

7-1998

Industrial Resources: Calloway County - Murray

Kentucky Library Research Collections
Western Kentucky University, spcol@wku.edu

Follow this and additional works at: https://digitalcommons.wku.edu/calloway_cty

 Part of the [Business Administration, Management, and Operations Commons](#), [Growth and Development Commons](#), and the [Infrastructure Commons](#)

Recommended Citation

Kentucky Library Research Collections, "Industrial Resources: Calloway County - Murray" (1998). *Calloway County*. Paper 1.
https://digitalcommons.wku.edu/calloway_cty/1

This Report is brought to you for free and open access by TopSCHOLAR®. It has been accepted for inclusion in Calloway County by an authorized administrator of TopSCHOLAR®. For more information, please contact topscholar@wku.edu.

Kentucky

Resources For Economic Development

Murray (Calloway County)

July 1998

Albany
Barbourville
Ballard County
Bardstown • Boonville
Berea
Bowling Green • Boyd & Greenup Counties
Bracken County • Brandenburg • Breckinridge
Brownsville • Bullitt County • Burkesville • Cadiz
Cammellsville • Campton • Carlisle • Carlisle County
Carrollton • Cave City • Clinton • Columbia • Corbin • Cynthiana
Danville • Dawson Springs • Edmonton • Elizabethtown • Estill County
Elliott County • Falmouth & Butler • Flemingsburg • Frankfort • Franklin
Frenchburg • Fulton County • Gallatin County • Georgetown • Grant County • Greensburg
Grayson & Olive Hill • Glasgow • Hancock County • Harlan County • Harrodsburg • Hart County
Hazard • Henderson • Henry County • Hodgenville • Hopkinsville-Christian County • Jackson County
Jackson • Knott County • LaGrange & Buckner • Lancaster • Lawrenceburg • Lebanon • Leitchfield-
Grayson County • Letcher County • Lexington • Liberty-Casey County • Logan County • Louisville
London • Louisa • Lyon County • Madisonville & Earlington • Manchester • Marshall County • Mayfield
Maysville • McCreary County • Marion • McLean County • Middlesboro & Pineville • Monticello • Morehead
Morgantown • Mt. Sterling • Mt. Vernon • Muhlenberg County • Murray • Nicholasville • Northern Kentucky
Ohio County • Owensboro • Owenton • Owingsville • Paducah • Paintsville • Paris • Pike County • Powell
Prestonsburg • Princeton • Radcliff • Richmond • Russell County • Scottsville • Shelbyville • Somerset
Springfield • Stamping Ground • Stanford-Lincoln County • Tompkinsville & Gamaliel • Taylorsville
Todd County • Union County • Vanceburg • Versailles • Webster County • West Liberty • Williamsburg
Winchester, Kentucky

Kentucky

Resources For Economic Development

Murray (Calloway County)

July 1998



Prepared by
The Kentucky Cabinet for Economic Development
Division of Research
in cooperation with
Murray-Calloway County Chamber of Commerce
Mary Rawlings, Research; Wanda Sharp, Clerical

Cost of printing paid from state funds

TABLE OF CONTENTS

MURRAY, KENTUCKY - A RESOURCE PROFILE.....	1
LABOR MARKET STATISTICS.....	2
Labor Market Area Maps.....	2
Population.....	3
Population Projections.....	3
Estimated Labor Supply.....	3
Labor Force Characteristics of Residents, 1997.....	4
Work Force Commuting Patterns.....	4
Selected Components of Nonagricultural Employment, by Place of Work, 1996.....	4
Selected Charts.....	5
Per Capita Personal Income.....	6
Average Placement Wages.....	6
Average Weekly Wages by Industry, by Place of Work, 1996.....	7
EXISTING INDUSTRY.....	8
Murray Manufacturing Firms, Their Products and Employment.....	8
Recent Industrial Developments.....	9
Major Supportive/Service Employers.....	9
Labor Organizations in Manufacturing Firms.....	9
Selected Industrial Services.....	9
TRANSPORTATION.....	10
Highways.....	10
Truck Service.....	10
Selected Market Centers Map.....	11
Rail.....	12
Air.....	12
Water.....	13
UTILITIES.....	14
Electricity.....	14
Natural Gas.....	14
Public Water Supply.....	15
Raw Water.....	15
Sewerage.....	15
CLIMATE.....	16
LOCAL GOVERNMENT.....	17
Structure.....	17
Planning and Zoning.....	17
Local Fees and Licenses.....	17
Property Taxes.....	17
State and Local Property Taxes.....	18

EDUCATION.....	19
Public Schools.....	19
Nonpublic Schools.....	19
Area Colleges and Universities.....	19
Murray State University.....	20
Vocational-Technical Training.....	21
OTHER LOCAL FACILITIES.....	22
Local Medical Personnel.....	22
Hospitals.....	22
Other Medical Facilities and Services.....	22
Banks and Savings & Loan Associations.....	22
Newspapers.....	22
Telephone Service.....	22
Radio and Television Stations.....	22
RECREATION.....	23
APPENDIX.....	A-1

MURRAY, KENTUCKY - A RESOURCE PROFILE

Murray, home of Murray State University, is located in extreme southwestern Kentucky. Murray, with an estimated 1996 population of 15,316, is the county seat of Calloway County. Murray's location places the city 119 miles northwest of Nashville, Tennessee; 227 miles southwest of Louisville, Kentucky; and 219 miles southeast of St. Louis, Missouri.

Calloway County covers 386 square miles of gently rolling plains in Kentucky's Jackson Purchase Region. Kentucky Lake marks the eastern boundary of the county and Tennessee forms the southern boundary. The estimated 1997 population of Calloway County was 33,072.

Agriculture and ag-related industry are the largest components of the economy in Calloway County. The county ranks eighth in the state in total crop production dollars. Calloway County ranks first in dark-fired tobacco production, fifth in bushels of wheat produced, eleventh in corn, and fifteenth in soybeans.

