



# POPULATION CHARACTERISTICS

## Age and Sex

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Total population	2,646	—	768,419	1,262,287
Male	1,305	49%	48%	49%
Female	1,341	51%	52%	51%

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Population under age 5	239	9%	6%	6%
Under age 3	100	4%	4%	4%
Age 3 and 4	139	5%	3%	2%
Population under age 18	628	24%	22%	22%
Age 5 to 14	342	13%	12%	13%
Age 15 to 17	47	2%	4%	4%
Population age 18 to 64	1,904	72%	62%	62%
Population age 65 and over	114	4%	16%	16%

## Race, Ethnicity, and Nativity

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
White, non-Hispanic/Latino	886	33%	67%	75%
Black, non-Hispanic/Latino	1,690	64%	22%	15%
Asian, non-Hispanic/Latino	8	0%	3%	2%
Hispanic/Latino, of any race	0	0%	6%	5%
Multiple races, non-Hispanic/Latino	62	2%	3%	3%
Other, non-Hispanic/Latino	0	0%	1%	0%
Foreign born	165	6%	8%	6%

## Veteran Status

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Civilian population 18 years and over	2,018	—	597,788	978,060
Veterans	62	3%	7%	8%

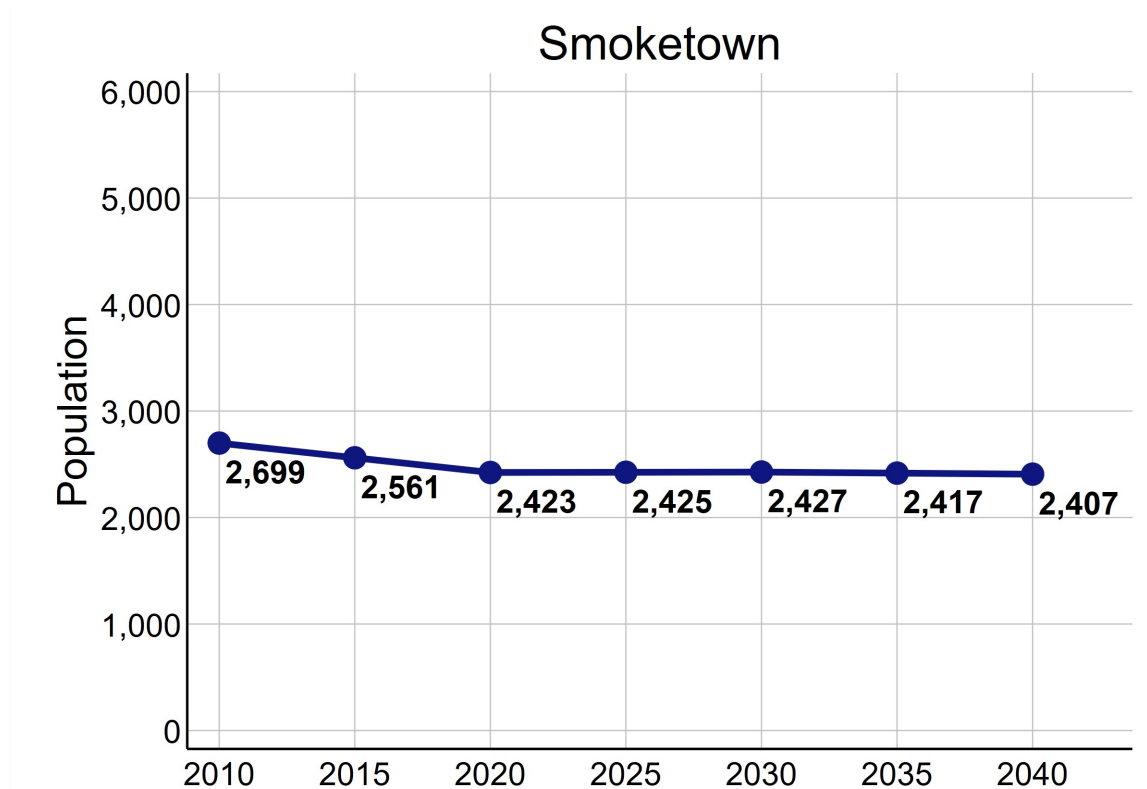
Data Source: U.S. Census Bureau, 2016-2020 American Community Survey. Note: Percentages may not sum to 100 due to rounding.  
MSA=Metropolitan Statistical Area

