

1993

## Industrial Resources: Calloway County - Murray

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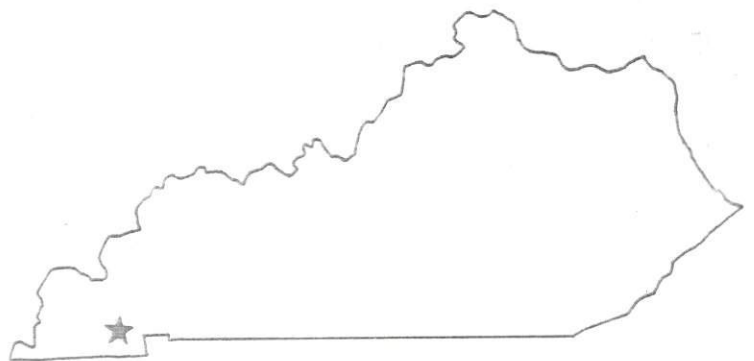
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# Resources for Economic Development

## Murray



**KENTUCKY**

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RESOURCES FOR ECONOMIC DEVELOPMENT

MURRAY, KENTUCKY

Prepared by  
The Kentucky Cabinet for Economic Development  
Division of Research  
in cooperation with  
Murray-Calloway County Chamber of Commerce

1993

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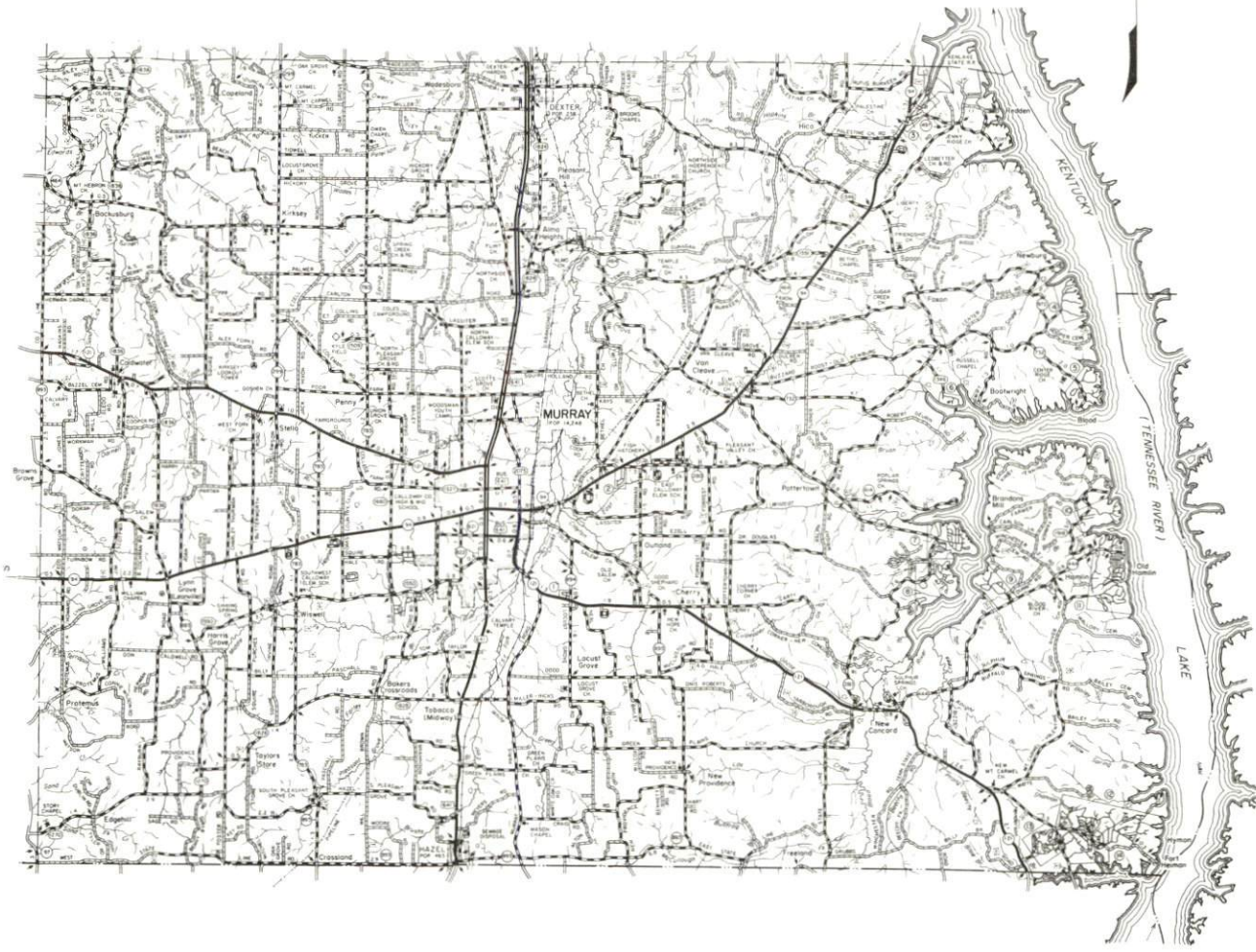
## TABLE OF CONTENTS

<u>Chapter</u>	<u>Page</u>
MURRAY, KENTUCKY - A RESOURCE PROFILE .....	1
THE LABOR MARKET STATISTICS .....	2
Labor Market Area Map .....	2
Population .....	3
Population Projections .....	3
Estimated Labor Supply .....	3
Labor Force Characteristics of Residents, 1991 .....	4
Selected Components of Nonagricultural Employment, by Place of Work, 1991 .....	5
Per Capita Personal Income .....	6
Average Placement Wages .....	7
Average Weekly Wages of Workers Covered by Unemployment Insurance 1990 - Bar Chart .....	8
Average Weekly Wages by Industry, by Place of Work, 1990 .....	9
EXISTING INDUSTRY .....	10
Murray Manufacturing Firms, Their Products and Employment .....	10
Non-Manufacturing Firms .....	11
Labor Organizations in Manufacturing Firms .....	11
Selected Industrial Services .....	12
TRANSPORTATION .....	13
Highways .....	13
Truck Service .....	13
Selected Market Location Map .....	14
Rail .....	15
Air .....	15
Water .....	16
UTILITIES .....	17
Electricity .....	17
Natural Gas .....	17
Public Water Supply .....	18
Raw Water .....	18
Sewerage .....	18
CLIMATE .....	19

<u>Chapter</u>	<u>Page</u>
LOCAL GOVERNMENT .....	20
Structure .....	20
Planning and Zoning .....	20
Local Fees and Licenses .....	20
State and Local Property Taxes .....	21
EDUCATION .....	22
Public Schools .....	22
Area Colleges and Universities .....	22
Vocational Training .....	24
OTHER LOCAL FACILITIES .....	26
Local Medical Personnel .....	26
Hospitals .....	26
Other Medical Facilities and Services .....	26
Banks and Savings & Loan Associations .....	26
Newspapers .....	26
Telephone Service .....	26
RECREATION .....	27
COMMUNITY IMPROVEMENTS .....	28

GENERAL HIGHWAY MAP  
**CALLOWAY COUNTY**  
KENTUCKY

PREPARED BY THE  
KENTUCKY TRANSPORTATION CABINET  
DEPARTMENT OF HIGHWAYS  
DIVISION OF PLANNING  
IN COOPERATION WITH THE  
U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION



## MURRAY, KENTUCKY - A RESOURCE PROFILE

Murray, home of Murray State University, is located in extreme southwestern Kentucky. Murray, with a 1990 population of 14,439, is the county seat of Calloway County.