The Economic Framework - Calloway County firms employed 14,971 persons in 1996. Manufacturing firms in the county reported 3,070 employees; wholesale and retail trade provided 4,206 jobs; 1,765 people were employed in service occupations; state and local government accounted for 3,667 employees; and contract construction firms provided 785 jobs.

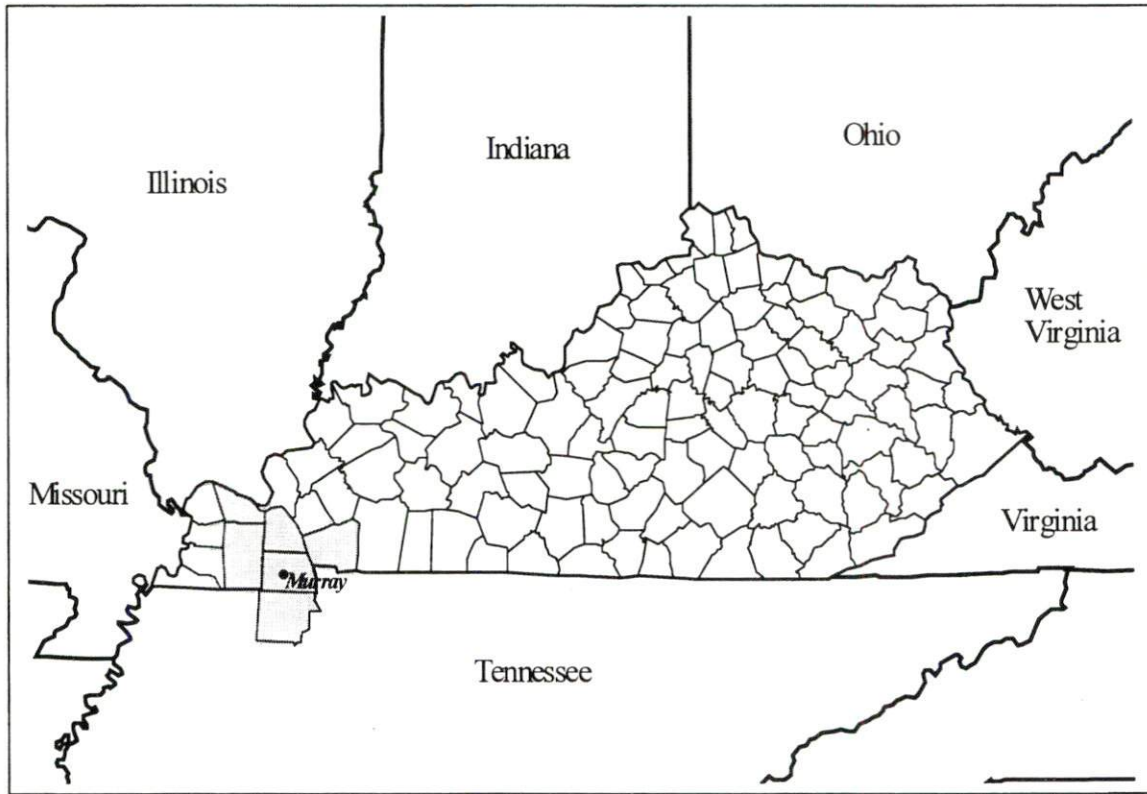
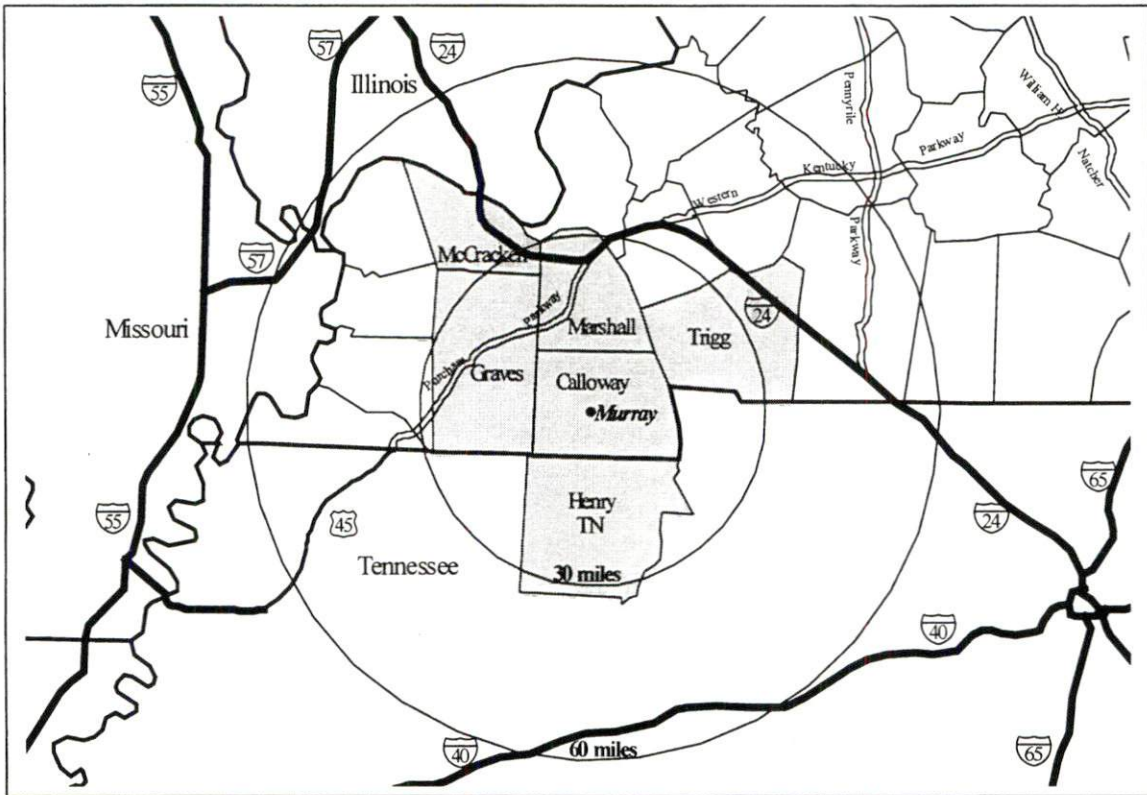
Labor Supply - There is a current estimated labor supply of 41,830 persons available for industrial jobs in the labor market area. In addition, from 1999 through 2003, approximately 13,205 young persons in the area will become 18 years of age and potentially available for industrial jobs.

