

1989

Industrial Resources: Harrison County - Cynthiana

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IR Harrison County, Ky.
586

RESOURCES FOR ECONOMIC DEVELOPMENT

Cynthiana

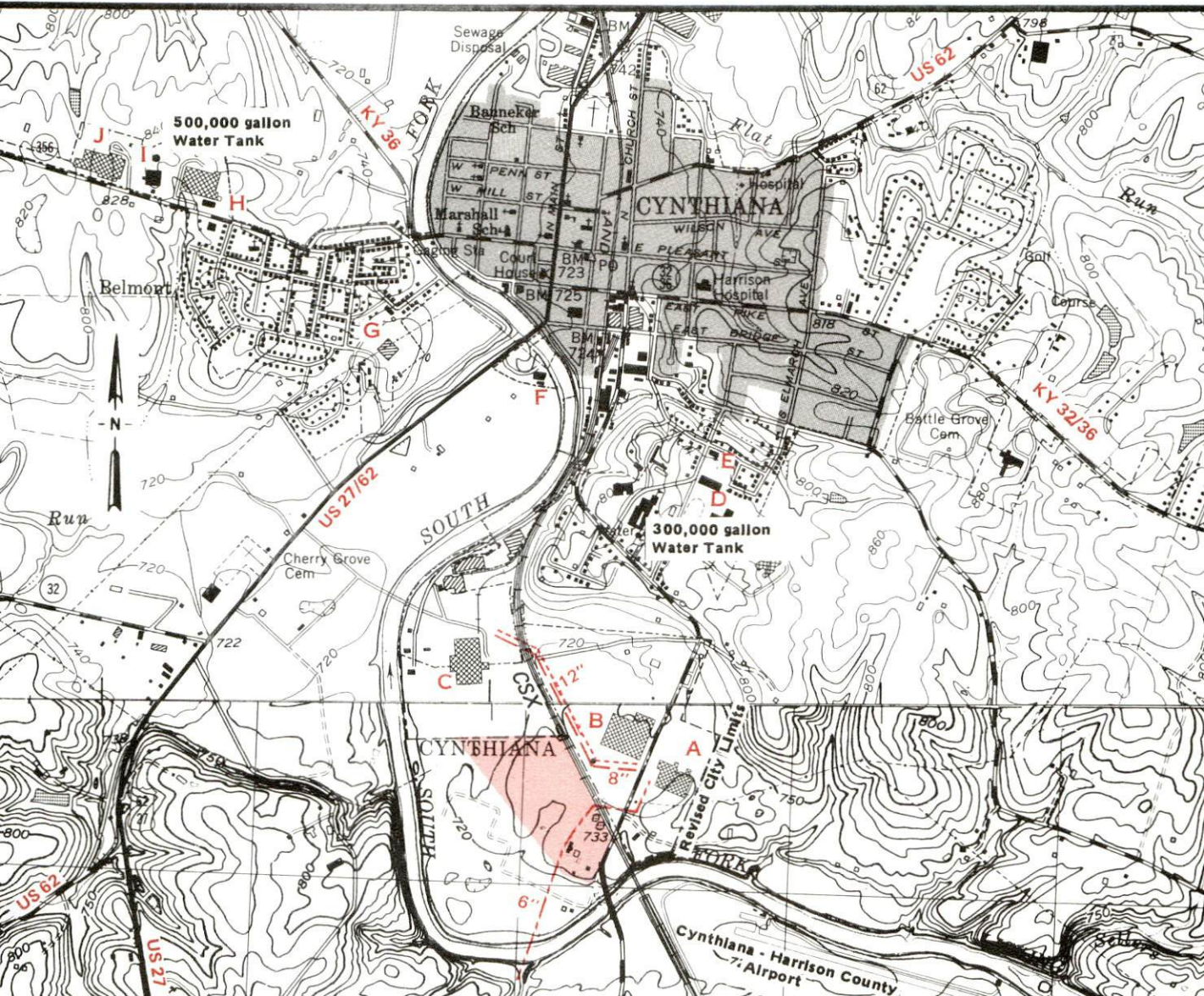


KENTUCKY

Open for Business

CYNTHIANA, KENTUCKY --- Site 189 --- 40.5 Acres

For more information contact the Cabinet for Economic Development, Department of Existing Business and Industry, Division of Research and Planning, Capital Plaza Tower, Frankfort, Kentucky 40601 (502-564-7140)



- Existing Industries**
- A Grede Perm Cast, Inc.
 - B Minnesota Mining & Mfg. Co. (3M)
 - C Ladish Co. Kentucky Division
 - D Jockey International, Inc.
 - E Cynthiana Publishing Co. Inc.
 - F Webber Farms Inc.
 - G Marco Products
 - H Cleveland Twist Drill
 - I E. D. Bullard Co.
 - J Bundy Tubing

LOCATION: In Harrison County adjacent to southern city limits of Cynthiana. Proceedings are underway to incorporate site into city limits

ZONING: Site will be zoned I-1 (light industrial) when incorporated into city limits

HIGHWAY ACCESS: Paved county road (Old Lair Road) adjacent to southeastern boundary. US 27 approximately 1.9 miles south via Old Lair Road and KY 982.

RAILROAD: CSX Transportation

WATER: City of Cynthiana Water Department
 Size Line: 12-inch line adjacent to northeastern boundary across CSX Railroad

SEWERAGE: City of Cynthiana Wastewater Treatment Plant
 Size Line: 8-inch line adjacent to northeastern boundary across CSX Railroad

NATURAL GAS: Columbia Gas of Kentucky, Inc.
 Size Line: 6-inch line passes through southeastern portion of site

ELECTRICITY: Kentucky Utilities Company

OWNERSHIP: Harrison County Industrial Foundation, Inc.

SCHOOL DISTRICT: Harrison County

SCALE: 1 inch = 2000 feet
 CONTOUR INTERVAL: 10 feet
 BASE: USGS 7.5 minute series - 1961
 Photorevised - 1978

UTILITIES

- Water Line
- Sewer Line
- Gas Line

RESOURCES FOR ECONOMIC DEVELOPMENT
CYNTHIANA, KENTUCKY

Prepared by
The Kentucky Cabinet for Economic Development
Division of Research and Planning
in cooperation with
The Cynthiana-Harrison County Chamber of Commerce
and
The Harrison County Industrial Foundation

