

1969

# Industrial Resources: Nicholas County - Carlisle

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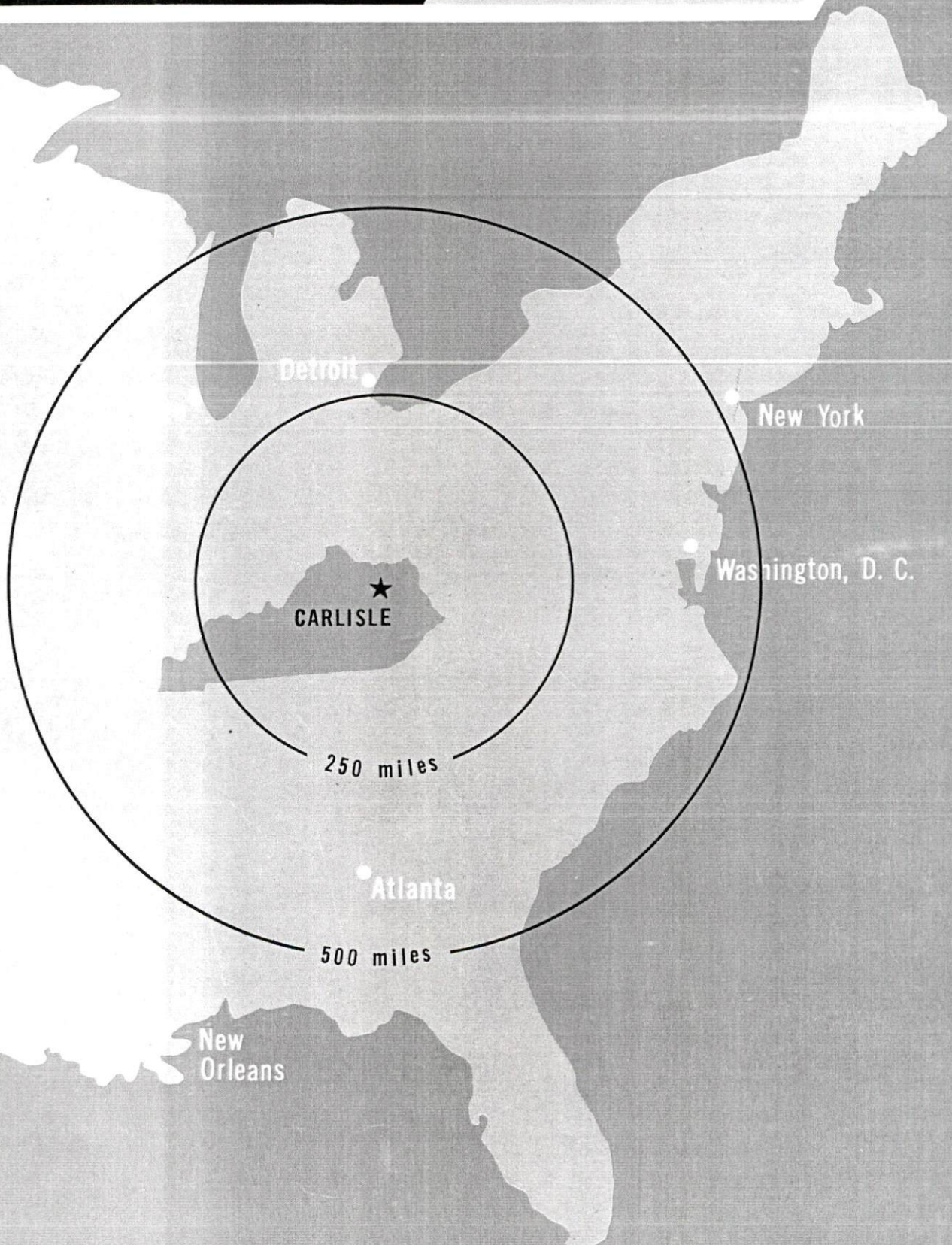
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# **INDUSTRIAL RESOURCES**

**CARLISLE  
KENTUCKY**



CARLISLE INDUSTRIAL SITES

1969



## CARLISLE INDUSTRIAL SITES

For more detailed information concerning the following sites, contact Mr. Charles M. Cox, Carlisle Kentucky, or the Kentucky Department of Commerce, Frankfort, Kentucky.

SITE #1: ACREAGE AND TOPOGRAPHY: 105 acres of gently rolling land  
LOCATION: 1 mile west of Carlisle city limits  
HIGHWAY ACCESS: Kentucky Route 36 borders this property.  
RAILROADS: Louisville & Nashville Railroad tracks are located  
            across the highway.  
WATER: Carlisle Water System                      SIZE LINE: 8-inch  
GAS: Carlisle Gas System                         SIZE LINE: 2-inch  
ELECTRICITY: Kentucky Utilities Company  
SEWERAGE: Could be made available  
OWNERSHIP: Nicholas County Fiscal Court

SITE #2: ACREAGE AND TOPOGRAPHY: 44 acres of level to gently  
            rolling land  
LOCATION: Approximately 1 mile west of the city limits  
ZONING: Industrial  
HIGHWAY ACCESS: Kentucky Route 13  
RAILROADS: Louisville & Nashville Railroad tracks located  
            approximately one-half mile from site  
WATER: Carlisle Water System                      SIZE LINE: 8-inch  
GAS: Carlisle Gas System                         SIZE LINE: 2-inch  
ELECTRICITY: Kentucky Utilities Company  
SEWERAGE: Could be made available  
OWNERSHIP: Nicholas County Development Corporation



