

1989

# Industrial Resources: Harlan County

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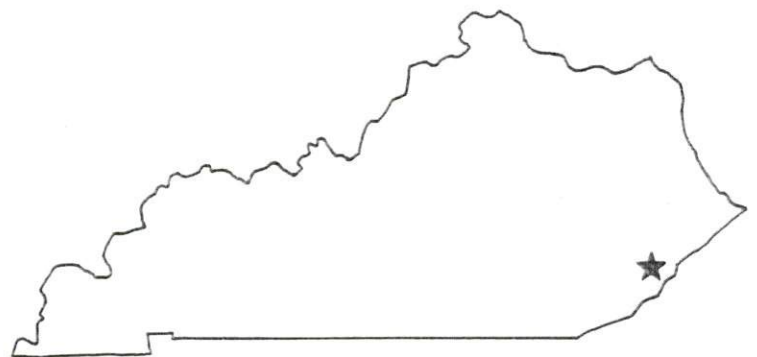
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# *Resources for Economic Development*

## Harlan County



**KENTUCKY**  
*Open for Business*

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RESOURCES FOR ECONOMIC DEVELOPMENT  
HARLAN COUNTY, KENTUCKY

Prepared by  
The Kentucky Cabinet for Economic Development  
Division of Research and Planning  
in cooperation with  
Harlan County Chamber of Commerce

1989

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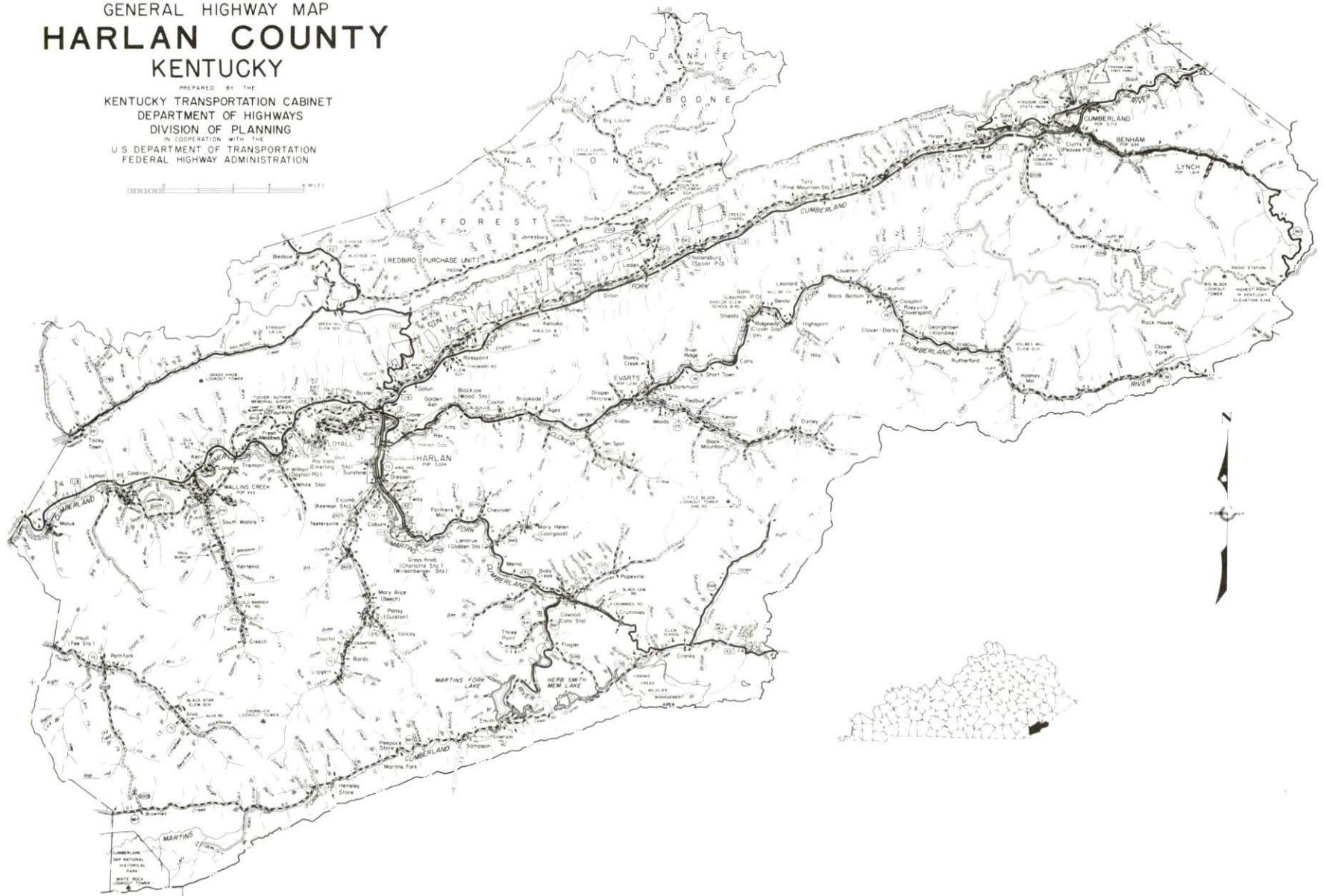
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GENERAL HIGHWAY MAP  
**HARLAN COUNTY**  
KENTUCKY

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

0 1 2 3 4 5 6 7 8 9 10 MILES



## HARLAN COUNTY, KENTUCKY - A RESOURCE PROFILE

Harlan County, located in southeastern Kentucky, is known for having the highest elevation in Kentucky. The county, with a 1987 estimated population of 40,400, has a land area of 468 square miles. Harlan, the county seat of Harlan County, had a 1986 estimated population of 3,070. Cumberland, the largest city in Harlan County, had a 1986 estimated population of 3,680. Benham and Lynch, located in eastern Harlan County adjacent to Cumberland, had 1986 populations of 1,010 and 1,390 respectively. Harlan is located 105 miles north of Knoxville, Tennessee; 153 miles southeast of Lexington, Kentucky; 226 miles southeast of Louisville, Kentucky; and 231 miles southeast of Cincinnati, Ohio.

**The Economic Framework** - The total number of Harlan County residents employed in 1988 averaged 10,400. Manufacturing firms in the county reported 270 employees; wholesale and retail trade provided 2,180 jobs; 1,300 people were employed in service occupations; state and local government accounted for 1,720 employees; and 3,085 people were employed by mining and quarrying operations.

**Labor Supply** - There is a current estimated labor supply of 39,960 persons available for industrial jobs in the labor market area. In addition, from 1989 through 1993, 14,400 young persons in the area will become 18 years of age and potentially available for industrial jobs.

