

EXISTING INDUSTRY

Boyd and Greenup Counties Manufacturing Firms, Their Products and Employment

<u>Firm</u>	<u>Product(s)</u>	<u>1999 Emp.</u>	<u>Date Established</u>
<u>Boyd County</u>			
<u>Ashland</u>			
Air Products & Chemicals Inc.	Industrial oxygen, nitrogen & liquid argon gases	12	1963
AK Steel Corp.	Flat rolled carbon steel	1,600	1921
AK Steel Corp.	Coke plant	383	1921
Appalachian Home Center	Wood & laminated kitchen & bath cabinets	11	1983
Area Advertising Agency Inc.	Textile screen printing, hats & advertising specialties	10	1975
Art Department	Architectural, magnetic, metal, painted, plastic, vinyl lettered, screen printed signs, point of purchase displays & fabric screen printing	2	1983
Ashland Fabricating & Welding	Steel fabricating, arc & gas welding, grinding; drilling, boring, cutting, honing; lathe/mill work	30	1954
Ashland Machine & Babbitt	Machine shop: CNC & general machining	7	1992
Ashland Milling Co. Inc.	Horse, poultry, beef & swine livestock feed	7	1958
Ashland Office Supply Inc.	Offset, letterpress & screen printing; typesetting; saddle stitch, perfect & plastic binding	93	1957
Ashland Prosthetics/Orthotics	Prosthetic & orthotic devices	6	1992
Ashland Publishing Co.	Newspaper publishing & commercial offset printing	100	1921
Bow-Mech Services Inc.	Machine shop: general machining, drilling, boring, custom metal fabricating; machinery repair	8	N/A
Boyd County Glass Inc.	Machine shop: general & precision machining; arc, gas, industrial, MIG, TIG, production, resistance, spot & heliarc welding; lathe & mill work; automobile frame & engine repair	13	1991
Byles Auto Parts Inc.	Machine shop: drilling, boring, cutting, honing, mill & lathe work	10	1932
Columbus Show Case Co. Inc.	Hardware fixtures & display showcases	48	1944
Contech Construction Products	Corrugated steel culvert pipe	16	1966
Corbin Ltd	Men's & women's clothing; coats, jackets, skirts, blouses, shirts, suits, trousers & shorts	400	1957
Dickenson Printing Co.	Commercial offset, letterpress & screen printing; typesetting, side & saddle stitch binding & rubber stamps	1	1944
Fairchild Machine Shop Inc.	Machine shop: machinery repairing, arc welding; drilling, boring, cutting; surface grinding, mill & lathe work	17	1963
Fraley Sign Co.	Metal, magnetic, plastic, vinyl, wooden signs	4	1988
Frame Factory	Wood, metal & plastic picture frames	1	1993
Gallaher's Inc.	Commercial offset & letterpress printing; computer typesetting; glue, saddle stitch, side & spiral wire, perfect & plastic binding	35	1975

General Ready Mix Co.	Ready-mixed concrete	10	1986
Heckett MultiServ	Crushed slag	50	1983
Home Town Trader	Weekly newspaper publishing	3	1993
Hyland Co.	Pet food	20	1983
Kentucky Electric Steel Inc.	Steel flat bars	400	1965
Kilbourne Machine/Fabrication	Machine shop: mill & lathe work, arc & gas welding, general machining, drilling, boring, cutting, honing, tool & die, steel & metal fabricating	10	1902
Klaiber Meat Processing	Custom beef & pork slaughtering, processing & packing	2	1957
L & E Electrical Exchange Inc.	DC motors & hydraulic hose assembling	2	1987
MG Industries	Oxygen & argon	4	N/A
Patton Lumber Co.	Sawmill & millwork: trusses, windows, rough & softwood lumber	7	1912
Pennco Inc.	Glass & aluminum windows & patio doors	120	1956
Readmond Printing Inc.	Commercial offset, letterpress & screen printing; typesetting; glue, spiral, perfect, plastic, side & saddle stitch binding	4	1946
Riggs Machine & Fabricating	Machine shop: CNC, general machining; valve repairing; welding; mill & lathe work; sheet, plate, ornamental & structural metal fabricating	48	1981
Steele Plastics Manufacturing	Plastic gutter screen & custom fabricating	5	1948
Stuart, Jesse Foundation Inc.	Book publishing	4	1979
Tri State Trade'N Sell Journal	Publish weekly classified ads newspaper	5	1972
Tri-City Ice Inc.	Ice	4	1990
U S Brick/Cline Plant	Clay bricks	30	1926
Walt's Commercial Printing	Commercial offset & letterpress printing; computer typesetting; saddle stitch & plastic binding	4	1971
Wells Ready Mix Inc.	Ready-mixed concrete	15	N/A
Williams, B Complete Machining	Machine shop: general & CNC machining, drilling, boring, cutting, honing, lathe & mill work, arc & MIG welding	7	1946
Young Signs of Ashland Inc.	Wooden, plastic, neon, metal, vinyl lettered & electrical signs	7	1930
Cannonsburg			
RPM	Pump repair and replacement	55	1992
Catlettsburg			
Big Sandy Asphalt	Emulsified asphalt	10	1974
Calgon Carbon Corp.	Granular activated carbon	234	1960
Carr & Son Machine Shop Inc.	Machine shop: general machining, gas welding, drilling, cutting, lathe & mill work	2	1966
Creative Wood Works Inc.	Wooden cabinets, millwork, laminated counter tops & vanities	6	1972
Crystal Clear Industries Inc.	Water meter reading polycarbonite enduroscopes	6	1992
Inco Alloys International Inc.	Nickel alloys	180	1964
MAP (Marathon Ashland Petroleum)	Petroleum products, petrochemicals	1,500	1924
Miller's Custom Meats	Beef & pork slaughtering, processing & packing	9	1930