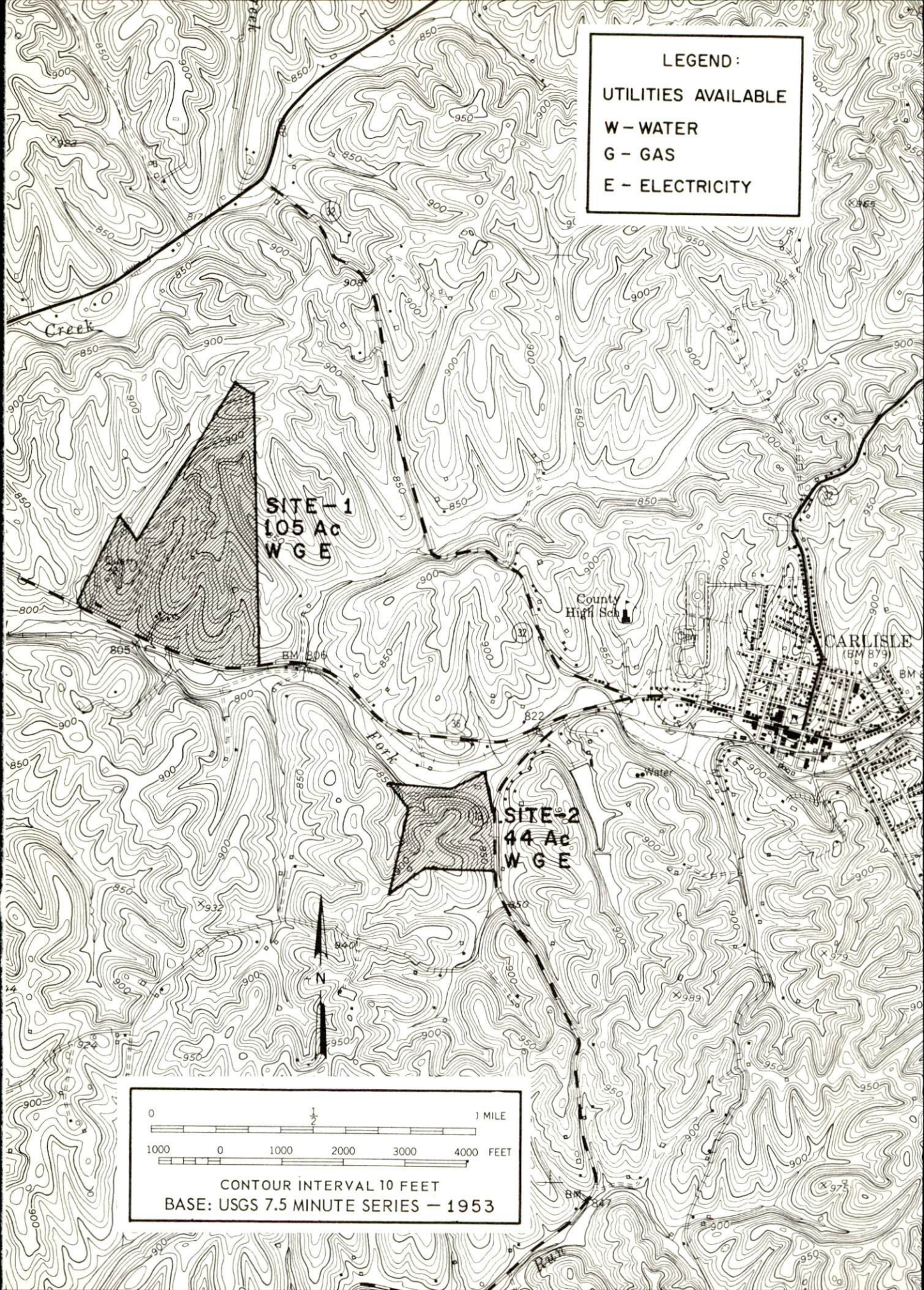
LEGEND:

UTILITIES AVAILABLE

W - WATER

G - GAS

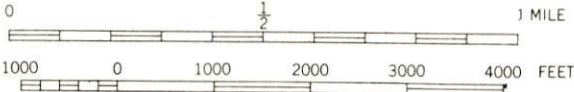
E - ELECTRICITY



SITE-1  
105 Ac  
W G E

SITE-2  
44 Ac  
W G E

CARLISLE  
(BM 879)



CONTOUR INTERVAL 10 FEET  
BASE: USGS 7.5 MINUTE SERIES - 1953



INDUSTRIAL RESOURCES

CARLISLE, KENTUCKY

Prepared by

The Kentucky Department of Commerce

in cooperation with

Carlisle-Nicholas County Chamber of Commerce

1969

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## CARLISLE, KENTUCKY, A PROFILE

### Location

Carlisle, the county seat of Nicholas County, is located in the Blue Grass Region of Kentucky. The Blue Grass Region has long been famous for its landscape and horses. During the decade of the sixties a new landmark has appeared: manufacturing, spearheading a general economic growth. Located near the center of the Ashland, Lexington, Cincinnati triangle, Carlisle combines small town living with accessibility to major metropolitan areas.

### The Economy

Carlisle's economy is primarily agricultural as is the area in which it is located. Manufacturing activity has increased significantly in recent years. Manufacturing employment has grown 32 percent since 1960. The community has welcomed new industries to the area and has established an industrial park.

In the Carlisle labor market area, industrial activity has grown 53.6 percent since 1960. The heaviest areas of growth have been in Harrison County (machinery and metal products), Fleming County (apparel), and Bourbon County (apparel).