**Transportation** - Major highways serving Harlan County include U.S. 119 and 421. The Daniel Boone Parkway is accessible 37 miles north of Harlan, while I-75 is located 68 miles west of Harlan. Ten trucking companies provide Harlan County with interstate and/or intrastate service. CSX Transportation provides main line rail service to Harlan County. Tucker-Guthrie Airport, two miles west of Harlan, maintains one paved 2,700-foot runway. Tri-City Airport, 14 miles southwest of Bristol, Tennessee, 100 miles south of Harlan, provides the nearest scheduled commercial airline service.

**Power and Fuel** - Electric power is provided to Harlan County by the Kentucky Utilities Company, the Benham Power Board and Cumberland Valley Rural Electric Cooperative Corporation. Natural gas service is not available in Harlan County at the present time.

**Education** - Primary and secondary education is provided to Harlan County by the Harlan Independent School System and the Harlan County School System. Four nonpublic schools operate in Harlan County. Southeast Community College, in Cumberland, offers two-year programs in computer repair/technology, management information systems technology, office administration, nursing, dental hygiene, and mining technology. Twelve additional institutions of higher learning are located within 105 miles of Harlan. Vocational training is provided to Harlan County by the Harlan State Vocational-Technical School, located in Harlan.



**HARLAN COUNTY LABOR MARKET AREA**  
With  
**MAJOR HIGHWAYS & RAILROAD SYSTEM**

Shaded area denotes Labor Market Area.

## LABOR MARKET STATISTICS

The Harlan County Labor Market Area includes Harlan County and the adjoining Kentucky counties of Bell, Leslie, Letcher, and Perry. The southeastern boundary of Harlan County is formed by the Kentucky-Virginia state line. The Labor Market Area may be supplemented by persons in Lee County, Virginia.

POPULATION			
	<u>1987*</u>	<u>1980</u>	<u>1970</u>
Labor Market Area	153,000	155,551	129,538
Harlan	3,070	3,024	3,318
Benham	1,010	936	1,000
Cumberland	3,680	3,712	3,380
Lynch	1,390	1,614	1,517
Harlan County	40,400	41,889	37,370

\* Population estimates. City estimates are for 1986.

Sources: U.S. Department of Commerce, Bureau of the Census, October 1988; University of Louisville, Urban Studies Center, Population Unit.

POPULATION PROJECTIONS				
	<u>1990</u>	<u>1995</u>	<u>2000</u>	<u>2010</u>
Labor Market Area	160,742	165,658	170,404	177,527
Harlan County	42,267	43,183	44,126	45,517

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

ESTIMATED LABOR SUPPLY					
	Current			Future	
	<u>Total</u>	<u>Unemployed</u>	<u>Employed Part-Time</u>	<u>Not in Labor Force</u>	<u>Becoming 18 years of age 1989 thru 1993</u>
Labor Market					
Area*	39,964	6,933	5,651	27,380	14,402
Harlan Co.	11,045	1,965	1,433	7,647	3,850

\* 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, 1987. Kentucky Cabinet for Economic Development, Future Labor Supply Becoming 18 Years of Age, 1989 thru 1993.

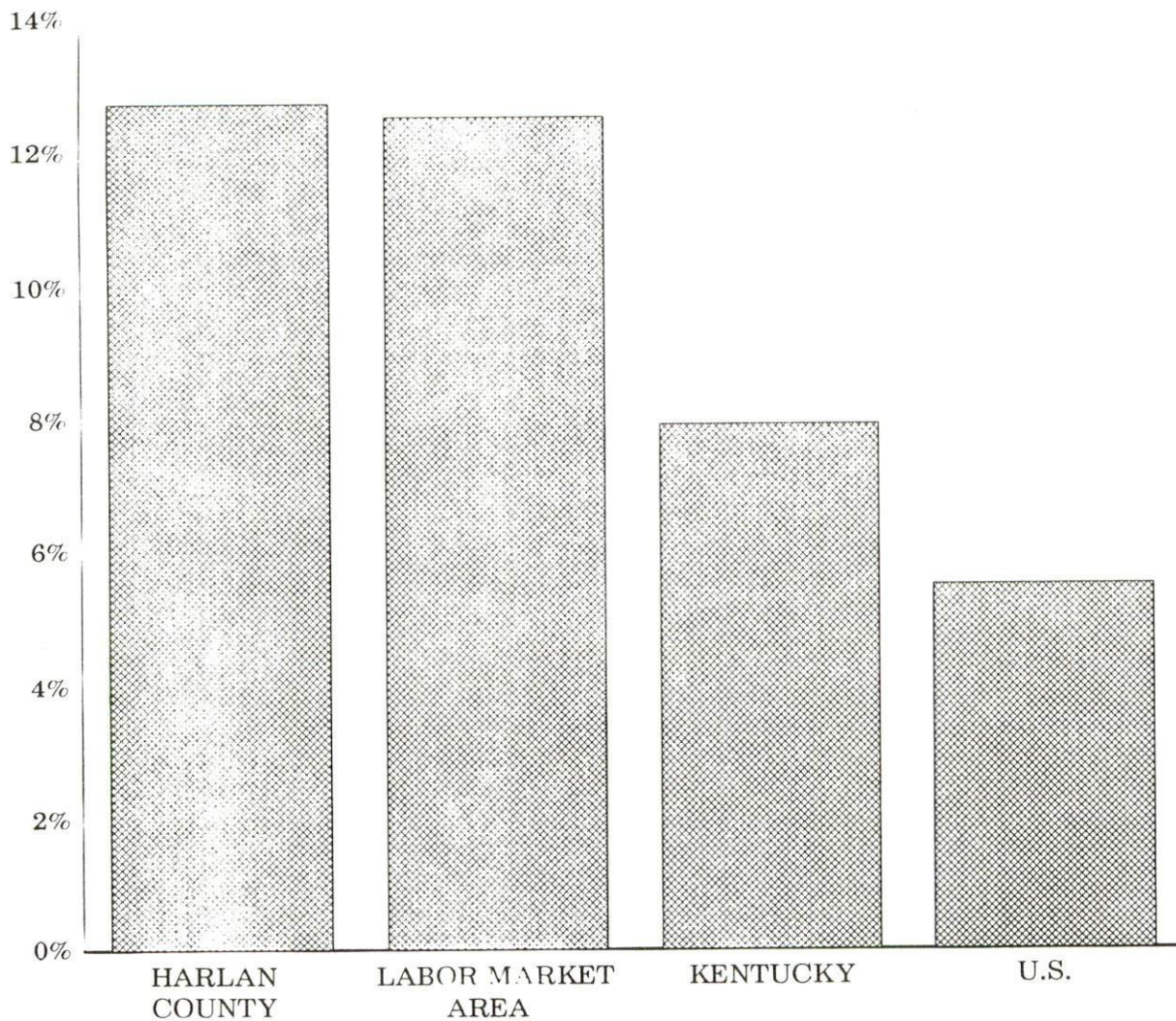


# LABOR FORCE CHARACTERISTICS OF RESIDENTS, 1988

	Harlan County	Labor Market Area
Civilian Labor Force	11,911	46,297
Employment	10,397	40,499
Unemployment	1,514	5,798
Rate of Unemployment (%)	12.7	12.5

Source: Kentucky Cabinet for Human Resources, Kentucky Labor Force Estimates, Annual Averages, 1988.