Opell Meats	Meat processing & packing	3	1972
Production Controls Inc.	Electrical control panels	1	1983
R & D Associates Inc.	Small barges & stern-wheel boats, arc welding	23	1991
Thorn-Orwick Inc.	Precast concrete products: manholes, catch basins, septic tanks, bumbars, cisterns, utility sewer & electrical structures	8	N/A
Trophy House	Trophies & plaques	2	N/A
Rush			
Jones Welding/Ornamental Iron	Structural steel, ornamental & structural iron fabricating; arc welding	5	1946
Greenup County			
Flatwoods			
Service Office Supplies	Offset & letterpress printing; typesetting; glue, perfect, spiral, side & saddle stitch binding	20	1982
Sign Shop/Sign Express	Architectural, electrical, magnetic, metal, neon, painted, plastic, screened, wooden & vinyl lettered signs	1	N/A
Stamp Store	Rubber stamps	1	1998
Williams Graphic Services	Offset printing & typesetting	2	1984
Greenup			
Body Tees & Printing	Textile screen printing	2	1996
Raceland			
Raceland Car Shop	Freight cars & components	450	1929
Russell			
Advance Specialty Advertising	Fabric screen printing	2	1989
D & J Custom Inc.	Custom pistols, rifles & firearms	1	1996
Russell Publishing Corp.	Offset & letterpress printing; computer typesetting; desktop publishing; plastic, staple & saddle stitch binding	4	1927
South Shore			
Mark West Hydrocarbon Inc.	LP & natural gasoline, propane, butane & isobutane	25	1988
North American Refractories Co.	Fire brick, cement & castable refractories	250	1902
Teay's Quality Molding Inc.	Plastic injection molding	5	1995
Turn-Key Controls Inc.	Electrical control panels	7	1996
Tygart Valley Graphics	Metal, magnetic & plastic signs; decals & banners	1	1995
Wurtland			
CAE Vanguard Inc.	Freight car axles	30	1992
Custom Steel Processing Inc.	Steel processing & cold rolled steel	20	1981
DuPont	Sulfuric acids	25	1926
Home Furnishing Concepts	Cedar birdhouses, feeders, planters & hangers, doormats	55	1987
PCI Inc.	Pigment intermediates	50	1990
Tenneco Packaging/AVI	Plastic materials & flexible sheeting	135	1983

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; Ashland Alliance.

Recent Industrial Developments

The Northeast Kentucky Regional Industrial Park Authority's industrial park, known as EastPark, is a five county cooperative effort to support the needs of business and industry. The first two phases will be ready for construction and occupancy in 2000. The Park's infrastructure includes roadways, utility mains for water and sewer, natural gas, electricity and telephone. Additionally, a 105,000 square foot shell building will be constructed and completed in 2000.

Major Boyd and Greenup Counties Supportive/Service Employers

<u>Name of Business/Firm</u>	<u>Type of Business</u>	<u>Employment</u>
Applied Card Systems	Call-center	500
Lester Telemarketing	Call-center	250
Marathon Ashland Petroleum LLC	Executive Offices	150

Source: Ashland Alliance

Labor Organizations in Boyd and Greenup Counties

Aluminum, Brick and Glass Workers International Union, AFL-CIO
Grain Processors
Oil, Chemical and Atomic Workers International Union, AFL-CIO
Typesetters
Typographical
United Brotherhood of Carpenters and Joiners of America, AFL-CIO
United Steelworkers of America, AFL-CIO, CLC

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

Selected Industrial Services – Within 50 Miles of Ashland

Miles	City	Custom Plastics Producers	Electric Motor Repair	Heat Treating Facilities	Industrial Waste Removal	Machine Shops, Tool & Die	Metal Castings	Metal Finishers	Metal Service Centers	Mill- wrights & Riggers
-	Ashland				X	X			X	
9	Wurtland	X								
18	Grayson				X					
47	Morehead		X		X	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

Interstate Highway 64, U.S. Highways 23 and 60, and Kentucky Route 180 are "AAA"-rated (80,000-pound gross load limit) trucking highways serving Boyd County. Interchanges of Interstate 64 are located 12 miles southwest of Ashland via U.S. 60, and eight miles southeast of Ashland (two miles south of Catlettsburg) via U.S. 23. A major east-west route, I-64 provides access to I-75, I-65, I-71, I-77 and I-79.

U.S. Highway 23 and Kentucky Route 8 also serve Greenup County. Both Kentucky routes are "AAA"-rated. U.S. 23 is a four-lane highway from South Portsmouth in northern Greenup County, through Greenup and Boyd Counties, and traverses eastern and southeastern Kentucky. In addition, "AA"-rated Kentucky Route 7 serves Greenup County.

U.S. Highway 52, a major four-lane highway from Portsmouth, Ohio, to Huntington, West Virginia, is located just across the Ohio River, and is accessible via bridges at South Portsmouth, Grays Branch, Russell, and Ashland, Kentucky.

Construction of Kentucky Highway 9, (John Y. Brown, Jr. A-A Highway) has been completed in Greenup County. The 25-mile spur traverses Greenup County into Lewis County and connects with the previously completed portion of the highway. Another spur extending from Vanceburg, south of Greenup County to I-64 at Grayson is also completed. The entire 95-mile highway extends from the Greenup Lock and Dam near Greenup to Interstate 275 in northern Kentucky.

