

3-1999

Industrial Resources: Carter County - Grayson and Olive Hill

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Kentucky

Resources For Economic Development

Grayson & Olive Hill (Carter County)

March 1999

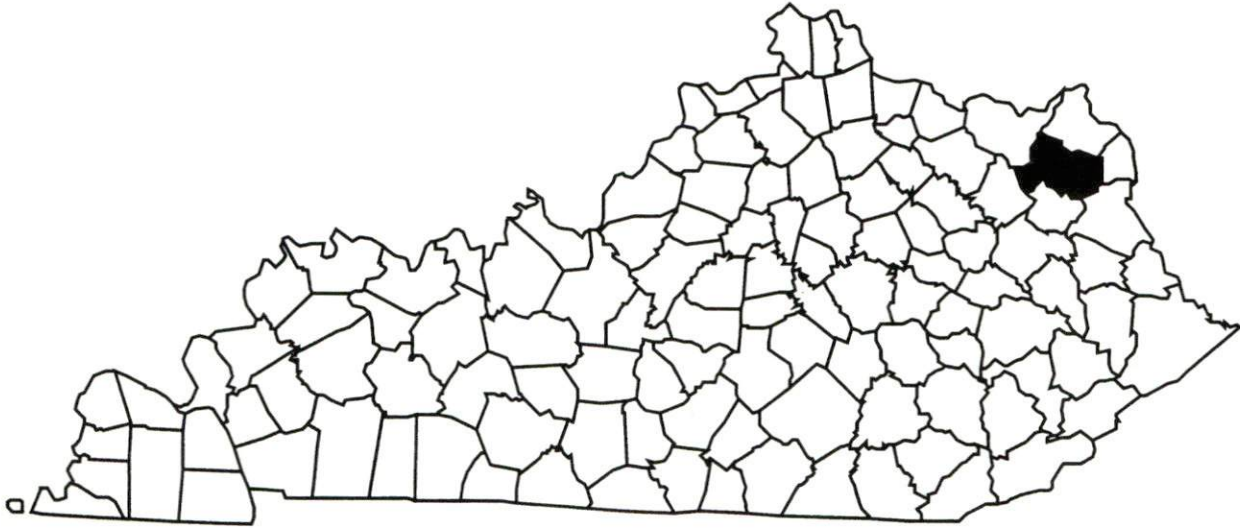
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Kentucky

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March 1999



Prepared by
Kentucky Cabinet for Economic Development
Division of Research
in cooperation with
Grayson Area Chamber of Commerce
and
Olive Hill Industrial Authority

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Cost of printing paid from state funds.

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GRAYSON & OLIVE HILL, KENTUCKY – A RESOURCE PROFILE

Grayson, the county seat of Carter County, had an estimated population of 4,014 in 1996. Olive Hill, located fifteen miles west of Grayson in Carter County, had an estimated 1996 population of 1,902. Grayson is located 167 miles east of Louisville, Kentucky; 118 miles southeast of Cincinnati, Ohio; and 244 miles northeast of Knoxville, Tennessee.

Carter County covers a land area of 411 square miles and had an estimated 1997 population of 26,591 persons.

The Economic Framework – Carter County firms employed 5,550 people in 1997. Contract construction firms provided 211 jobs; mining and quarrying firms in the county employed 89; manufacturing firms in the county reported 1,418 employees; wholesale and retail trade provided 1,617 jobs; 716 were employed in the service industry; and state and local government accounted for 1,166 jobs.

