

1971

Industrial Resources: Harlan County - Cumberland, Benham & Lynch

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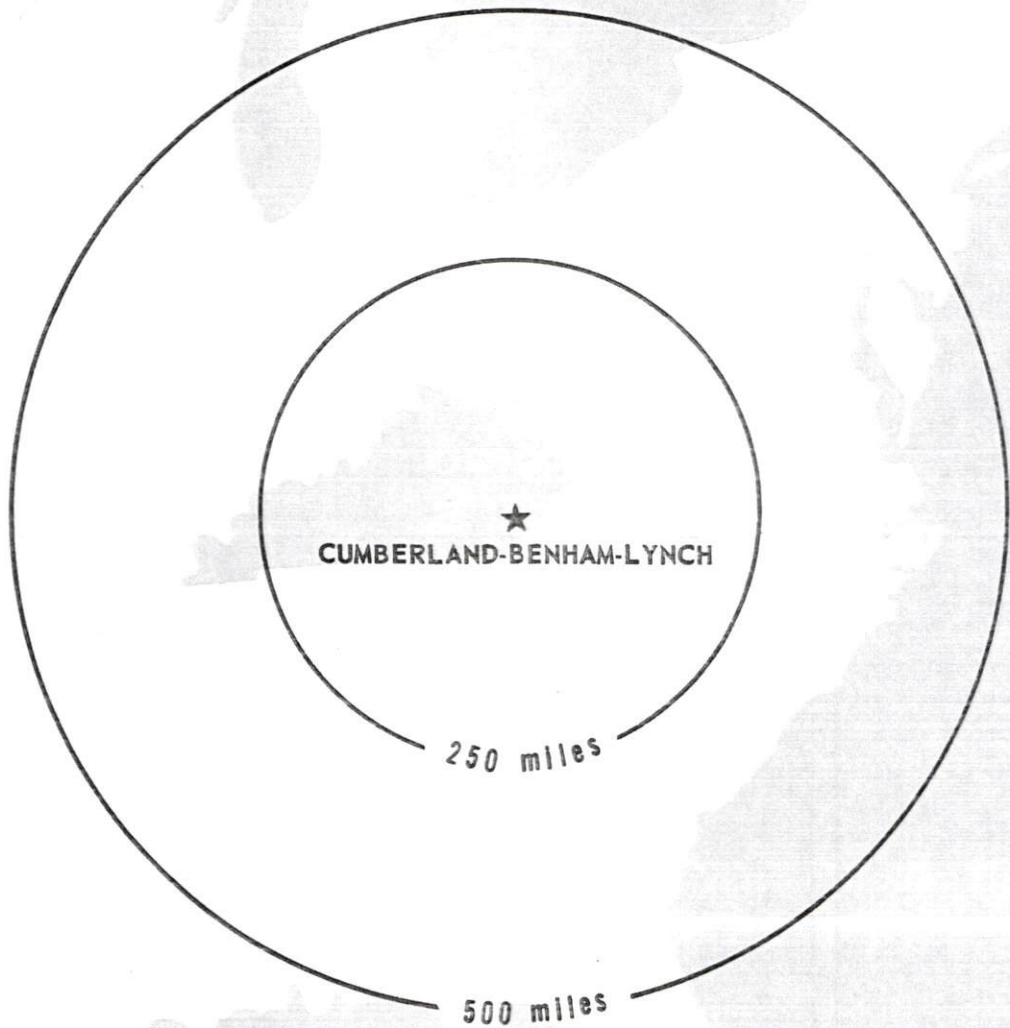
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**INDUSTRIAL
RESOURCES**