Calloway County covers 386 square miles of gently rolling plain in Kentucky's Jackson Purchase Region. Kentucky Lake marks the eastern boundary of the county and the southern boundary is the Kentucky-Tennessee state line. The 1990 population of Calloway County was 30,735.

Murray's location places the city 123 miles northwest of Nashville, Tennessee; 217 miles southwest of Louisville, Kentucky; and 208 miles southeast of St. Louis, Missouri.

**The Economic Framework** - The total number of Calloway County residents employed in 1991 averaged 16,391. Manufacturing firms in the county reported 2,864 employees; wholesale and retail trade provided 3,136 jobs; 1,320 people were employed in service occupations; state and local government accounted for 3,162 employees; and contract construction firms provided 558 jobs.

**Labor Supply** - There is a current estimated labor supply of 13,136 persons available for industrial jobs in the labor market area. In addition, from 1992 through 1996, 6,603 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. Truck service is provided to Murray by 22 common carriers which provide interstate and/or intrastate service. Railroad service is provided to Murray by the K.W.T. Railway and the J & J 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 in Paducah, 49 miles northwest of Murray. The Nashville Metropolitan Airport is 123 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 for 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.

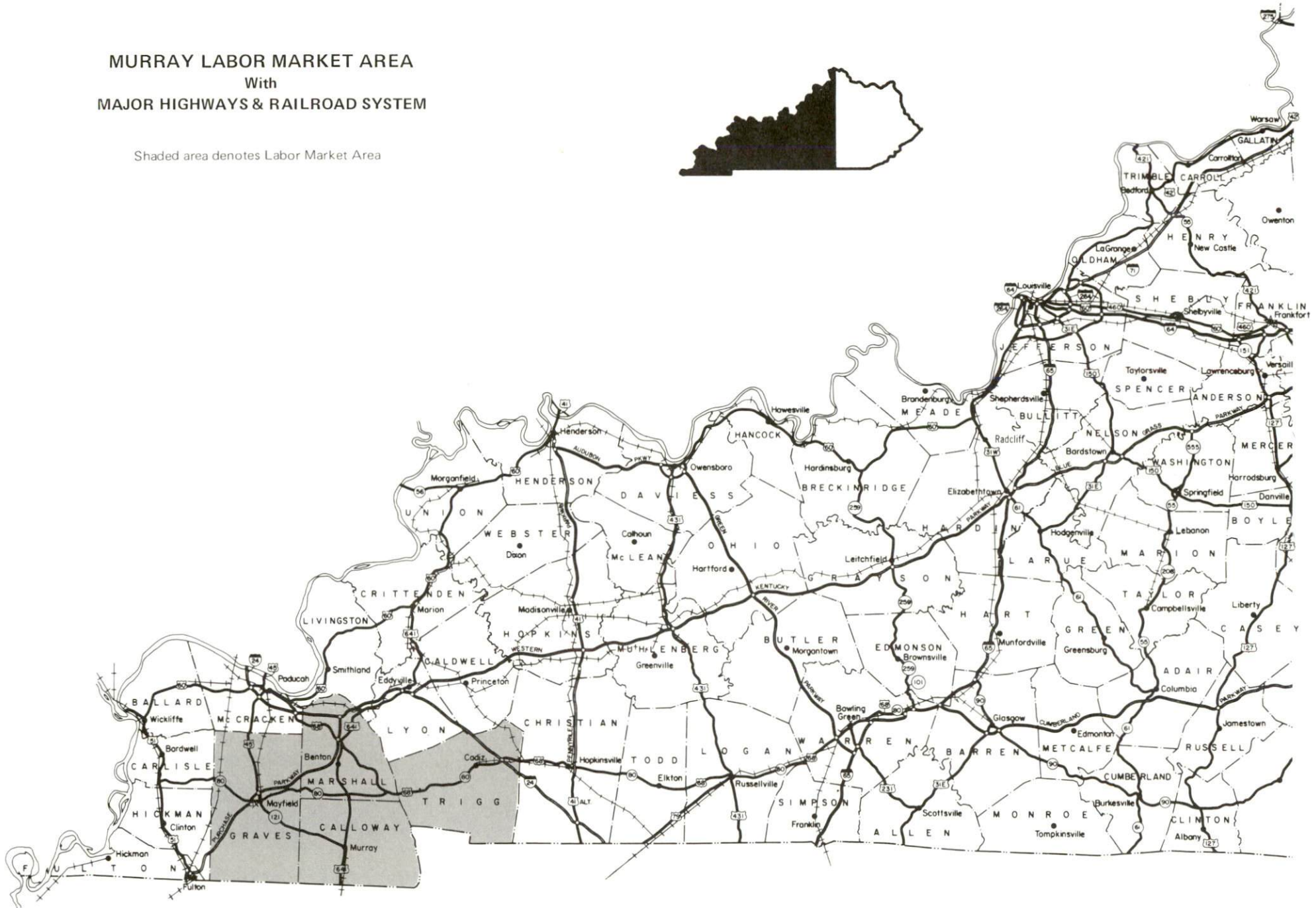
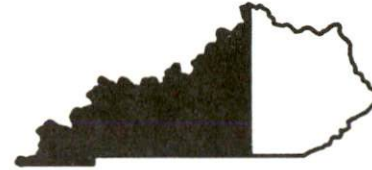
**Education** - Two public school systems serve Calloway County. The Murray Independent School System and the Calloway County School System are each accredited by the Southern Association of Colleges and Schools. Murray State University is a state-supported institution of higher education offering undergraduate, graduate, and professional programs in the field of business and public affairs, creative expression, environmental sciences, human development and learning, humanistic studies, and industry technology. Vocational education is available at the Murray Area Vocational Education Center and at the West Kentucky State Vocational-Technical School in Paducah, 49 miles northwest of Murray.



# MURRAY LABOR MARKET AREA

With  
MAJOR HIGHWAYS & RAILROAD SYSTEM

Shaded area denotes Labor Market Area



## LABOR MARKET STATISTICS

The Murray Labor Market Area includes Calloway County and the adjoining Kentucky counties of Graves, Marshall and Trigg. The southern boundary of Calloway County is formed by the Tennessee state line. Although not included in the statistics below, the Murray Labor Market Area also includes Henry County in Tennessee.

### POPULATION

	<u>1990</u>	<u>1980</u>	<u>1970</u>
Labor Market Area	101,851	99,101	87,632
Murray	14,439	14,248	13,537
Calloway County	30,735	30,031	27,692

Source: U.S. Department of Commerce, Bureau of the Census, January 1991.