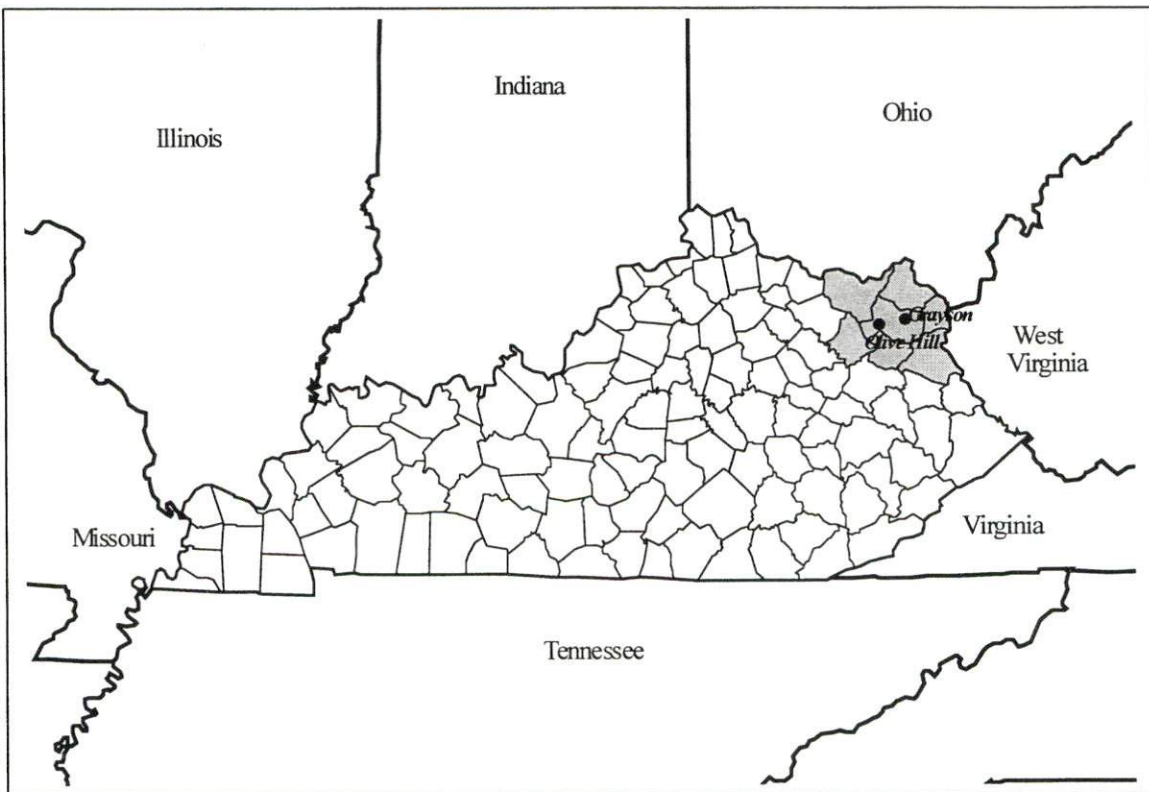
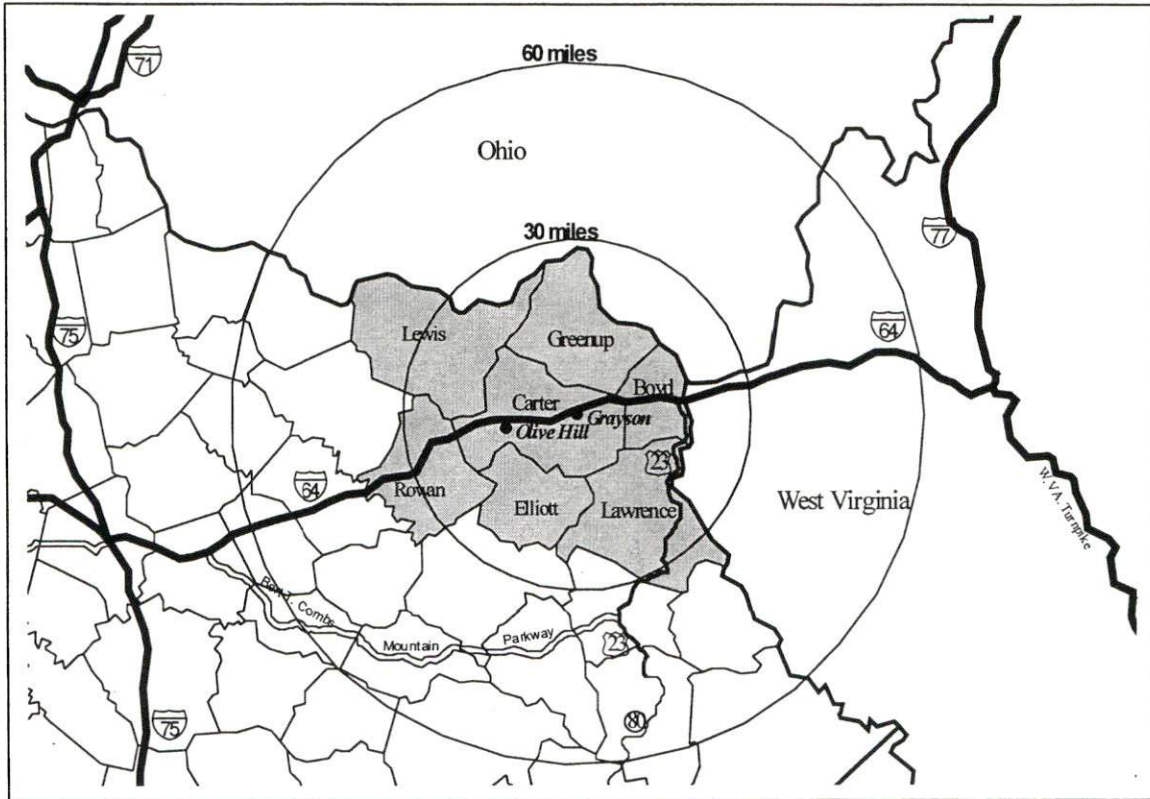
Labor Supply – There is a current estimated labor supply of 29,277 persons available for industrial jobs in the labor market area. In addition, from 1999 to 2003, approximately 12,535 young persons in the labor market area will become 18 years of age and potentially available for industrial jobs.

Transportation – Interstate 64 and U.S. 60, both "AAA"-rated trucking highways and Kentucky Highways 1 and 7 serve Carter County. Also, the AA Highway runs from Grayson to Route 275 in northern Kentucky and is also a "AAA"-rated trucking highway. Fourteen trucking companies provide Carter County with interstate and/or intrastate service. Sellers Field in Olive Hill has a 2,500-foot paved runway. The nearest scheduled commercial airline service is available at the Tri-State Airport in Huntington, West Virginia, 26 miles east of Grayson.

Power and Fuel – Grayson and Carter County are provided electric power by American Electric Power. Electric power is provided to Olive Hill by the Olive Hill Municipal Electric Company, which is supplied by American Electric Power. Also serving portions of Carter County is the Grayson Rural Electric Cooperative Corporation. Grayson is provided natural gas by the City of Grayson Utilities. Olive Hill is provided natural gas by the City of Olive Hill Municipal Gas Company.