**CUMBERLAND-BENHAM-LYNCH
KENTUCKY**



CUMBERLAND INDUSTRIAL SITE

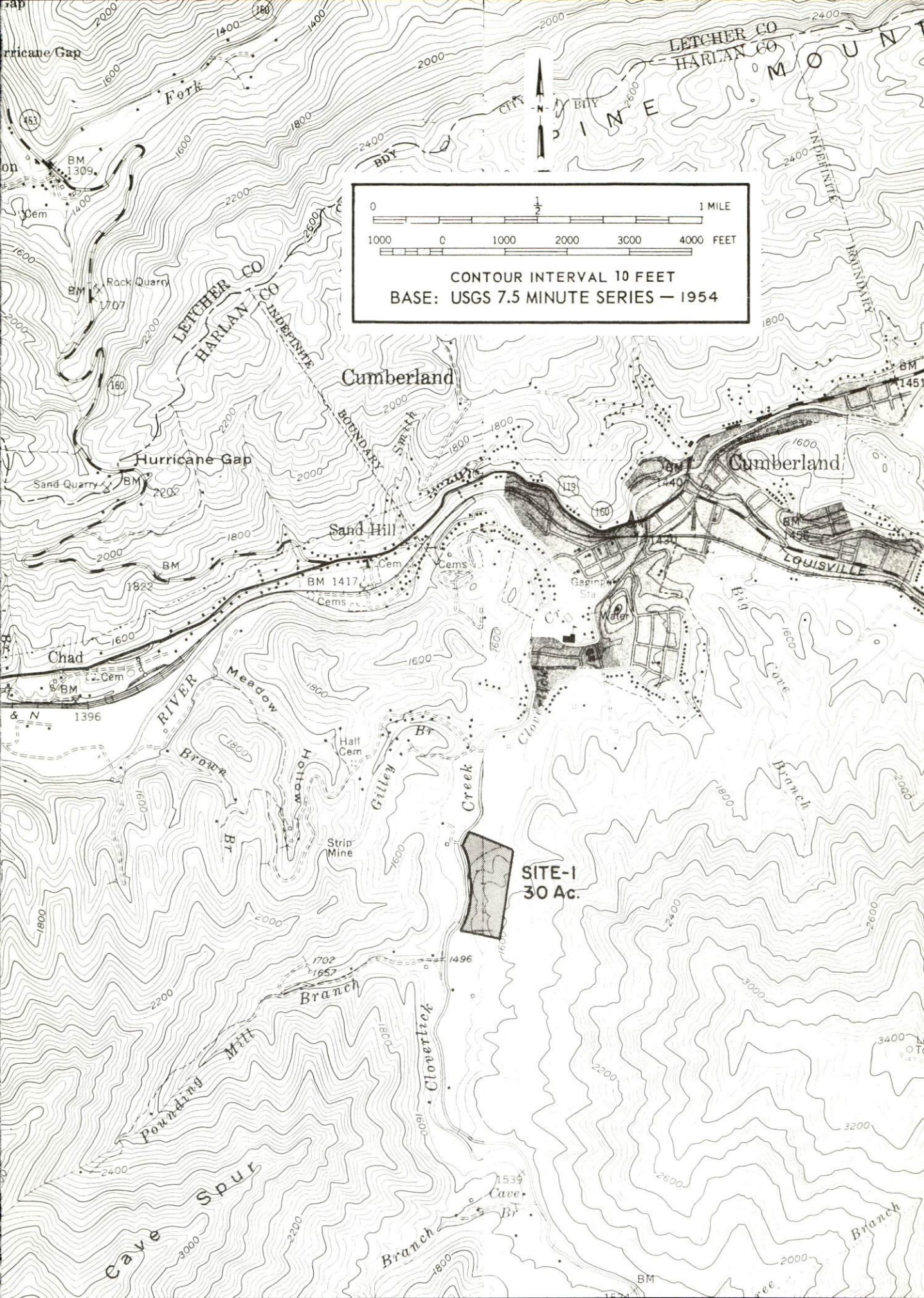
1971

CUMBERLAND INDUSTRIAL SITE

1971

For more information about the following site, contact Mr. C. R. Chrisman, Tri-City Chamber of Commerce, Cumberland, Kentucky 40823; or the Kentucky Department of Commerce, Washington and Wapping Streets, Frankfort, Kentucky 40601.

SITE #1: ACREAGE: 30 acres
LOCATION: Just south of Cumberland
HIGHWAY ACCESS: Fronts on Cloverlick Road
RAILROAD: Not rail served
WATER: Cumberland Municipal Water Works
 SIZE LINE: 6-inch line 1,400 feet north of site;
 8-inch line three-fourth mile north of site
GAS: Natural gas not available
ELECTRICITY: Kentucky Utilities Company
SEWERAGE: Cumberland Sewage Treatment Plant
 SIZE MAIN: 10-inch main 1,400 feet north of site
OWNERSHIP: International Harvester Company



0 1/2 1 MILE
1000 0 1000 2000 3000 4000 FEET
CONTOUR INTERVAL 10 FEET
BASE: USGS 7.5 MINUTE SERIES - 1954

SITE-1
30 Ac.

INDUSTRIAL RESOURCES

CUMBERLAND - BENHAM - LYNCH, KENTUCKY

Prepared by

The Kentucky Department of Commerce

in cooperation with

The Tri-City Chamber of Commerce

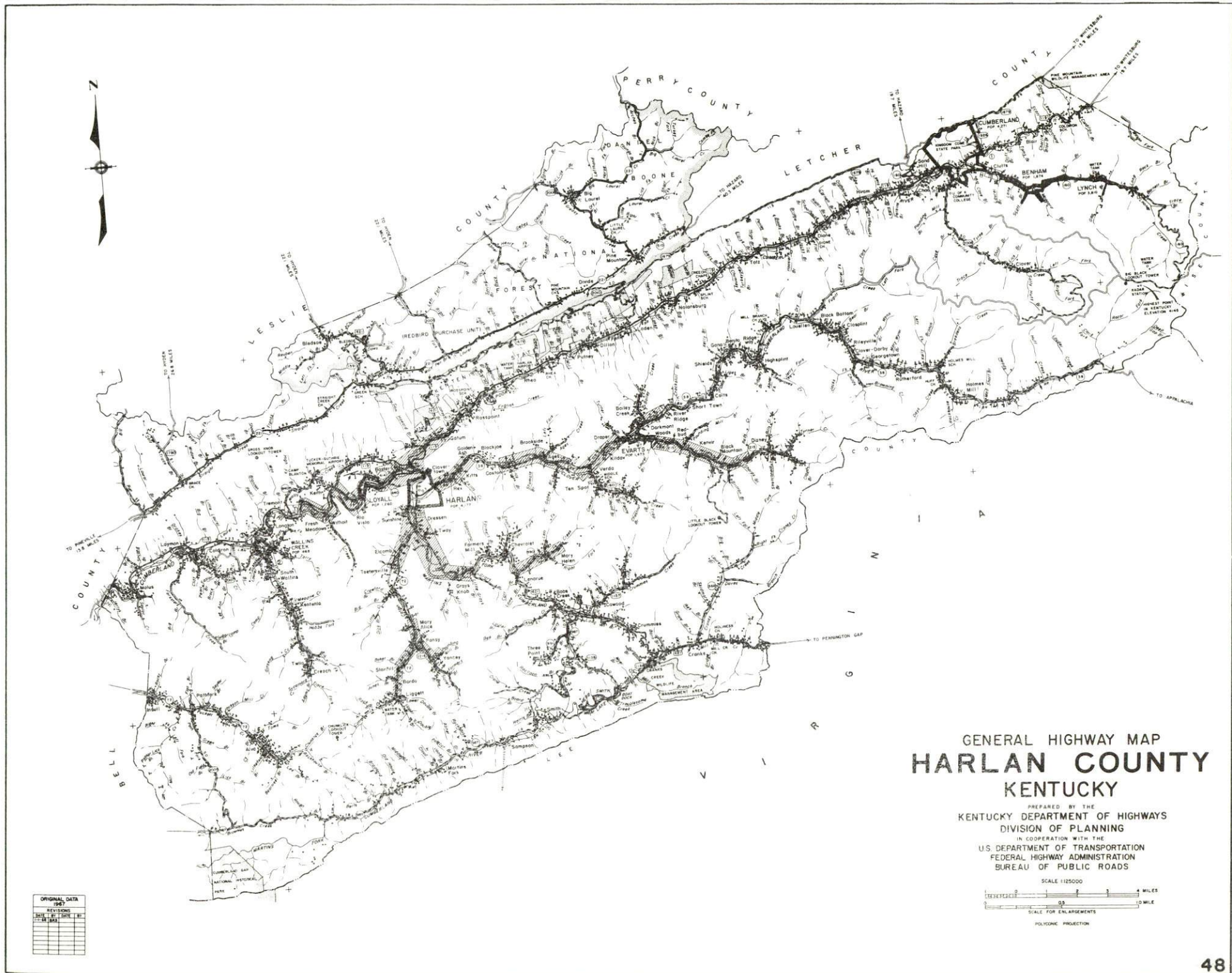
1971

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Division of Research and Planning, and the cost of printing paid from
state funds.