### POPULATION PROJECTIONS

	<u>1995</u>	<u>2000</u>	<u>2010</u>	<u>2020</u>
Labor Market Area	104,125	105,879	107,345	107,519
Calloway County	31,236	31,558	31,638	31,565

Note: Population projections are from Moderate Growth Series forecast.

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

### ESTIMATED LABOR SUPPLY

	<u>Current</u>			<u>Not in Labor Force</u>	<u>Future</u>
	<u>Total</u>	<u>Unemployed</u>	<u>Employed Part-Time</u>		<u>Becoming 18 years of age 1992 thru 1996</u>
Labor Market Area*	13,136	3,011	5,478	4,647	6,603
Calloway County	2,994	720	2,274	0	1,641

\* Additional workers may be drawn from other nearby counties.

Note: Unemployed - persons unemployed and actively seeking work; Employed Part-Time - persons employed but working only 14 to 26 weeks per year; Not in Labor Force - represents the number of persons who would enter the labor force if suitable employment were available (based on the assumption that persons in Kentucky would like to participate in the labor force in the same proportion that they do nationally).

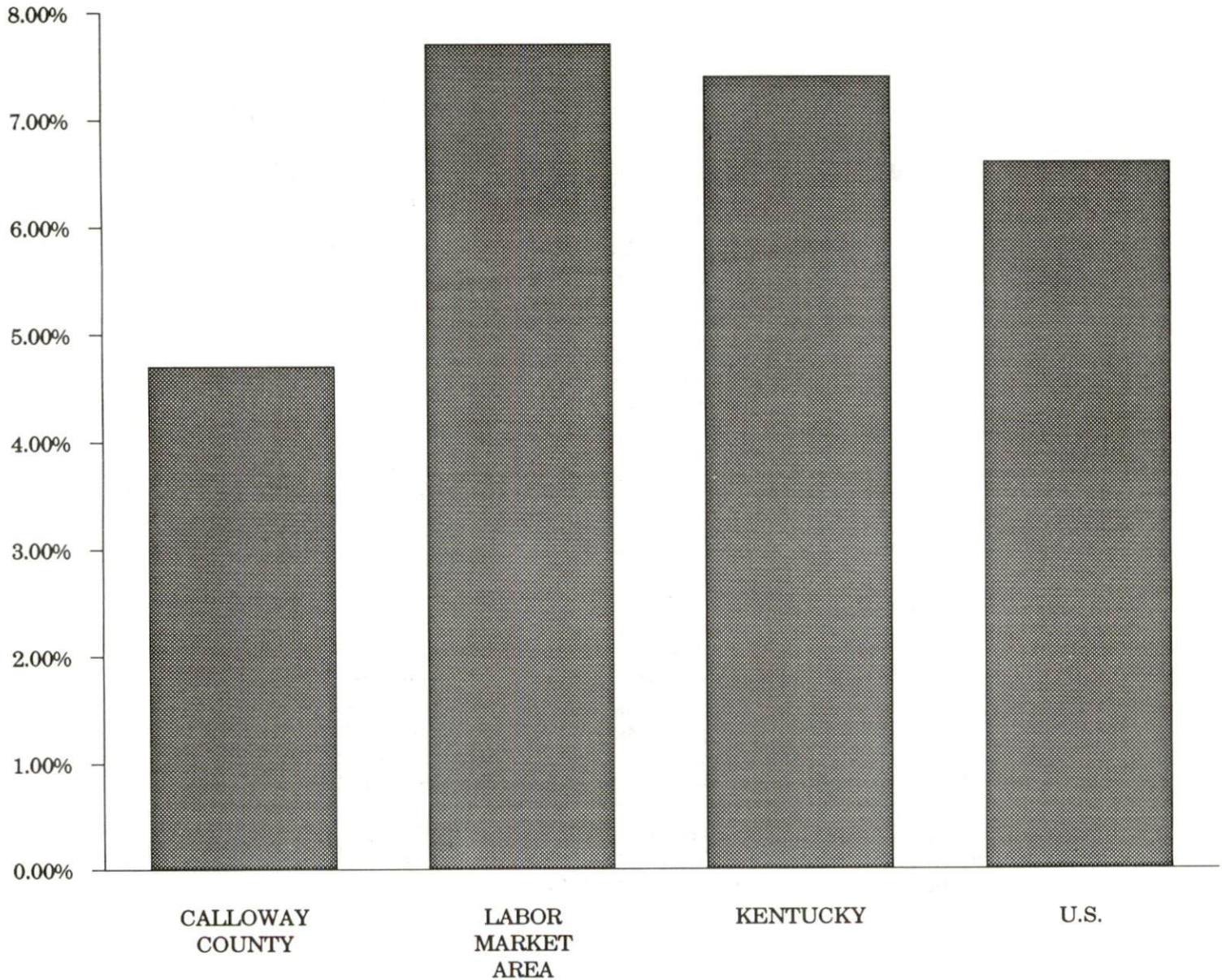
Sources: Kentucky Cabinet for Human Resources, Kentucky Labor Supply Estimates by County, 1989. Kentucky Cabinet for Economic Development, Future Labor Supply Becoming 18 Years of Age, 1992 thru 1996.

LABOR FORCE CHARACTERISTICS OF RESIDENTS, 1991

	<u>Calloway County</u>	<u>Labor Market Area</u>
Civilian Labor Force	17,196	49,226
Employment	16,391	45,432
Unemployment	805	3,794
Rate of Unemployment (%)	4.7	7.7

Source: Kentucky Cabinet for Human Resources, Kentucky Labor Force Estimates, Annual Averages, 1991.