# POPULATION CHARACTERISTICS

## Households and Families

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Total households	948	—	316,411	497,106
Married couple family households	147	16%	40%	46%
w/related children	35	4%	16%	18%
Male householder family households	86	9%	5%	5%
w/related children	78	8%	3%	3%
Female householder family households	280	30%	14%	13%
w/related children	172	18%	9%	8%
Non-family households	435	46%	41%	37%
Single person households	274	29%	34%	31%
Population in group quarters	231	9%	2%	2%

## Population Projections



Data Source: U.S. Census Bureau, 2016-2020 American Community Survey. STATS Indiana, Kentucky State Data Center 2022 Population Projections. Note: Percentages may not sum to 100 due to rounding.

# ECONOMIC CHARACTERISTICS

## Income

	Smoketown	County	MSA
Median household income (in 2020 dollars)	\$40,268	\$58,196	\$60,891
Median earnings for full-time male workers	\$37,882	\$52,019	\$52,300
Median earnings for full-time female workers	\$22,477	\$31,143	\$31,196
Gini coefficient	0.44	0.47	0.46

## SNAP Benefits

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Households receiving SNAP Benefits	298	31%	10%	9%
Households with public assistance (PA) income	42	4%	2%	2%
Households receiving either SNAP or PA	330	35%	11%	10%

## Vehicles Available

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Households with no vehicle	218	23%	9%	7%

Data Source: U.S. Census Bureau, 2016-2020 American Community Survey.



# ECONOMIC CHARACTERISTICS

## Poverty Status of Individuals

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Total population below federal poverty line (FPL)	740	28%	14%	12%
Population under 18 years below FPL	237	40%	21%	17%
Population under 6 years below FPL	119	53%	22%	19%
Population age 6 to 11 below FPL	99	45%	21%	18%
Population age 12 to 17 below FPL	19	12%	18%	16%
Population age 18 to 64 below FPL	448	24%	13%	11%
Population age 65 and over below FPL	55	48%	9%	8%
Total population below 150% of the FPL	1,129	43%	22%	20%
Population under 18 years below 150% of the FPL	388	65%	32%	29%
Population under 6 years below 150% of the FPL	156	69%	35%	32%
Population age 6 to 11 below 150% of the FPL	168	77%	34%	30%
Population age 12 to 17 below 150% of the FPL	64	41%	28%	24%
Population age 18 to 64 below 150% of the FPL	673	35%	20%	18%
Population age 65 and over below 150% of the FPL	68	60%	17%	16%
Total population below 185% of the FPL	1,435	55%	28%	26%
Population under 18 years below 185% of the FPL	470	78%	39%	35%
Population under 6 years below 185% of the FPL	168	74%	43%	40%
Population age 6 to 11 below 185% of the FPL	192	88%	40%	37%
Population age 12 to 17 below 185% of the FPL	110	71%	34%	30%
Population age 18 to 64 below 185% of the FPL	897	47%	25%	23%
Population age 65 and over below 185% of the FPL	68	60%	23%	22%
Total population below 200% of the FPL	1,655	63%	30%	28%
Population under 18 years below 200% of the FPL	555	93%	42%	38%
Population under 6 years below 200% of the FPL	226	100%	46%	42%
Population age 6 to 11 below 200% of the FPL	201	92%	44%	39%
Population age 12 to 17 below 200% of the FPL	128	83%	36%	33%
Population age 18 to 64 below 200% of the FPL	1,009	53%	27%	25%
Population age 65 and over below 200% of the FPL	91	80%	25%	25%

Data Source: U.S. Census Bureau, 2016-2020 American Community Survey.