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GENERAL HIGHWAY MAP HARLAN COUNTY KENTUCKY

PREPARED BY THE
KENTUCKY DEPARTMENT OF HIGHWAYS
DIVISION OF PLANNING

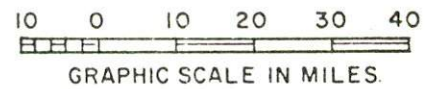
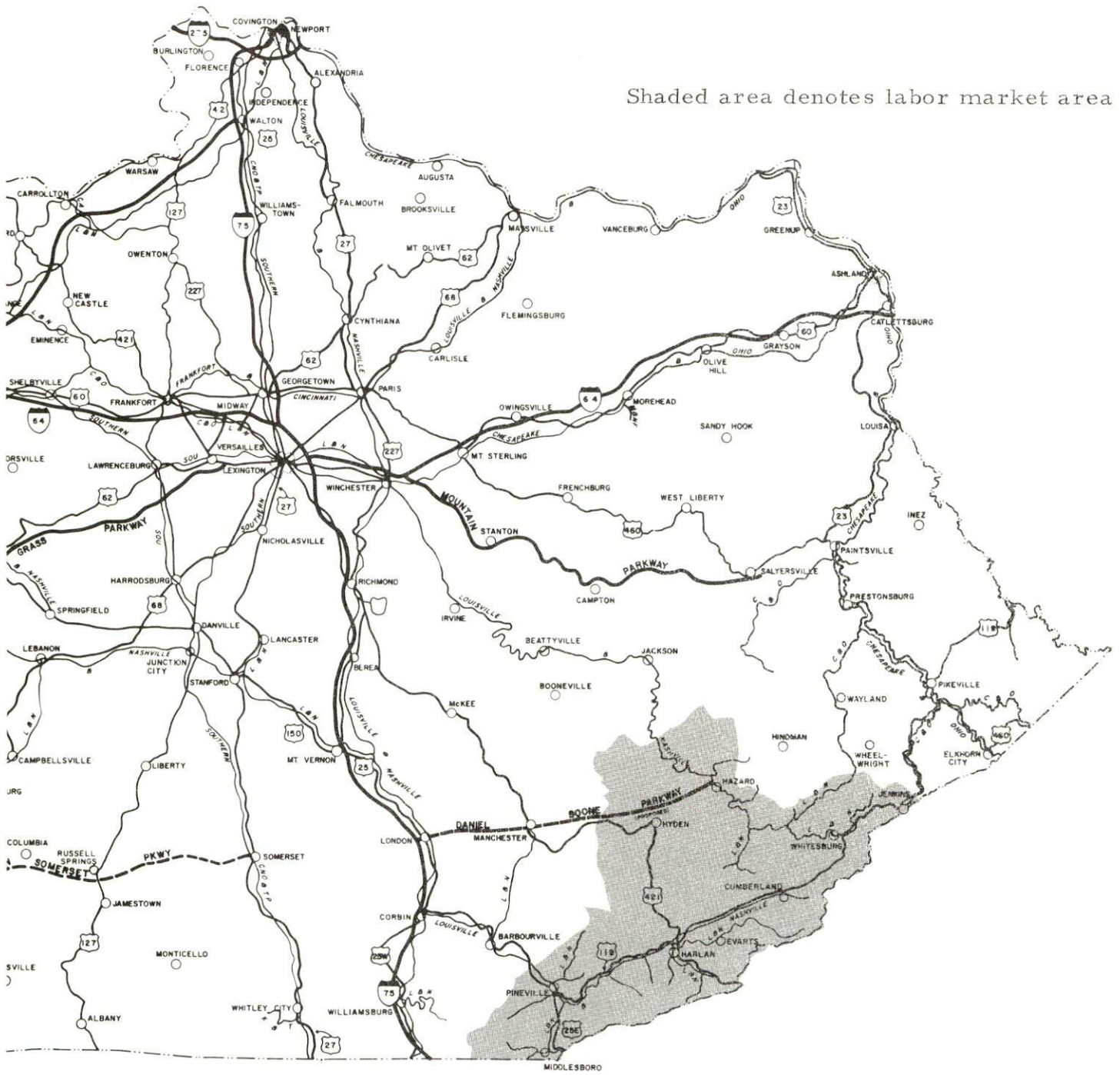
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS



ORIGINAL DATA	DATE
REVISIONS	
DATE	
BY	

CUMBERLAND-BENHAM-LYNCH LABOR MARKET AREA

Shaded area denotes labor market area



CUMBERLAND - BENHAM - LYNCH, KENTUCKY A RESOURCE PROFILE

Location

The Harlan County Tri-City Area - Cumberland, Benham, and Lynch - is located in the eastern part of Harlan County in southeastern Kentucky. Cumberland, home of Southeast Community College, had a 1970 population of 3,317. Benham had a 1970 population of 1,000, and the community of Lynch estimated its population at 2,000.

Harlan County, with a 1970 population of 37,370, covers an area of 469 square miles. The county is bounded on the west by Bell County, on the north by Leslie and Perry Counties, on the northeast by Letcher County, and on the southeast by the Kentucky-Virginia state line. In 1970, Harlan County was the fourth largest coal-producing county in Kentucky.

The Economic Framework

Total employment in Harlan County averaged 8,800 in 1969, including 2,525 jobs in trade and services, 2,250 in mining and quarrying, 2,000 in government, and 500 in manufacturing. Major industrial products are fluid milk products, electrical coils and motor windings, machine shop items, and lumber and wood products.

Per capita income in Harlan County in 1969, was \$1,920, an increase of \$908 since 1959.

The Cumberland - Benham - Lynch labor market area includes Harlan County, the four adjoining Kentucky counties, and the two adjoining Virginia counties. In 1969, employment in the Kentucky portion of the labor market area totaled 29,600, including 8,830 in trade and services, 6,700 in government, 6,645 in mining and quarrying, and 2,465 in manufacturing. Area industrial employment has increased 18.7 percent since 1960, with the greatest gains in the apparel and machinery industries.

Despite industrial gains in recent years, the area still has a deficit of 9,918 manufacturing jobs when measured against the national industrial employment-population ratio. This indicates an area where the potential for additional manufacturing production is excellent.

Resources for Growth

1. There is a current estimated labor supply of 6,300 men and 9,795 women available for industrial jobs in Harlan County and the surrounding Kentucky counties. In addition, 9,415 young men and 8,830 young women in this area will become 18 years of age by 1977 and potentially available for work. Also, the current labor supply would be increased by the number of men and women in the adjoining Virginia counties who are available for industrial jobs.

2. Electric power is provided to Cumberland and Lynch by the Kentucky Utilities Company. Benham is served by the Electric Plant Board of Benham, whose source of power is the Kentucky Utilities Company.

3. Rail transportation service is provided in Cumberland, Lynch, and Benham by the Louisville and Nashville Railroad. Highways serving the Tri-City Area are U. S. 119 and Kentucky Route 160.