Highway Miles from Ashland, Kentucky to Selected Market Centers

<u>City</u>	<u>Highway Miles</u>	<u>City</u>	<u>Highway Miles</u>
Atlanta, GA	481	Indianapolis, IN	258
Baltimore, MD	431	Kansas City, MO	704
Birmingham, AL	525	Knoxville, TN	271
Charleston, WV	67	Lexington, KY	125
Chicago, IL	439	Louisville, KY	195
Cincinnati, OH	146	Minneapolis, MN	850
Cleveland, OH	271	Nashville, TN	336
Columbia, SC	424	New Orleans, LA	869
Columbus, OH	127	New York, NY	598
Dallas, TX	998	Pittsburgh, PA	294
Des Moines, IA	734	Raleigh, NC	388
Detroit, MI	320	Richmond, VA	385
Evansville, IN	312	St. Louis, MO	460
Huntington, WV	26	Tallahassee, FL	752

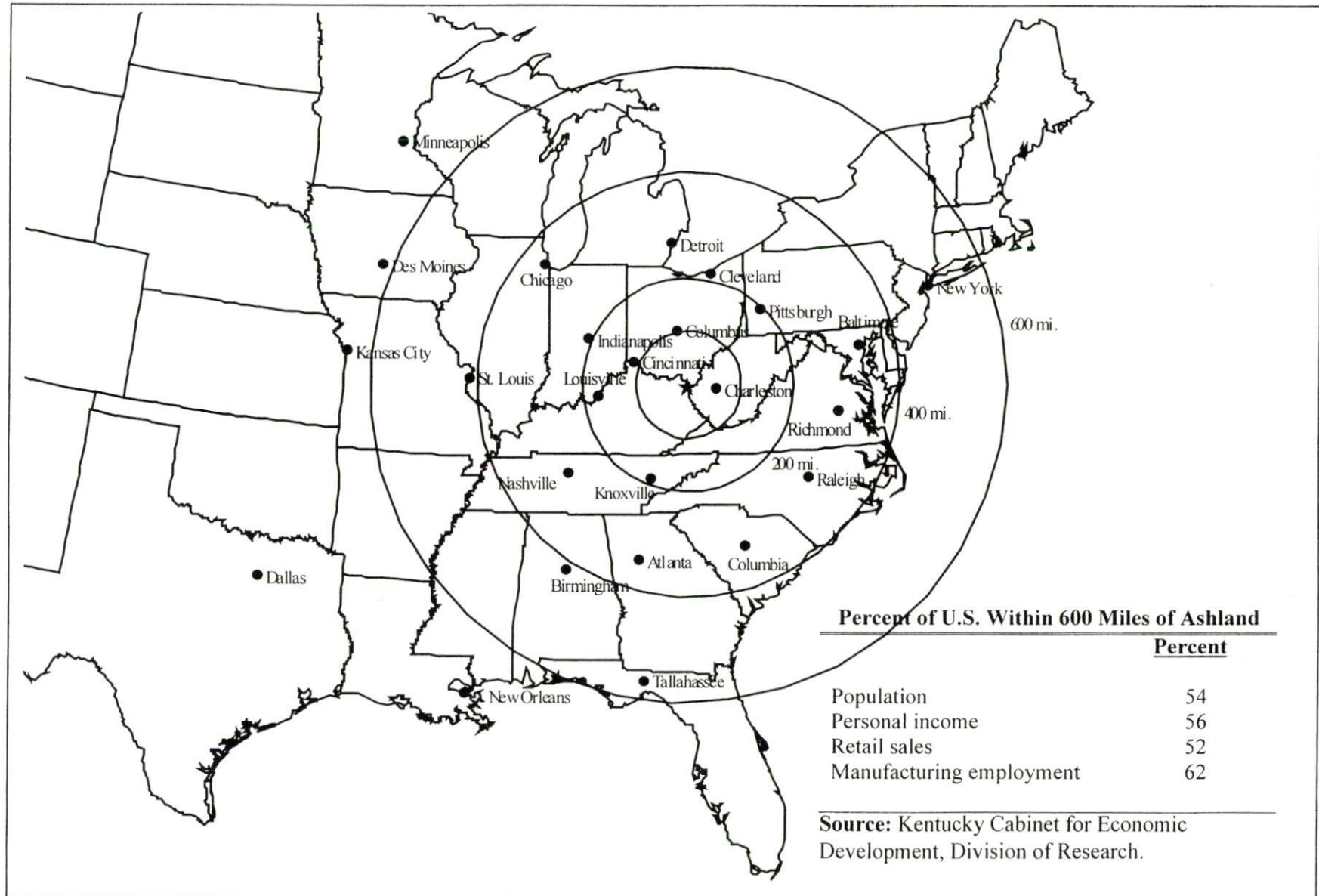
Note: Mileage computations are via the best interstate or primary highways, not necessarily the most direct route of travel.

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

Truck Service

Thirty-two common carrier trucking companies provide interstate and/or intrastate service to Boyd and Greenup Counties. American Motor Carrier Directory, 2000 Edition.

Selected Market Centers Map



Rail

CSX Transportation provides main line rail service to Boyd and Greenup Counties. The nearest intermodal facilities are located at Cincinnati, Ohio, 134 miles northwest of Ashland.

Amtrack provides passenger line service to the area with stations located at Catlettsburg-Ashland (Boyd County) and South Portsmouth (Greenup County).

In addition, the Norfolk Southern Railroad provides service to the area across the Ohio River in Ohio and West Virginia.

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

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

and/or

Amtrack Distribution Center
800-872-7245

Air

Local

Location:	Ashland-Boyd Co. Airport Ashland, KY
Phone:	(606) 836-1162
Number of runways:	1
Length and type of longest runway:	5,600 asphalt

Commercial/International

Location:	Tri-State Airport Huntington, WV
Distance from Ashland:	13 miles southeast
Air service:	ASA Airlines, US Airways Express
Daily arrivals & departures:	25

Water

Ashland is located on the Ohio River, while Catlettsburg is located at the confluence of the Ohio and Big Sandy Rivers. A nine-foot navigation channel is maintained on the Ohio River and to a point nine miles south of Catlettsburg on the Big Sandy River.

Waterborne traffic on the Ohio and Big Sandy Rivers is extensive in the Ashland-Catlettsburg and Greenup County region. Numerous private terminal facilities operate in this area, providing bulk and general cargo transloading facilities for commercial freight.