1989

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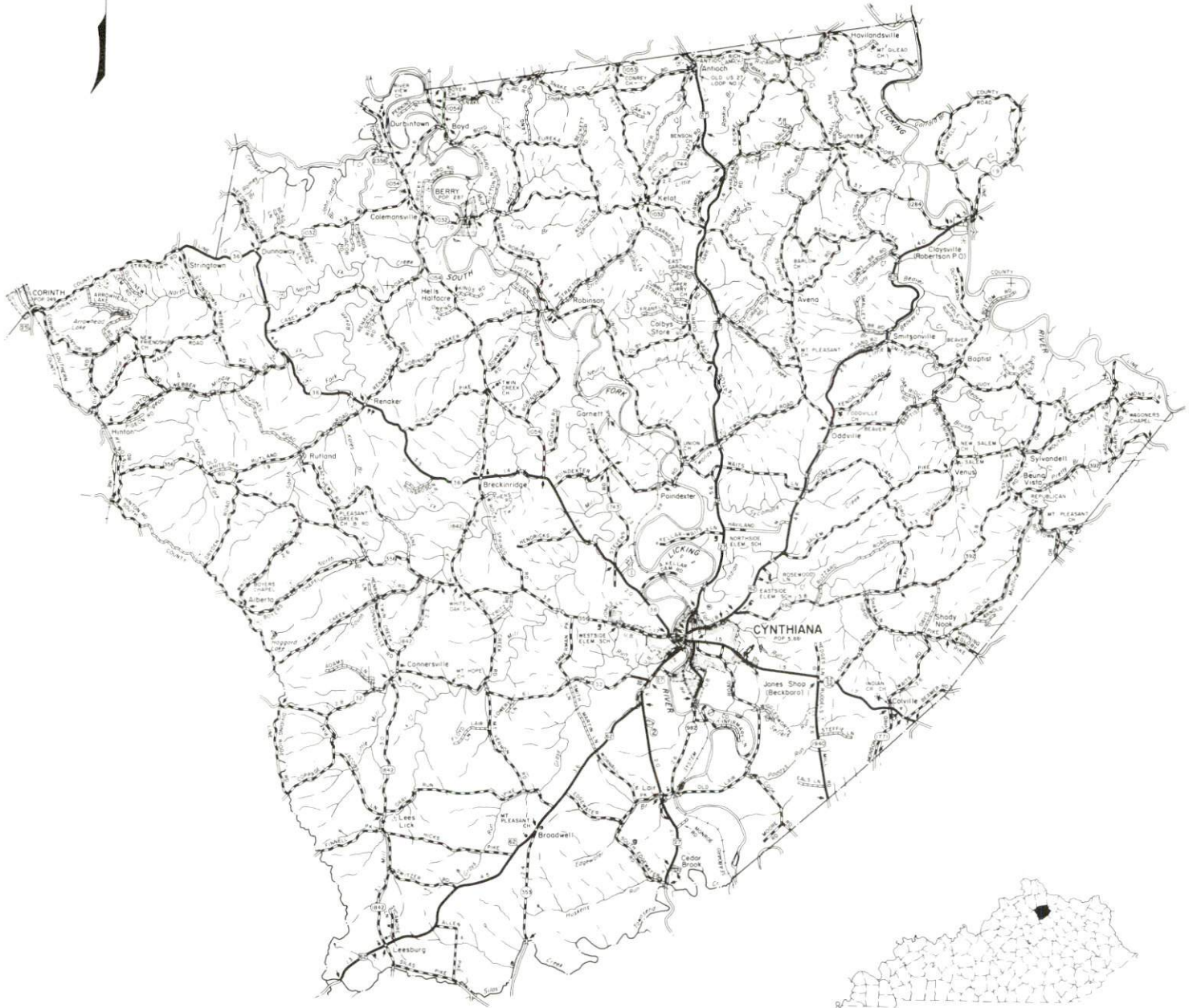
TABLE OF CONTENTS

<u>Chapter</u>	<u>Page</u>
INDUSTRIAL SITES	i
CYNTHIANA, KENTUCKY - A RESOURCE PROFILE	1
THE LABOR MARKET STATISTICS	2
Labor Market Area Map	2
Population	3
Population Projections	3
Unemployment Rates, 1980-1988 - Line Chart	4
Labor Force Characteristics of Residents, 1988	5
Selected Components of Nonagricultural Employment, by Place of Work, 1987	5
Estimated Male Labor Supply	6
Estimated Female Labor Supply	6
Average Placement Wages	7
Per Capita Personal Income	7
Average Weekly Wages of Workers Covered by Unemployment Insurance F.Y. 1986-87 - Bar Chart	8
Average Weekly Wages by Industry, by Place of Work, 1987	9
EXISTING INDUSTRY	10
Cynthiana Manufacturing Firms, Their Products and Employment.	10
Labor Organizations in Manufacturing Firms	11
Selected Industrial Services	12
TRANSPORTATION	13
Rail	13
Highways	13
Truck Service	14
Air	15
Air Express Service	15
Water	15
POWER AND FUEL	16
Electricity	16
Natural Gas	16
WATER AND SEWERAGE	17
Public Water Supply	17
Sewerage	19

<u>Chapter</u>	<u>Page</u>
CLIMATE	20
LOCAL GOVERNMENT	21
Structure	21
Planning and Zoning	21
Local Fees and Licenses	21
State and Local Property Taxes	22
Combined State and Local Rates Per \$100 Valuation, 1988	22
Safety	23
Police	23
Fire	23
Rescue Service	23
Refuse Collection and Disposal	23
EDUCATION	24
Public Schools	24
Nonpublic Schools	24
Area Colleges and Universities	25
Vocational Training	26
HEALTH	28
Local Medical Personnel	28
Hospitals	28
Other Medical Facilities	28
Ambulance Service	28
OTHER LOCAL FACILITIES	29
Communications	29
Library Services	29
Religious Institutions	29
Financial Institutions	30
Hotels and Motels	30
RECREATION	31
COMMUNITY IMPROVEMENTS	34

GENERAL HIGHWAY MAP
HARRISON 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



CYNTHIANA, KENTUCKY - A RESOURCE PROFILE

Cynthiana, the county seat of Harrison County, is located in north-central Kentucky. The city is 34 miles northeast of Lexington, Kentucky; 59 miles southeast of Cincinnati, Ohio; 92 miles east of Louisville, Kentucky; and 205 miles north of Knoxville, Tennessee. Cynthiana had a 1986 estimated population of 5,870.

Harrison County covers a land area of 310 square miles in the Blue Grass Region of Kentucky. The Licking River forms the eastern boundary of the county and the South Fork Licking River bisects the county. The 1987 estimated population of the county was 16,000.

The Economic Framework - The total number of Harrison County residents employed in 1988 averaged 6,920. In 1987, manufacturing firms in the county reported 1,740 employees; wholesale and retail trade provided 1,060 jobs; 660 people were employed in service occupations; state and local government accounted for 500 employees; and contract construction firms provided 125 jobs.

Labor Supply - There is a current estimated labor supply of 6,100 men and 6,285 women available for industrial jobs in the labor market area. In addition, from 1989 through 1993, 4,046 young men and 3,748 young women in the area will become 18 years of age and potentially available for industrial jobs.

Transportation - CSX Transportation, Inc., provides main line rail service to Cynthiana. Major highways serving the city are U.S. Highways 27 and 62. Kentucky Route 36 also serves Cynthiana. Interstate 75 is accessible 19 miles southwest via U.S. 62 and 30 miles northwest via Kentucky 36. Interstate 64 and the Mountain Parkway are accessible 31 miles south via U.S. 27 and Kentucky 627. Thirty-one trucking companies provide interstate and/or intrastate service to Cynthiana. The nearest scheduled commercial airline service is located at Lexington's Blue Grass Airport, 39 miles southwest of Cynthiana. The local Cynthiana-Harrison County Airport has a paved 3,200-foot runway.