# ECONOMIC CHARACTERISTICS

## Poverty Status

Poverty status is determined by comparing a family's income to defined income thresholds that vary by family size and composition. If a family's total income is less than the established threshold for a family of that size, then that family and every individual in it is considered in poverty. The official poverty thresholds do not vary geographically, but they are updated for inflation annually. The official poverty definition uses money income before taxes and does not include capital gains or non-cash benefits (such as public housing, Medicaid, and food stamps).

The 2022 Poverty Guidelines as established by the U.S. Department of Health and Human Services:

Number of persons in household	Poverty guideline
1	\$13,590
2	\$18,310
3	\$23,030
4	\$27,750
5	\$32,470
6	\$37,190
7	\$41,910
8	\$46,630

## Poverty Status of Families

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Families	513	—	186,716	314,935
Families below federal poverty line (FPL)	154	30%	10%	8%
Families below 150% of the FPL	225	44%	16%	15%
Families below 185% of the FPL	263	51%	21%	20%
Families below 200% of the FPL	294	57%	24%	22%
Families with related children	285	56%	46%	46%
Families with related children below FPL	145	28%	7%	6%

Data Source: U.S. Census Bureau, 2016-2020 American Community Survey.

# ECONOMIC CHARACTERISTICS

An **unemployed** person is someone who does not have a job, but is actively looking for a job and is available for work. The unemployment rate is calculated as the number of unemployed persons in an age group divided by the sum of the number of employed and unemployed persons in that age group.

A person who is **not in the labor force** is someone who does not have a job, and is not looking for one. This includes students, retirees, those taking care of children or other family members, and others who are neither working nor seeking work. The rate of labor force participation is calculated as the number of persons not in the labor force in an age group divided by the population in that age group.

## Labor Force Status

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Age 16-19—Unemployed	0	0%	13%	13%
Age 20-21—Unemployed	0	0%	8%	9%
Age 22-24—Unemployed	0	0%	9%	9%
Age 25-64—Unemployed	90	7%	5%	4%
Age 65 and over—Unemployed	0	0%	4%	3%
Total unemployed, age 16 and over	90	6%	5%	5%

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Age 16-19—Not in the labor force	38	29%	53%	53%
Age 20-21—Not in the labor force	18	16%	24%	23%
Age 22-24—Not in the labor force	0	0%	16%	17%
Age 25-64—Not in the labor force	288	17%	20%	21%
Age 65 and over—Not in the labor force	91	80%	80%	80%
Total not in the labor force, age 16 and over	435	21%	34%	35%

Data Source: U.S. Census Bureau, 2016-2020 American Community Survey.

# ECONOMIC CHARACTERISTICS

## Class of Worker

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Private company/organization	1,339	88%	73%	74%
Nonprofit company/organization	69	5%	8%	8%
Local government	25	2%	5%	5%
State government	89	6%	4%	4%
Federal government	0	0%	2%	2%
Self-employed or unpaid family worker	3	0%	8%	8%

## Weeks and Hours Usually Worked

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Works 48-52 weeks/year, 35 or more hours/week	884	55%	68%	69%
Works 48-52 weeks/year, less than 35 hours/week	293	18%	11%	11%
Works 0-47 weeks/year, 35 or more hours/week	305	19%	11%	10%
Works 0-47 weeks/year, less than 35 hours/week	131	8%	11%	11%

Data Source: U.S. Census Bureau, 2016-2020 American Community Survey. Note: Percentages may not sum to 100 due to rounding.

# ECONOMIC CHARACTERISTICS

## Journey to Work

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Drives alone in car	876	72%	84%	86%
Bus	163	13%	3%	2%
Bike	10	1%	0%	0%
Walk	54	4%	2%	2%
All other modes	115	9%	11%	10%

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Commutes less than 10 minutes	192	16%	10%	10%
Commutes 10-19 minutes	412	34%	33%	30%
Commutes 20-29 minutes	377	31%	31%	28%
Commutes 30-44 minutes	140	11%	19%	23%
Commutes 45-59 minutes	11	1%	4%	6%
Commutes 60 or more minutes	86	7%	3%	4%

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Works at home	288	19%	7%	7%

Data Source: U.S. Census Bureau, 2016-2020 American Community Survey. Note: Except for "Works at Home", estimates limited to population who commute. Percentages may not sum to 100 due to rounding.