UNEMPLOYMENT RATES  
1991

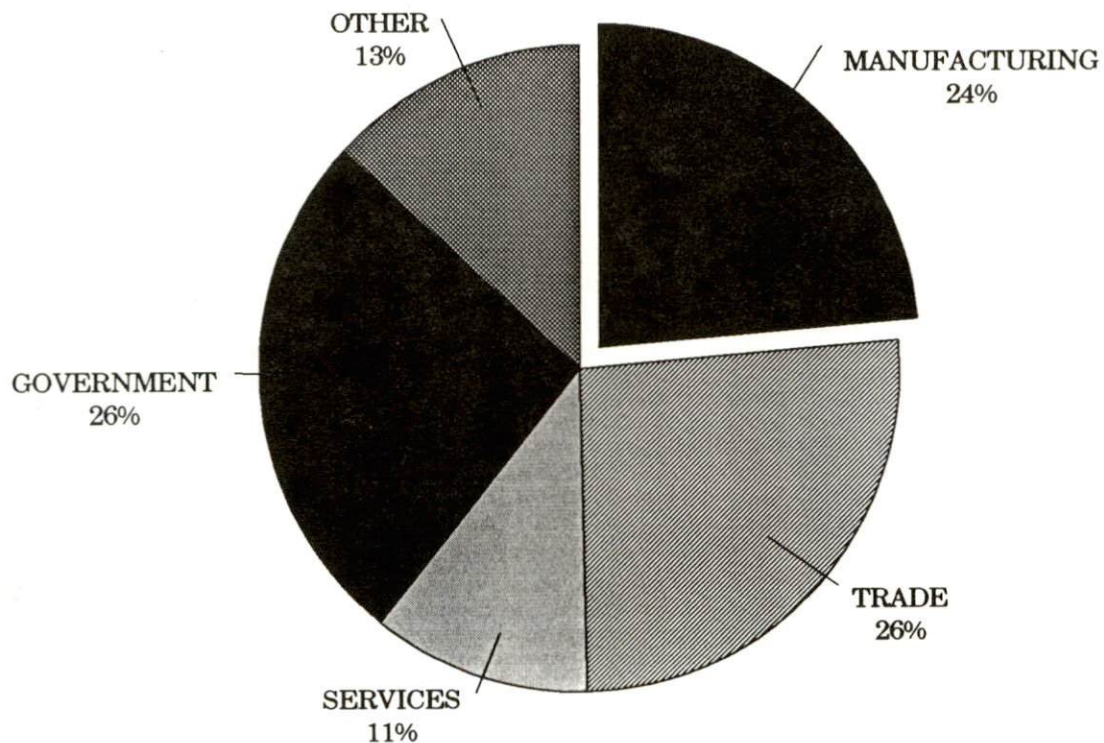


SELECTED COMPONENTS OF NONAGRICULTURAL EMPLOYMENT  
BY PLACE OF WORK, 1991

	Calloway County	Labor Market Area
All Industries (total)	12,003	33,858
Manufacturing	2,864	10,704
Wholesale & Retail Trade	3,136	7,519
Services	1,320	4,106
State/Local Government	3,162	6,419
Contract Construction	558	1,933

Note: Excludes domestic workers, railway workers, certain nonprofit corporations, majority of federal government workers, and self-employed workers.  
Source: Kentucky Cabinet for Human Resources, Average Monthly Workers Covered by Kentucky Unemployment Insurance Law, 1991.

CALLOWAY COUNTY

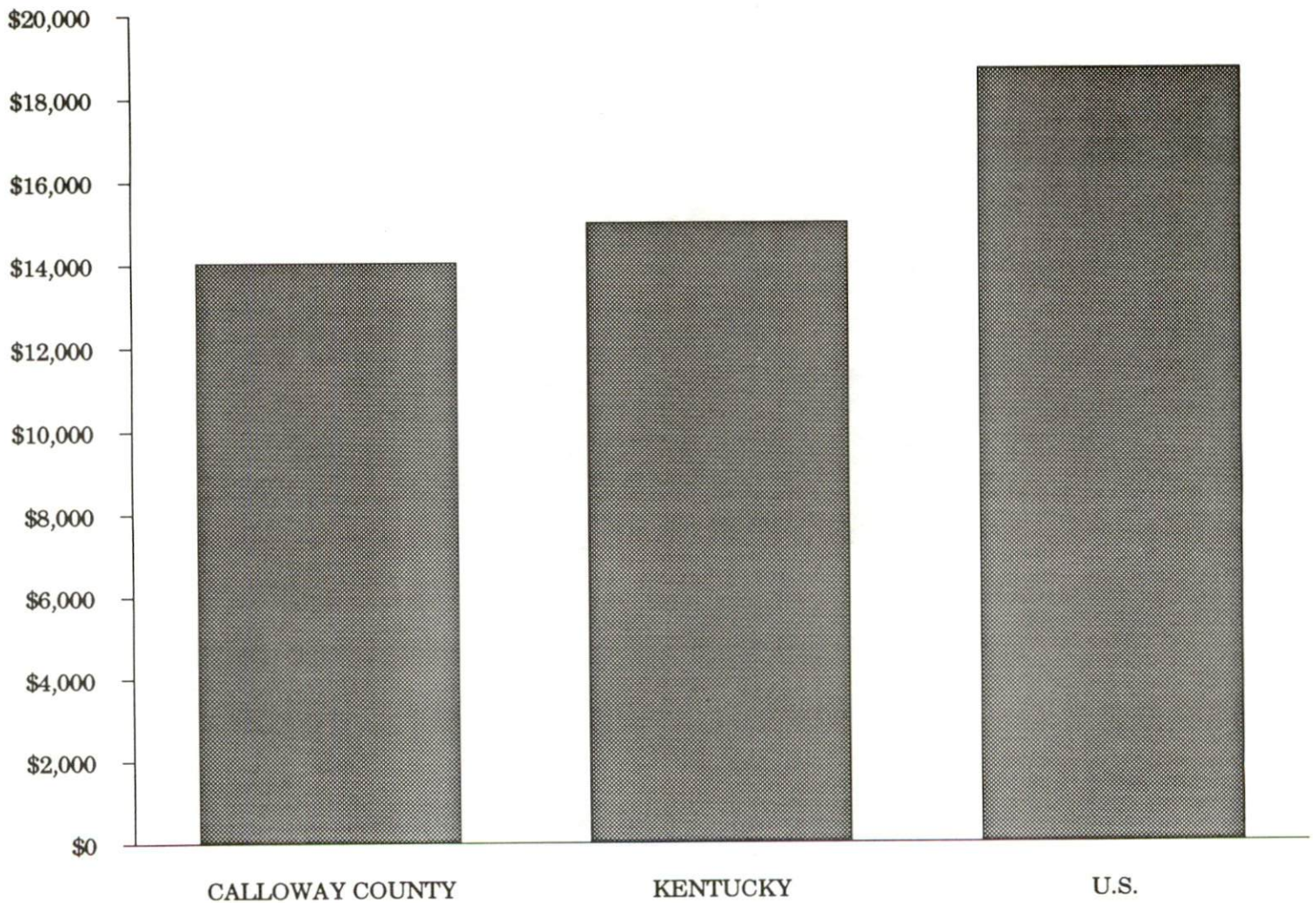


PER CAPITA PERSONAL INCOME

<u>Area</u>	<u>1986</u>	<u>1990</u>	<u>Percent Change</u>
Calloway County	\$11,184	\$14,046	25.6
Labor Market Area Range	\$10,816 - \$11,460	\$13,189 - \$14,597	-
Kentucky	\$11,273	\$14,992	33.0
U.S.	\$14,654	\$18,696	27.6

Source: U.S. Bureau of Economic Analysis, Kentucky Economic Information System, April 1992.