Power and Fuel - Kentucky Utilities Company provides electric power to Cynthiana and parts of Harrison County. Harrison Rural Electric Cooperative Corporation provides power to the remainder of the county. Columbia Gas Company of Kentucky, Inc., provides Cynthiana and Harrison County with natural gas service.

Education - The Harrison County School System provides primary and secondary education to Cynthiana and Harrison County. Two nonpublic schools have facilities in Cynthiana. Several major colleges and universities are located within 55 miles of Cynthiana. Vocational training is available locally at the Harrison County Area Vocational Education Center. The Central Kentucky State Vocational-Technical School in Lexington, 34 miles from Cynthiana, is the nearest state vocational training center.

LABOR MARKET STATISTICS

The Cynthiana Labor Market Area includes Harrison County and the adjoining Kentucky counties of Bourbon, Bracken, Grant, Nicholas, Pendleton, Robertson and Scott.

POPULATION

<u>Area</u>	<u>1987*</u>	<u>1980</u>	<u>1970</u>	<u>Percent Nonwhite</u> <u>1980</u>
Cynthiana	5,870	5,881	6,356	6.8
Labor Market Area	100,300	97,846	86,428	-
Harrison County	16,000	15,166	14,158	3.2
Bourbon County	19,300	19,405	18,476	10.2
Bracken County	7,600	7,738	7,227	0.8
Grant County	14,200	13,308	9,999	0.4
Nicholas County	7,300	7,157	6,508	1.9
Pendleton County	11,300	10,989	9,949	0.5
Robertson County	2,200	2,270	2,163	0.4
Scott County	22,400	21,813	17,948	7.3

* 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>Area</u>	<u>1990</u>	<u>1995</u>	<u>2000</u>	<u>2010</u>
Labor Market Area	105,293	110,127	114,261	121,037
Harrison County	16,561	17,291	17,872	18,809
Bourbon County	19,815	20,292	20,634	20,999
Bracken County	7,721	7,940	8,109	8,320
Grant County	14,995	15,953	16,773	18,092
Nicholas County	7,424	7,645	7,818	8,103
Pendleton County	11,276	11,629	11,948	12,394
Robertson County	2,179	2,164	2,128	2,040
Scott County	25,322	27,213	28,979	32,280

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

UNEMPLOYMENT RATES



LABOR FORCE CHARACTERISTICS OF RESIDENTS, 1988

	<u>Harrison County</u>	<u>Labor Market Area</u>
Civilian Labor Force	6,920	48,394
Employment	6,354	44,597
Unemployment	566	3,797
Rate of Unemployment (%)	8.2	7.8

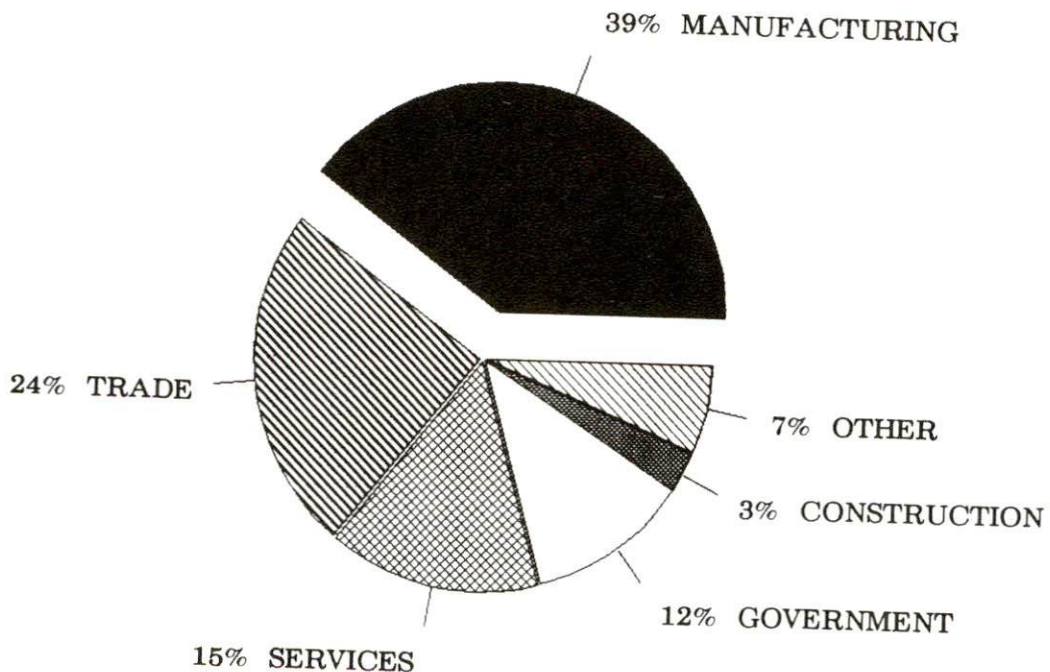
Source: Kentucky Cabinet for Human Resources, Kentucky Labor Force Estimates, Annual Averages, 1988.

**SELECTED COMPONENTS OF NONAGRICULTURAL EMPLOYMENT
BY PLACE OF WORK, 1987**

	<u>Harrison County</u>	<u>Labor Market Area</u>
All Industries (total)	4,356	23,986
Manufacturing	1,737	7,047
Wholesale & Retail Trade	1,061	5,721
Services	658	2,911
State/Local Government	503	3,734
Contract Construction	125	1,445

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, 1987.

HARRISON COUNTY



ESTIMATED MALE LABOR SUPPLY
CYNTHIANA LABOR MARKET AREA

Area	Current				Future
	Total Male	Unemployed	Under-employed	Not in Labor Force	Becoming 18 years of age 1989 thru 1993
Labor Market Area*	6,096	2,146	2,239	1,711	4,046
Harrison	1,236	343	397	496	609
Bourbon	672	287	385	0	808
Bracken	400	238	162	0	300
Grant	643	364	279	0	593
Nicholas	620	143	173	304	286
Pendleton	1,184	172	124	888	477
Robertson	175	95	57	23	86
Scott	1,166	504	662	0	887

ESTIMATED FEMALE LABOR SUPPLY
CYNTHIANA LABOR MARKET AREA

Area	Current				Future
	Total Female	Unemployed	Under-employed	Not in Labor Force	Becoming 18 years of age 1989 thru 1993
Labor Market Area*	6,285	1,698	2,266	2,321	3,748
Harrison	1,115	242	369	504	536
Bourbon	815	338	330	147	693
Bracken	728	125	144	459	323
Grant	635	272	339	24	552
Nicholas	525	141	164	220	269
Pendleton	1,199	178	192	829	454
Robertson	222	29	55	138	62
Scott	1,046	373	673	0	859

* Additional workers may be drawn from other nearby counties.

Note: Unemployed - persons unemployed and actively seeking work; Underemployed - 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 Department of Business Development, Future Labor Supply Becoming 18 Years of Age, 1989 thru 1993.