# ECONOMIC CHARACTERISTICS

“Place of Work” identifies jobs located within the neighborhood and held by workers from **inside or outside** of the neighborhood. “Home Neighborhood of Worker” identifies jobs held by neighborhood residents, which may be located **inside or outside** of the neighborhood. The workplace is based on the administrative address, and may or may not be the location that a worker reports to most often.

## Jobs by Place of Work (2019)

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Total full and part-time jobs	2,050	—	487,522	653,432
Agriculture and mining	0	0%	0%	0%
Construction	171	8%	4%	4%
Manufacturing	22	1%	11%	13%
Trade	345	17%	15%	15%
Transportation, warehousing, and utilities	76	4%	9%	9%
Finance, insurance, information, and real estate	167	8%	10%	9%
Professional services	56	3%	6%	5%
Management and administration	301	15%	9%	8%
Education	311	15%	7%	7%
Health care	441	22%	13%	13%
Entertainment, arts, and recreation	7	0%	2%	2%
Accommodations and food service	18	1%	9%	9%
Other services	135	7%	3%	3%
Public administration	0	0%	2%	3%

## Jobs by Home Neighborhood of Worker (2019)

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Total full and part-time jobs	968	—	367,691	613,518
Agriculture and mining	0	0%	0%	0%
Construction	17	2%	4%	4%
Manufacturing	75	8%	11%	13%
Trade	119	12%	15%	15%
Transportation, warehousing, and utilities	84	9%	9%	8%
Finance, insurance, information, and real estate	79	8%	9%	8%
Professional services	35	4%	6%	5%
Management and administration	137	14%	9%	8%
Education	48	5%	8%	8%
Health care	177	18%	13%	13%
Entertainment, arts, and recreation	18	2%	2%	2%
Accommodations and food service	125	13%	10%	9%
Other services	34	4%	3%	3%
Public administration	20	2%	3%	3%

Data Source: U.S. Census Bureau, Longitudinal Employer-Household Dynamics Origin-Destination Employment Statistics (LODES). Note: Percentages may not sum to 100 due to rounding.

# EDUCATION CHARACTERISTICS

## School Enrollment

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Population age 3 and 4	139	—	19,694	31,544
Population age 3 and 4, enrolled in school	36	26%	42%	42%
Enrolled in Public school	36	26%	19%	20%
Population age 5 to 14	342	—	93,803	158,051
Population age 5 to 14, enrolled in school	342	100%	95%	96%
Enrolled in Public school	342	100%	75%	79%
Population age 15 to 17	47	—	28,153	48,770
Population age 15 to 17, enrolled in school	47	100%	96%	97%
Enrolled in Public school	47	100%	74%	79%
Population age 18 to 24	245	—	65,804	105,506
Population age 18 to 24, enrolled in school	86	35%	45%	43%

## English Proficiency

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Population age 3+ speaking Spanish	0	0%	4%	4%
w/limited English proficiency	0	0%	2%	2%
Population age 3+ speaking Asian/PI language	0	0%	2%	1%
w/limited English proficiency	0	0%	1%	1%
Population age 3+ speaking Arabic	0	0%	0%	0%
w/limited English proficiency	0	0%	0%	0%
Population age 3+ speaking other language	156	6%	3%	2%
w/limited English proficiency	29	1%	1%	1%

Data Source: U.S. Census Bureau, 2016-2020 American Community Survey.