4. One 30-acre site is available for industrial use.

5. Cumberland is the location of Southeast Community College. The college, with a present enrollment of 340, began operating in 1960. Other institutions of higher learning within 70 miles of the Tri-City Area are two senior colleges, a community college, and a junior college.

Community Programs for Improvement

The Tri-City Area is seeking to provide its residents with new and better facilities and services.

Future plans include the possibility of forming a water district which would include a central water supply for the total Tri-City Area.

Construction of eighty units of low-income public housing at Cumberland will start in the near future. The city has selected a 10-acre site which will be used for a new city park. A new fire truck, new garbage paker, and new radios for the police department have been purchased. The city has leased a new patrol car to be used by the police department. Renovation and improvements to the library will provide an additional 2,400 square feet of floor space. The city is purchasing a site which will be used as a land fill for garbage disposal. The gymnasium at Cumberland High School is to be renovated at a cost of \$30,000. The Cumberland Telephone Company is involved in an expansion program which will provide improved service to its customers.

Improvement to U. S. 119 is now in the design stage with plans including 1.8 miles of 4-lane highway beginning at Cloverlick Creek and extending eastward through the edge of Cumberland to the east city limits.

A new classroom building and auditorium was completed at Southeast Community College during the Summer of 1970.

A study is underway at Benham to determine the feasibility of a new water treatment and distribution system and installation of water meters.

The Lynch Independent School District is planning to construct new physical education dressing facilities and is also planning minor renovation of the all-purpose room at the high school. The school system is presently expanding its South West Regional Laboratory reading program to the first grade.

Recreation, Entertainment and Livability

The Tri-City Area is located in the Cumberland Mountains, offering the tourist some of the most beautiful scenery in the state of Kentucky.

Kingdom Come State Park, at Cumberland, is now under development. This 1,000-acre park currently offers picnicking and hiking trails along the scenic route of the Little Shepherd Trail.

Black Mountain, south of Cumberland, is the highest point in Kentucky - reaching an elevation of 4,125 feet.

Pine Mountain State Park is only 60 miles west of the Tri-City Area. This resort-type park has a pool, 9-hole and miniature golf courses, hiking, horseback riding, shuffleboard, supervised recreation, picnic shelter, and playground. Accommodations include lodge, cottages, and camping. The Mountain Laurel Festival, a widely acclaimed event in Kentucky, is held annually, on a weekend late in May. The park is also the locale of the internationally acclaimed choral drama, "The Book of Job," which plays in the amphitheatre during the summer months.

THE LABOR MARKET

POPULATION TRENDS ^{1/}

Area	Population			Percent Change	
	1970	1960	1950	1960-70	1950-60
Cumberland	3,317	4,271	4,249	-22.3	+ 0.5
Lynch	2,000(Est.)	---	---	---	---
Benham	1,000	---	---	---	---
Labor Market Area	128,959	162,447	220,978	-20.6	- 26.5
Harlan County	37,370	51,107	71,751	-26.9	- 28.8
Bell County	31,087	35,336	47,602	-12.0	- 25.8
Leslie County	11,623	10,941	15,537	+ 6.2	- 29.6
Letcher County	23,165	30,102	39,522	-23.0	- 23.8
Perry County	25,714	34,961	46,566	-26.4	- 24.9

GENERAL EMPLOYMENT CHARACTERISTICS, 1969^{2/}

Major Employment Group	Employment	
	Harlan County	Labor Market Area
TOTAL	8,800	29,600
Agricultural	100	400
Nonagricultural	8,700	29,200
Manufacturing	500	2,462
Trade and Services	2,524	8,831
Government	2,000	6,700
Mining & Quarrying*	2,253	6,646

*September 1969.

MANUFACTURING EMPLOYMENT TRENDS BY INDUSTRY SEPTEMBER 1970 AND 1960^{3/}

Industry	Harlan County			Labor Market Area		
	1970	1960	%Change	1970	1960	%Change
TOTAL	481	560	-14.1	2,333	1,965	+ 18.7
Food & Kindred Products	154	294	-47.6	508	636	- 20.1
Apparel, Textiles, Leather	0	0	0	492	96	+402.1
Lumber & Furniture	157	241	-34.9	667	1,034	- 35.5
Printing, Publishing, Paper	23	25	- 8.0	95	70	+ 35.7
Chemicals, Petroleum, Coal, Rubber	0	0	0	72	40	+ 80.0
Machinery & Metal Products	142	0	0	456	63	+623.8
Other	5	0	0	43	26	+ 65.4

CUMBERLAND MANUFACTURING FIRMS,
THEIR PRODUCTS AND EMPLOYMENT ^{4/}

<u>Firm</u>	<u>Product</u>	<u>Employment</u>		
		<u>Total</u>	<u>Male</u>	<u>Female</u>
Adams Construction Corp.	Bituminous concrete	N. A.		
Consolidated Hydraulics Co.	Hydraulic component parts	20		
Tri-City Printing Co.	Newspaper, job printing	2	1	1

WAGE RATES FOR SELECTED OCCUPATIONS
CUMBERLAND, KENTUCKY ^{5/}

<u>Classification</u>	<u>Wages Per Hour</u>	
	<u>Starting</u>	<u>Maximum</u>
<u>Production Employees</u>		
Assembler	\$2.00	\$2.60
Inspector	2.79	2.91
Production Laborer	2.58	2.68
Welder, Arc or Acetylene (Class-A)	2.00	3.95
<u>Service Employees</u>		
Electrician (Class-A)	\$3.07	\$4.50
Laborer	2.00	3.67
Machinist	1.60	3.67
Mechanic, Maintenance	2.00	3.50
Truck Driver, Industrial (Class-A)	1.60	3.50
<u>Office Employees</u>		
Bookkeeper	\$2.52	\$3.05
File Clerk	1.90	2.22
Receptionist	2.35	3.34
Secretary	2.55	3.75
Typist	2.12	2.61

LABOR ORGANIZATIONS

There are presently no unions representing manufacturing workers in the Cumberland - Benham - Lynch Area.