AVERAGE PLACEMENT WAGES

Harrison County is served by the Georgetown local office of the Kentucky Department for Employment Services. The focus of the following data is on job placements made by the Georgetown 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 1,792 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	1,792	5.46
Clerical	142	5.00
Sales	26	4.41
Services (excluding domestic)	317	4.89
Agricultural, Fishery, Forestry, etc.	20	3.76
Processing	79	4.34
Machine Trades	116	6.40
Bench Work	383	3.50
Structural	361	6.97
Motor Freight/ Transportation	7	4.62
Packaging and Materials Handling	241	3.72
Other	4	3.35

The Georgetown local office also serves Bourbon, Nicholas, and Scott Counties. The above occupational categories are taken from the Dictionary of Occupational Titles published by the U.S. Department of Labor.

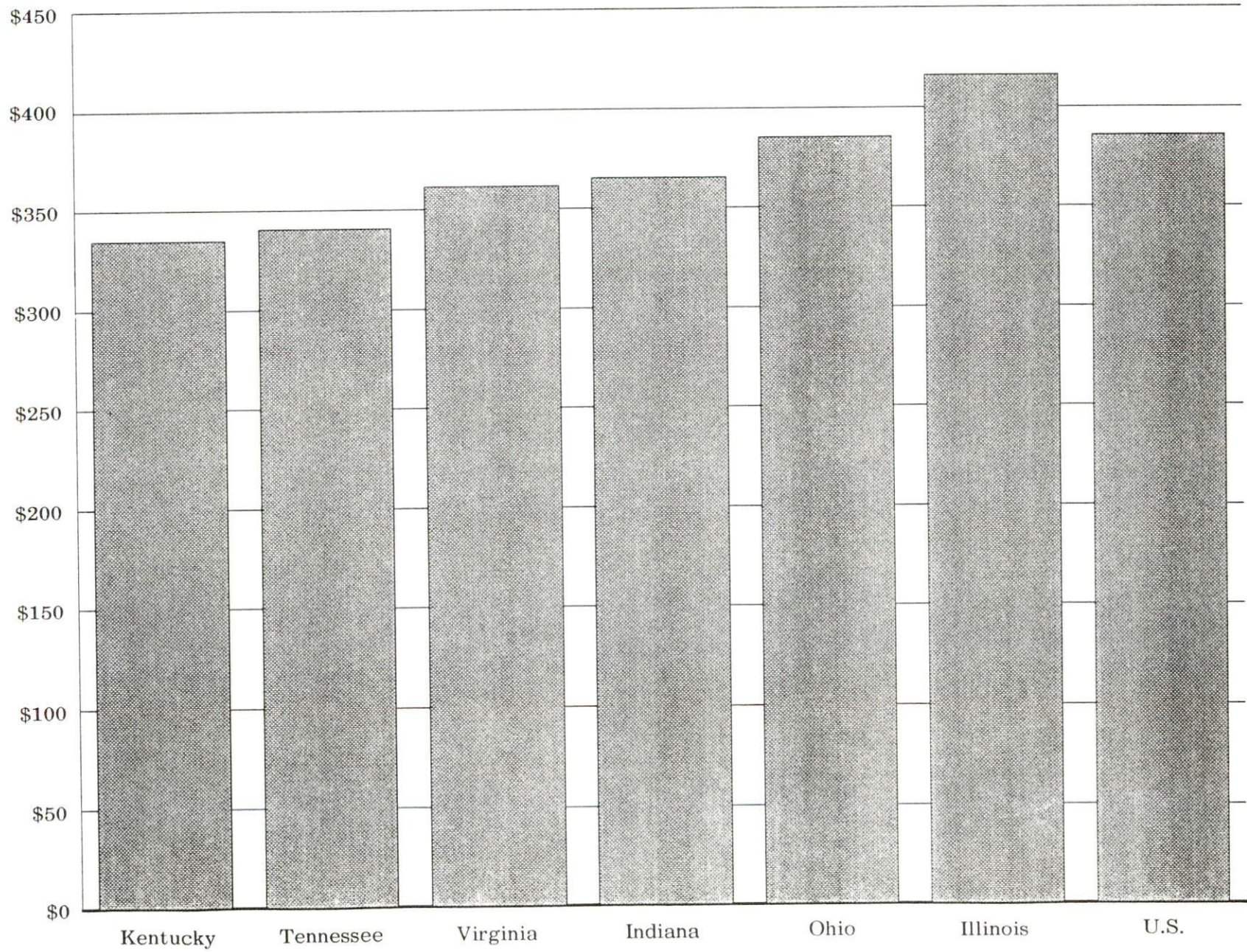
Source: Kentucky Cabinet for Human Resources, Department for Employment Services.

PER CAPITA PERSONAL INCOME

<u>Area</u>	<u>1982</u>	<u>1986</u>	<u>Percent Change</u>
Harrison County	\$9,057	\$10,483	15.7
Labor Market Area Range	\$6,951 - 10,093	\$7,342 - 12,144	-
Kentucky	\$9,277	\$11,268	21.5
U.S.	\$11,480	\$14,606	27.2

Sources: Kentucky Economic Information System, April 1988 and August 1988.

AVERAGE WEEKLY WAGES OF WORKERS COVERED BY
UNEMPLOYMENT INSURANCE F.Y. 1986-87



AVERAGE WEEKLY WAGES BY INDUSTRY
BY PLACE OF WORK, 1987

	Harrison County	Bourbon County	Bracken County	Grant County
All Industries	\$315.14	\$283.41	\$319.22	\$252.11
Mining & Quarrying	0	262.37	0	0
Contract Construction	408.35	390.84	*	219.10
Manufacturing	439.26	348.82	*	298.30
Transportation, Communications & Public Utilities	369.97	371.86	376.07	426.95
Wholesale & Retail Trade	154.08	221.68	143.98	174.12
Finance, Insurance & Real Estate	285.31	308.21	265.10	264.13
Services	234.54	192.53	123.80	237.47
State/Local Government	313.19	314.85	247.27	326.62
Other	220.86	266.12	*	147.20
	Nicholas County	Pendleton County	Robertson County	Scott County
All Industries	\$267.56	\$252.50	\$255.78	\$341.26
Mining & Quarrying	0	*	0	480.84
Contract Construction	205.71	244.46	0	411.72
Manufacturing	324.49	356.56	0	482.78
Transportation, Communications & Public Utilities	401.48	345.98	*	403.63
Wholesale & Retail Trade	168.24	171.96	116.25	158.95
Finance, Insurance & Real Estate	275.79	225.28	217.58	327.63
Services	*	149.21	106.25	271.15
State/Local Government	250.04	267.98	262.45	273.91
Other	246.79	183.36	0	279.13

* Not disclosed.

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, 1987.