## UNEMPLOYMENT RATES 1988

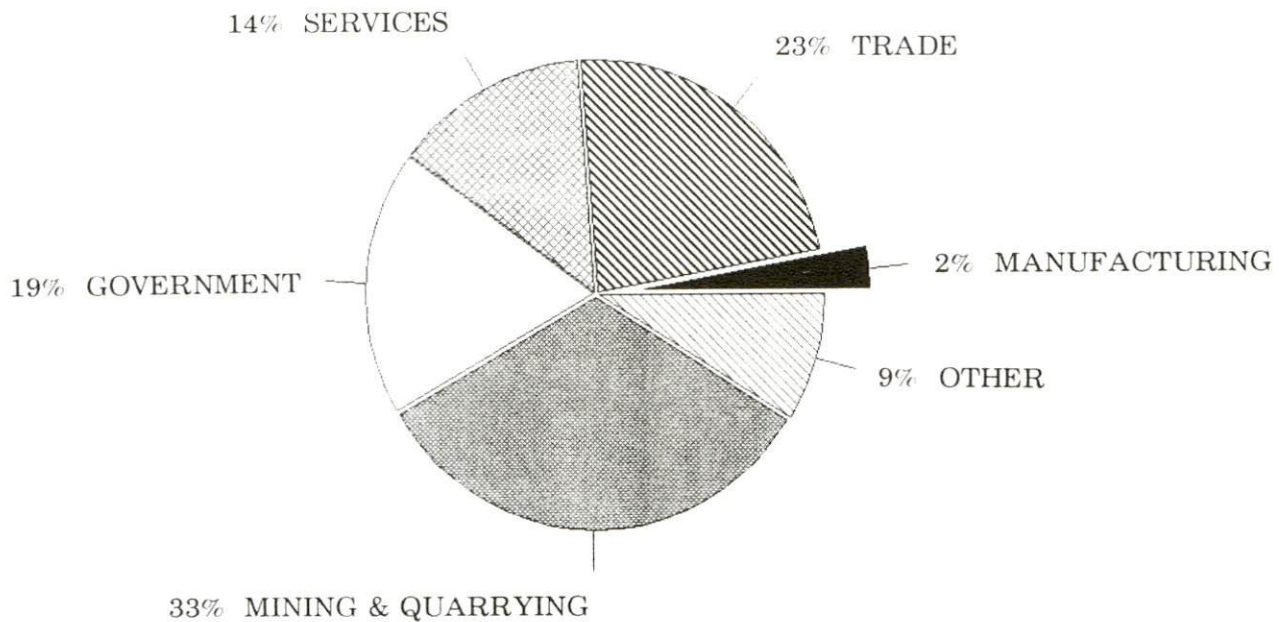


SELECTED COMPONENTS OF NONAGRICULTURAL EMPLOYMENT  
BY PLACE OF WORK, 1988

	Harlan County	Labor Market Area
All Industries (total)	9,393	35,373
Manufacturing	267	1,752
Wholesale & Retail Trade	2,183	8,381
Services	1,303	6,037
State/Local Government	1,720	6,489
Mining and Quarrying	3,085	8,751

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, 1988.