Transportation - Primary highways serving Murray are U.S. Highway 641, and Kentucky Highways 94 and 121, all AAA-rated (80,000-pound gross load limit) trucking highways. The Purchase Parkway is accessible 18 miles north of Murray via U.S. 641. Interstate 24, a major east-west highway, is 26 miles north of Murray via U.S. 641 and the Purchase Parkway. Twenty-one common carrier trucking companies provide interstate and/or intrastate service to Murray. Rail service is provided to Murray by the K.W.T. Railroad and the Hardin/Southern Railroad. The Murray-Calloway County Airport, five miles northwest of the city, has a 5,000-foot paved runway. The nearest scheduled commercial airline service is available at Barkley Regional Airport near Paducah, 57 miles northwest of Murray. The Nashville International Airport is 127 miles southeast of Murray.

Power and Fuel - The Murray Electric System provides electric service to Murray. West Kentucky Rural Electric Cooperative Corporation serves Calloway County. The source of supply by both distributors is Tennessee Valley Authority. Murray Natural Gas System provides natural gas to the city. The source of supply is Texas Gas Resources Corporation.

Education - Two public school systems serve Calloway County. The Murray Independent School System and the Calloway County School System are each accredited by the Southern Association of Colleges and Schools. Murray State University is a state-supported institution of higher education offering undergraduate, graduate, and professional programs in the field of business and public affairs, creative expression, environmental sciences, human development and learning, humanistic studies, and industrial technology. Vocational-technical education is available at the Murray Area Technology Center, Paducah Area Technology Center, and at the West Kentucky Technical College in Paducah, 48 miles northwest of Murray.

Labor Market Area Maps



Note: For detailed topographical and general highway maps call Maps and Publications at 502-564-4715.
For industrial site maps call Site Evaluation at 502-564-7140.

LABOR MARKET STATISTICS

The Murray labor market area includes Calloway County and the following additional counties: Graves; McCracken; Marshall; Trigg; and Henry, TN.

Population

	<u>1980</u>	<u>1990</u>	<u>1996*</u>	<u>1997*</u>
Labor Market Area	189,067	192,618	203,791	205,006
Murray	14,248	14,442	15,316	N/A
Calloway County	30,031	30,735	32,551	33,072

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	209,122	217,177	223,030
Calloway County	33,789	35,358	36,664

Note: Population projections are from High Growth Series forecast.

Source: University of Louisville, Urban Studies Center, State Data Center. Projections for out-of-state labor market counties estimated by the Kentucky Cabinet for Economic Development.

Estimated Labor Supply

	<u>Available Labor, 1997</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 1999 through 2003</u>
Labor Market Area	41,830	6,170	4,111	31,549	13,205
Calloway County	6,283	881	501	4,901	1,725

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>Calloway County</u>	<u>Labor Market Area</u>
Civilian Labor Force	17,089	102,493
Employed	16,208	96,327
Unemployed	881	6,170
Unemployment Rate	5.2	6.0

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

Work Force Commuting Patterns (1990)

Workers commuting out of Calloway County	1,859
Workers commuting into Calloway County	2,014
Working and residing in Calloway County	11,617

Source: University of Louisville, State Data Center.

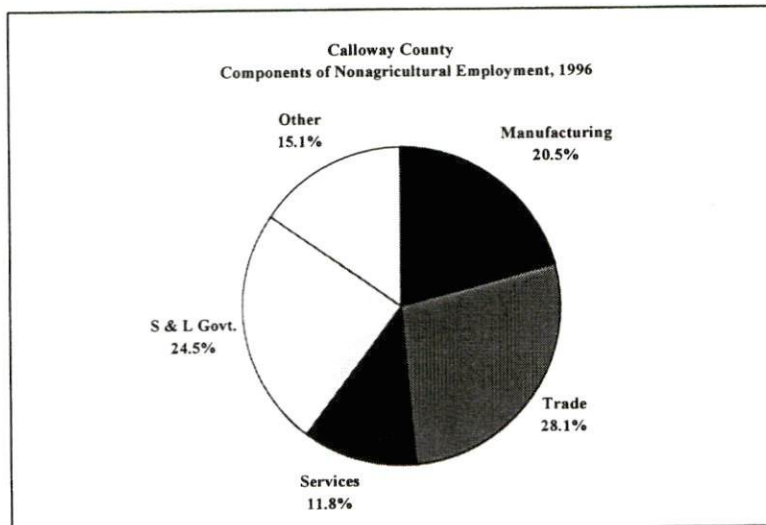
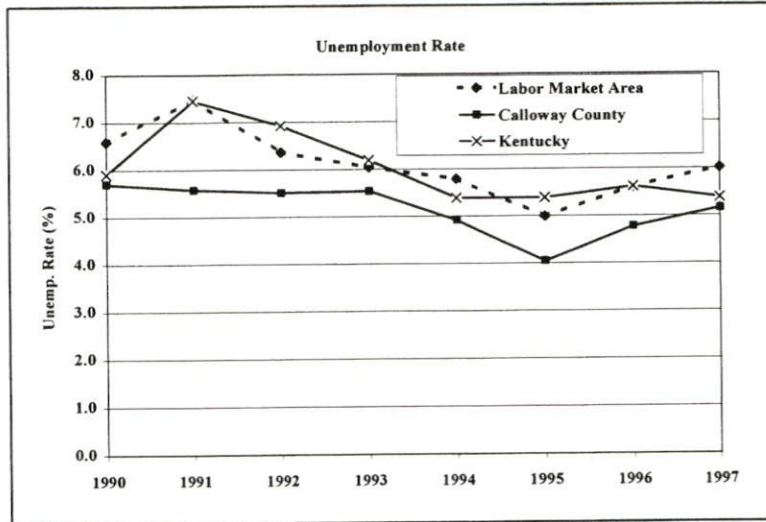
Selected Components of Nonagricultural Employment, by Place of Work, 1996