Education – The Carter County School System provides primary and secondary education to Grayson and Olive Hill. Kentucky Christian College, located in Grayson, is a four-year institution designed especially for the preparation of men and women who plan to enter specialized church-related vocations. The nearest area technology centers (ATC) providing secondary technical training are Greenup County ATC in Greenup and Russell ATC in Russell. The nearest technical colleges providing postsecondary technical training are Ashland Technical College in Ashland; Rowan County Technical College in Morehead; and Mayo Technical College in Paintsville.

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 Grayson & Olive Hill labor market area includes Carter County and the following additional counties: Boyd, Elliott, Greenup, Lawrence, Lewis, and Rowan.

Population

	<u>1980</u>	<u>1990</u>	<u>1996*</u>	<u>1997*</u>
Labor Market Area	174,328	166,067	170,673	171,144
Grayson	3,423	3,644	4,014	N/A
Olive Hill	2,539	1,809	1,902	N/A
Carter County	25,060	24,340	26,268	26,591

Notes: * - Population estimates. N/A – 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	178,928	187,713	192,077
Carter County	27,706	29,750	31,056

Note: Population projections are from High Growth Series forecast.

Source: University of Louisville, Urban Studies Center, State Data Center.

Estimated Labor Supply

	<u>Available Labor, 1997</u>			<u>Under- employed</u>	<u>Future Labor Becoming 18 years of age 1999 through 2003</u>
	<u>Total</u>	<u>Unemployed</u>	<u>Potential Labor Supply</u>		
Labor Market Area	29,277	6,543	4,029	18,705	12,535
Carter County	4,068	1,364	643	2,061	2,026

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, 1997

	<u>Carter County</u>	<u>Labor Market Area</u>
Civilian Labor Force	11,428	73,710
Employed	10,063	67,167
Unemployed	1,364	6,543
Unemployment Rate (%)	11.9	8.9

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

Work Force Commuting Patterns (1990)

Workers commuting out of Carter County	3,469
Workers commuting into Carter County	925
Working and residing in Carter County	5,023

Source: University of Louisville, State Data Center.

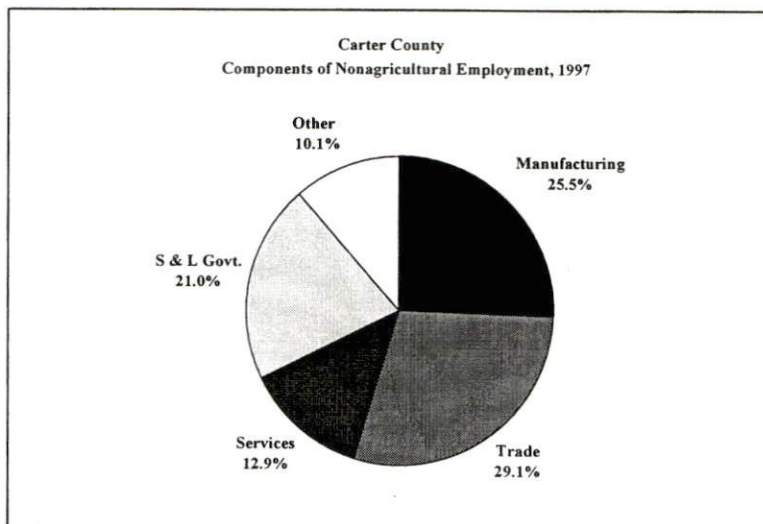
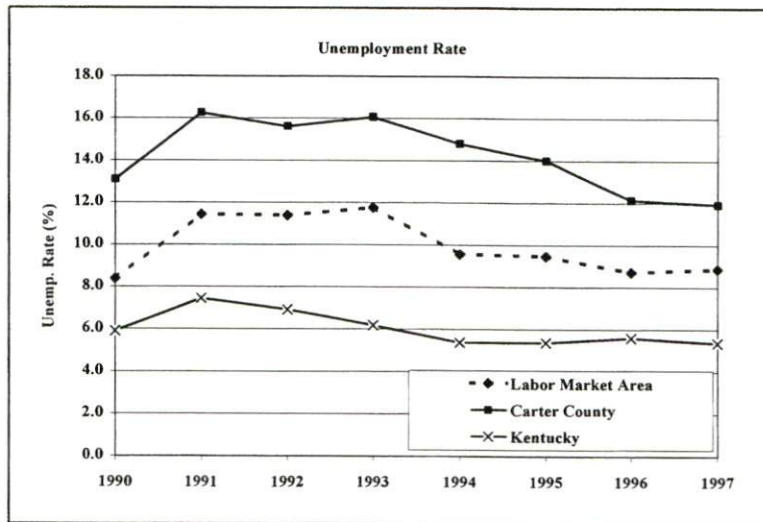
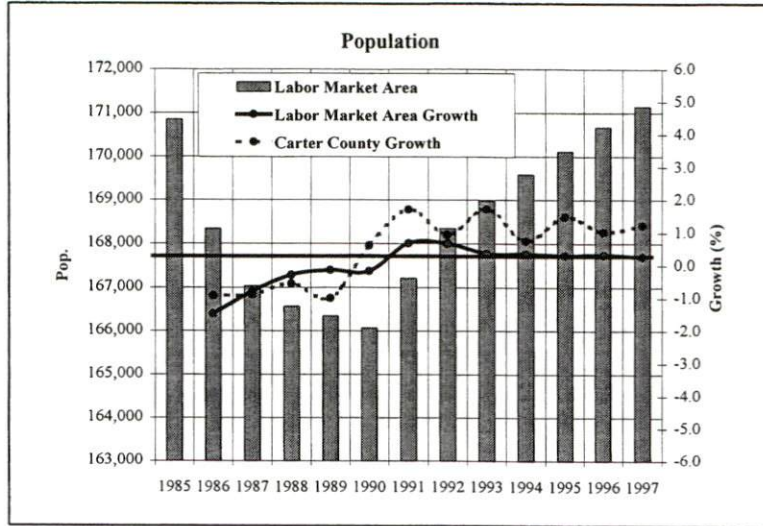
Selected Components of Nonagricultural Employment by Place of Work, 1997