### Labor Supply

There is a current labor supply of 2,150 men and 2,550 women in Nicholas and adjacent counties. During the next five years, 2,900 young men and 2,950 young women will become 18 years of age, augmenting this labor supply.

### Industrial Sites and Services

Two industrial sites of 44 acres and 105 acres are available. The larger is being developed as an industrial park.

Transportation facilities by rail are good, and a spur to the Industrial Park is planned.

Three trucking companies serve Carlisle with interstate and intrastate service.

Commercial air service is available at Blue Grass Field, 28 miles southwest in Lexington.

The nearest barge shipping point is Frankfort, 46 miles west.

Electric power is available in good supply from Kentucky Utilities Company, Harrison County RECC, and Fleming-Mason RECC. Natural gas is supplied by the City of Carlisle, whose source of supply is the Columbia Gas of Kentucky, Inc.

### Recreation

Local recreational facilities include a motion picture theater, a city and county ball park, school playground and a city playground. The 150-acre Lake Carnico, located 3 miles from Carlisle, provides a camping area, camp site, boat dock, park, restaurant, and boating and fishing facilities. The 4-H club also owns a 15 - acre lake, which is used for fishing, boating, swimming and camping.

Area recreation includes Lake Herrington, 52 miles southwest, which provides facilities for boating, fishing, camping, swimming and picnicking. Blue Licks Battlefield State Park, 11 miles north of Carlisle, provides many facilities including a new swimming pool.



## THE LABOR MARKET

### Population

Carlisle has had an increase in population over the past decade due to the increased manufacturing employment surrounding the city. The numerical increase between 1950 and 1960 was 154.

Nicholas County has experienced a steadily declining population since 1900, as more and more families leave farms for industrial jobs. Since 1960 this decline has been slowed considerably as industry has moved into the county.

TABLE 1

POPULATION TREND - CARLISLE AND NICHOLAS COUNTY,  
KENTUCKY 1/

Year	Carlisle		Nicholas County	
	Population	% Change	Population	% Change
1900			11,952	
1950	1,524		7,532	-37.0
1960	1,601	5.1	6,677	-11.4
1968			6,400 <u>2/</u>	- 4.1

### Employment Characteristics

During 1967 total employment in Nicholas County averaged 2,607. Manufacturing, agriculture, and government provide Carlisle with a varied economic base.

Agricultural employment totaled 1,117 workers in 1967, and 277 workers were employed in wholesale and retail trades during the same year.

Employment in manufacturing accounted for 790 jobs in 1968. Apparel and textile industries employed 787 of the 790 manufacturing employees.

Industrial growth in Carlisle has been marked in the past few years by growth of the apparel industry which has doubled its employment and expanded its facilities.

In the adjoining counties ten firms have located new plant facilities creating over 920 jobs, and 15 have expanded adding over 480 jobs since 1960. Total investment in these new and expanded industrial facilities has been estimated at over \$7,500,000. Major growth has been in metal products.

### Manufacturing Characteristics

Manufacturing activity in Nicholas County has increased since 1960. Employment has risen 32.3 percent with the addition of 187 new employees primarily in the apparel industry. The 1968 total was 790 for all manufacturing industries.

One firm in the county currently employs over 500 people and another plans to continue expansion to an employment of over 100. Both are in the apparel and textile industry.

TABLE 2

### CARLISLE MANUFACTURING FIRMS WITH PRODUCTS AND EMPLOYMENT, 1969 <sup>3/</sup>

Firm	Product	Employment		
		Total	Male	Female
Blue Grass Industries, Inc.	Woven and knit garments	593	45	548
Blue Grass Knitting, Inc.	Knitted fabrics	73	70	3
Carlisle Manufacturing Co.*	Metal parts	2	2	0
The Carlisle Mercury	Newspaper, commercial printing	3	2	1
Hopkins Machine Shop	Machine shop	2	2	0

\*Started operations January 1969.

In the six-county Carlisle labor supply area - Nicholas, Bath, Bourbon, Fleming, Harrison and Robertson Counties - there were 3,750 employed in manufacturing in June, 1968. Growth since 1960 has been sharpest in apparel, machinery and metal products and significant in primary metals.

The food and beverage industry is mostly concentrated in Harrison County. The apparel industry is concentrated in Bourbon and Nicholas Counties with some found in Harrison and Fleming Counties. Metal products and machinery are concentrated primarily in Harrison and Bourbon Counties. The industries listed as "Other" are concentrated in Nicholas County.



TABLE 3

MANUFACTURING EMPLOYMENT, NICHOLAS COUNTY  
LABOR MARKET AREA, JUNE, 1968 <sup>4/</sup>

Industry	Employment
TOTAL	3,750
Food and beverages	191
Apparel	2,069
Metal products and machinery	1,222
Other	368

Labor Organizations

There are no labor organizations represented in Carlisle's manufacturing firms.

Industrial Services

There is a machine shop and a metal parts shop in Carlisle which can provide some services to industry. <sup>5/</sup>

Wage Levels

The 1967 average weekly wage in all industries covered by unemployment insurance in Nicholas County was \$63.14. Manufacturing figures for the county are not available. Comparable figures for Kentucky were \$104.50 for all industries and \$115.08 for manufacturing. All counties in the Carlisle labor market area were below the state averages.

Some representative wages in Carlisle and Nicholas County are as follows: <sup>6/</sup>

<u>Production Employees</u>	<u>Wages per Hour</u>	
	<u>Starting</u>	<u>Maximum</u>
Assembler	\$2.00	\$2.35
Drill Press Operator	2.00	2.47
Grinder, Machine	1.85	2.35
Inspector	1.80	2.45
Lathe Operator	1.85	2.60
Machinist, Set Up	2.50	3.50
Polisher and Buffer	1.90	2.35
Production Laborer	1.85	2.20
Punch Press Operator	1.75	2.35
Sprayer or Painter	1.95	2.89

(Contd.)