EXISTING INDUSTRY

CYNTHIANA MANUFACTURING FIRMS,
THEIR PRODUCTS AND EMPLOYMENT

<u>Firm</u> <u>(Establishment date)</u>	<u>Product</u>	<u>1988</u> <u>Average Employment</u>
E. D. Bullard Company (1972)	Safety equipment, crane hooks	200
Bundy Tubing, Division of Bundy Corporation (1965)	Steel tubing-auto- motive, refrigera- tion coils	236
Cargill, Inc. (1948) Cleveland Twist Drill, Cynthiana Plant, an Acme Cleveland Corporation (1972)	Fertilizer	6
Concrete Materials Corporation (1960)	Steel wire drawing, wire drills	52
Custom Wood Products (1980)	Ready-mixed concrete	5
Cynthiana Publishing Company, Inc. (1945)	Wood storage build- ings	13
Grede Perm Cast (1970)	Newspaper, web printing, type- setting	46
Harrison County Ready Mix (1985)	Gray iron castings	320
Harrison Machine Shop, Inc. (1942)	Ready-mixed concrete	7
Hicks Tool & Die Company (1981)	Metal fabrication, heavy equipment & machinery repair, metal finishing	8
Jockey International, Inc. (1968)	Machine shop, tools & dies, jigs & fixtures	4
	Men's knit underwear	168

(Continued)

<u>Firm (Establishment date)</u>	<u>Product</u>	<u>1988 Average Employment</u>
Ladish Company, Kentucky Division (1961)	Stainless steel valves, fittings, forged steel fittings	201
Lucas Equine Equipment, Inc. (1981)	Steel and wood horse barn equipment, metal and wood farm gates	14
Marco Products Company (1948)	Sewer clean-out tools, snakes	45
Minnesota Mining & Manufacturing Com- pany (3-M) (1969)	Printing products, overhead projec- tors, adhesive- backed note paper	294
Old Kentucky Hams, Inc. (1895)	Country hams, bacon	1
Webber Farms, Inc. (1947)	Sausage, BBQ pro- ducts	200

Sources: Kentucky Department of Business Development, 1988 Kentucky Directory of Manufacturers; Division of Research and Planning.

LABOR ORGANIZATIONS IN MANUFACTURING FIRMS

<u>Union</u>	<u>Representing workers at:</u>
International Union, United Automobile, Aerospace and Agricultural Implement Workers of America	Bundy Tubing, Division of Bundy Corporation
United Steelworkers of America, AFL-CIO	Ladish Company, Kentucky Division; Marco Products Company

SELECTED INDUSTRIAL SERVICES

<u>Types of Service</u>	<u>Location</u>	<u>Mileage from Cynthiana</u>
Custom Data Processing	Lexington	34
Custom Plastics Producers	Georgetown	21
Electric Motor Repair	Lexington	34
Grinding, Precision & Tool	Georgetown	21
Heat Treating Facilities	Georgetown	21
Industrial Equipment & Supplies	Lexington	34
Industrial Gases	Lexington	34
Industrial Waste Removal	Butler Lexington	33 34
Machine Shops, Tool & Die	Cynthiana	-
Metal Castings	Cynthiana	-
Metal Finishers	Georgetown	21
Metal Service Centers	Lexington	34
Millwrights	Lexington	34
Public Warehouse Facilities	Paris	15

Sources: Kentucky Department of Business Development, Kentucky Directory of Selected Industrial Services, 1987; Division of Research and Planning.

TRANSPORTATION

Rail

CSX Transportation provides main line rail service to Cynthiana. The Southern Railway System provides the nearest piggyback facilities at Georgetown, Kentucky, 21 miles southwest of Cynthiana.

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

Highways

Major highways serving Cynthiana are U.S. Highways 27 and 62, both "AAA"-rated trucking highways (80,000-pound gross load limit). U.S. Highway 62 is "AA"-rated (62,000-pound gross load limit) from Cynthiana northeast to Mt. Olivet. Kentucky Route 36, which is a "AA"-rated trucking highway from Cynthiana northwest to Interstate 75, also serves the city. Interchanges of Interstate 75 are located 19 miles southwest via U.S. 62, and 30 miles northwest via Kentucky 36. The junction of Interstate 64 and the Mountain Parkway is 31 miles south via U.S. 27 and Kentucky 627.

Extensive improvement is planned for U.S. Highway 62 from Cynthiana to Interstate 75. Plans are to straighten and completely reconstruct the highway. A portion of the highway near Cynthiana and a portion near I-75 have been completed.

Truck Service

ABF Freight System, Inc.*	Jones Truck Lines, Inc.*
ANR Freight System, Inc.*	Lawrenceburg Transfer Company**
Advance Transportation Company*	Manning Motor Express, Inc.**
Averitt Express, Inc.**	Middlewest Freightways, Inc.**
Bailey's Express, Inc.**	NW Transport Service, Inc.**
Bishop Motor Express**	The O.K. Trucking Company**
Bowman Transportation, Inc.*	Overnite Transportation, Inc.**
Carolina Freight Carriers Corporation**	Owenton Express, Inc.**
Central Transport, Inc.*	P-I-E Nationwide, Inc.**
Consolidated Freightways Corporation of Delaware**	Preston Trucking Company, Inc.**
Craig's Express, Inc.*	Quick Freight Systems**
Eck Miller Transportation Corporation**	R-W Service System, Inc.**
Harris Motor Express, Inc.**	Roadway Express, Inc.**
Hover Trucking Company**	Spartan Express, Inc.*
	TNT Holland Motor Express, Inc.**
	Transcon Lines**
	Yellow Freight System, Inc.**

* Interstate service only.

** Interstate and intrastate service.

Source: American Motor Carrier Directory, Spring 1989.

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

City	Highway Miles	Delivery		City	Highway Miles	Delivery	
		Time TL				Time TL	
Atlanta, GA	397	2		Los Angeles, CA	2,193	4	
Baltimore MD	556	2		Louisville, KY	92	1	
Birmingham, AL	427	2		Nashville, TN	242	1	
Chicago, IL	344	2		New Orleans, LA	756	3	
Cincinnati, OH	59	1		New York, NY	716	-	
Cleveland, OH	304	1		Pittsburgh, PA	346	2	
Detroit, MI	317	2		St. Louis, MO	366	2	
Knoxville, TN	205	1					

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, 1987. Official Kentucky Mileage Map, 1980. Delivery time - Overnite Transportation Company, 213 Blue Sky Parkway, Lexington, Kentucky 40509.

Air

Local

Cynthiana-Harrison County Airport
Location: 1.5 miles south of Cynthiana
Runways: 1 paved
Length: 3,200 feet
Traffic
Control: Wind sock and lighted wind tee
Lighting: Runway lights-sundown to sunrise, VASI, REIL, RTGBCN
Services: 80 and 100LL fuel; major A & P repairs; hangar, tie down; taxi; A and I service

Nearest Scheduled Commercial Airline Service

Bluegrass Airport
Location: 4 miles west of Lexington, Kentucky;
39 miles southwest of Cynthiana
Runways: 2 paved
Length: 7,000 feet; 3,500 feet
Traffic
Control: Control tower
Lighting: Approach lighting system, beacon, runways and obstructions lighted, VASI
Services: Delta, USAir, Allegheny Commuter, TWA, Jetstream United Express, Eastern Metro, Comair, Air Kentucky, American Eagle; fuel - 100LL and jet-A; hangars, tie-downs; major A & P repairs; major Avionics repairs; APU, charter, flight instruction, oxygen, plane rentals, survival equipment; taxi, limousine, car rentals, courtesy car, weather information; restaurant, snack bar
Air Freight Service: Air freight terminal

Air Express Service

Several major companies offer air express services in Kentucky. These companies provide a quick means of shipping small to medium-sized packages expeditiously.