	<u>Carter County</u>	<u>Labor Market Area</u>
All Industries	5,550	54,387
Mining & Quarrying	89	812
Contract Construction	211	2,874
Manufacturing	1,418	9,871
Transportation & Public Utilities	117	2,680
Wholesale & Retail Trade	1,617	14,477
Finance, Insurance, & Real Estate	209	1,789
Services	716	12,350
State & Local Government	1,166	9,223
Other	7	237

Note: Excludes domestic workers, railway workers, certain nonprofit corporations, majority of federal government workers, and self-employed workers.

Source: Kentucky Workforce Development Cabinet, Average Monthly Workers Covered by Kentucky Unemployment Insurance Law, 1997.

Selected Charts



Per Capita Personal Income

	<u>1992</u>	<u>1996</u>	<u>Percent Change (1992-1996)</u>
Carter County	\$12,165	\$13,680	12.5
Labor Market Area Range	\$9,625 - \$18,891	\$9,735 - \$21,186	-
Kentucky	\$16,761	\$19,773	18.0
U. S.	\$20,631	\$24,436	18.4

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 Carter County. 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 which ended on June 30, 1998, the local employment office filled Carter 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	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 and 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>Carter County</u>	<u>Kentucky (Statewide)</u>	<u>Tennessee</u>	<u>Virginia</u>
All Industries	\$315.13	\$488.00	\$521.00	\$555.00
Mining & Quarrying	487.91	790.00	839.00	772.00
Contract Construction	322.15	516.00	561.00	544.00
Manufacturing	278.39	644.00	621.00	644.00
Transportation & Public Utilities	490.12	648.00	653.00	761.00
Wholesale & Retail Trade	242.28	337.00	391.00	392.00
Finance, Insurance, & Real Estate	389.99	613.00	696.00	748.00
Services	302.81	440.00	495.00	580.00
State & Local Government	422.85	484.00	494.00	530.00
	<u>Indiana</u>	<u>Ohio</u>	<u>Illinois</u>	<u>U.S.</u>
All Industries	\$530.00	\$553.00	\$634.00	\$578.00
Mining & Quarrying	849.00	773.00	881.00	961.00
Contract Construction	604.00	619.00	765.00	610.00
Manufacturing	732.00	776.00	792.00	737.00
Transportation & Public Utilities	633.00	669.00	764.00	724.00
Wholesale & Retail Trade	351.00	384.00	452.00	411.00
Finance, Insurance, & Real Estate	624.00	682.00	938.00	863.00
Services	452.00	486.00	575.00	547.00
State & Local Government	510.00	567.00	615.00	576.00

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

Carter County Manufacturing Firms, Their Products and Employment

<u>Firm</u>	<u>Product</u>	<u>1997 Emp.</u>	<u>Date Established</u>
<u>Grahn</u>			
Louisville Fire Brick Works	Fire brick	25	1889
<u>Grayson</u>			
ClearCreek Hardwoods, Inc.	Hardwood & softwood lumber	26	1988
Cook Family Foods Ltd.	Meat processing & smoked pork products	600	1991
Davis Lumber	Rough lumber, sawing & planing	4	1974
Grayson Journal Enquirer	Newspaper publishing, offset & laser printing & computerized typesetting	4	N/A
Knight Graphic Arts	Offset printing; computer typesetting; desktop publishing; plastic, perfect, saddle stitch, staple & glue binding	1	N/A
Mullins Pallets	Wooden pallets & skids	30	1993
S & S Ready Mix, Inc.	Ready-mixed concrete	4	1991
Spea-Dee Print Shop	Offset printing, computer typesetting, desktop publishing & spiral plastic binding	2	1986
<u>Olive Hill</u>			
Ashland Sales & Service Co.	Men's & women's jackets	150	1968
Carter Industries, Inc.	Men's uniforms & military clothing	190	1996
Consolidated Technology Corp.	Heat pumps	40	1988
Globe Hardwood, Inc.	Kiln dried hardwood lumber & moldings	28	1987
Messer Clay Co., Inc.	Clay	4	1977
Olive Hill Finishing Co.	Greeting cards	40	1975
Ray's Starter Service, Inc.	Automotive starter & alternator rebuilding	1	N/A
Rayburn Lumber Co., Inc.	Sawmill: hardwood & softwood lumber	13	N/A
Reynolds Lumber Co.	Rough cut green lumber	6	1990
<u>Willard</u>			
Willard Milling, Inc.	Livestock & pet food mixing & blending	21	1986

Sources: Kentucky Directory of Manufacturers published by Harris InfoSource in cooperation with the Kentucky Cabinet for Economic Development, Division of Research; Grayson Area Chamber of Commerce.