# EDUCATION CHARACTERISTICS

## Educational Attainment

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Population age <b>18 to 24</b>	245	—	65,804	105,506
Less than 9th grade education	0	0%	1%	1%
9th thru 12th grade education	26	11%	10%	11%
High school graduate/GED	51	21%	34%	36%
Some college, no degree	156	64%	37%	36%
Associate degree	0	0%	4%	4%
Bachelor's degree	12	5%	13%	11%
Graduate or professional degree	0	0%	1%	1%

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Population age <b>25 and over</b>	1,773	—	532,550	873,573
Less than 9th grade education	89	5%	3%	3%
9th thru 12th grade education	104	6%	6%	7%
High school graduate/GED	380	21%	26%	29%
Some college, no degree	661	37%	23%	22%
Associate degree	108	6%	8%	9%
Bachelor's degree	397	22%	20%	18%
Graduate or professional degree	34	2%	14%	12%

Data Source: U.S. Census Bureau, 2016-2020 American Community Survey, Note: Percentages may not sum to 100 due to rounding.

# EDUCATION CHARACTERISTICS

## Field of Degree of Bachelor's Degree Holders

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Total degrees	562	—	195,331	282,998
Science and engineering				
Computers, mathematics, and statistics	131	23%	4%	4%
Biological, agricultural, environmental sciences	19	3%	5%	5%
Physical and related sciences	0	0%	3%	3%
Psychology	10	2%	5%	5%
Social sciences	23	4%	7%	7%
Engineering	121	22%	6%	6%
Multidisciplinary studies	0	0%	1%	1%
Science and engineering related fields	62	11%	11%	11%
Business	47	8%	20%	21%
Education	21	4%	10%	12%
Arts, humanities, and other				
Literature and languages	0	0%	5%	4%
Liberal arts and history	0	0%	6%	6%
Visual and performing arts	0	0%	4%	4%
Communications	128	23%	6%	5%
Other	0	0%	6%	6%

Data Source: U.S. Census Bureau, 2016-2020 American Community Survey. Note: Percentages may not sum to 100 due to rounding.

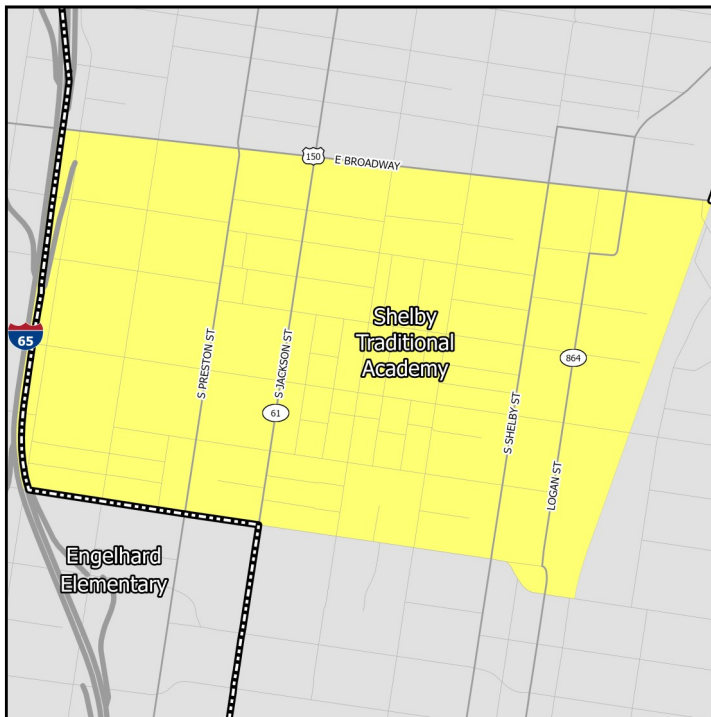
# EDUCATION CHARACTERISTICS

## Jefferson County Public Schools

Smoketown neighborhood is highlighted in yellow. Thick dashed lines represent school catchment area boundaries.