PER CAPITA PERSONAL INCOME  
1990



## 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, 1990, the local employment office filled 2,823 job openings in various occupational categories. The average hourly wage for selected occupational categories were:

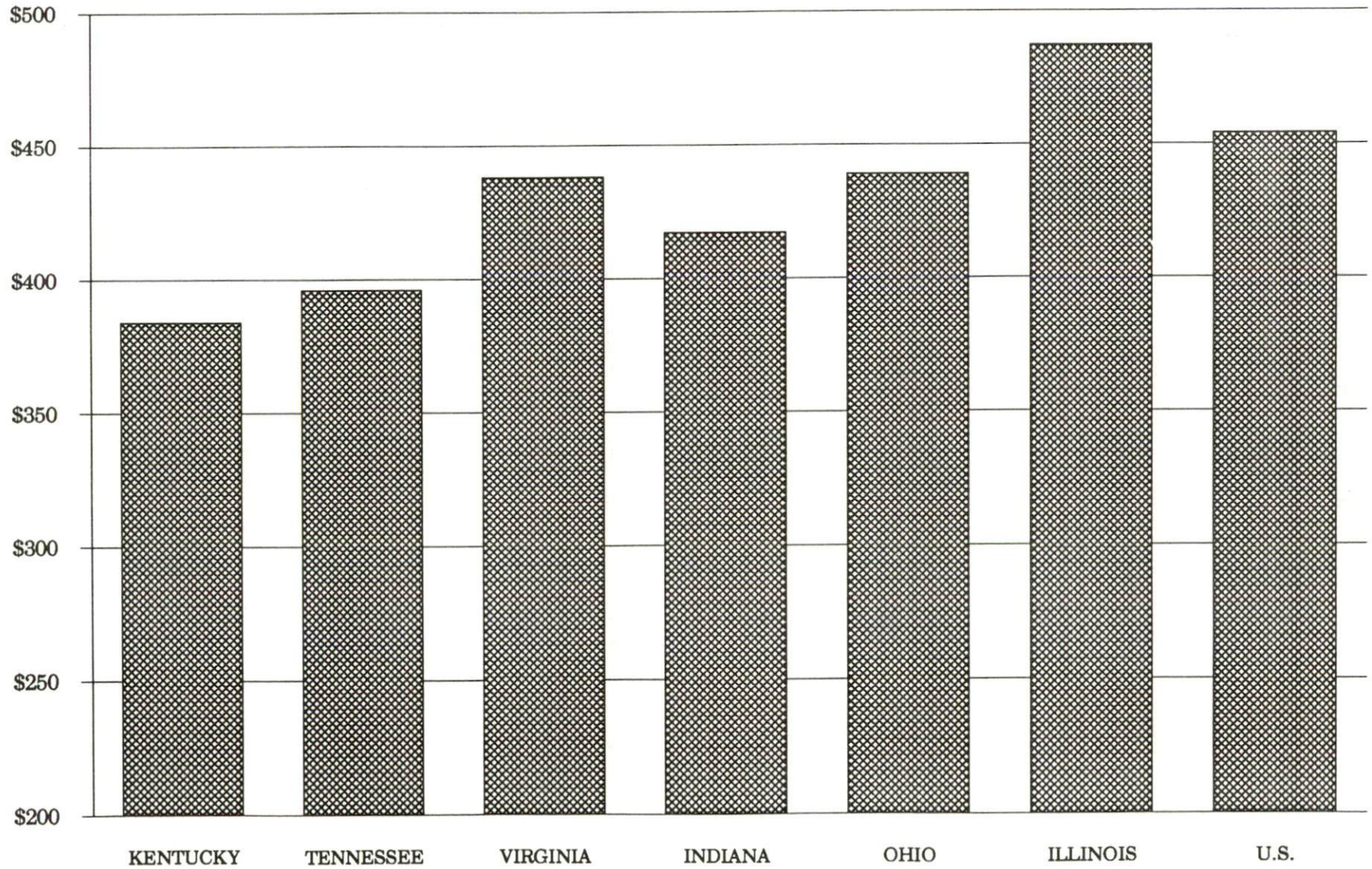
<u>OCCUPATIONAL CATEGORY</u>	<u>NUMBER OF PLACEMENTS</u>	<u>AVERAGE WAGE(\$)</u>
All Occupations	2,823	4.41
Clerical	560	3.82
Sales	24	4.06
Services (excluding domestic)	229	3.72
Agricultural, Fishery, Forestry, etc.	26	4.59
Processing	61	4.60
Machine Trades	93	4.60
Bench Work	1,184	4.35
Structural	362	5.40
Motor Freight/ Transportation	27	5.30
Packaging and Materials Handling	195	4.36

The Mayfield local office also serves Fulton, Graves, and Hickman Counties. The above occupational categories are taken from the Dictionary of Occupational Titles published by the U.S. Department of Labor.

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Source: Kentucky Cabinet for Human Resources, Department for Employment Services.

AVERAGE WEEKLY WAGES OF WORKERS COVERED BY  
UNEMPLOYMENT INSURANCE - 1990



AVERAGE WEEKLY WAGES BY INDUSTRY  
BY PLACE OF WORK, 1990\*

	Calloway County	Kentucky (State- Wide)	Tennessee	Virginia
All Industries	\$318.48	\$379.97	\$396.00	\$438.00
Mining & Quarrying	N/A	654.24	535.00	635.00
Contract Construction	299.71	401.70	421.00	444.00
Manufacturing	368.40	496.95	449.00	487.00
Transportation, Communications & Public Utilities	416.44	500.70	523.00	575.00
Wholesale & Retail Trade	215.12	255.93	N/A	N/A
Finance, Insurance & Real Estate	323.13	434.93	469.00	508.00
Services	319.87	329.76	378.00	430.00
State/Local Government	377.68	392.28	N/A	N/A
	<u>Indiana</u>	<u>Ohio</u>	<u>Illinois</u>	<u>U. S.</u>
All Industries	\$417.00	\$439.00	\$487.00	\$454.00
Mining & Quarrying	746.00	619.00	747.00	714.00
Contract Construction	475.00	504.00	624.00	503.00
Manufacturing	561.00	595.00	590.00	555.00
Transportation, Communications & Public Utilities	519.00	553.00	610.00	578.00
Wholesale & Retail Trade	N/A	N/A	N/A	N/A
Finance, Insurance & Real Estate	442.00	478.00	619.00	571.00
Services	349.00	382.00	444.00	423.00
State/Local Government	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 the salaries and wages of all persons working for that type business. For example, the manufacturing category includes both production workers and administrative personnel. Excludes domestic workers, railway workers, certain nonprofit corporations, majority of federal government workers, and self-employed workers.

Source: Kentucky Cabinet for Human Resources, Average Weekly Wages of Workers Covered by Kentucky Unemployment Insurance Law, 1990. U.S. Department of Labor, Bureau of Labor Statistics, Employment and Wages, Annual Averages, 1990, November 1991.



## EXISTING INDUSTRY

### MURRAY MANUFACTURING FIRMS, THEIR PRODUCTS AND EMPLOYMENT

<u>Firm</u> (Establishment date)	<u>Product</u>	<u>1991</u> <u>Average Employment</u>
Briggs & Stratton Corporation (1985)	Lawn mower engines	650
Ellis Popcorn Company, Inc. (1950)	Popcorn	42
Falwell, Inc. (1977)	Wood furniture, millwork	2
Fisher Price (1973)	Toys	1,600
Fitts Block & Ready Mix Company, Inc. (1945)	Ready-mixed concrete, concrete block	25
Gibson Ham, Inc. (1946)	Country hams	4
Hutson Company, Inc. (1928)	Fertilizer	25
Interstate Filter Supply, Inc. (1967)	Cloth oil filter cartridges, oil filters	5
Jack Wallis Stained Glass & Doors (1971)	Stained glass, wood doors and entryways	6
Jerry's Custom Cabinets (1969)	Custom cabinets, vanities, bars	7
Kenlake Foods (1982)	Salted nut products, gelatin and pudding mixes, drink powders and concentrates	120
Lassiter Plaster Company, Inc. (1920)	Pre-fab wall panels	105
Murray Fabrics, Inc. (1955)	Knitted cuffs, surgical products, and tubing	19
The Murray Ledger & Times, Murray Newspapers, Inc. (1879)	Newspaper	38
Murray Mold & Die Company (1985)	Precision machining, aluminum die cast and plastic injection molds, metal stamping dies	8
Printing Services & Supplies (1964)	Commercial printing	13
Ryan Milk Company (1929)	Yogurt, coffee creamers, sterile creams and sour cream	150
Safeguard America, Inc. (1965)	Safety apparel, gloves	93