Labor Organizations in Carter County

United Steelworkers of America, AFL-CIO, CLC
 Aluminum, Brick and Glass Workers International Union, AFL-CIO

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

Selected Industrial Services – Within 50 Miles of Grayson

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
	Grayson				X					
17	Wurtland	X								
20	Ashland				X	X			X	
30	Morehead		X		X	X				
42	Prestonsburg								X	
48	Allen								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 64, U.S. 60, and Kentucky Highway 7, south of Grayson, are "AAA"-rated (80,000-pound gross load limit) trucking highways serving Carter County. Kentucky Highway 7, north of Grayson and Kentucky 1, are "AA"-rated (62,000-pound gross load limit) trucking highways also serving Carter County.

Three interchanges of Interstate 64, a major east-west corridor, are located in Carter County. One is located at Grayson and the other two at Olive Hill.

A spur of the John Y. Brown AA Highway (Kentucky Highways 9 and 10) connects with Kentucky Highway 1 and 7, just north of the Interstate 64 interchange which decreases the mileage to Northern Kentucky from Carter County.

Highway Miles from Grayson, Kentucky to Selected Market Centers

<u>City</u>	<u>Highway Miles</u>	<u>City</u>	<u>Highway Miles</u>
Atlanta, GA	453	Kansas City, MO	677
Baltimore, MD	441	Knoxville, TN	244
Birmingham, AL	498	Los Angeles, CA	2,254
Charleston, WV	78	Louisville, KY	167
Chicago, IL	411	Minneapolis, MN	822
Cincinnati, OH	118	Nashville, TN	308
Cleveland, OH	279	New Orleans, LA	842
Columbia, SC	434	New York, NY	609
Columbus, OH	135	Pittsburgh, PA	305
Dallas, TX	971	Raleigh, NC	399
Des Moines, IA	707	Richmond, VA	395
Detroit, MI	328	St. Louis, MO	433
Indianapolis, IN	230	Tallahassee, FL	725

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

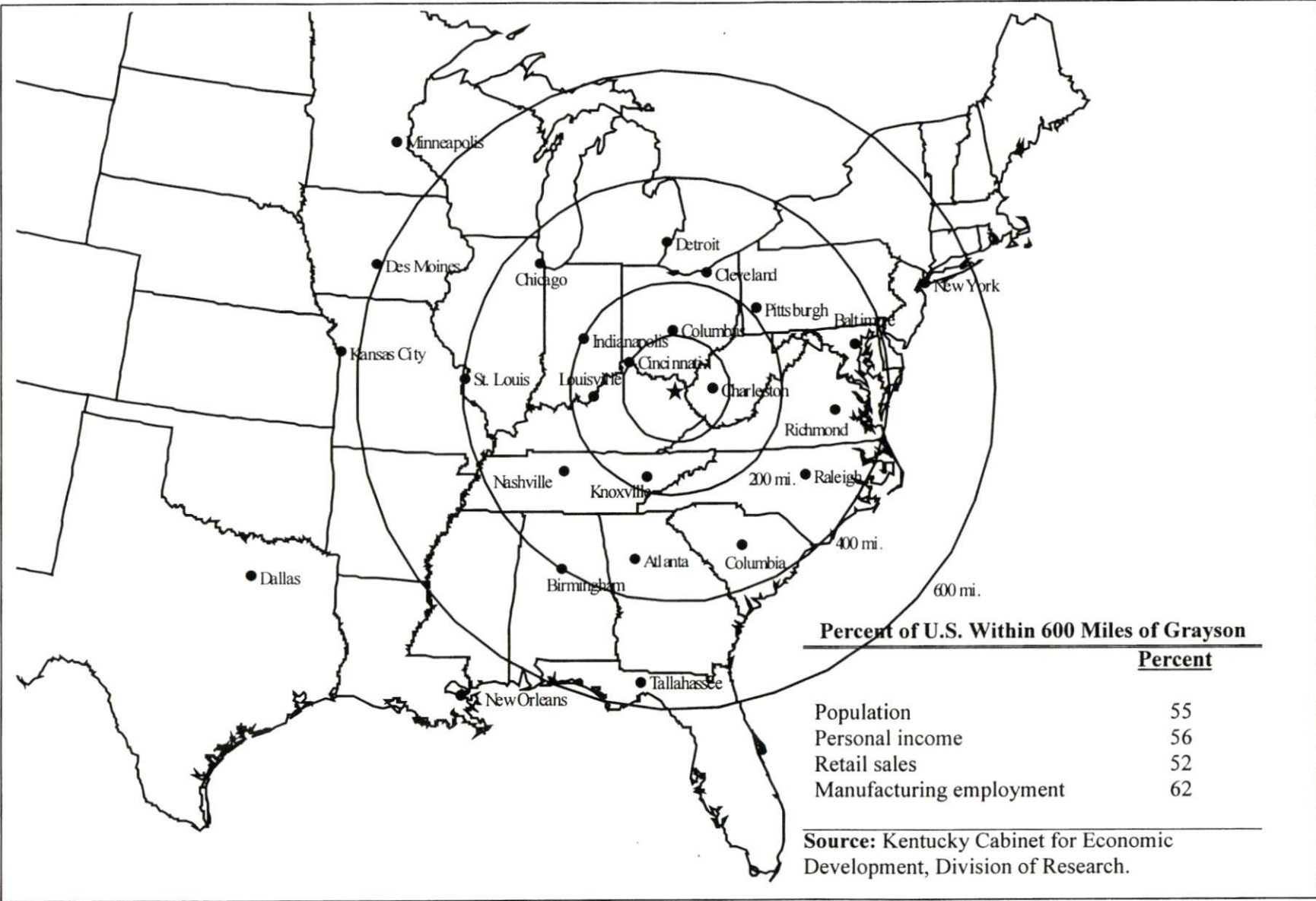
Source: AAA Map 'n' Go, DeLORME, 1998.