	<u>Wages per Hour</u>	
	<u>Starting</u>	<u>Maximum</u>
Welder, Arc or Acetylene	\$1. 75	\$2. 50
Sewing Machine Operator	1. 60	1. 75
<u>Service Employees</u>		
Carpenter	\$2. 00	\$2. 75
Electrician	2. 27	3. 25
Janitor	1. 70	2. 14
Laborer	1. 70	2. 14
Machinist	2. 50	3. 50
Mechanic, Maintenance	2. 25	3. 00
Shipping Clerk	1. 70	2. 00
Truck Driver	1. 70	2. 35
Tool, Die or Gauge Maker	2. 75	4. 50
<u>Office Employees</u>		
Bookkeeper or Accounting Clerk	\$1. 70	\$2. 50
Draftsman	2. 45	3. 25
Key Punch Operator	1. 75	2. 15
Receptionist	1. 70	2. 10
Secretary	1. 75	2. 25
Stenographer	1. 70	2. 25
Telephone Operator	1. 70	2. 00
Typist	1. 70	2. 15

### Labor Supply

The estimated current labor supply of the Carlisle area is 2, 150 men and 2, 550 women. The supply includes the unemployed, underemployed and those who would enter the labor force to take industrial jobs if they were available.

During the next five years 2, 900 young men and 2, 950 young women will reach 18 years of age and augment the current labor supply.

Workers could be expected to commute to Carlisle from Bath, Fleming and Robertson Counties in response to job opportunities. The number available, however, would depend on many factors including wage scales and working conditions.



TABLE 4  
CURRENT AND FUTURE LABOR SUPPLY -  
CARLISLE LABOR MARKET AREA 7/

County	Current Labor Supply July 1968			Future Labor Supply by 1975 (Becoming 18 Years of Age)		
	Total	Male	Female	Total	Male	Female
Labor Market						
Area	4,700	2,150	2,550	5,864	2,919	2,945
Nicholas	500	250	250	610	310	300
Bath	1,100	500	600	906	452	454
Bourbon	1,000	500	500	1,851	907	944
Fleming	800	300	500	1,017	522	495
Harrison	900	400	500	1,284	633	651
Robertson	400	200	200	196	95	101

Income

The total personal income in Nicholas County in 1968 was estimated at \$14,805,000. Per capita income was \$2,278 for a gain of \$1,108 during the previous nine years. 8/

## EDUCATION

The educational system within the Carlisle labor market area has the facilities to produce an effective labor force for future industrial growth.

### Elementary and High Schools

The Nicholas County School System is composed of one high school and three elementary schools. Programs in addition to regular academic subjects include vocational agriculture, vocational home economics and industrial arts.

The staff is composed of 70 professional and 50 nonprofessional employees. Special personnel include a counselor and four remedial reading teachers. The budget for 1968-69 was \$649,199.

Plans are being made for a new consolidated elementary school.

TABLE 5

SCHOOLS, ENROLLMENT, NUMBER OF TEACHERS, STUDENT-TEACHER RATIO IN CARLISLE AND NICHOLAS COUNTY, 1968-69 <sup>9/</sup>

School	Grades	Enrollment	No. of Teachers	Student-Teacher Ratio
Carlisle Elementary	1- 8	525	19.1	27-1
Moorefield Elementary	1- 6	165	7.2	22-1
Nicholas County Elementary	1- 6	323	14.2	23-1
Nicholas County High School	9-12	355	19.2	18-1

### Vocational Schools

Carlisle is served by the Central Kentucky Area Vocational-Technical School located in Lexington. An Extension Center at Cynthiana, to be opened in the Fall of 1969, will also serve students from Carlisle.

The Central Kentucky Area Vocational-Technical School occupies a new building, and is located 1 mile northwest of Lexington. Courses offered include appliance repair, auto body repair, auto mechanics, commercial foods, printing, distributive education, drafting, electronics, communications, office practice, home economics, horticulture, industrial electricity, machine shop, practical nursing, radio and television repair, sheet metal, tool and die design, welding and office machine repair.

In addition to regular preparatory classes, upgrading courses are offered in evening extension classes for employed persons. Special courses are also available for eligible people under the Manpower Development and Training Act.

Extension centers are also located in Mount Sterling, 22 miles northeast, and Maysville, 36 miles north of Carlisle.

### Colleges

The main campus of the University of Kentucky is located 35 miles southwest in Lexington. The University has ten colleges, a School of Architecture, a Graduate School, a Law School, and a Division of University Extension, thus offering a wide variety of educational programs. The University serves the area as a cultural, educational, research and medical center.

Georgetown College is a liberal arts college affiliated with the Baptist Church. It confers degrees in six fields. Georgetown College is located 37 miles west of Carlisle in Georgetown.

Other institutions of higher learning in the Carlisle area include:

<u>College or University</u>	<u>Location</u>	<u>Distance</u>
Transylvania College	Lexington, Kentucky	31 miles
Southeastern Christian College	Winchester, Kentucky	31 miles
Lexington Technical Institute	Lexington, Kentucky	31 miles
Maysville Junior College	Maysville, Kentucky	36 miles
Morehead State University	Morehead, Kentucky	45 miles
Kentucky State College	Frankfort, Kentucky	49 miles



## TRANSPORTATION

### Rail

The Louisville & Nashville Railroad serves Carlisle with interconnections with the Chesapeake and Ohio at Maysville and Winchester. Services include one freight daily, except Sunday, between Paris and Maysville. Switching service is available and outbound shipments average two carloads per month. Inbound shipments average 30 carloads per month.