CURRENT AND FUTURE LABOR SUPPLY -
CUMBERLAND LABOR MARKET AREA

<u>Area</u>	<u>Current Labor Supply, 1971^{6/}</u>			<u>Future Labor Supply by 1977 (Becoming 18 Years of Age)^{7/}</u>		
	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>
Labor Market Area	16,104	6,309	9,795	18,247	9,417	8,830
Harlan County	4,417	1,475	2,942	5,231	2,693	2,538
Bell County	3,857	1,631	2,226	4,134	2,155	1,979
Leslie County	1,577	748	829	1,927	977	950
Letcher County	2,957	1,093	1,864	3,307	1,679	1,628
Perry County	3,296	1,362	1,934	3,648	1,913	1,735

TOTAL PERSONAL INCOME ^{8/}

<u>Area</u>	<u>1969</u>	<u>1959</u>	<u>% Change</u>
Harlan County	\$ 80,043,000	\$ 52,211,000	+53.3
Labor Market Area	242,483,000	158,025,000	+53.4
Kentucky	9,202,000,000	4,655,000,000	+97.6

PER CAPITA PERSONAL INCOME ^{9/}

<u>Area</u>	<u>1969</u>	<u>1959</u>	<u>% Change</u>
Harlan County	\$ 1,920	\$ 1,012	+89.7
Labor Market Area	\$860 to 1,920	\$711 to 1,100	N. A.
Kentucky	2,847	1,552	+83.4

EDUCATION

Public Schools

	<u>Lynch</u>	<u>Harlan County</u>
Total Enrollment	489	8,307
Elementary	178	5,687
Middle School	103	330
High School	208	2,290
Student-Teacher Ratio	14-1	20-1
Elementary	16-1	21-1
Middle School	13-1	15-1
High School	14-1	20-1
State Rating of High School	Standard	Comprehensive (1) Standard (2) Standard (Hall Jr.)
Other Accreditations	Southern Association of Colleges and Schools	
Percent High School Graduates to College	54.3	40.8
Current Expenditures Per Pupil	\$700.22	\$428.44
Bonded Indebtedness, June 30, 1971	None	\$3,595,000

Parochial School

	<u>St. Stephen</u>
Total Enrollment	49
Elementary	49
Student-Teacher Ratio	25-1
Elementary	25-1

Vocational Schools

	<u>Nearest Area School</u>	<u>Nearest Extension Center</u>
Location	Harlan Area Vocational School	Letcher County Vocational Extension Center
Miles Distant	Harlan 23	Whitesburg 24
Curriculum	Machine Shop, Welding Mine Machinery Mechanics Auto Mechanics, Auto Body Repair and Paint Air Conditioning and Refrigeration Carpentry, Industrial Electricity Drafting, Practical Nursing Electronics (Technology) Home Economics	Industrial Electricity Auto Mechanics Carpentry, Drafting Welding General Clerical Steno-Secretarial

Colleges and Universities

<u>Name</u>	<u>Kentucky Area - Within 70 miles</u>		<u>Highest Degree Conferred</u>
	<u>Location</u>	<u>Enrollment</u>	
Southeast Community College	Cumberland	340	Associate
Hazard Community College	Hazard	215	Associate
Union College	Barbourville	875	Masters
Pikeville College	Pikeville	794	Baccalaureate
Alice Lloyd Junior College	Pippa Passes	268	Associate

TRANSPORTATION

Rail

Line serving Cumberland - Louisville & Nashville Railroad
Services - Freight, siding space, switching facilities

Line serving Lynch - Louisville & Nashville Railroad
Services - Freight, loading tracks for coal, switching facilities

Line serving Benham - Louisville & Nashville Railroad
Services - Freight, loading tracks for coal, switching facilities

RAILWAY TRANSIT TIME FROM CUMBERLAND, KENTUCKY, TO: 10/

City	No. of Days		City	No. of Days	
	CL			CL	
Atlanta, Ga.	2		Los Angeles, Calif.	5	
Birmingham, Ala.	4		Louisville, Ky.	2	
Chicago, Ill.	3		Nashville, Tenn.	3	
Cincinnati, Ohio	2		New Orleans, La.	4	
Cleveland, Ohio	3		New York, N. Y.	4	
Detroit, Mich.	4		Pittsburgh, Pa.	4	
Knoxville, Tenn.	1		East St. Louis, Ill.	3	

Truck Service

Company

Home Office

Cumberland

Bell Lines, Inc.	Charleston, West Virginia
Hogan Storage & Transfer Co.	Williamson, West Virginia
Mason & Dixon Lines, Inc.	Kingsport, Tennessee
McDuffee Motor Freight, Inc. (United Trucking Service, Inc.)	Detroit, Michigan
Point Express, Inc.	Charleston, West Virginia
Skyline Transportation, Inc.	Knoxville, Tennessee
Smith's Transfer Corporation of Virginia	Staunton, Virginia

(Cont'd.)

CompanyHome OfficeBenham

McDuffee Motor Freight, Inc. Detroit, Michigan
 Point Express, Inc. Charleston, West Virginia

Lynch

Bell Lines, Inc. Charleston, West Virginia
 Hogan Storage & Transfer Co. Williamson, West Virginia
 McDuffee Motor Freight, Inc.
 (United Trucking Service, Inc.) Detroit, Michigan
 Mason & Dixon Lines, Inc. Kingsport, Tennessee
 Point Express, Inc. Charleston, West Virginia
 Smith's Transfer Corporation
 of Virginia Staunton, Virginia

HIGHWAY MILES AND TRUCK TRANSIT TIME IN DAYS FROM
 CUMBERLAND, KENTUCKY, TO SELECTED MARKET CENTERS

City	Delivery			City	Delivery		
	Highway Miles	Time LTL	Time TL		Highway Miles	Time LTL	Time TL
Atlanta, Ga.	326	3	2	Los Angeles, Calif.	2,413	7	7
Birmingham, Ala.	390	3	2	Louisville, Ky.	260	3	2
Chicago, Ill.	549	3	2	Nashville, Tenn.	317	3	2
Cincinnati, Ohio	256	2	1	New Orleans, La.	819	4	3
Cleveland, Ohio	500	3	2	New York, N. Y.	834	3	2
Detroit, Mich.	521	3	2	Pittsburgh, Pa.	448	3	2
Knoxville, Tenn.	132	3	2	St. Louis, Mo.	522	3	2

Cumberland - Benham - Lynch Area

Bus Verda Transportation Company

Taxi 3 cab companies

Air

Nearest Local

Nearest Commercial

Location:	Tucker-Guthrie Memorial Airport Harlan, 25 miles southwest of Cumberland	London-Corbin War Memorial Airport London, 105 miles west-northwest of Cumberland
Runways:	1 paved	1 paved
Length:	2,700 feet	6,000 feet
Traffic Control:	Wind sock	Wind sock
Lighting:	None	Beacon, runway and obstruction lights
Services:	80-100 octane, charter, flight instruction, taxi and tie down, courtesy car, low frequency receiver for weather reports	80-100 octane, JP-A-50, Piedmont Airlines, taxi, U-Drive-It, weather, flight training, charter and ambulance service, vending machines