Water

The nearest navigable waterway is the Kentucky River at Frankfort, 39 miles southwest of Cynthiana, where a 6-foot navigation channel is maintained. The Ohio River, with a 9-foot navigation channel, is accessible 47 miles northeast of Cynthiana at Maysville, where a general cargo facility is proposed for development.

POWER AND FUEL

Electricity

Company serving Cynthiana and parts of Harrison 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 a major portion of Harrison County - Harrison County
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

General Manager
Harrison County Rural Electric
Cooperative Corporation
P. O. Box 130
Cynthiana, Kentucky 41031
(606) 234-3131

Natural Gas

Company serving Cynthiana - Columbia Gas of Kentucky, Inc.
Source of supply - Columbia Gas Transmission, Inc.
Size of transmission mains - 20-inch (supplier); 6- and 8-inch
(distributor)
Distribution mains - 2 to 8 inches
Distribution pressure - 4 ounces to 200 psi
Btu content - 1,000 per cubic foot
Specific gravity - 0.60
For rates and supplies contact:

District Marketing Manager
Columbia Gas of Kentucky, Inc.
P. O. Box 241
Lexington, Kentucky 40584
(606) 255-3612

WATER AND SEWERAGE

Public Water Supply

Company serving Cynthiana - City of Cynthiana Water Department
P. O. Box 67
Cynthiana, Kentucky 41031
(606) 234-3707

Source - South Fork Licking River, North Licking River
Treatment plant capacity - 3,000,000 gallons per day
Average daily consumption - 1,658,000 gallons
Peak daily consumption - 2,802,000 gallons
Treatment processes - Aeration, rapid mix, coagulation, flocculation,
sedimentation, filtration, chlorination, fluoridation
Storage capacity - 1,900,000 gallons (including clear well)*
Size lines - 2 to 16 inches
Water pressure - 40 to 50 psi

MONTHLY WATER RATES

First 2,000 gallons -	\$7.00	Minimum
2,000 - 10,000 gallons -	\$2.65	per 1000 gallons
10,000 - 500,000 gallons -	\$1.40	per 1000 gallons
Over 500,000 gallons -	\$1.10	per 1000 gallons

There is an additional charge of forty percent of the above schedule of rates to consumers for water which is delivered outside the city limits.

Tap-on charge:

3/4-inch meter -	\$350
1-inch meter -	425
2-inch meter -	650

Name of water district - Harrison County Water Association
P. O. Box 215
Cynthiana, Kentucky 41031
(606) 234-4284

Area served - Harrison County and North Bourbon County
Date when water district began operating - 1968
Source of supply of treated water - City of Cynthiana Water Department
Average amount of water used in a 24-hour period - 428,540 gallons
Peak amount of water used in a 24-hour period - 570,380 gallons
Storage capacity - 546,000 gallons
Size lines - 3 to 10 inches
Water pressure - 32 to 146 psi

(Continued)

* The Cynthiana Water Department plans to construct a new one-million gallon storage tank. The \$500,000 facility will be completed in 1990.

MONTHLY WATER RATES

5/8-Inch X 3/4-Inch Meter

First	2,000 gallons	\$11.88	Minimum bill
Next	1,000 gallons	4.39	per M gallons
Next	2,000 gallons	3.89	per M gallons
Next	45,000 gallons	3.24	per M gallons
Over	50,000 gallons	2.74	per M gallons

3/4-Inch Meter

First	3,000 gallons	\$16.27	Minimum bill
Next	2,000 gallons	3.89	per M gallons
Next	45,000 gallons	3.24	per M gallons
Over	50,000 gallons	2.74	per M gallons

1-Inch Meter

First	5,000 gallons	\$24.05	Minimum bill
Next	45,000 gallons	3.24	per M gallons
Over	50,000 gallons	2.74	per M gallons

1 1/2-Inch Meter

First	10,000 gallons	\$40.25	Minimum bill
Next	40,000 gallons	3.24	per M gallons
Over	50,000 gallons	2.74	per M gallons

2-Inch Meter

First	15,000 gallons	\$56.45	Minimum bill
Next	35,000 gallons	3.24	per M gallons
Over	50,000 gallons	2.74	per M gallons

Tap-on charge:

5/8 x 3/4-inch meter -	\$350
3/4-inch meter -	350
1-inch meter -	450
1 1/2-inch meter -	600
2-inch meter -	850

Sewerage

Company serving Cynthiana - City of Cynthiana Waste Water
Treatment Plant
North Locust Street
P. O. Box 67
Cynthiana, Kentucky 41031
(606) 234-2437

Design capacity - 1,500,000 gallons per day

Average daily flow - 700,000 gallons

Type of treatment - Tertiary

Treatment processes - Flow equalization, screening, grit removal,
rotating biological contactors, chlorination, filter press,
tertiary filter, extended aeration

Treated effluent discharged into - South Fork Licking River

Size of sanitary mains - 6 to 24 inches

Size of storm mains - 16 to 24 inches

Monthly rates - Based on metered water consumption

First 2,000 gallons -	\$3.92 (Minimum)
2,000 - 500,000 gallons -	1.59 per M gallons
Over 500,000 gallons -	.73 per M gallons

Tap-on charge: None

CLIMATE

Harrison County

Temperature

Normal (30-year record)	54.90 degrees
Average annual 1987	56.80 degrees
Record highest, August 1983 (43-year record)	103.00 degrees
Record lowest, January 1963 (43-year record)	-21.00 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.)	4,814

Precipitation

Normal (30-year record)	45.68 inches
Mean annual snowfall (43-year record)	16.40 inches
Total precipitation 1987	36.68 inches
Mean number days precipitation (.01 inch or more) (43-year record)	130.10
Mean number days thunderstorms (43-year record)	45.40

Prevailing winds (through 1963)

South

Relative Humidity (24-year record)

1 a.m.	77 percent
7 a.m.	81 percent
1 p.m.	60 percent
7 p.m.	64 percent

Source: U.S. Department of Commerce, Environmental Science Services Administration, Climatological Data, 1987. Station of record: Lexington, Kentucky.

LOCAL GOVERNMENT

Structure

Cynthiana is served by a mayor and four commissioners. The mayor serves a four-year term, the commissioners serve a two-year term. Harrison County is served by a county judge/executive and eight magistrates. The county judge/executive and magistrates all serve four-year terms.

Planning and Zoning

Joint agency - Cynthiana-Harrison County-Berry Joint Planning Commission
Participating cities - Cynthiana, Berry, and all towns within the county
Zoning enforced - County-wide, including all cities
Subdivision regulations enforced - County-wide, including all cities
Local codes enforced - Building and housing codes county-wide, including all cities
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

Cynthiana levies a 1 1/2 percent occupational license tax on gross wages, salaries, commissions, and other compensation earned in the city. The 1 1/2 percent tax is also levied on net profits on sales of all businesses, professions, or occupations for activities conducted inside the city limits. Regulatory license fees for specified businesses range from \$5 to \$300 per year.