TABLE 6

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

No. of Days		No. of Days	
City	CL	City	CL
Atlanta, Ga.	4	Los Angeles, Calif.	7
Birmingham, Ala.	5	Louisville, Ky.	3
Chicago, Ill.	4	Nashville, Tenn.	3
Cincinnati, Ohio	2	New Orleans, La.	5
Cleveland, Ohio	4	New York, N. Y.	5
Detroit, Mich.	4	Pittsburgh, Pa.	4
Knoxville, Tenn.	3	St. Louis, Mo.	4

### Highways

Carlisle is served by Kentucky Highways 32, 36, and 13; U. S. Highway 68 is 3 miles west of the city. Interstate Highway 64 (east-west) passes 22 miles south of Carlisle, and I-75 (north-south) passes 16 miles west of Carlisle. Carlisle is linked to the interstates by Class AAA and AA trucking routes.

Truck Service: The following trucking firms provide Carlisle with interstate and intrastate service:

#### Company

Ecklar-Moore Express, Inc.  
McLean Trucking Co.  
Turner Expediting Service

#### Home Office

Lexington, Kentucky  
Winston-Salem, North Carolina  
Louisville, Kentucky

TABLE 7

HIGHWAY MILES AND TRUCK TRANSIT TIME FROM CARLISLE,  
KENTUCKY, TO SELECTED MARKET CENTERS <sup>11/</sup>

City	Highway Miles	Delivery Time (Days)		City	Highway Miles	Delivery Time	
		LTL	TL			LTL	TL
Atlanta, Ga.	420	3	2	Los Angeles, Cal.	2,304	6	5
Birmingham, Ala.	454	3	2	Louisville, Ky.	110	Overnight	
Chicago, Ill.	369	2	1	Nashville, Tenn.	254	2	1
Cincinnati, Ohio	78	Overnight		New Orleans, La.	800	3	2
Cleveland, Ohio	324	2	1	New York, N. Y.	749	3	2
Detroit, Mich.	326	2	1	Pittsburgh, Pa.	366	2	1
Knoxville, Tenn.	229	2	1	St. Louis, Mo.	374	2	1

Air

Carlisle is 35 miles from Blue Grass Field in Lexington, which is served by Eastern, Delta, Piedmont and Allegheny Airlines with 28 flights daily. There are three paved runways - 5,500 by 150 feet, 3,500 by 150 feet, and 3,500 by 150 feet. One runway is being extended to 6,500 feet to facilitate full jet service. Services at Blue Grass Field include Weather Bureau and FAA communication; charter service; car rental service; 50, 100, 145 octane fuel; jet fuel; major A & E repairs; storage; restaurant; flight instruction; and air taxi service.

A light craft airfield with a 3,200 by 75-foot paved runway and "Unicom" landing aid is located in Cynthiana. Fuel and other services are available.

Water

The nearest barge shipping points are the Ohio River at Maysville or the Kentucky River at Frankfort.

Other Transportation Services

The Southern Greyhound Bus Lines serve Carlisle with three buses daily between Carlisle, Maysville, and Lexington.

## POWER AND FUEL

### Electricity

The Kentucky Utilities Company provides service to 1,250 customers in Carlisle and Nicholas County with a 69 KV line and an interconnection with the East Kentucky RECC giving the city an active two-way feed. In 1967 the system was completely rebuilt at a cost of approximately \$500,000.

Kentucky Utilities Company provides electric service in 78 Kentucky counties. The Company has a generating capacity of approximately 740,000 KW in its six generating stations which are located in southeastern, central, and western Kentucky. Additional generating capacity of 427,000 KW is under construction with completion scheduled for May 1971. The Company also has interconnections with nine other major generating sources which provide a means of interchanging substantial blocks of electricity when desired. Rates for industry will be furnished by the Company's Industrial Development Department in Lexington, Kentucky.

### Natural Gas

The City of Carlisle provides 840 customers in the Carlisle vicinity with natural gas. The supplier is the Columbia Gas of Kentucky, Inc. The city has a 3-inch diameter, 110 psi transmission line which connects with the Columbia Gas line 1 mile from the city. Distribution is through 4-, 3-, and 2-inch lines at 10 psi with a BTU content of 1,040 and a specific gravity of .60.

#### General Service Monthly Gas Rates

First	1,000 cu. ft.	\$2.00
Next	1,000 cu. ft.	.90
Next	3,000 cu. ft.	.80
Next	10,000 cu. ft.	.75
Over	15,000 cu. ft.	.65
Minimum Bill		\$2.00

### Coal

Carlisle is served by the Eastern Kentucky Coal Field. Delivery cost for industrial use from Hazard or Harlan is \$3.36 per net ton.



### Fuel Oil

Kentucky has three fuel oil refineries located in Catlettsburg, Louisville and Somerset. Kentucky's fuel supply is supplemented by border state operations.

Delivered prices of the various grades may be obtained from the Kentucky Department of Commerce.

## WATER AND SEWERAGE

### Water

The municipal water plant supplies treated water to 754 customers in Carlisle. The treatment plant draws raw water from two reservoirs and the Licking River and can treat 760,000 gallons per day using a process of chlorination, sedimentation, fluorination and filtration. Average daily use is 250,000 gallons and maximum daily use has been 410,000 gallons. The distribution lines are 10, 6, and 4 inches in diameter.