(Continued)

<u>Firm</u> <u>(Establishment date)</u>	<u>Product</u>	<u>1991</u> <u>Average Employment</u>
Surveyors Supply (1969)	Lathes, wood stakes, hubs	2
Thornton Tile & Marble, Inc. (1971)	Cultured marble vanity tops, bathtubs, and thresholds	8
Vanderbilt Chemical Corporation (1969)	Industrial chemical additives	90

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

#### NON-MANUFACTURING FIRMS

<u>Firm</u> <u>(Establishment Date)</u>	<u>1991</u> <u>Average Employment</u>
HT Marketing (1972)	90
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	Ryan Milk Company

SELECTED INDUSTRIAL SERVICES

<u>Types of Services</u>	<u>Location</u>	<u>Mileage from Murray</u>
Custom Data Processing	Paducah, Kentucky	49
Custom Plastics Producers	Fulton, Kentucky	35
Electric Motor Repair	Mayfield, Kentucky	21
Grinding, Precision & Tool	Mayfield, Kentucky	21
Heat Treating Facilities	Nashville, Tennessee	122
Industrial Equipment & Supplies	Mayfield, Kentucky	21
Industrial Gases	Paducah, Kentucky	49
Industrial Waste Removal	Paducah, Kentucky	49
Machine Shops, Tool & Die	Murray, Kentucky	-
Metal Castings	Elkton, Kentucky	77
Metal Finishers	Paducah, Kentucky	49
Metal Service Centers	Hopkinsville, Kentucky	57
Millwrights	Hopkinsville, Kentucky	57
Public Warehouse Facilities	Murray, Kentucky	-

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

## TRANSPORTATION

### Highways

Murray is served directly 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.

#### HIGHWAY MILES FROM MURRAY, KENTUCKY, TO SELECTED MARKET CENTERS

City	Highway Miles	City	Highway Miles
Atlanta, GA	364	Los Angeles, CA	1,940
Baltimore, MD	795	Louisville, KY	217
Birmingham, AL	277	Nashville, TN	123
Chicago, IL	411	New Orleans, LA	523
Cincinnati, OH	317	New York, NY	973
Cleveland, OH	564	Pittsburgh, PA	601
Detroit, MI	575	St. Louis, MO	208
Knoxville, TN	299		

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

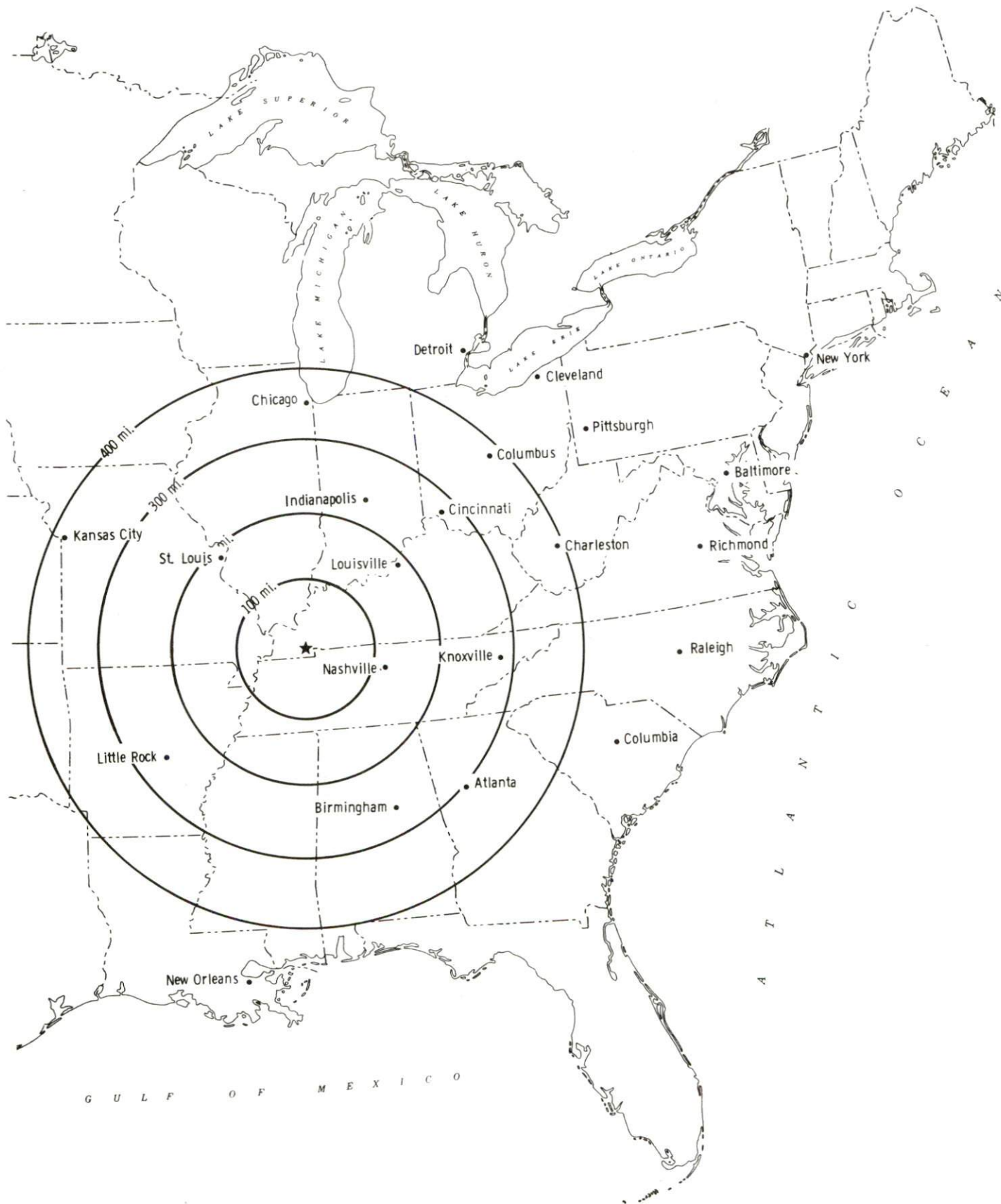
Sources: Rand McNally Standard Highway Mileage Guide, 1990. Official Kentucky Mileage Map, 1985.

### Truck Service

There are currently twenty-two common carrier trucking companies that provide interstate and/or intrastate service to Murray.

Source: American Motor Carrier Directory, Fall 1992.