POWER AND FUEL

Electricity

Company serving Cumberland and Lynch - Kentucky Utilities Company
Source of power - Kentucky Utilities Company
Total generating capacity - 1,215,000 KW
Industrial rates furnished by - Kentucky Utilities Company, Industrial
Development Department, Lexington, Kentucky 40507

Company serving Benham - Electric Plant Board of Benham
Source of power - Kentucky Utilities Company
Total generating capacity - 1,215,000 KW
Industrial rates furnished by - Electric Plant Board of Benham,
Benham, Kentucky 40807

Company serving Harlan County - (1) Cumberland Valley RECC,
(2) Kentucky Utilities Company
Source of power - (1) East Kentucky Power Cooperative,
(2) Kentucky Utilities Company
Total generating capacity - (1) 548,000 KW, (2) 1,215,000 KW
Industrial rates furnished by - (1) Cumberland Valley RECC, Gray,
Kentucky 40734, (2) Kentucky Utilities Company, Industrial
Development Department, Lexington, Kentucky 40507

Liquified Petroleum

Company serving Cumberland, Benham, and Lynch - Natural gas
service is not available. Manufactured gas is supplied by one
local distributor. Several other distributors are located in the
county.

WATER AND SEWERAGE

Water

Company serving Cumberland - Cumberland Municipal Water Works
Source - Poor Fork, Branch of Cumberland River
Treatment plant capacity - 1,000,000 gpd
Average daily consumption - 300,000 gallons
Peak daily consumption - 350,000 gallons
Type treatment - Settled, filtered, chlorinated, fluoridation
Storage capacity - 600,000 gallons
Size mains - 8, 6, 4 and 2 inches
Average pressure - 80 psi
Average temperature - 55° F.

MONTHLY WATER RATES FOR WHOLESALE AND INDUSTRIAL CONSUMERS

2,000 gallons	\$ 3.29
10,000 gallons	9.45
20,000 gallons	15.36
30,000 gallons	21.33
40,000 gallons	26.58
50,000 gallons	31.83
Over 50,000 gallons	.44 per M gallons

Company serving Lynch - City of Lynch
Source - Reservoir (92,000,000 gallons)
Treatment plant capacity - 2,000,000 gpd
Average daily consumption - 385,000 gallons
Peak daily consumption - 1,000,000 gallons
Type treatment - Aeration, settled, filtered, chlorinated, fluoridated
Storage capacity - 650,000 gallons
Size mains - 8, 6, 4, and 2 inches
Average pressure - 80 psi
Average temperature - 60° F.

MONTHLY WATER RATES FOR WHOLESALE
AND INDUSTRIAL CONSUMERS

First	5,000 gallons	\$4.25 (Minimum charge)
Next	1,000 gallons	.80 per M gallons
Next	1,000 gallons	.65 per M gallons
Next	3,000 gallons	.45 per M gallons
Next	10,000 gallons	.35 per M gallons
All over	20,000 gallons	.30 per M gallons

Company serving Benham - City of Benham Water Works

Source - Mine reservoirs

Treatment plant capacity - 600,000 gpd

Average daily consumption - 287,000 gallons

Peak daily consumption - 300,000 gallons

Type treatment - Rapid sand filter

Storage capacity - 648,000 gallons

Size mains - 4 and 6 inches

Average temperature - 56° F.

Monthly water rates - \$3.00 monthly - family dwelling

Surface water sources - Cumberland River

Average discharge - Cumberland River near Harlan 653 cfs (29-years, USGS); Poor Fork at Cumberland 137 cfs (29-years, USGS)

Expected ground water yield - 5 to 50 gpm along two bands running east-west on northern and southern boundaries; 50 to 200 gpm in remainder of county.

Sewerage

Company serving Cumberland - Cumberland Sewage Treatment Plant

Design capacity - 500,000 gpd

Average daily flow - 275,000 gallons

Treatment - Primary and secondary

Type treatment - Trickling filter

Treated effluent discharged into - Cumberland River

Size of sanitary mains - 10 and 8 inches

Size of storm mains - 34 inches

Rates - 85 percent of monthly water bill

Company serving Lynch - City of Lynch

Design capacity - 1,500,000 gpd

Average daily flow - 300,000 gallons

Treatment - Primary and secondary

Type treatment - Grit removal, settling, aeration, digester, drying beds, trickling filter, recirculation, chlorination

Treated effluent discharged into - Looney Creek

Size of sanitary mains - 12-inch (into plant)

Size of storm mains - Flumes to creek 3 to 8 feet wide

Rates - \$4.25 flat monthly rate for all residences; business establishments \$4.25 minimum rate, plus 50 percent of the water bill in excess of 5,000 gallons.

Company serving Benham - City of Benham

Design capacity - 180,000 gpd

Treatment - Primary and secondary

Type treatment - Clarifier, sludge bed, filter

Treated effluent discharged into - Looney Creek

Rates - \$3.00 per month - each household

LOCAL GOVERNMENT

City

Cumberland

Structure - Mayor - 4-year term; 7 councilmen - 2-year terms
 Estimated budget 1972 - General Fund \$115,000
 Fees and licenses - Annual privilege license tax - \$6 to \$150 varies
 according to type of business; large wholesale truck - \$150 annually

Lynch

Structure - Mayor - 4-year term; 6 councilmen - 2-year terms
 Budget 1971 - General Fund \$73,300; Water and Sewer Fund \$39,600
 Fees and licenses - Annual privilege license tax - \$5 to \$100, varies
 according to trade, profession, etc.

Benham

Structure - Mayor - 4-year term; 6 councilmen - 2-year terms
 Income - General Fund \$25,296.59
 Fees and licenses - Annual privilege license tax - \$5 to \$40, depending
 on type of business or trade.

County

Structure - County Judge - 4-year term; 5 magistrates - 4-year terms
 Budget 1971-72 - General Fund \$225,400; Road Fund \$47,500

Assessed Value of Property, 1971

<u>Classes of Property*</u>	<u>Cumberland</u>	<u>Lynch</u>	<u>Benham</u>	<u>Harlan Co.</u>
Real Estate	N. A.	\$5,876,635	\$1,215,506	\$61,115,704 ('70)
Tangibles		5,118,495		27,514,253 ('70)
Public Service		7,000		18,027,973 ('69)

*Property assessed at 100 percent of fair value.