Truck Service

Fourteen trucking companies provide interstate and/or intrastate trucking service to Grayson; eleven trucking companies provide interstate and/or intrastate service to Olive Hill.

Source: American Motor Carrier Directory, Spring, 1999.

Selected Market Centers Map



Rail

Grayson and Olive Hill are not directly served by rail. The nearest rail service is provided by CSX Transportation at Ashland, 23 miles northeast of Grayson.

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

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

Air

Local

Location: Sellers Field
Olive Hill, Kentucky
Runway Length: 2,500 (asphalt)

Commercial

Location: Tri-State Airport
Huntington, West Virginia
26 miles east of Grayson
Air Service: C.C. Air, Comair, US Airways Express
Daily Arrivals & Departures: 44

Location: Blue Grass Airport
Lexington, Kentucky
96 miles west of Grayson
Air Service: ASA, Comair, Continental Express, Delta, Northwest Airlinck, TW
Express, United Express, US Airways
Daily Arrivals & Departures: 192

International

Location: Cincinnati/Northern Kentucky International Airport
Covington, Kentucky
118 miles northwest of Grayson
Air Service: Air Trans, American, American Eagle, Comair, Continental,
Continental Express, Delta, Northwest, Northwest Airlinck, Skyway,
Sunworld, SwissAir, TWA, United, US Airways, US Airways Express
Daily Arrivals & Departures: 1,060

Water

Located 23 miles northeast of Grayson and 38 miles northeast of Olive Hill is the Ohio River at Ashland, where a nine-foot navigation channel is maintained. Several bulk commodity terminal facilities offer transloading services to public customers in the Ashland-Cattlettsburg area.

UTILITIES

Electricity

Service Area: **Grayson and sections of eastern and western Carter County**
Company: American Electric Power
Source of Power: American Electric Power
For industrial rates contact:

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

Service Area: **Olive Hill**
Company: Olive Hill Municipal Electric Company
Source of Power: American Electric Power
For industrial rates contact:

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

and/or

Olive Hill Municipal Electric Company
P.O. Box 460
Olive Hill, KY 41164
(606) 286-2192

Service Area: **central Carter County**
Company: Grayson Rural Electric Cooperative Corporation
Source of Power: East Kentucky Power Cooperative
For industrial rates contact:

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

and/or

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

Natural Gas

Service Area: **Grayson**
Company: City of Grayson Utilities
Source of Supply: Pendulum Energy Services Company
For rates and supplies contact:

City of Grayson Utilities
302 East Main Street
Grayson, KY 41143
(606) 474-6651

Service Area: **Olive Hill**
Company: City of Olive Hill Municipal Gas Company
Source of Supply: Tennessee Gas Pipeline Company
For rates and supplies contact:

City of Olive Hill Municipal Gas Company
P.O. Box 460
Olive Hill, KY 41164
(606) 286-2192

Public Water Supply

Service Area: **Grayson**
Company: City of Grayson Utilities
505 River Road
Grayson, KY 41143
(606) 474-7519

Treatment facilities information:
Source of raw water: Little Sandy River
Treatment plant capacity: 1,900,000 gallons per day
Average daily consumption: 1,600,000 gallons
Peak daily consumption: 1,700,000 gallons
Storage capacity: 2,210,000 gallons
Water pressure: 30 psi to 110 psi

Service Area: **Olive Hill**
Company: City of Olive Hill
P.O. Box 460
Olive Hill, KY 41164
(606) 286-5532

Treatment facilities information:
Source of raw water: Tygarts Creek
Treatment plant capacity: 1,300,000 gallons per day
Source of supply of treated water: Rowan County Water, Inc.
Amount that can be purchased: 1,500,000 gallons per month
Average daily consumption: 750,000 gallons
Peak daily consumption: 900,000 gallons
Storage capacity: 1,208,000 gallons
Water pressure: 40 psi to 140 psi

Sewerage

Service Area:

Grayson

Company:

City of Grayson Utilities
505 River Road
Grayson, KY 41143
(606) 474-7569

Design capacity:

966,000 gallons per day

Average daily flow:

573,000 gallons per day

Type of treatment:

Primary

Treated effluent discharged into:

Little Sandy River

Improvements:

A sewer line extension and plant update are currently underway and should be completed in early 1999 at an estimated cost of \$3.5 million.