River Port

The Combined Terminals Corporation is developing the River Port at the Port of Wurtland, strategically positioned on the banks of the Ohio River, lending easy access to U.S. 23, I-64 and the CSX rail system. Currently there is over 120,000 square feet of covered storage with plans to construct another 40,000 square feet of rail served warehouse space.

UTILITIES

Electricity

Service area: **Boyd County and northern and eastern portions of Greenup County**

Company: American Electric Power

Source of power: American Electric Power

For industrial rates contact:

American Electric Power
Economic Development Manager
1701 Central Avenue
P.O. Box 1428
Ashland, KY 41105-1428
(606) 327-1244

Service area:

major portions of Greenup County

Company: Grayson Rural Electric Cooperative Corporation

Source of power: East Kentucky Power Cooperative

For industrial rates contact:

Grayson Rural Electric Cooperative Corporation
109 Bagby Park
Grayson, KY 41143
(606) 474-5136

and/or

East Kentucky Power Cooperative
Industrial Development Department
4775 Lexington Road
P.O. Box 707
Winchester, KY 40391
(606) 744-4812

Natural Gas

Service area:

Boyd and Greenup Counties

Company:

Columbia Gas of Kentucky

Source of supply:

Columbia Gas Transmission Company

For rates and supplies contact:

Columbia Gas of Kentucky
Economic Development Department
2001 Mercer Road
P.O. Box 14241
Lexington, KY 40512-4241
(606) 288-0227

Service area:

Boyd and Greenup Counties

Company:

Kentucky-Ohio Gas Corporation

Source of supply:

Tennessee Gas Pipeline

For rates and supplies contact:

Kentucky-Ohio Gas Corporation
2560 Hoods Creek Pike
Ashland, KY 41102
(606) 324-3920

Public Water Supply

Service area:

Ashland and Catlettsburg

Company:

City of Ashland Public Services Department
P.O. Box 1839
Ashland, KY 41105-1839

Treatment facilities information:

Source of raw water:

Ohio River

Treatment plant capacity:

12,000,000 gallons per day

Average daily consumption:

9,000,000 gallons

Peak daily consumption:

11,500,000 gallons

Storage capacity:

8,000,000 gallons

Water pressure:

22 psi to 50 psi

Service area:

southern Boyd County

Company:

Big Sandy Water District
18200 Kentucky Route 3
Catlettsburg, KY 41129

Treatment facilities information:

Average daily consumption:

590,000 gallons

Peak daily consumption:

730,000 gallons

Storage capacity:

890,000 gallons

Water pressure:

35 psi to 185 psi

Additional water source (maximum available for purchase):

City of Kenova, WV (600,000 gallons per day); City of Louisa, KY (50,000 gallons per day)

Improvements:

An additional water storage tank is planned at a cost of \$250,000 to be completed in 2000.

Service area:

rural Boyd County

Company:

Cannonsburg Water District
1606 Cannonsburg Road
Ashland, KY 41102
(606) 928-9808

Treatment facilities information:

Average daily consumption:

1,000,000 gallons

Peak daily consumption:

1,200,000 gallons

Storage capacity:

1,500,000 gallons

Water pressure:

40 psi to 150 psi

Additional water source (maximum available for purchase):

City of Ashland (1,200,000 gallons)

Service area:	Bellefonte and Russell
Company information:	City of Russell Water Works P.O. Box 394 Russell, KY 41169 (606) 836-9666
Treatment facilities information:	
Source of raw water:	Ohio River
Well pumping capacity:	1,400 gallons per minute
Treatment plant capacity:	2,000,000 gallons per day
Average daily consumption:	2,000,000 gallons
Peak daily consumption:	2,250,000 gallons
Storage capacity:	2,325,000 gallons
Water pressure:	160 psi
Additional water source (maximum available for purchase):	City of Ashland (22,000,000 per month)
Service area:	Flatwoods
Company information:	City of Flatwoods Public Works 2513 Reed Street Flatwoods, KY 41129 (606) 836-9661
Treatment facilities information:	
Source of raw water:	Ohio River
Average daily consumption:	610,000 gallons
Peak daily consumption:	660,000 gallons
Storage capacity:	766,000 gallons
Water pressure:	55 psi to 65 psi
Service area:	Greenup
Company information:	Greenup Water and Sewer Department 1005 Walnut Street Greenup, KY 41144 (606) 473-7331
Treatment facilities information:	
Source of raw water:	Little Sandy River
Treatment plant capacity:	2,000,000 gallons per day
Average daily consumption:	780,000 gallons
Peak daily consumption:	1,000,000 gallons
Storage capacity:	1,265,000 gallons
Water pressure:	30 psi to 130 psi
Service area:	Raceland
Company information:	City of Raceland 711 Chinn Street Raceland, KY 41169 (606) 836-4522

Treatment facilities information:

Average daily consumption: 130,000 gallons
Peak daily consumption: 260,000 gallons
Storage capacity: 100,000 gallons
Water pressure: 80 psi to 120 psi
Additional water source (maximum available for purchase): City of Russell (250,000 gallons per day); City of Flatwoods (no limit)

Service area:

Company information:

South Shore

South Shore Water Works Company, Inc.
809 Main Street, P.O. Box 485
South Shore, KY 41175
(606) 932-3531

Treatment facilities information:

Source of raw water: 11 Wells
Well pumping capacity: 625 gallons per minute
Treatment plant capacity: 900,000 gallons per day
Average daily consumption: 450,000 gallons
Peak daily consumption: 650,000 gallons
Storage capacity: 530,000 gallons
Water pressure: 40 psi to 76 psi
Additional water source (maximum available for purchase): City of Greenup (300,000 gallons per day)

Service area:

Company information:

Worthington

City of Worthington
512 Ferry, P.O. Box 366
Worthington, KY 41183
(606) 836-6821

Treatment facilities information:

Source of raw water: 3 wells
Well pumping capacity: 246 gallons per minute
Treatment plant capacity: 250,000 gallons per day
Average daily consumption: 134,000 gallons
Peak daily consumption: 180,000 gallons
Storage capacity: 250,000 gallons
Water pressure: 52 psi to 60 psi

Service area:

Company information:

Wurtland

City of Wurtland Water Department
500 Wurtland Avenue
Wurtland, KY 41144
(606) 836-0227

Treatment facilities information:

Average daily consumption: 130,000 gallons
Peak daily consumption: 150,000 gallons
Storage capacity: 250,000 gallons
Water pressure: 57 psi

Raw Water

Surface water sources - Ohio River, Big Sandy River, Little Sandy River, Tygarts Creek

Average discharge - Ohio River at Greenup Dam, Kentucky - 90,570 cfs (26 years, USGS); Little Sandy River at Grayson, Kentucky - 484 cfs (26 years, USGS); Tygarts Creek near Greenup, Kentucky - 308 cfs (55 years, USGS)

Expected ground water yield - 500 to 1,000 gpm along the Ohio River; 50 to 200 gpm in a band from southeastern Boyd County to east central Greenup, Kentucky; 5 to 50 gpm over the remainder of the area

Sewerage

Service area:

Company information:

Ashland

City of Ashland Public Services Department
P.O. Box 1839
Ashland, KY 41105-1839
(606) 327-2007

Design capacity:

Average daily flow:

Type of treatment:

Treated effluent discharged into:

Improvements:

11,000,000 gallons per day

4,500,000 gallons

Secondary

Ohio River

A new sludge press will be completed in 2000.

Service area:

Company information:

Catlettsburg

Catlettsburg Wastewater Plant
P.O. Box 533
Catlettsburg, KY 41129
(606) 739-5145

Design capacity:

Average daily flow:

Type of treatment:

Treated effluent discharged into:

500,000 gallons per day

175,000 gallons

Secondary

Big Sandy River

Service area:

Company information:

Bellefonte, Kenwood, Westwood and portions of Flatwoods and Russell

Sanitation District #1 of Boyd and Greenup Counties
P.O. Box 617
Greenup, KY 41144
(606) 325-0204

Design capacity:

Average daily flow:

Type of treatment:

Treated effluent discharged into:

800,000 gallons per day

680,000 gallons

Secondary

Ohio River

Service area:

Company information:

Flatwoods, Raceland and Russell

Greenup County Environmental Commission
Route 244, P.O. Box 471
Russell, KY 41169
(606) 836-4600

Design capacity: 3,500,000 gallons per day
Average daily flow: 2,000,000 gallons per day
Type of treatment: Secondary
Treated effluent discharged into: Ohio River

Service area: **Greenup**
Company information: Greenup Water and Sewer Department
1005 Walnut Street
Greenup, KY 41144
(606) 473-7331

Design capacity: 220,000 gallons per day
Average daily flow: 170,000 gallons
Type of treatment: Secondary
Treated effluent discharged into: Little Sandy River

Service area: **South Shore**
Company information: City of South Shore
1661 East 2nd Street
South Shore, KY 41175
(606) 932-6144

Design capacity: 390,000 gallons per day
Average daily flow: 150,000 gallons
Type of treatment: Secondary
Treated effluent discharged into: Ohio River

Service area: **Worthington**
Company information: City of Worthington
512 Ferry, P.O. Box 366
Worthington, KY 41183
(606) 836-6821

Design capacity: 200,000 gallons per day
Average daily flow: 110,000 gallons per day
Type of treatment: Primary
Treated effluent discharged into: Ohio River

Service area: **Wurtland**
Company information: City of Wurtland Sewer Department
500 Wurtland Avenue
Wurtland, KY 41144
(606) 836-0227

Design capacity: 1,100,000 gallons per day
Average daily flow: 850,000 gallons
Type of treatment: Secondary
Treated effluent discharged into: Ohio River

CLIMATE

Boyd and Greenup Counties

Temperature

Normal (56-year record)	55.6 degrees
Average annual, 1996	54.4 degrees
Record highest, July 1988 (36-year record)	102 degrees
Record lowest, January 1994 (36-year record)	-21 degrees
Normal heating degree days (30-year record)	4,665
Normal cooling degree days (30-year record)	1,005

Precipitation

Normal (30-year record)	41.49 inches
Mean annual snowfall (30-year record)	25.7 inches
Total precipitation, 1996	50.01 inches
Mean number days precipitation (0.01 inch or more) (30-year record)	139.7
Mean number days thunderstorms (34-year record)	41.3

Prevailing Winds (28-year record)

Southwest

Relative Humidity (30-year record)

1 a.m.	78 percent
7 a.m.	83 percent
1 p.m.	58 percent
7 p.m.	61 percent

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, 1996.
Station of record: Huntington, WV.

LOCAL GOVERNMENT

Structure

Boyd County is governed by a county judge/executive and three county commissioners. Each official is elected to a four-year term. Two incorporated cities are located in Boyd County. The City of Ashland is governed by a mayor and four city commissioners. The mayor is elected to a four-year term, while the city commissioners each serve two-year terms. In addition, the City of Ashland employs a city manager. The City of Catlettsburg is governed by a mayor elected to a four-year term and six council members elected to two-year terms each.

Greenup County is governed by a county judge/executive and three commissioners. Each official is elected to a four-year term. Eight incorporated cities are located in Greenup County. The Cities of Bellefonte, South Shore, and Wurtland are each governed by a mayor and four city commissioners. The Cities of Flatwoods, Greenup, Raceland, Russell, and Worthington are each governed by a mayor and six council members. Each mayor is elected to a four-year term, while both the city commissioners and the council members each serve two-year terms.