Storage facilities for treated water consist of three elevated tanks with a total capacity of 315,000 gallons.

Consulting engineers from Lexington are in the process of checking the system for possible updating if needed.

Current monthly water rates per thousand gallons are:

First	1,000 gallons	\$3.00 (Minimum)
Next	4,000 gallons	1.20
Next	5,000 gallons	1.10
Next	5,000 gallons	.90
Next	10,000 gallons	.70
Next	25,000 gallons	.60
Next	50,000 gallons	.50
Next	100,000 gallons	.40
Next	300,000 gallons	.35
Over	500,000 gallons	.30

### Sewerage

Carlisle's sewage treatment plant has a design population of 2,000 and presently serves 1,700 persons. The excess capacity is 300 persons or 100,000 gallons per day. Sewage receives both primary and secondary treatment utilizing aeration, a clarifier and drying beds. Sanitary sewer lines are 12, 10, and 8 inches in diameter.

Separate storm sewers are maintained and are 48, 36, and 24 inches in diameter.

The sewerage rate is currently 50 percent of the monthly water bill.

## AGRICULTURE - NATURAL RESOURCES - CLIMATE

### Agriculture

The approximate total land area of Nicholas County is 130,560 acres, with 83 percent of the area devoted to farming. In 1964, there were 898 farms in the county with an average size of 120 acres.

Farm income in the county is largely from the production of field crops, principally burley tobacco, supplemented substantially by cattle, hogs, and dairying. The 1964 value of sales of all farm products totaled \$4,635,185, averaging \$5,162 per farm. Crop sales totaled \$3,163,282; livestock and livestock products totaled \$1,471,903.

In 1966, agricultural production in Nicholas County included 5.2 million pounds of burley tobacco, 128,000 bushels of corn, and 8,140 tons of alfalfa hay. Livestock on farms on January 1, 1967, included 14,100 cattle and calves, 4,800 hogs and pigs, and 3,250 sheep and lambs. Milk cows on farms during 1965 averaged 2,500 head, with milk production for the year totaling 12.9 million pounds.

### Mineral Resources

The most important mineral resource of Nicholas County is limestone. Clay of possible commercial importance is also present.

Limestone is available in quantities suitable for concrete aggregate and roadway construction purposes. One quarry is currently mining from the Cynthiana formation of Ordovician Age.

### Water Resources

The largest source of surface water is from the Licking River in the northeastern portion of the county. Local municipal supply is from impoundments of small streams.

Ground water yield in some springs is more than 500 gallons per minute, and wells in the alluvial valleys of the major stream valleys will yield 50 to 225 gallons per minute for public and industrial supplies. Wells outside of these areas yield 25 gallons per minute and less.

### Forests

There are 23,800 acres of commercial forest land in Nicholas County, covering 18.2 percent of the total land area. The most abundant species are



white oaks, red oaks, hickories, ash, hard and soft maples, red cedar and black walnut.

In Kentucky, within a 50-mile radius of Carlisle, there are 1.4 million acres of commercial forest land. In 1962, 51 million board feet of timber were harvested from this area.

Organized fire protection is provided for forests in this area by the State Department of Natural Resources.

### Climate

Carlisle's year-round climate is moderate with a prevailing wind from the south. Monthly temperature ranges are: minimum 25.7°F. to 66.4°F. and maximum 41.6°F. to 86.0°F. The yearly average temperature range is from 33.7°F. to 76.2°F.

Average yearly precipitation is 43.12 inches with heaviest rainfall in January and July. Heaviest snowfall is during the months of December, January and February.

There is an average of 99 days of clear skies, 105 days are partly cloudy and 161 days are cloudy. An average of 18 days a year are foggy.

## LOCAL GOVERNMENT

### Structure

Carlisle is a fourth-class city governed by a mayor, elected for a four-year term, and six councilmen, elected for two-year terms.

Nicholas County is governed by a fiscal court composed of a county judge and five magistrates, all elected for four-year terms.

### Finance

Carlisle's general income for the year ending June 31, 1968, totaled \$62,065. Expenditures for the same period were \$57,841. At that time, bonded indebtedness of the city was \$811,000 in water and gas system expansion bonds. No new bond issues have been approved.

Nicholas County had an estimated budget of \$238,941 for 1968-69 and as of June 30, 1968, had no bonded indebtedness. Bonded indebtedness of the county school system as of June 30, 1968, was \$452,000.

### Taxes

Property taxes are the major source of income for Carlisle and Nicholas County. Property must be assessed at 100 percent of value under provision of the Kentucky Constitution. Net assessed value of property in these jurisdictions was as follows for 1968:

<u>Major Classes of Property</u>	<u>Nicholas County <sup>12/</sup></u>
Real Estate	\$31,794,473
Tangibles	3,785,944
Public Service	3,594,270
	<hr/>
Total	\$39,174,687

Property tax rates for Carlisle and Nicholas County are shown on the following page.

TABLE 8

PROPERTY TAX RATES PER \$100 OF ASSESSED VALUE FOR  
CARLISLE AND NICHOLAS COUNTY, 1968 <sup>13/</sup>

Taxing Unit	Carlisle	Nicholas County
State	\$ .015	\$ .015
County	.244	.244
School	.559	.559
City	.225	
Total	\$ 1.043	\$ .818

The City of Carlisle requires a business license with a minimum fee of \$10 per year and a maximum of \$75 per year.

As provided by state law, Carlisle may allow a five-year tax exemption from municipal taxation for new industries.