Service Area:

Olive Hill

Company:

City of Olive Hill
Roger Patton Drive
Olive Hill, KY 41164
606-286-5532

Design capacity:

350,000 gallons per day

Average daily flow:

200,000 gallons per day

Type of treatment:

Tertiary

Treated effluent discharged into:

Tygarts Creek

CLIMATE

Carter County

Temperature

Average (56-year record)	55.60 degrees
Average annual 1996	54.40 degrees
Record highest, July 1988 (36-year record)	102.00 degrees
Record lowest, January 1994 (36-year record)	-21.00 degrees
Normal heating degree days (30-year record)	4,665
Normal cooling degree days (30-year record)	1,005

Precipitation

Normal total (30-year record)	41.49 inches
Normal annual snowfall (30-year record)	25.70 inches
Total precipitation 1996	50.01 inches
Normal number days precipitation (.01 inch or more) (30-year record)	139.70
Mean number days thunderstorms (34-year record)	41.30

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

Note: 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, West Virginia.

LOCAL GOVERNMENT

Structure

Grayson's local government structure consists of a mayor and six council members. Olive Hill is served by a mayor and six council members. Both mayors serve a four-year term while the council members serve two-year terms. Carter County is served by a county judge/executive and five magistrates. The judge/executive and magistrates are elected to serve four-year terms.

Planning and Zoning

At the present time, there are no active planning and zoning commissions in Olive Hill. The Grayson Planning Commission is in the process of being development.

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 City of Grayson levies a business license fee of .025 percent of the gross receipts of all businesses and professions from activities conducted within the city.

Unloading licenses are \$100 per year within the city of Grayson and \$150 per year within the city of Olive Hill.

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>
Carter County	\$0.2030	\$0.2127	\$0.2110
<u>Cities</u>			
Grayson	0.1512	0.1512	0.1768
Olive Hill	0.2400	0.2400	0.0000
<u>School Districts</u>			
Carter County School District	0.3910	0.3910	0.4700

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

EDUCATION

Primary and Secondary Schools

Public School District Enrollments and Expenditures, 1996-1997

	<u>Total Enrollment</u>	<u>Expenditures Per Pupil</u>	<u>Pupil to Teacher Ratio</u>
Carter County	4,999	\$5,855	16.2 to 1

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

Transition to Adult Life of High School Graduates, 1996-1997

<u>County-wide</u>	<u>Number of Graduates</u>	<u>Percent of Total Graduates (%)</u>
Total High School Graduates	286	100.0
To College	140	49.0
To Vocational/Technical School	23	8.0
To Workforce	66	23.1
To Work & School	12	4.2
To Military	10	3.5
Other	35	12.2

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

Colleges and Technical Schools

Area Colleges and Universities Within 60 Miles of Grayson

<u>Miles</u>	<u>Institution</u>	<u>Location</u>	<u>Enrollment (Fall 1997)</u>
	Kentucky Christian College	Grayson, KY	547
20	Ashland Community College	Ashland, KY	2,271
22	Ohio University, Ironton Campus	Ironton, OH	2,368
24	Shawnee State University	Portsmouth, OH	3,505
30	Morehead State University	Morehead, KY	8,208
33	Marshall University	Huntington, WV	11,066
42	Prestonsburg Community College	Prestonsburg, KY	2,573
51	Maysville Community College	Maysville, KY	1,294
57	Pikeville College	Pikeville, KY	830
59	Alice Lloyd College	Pippa Passes, KY	501

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

Source: Kentucky Council on Higher Education.

Kentucky Christian College

Founded in 1919, Kentucky Christian College is a private institution dedicated to the education of Christian leaders for a variety of professions. The College provides an academic community in which Christian character and spiritual values accompany the tasks and opportunities of scholarship. Degrees are offered in business, education, ministry, music, psychology and social work.

Kentucky Christian College is accredited through the Southern Association of Colleges and Schools as well as the American Association of Bible Colleges. Campus housing is provided through six air-conditioned dormitories and three married student apartment complexes. On-campus daycare is also provided. Financial aid is available through scholarships as well as state and federal programs.

Technical Schools

<u>Miles</u>	<u>Institution</u>	<u>Location</u>	<u>Enrollment (1997-1998)</u>		
			<u>Sec</u>	<u>P/S</u>	<u>Total</u>
17	Greenup County ATC	Greenup, KY	620	0	620
20	Russell ATC	Russell, KY	470	0	470
20	Ashland Technical College	Ashland, KY	0	670	670
30	Rowan County Technical College	Morehead, KY	99	417	516
33	Mayo Technical College	Paintsville, KY	95	861	956
38	Martin County ATC	Inez, KY	245	0	245
48	Floyd County ATC (GARTH)	Martin, KY	222	0	222
51	Mason County ATC	Maysville, KY	185	33	218
52	Breathitt County ATC	Jackson, KY	376	19	395
58	Pike County ATC (Millard)	Millard, KY	143	0	143
59	Montgomery County ATC	Mount Sterling, KY	692	0	692
60	Pike County ATC (Belfry)	Belfry, KY	443	0	443

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 Grayson, 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 Ashland Technical College 606-928-4256.