HARLAN COUNTY



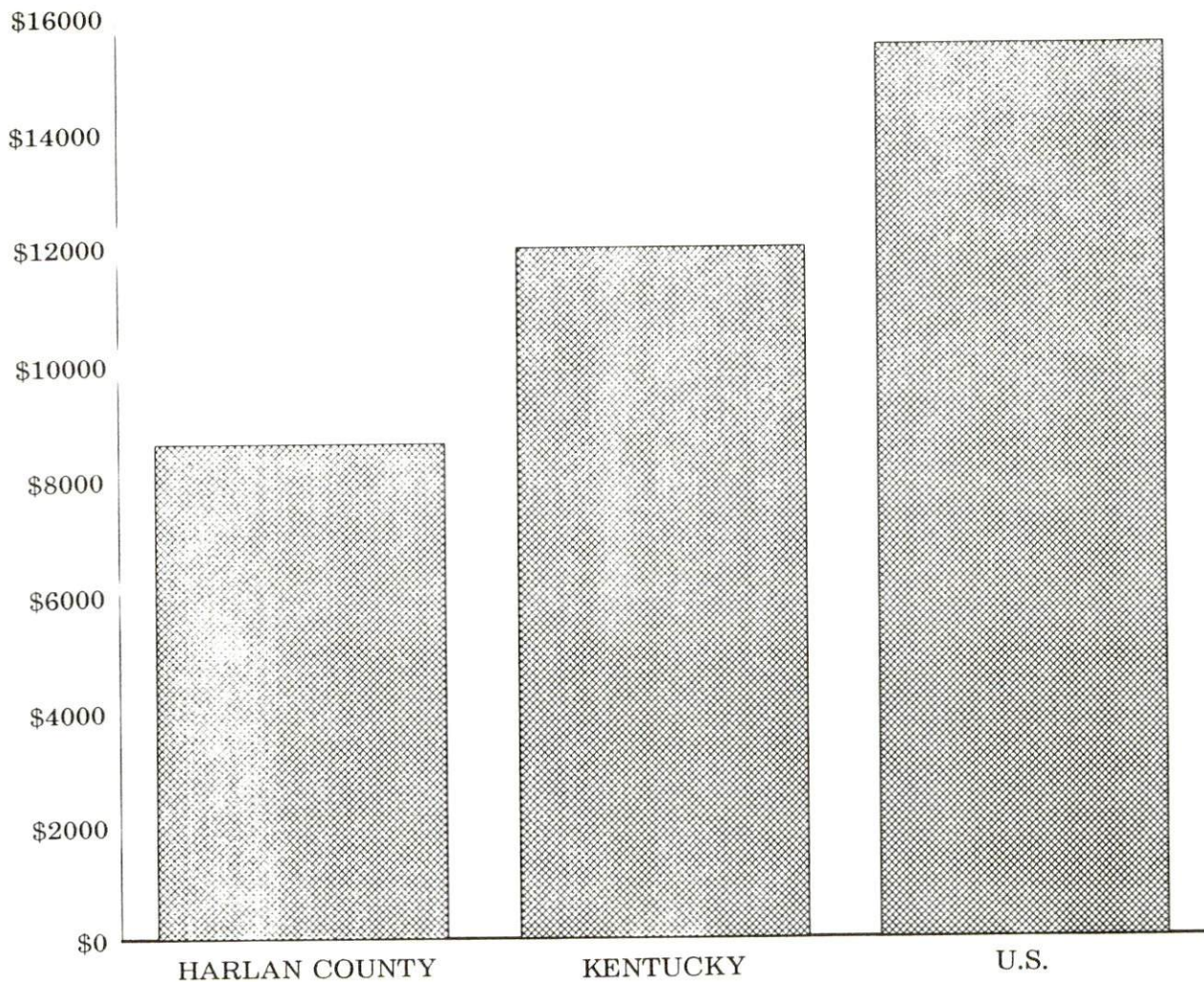


PER CAPITA PERSONAL INCOME

<u>Area</u>	<u>1983</u>	<u>1987</u>	<u>Percent Change</u>
Harlan County	\$7,401	\$8,621	16.5
Labor Market Area Range	\$5,624 - 8,470	\$7,186 - 10,255	-
Kentucky	\$9,513	\$11,997	26.1
U.S.	\$12,098	\$15,484	28.0

Sources: U.S. Bureau of Economic Analysis, Kentucky Economic Information System, August 1988 and April 1989.

PER CAPITA PERSONAL INCOME  
1987





## AVERAGE PLACEMENT WAGES

Harlan County is served by the Harlan local office of the Kentucky Department for Employment Services. The focus of the following data is on job placements made by the Harlan 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, 1988, the local employment office filled 970 job openings in various occupational categories. The average hourly wage for selected occupational categories were:

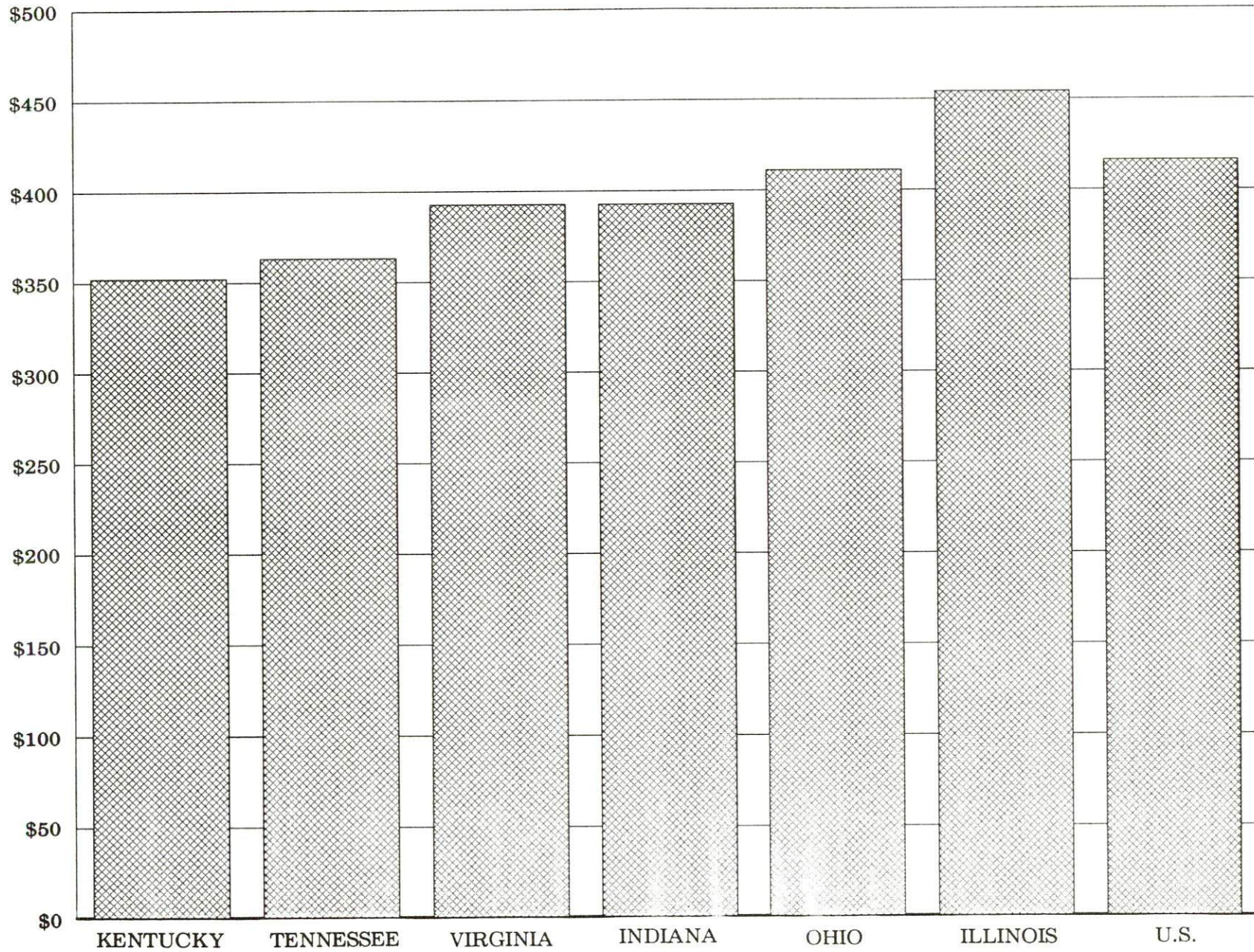
<u>OCCUPATIONAL CATEGORY</u>	<u>NUMBER OF PLACEMENTS</u>	<u>AVERAGE WAGE(\$)</u>
All Occupations	970	4.15
Clerical	355	3.44
Sales	59	3.80
Services (excluding domestic)	232	3.41
Agricultural, Fishery, Forestry, etc.	4	3.48
Processing	33	5.92
Machine Trades	23	8.58
Bench Work	4	5.15
Structural	43	4.05
Motor Freight/ Transportation	24	4.14
Packaging and Materials Handling	90	3.46
Other	65	9.90

The Harlan local office serves Harlan County only. The above occupational categories are taken from the Dictionary of Occupational Titles published by the U.S. Department of Labor.