#### Planning and Zoning

Carlisle's Planning and Zoning Commission in conjunction with the Kentucky Program Development Office, Frankfort, Kentucky, proposed a Single Document Plan, Zoning Ordinance, and Subdivision Regulations in 1967.

#### Safety

Fire: The Carlisle Fire Department consists of a chief and 12 volunteers. Equipment consists of a 1967 Ford truck with a 500-gpm pumper and 500 feet of 2 1/2-inch hose, 400 feet of 1 1/2-inch hose, and a 300-gallon booster tank with 200 feet of 1 1/2-inch hose. New equipment includes ladders, a 2,500 watt generator, a 16-inch diameter smoke ejector and a 500-gpm fog-foam nozzle, and dry chemical extinguishers.

The Nicholas County Fire Department has a chief and 12 volunteers. Equipment consists of a new tank truck and a 1964 truck with a 1,000-gallon tank.

Police: The Carlisle Police Department employs a chief and two patrolmen. Motorized equipment consists of a 1968 radio-equipped patrol car.

The Nicholas County Sheriff's Office is staffed by a sheriff and a deputy sheriff using privately owned radio-equipped cars. Both are elected for four-year terms.



### Sanitation

Trash is collected weekly in both the business and residential areas by the city. The charge is \$1 per month. Garbage is collected weekly by a private contractor for \$1.50 per month for both the business and residential areas. Disposal is by sanitary land fill.

## HEALTH

### Hospitals

The Nicholas County Hospital is located in Carlisle. This modern hospital has 30 beds and 13 bassinets. Facilities include an operating room, X-ray room and a fully equipped laboratory. The staff consists of five doctors, five registered nurses and 43 full-time employees.

### Nursing Homes

The Johnson-Mathers Nursing Home and Home for the Elderly has 34 beds available for nursing care and 16 beds for personal care. There is a receiving room, two day rooms and a vocational training room. Four doctors, three registered nurses and 50 other employees comprise the staff.

### Public Health

The Nicholas County Health Department employs a sanitarian part-time, a nurse, and a clerk full-time. The department administers the following services: communicable disease control, tuberculosis control, crippled children's program, general health activities, sanitation and laboratory services, vital statistics, maternal and child health services, venereal disease control, and chronic disease control. The 1968-69 budget is \$20,977.

## OTHER LOCAL FACILITIES

### Housing

There is a limited supply of rental housing available in Carlisle. One-bedroom, unfurnished apartments rent from \$60 to \$65 per month and two-bedroom apartments range from \$75 to \$85. Two-bedroom houses rent from \$75 to \$80 per month.

There are several houses for sale in Carlisle ranging from \$10,000 to \$33,000. The majority of houses for sale were priced around \$15,000 in January 1969. Construction cost for a three-bedroom, one and one-half bath, brick or stone veneer house without basement is around \$12 per square foot.

There are two subdivisions in Carlisle. Prices of lots range from \$1,250 to \$5,000. There were approximately 200 lots available in January, 1969.

There are four real estate offices located in Carlisle.

### Communication

Telephone: South Central Bell Telephone Company has 1,592 customers in the Carlisle area. Direct distance dialing is available to Carlisle and Nicholas County residents.

Telegraph: The nearest telegraph service available is in Paris, Kentucky, 16 miles southwest.

Postal: Carlisle has a second-class post office with 18 employees. Mail is received and dispatched twice daily. Deliveries are made in the business district and residential areas once daily. There are also four rural routes. The 1968 receipts were approximately \$45,000.

Newspapers: The Carlisle Mercury, published weekly on Wednesday, has a circulation of 1,940. This paper has been cited by the Kentucky Press Association as an outstanding weekly newspaper.

Other papers are received daily from Lexington and Louisville, Kentucky, and Cincinnati, Ohio.

Radio: Radio stations in Lexington and Louisville, Kentucky, and Cincinnati, Ohio, provide excellent radio coverage.

Television: Television reception is from Lexington, Kentucky, and Cincinnati, Ohio. All major networks are represented.



## Libraries

The Nicholas County Public Library is the headquarters for the Buffalo Trace Regional Library and has 15,000 volumes and an annual circulation of 95,000. Records, pictures, and motion pictures are available. A bookmobile serves the rural areas of Nicholas and Robertson Counties. The new library building was occupied in January 1967.

## Churches

There are eight churches in Carlisle representing the following denominations: Assembly of God, Baptist, Catholic, Christian, Methodist, Pilgrim Holiness and Presbyterian.

## Financial Institutions

### Statement as of December 31, 1968

<u>Bank</u>	<u>Assets</u>	<u>Deposits</u>
Deposit Bank of Carlisle	\$4,219,137.29	\$3,584,987.85
First National Bank of Carlisle	7,032,621.24	6,528,890.34
<u>Savings &amp; Loan Association</u>	<u>Assets</u>	<u>Shared Accounts</u>
Nicholas County Building & Savings Association	\$ 153,167.85	\$ 135,665.50

## Hotels

The Flora Hotel has 26 rooms.

## Clubs and Organizations

Business and Civic: Carlisle-Nicholas County Chamber of Commerce, Rotary, Nicholas County Junior Chamber of Commerce, Nicholas County Development Association.

Fraternal: American Legion, VFW, Masons

Women's: Carlisle Younger Woman's Club, Garden Club, Eastern Star, Community Woman's Club, VFW Auxiliary, American Legion Auxiliary

Youth: Boy Scouts, Girl Scouts, 4-H Club, FFA, FHA

Other: Fish and Game Club

## Recreation

Recreational facilities include a motion picture theater, a city and county ball park, school playground and a city playground. The 150-acre Lake Carnico, located 3 miles from Carlisle, provides a camping area, camp sites, boat dock, park, restaurant, and boating and fishing facilities. The 4-H club also owns a 15-acre lake, which is used for fishing, boating, swimming and camping.