Planning and Zoning

City agency - City of Ashland Planning Commission

Zoning enforced - Within city limits

Subdivision regulations enforced - Within city limits

Local codes enforced - Building and housing

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

City agency - Catlettsburg Planning and Zoning Commission

Zoning enforced - Within city limits

Subdivision regulations enforced - Within city limits

Local codes enforced - Building and housing

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

Joint agency - Greenup County Joint Planning Commission

Participating cities - Bellefonte, Flatwoods, Greenup, Russell, and Worthington

Zoning enforced - Each participating area is responsible for developing and enforcing its own zoning regulations

Subdivision regulations enforced - Within city limits of Bellefonte, Flatwoods, Greenup, Russell, and Worthington

Local codes enforced - Housing codes in Bellefonte, Flatwoods, Greenup, Russell, and Worthington

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

Ashland - Occupational earnings tax of 1.5% of the net profits of all businesses and professions from activities conducted within the city or a minimum fee of \$100 per year, whichever is greater.

Catlettsburg - An occupational license tax of 1% of net profits of businesses and the gross salaries or wages of individuals is levied within the city.

Flatwoods - An annual business gross receipts fee with a minimum of \$50 is levied for gross receipts up to \$75,000. For all businesses exceeding \$75,000 in gross receipts, an additional fee generally ranging from \$75 to \$480 is levied. The absolute maximum fee is \$1,250.

Greenup - The City of Greenup levies an unloading fee of \$35 annually.

Raceland - An annual business license fee of \$50 is levied.

Russell - The City of Russell does not levy any annual business license fees.

South Shore - The city charges an annual business license fee of \$50.

Wurtland - The city levies a business license fee of \$25 annually.

Worthington - The City of Worthington does not levy any annual business license fees.

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, 1998</u>	<u>Local Taxation Permitted</u>
Real Estate	\$0.153	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 1998, Kentucky Revenue Cabinet, Department of Property Valuation.

Local Property Tax Rates Per \$100 Valuation, 1998

<u>Taxing Jurisdiction</u>	<u>Real Estate</u>	<u>Finished Goods & Tangibles</u>	<u>Motor Vehicles</u>
<u>County</u>			
Boyd County	0.2803	0.3162	0.2404
Greenup County	0.1857	0.2370	0.1680
<u>Cities</u>			
Ashland	0.5708	0.5708	0.5708
Bellefonte	0.0000	0.0000	0.1316
Catlettsburg	0.3400	0.3400	0.3800
Flatwoods	0.2577	0.0000	0.0000
Greenup	0.2030	0.2030	0.2030
Raceland	0.1600	0.0000	0.0000
Russell	0.3140	0.6240	0.6240
South Shore	0.1900	0.0000	0.2062
Worthington	0.3100	0.3100	0.3100
Wurtland	0.1075	0.1075	0.1075
<u>School Districts</u>			
Ashland Independent	0.5080	0.5120	0.6140
Boyd County	0.3630	0.3630	0.5470
Fairview Independent	0.6970	0.6970	0.6030
Greenup County	0.5510	0.5830	0.4900
Raceland Independent	0.7140	0.7140	0.6580
Russell Independent	0.4870	0.4900	0.5040

Source: Property Tax Rates 1998, Kentucky Revenue Cabinet, Department of Property Valuation.

EDUCATION

Primary and Secondary Schools

Public School District Enrollments and Expenditures, 1999-2000

	<u>Total Enrollment</u>	<u>Expenditures Per Pupil</u>	<u>Pupil to Teacher Ratio</u>
Ashland Independent	3,367	6,500	17.1
Boyd County	3,497	6,100	20.8
Fairview Independent	654	5,297	19.1
Greenup County	3,243	5,564	18.8
Raceland Independent	935	5,731	19.2
Russell Independent	2,130	5,064	18.3

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	1,192	
To College	656	55.0
To Vocational/Technical School	102	8.6
To Workforce	304	25.5
To Work & School	39	3.3
To Military	46	3.9
Other	45	3.8

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

Nonpublic Schools, 1999-2000

	<u>Enrollment</u>	<u>Grades</u>
Bellefonte Montessori Academy	81	K-6
Bellefonte Montessori Academy	81	K-6
Calvary Christian School	40	K-8
Holy Family Elementary	235	PS-8
Rose Hill Christian High School	105	7-12
Rose Hill Christian School	375	PS-6
Seventh Day Adventist Elementary	8	1-8

Source: Kentucky Schools Directory 1999-2000, Kentucky Department of Education.

Colleges and Technical Schools

Area Colleges and Universities Within 60 Miles of Ashland

<u>Miles</u>	<u>Institution</u>	<u>Location</u>	<u>Enrollment Fall 1999</u>
	Ashland Community College	Ashland	2,440
5	Ohio University, Ironton Campus	Ironton, OH	3,189
12	Marshall University	Huntington, WV	14,519
18	Kentucky Christian College	Grayson	575
26	Shawnee State University	Portsmouth, OH	3,613
47	Morehead State University	Morehead	8,200
55	West Virginia State College	Institute, WV	4,794
55	Prestonsburg Community College	Prestonsburg	2,407
Total Enrollment			38,737

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

Source: Kentucky Council on Higher Education.

Ashland Community College

Ashland Community College, a part of the Kentucky Community and Technical College System (KCTCS), offers associate degrees in arts, science and applied science. Students wishing to complete baccalaureate degree programs may transfer to other colleges or universities after completing two years of appropriate course work at Ashland Community College. Transfer students may also earn Associate of Arts or Science degrees. Associate of Applied Science degrees are offered in six areas: Accounting Technology; Business Technology with options in management, banking management, management information systems, real estate and retail marketing; Computer Information Systems with microcomputer and programming options; Engineering Technology with electrical and computer repair options; Nursing; and Office Administration.

The College also offers Business and Industry program services which focus on economic development activities, work place competencies' development, and labor/management relations; non-credit continuing education classes for professional or personal development; and community service activities such as concerts, art exhibits, cultural programs, workshops, lectures and a speaker's bureau. The College recently opened the Learning Resources Center which effectively consolidates several innovative programs of library services, a teleconferencing center, and the academic success program. Master's level courses including engineering and education are now available at the Center.