Local General Property Tax Rates Per \$100 of Assessed Valuation, 1971 ^{12/}

<u>Taxing Unit*</u>	<u>Cumberland</u>	<u>Lynch</u>	<u>Benham</u>	<u>Harlan Co.</u>
State	\$.015	\$.015	\$.015	\$.015
County	.249	.249	.249	.249
School	.494	1.572	.494	.494
City	.500		.280	
Total	\$1.258	\$1.836	\$1.038	\$.758

Planning and Zoning

Agency - Cumberland Planning Commission
 Plans completed - General Plan, Base Map, Existing Land Use Map, Existing Land Use Analysis, Land Use Plan, Major Street Plan, Community Facilities Plan, Subdivision Regulations, Zoning Plan, Neighborhood Analysis, Public Improvements Program, Capital Improvements Budget
 Codes adopted - All codes have been adopted and recently updated.

Safety

<u>Police</u>	<u>Cumberland</u>	<u>Lynch</u>	<u>Benham</u>	<u>Harlan Co.</u>
Total staff	5	2	1	4
Radio-patrol cars	2	1	1 (not radio-equipped)	4
Other equipment	Standard	Standard	Standard	Standard

Fire

American Insurance Association Fire Rating	7	7	6
Full-time staff	3		
Volunteers	18	13	12
Equipment:			
750-gpm pumpers	2	1	
500-gpm pumper	1		
350-gpm pumpers			2

*Manufacturing machinery, raw materials inventories and goods in process inventories are not subject to local tax. State rate is only \$0.15 per \$100.

Rescue Service

Tri-City Rescue Squad:

Number of volunteers - 64

Equipment - 2 ambulances, 2 ladder trucks, jeep, 4 generators,
2 battery chargers, first aid

Personnel training - Advanced first aid, mine rescue

Sanitation

	<u>Cumberland</u>	<u>Lynch</u>	<u>Benham</u>
Type service	municipal	municipal	municipal
Cost:			
residential	\$2.00 mo.	\$1.00 mo.	\$1.50 mo.
business	varies according to volume collected	\$5, \$10, \$45 varies accord- ing to volume collected	\$18.00 mo.
Collection frequency:			
residential	once a week	weekly	once weekly
business	daily or twice a week	weekly	twice weekly
Trash pickup	same	by request	once weekly; extra pickup by request
Disposal method	dump	dump	open dump

HEALTH

Hospitals

<u>General Hospital</u>	<u>Location</u>	<u>Beds</u>
Valley View Hospital	Benham	23

General hospital facilities - X-ray, emergency and operating rooms, laboratory, delivery room

Medical staff - 3 doctors, 6 registered nurses

Other - Two general hospitals - Harlan Appalachian Regional Hospital and Harlan Hospital - are located 23 miles west of Cumberland, and have a combined bed capacity of 269.

Public Health

Facility - Harlan County Health Department (Main office in Harlan; branch offices in Benham and Evarts)

Staff - Harlan office - One registered nurse, two sanitarians, two clerks, two auxiliary workers, one stenographer, one state TB Control nurse (Coordinator of five counties), one Health Program Coordinator (part-time). Benham office - One registered nurse, one clerk.

Budget 1971-72 - \$91,050

OTHER LOCAL FACILITIES

Communications

	<u>Cumberland</u>	<u>Lynch</u>
Telephone -	Cumberland Telephone	South Central
Services -	Co. Standard	Bell Telephone Co. Standard
Postal - U. S. Post Office		
Class -	Second	Second
Mail received -	Twice daily	Twice daily
Mail dispatched -	Twice daily	Twice daily
Newspapers -	Tri-City News	
Weekly and circulation	2,103	
Other papers received		
from -	Harlan, Lexington and Louisville, Kentucky; Knoxville, Tennessee	Harlan, Lexington, and Louisville, Kentucky; Knoxville, Tennessee
Radio -	WCPM-AM	
Stations received from -	Pikeville, Prestons- burg, Harlan, Whitesburg	Pikeville, Prestons- burg, Harlan, Whitesburg
Television -		
Cable Service -	Cumberland Television, Inc.	Lynch Television, Inc.
Reception from -	Knoxville, Johnson City, Kingsport, Tennessee; Asheville, North Carolina; Lexington and Hazard, Kentucky; Huntington, West Virginia	Knoxville, Johnson City, and Kings- port, Tennessee; Asheville, North Carolina; Lexington, Kentucky
Kentucky Educational Television -	Pikeville transmitter, Channel 22	

Communications (Cont'd.)

Benham

Telephone - Services -	South Central Bell Telephone Co. Standard
Postal - U. S. Post Office Class - Mail received - Mail dispatched -	Third Twice daily Twice daily
Newspapers - Papers received from -	Harlan, Lexington, and Louisville, Kentucky; Knoxville, Tennessee
Radio - Stations received from -	Pikeville, Prestonsburg, Whitesburg, and Harlan, Kentucky
Television - Cable Service - Reception from -	Benham Community Television Knoxville, Johnson City, and Kingsport, Tennessee; Asheville, North Carolina; Lexington and Hazard, Kentucky; Huntington, West Virginia

Library Services

Public Libraries - Rebecca Caudill Public Library,- Cumberland;
(Harlan Public Library) Extension)
Size collection - 11,000 volumes
Circulation, 1970-71 - 40,000
Services - Bookmobile service to Benham, book station at Lynch,
story hour, scheduled special programs for children, magazines,
records, pictures, audio visual equipment

Private Libraries - Southeast Community College
Size collection - 18,000 estimated volumes
Services - Library services available to residents of Tri-City Area.

Religious Institutions

Cumberland - Benham - Lynch Area

Number of churches - 23

Denominations - Methodist, Baptist, Regular Baptist, Missionary Baptist, Christian, Nazarene, Church of God, Jehovah's Witnesses, Pentecostal, Catholic, Church of Christ, A.M.E. Zion

Financial Institutions

<u>Bank</u>	<u>Statement as of June 30, 1971</u>	
	<u>Assets</u>	<u>Deposits</u>
Guaranty Deposit Bank and Lynch Branch	\$7,253,139.77	\$6,510,281.51

Clubs and Organizations

Cumberland - Benham - Lynch Area

Business and Civic - Tri-City Chamber of Commerce, Rotary, Lions, PTA, Cumberland Industrial Corporation, Jaycees

Fraternal - Masonic Lodge, American Legion, FOP, VFW

Women's - Eastern Star, Women's Club, Homemakers, Beta Sigma Phi, Lonesome Pine Garden Club, VFW Auxiliary

Youth - Boy Scouts, Girl Scouts, Cub Scouts, Brownies, Little League, Babe Ruth League, FFA, FTA, FHA, FBLA

Other - Rod and Gun, Redskin Athletic Council

Hotels and Motels

<u>Number</u>	<u>Units</u>
3	35

RECREATION

Local

Cumberland - Benham - Lynch Area

Public Recreation Facilities

Supervised program - Cumberland City Park

Parks - 2

Playgrounds - City park

Tennis courts - 3

Basketball goals - 1

Football fields - 3

Other - All purpose 40 x 60 foot building, amphitheater and bleachers at Kingdom Come State Park

Private Recreation Facilities

Country clubs - 2

Golf courses - 2

Swimming pools - 2

Movie theaters - 1 indoor, 1 drive-in

Tourist Attractions

Kingdom Come State Park

Little Shepherd Trail

Kentucky 160 - near Lynch - highest elevation in Kentucky

Cultural Events

Various cultural events are offered at Southeast Community College, located at Cumberland.