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 Grayson & Olive Hill

area is located at the Ashland Technical College located at Ashland and the Rowan County Technical College located in Morehead.

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 Grayson & Olive Hill area, adult basic education and adult literacy classes are administered through the Olive Hill Adult Learning Center and adult basic education is offered at the East Carter County Adult Education Center in Grayson.

Tech Prep is a combined secondary and postsecondary program of studies that leads to an associate degree or diploma in a vocational-technical field. Carter County Public Schools, in partnership with Ashland Community College, currently offer a tech prep program in Business and Health Technology.

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.

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

Physicians - 7
Dentists - 10

Hospitals

<u>General Hospital</u>	<u>Location (Mileage from Grayson)</u>	<u>Beds</u>
King's Daughters' Medical Center	Ashland (23)	340
Our Lady of Bellefonte Hospital	Ashland (23)	194
St. Claire Medical Center	Morehead (34)	159

King's Daughters' Medical Center
Medical staff - 154 active physicians; 500 registered nurses and licensed practical nurses

Our Lady of Bellefonte Hospital
Medical staff - 130 affiliated physicians; 244 registered nurses; 66 licensed practical nurses

St. Claire Medical Center
Medical staff - 56 active physicians; 16 associate physicians; 16 consultant physicians; 9 courtesy physicians; 164 registered nurses; 35 licensed practical nurses

Other Medical Facilities and Services

Grayson

Carter County Health Services
Grayson Family Care Center
Grayson Physical Therapy Center
Home Health Service (branch of King's Daughters')
King's Daughters' Family Care Center
Little Sandy District Health Department
Our Lady of Bellefonte Outreach Center
Pathways, Inc.

Olive Hill

Carter County Clinic – St. Clarie Medical Center
Carter County Health Services
St. Claire Medical Center Home Health
St. Claire Home Care & Hospice Services

Banks and Savings & Loan Associations

Citizens Bank
The Commercial Bank of Grayson
First National Bank of Grayson
Peoples Bank

Newspapers

Grayson - Grayson Journal-Enquirer (weekly)
Olive Hill - Olive Hill Times (weekly)

Telephone Service

GTE South, Inc.
The enhanced version of the "911" emergency dispatch communication system was completed in 1996.

RECREATION

Recreational facilities in Grayson include a bowling center, swimming pool and bathhouse, tennis courts, ball fields, playgrounds, and picnic areas.

Recreational facilities in Olive Hill's park include a swimming pool, a playground, and a picnic area with a shelter house. The Carter County Shrine Club Park, also at Olive Hill, contains a ball field and a horse park with stables.

Carter Caves State Resort Park, eight miles north of Olive Hill and only five miles north of Interstate 64, provides a restful atmosphere with its mountain wildflowers, a rippling stream, the underground wonders of more than 20 caverns, a 28-room lodge, restaurant, and gift shop. Recreational facilities offer something for the whole family, including planned recreation, playgrounds, two swimming pools (one olympic-size), tennis courts, shuffleboard, a nine-hole golf course, miniature golf, boating, canoe trips, fishing, hiking, horseback riding, picnicking, cave tours, and a woodland amphitheater. The Fields meeting facility seats up to 350 persons and is ideal for meetings, conferences, retreats, class and family reunions, dances, weddings, banquets, etc. The facility also offers teleconference capability.

Grayson Lake State Park is located eight miles south of Grayson. Facilities available include 71 campsites, a playground, beach, boat launch area, picnic area, shelter, and a service building. Good fishing and organized recreational programs are available during the summer. The park is located within the 7,350-acre Grayson Lake Wildlife Area.

Greenbo Lake State Resort Park, which is located 16 miles north of Grayson near Ashland, has a magnificent fieldstone lodge. The facility offers 36 rooms, a dining room, gift shop, meeting room, lodge pool, and a recreation room. Other facilities and activities at the park include a well-equipped campground, picnic shelter, a marina, miniature golf, tennis courts, playgrounds, shuffleboard, planned recreation, fishing, hiking, horseback riding, and picnicking.

The Daniel Boone National Forest, approximately 14 miles west of Olive Hill, covers 640,000 acres of timberland in eastern Kentucky. It encompasses much of Kentucky's great beauty and provides a vacation paradise. There are scenic hiking trails, rivers and streams stocked with a variety of fish, hunting preserves, camping sites, and numerous other natural and historical attractions.

Cave Run Lake, constructed by the U.S. Army Corps of Engineers, is located 29 miles southwest of Olive Hill within the 640,000-acre Daniel Boone National Forest. The lake area offers everything for the camper, the boatsman, the hunter, the fisherman, and "the lover of leisure".

APPENDIX - 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 Example – Logan County

<u>Adjacent to Logan</u>	<u>Commuter County</u>	<u>Commuters into Logan</u>	<u>Percent of Total Commuters</u>	<u>Cumulative Percent</u>
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

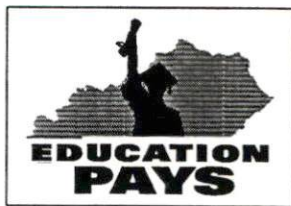
The potential labor supply is an estimate of those persons not classified as in the labor force (not employed and not unemployed), but who want a job. The assumption is that people not in the labor force at the local level would like a job at the same rate as the nation. The U.S. Department of Labor,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

Cabinet For Economic Development

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