Morehead State University-Ashland Center

Morehead State University operates an extension campus in Ashland. MSU-Ashland Center offers a variety of education programs for degree and non-degree seeking students. The extension campus, in cooperation with Ashland Community College, confers the same degrees as the Morehead State University main campus. In addition, the Center offers a Masters in Business Administration degree.

Kentucky Technical Schools Within 60 Miles of Ashland

<u>Miles</u>	<u>Institution</u>	<u>Location</u>	<u>Enrollment 1998-99</u>		
			<u>Sec</u>	<u>P/S</u>	<u>Total</u>
	Ashland Technical College	Ashland	0	517	517
	Boyd County High Vocational School	Ashland	492	0	492
4	Russell ATC	Russell	521	0	521
13	Greenup County ATC	Greenup	650	0	650
30	Carter County Vocational School	Olive Hill	167	0	167
38	Foster Mead Vocational Education Center	Vanceburg	307	0	307
41	Martin County ATC	Inez	235	0	235
45	Mayo Technical College	Paintsville	102	661	763
47	Rowan County Technical College	Morehead	117	404	521
51	Morgan County ATC	West Liberty	247	0	247
Total Enrollment			2,838	1,582	4,420

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 Ashland, not road miles.

Source: Kentucky Workforce Development Cabinet, KCTCS.

Customized Training

The KCTCS 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 Community and Economic Development Coordinator at the Ashland Technical College.

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 Boyd and Greenup Counties area is located at the Ashland Technical College.

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 Boyd County, adult basic education and adult literacy classes are administered through the Ashland Adult Learning Center and Ashland Community College.

Articulation

Articulation agreements developed between various colleges and universities and the Kentucky Tech systems allow students to earn credits to be used when matriculating to degree programs at a college or university. Ashland Technical College has articulation agreements with Ashland Community College and Morehead State University.

Tech Prep

Tech Prep is a combined secondary and post-secondary program of studies that leads to an associate degree or diploma in a vocation-technical field. Boyd County Public Schools, in partnership with Ashland Community College, currently offer a tech prep program in Business and Health Technology. Other tech prep programs such as machine tool and welding technology are offered through the Ashland Technical College.

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

Boyd and Greenup Counties

Physicians - 182

Dentists - 60

Hospitals

<u>General Hospital</u>	<u>Location</u>	<u>Beds</u>
King's Daughters' Medical Center Medical staff: 220 physicians 650 registered nurses 110 licensed practical nurses	Ashland	340
Our Lady of Bellefonte Hospital Medical staff: 140 affiliated physicians 243 registered nurses	Russell	194

King's Daughters' Medical Center

A \$9.3 million, 64,000 square-foot addition at the King's Daughters' Medical Center houses a new emergency room, pediatrics wing, behavioral medicine, and surgery and orthopedics wing. A \$1.1 million renovation/construction project for a medical plaza recently opened near the hospital. Also underway: a \$12.9 million two-story addition to house an expanded intensive-care unit, food services department, and power plant; a \$4.4 million upgrade of the surgery department; a \$3.4 million office building behind the hospital; and a \$1.5 million renovation of a donated building to house the business offices, occupational health and environmental medicine, and the physicians' hospital organization. Two new Family Care Centers have also just been completed in Catlettsburg and South Shore at a cost of \$500,000. The Grayson Family Care Center is also operated by the hospitals.

Other Medical Facilities and Services

Ashland Cancer Center

Bellefonte Cancer Center

CareUnit (Bellefonte) - substance abuse facility

Fivco District Health Department

King's Daughters' Family Care Centers in Cattlettsburg, Grayson, and South Shore

Our Lady of Bellefonte Outreach Centers in Grayson, South Shore, and Cannonsburg

Pathways, Inc.

Tri-State Nephrology Associates

Ambulance Center

Twenty-four hour emergency and transfer ambulance service is available in the Boyd and Greenup Counties area.

Banks and Savings & Loan Associations

Ashland Federal Savings and Loan Association
Classic Bank
Community Trust Bank
Fifth Third Bank
First Federal Bank for Savings
First & Peoples Bank & Trust Company
Heritage Bank
Home Federal Savings and Loan Association
Kentucky Bank & Trust Company
Kentucky-Farmers Bank
National City Bank
Peoples Bank FSB
Town Square Bank

Newspapers

The Daily Independent (Ashland)
The Greenup County News-Times (Greenup)
The Greenup County Sun (Greenup)

Telephone Service

General Telephone Company

RECREATION

Boyd County

Public recreation facilities in the Ashland area include: Armco Park which contains a picnic area with shelters; Dawson Park with a swimming pool and playground area; Clyffeside Park which maintains a lighted baseball diamond, basketball court, picnic areas, and a shelter house; Central Park which contains 47 acres with three baseball diamonds, five tennis courts, playgrounds, picnic areas, a concession stand, concert pavilion, croquet court, and prehistoric Indian mounds; and 14 tennis courts (four of which are enclosed for year-round use) at the Ashland Tennis Center. Four public golf courses are located in Boyd County.

Catlettsburg provides many recreational opportunities including a public park, two baseball fields, a football field, a playground, picnic areas, and basketball and tennis courts. Construction of a jogging track is under way.

Privately-owned facilities open to the public include Camden Park, an amusement park near Huntington, West Virginia, nine miles east of Ashland; three bowling facilities with a combined total of 74 lanes; 12 cinemas; two riding academies; a roller rink with a 1,000-person capacity; two tennis centers; and the YMCA with a men's and women's health club, a children's gymnasium, pool, baby pool, concession stand, tennis courts, shuffleboard court, bathhouse, and lockers.