	<u>Calloway County</u>	<u>Labor Market Area</u>
All Industries	14,971	87,857
Mining & Quarrying	0	122
Contract Construction	785	5,134
Manufacturing	3,070	20,773
Transportation & Public Utilities	1,075	5,307
Wholesale & Retail Trade	4,206	23,528
Finance, Insurance, & Real Estate	319	2,677
Services	1,765	17,267
State & Local Government	3,667	12,424
Other	85	441

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, 1996.

Selected Charts



Per Capita Personal Income

	<u>1992</u>	<u>1996</u>	<u>Percent Change (1992-1996)</u>
Calloway County	\$16,416	\$19,810	20.7
Labor Market Area Range	\$14,724 - \$19,311	\$16,879 - \$23,567	-
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

Calloway County is served by the Mayfield local office of the Kentucky Department for Employment Services. The focus of the following data is on job placements made by the Mayfield 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, 1996, the local employment office filled Calloway 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	2,258	5.62
Clerical	172	4.97
Sales	32	5.71
Services (excluding domestic)	417	5.07
Agricultural, Fishery, Forestry, etc.	26	5.38
Processing	567	5.69
Machine Trades	56	8.12
Bench Work	511	5.15
Structural	159	6.88
Motor Freight/Transportation	60	6.18
Packaging and Materials Handling	188	5.82
Other	3	6.33

Note: Occupational categories are taken from the Dictionary of Occupational Titles published by the U.S. Department for Labor. The Mayfield local office serves Calloway, Fulton, Graves, and Hickman Counties.

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

**Average Weekly Wages by Industry
by Place of Work, 1996***

	<u>Calloway County</u>	<u>Kentucky (Statewide)</u>	<u>Tennessee</u>	<u>Virginia</u>
All Industries	\$390.71	\$465.37	\$495.00	\$525.00
Mining & Quarrying	0.00	774.09	718.00	763.00
Contract Construction	363.91	489.34	524.00	515.00
Manufacturing	450.89	608.28	592.00	615.00
Transportation & Public Utilities	497.40	620.62	620.00	718.00
Wholesale & Retail Trade	284.00	319.59	N/A	N/A
Finance, Insurance, & Real Estate Services	432.76	576.81	653.00	688.00
State & Local Government	395.88	420.80	471.00	550.00
	434.45	473.35	N/A	N/A
	<u>Indiana</u>	<u>Ohio</u>	<u>Illinois</u>	<u>U.S.</u>
All Industries	\$507.00	\$528.00	\$599.00	\$550.00
Mining & Quarrying	810.00	732.00	887.00	916.00
Contract Construction	577.00	590.00	731.00	583.00
Manufacturing	699.00	738.00	737.00	697.00
Transportation & Public Utilities	614.00	641.00	725.00	694.00
Wholesale & Retail Trade	N/A	N/A	N/A	N/A
Finance, Insurance, & Real Estate Services	587.00	638.00	874.00	802.00
State & Local Government	434.00	466.00	547.00	523.00
	N/A	N/A	N/A	N/A

* Wages for U.S. and surrounding states rounded to nearest dollar.

N/A Not Available.

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.

Sources: Kentucky Workforce Development Cabinet, Average Weekly Wages of Workers Covered by Kentucky Unemployment Insurance Law, 1996. U.S. Department of Labor, Bureau of Labor Statistics, Employment and Wages, Annual Averages, 1996. November 1997.

EXISTING INDUSTRY

Murray Manufacturing Firms, Their Products and Employment

<u>Firm (Establishment date)</u>	<u>Product</u>	<u>1998 Employment</u>
Briggs & Stratton Corporation (1985)	Lawn mower engines	1,024
Ellis Popcorn Company, Inc. (1950)	Popcorn	40
Falwell, Inc. (1977)	Wood furniture, millwork	2
Fitts Block & Ready Mix Company, Inc. (1945)	Ready-mixed concrete, concrete block	25
Hutson's Ag Service, Inc. (1976)	Fertilizer	25
Innovative Printing (1989)	Commercial printing	7
Interstate Filter Supply, Inc. (1967)	Cloth oil filter cartridges, oil filters	5
Jack Wallis Stained Glass & Doors (1971)	Stained glass, wood doors and Entryways, beveled/etched glass	7
Jakel, Inc. (1994)	Electric motors	140
Jerry's Custom Cabinets (1969)	Custom cabinets, vanities, bars, custom cabinet tops and furniture	8
Kenlake Foods (1982)	Salted nut products, gelatin and pudding mixes, drink powders and concentrates	281
Mattel-Murray (1973)	Toys	1,400
Murray Mold & Die Company (1985)	Precision machining, aluminum die cast and plastic injection molds, metal stamping dies	8
The Murray Ledger & Times, Murray Newspapers, Inc. (1879)	Newspaper	38
Newtex Industries (1995)	Insulation safety clothing	10
Printing Services & Supplies (1964)	Commercial printing	14
Ryan Milk Company (1929)	Coffee creamers, sterile creams and sour cream	183
S'Portable Scoreboards, Inc. (1995)	Scoreboards	25
Thornton Tile & Marble, Inc. (1971)	Cultured marble vanity tops, Bathtubs, and thresholds	15
Vanderbilt Chemical Corporation (1969)	Industrial chemical additives	104
Welch Concrete Products (1973)	Concrete products	16

Sources: Kentucky Cabinet for Economic Development, Division of Research; Murray-Calloway County Chamber of Commerce.