Carlisle also has Babe Ruth League and Little League baseball, football and basketball teams.

Area: Lake Herrington, 52 miles distant, provides facilities for camping, fishing, boating, and swimming. Carter Caves State Park, 81 miles distant, is known for its scenic beauty and offers facilities for swimming, fishing, boating, picnicking, cave tours and horseback riding. A lodge and motel have recently been completed. Blue Licks Battlefield State Park, 11 miles distant, provides facilities for tourist recreation, including a new swimming pool.

Racing: Four race meets a year are held in Lexington - in the spring and fall for thoroughbreds at Keeneland Race Course and two for harness horses at the Lexington "Big Red Mile" Trotting Track. Louisville offers Churchill Downs - the scene of the Kentucky Derby; Miles Park; and Louisville Downs.

College Sports: The University of Kentucky, 28 miles, and the University of Louisville, 90 miles, offer intercollegiate athletic programs in football, basketball, and baseball.

Professional Sports: Major league sports may be found in Cincinnati, 75 miles north of Carlisle, which is the home of the Cincinnati Reds baseball team, the Cincinnati Royals professional basketball organization, and the Cincinnati Bengals football team. Also, Louisville-Colonels baseball and basketball teams provide excellent entertainment.

Drama and Music: Georgetown College offers a variety of dramatic presentations each year. Eight classical and contemporary plays and musical shows are produced by the dramatic group, the Maskrafters.

Lexington now has six little theater groups producing more than 20 plays each year with local talent, and the Centennial Theater - a summer stock company which is university sponsored.

The Central Kentucky Concert and Lecture Series, Lexington, presents eight concerts and four lectures annually. The Central Kentucky Philharmonic Orchestra presents five local concerts a year and features artists of national prominence.

The Cincinnati Symphony Orchestra presents biweekly concerts throughout the fall and winter seasons. Cincinnati, too, is the home of the unique Zoo Summer Opera where professional casts, with Metropolitan artists, offer the world's great operas each summer in the Cincinnati Zoological Gardens.

Ninety miles to the west is the home of the Louisville Orchestra. The orchestra gives eight pairs of subscription concerts. The Kentucky Opera Association presents four operas with professional stars each season at the Brown Theater.

Cincinnati and Louisville offer regular road show productions of Broadway shows. Actors Theater - a Louisville repertory company - offers a well-rounded dramatic fare.

#### Recent Community Improvements

Public: New library building completed in 1966 at a cost of \$95,000 - improvements to physical facilities of school facilities - new fire equipment.

Business and Industrial: New bank - expansion of Blue Grass Knitting - 1969 remodeling of several businesses.



## HISTORY

Nicholas County was the forty-second county formed in Kentucky. Dating from 1799, it was the last county formed in the 18th century. Its territory was taken from Bourbon and Mason Counties and later, 1867, gave up some territory to form Robertson County.

The majority of the northeastern border of the county is formed by the Licking River, and the famous Blue Licks Battlefield State Park is located on an 100-acre strip of land along the river. Because of the high saline content of the water, the two springs were used by the early settlers for salt, among them Daniel Boone. The area was the site of one of the last battles of the Revolutionary War.

Carlisle history has centered around the Blue Licks and the Lexington-Maysville Turnpike, constructed in the 1820's.

Historical events of note include:

Discovery of the Blue Licks Springs by early visitors - 1773.  
Capture of Daniel Boone while making salt - 1778.  
Battle with Indians at Blue Licks - 1782.  
First settlement at Blue Licks - 1789.  
Founding of Carlisle - 1816.  
Lexington-Maysville Turnpike built, bypassing Carlisle at the town's request - 1820's.

Names worthy of remembrance:

Thomas Metcalf - tenth Governor of Kentucky, State Legislator, U. S. Congressman, and later U. S. Senator - he opposed the Irvington-Wayside road coming through Carlisle, and was a fiery orator.  
General William Thompson - surveyor, discovered one of the springs later called Upper Blue Licks Spring.  
Mayor John Finley - who with another sentry discovered the Lower Blue Licks Spring.  
James Parks - state legislator also opposed the Lexington-Maysville road going through Carlisle.

## SOURCES OF INFORMATION

- 1/ U. S. Bureau of the Census, U. S. Census of Population, Kentucky.
- 2/ Department of Sociology, University of Kentucky, Kentucky County Provisional Population Estimates, 1968, Lexington, Kentucky.
- 3/ Kentucky Department of Commerce, 1969 Kentucky Directory of Manufacturers.
- 4/ Kentucky Department of Economic Security, Division of Research and Statistics.
- 5/ Kentucky Department of Commerce, Kentucky Directory of Job Shops.
- 6/ Kentucky Department of Economic Security, Employment Service Office.
- 7/ Kentucky Department of Commerce, Kentucky's Labor Supply Estimates, 1968.
- 8/ Office of Development Service and Business Research, University of Kentucky, Lexington, Kentucky.
- 9/ Kentucky Department of Education, Kentucky School Directory, 1968-69.
- 10/ Louisville & Nashville Railroad Company, Louisville, Kentucky.
- 11/ Ecklar-Moore Express, Inc., Lexington, Kentucky.
- 12/ Office of County Tax Commissioner, 1968, Carlisle, Kentucky.
- 13/ Kentucky Department of Revenue, Kentucky Property Tax Rates, 1968.