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

	City of Cynthiana	Unincorporated Harrison County
Land and Buildings	\$0.882	\$0.722
Manufacturing		
Machinery	0.150	0.150
Pollution Control		
Equipment	0.150	0.150
Inventories		
Raw materials	0.001	0.001
Goods in Process	0.001	0.001
Finished Goods	0.679	0.519
Automobiles & Trucks	1.130	0.970
Other Tangible		
Personal Property	1.128	0.968
Intangibles (Accounts receivable*, money in hand, stock, notes, bonds)	0.250	0.250
Goods Stored in Public Warehouses in Transit Status	0.001	0.001
Private Leaseholds in Industrial Revenue Bond Financed Facilities	0.015	0.015

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

Safety

Police	Cynthiana	Harrison County Sheriff's Office
Total staff	15	5
Radio-patrol cars	5	2
Fire*		
Insurance Services Office, Public Protection Classification	5	**
Full-time staff	19	--
Volunteers	12	58
Rescue Service		

Cynthiana and Harrison County are provided rescue service by the Harrison County Rescue Squad. The rescue squad is staffed by members of the Harrison County Volunteer Fire Department.

Refuse Collection and Disposal

The city of Cynthiana provides refuse collection and disposal within the city. The collection of refuse in Harrison County is handled by a private contractor.

* Includes copyrighted material of ISO Commercial Risk Services, Inc., with its permission.

** The Harrison County Fire Protection area and Corinth Fire District has a rating of class 9 within five road miles of a responding fire station and class 10 more than five road miles.

EDUCATION

Public Schools

Harrison County

Total Enrollment (Spring, 1989)	3,094
Kindergarten	246
Elementary	1,259
Middle School	740
High School	849
 Pupil-Teacher Ratio (1987-88)	 19-1
 Percent High School Graduates to College (1987-88)	 39.9
 Expenditures Per Pupil (1987-88)	 \$2,243.64

Nonpublic Schools

<u>School</u>	<u>Enrollment</u>	<u>Grades</u>
St. Edward Elementary	95	1-8
Faith Christian School	31	K-12

Area Colleges and Universities

<u>Name</u>	<u>Location (Miles distant)</u>	<u>Enrollment (Fall, 1988)</u>	<u>Highest Degree Conferred</u>
Georgetown College	Georgetown (21)	1,471	Masters
Midway College	Midway (31)	396	Associate
Lexington Community College	Lexington (34)	3,401	Associate
Transylvania University	Lexington (34)	1,041	Baccalaureate*
University of Kentucky	Lexington (34)	22,824	Doctorate, M.D., D.M.D., J.D.
Kentucky State University	Frankfort (39)	2,222	Masters
Maysville Community College	Maysville (47)	873	Associate
Northern Kentucky University	Highland Heights (51)	9,497	Masters, J.D.
Asbury College	Wilmore (52)	987	Baccalaureate
Eastern Kentucky University	Richmond (53)	13,664	Masters, Specialist**

* Courses in a masters degree program are taught on the Transylvania campus by faculty members of Xavier University of Cincinnati. The degree is issued by Xavier University.

** Joint doctoral degree programs are offered in cooperation with the University of Kentucky, Lexington. The degrees are issued by the University of Kentucky.

Vocational Training

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.

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.

Nearest State School

Central Kentucky State Vocational-Technical School
Lexington, 34 miles distant

Business & Office	Drafting (with CAD/CAM)
Accounting/Management	Electricity
Clerical	Electronics
Secretarial	Graphic Arts
Consumer & Home Economics	Machine Shop
Commercial Foods	Mine Equipment Operator
Consumer & Family Life	Welding
Skills	Learning Resource Center
Health & Personal Services	Public Service Occupations
Occupations	Business/Industry Security
Cosmetology	Training
Dental Assisting	CPR Training
Practical Nursing	Electrical Safety Training
Surgical Technology	Emergency Medical Care
Industrial Education	Fire Service Training
Air Conditioning	First Aid & Safety
Auto Body Repair	Rescue & Emergency Services
Auto Mechanics	Training
Carpentry	

Nearest Area Education Center

Harrison County Vocational Education Center
Cynthiana

Business & Office

Accounting/Management

Clerical

Secretarial

Health & Personal Services

Occupations

Health Services

Industrial Education

Auto Mechanics

Carpentry

Electricity

Machine Shop

Welding

Learning Resource Center

HEALTH

Local Medical Personnel

Physicians - 13 resident
 10 commuting specialists
Dentists - 7

Hospitals

<u>General Hospital</u>	<u>Location</u>	<u>Beds</u>
Harrison Memorial Hospital	Cynthiana	99

Medical staff - 11 physicians, 32 registered nurses, and 16 licensed practical nurses

Other Medical Facilities

Harrison County Comprehensive Care Center
WEDCO District, Harrison County Health Center and Home Health Service (a public health facility)

Ambulance Service

Name - Brown Ambulance Service, Inc.
Staff - 8 emergency medical technicians

OTHER LOCAL FACILITIES

Communications

Telephone - Telegraph -	South Central Bell Telephone Company Western Union Toll-Free number, 1-800-325-6000
Newspapers - Weekly and circulation -	Cynthiana Democrat 5,400
Radio -	WCYN - AM & FM
Television - Airwave reception from -	Lexington and Louisville, Kentucky; Cincinnati, Ohio
Cable service - Educational Television -	CENTEL Cable Television The Kentucky Educational Television (K.E.T.) network is available statewide

Library Services

Public library - Cynthiana Public Library
Size collection - 51,051 volumes
Circulation, 1987-88 - 92,347 (includes Berry Branch and Bookmobile)

Religious Institutions

Denominations -	Assembly of God Baptist Catholic Christ Victory Church Christian Church of Christ Church of God Church of the Advent Episcopal Church of the Nazarene	Disciples of Christ Christian Church First Apostolic Church Methodist Pentecostal Church of God Pilgrim Holiness Presbyterian Seventh Day Adventist
Nearest Synagogues - Congregations -	Lexington, 34 miles southwest of Cynthiana Adath Israel (reform) Ohavey Zion (traditional)	

Financial Institutions

<u>Banks</u>	<u>Assets</u>	<u>Deposits</u>	<u>Statement Date</u>
Farmers National Bank	\$62,966,000.00	\$51,526,000.00	12/31/88
Harrison Deposit Bank	32,388,000.00	29,253,000.00	12/30/88
The National Bank of Cynthiana	63,678,000.00	56,978,000.00	12/31/88

<u>Savings and Loan Associations</u>	<u>Assets</u>	<u>Deposits</u>	<u>Statement Date</u>
First Federal Savings Bank	\$44,705,954.34	\$41,374,702.64	6/30/88

Hotels and Motels

Total number - 1
Total rooms - 27

RECREATION

Local

The Cynthiana-Harrison County Recreation Department provides public recreational opportunities through a county-wide program. Public recreation facilities include three parks, two mini-parks, and a gymnasium. The department also leases all recreational facilities at the high school for public use. These facilities include a swimming pool, four tennis courts, and three baseball diamonds.