Recent Industrial Developments

Mattel-Murray constructed an 800,000 square-foot distribution center. Up to 150 new jobs will be created with the expansion. Jakel, Inc. plans a 16,000 square-foot expansion.

Major Supportive/Service Employers

<u>Firm (Establishment date)</u>	<u>1998 Employment</u>
HT Marketing (1972)	125
Paschall Truck Lines, Inc. (1936)	880
Quest Pharmaceuticals (1993)	40
South Eastern Book Company (1975)	65

Labor Organizations in Manufacturing Firms

<u>Union</u>	<u>Representing workers at:</u>
Oil, Chemical and Atomic Workers International Union, AFL-CIO	Vanderbilt Chemical Corporation
United Food and Commercial Workers International Union, AFL-CIO, CLC	Ryan Milk Company

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

Selected Industrial Services

<u>Type of Service</u>	<u>Location</u>	<u>Mileage from Murray</u>
Custom Plastics Producers	Benton, Kentucky	19
Electric Motor Repair	Murray, Kentucky	-
Heat Treating Facilities	Hopkinsville, Kentucky	57
Industrial Waste Removal	Mayfield, Kentucky	21
Machine Shops, Tool & Die	Murray, Kentucky	-
Metal Castings	Elkton, Kentucky	77
Metal Finishers	Madisonville, Kentucky	92
Metal Service Centers	Murray, Kentucky	-
Millwrights & Riggers	Mayfield, Kentucky	21

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

TRANSPORTATION

Highways

Murray is served by U.S. Highway 641 and Kentucky Highways 94 and 121. U.S. Highway 641, Kentucky Highway 121, and Kentucky Highway 94 (northeast of Murray) are AAA-rated (80,000-pound gross load limit) trucking highways. Kentucky Highway 94 (west of Murray) is a AA-rated (62,000-pound gross load limit) trucking highway. The Purchase Parkway is 18 miles north of Murray via U.S. Highway 641, or 21 miles northwest of Murray via Kentucky Highway 121.

Interstate 24, a major east-west highway, is 26 miles north of Murray via U.S. 641 and the Purchase Parkway.

The construction of Highway 6880 between Kentucky Lake and U.S. Highway 641 north of Murray is planned. Completion of the four-lane divided highway is scheduled for 2000.

Highway Miles from Murray, Kentucky to Selected Market Centers

City	Highway Miles	City	Highway Miles
Atlanta, GA	365	Kansas City, MO	469
Baltimore, MD	802	Knoxville, TN	297
Birmingham, AL	311	Los Angeles, CA	1,954
Charleston, WV	439	Louisville, KY	227
Chicago, IL	419	Minneapolis, MN	797
Cincinnati, OH	324	Nashville, TN	119
Cleveland, OH	574	New Orleans, LA	551
Columbia, SC	559	New York, NY	968
Columbus, OH	432	Pittsburgh, PA	618
Dallas, TX	611	Raleigh, NC	656
Des Moines, IA	620	Richmond, VA	732
Detroit, MI	587	St. Louis, MO	219
Indianapolis, IN	340	Tallahassee, FL	614

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

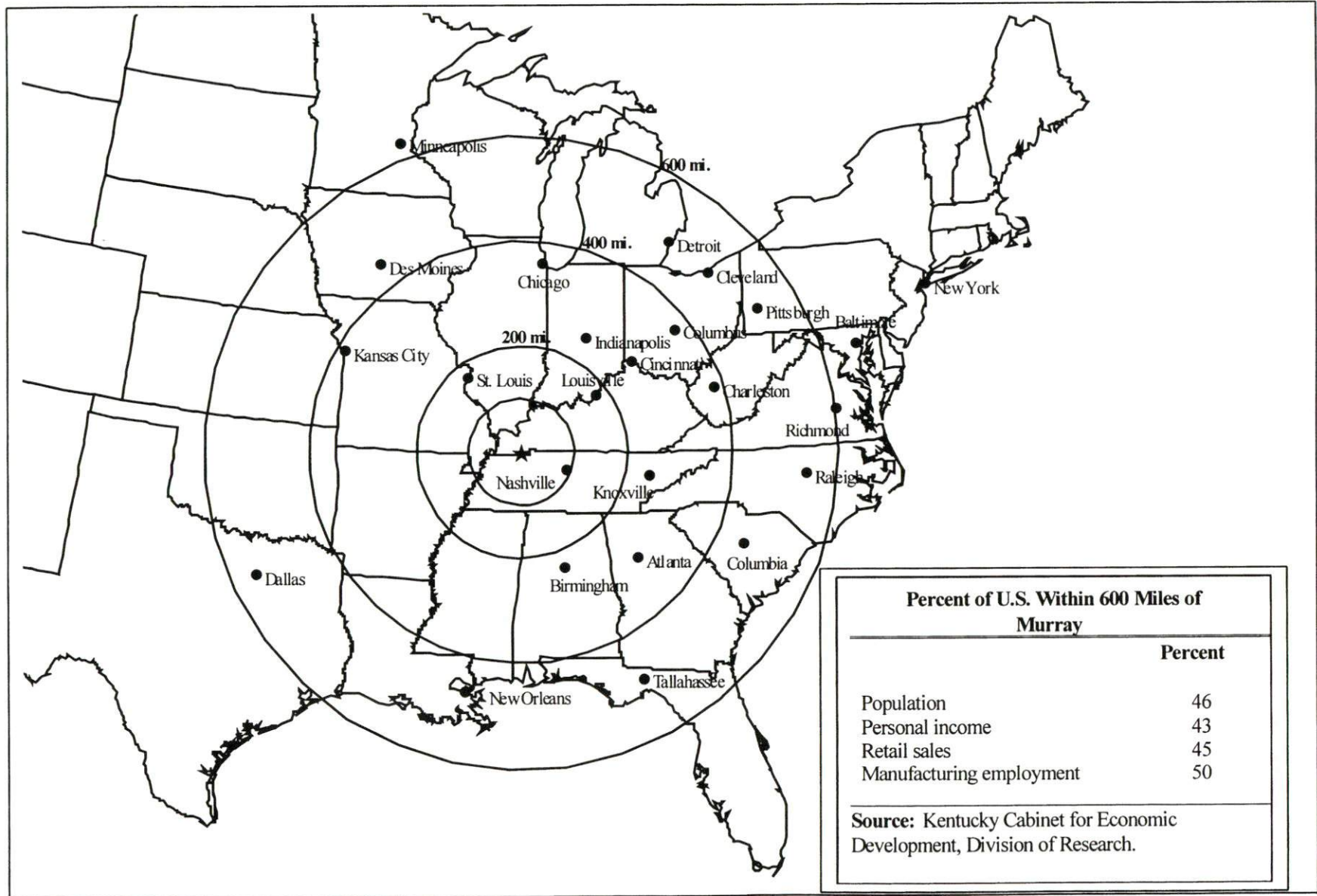
Source: AAA Map 'n' Go 3.0 for Windows, DeLORME, 1997.