Area (Within 60 miles)

Pine Mountain State Park

AGRICULTURE - NATURAL RESOURCES - CLIMATE

Agriculture 13/

	<u>Harlan County</u>	<u>Labor Market Area</u>
Total land area (acres)	300,160	1,237,120
Percent of area in farm land	5.8	9.3
Number of farms	175	1,355
Average size of farms (acres)	99.8	84.9
1964 value of all farm products	\$ 97,197	\$ 548,317
Value per farm	555	404
Total crop sales	22,432	197,730
Total livestock & livestock products	74,764	349,945
1968 agricultural production included:		
Corn (bu.)	9,000	67,000
Cattle and calves (number)	800	4,000
Hogs and pigs (number)	500	2,600
Milk production (1967) (lbs.)	1,200	6,900,000

Natural Resources

Principal mineral resources	Coal and limestone
Other mineral resources	Natural gas, sand, high-silica sandstone, clay
Acres of commercial forest land	255,700
Most abundant tree species	Red oaks, white oaks, hickories, yellow poplar, beech, soft maple, basswood, hard maple, blackgum, yellow pines

Climate 14/

Harlan County

Temperature

Annual mean (30-year record)	56.8 degrees
Average annual 1970	56.9 degrees
Record highest July, 1970* (9-year record)	95.0 degrees
Record lowest January, 1966 (9-year record)	-15.0 degrees
Seasonal heating degree-days (30-year record)	41.43

Precipitation

Mean annual total (30-year record)	41.06 inches
Mean annual snow and sleet (33-year record)	16.5 inches
Total precipitation 1969	34.09 inches
Mean number days precipitation (25-year record) (.01 inches or more)	132
Average number days thunderstorms (27-year record)	46
Prevailing winds (9-year record)	West-southwest

*Also on earlier dates, months, or years.

HISTORY

Harlan County lies at the southeastern edge of Kentucky on the Virginia border. In the heart of the Cumberland Mountains, the county has the highest elevation in the state, 4,150 feet on Big Black Mountain in its northeastern part. There are no natural breaks in the mountains between Harlan and Virginia, and the terrain is rugged and mountainous. The Cumberland River runs the entire length of the county in a southwesterly direction. The soil is fertile in the valleys, but the mountainsides are too steep for cultivation. Over 90 percent of the land area is forested and there are large deposits of coal.

The early pioneers in Harlan County were mostly Revolutionary War veterans who had been paid with tracts of land. Samuel Howard, his family and friends, were the first settlers in 1796. George Brittain, an early settler and veteran of the War of 1812 turned politician, was largely responsible for the establishment of the county. In 1819, Harlan became Kentucky's sixtieth county, named for Major Silas Harlan, a Virginian who came to Kentucky in 1774 and took part in many battles with the Indians. Having built a fort at Harlan's Station, Harlan accompanied George Rogers Clark on the Illinois Campaign.

The first county seat was Mount Pleasant, a town named by early Indian fighters. In 1812 it was incorporated under the name of Harlan. Located at the confluence of three forks of the Cumberland River, Harlan remained a backwoods village for more than a century, until the Louisville and Nashville Railroad came in 1911 and made the town an important lumber and coal shipping point. In 1970 Harlan had a population of 3,318.

Cumberland, in the northern part of the county, is the second largest town. It had a population of 3,317 in 1970. The towns of Lovall, Evarts, and Benham each have populations of over 1,000.

In 1820, a year after its founding, Harlan County had a population of 1,961. This grew rapidly after the railroad came, to 71,751 in 1950. There has been a significant decline since then to 51,107 in 1960, and 37,370 in 1970.

Agriculture accounted for only 100 of the county's 8,800 employed in 1969, with corn, cattle, and hogs the principal products. Manufacturing employment remained stable during the 1960's, averaging 500 in 1969. Most production was in lumber, furniture, and food products. Largest of the county's firms are National Electric Coil, and Chappell's Dairy, Inc., at Harlan, and Georgia-Pacific Corporation, which produces lumber, at Evarts. Harlan is an important coal-producing county.

Among the tourist attractions of the county is Kingdom Come State Park at Cumberland. Highway 119 is named Rhododendron Trail because of the scenic profusion of blooming shrubs which line it.

Among names of note in Harlan County history is that of Judge J. Grant Forester, who played an important role in the county's development and helped write Kentucky's present constitution. Senator Hiram Brock served longer in the Kentucky State Senate than any other man.

SOURCES OF INFORMATION

- 1/ U. S. Department of Commerce, Bureau of the Census, Census of Population, 1950, 1960, 1970; City of Lynch.
- 2/ Kentucky Department of Economic Security, Division of Research and Statistics.
- 3/ Kentucky Department of Economic Security, Number of Workers in Manufacturing Industries Covered by Kentucky Unemployment Insurance Law Classified by Industry and County, September 1960, September 1970.
- 4/ Kentucky Department of Commerce, 1972 Kentucky Directory of Manufacturers.
- 5/ Kentucky Department of Economic Security, Division of Employment Services, Harlan Office.
- 6/ Kentucky Department of Economic Security, Kentucky Labor Supply Estimates by County, January 1971.
- 7/ Kentucky Department of Commerce, Future Labor Supply by 1977.
- 8/ University of Kentucky, Office of Development Services and Business Research, Total Personal Income for Kentucky.
- 9/ University of Kentucky, Office of Development Services and Business Research, Per Capita Income in Kentucky.
- 10/ Louisville & Nashville Railroad Company, 908 West Broadway, Louisville, Kentucky.
- 11/ Point Express, Inc., Charleston, West Virginia.
- 12/ Kentucky Department of Revenue; Kentucky Department of Education.
- 13/ U. S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1964. U. S. Department of Agriculture and Kentucky Department of Agriculture, Kentucky Agricultural Statistics, 1969.
- 14/ U. S. Department of Commerce, Environmental Science Services Administration, Climatological Data, 1970.

All other information was obtained from governmental offices, local businesses and organizations.