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



AVERAGE WEEKLY WAGES OF WORKERS COVERED BY  
UNEMPLOYMENT INSURANCE F. Y. 1987-88





AVERAGE WEEKLY WAGES BY INDUSTRY  
BY PLACE OF WORK, 1988

	Harlan County	Kentucky (State- Wide)	Tennessee	Virginia
All Industries	\$383.29	\$352.31	\$363.12	\$392.56
Mining & Quarrying	594.23	603.27	495.85	596.88
Contract Construction	409.89	380.71	394.27	422.27
Manufacturing	309.45	464.92	416.73	452.60
Transportation, Communications & Public Utilities	343.94	468.17	485.13	554.17
Wholesale & Retail Trade	197.34	238.88	N/A	N/A
Finance, Insurance & Real Estate	359.04	401.17	269.27	466.23
Services	320.01	298.98	343.48	391.67
State/Local Government	308.14	377.81	403.21	457.00
	<u>Indiana</u>	<u>Ohio</u>	<u>Illinois</u>	<u>U. S.</u>
All Industries	\$392.63	\$411.08	\$454.10	\$416.33
Mining & Quarrying	635.77	579.73	674.62	660.40
Contract Construction	449.87	465.46	584.10	469.85
Manufacturing	532.06	569.98	555.83	517.62
Transportation, Communications & Public Utilities	502.69	519.17	584.83	542.33
Wholesale & Retail Trade	N/A	N/A	N/A	N/A
Finance, Insurance & Real Estate	406.58	444.33	579.88	532.52
Services	317.98	348.48	402.38	384.31
State/Local Government	395.31	428.10	453.12	442.71

\* Not disclosed.

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, 1988. U.S. Department of Labor, Bureau of Labor Statistics, Average Annual Pay by State and Industry, August 29, 1989.

## EXISTING INDUSTRY

### HARLAN COUNTY MANUFACTURING FIRMS, THEIR PRODUCTS AND EMPLOYMENT

<u>Firm</u> <u>(Establishment date)</u>	<u>Product</u>	<u>1988</u> <u>Average Employment</u>
<b>Cumberland</b>		
Cumberland Mine Service, Inc. (1980)	Metal fabrication	14
<b>Evarts</b>		
Forest Products, Inc. (1964)	Rough lumber, mine materials, crossties, wood chips	26
<b>Harlan</b>		
Concrete and Masonry Products of Harlan, Inc. (1983)	Concrete blocks	17
Durham Printing, Inc. (1939)	Job printing	5
Gaines Lumber Company, Inc. (1944)	Rough kiln dried & dressed lumber, wood chips, walnut hickory & poplar veneer logs	25
Harlan Machine and Electric Company (1944)	Machine shop & mine motor repair, transformer rewinding	12
Harlan Newspapers, Inc., The Harlan Daily Enterprise (1901)	Newspaper	30
Harlan Paving and Con- struction Company, M & F Ready Mix Concrete (1961)	Asphalt, ready mixed concrete	10
Harlan Ready Mix Concrete (1956)	Ready mixed concrete	11
National Electric Service, Inc. (1967)	Machine shop, electrical coils and motor winding	20
Swensen's of Harlan (1983)	Ice cream	3

(Continued)

<u>Firm</u> <u>(Establishment date)</u>	<u>Product</u>	<u>1988</u> <u>Average Employment</u>
Loyall		
Harlan Nehi Bottling Company (1937)	Soft drinks	11
J & R Printing, Inc. (1974)	Commercial printing	5
Mountain Construction Company, Concrete Division (1972)	Ready mixed concrete	3
Wallins Creek		
Saylor Electric and Equipment Company (1980)	Electrical power centers, junction boxes, sub- substations	5

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Sources: Kentucky Cabinet for Economic Development, 1989 Kentucky Directory of Manufacturers; Division of Research and Planning.

#### LABOR ORGANIZATIONS IN MANUFACTURING FIRMS

There are no labor unions representing workers in Harlan County manufacturing firms at the present time.



# SELECTED INDUSTRIAL SERVICES

<u>Types of Services</u>	<u>Location</u>	<u>Mileage from Harlan</u>
Custom Data Processing	Middlesboro, Kentucky	46
Custom Plastics Producers	Middlesboro, Kentucky	46
Electric Motor Repair	Harlan, Kentucky	-
Grinding, Precision & Tool	Richmond, Kentucky	129
Heat Treating Facilities	Morristown, Tennessee	98
Industrial Equipment & Supplies	Knoxville, Tennessee	105
Industrial Gases	Manchester, Kentucky	65
	Corbin, Kentucky	67
Industrial Waste Removal	Knoxville, Tennessee	105
Machine Shops, Tool & Die	Harlan, Kentucky	-
Metal Castings	Middlesboro, Kentucky	46
Metal Finishers	Richmond, Kentucky	129
Metal Service Centers	Pikeville, Kentucky	95
Millwrights	Knoxville, Tennessee	105
Public Warehouse Facilities	Lexington, Kentucky	153

Sources: Kentucky Cabinet for Economic Development, Kentucky Directory of Selected Industrial Services, 1987; Division of Research and Planning.

## TRANSPORTATION

### Highways

Major highways serving Harlan County include U.S. Highways 119 and 421, both "AAA"-rated (80,000-pound gross load limit) trucking highways. Harlan County is also served by Kentucky Highways 38, 160, and 221. The Daniel Boone Parkway, a multi-lane toll-road, is located 37 miles north of Harlan via U.S. 421. Interstate 75 is located 68 miles west of Harlan via U.S. 119 and 25E.

An upgrade of Kentucky Highway 38 from Harlan to Evarts is under way. In addition, a 5.2-mile extension of U.S. Highway 119 at Cumberland and the rebuilding of U.S. 421 through Cawood is also under way.

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

City	Highway Miles	City	Highway Miles
Atlanta, GA	300	Los Angeles, CA	2,286
Baltimore MD	585	Louisville, KY	226
Birmingham, AL	355	Nashville, TN	283
Chicago, IL	496	New Orleans, LA	695
Cincinnati, OH	231	New York, NY	774
Cleveland, OH	471	Pittsburgh, PA	437
Detroit, MI	489	St. Louis, MO	484
Knoxville, TN	105		