Truck Service

There are currently twenty-one common carrier trucking companies providing interstate and/or intrastate service to Murray. Paschall Truck Lines, which is locally-owned and operated, is located on a seventeen-acre site adjacent to the Murray Industrial Park and provides both interstate and intrastate service.

Source: American Motor Carrier Directory, Spring 1998.

Selected Market Centers Map



Rail

Kentucky, West Tennessee Railroad, Inc. (K.W.T.), connects with CSX in Bruceton, Tennessee, and provides freight service to Murray. The nearest intermodal facilities are provided by Paducah and Louisville Railway at Paducah, 48 miles northeast of Murray.

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

Manager
K.W.T. Railroad, Inc.
908 Depot Street
Paris, Tennessee 38242
(901) 642-7942

The Hardin/Southern Railroad is a locally-owned company which connects with K.W.T. Railroad at Murray. The Hardin/Southern Railroad is located in the Murray Industrial Park and operates one line approximately 11 miles in length between Murray and Hardin, Kentucky. For further information on the Hardin/Southern Railroad contact:

Hardin/Southern Railroad
P.O. Box 20
Hardin, Kentucky 42048
(502) 437-4555

Air

Local

Location:	Murray-Calloway County Airport (Kyle-Oakley Field) five miles northwest of Murray
Runways:	One paved
Length:	5,000 feet
Traffic	
Control:	Wind sock, LOC
Lighting:	Rotating beacon and radio control runway lighting system, MIRL, VASI, REILS
Services:	80 and 100 octane and jet-A fuel, hangar, tie-down, charter service, agricultural service, flight instruction, auto gas, maintenance and repair, FBO
Air Freight Service:	Charter air freight services must be arranged.

The Murray-Calloway County Airport plans to widen the runway to 100 feet and extend the length to 5,500 feet.

Nearest Scheduled Commercial Airline Service (Commuter)

Location: Barkley Regional Airport
16 miles west of Paducah, Kentucky;
57 miles northwest of Murray
Air Service: Northwest Airlin, TW Express
Daily Arrivals
& Departures: 18

Nearest International Airport

Location: Nashville International Airport
8 miles southeast of Nashville, Tennessee;
127 miles southeast of Murray
Air Service: Air Canada, American, American Eagle,
Comair, Continental, Corporate Express,
Delta, Delta Express, Midway Connection,
Northwest, Skyway, Southwest, TWA,
United, US Airways, US Airways Express,
Trans States
Daily Arrivals
& Departures: 364

Water

The Port of Murray-Calloway County is located on Kentucky Lake, approximately 12 miles from Murray. This large, privately-owned port is owned by the Hutson Company, Inc., and Hutson Grain, Inc., and is operated by the Hutson Company and the Pillsbury Company. The port can accommodate the unloading of bulk commodities and the loading of grain simultaneously.

UTILITIES

Electricity

Company serving **Murray and parts of Calloway County** - Murray Electric System
Source of power - Tennessee Valley Authority
For industrial rates contact:

Murray Electric System
P.O. Box 1095
401 Olive Street
Murray, Kentucky 42071
(502) 753-5312

and/or

Southern Kentucky Industrial Development
Association, Inc.
P.O. Box 726
Hopkinsville, Kentucky 42241-0726
(502) 885-5392 Fax (502) 885-9451

Company serving **majority of Calloway County** - West Kentucky Rural Electric
Cooperative Corporation
Source of power - Tennessee Valley Authority
For industrial rates contact:

Southern Kentucky Industrial Development
Association, Inc.
P.O. Box 726
Hopkinsville, Kentucky 42241-0726
(502) 885-5392 Fax (502) 885-9451

and/or

West Kentucky Rural Electric
Cooperative Corporation
1218 West Broadway
P.O. Box 589
Mayfield, Kentucky 42066
(502) 247-1321 Fax (502) 247-8496

Natural Gas

Company serving **Murray** - Murray Natural Gas System
Source of supply - Texas Gas Resources Corporation
For rates and supplies contact:

Murray Natural Gas System
P.O. Box 466
Murray, Kentucky 42071
(502) 762-0300

Public Water Supply

Company serving **Murray** - Murray Water and Wastewater System
200 Andrus Drive
P.O. Box 1236
Murray, Kentucky 42071
(502) 762-0330 Fax (502) 762-0379

Source - Wells (pumping capacity is 5,000 gallons per minute)
Treatment plant capacity - 7,000,000 gallons per day
Average daily consumption - 2,745,000 gallons
Peak daily consumption - 4,130,000 gallons
Storage capacity - 4,750,000 gallons
Water pressure - 40 psi to 90 psi

Raw Water

Surface water sources - Kentucky Lake, West Fork Clarks River and East Fork Clark River
Average discharge - West Fork Clarks River near Brewers, Kentucky - 91.4 cfs (26 years, USGS)
Expected ground water yield - 5 to 50 gpm along the eastern edge of the county bordering Kentucky Lake, 500 to 1,000 gpm in the remainder of the county