### Nearby Neighborhoods in Jefferson County

Jefferson County Public Schools students are assigned to a “resides” (home) school, and for elementary students a cluster, based on their home address. Students may attend their resides school, other schools within the cluster, or apply for traditional and magnet schools within the district. There are also alternative schools serving particular segments of the population. The maps on this page

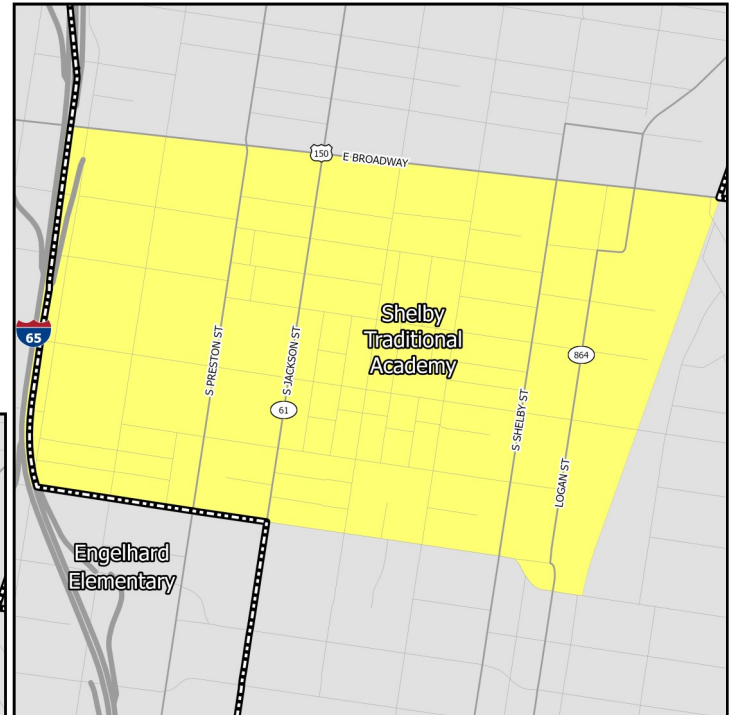


### Middle Schools

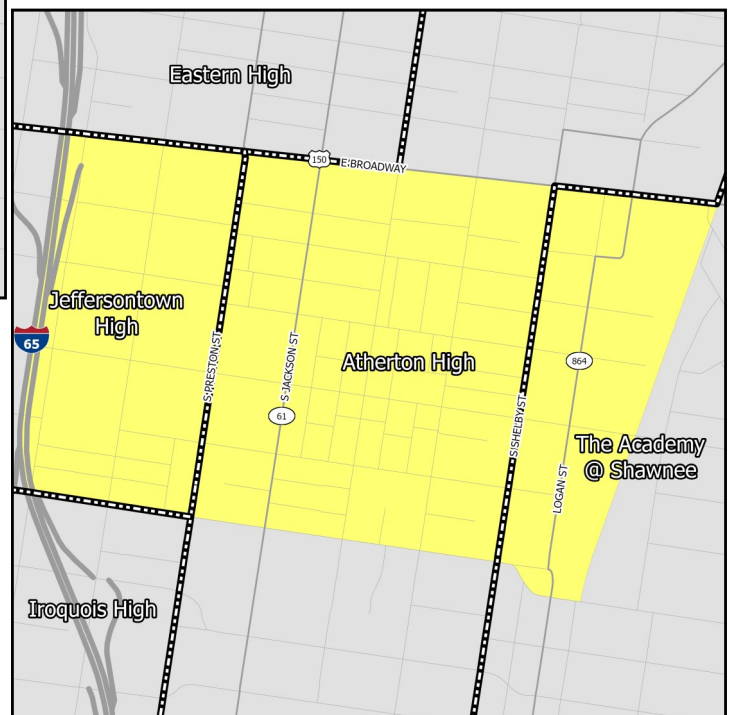
show only the “resides” schools for students within a particular neighborhood. Additional information on JCPSS student assignment – which has recently been revised – can be found on their website.

### Nearby Neighborhoods in Indiana

Indiana schools have open enrollment policies that allow for intra-district and inter-district transfers. The maps on this page show only the schools assigned to a student within a particular neighborhood based on their home address. Additional information on open enrollment policies can be obtained from individual district offices.