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

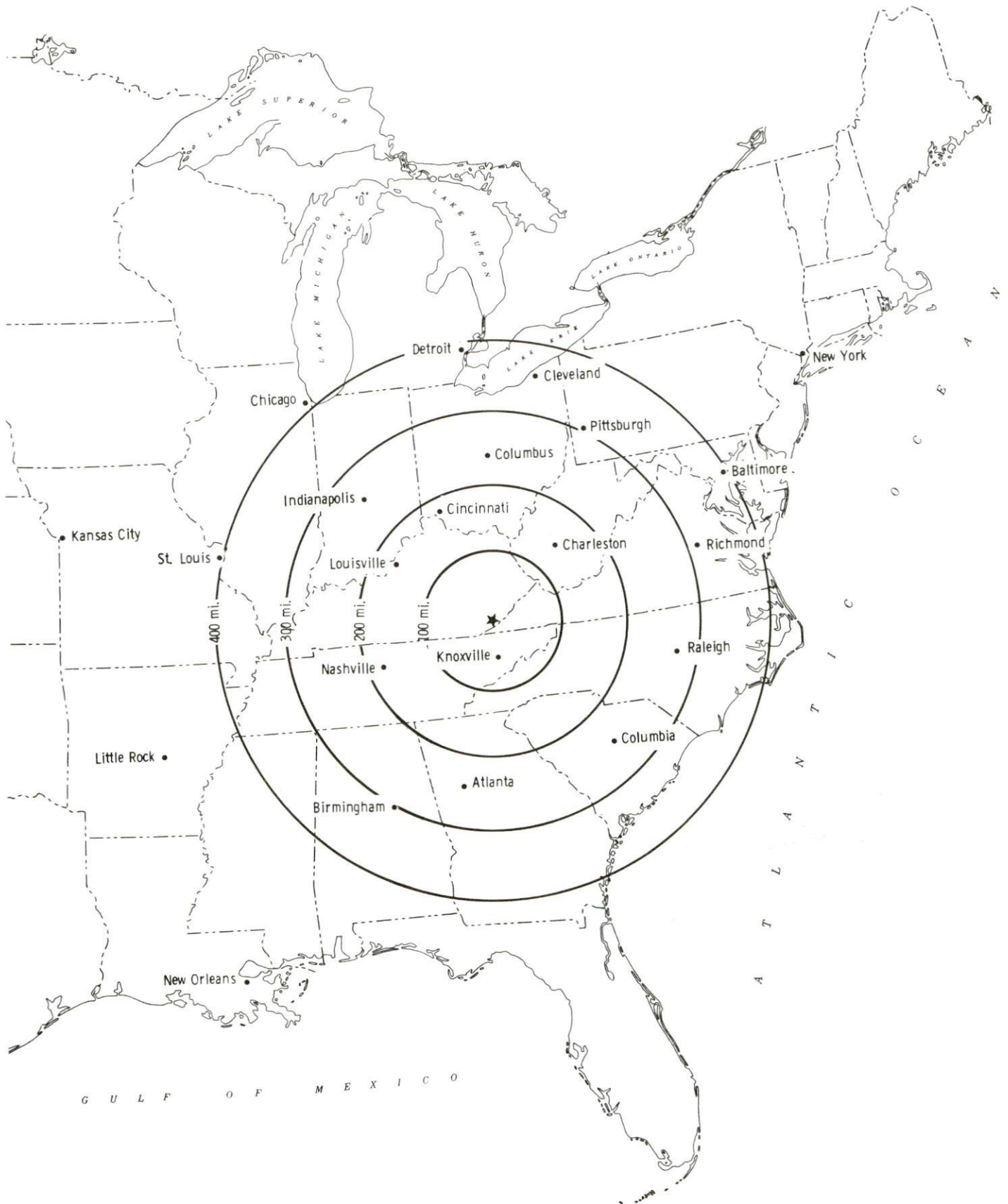
Sources: Rand McNally Deluxe Motor Carriers' Road Atlas, 1989. Official Kentucky Mileage Map, 1980.

### Truck Service

Ten motor carriers provide interstate and/or intrastate trucking service in Harlan County.

Source: American Motor Carrier Directory, Fall 1989.

## Selected Market Centers



## Rail

CSX Transportation provides main line rail service to Harlan County. The nearest piggyback facilities are located at Kingsport, Tennessee, 66 miles southeast of Harlan.

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

Manager  
Industrial Development  
CSX Transportation  
908 West Broadway  
P. O. Box 2157  
Louisville, Kentucky 40201  
(502) 587-7746

## Air

### Local

	Tucker-Guthrie Airport
Location:	2 miles west of Harlan
Runways:	1 paved
Length:	2,700 feet
Traffic	
Control:	Wind sock
Lighting:	None
Services:	100LL fuel

### Nearest Scheduled Commercial Airline Service

	Tri-City Airport
Location:	14 miles southwest of Bristol, Tennessee; 100 miles south of Harlan
Air Service:	USAir, United Express, American Eagle, Atlantic Southeast, ComAir, Eastern Metro Express, C.C. Air
Daily Arrivals & Departures:	76



## UTILITIES

### Electricity

Company serving Benham - Benham Power Board  
Source of power - Kentucky Utilities Company  
For industrial rates contact:

Industrial Development Department  
Kentucky Utilities Company  
One Quality Street  
Lexington, Kentucky 40507  
(606) 255-1461

and/or

Benham Power Board  
P. O. Box E  
Benham, Kentucky 40807  
(606) 848-5506

Company serving Cumberland, Harlan, Lynch, and southern portion of  
Harlan County - Kentucky Utilities Company  
Source of power - Kentucky Utilities Company  
For industrial rates contact:

Industrial Development Department  
Kentucky Utilities Company  
One Quality Street  
Lexington, Kentucky 40507  
(606) 255-1461

Company serving portions of Cumberland and northern Harlan County -  
Cumberland Valley Rural Electric Cooperative Corporation  
Source of power - East Kentucky Power Cooperative  
For industrial rates contact:

Industrial Development Division  
East Kentucky Power Cooperative  
P. O. Box 707  
Winchester, Kentucky 40391  
(606) 744-4812

and/or

Cumberland Valley RECC  
U.S. Highway 25E  
Gray, Kentucky 40734  
(606) 528-2677 or (606) 546-9295



## Natural Gas

Natural gas service is not available in Harlan County at the present time.

## Public Water Supply

Company serving Harlan - Harlan Municipal Water Works  
P. O. Drawer A  
125 River Street  
Harlan, Kentucky 40831  
(606) 573-1540

Source - Poor Fork Branch of Cumberland River  
Treatment plant capacity - 2,000,000 gallons per day  
Average daily consumption - 1,000,000 gallons  
Peak daily consumption - 1,250,000 gallons  
Storage capacity - 1,200,000 gallons  
Water pressure - 30 psi to 100 psi

The Harlan Municipal Water Works recently extended water service to Dayhoit and Fresh Meadows. Total cost of the project exceeded \$500,000.

Company serving Benham - City of Benham Water System  
P. O. Box E  
Benham, Kentucky 40807  
(606) 848-2914

Source - Abandoned mines  
Treatment plant capacity - 216,000 gallons per day  
Average daily consumption - 150,000 gallons  
Peak daily consumption - 224,000 gallons  
Storage capacity - 508,000 gallons  
Water pressure - 20 psi to 280 psi

Company serving Cumberland - Cumberland Water Treatment Plant  
U.S. Highway 119  
Cumberland, Kentucky 40823  
(606) 589-4024

Source - Poor Fork River and wells  
Treatment plant capacity - 1,400,000 gallons per day  
Average daily consumption - 175,000 gallons  
Peak daily consumption - 200,000 gallons  
Storage capacity - 1,020,000 gallons  
Water pressure - 40 psi to 80 psi

(Continued)

Company serving Lynch - Lynch Water Treatment Plant  
Kentucky Highway 160  
Lynch, Kentucky 40855  
(606) 848-2282

Source - Big Looney Creek

Treatment plant capacity -	1,200,000 gallons per day
Average daily consumption -	629,000 gallons
Peak daily consumption -	737,000 gallons
Storage capacity -	650,000 gallons
Water pressure -	60 psi to 100 psi

## Sewerage

Company serving Harlan - City of Harlan Sewage Treatment Plant  
P. O. Box 783  
Harlan, Kentucky 40831  
(606) 573-5833

Design capacity -	500,000 gallons per day
Average daily flow -	At capacity
Type of treatment -	Primary and secondary
Treated effluent discharged into -	Cumberland River

The City of Harlan is currently exploring sources of revenue to construct a new wastewater treatment plant.