# Selected Market Centers



## Rail

Kentucky, West Tennessee Railroad, Inc., (K.W.T.), provides branch line service to Murray. The nearest intermodal facilities are provided by Paducah and Louisville Railway at Paducah, 49 miles northeast of Murray.

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

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

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

J & J Railroad  
Box 131  
Hardin, Kentucky 42048  
(502) 437-4102

## 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
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

### Nearest Scheduled Commercial Airline Service (Commuter)

Location:	Barkley Regional Airport six miles west of Paducah, Kentucky; 49 miles northwest of Murray
Air Service:	American Eagle, TransWorld Express, Northwest Air Link,
Daily Arrivals & Departures:	30

Nearest Scheduled Commercial Airline Service

Location: Nashville Metropolitan Airport  
six miles southeast of Nashville, Tennessee;  
123 miles southeast of Murray

Air Service: American, Delta, Northwest, TWA, Southwest,  
United, USAir, Nashville Eagle,  
ComAir, USAir Express, American Eagle

Daily Arrivals  
& Departures: 570

**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

South 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 Cooperation

Source of power - Tennessee Valley Authority  
For industrial rates contact:

South 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

Source - Wells, (pumping capacity is 4,000 gallons per minute)  
Treatment plant capacity - 7,000,000 gallons per day  
Average daily consumption - 2,850,000 gallons  
Peak daily consumption - 4,200,000 gallons  
Storage capacity - 3,250,000 gallons  
Water pressure - 70 psi to 85 psi

The Murray Water and Wastewater System recently expanded its water treatment plant capacity from five to seven million gallons per day. Total cost of the project was \$3.6 million. Under way is the construction of a 500,000-gallon elevated storage tank scheduled for completion July 1993 and costing approximately \$450,000.

## Raw Water

Surface water sources - Kentucky Lake, West Fork Clarks River and East Fork Clarks River  
Average discharge - West Fork Clarks River near Brewers, Kentucky - 96.2 cfs (22 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

Design capacity - 3,500,000 gallons per day  
Average daily flow - 3,000,000 gallons  
Type of treatment - Secondary  
Treated effluent discharged into - Bee Creek

Murray Water and Wastewater System is in the process of upgrading its wastewater treatment facility. Improvements include, a 1.2 million-gallon sludge storage tank and a new sludge handling building containing a sludge press. Approximate cost is \$4.2 million and completion date is April 1994.

## CLIMATE

### Calloway County

#### Temperature

Normal (30-year record)	59.20 degrees
Average annual 1991	61.40 degrees
Record highest, July 1952 (52-year record)	107.00 degrees
Record lowest, January 1985 (52-year record)	-17.00 degrees
Normal heating degree days (30-year record) (Heating degree day totals are the sums of negative departures of average daily temperatures from 65 degrees F.)	3,756

#### Precipitation

Normal (30-year record)	48.49 inches
Mean annual snowfall (50-year record)	10.50 inches
Total precipitation 1991	46.94 inches
Mean number days precipitation (.01 inch or more) (50-year record)	118.50
Mean number days thunderstorms (50-year record)	53.20

#### Prevailing winds (through 1963)

South

#### Relative Humidity (26-year record)

Midnight	79 percent
6 a.m.	84 percent
Noon	57 percent
6 p.m.	61 percent

Source: U.S. Department of Commerce, Environmental Science Services Administration, Climatological Data, 1991. 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. A 15% reduction is automatically granted for accounts receivable.

### STATE PROPERTY TAX RATES PER \$100 VALUATION

<u>Selected Classes of Property</u>	<u>1991 State Rate</u>	<u>Local Taxation Permitted</u>
Real Estate	\$0.187	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

### LOCAL PROPERTY TAX RATES PER \$100 VALUATION, 1991

<u>Taxing Jurisdiction</u>	<u>Real Estate</u>	<u>Finished Goods &amp; Tangibles</u>	<u>Motor Vehicles</u>
Calloway County	\$0.1870	\$0.2010	\$0.2010
School Districts:			
Calloway County	0.3500	0.3500	0.3500
Murray Independent	0.3610	0.3610	0.3510
Cities:			
Murray	0.3704	0.3704	0.3800

## EDUCATION

### Public Schools

	Murray Independent	Calloway County
Total Enrollment (Fall, 1991)	1,287	3,011
Accreditation	Southern Association of Schools and Colleges	Southern Association of Schools and Colleges
Pupil-Teacher Ratio (1990-91)	16.3-3	17.5-1
Percent High School Graduates to College (1990-91)	55.6	60.4
Expenditures Per Pupil (1990-91)	\$3,368.80	\$3,432.19

### Area Colleges and Universities

<u>Name</u>	<u>Location (Mileage from Murray)</u>	<u>Enrollment (Fall, 1991)</u>
Murray State University	Murray, Kentucky	8,328
Bethel College	McKenzie, Tennessee (38)	581
Paducah Community College	Paducah, Kentucky (49)	3,182
University of Tennessee at Martin	Martin, Tennessee (51)	5,494
Hopkinsville Community College	Hopkinsville, Kentucky(57)	3,083

## Murray State University

Established in 1922, Murray State University is one of eight tax-assisted, co-educational state universities in Kentucky, with an enrollment of approximately 8,300 students and a teaching faculty of about 350. Some 135 undergraduate programs of study, and a number of graduate offerings, are available in six academic colleges -- Business and Public Affairs, Education, Fine Arts and Communication, Humanistic Studies, Industry and Technology, and Science.

Known as a student-centered university where cost is affordable and emphasis is on academic excellence, Murray State is accredited by the Southern Association of Colleges and Schools. In addition, 34 of its academic programs have earned accreditations from 11 different national accrediting agencies.

The academic strength of Murray State is also reflected in an Honors Program; the Presidential Scholars Program, which provides full, four-year scholarships based on academic achievement and leadership to 12 freshmen each year; and a rapidly-growing program of international studies, which now offers exchange opportunities with universities on five other continents and in Central America.

Through its Center for Continuing Education, Murray State continues to meet the needs of the adult or non-traditional students. A new bachelor of independent studies (BIS) degree program, the first of its kind in Kentucky, was introduced in 1986. Off-campus offerings, night and weekend classes and correspondence in television courses have also been expanded with the adult student in mind. The Small Business Development Center meets needs of businesses in the area with assistance in starting and strengthening new and existing businesses. Seminars and programs offered by the Center focus on improving managerial skills, enhancing supervisory skills and expanding computer skills.

Murray State was designated by the Kentucky Council on Higher Education in the spring of 1984 for both a Center of Excellence for Ecosystems Studies and an Endowed Chair for Applied Ecosystem Ecology. Construction was completed on the campus in November, 1990, for the \$12.5 million Martha Layne Collins Center for Industry and Technology. It houses several nationally-accredited engineering technology and related programs offered in the College of Industry and Technology.

Recognized as a cultural center for the region, Murray State University offers public opportunities to attend lectures, recitals, concerts, musical and theatrical productions, and art exhibits. The campus is the home of a National Public Radio-affiliated 100,000-watt FM station, WKMS, which has a listening audience in five states.