Sewerage

Company serving **Murray** - Murray Water and Wastewater System
200 Andrus Drive
P.O. Box 1236
Murray, Kentucky 42071
(502) 762-0330 Fax (502) 762-0379

Design capacity - 5,250,000 gallons per day
Average daily flow - 4,340,000 gallons
Type of treatment - Primary
Treated effluent discharged into - Bee Creek

CLIMATE

Calloway County

Temperature

Average (49-year record)	59.80 degrees
Average annual 1996	58.30 degrees
Record highest, July 1952 (57-year record)	107.00 degrees
Record lowest, January 1985 (57-year record)	-17.00 degrees
Normal heating degree days (30-year record) (heating degree day totals are the sum of negative departures of average daily temperatures from 65 degrees F.)	3,729

Precipitation

Normal total (30-year record)	47.30 inches
Normal annual snowfall (30-year record)	11.00 inches
Total precipitation 1996	48.63 inches
Normal number days precipitation (.01 inch or more) (30-year record)	118.40
Mean number days thunderstorms (56-year record)	52.10

Prevailing Winds (28-year record) South

Relative Humidity (30-year record)

12 midnight	79 percent
6 a.m.	84 percent
12 noon	57 percent
6 p.m.	61 percent

Source: U.S. Department of Commerce, National Climatic Data Center, Climatological Data, 1996.
Station of record: Nashville, Tennessee.

LOCAL GOVERNMENT

Structure

Murray is served by a mayor and 12 council members. The mayor is elected to a four-year term and the council members serve two-year terms. Calloway County is served by a county judge/executive and four magistrates. The judge/executive and magistrates are elected to four-year terms.

Planning and Zoning

City agency - Murray Planning Commission
Zoning enforced - Within city of Murray
Subdivision regulations enforced - Within city and four miles beyond corporate 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)

Local Fees and Licenses

The City of Murray levies a business license fee ranging from \$5.50 to \$440 per year. The amount that manufacturing firms or businesses pay is defined by the number of employees: less than 25, \$82.50; 26 to 50, \$165; 51 to 250, \$247.50; 251 to 500, \$330; 501 and above, \$440.

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 of city limits may also be subject to city property taxes.

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).

Property assessments in Kentucky are at 100% fair cash value. Accounts receivable are taxed at 85% of face value.

State and Local Property Taxes

State Property Tax Rates Per \$100 Valuation

<u>Selected Classes of Property</u>	<u>1997 State Rate</u>	<u>Local Taxation Permitted</u>
Real Estate	\$0.157	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 1997, Kentucky Revenue Cabinet, Department of Property Valuation.

Local Property Tax Rates Per \$100 Valuation, 1997

<u>Taxing Jurisdiction</u>	<u>Finished Goods &</u>		
	<u>Real Estate</u>	<u>Tangibles</u>	<u>Motor Vehicles</u>
Calloway County	\$0.1703	\$0.2045	\$0.2010
School Districts:			
Calloway County	0.3730	0.3730	0.5210
Murray Independent	0.3570	0.3680	0.5440
Cities:			
Murray	0.3387	0.3670	0.3800

Source: Property Tax Rates 1997, Kentucky Revenue Cabinet, Department of Property Valuation.

EDUCATION

Public Schools

	Murray Independent	Calloway County
Total Enrollment (Fall, 1997)	1,370	3,188
Accreditation	Southern Association of Colleges and Schools	Southern Association of Colleges and Schools
Pupil-Teacher Ratio (1997-98)	16.4:1	17.2:1
Percent High School Graduates to College (1996-97)	81.8	54.0
Expenditures Per Pupil (1996-97)	\$4,333.00	\$3,838.00

Nonpublic Schools

<u>School</u>	<u>Enrollment</u>	<u>Grades</u>
Eastwood Christian Academy	60	K4-12
Emmanuel Baptist Academy	-	K-8
Murray Christian Academy	-	K-7
Murray Montessori Center	16	Preschool-1

Area Colleges and Universities

<u>Name</u>	<u>Location (Miles from Murray)</u>	<u>Enrollment (1996-1997)</u>
Murray State University	Murray, Kentucky	8,636
Bethel College	McKenzie, Tennessee (38)	549 (Fall, 1995)
Paducah Community College	Paducah, Kentucky (49)	2,842
University of Tennessee at Martin	Martin, Tennessee (51)	5,812 (Fall, 1995)
Hopkinsville Community College	Hopkinsville, Kentucky (57)	2,752

Murray State University

In the past 75 years, Murray State has grown from a Normal School with 202 students to a university with more than 8,800 students enrolled. Home to both undergraduate and graduate students, Murray State is a four-year, tax-supported school composed of six academic colleges.

Murray State has a reputation as an excellent university. In *America's Best Colleges*, *U.S. News and World Report*, MSU is consistently ranked in the top tier among southern regional and liberal arts colleges and universities. It is a rating that reflects the pride of Murray State faculty and students.

Most recently, Murray State was selected by *America's Best Colleges* as a "Best Value" university and as a "Top Public School" among southern regional universities. *Barron's Profiles of American Colleges* lists Murray State University as "very competitive" in its rankings. In addition, Murray State's location was ranked as one of the top 11 safest campus locations in the country by the authors of *Crime at College*. It is the home of the Mid-America Remote Sensing Center (MARC), the official transfer agent of NASA Landsat technology in Kentucky. In 1987, MSU was designated as a Center of Excellence for Research in Reservoir Ecology and an Endowed Chair for Applied Ecosystem Ecology.

In addition to a wide range of traditional educational programs and facilities, Murray State is serving the west Kentucky region by way of the Breathitt Veterinary Center in Hopkinsville, Wickliffe Mounds Research Center in Wickliffe, Savage Cave in Logan County (the first archaeological site in Kentucky), and the National Scouting Museum of the Boy Scouts of America (located on campus). The oldest building on the campus houses the Wrather West Kentucky Museum, which reflects the cultural heritage of the geographic area surrounding Murray and western Kentucky.