Company serving Benham - City of Benham Sewer System  
P. O. Box E  
Benham, Kentucky 40807  
(606) 848-2971

Design capacity -	180,000 gallons per day
Average daily flow -	77,488 gallons
Type of treatment -	Primary
Treated effluent discharged into -	Big Looney Creek

The City of Benham is planning to upgrade its existing wastewater treatment facility and increase the availability of raw water.

Company serving Cumberland - Cumberland Sewage Treatment Plant  
River Road  
Cumberland, Kentucky 40823  
(606) 589-4022

Design capacity -	500,000 gallons per day
Average daily flow -	260,000 gallons
Type of treatment -	Secondary
Treated effluent discharged into -	Poor Fork River

The City of Cumberland is planning to upgrade its existing wastewater treatment plant. Total cost of the project is estimated at \$750,000.

Company serving Lynch - City of Lynch Wastewater Treatment Plant  
P. O. Box 667  
Lynch, Kentucky 40855  
(606) 848-2873

Design capacity -	1,400,000 gallons per day
Average daily flow -	300,000 gallons
Type of treatment -	Primary
Treated effluent discharged into -	Big Looney Creek

## CLIMATE

### Harlan County

#### Temperature

Normal (30-year record)	55.90 degrees
Average annual 1987	56.70 degrees
Record highest, July 1952 (42-year record)	102.00 degrees
Record lowest, January 1985 (42 year record)	-21.00 degrees
Normal heating degree days (30-year record)	4,356
(Heating degree day totals are the sums of negative departures of average daily temperatures from 65 degrees F.)	

#### Precipitation

Normal (30-year record)	41.24 inches
Mean annual snowfall (50-year record)	16.50 inches
Total precipitation 1987	33.28 inches
Mean number days precipitation (.01 inch or more) (42-year record)	133.20
Mean number days thunderstorms (44-year record)	43.30

#### Prevailing winds (through 1963)

Northeast

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

1 a.m.	80 percent
7 a.m.	85 percent
1 p.m.	57 percent
7 p.m.	63 percent

Source: U.S. Department of Commerce, Environmental Science Services Administration, Climatological Data, 1987. Station of record: Bristol, Johnson City, Kingsport, Tennessee.

## LOCAL GOVERNMENT

### Structure

Harlan County is governed by a county judge/executive and five magistrates. Each official is elected to a four-year term. Harlan, Benham, Cumberland and Lynch are each governed by a mayor serving a four-year term. Harlan and Cumberland each elect seven council members, while Benham and Lynch elect six members each. All council members are elected to a two-year term each.

### Planning and Zoning

Harlan County is not served by a planning and zoning commission at the present time.

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 Harlan levies a variable business license fee depending on the amount of sales; a \$10.25 fee is charged for automobiles; building permits are \$19.50. The City of Benham levies a business license fee ranging from \$10 to \$100. The City of Cumberland levies a business license fee ranging from \$35 to \$400. The City of Lynch levies a business license fee ranging from \$10 to \$200; a \$7.50 fee is charged for automobiles.



## State and Local Property Taxes

All property in Kentucky, except items exempted by the state constitution, is taxed by the state. Property which also may be taxed by local jurisdictions includes land and buildings, finished goods inventories, automobiles, trucks, office furniture and office equipment. Local taxing jurisdictions in Kentucky include counties, cities, and school districts.

All property in Kentucky is assessed at 100 percent of fair cash value.

### COMBINED STATE AND LOCAL RATES PER \$100 VALUATION, 1988

	Benham	Cumberland	Lynch
Land and Buildings	\$1.067	\$1.232	\$0.772
Manufacturing			
Machinery	0.150	0.150	0.150
Pollution Control			
Equipment	0.150	0.150	0.150
Inventories			
Raw Materials	0.001	0.001	0.001
Goods in Process	0.001	0.001	0.001
Finished Goods	0.5923	1.0523	0.5923
Automobiles & Trucks	0.9603	1.4203	0.9603
Other Tangible			
Personal Property	1.0413	1.5013	1.0413
Intangibles (Accounts receivable*, money in hand, stock, notes, bonds)	0.250	0.250	0.250
Goods Stored in Public Warehouses in Transit			
Status	0.001	0.001	0.001
Private Leaseholds in Industrial Revenue Bond Financed Facilities	0.015	0.015	0.015

(Continued)

	Harlan and Harlan Independent School District	Harlan and Harlan County School District	Unincorporated Harlan County
Land and Buildings	\$1.216	\$1.102	\$0.772
Manufacturing			
Machinery	0.150	0.150	0.150
Pollution Control			
Equipment	0.150	0.150	0.150
Inventories			
Raw Materials	0.001	0.001	0.001
Goods in Process	0.001	0.001	0.001
Finished Goods	1.0903	0.9123	0.5923
Automobiles & Trucks	1.6113	1.2803	0.9603
Other Tangible			
Personal Property	1.5393	1.3613	1.0413
Intangibles (Accounts receivable*, money in hand, stock, notes, bonds)	0.250	0.250	0.250
Goods Stored in Public Warehouses in Transit			
Status	0.001	0.001	0.001
Private Leaseholds in Industrial Revenue Bond Financed Facilities	0.015	0.015	0.015

\* Accounts receivable are taxed at 85 percent of face value, for an effective rate of \$0.2125 per \$100 valuation.