A major point of interest on the 232-acre main campus in residential Murray is the National Museum of the Boy Scouts of America, which is highlighted by a variety of participatory exhibits, historical scouting memorabilia and a collection of original oil paintings by Norman Rockwell. 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.

## VOCATIONAL-TECHNICAL TRAINING

Kentucky Tech schools are operated by the Cabinet for Workforce Development and provide secondary (Sec) and postsecondary (P/S) vocational-technical training.

<u>Kentucky Tech Schools</u>	<u>Location (Mileage from Murray)</u>	<u>Number of Program Offerings</u>	<u>Cumulative Enrollment 1991-1992</u>	<u>Approximate Number Completing Programs Annually</u>
Murray Area Vocational Education Center	-	7	<u>Sec</u> 159 <u>P/S</u> 37	91
West Kentucky State Vocational-Technical School	Paducah (49)	29	<u>P/S</u> 1,169	218

### 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 existing, as well as new and expanding businesses and industries. Businesses and industries needing customized training or a continuing education program for its employees should simply contact a Training and Development Coordinator located at the Kentucky Tech West Region office in Madisonville.

### Assessment Services

Kentucky Tech Career Connections offers to business, education, and government agencies customized assessment in career inventories, interest inventories, psychomotor skills and academic potential as well as pre-hire assessment.

### Tech Prep

Tech Prep is a combined secondary and postsecondary program of studies that leads to an associate degree or diploma in a vocational-technical field. Murray State University is currently in the first year planning stages of its proposed tech prep program in Agriculture and Home Economics.

### Adult Basic Education

Adult education programs are available to adults who want to develop new skills, improve basic skills or earn a high school equivalency diploma. In Calloway County adult basic education is provided by the Adult Learning Center at Murray State University and literacy is provided through the Calloway County Adult Literacy Program.

### Bluegrass State Skills Corporation

The Bluegrass State Skills Corporation, an independent public corporation created and funded by the Kentucky General Assembly, provides programs of skills training to meet the needs of business and industry from entry level to advanced training, and from upgrading present employees to retraining experienced workers.

The Bluegrass State Skills Corporation is a major source for skills training assistance for a new or existing company. The Corporation works in partnership with other employment and job training resources and programs, as well as Kentucky's economic development activities, to package a program customized to meet the specific needs of a company.



## OTHER LOCAL FACILITIES

### Local Medical Personnel

Physicians - 47  
Dentists - 15

### Hospitals

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

Medical staff - 43 physicians, 144 registered nurses, 84 licensed practical nurses

### Other Medical Facilities and Services

Calloway County Health Department  
Medical Arts Building  
Murray-Calloway County Hospital  
Ambulance Service  
Calloway County Fire-Rescue, Inc.

### Banks and Savings and Loan Associations

Bank of Murray  
Peoples Bank of Murray  
Hopkinsville Federal Savings Bank  
Republic Savings Bank

### Newspapers

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

### Telephone Service

South Central Bell

## RECREATION

### Local

The city of Murray has a year-round supervised recreational program, with organized total-youth sports for children of the city and county. The city has a 100-acre park, a 20-acre park, two mini parks, three swimming pools (olympic, training, and infant), tennis courts, nine ball fields, two soccer fields, six covered pavilions, picnic areas, bike and hiking trails, and playground equipment available for public use. An 18-hole golf course and a par-3 golf course is located in Murray.

The Woodmen of the World Youth Camp, a private recreation club, purchased the Murray Tennis Center for utilization during their week-long camp. This camp includes activities such as tennis, golf, and archery.

Among youth sports programs offered by the city of Murray are baseball, soccer, basketball, boxing, karate, football, and swimming.

Murray State University has 16 lighted tennis courts; six racquetball courts; a lighted recreation field for softball, soccer, etc.; three indoor basketball courts; weight rooms; an indoor jogging track; parcourse; outdoor track; gymnastic room; several open playing fields; bowling lanes; outdoor recreation equipment rentals; and an indoor swimming pool. The Murray State University Racers are perennial challengers for major honors in the eight men's and five women's NCAA Division I intercollegiate sports in the Ohio Valley Conference.

Murray State University's Miller Memorial Golf Course features a practice range, chipping green, putting green, a PGA Pro, and 18 memorable holes of golf at an affordable price. Murray State also provides instruction in tennis, golf, racquetball, bowling, swimming, aerobics, weight training, karate, canoeing, sailing, caving, backpacking, rappelling, and other activities.

### Area (Within 50 miles)

Murray's location in the heart of Kentucky's Land of the Lakes region makes it an excellent recreation area. The city is located near two of the largest inland lakes in America - Kentucky Lake and Lake Barkley. The lakeland area offers numerous recreational facilities for water sports, fishing, boating and camping.

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

## COMMUNITY IMPROVEMENTS

Murray re-certified as a "Kentucky Certified City" in 1992, and is distinguished as a gold award winner recognizing nine consecutive years of certification. Re-certification is based on achievement in the following areas: existing industry assistance, small business assistance, educational resources, and community development factors of health care, public safety, arts and culture, recreation, governmental awareness and resources. The Certified Cities Program is sponsored by the Kentucky Chamber of Commerce

### Recent

Murray State University completed construction of the Martha Layne Collins Center for Industry and Technology. It houses several nationally-accredited engineering technology and related programs offered in the College of Industry and Technology.

A new community center was constructed in Calloway County. The facility has an auditorium and office space utilized by various community and charitable organizations.

Pascall Truck Lines is constructing a new truck terminal in Murray. The facility will be a three-building complex with one of the buildings already completed. The terminal is located on a seventeen-acre site adjacent to the Murray Industrial Park. Pascall Truck Lines, which is locally owned and operated, provides both interstate and intrastate service.

The Murray Water and Wastewater System recently expanded its water treatment plant capacity from five to seven million gallons per day. Total cost of the project was \$3.6 million. Under way is the construction of a 500,000-gallon elevated storage tank scheduled for completion July 1993 and costing approximately \$450,000.

### Under Way

The Murray-Calloway County Airport (Kyle-Oakley Field) has several improvements under way to upgrade its facility. These improvements include a localizer landing system, full-length parallel taxi-way, an automotive weather observation system, an above-ground fueling system for jet-A-fuel and aviation gasoline. The airport has in its master plan to extend the runway by 1,000 feet in the near future.

Murray Water and Wastewater System is in the process of upgrading its wastewater treatment facility. Improvements include, a 1.2 million-gallon sludge storage tank and a new sludge handling building containing a sludge press. Approximate cost is \$4.2 million and completion date is April 1994.

Widening of Chestnut Street to three lanes from 12th to 4th street is under way in Murray.

Murray-Calloway County Hospital is under way in expanding its out-patient surgery area.

## Planned

The City of Murray plans to construct a new municipal building. Police, fire and utility offices will be located in the new facility.

A new special events center is planned for Murray State University. This multi-purpose building will have a 10,000-seat auditorium for basketball games, shows, and concerts, and recreational facilities including a swimming pool and jogging track. This project is expected to cost \$20,000,000.

Implementation of the enhanced "911" emergency communications system is planned for the city of Murray.



# KENTUCKY