### Elementary Schools



### High Schools

# EDUCATION CHARACTERISTICS

## Jefferson County Public Schools

Schools Serving Neighborhood	Level	Cluster	Enrollment	Non-White	Free Lunch Eligible	Student/Teacher	KDE/IDOE Grade
Shelby	Elementary	12	661	82.3%	87.0%	15.2	1
Highland	Middle	—	915	52.9%	67.4%	17.8	2
Meyzeek	Middle	—	1,106	63.9%	47.8%	20.6	3
Atherton	High	—	1,521	34.4%	42.0%	19.3	3
Jeffersontown	High	—	1,040	59.2%	66.0%	15.9	2
Shawnee	High	—	572	67.0%	85.1%	12.4	1

Data Source: National Center for Education Statistics, Kentucky Department of Education (KDE), Indiana Department of Education (IDOE), Jefferson County Public Schools, 2020-2021 Academic Year. Note: KDE grade is the number of stars — out of 5 — that the Kentucky school or district received on the most recent (2018-2019) school accountability report. IDOE grade is the A-F grade that the Indiana school or district received on the most recent (2018-2019) school accountability report.

# EDUCATION CHARACTERISTICS

## Jefferson County Public Schools

Schools Serving Neighborhood	Level	Reading Proficiency	Math Proficiency	KG Ready	Graduation Rate	College Transition
Shelby	Elementary	23.5%	20.4%	37.5%	—	—
Highland	Middle	56.3%	25.7%	—	—	—
Meyzeek	Middle	66.6%	59.2%	—	—	—
Atherton	High	70.9%	57.8%	—	96.6%	70.9%
Jeffersontown	High	28.8%	20.0%	—	83.0%	63.6%
Shawnee	High	24.7%	14.0%	—	74.4%	24.7%

Data Source: Kentucky Department of Education, Indiana Department of Education, 2018-2019 Academic Year. Note: KG=Kindergarten.

# HOUSING CHARACTERISTICS

## Housing Units

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Total housing units	1,097	—	347,172	547,307
Occupied housing units	948	86%	91%	91%
Owner occupied	289	30%	62%	67%
Renter occupied	659	70%	38%	33%
Vacant housing units	149	14%	9%	9%

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Single-family housing units	605	55%	68%	73%
Multi-family housing units	492	45%	30%	23%
2-4 unit structures	144	13%	10%	8%
5-9 unit structures	112	10%	7%	6%
10+ unit structures	236	22%	13%	10%
Other housing units	0	0%	1%	3%

## Home Value/Rent

	Smoketown	County	MSA
Median reported value of owner occupied housing units	\$168,500	\$178,100	\$177,400
Median gross rent of renter occupied housing units	\$818	\$901	\$882
Median contract rent of renter occupied housing units	\$606	\$741	\$719

## Internet Access

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Households w/internet access of any type	844	89%	89%	87%
Households w/any broadband internet access	829	87%	87%	85%
Households w/cell phone internet access only	316	33%	13%	12%
Households w/no internet access	104	11%	11%	13%

Data Source: U.S. Census Bureau, 2016-2020 American Community Survey. Note: Percentages may not sum to 100 due to rounding. **Contract rent** is the amount indicated on the lease. **Gross rent** includes the estimated monthly cost of utilities that are paid by the tenant.