## EDUCATION

### Public Schools

	Harlan Independent	Harlan County
Total Enrollment (Fall, 1988)	1,068	6,773
Pupil-Teacher Ratio (1987-88)	17-1	19-1
Percent High School Graduates to College (1987-88)	70.6	43.7
Expenditures Per Pupil (1987-88)	\$2,457.94	\$2,329.46

### Nonpublic Schools

<u>School</u>	<u>Enrollment</u>	<u>Grades</u>
Holy Trinity Elementary	80	K-8
Living Waters Christian Elementary	20	K-7
St. Stephen Elementary	35	K-8
Woodland Hills Christian Elementary	150	K-8

### Area Colleges and Universities

<u>Name</u>	<u>Location (Miles from Harlan)</u>	<u>Enrollment (Fall, 1988)</u>
Southeast Community College	Cumberland, Kentucky (23)	1,603
Union College	Barbourville, Kentucky (51)	1,048
Lincoln Memorial University	Harrogate, Tennessee (52)	1,582
Clinch Valley College of the University of Virginia	Wise, Virginia (52)	1,688
Hazard Community College	Hazard, Kentucky (56)	1,042
Cumberland College	Williamsburg, Kentucky (71)	1,904
Alice Lloyd College	Pippa Passes, Kentucky (74)	507
Sue Bennett College	London, Kentucky (79)	551
Lees College	Jackson, Kentucky (80)	432
King College	Bristol, Tennessee (86)	589
Johnson Bible College	Knoxville, Tennessee (105)	429
Knoxville College	Knoxville, Tennessee (105)	1,363
University of Tennessee at Knoxville	Knoxville, Tennessee (105)	24,361



## Southeast Community College

Southeast Community College, a member of the University of Kentucky Community College System, is located in Cumberland, 23 miles northeast of Harlan. Additional classes are offered at Harlan, Evarts, Jenkins, Middlesboro, Pineville and Whitesburg. Southeast Community College, with a Fall 1989 enrollment of 1,735, offers two-year programs in computer repair/technology, management information systems technology, office administration, nursing, dental hygiene, and mining technology. The college also has a quality program that provides students the opportunity to transfer to a four-year institution.

## Vocational Training

Vocational training is available at both the state vocational-technical schools and the area vocational education centers. The state vocational-technical schools are post-secondary institutions. The area vocational education centers are designed to supplement the curriculum of high school students. Both the state vocational-technical schools and the area vocational education centers offer evening courses to enable working adults to upgrade current job skills.

Arrangements can be made to provide training in the specific production skills required by an industrial plant. Instruction may be conducted either in the vocational school or in the industrial plant, depending upon the desired arrangement and the availability of special equipment.

## 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 the primary 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.

<u>Vocational School</u>	<u>Location (Miles from Harlan)</u>	<u>Enrollment Fall, 1987</u>
Harlan State Vocational-Technical School	Harlan	510
Bell County Area Vocational Education Center	Pineville (33)	623
Leslie County Area Vocational Education Center	Hyden (33)	412

## OTHER LOCAL FACILITIES

### Local Medical Personnel

Physicians - 37  
Dentists - 8

### Hospitals

<u>General Hospital</u>	<u>Location</u>	<u>Beds</u>
Harlan Appalachian Regional Hospital	Harlan	179

Medical staff - 32 active staff physicians, 63 registered nurses, 27  
licensed practical nurses,

### Other Medical Facilities and Services

Cloverfork Clinic  
Cumberland River Comprehensive Care Center  
Daniel Boone Clinic  
Harlan Clinic  
Harlan County Health Department  
Home Health Service  
Lynch Clinic  
Pine Mountain Clinic  
Harlan County Rescue Squad  
Tri-City Rescue Squad (Cumberland)  
Ambulance Service (provided by six companies)

### Banks and Savings & Loan Associations

Guaranty Deposit Bank (Cumberland)  
Bank of Harlan  
Harlan Federal Savings and Loan Association  
Harlan National Bank  
Home Federal Savings Bank  
Middlesboro Federal Savings and Loan Association (Cumberland)

### Newspapers

Harlan Daily Enterprise (Harlan) - daily  
Tri-City News (Cumberland) - weekly

### Telephone Service

Continental Telephone of Kentucky  
Leslie County Telephone Company, Inc.  
South Central Bell

## RECREATION

### Local

Harlan County offers excellent recreational facilities throughout the county. Harlan has a public park, a 20-lane bowling alley, and an indoor movie theater. The Benham Community Recreation Park provides an assortment of playground equipment. The Loyall Recreation Park maintains tennis courts, a swimming pool, and a clubhouse.

Kingdom Come State Park, near Cumberland, Kentucky, contains 961 beautiful mountain acres. It is named for John Fox, Jr.'s, "The Little Shepherd of Kingdom Come", which was written in 1903 and was the first U.S. novel to sell one million copies. Features include a three-acre fishing lake, a picnic area, a hiking trail, a playground, and Raven Rock, a fascinating stone formation with a large cave opening at the base. The park is located on the midway point of the Little Shepherd Trail, a hiking and driving trail which follows Pine Mountain from Harlan to Whitesburg.

Other recreational facilities include three country clubs with golf courses available at each facility, Camp Blanton, Hagan Trail, Pine Mountain Caves, Henderson Settlement Trail, Lewis Museum, Stone Canyon and Black Mountain.

Little Shepherd Trail, a 38-mile road along the crest of Pine Mountain, is available for hiking, camping, and picnicking.

Cranks Creek Lake, located in southern Harlan County, offers a boat dock, boat rentals, swimming, fishing, camping and picnic areas.

Martins Fork Lake offers boating, fishing, swimming, a picnic area, and a shelter house.

There are plans to develop a Black Mountain Coal Mining Museum in Harlan County. The Kentucky-Virginia joint venture may include a ski resort development. No date for construction has been set.

### Area (Within 80 miles)

Buckhorn Lake State Resort Park  
Cumberland Gap National Historic Park  
Daniel Boone National Forest  
Dr. Thomas Walker State Shrine  
Levi Jackson Wilderness Road State Park  
Pine Mountain State Resort Park



## COMMUNITY IMPROVEMENTS

### Recent

The Harlan Municipal Water Works recently extended water service to Dayhoit and Fresh Meadows. Total cost of the project exceeded \$500,000.

The City of Harlan recently instituted a downtown revitalization program which includes store front refurbishment, construction of new sidewalks, planting trees, and general aesthetic improvements.

United Parcel Services recently opened a new terminal and offices in Harlan.

The construction of Eastbrook Subdivision, a multi- and single-family residential development, was recently completed. Total cost of the project was approximately \$1.5 million.

### Under Way

An upgrade of Kentucky Highway 38 from Harlan to Evarts is under way. In addition, a 5.2-mile extension of U.S. Highway 119 at Cumberland and the rebuilding of U.S. 421 through Cawood is also under way.

As a flood control effort, the U.S. Army Corps of Engineers is currently in the process of rerouting the Cumberland River at Harlan.

A new medical complex for housing doctors' offices is under way.

### Planned

The City of Cumberland is planning to upgrade its existing wastewater treatment plant. Total cost of the project is estimated at \$750,000.

The City of Benham is planning to upgrade its existing wastewater treatment facility and increase the availability of raw water.

There are plans to develop a Black Mountain Coal Mining Museum in Harlan County. The Kentucky-Virginia joint venture may include a ski resort development. No date for construction has been set.



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