Organized recreation programs are available in most sports such as baseball, basketball, soccer, T-ball, football, and softball through the Ashland Recreation Department. The Recreation Department also sponsors plays in Central Park, puppet shows, special seasonal events, and horseshoe and Frisbee tournaments. Organized baseball teams are available in Catlettsburg as well.

The Summer Motion Festival is now in its twelfth year of providing free, quality entertainment to the community in an alcohol-free and safe environment. The first part of the festival begins in Ashland's Center Park for two days of family entertainment. The park activities are comprised of live entertainment on the bandstand, games for children, magic shows, carnival rides, petting zoo, craft show, medical screenings, various exhibits that change from year to year, and a food court with 10 to 12 vendors. The second part of the festival consists of three days of entertainment at the river front Boat Ramp on the Ohio River in Ashland. The July 4th entertainment includes a spectacular fireworks display, accompanied by a patriotic program prior to the fireworks.

The Paramount Arts Center, listed in the National Register of Historic Places, is a restored historic theater with Art Deco architecture and furnishings. The Center is the site of many popular entertainment events. Subscription series featuring plays, symphony concerts, and ballets, as well as individual events, are available at the Arts Center. Groups may rent the building for conventions and performances. The Arts Center also features an art gallery with changing exhibits.

Located in downtown Ashland, the Kentucky Highlands Museum preserves the cultural and industrial heritage of the area. The museum offers both permanent displays and nationally recognized traveling exhibits. The Ashland Area Art Gallery, also located downtown, opens a new exhibit monthly featuring artists of regional, national, and international acclaim. The Gallery is in the renovated historic 19th-century Grump & Field building.

The Huntington Blizzard is a AA level minor league team of the East Coast Hockey League. They are in their seventh season providing entertainment for the Ashland area.

Winter Wonderland of Lights, a six-week event starting in late November, transforms Central Park and downtown Ashland with over 450,000 lights during the Christmas Season. It has been selected as one of the top 100 events in North America by the American Bus Association.

The AK Steel Sports Park is scheduled to open in May, 2000. King's Daughters Health Foundation has joined AK Steel in a unique collaborative effort to improve the health status and quality of life in the community. AK Steel has provided funds to purchase eleven acres of land in the forty-five hundred block of Blackburn Avenue for a community sports park. Construction has already begun on the park, which will be used by thousands of area children year-round for various sports and fitness activities. The park will include Little League and Babe Ruth baseball fields, a soccer field, walking and running path, play lot, concession stand, rest rooms and an aggressive skate park.

Greenup County

Bellefonte Country Club is located in Greenup County. The country club maintains a swimming pool, an 18-hole golf course, a clubhouse, and two tennis courts. The area also offers "The Oaks," an 18-hole championship golf club subdivision or "Community," with home sites and a club house.

The citizens of Flatwoods are provided an excellent city park, featuring four tennis courts, a multi-purpose court (for basketball, volleyball, shuffleboard, and horseshoes), and a swimming pool with facilities for the handicapped. Picnic tables and grills, playground equipment, restrooms, and a large parking area are available. The local Woman's Club sponsors annual Christmas parades and Miss Teen Pageants.

The City of Greenup has developed a small park on the bank of the Ohio River at Greenup, and a youth center for dances and games. The Greenup Old Fashion Days is an annual festival featuring sidewalk displays and old-fashioned dress. A private swim club is also available in Greenup.

The Greenup County Fair is held annually at the county fairgrounds, which features a tennis court, a baseball diamond, a concert pavilion, and a horse show ring. Little League football, basketball, and baseball are sponsored by community groups.

Small city parks in Raceland and Worthington feature playground equipment, picnic facilities, and offer a variety of recreational opportunities.

The Rotary Club of South Shore has contributed to the development of a community park. The family-oriented park features a shelter house, tennis courts, basketball courts, a baseball field, and a horseshoe pit. Family entertainment and community events are held periodically. A nine-hole golf course is located five miles from South Shore and is available for public use.

Area

Kentucky's state parks are among the finest in the nation, and three of the most scenic lie within a 30-minute drive of Ashland.

Greenbo Lake State Resort Park, which is located 15 miles west of Ashland, covers 3,000 acres of wooded hills that inspired poet and novelist Jesse Stuart, a lifelong resident of nearby W-Hollow. The facility offers 36 rooms, a magnificent fieldstone lodge, dining room, gift shop, several meeting rooms, lodge pool, an exhibit hall, and recreational room. Other facilities and activities at the park include a well-equipped 63-site campground, marina, miniature golf, tennis courts, playgrounds, shuffleboard, planned recreation, fishing, hiking, horseback riding, and picnicking.

River Bend Golf Course, an 18 hole public golf course, is located near Greenbo Lake State Resort Park west of Ashland.

A few miles to the north, the Jesse Stuart Nature Preserve protects 733 acres of the woods and meadows where the writer followed his mule and plow, pausing now and then to scribble one of his more than 2,000 published poems.

Carter Caves State Resort Park, is home to more than 20 caverns most explored, but some not yet charted. There are cabins and a lodge and a challenging nine-hole golf course, one of 14 public links close to Ashland.

Grayson Lake State Park, features majestic sandstone bluffs that form a walled canyon high above the 1,512-acre lake. Explorers can still find flint arrowheads left under the cliffs by the Shawnee and Cherokee.

The area's newest lake, Yatesville, offers 2,300 acres of water for boating and fishing. The top attraction is the outstanding bass and bluegill fishing.

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.

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

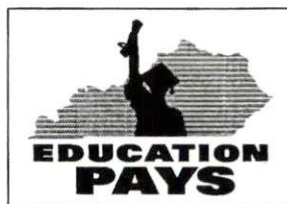
The potential labor supply is an estimate of those persons not classified as in the labor force (not employed and not unemployed), but who want a job. The assumption is that people not in the labor force at the local level would like a job at the same rate as the nation. The U.S. Department of Labor, 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.



Kentucky

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