Murray State believes in the personal touch for its students. A newly implemented residential colleges system was created to enhance that personal connection. Students are afforded the opportunity to work and relax together with their peers as well as faculty members.

The university offers its students a wide range of academic options. In addition to majors in such fields as accounting, computer science, journalism, music, biology, chemistry, education, history, psychology, agriculture, and occupational safety and health, the university can also prepare its students to pursue professional careers including medicine, engineering, dentistry and law.

It has expanded its global mission through a rapidly growing program of international studies and meets the needs of nontraditional students with program offerings through the Center for Continuing Education and Academic Outreach.

Murray State University is anxiously awaiting the debut of a new special events center during the summer of 1998. The multi-purpose building will have an 8,000-seat auditorium for basketball games, shows, concerts and recreational facilities. Once completed, the \$20 million project will be a source of pride for the university as well as the entire region.

Murray State began because members of the community of Murray were willing to give their time and their money to see that a school of higher learning was established. That dedication to the university has not diminished over the years. Students at Murray State University find themselves not just a part of the school, but a part of the surrounding community.

Vocational-Technical Training

Kentucky Tech secondary (Sec) schools, called area technology centers, are operated by the Cabinet for Workforce Development and the postsecondary schools (P/S), called technical colleges, are governed by the Kentucky Community and Technical College System (KCTCS).

<u>Kentucky Tech Schools</u>	<u>Location (Mileage from Murray)</u>	<u>Number of Program Offerings</u>	<u>Enrollment 1996-97</u>		<u>Approximate No. Completing Programs Annually</u>
			<u>Sec</u>	<u>P/S</u>	
Murray Area Technology Center	-	6	174	37	43
West Kentucky Technical College	Paducah (49)	25	16	1,355	290
Paducah Area Technology Center	Paducah (49)	9	406	28	43

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 located at the West Kentucky Technical College (502) 554-2473.

Assessment Services

Kentucky Tech Career Connections offers to business, education and government agencies testing packages for evaluating job applicants, selecting employees for promotional consideration and developing training programs within the organization. A Career Connections Assessment Center is located at the West Kentucky Technical College (502) 554-4991.

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 equivalence diploma. In Murray, adult basic education and adult literacy classes are administered through the Adult Learning Center at Murray State University, West Kentucky Educational Cooperative, and the Calloway County Adult Literacy Program.

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 credits to existing businesses for skills upgrade training.

OTHER LOCAL FACILITIES

Local Medical Personnel

Physicians - 50

Dentists - 15

Hospitals

<u>General Hospital</u>	<u>Location</u>	<u>Beds</u>
Murray-Calloway County Hospital	Murray	216

Other Medical Facilities and Services

Calloway County Fire-Rescue, Inc.
Calloway County Health Department
Ferr Terrace Lodge Personal Care Home
Medical Arts Building
Murray-Calloway County Hospital
Ambulance Service
Murray Woman's Clinic
West View Nursing Home

Murray offers two new retirement centers: Hickory Woods with 40 units, and Glendale Place with 80 units.

Banks and Savings & Loan Associations

Peoples First Bank of Calloway County
Peoples Bank of Murray
Hopkinsville Federal Savings Bank
United Commonwealth Bank

Newspapers

The Murray Ledger & Times (Daily)
The Murray State News (Weekly)

Telephone Service

BellSouth
911 Enhanced

Radio and Television Stations

WQTV
WNBS
WSJP
WKMS

RECREATION

Local

The 104-acre Murray-Calloway County Park offers year-round supervised recreational youth programs. The park also offers a full range of recreational facilities including swimming pools, tennis courts, ball fields, soccer fields, six covered pavilions, picnic areas, bike and hiking trails, and playground equipment. The City of Murray also offers numerous youth sports programs.

The Murray Family YMCA offers health and fitness activities for youth and adults. The "Y" also offers day camps, summer camp, and after-school child care.

There are four golf courses in Calloway County. The Murray State University golf course is listed as one of the top 130 courses in the nation.

A large variety of recreational facilities and instruction in many sports is available at Murray State University.

The Wrather West Kentucky Museum, on the campus of Murray State University, highlights and promotes an understanding of the social, cultural, and economic development of West Kentucky and the Jackson Purchase.

The Murray-Calloway County Community Theatre is one of the oldest theatres in the state and attracts more than 10,000 people from the region to its live performances throughout the year. The theatre is located in the renovated 1907 L & N Freight Depot. The Murray Civic Music Association presents an annual series of world-class attractions in the area of music and dance.

Murray is home to the National Scouting Museum of the Boys Scouts of America. The museum houses a collection of more than 50 original Norman Rockwell oil paintings, the largest collection of Scouting themed paintings in the world. The museum also offers the Gateway Challenge Course which allows individuals or teams to test their courage and agility with its ropes, bridges, and obstacles. Hands-on exhibits, theaters, and story-telling are also offered.

Area (Within 50 miles)

Murray's location in the heart of Kentucky's Land Between the Lakes region makes it an excellent recreation area. The city is located only twenty minutes from two of the largest inland lakes in America, Kentucky Lake and Lake Barkley, with over 220,000 acres of water and 3,500 miles of unspoiled shoreline. The lakeland area offers numerous recreational facilities for water sports, fishing, boating, camping, and hiking. The Tennessee Valley Authority's Land Between the Lakes also offers 170,000 acres of splendid scenery and attractions.

Located around this lakeland area are three of the state's finest resort parks - Kenlake State Resort Park, Lake Barkley State Resort Park, and Kentucky Dam Village State Resort Park.

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

2300 Capital Plaza Tower, 500 Mero Street, Frankfort, KY 40601, 502 • 564 • 7140



Printed on recycled paper.