River Road Park is a 15-acre recreational facility located on the South Fork Licking River. The park contains a baseball diamond, two softball diamonds, a large picnic shelter, a picnic area, a concession stand, restrooms, playground, shuffleboard courts, four basketball courts, and volleyball courts.

Reverend Ross Park is an 8-acre facility featuring tennis courts, basketball courts, two playgrounds, a picnic area, and three shelters.

Pleasant Street Park offers a basketball court, a picnic area, and a playground.

The department oversees summer little league, girls softball and youth soccer activities at the high school ball fields. It also schedules a variety of activities at the gymnasium including volleyball and a winter basketball program. Adult softball leagues are offered by the recreation department. Classes in Karate and Gymnastics are also available.

Annual events in Cynthiana include the Harrison County Fair and a charity horse show.

Private recreational facilities available in Cynthiana include an indoor movie theater, bowling lanes, a health spa, and a country club with a swimming pool and 9-hole golf course.

Area (Within 55 miles)

Blue Licks Battlefield State Park is located near Mt. Olivet, 24 miles east of Cynthiana. The 100-acre park is on the site of the last Revolutionary War battle in Kentucky. A museum features Indian and pioneer artifacts, an audiovisual program, and prehistoric bones from animals trapped at Blue Licks. Facilities include 51 campsites, a state nature preserve, a gift shop, picnic shelters and grills, miniature golf, a snack bar, and an Olympic-size swimming pool. Fishing is available at the Licking River which runs through the park.

Kincaid Lake State Park, 26 miles north of Cynthiana near Falmouth, offers many opportunities for the outdoors lover. The park offers a 175-acre lake, a sand beach, a 209-site campground, a gift shop/grocery store, a bathhouse, swimming, boating, hiking, picnicking, an amphitheatre, shuffleboard, miniature golf, tennis, and organized recreational programs in the summer months.

The Kentucky Horse Park, a park dedicated to horses and to man's love for horses, is located 28 miles southwest of Cynthiana at Lexington. The park, which contains more than 1,000 acres of Kentucky Bluegrass, features the International Museum of the Horse; the American Saddle Horse Museum; the Man O'War Memorial; the wide screen film "Thou Shalt Fly Without Wings"; an antique carriage display; horseback and pony rides; walking farm tours; horse-drawn tours; a restaurant; a gift shop; and a campground area, which offers swimming, tennis, and planned activities. Numerous special events are held year-round and include various horse shows, steeplechasing, dressage, polo games, and rodeos.

Lexington, 34 miles southwest of Cynthiana, offers a variety of cultural, sporting, and recreational activities. Thoroughbred and harness racing is presented at Keeneland Race Course and the Red Mile Harness Track during several meets each year. The University of Kentucky and Transylvania University offer a number of sporting events. The University of Kentucky basketball games are held at Rupp Arena, the second largest basketball arena in the world. Other attractions include Lexington Philharmonic concerts, Lexington Children's Theatre, and plays performed by Broadway touring companies, all held in the recently renovated Opera House. In addition, located in the heart of downtown Lexington, the historical Victorian Square and Festival Market Place offer a taste of nostalgia with their many quaint shops and restaurants.

Waveland State Shrine, 39 miles southwest of Cynthiana near Lexington, features an 1847 Greek Revival mansion depicting Kentucky lifestyles from the days of early settlers to the antebellum era of gentility and elegance as well as the Civil War and postwar periods. The shrine also includes the Kentucky Life Museum and a plantation village on ten acres with many shops and displays.

Frankfort, the capital of Kentucky, is 39 miles southwest of Cynthiana. Points of interest in Frankfort include the Capitol Building, a 34-foot floral clock, the Daniel Boone Monument, several museums, and historic homes with their original furnishings. Frankfort is also the home of Kentucky State University which offers many cultural activities and sporting events.

The spirit of Daniel Boone and his pioneers is reborn at Fort Boonesborough State Park in Boonesboro, 40 miles south of Cynthiana. In the re-created fort, pioneer crafts of the eighteenth century are demonstrated by using functioning antiques from the frontier era. Cabins are furnished as they would have been in the days of Boone and documentary films are presented which depict the struggle of the first Kentuckians to make the Kentucky wilderness a home. A gift shop within the fort offers for sale all the handcrafted items made at the fort. Other recreational facilities and activities of the park include the finest sand beach on the Kentucky River with a modern bathhouse and a modern 187-site camping area, a picnic area, a playground and miniature golf.

White Hall State Shrine, 47 miles south of Cynthiana near Richmond, one of the grand estate houses of post-Civil War Kentucky, is the Italianate mansion of Cassius Marcellus Clay, the early abolitionist and politician. Kentucky handcrafts are sold in the White Hall gift shop, only a short walk from the mansion.

Big Bone Lick State Park in Boone County, 52 miles northwest of Cynthiana, provides a unique combination of educational and recreational pleasures. Visitors can walk through the natural outdoor museum with replicas and exhibits that tell the story of Big Bone Lick. Recreational activities and facilities include a modern campground with 62 sites, fishing in a nearby lake, an indoor and outdoor museum and gift shop, picnic grounds, tennis, shuffleboard, volleyball, basketball, horseshoes, planned recreation, and a swimming pool in the camping area.

COMMUNITY IMPROVEMENTS

Recent

Construction of a 16-inch water main from the Licking River, near Claysville, to Cynthiana was completed in June 1988. The 13-mile waterline supplies approximately 3-million gallons of additional raw water per day to the treatment plant. Cost of this project was approximately \$2.5 million.

Lucas Equine Equipment, Inc., recently began operations in Cynthiana. This company manufactures steel and wood horse barn equipment and wood and metal farm gates.

The Harrison County School System recently purchased 73 new computers. A "Write to Read" program as well as other programs are being established on the new computer system. Future plans include the addition of computer labs.

The Harrison County Water Association recently completed installation of approximately 20 miles of additional water mains. This \$616,000 project serves approximately 200 new customers in Harrison County.

Under Way

A new connector road is under construction which will extend from Kentucky Route 982 to U.S. Route 27. This new highway will serve the industrial park. The \$298,000 project is scheduled to be completed in July 1989.

Facilities at the Cynthiana Water Treatment Plant are currently being expanded. These improvements include a new 12-inch waterline from an intake to raw well, settling lagoons, and two new pump stations. Approximate cost of these additions is \$413,000 and expected to be completed in late 1989.

Planned

A program is planned to establish the central business district of Cynthiana as an open-air museum. Tours will be conducted featuring Victorian commercial buildings. This program is planned to be initiated in August 1989.

The Cynthiana-Harrison County Public Library plans to construct a new facility on Main Street. The new library will include additional book space as well as a 100-seat community room and childrens area. Construction is tentatively scheduled to be complete in the spring of 1990 at a cost of approximately \$700,000.

The Cynthiana Water Department plans to construct a new one-million gallon storage tank. The \$500,000 facility will be completed in 1990.

Plans to install a 911 emergency telephone system in Harrison County are under way. The system is expected to be in full operation by the fall of 1989.

The Cynthiana Elk's Lodge #438 plans to construct a new lodge and recreational facilities on a 30-acre tract recently acquired near Cynthiana. Facilities will include play areas, ball fields, and possibly a swimming pool.