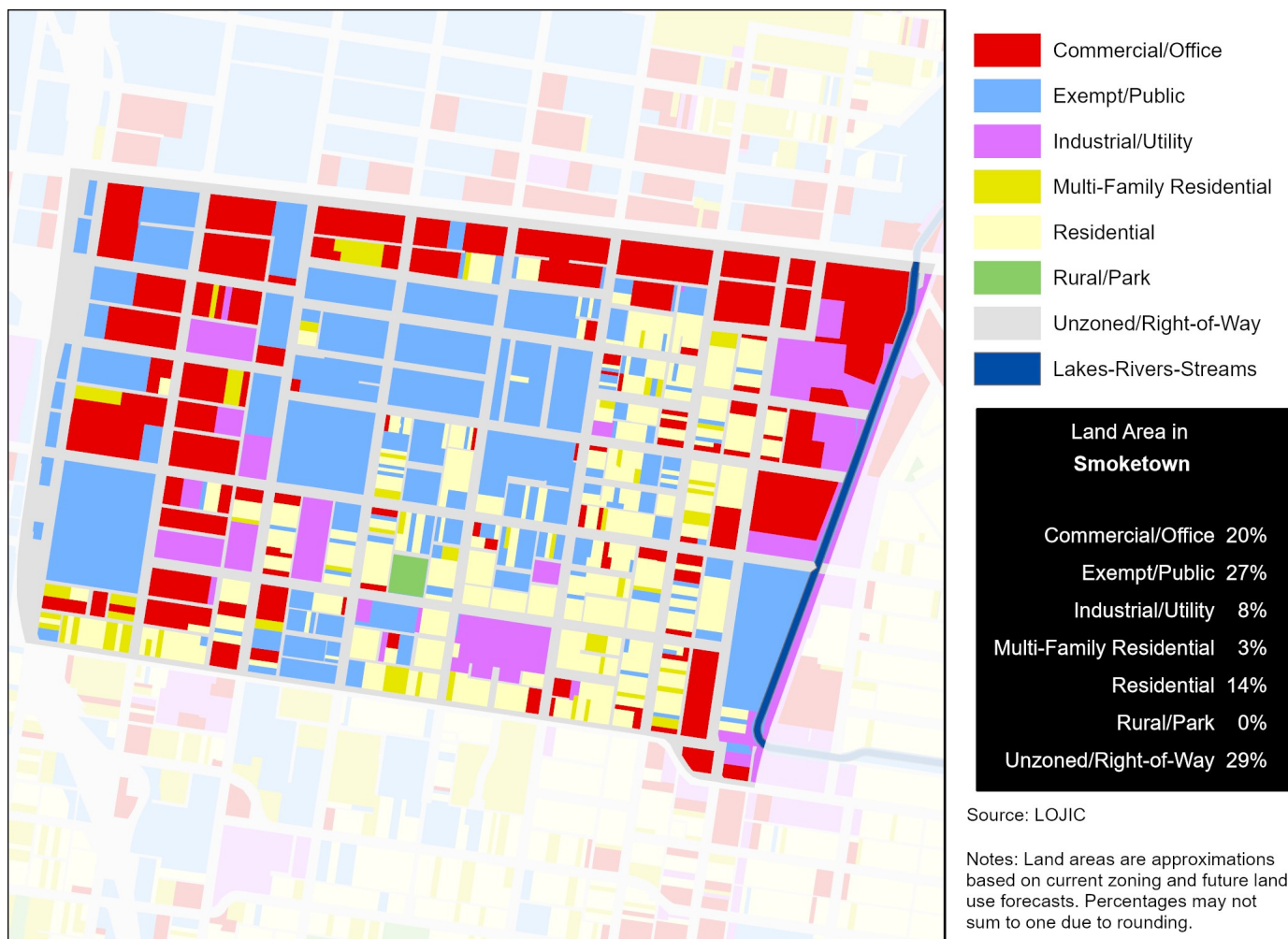
# HOUSING CHARACTERISTICS

## Housing Cost Burden

According to the U.S. Department of Housing and Urban Development, households that spend more than 30% of their income on housing are considered cost burdened and may have difficulty affording necessities such as food, transportation, and medical care.

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Renters paying 30%+ income on housing	327	50%	43%	43%
Owners paying 30%+ income on housing (mortgage)	24	11%	21%	20%
Owners paying 30%+ income on housing (no mortgage)	27	34%	11%	10%

## Land Use



Data Source (Housing Cost): U.S. Census Bureau, 2016-2020 American Community Survey.



# HEALTH CHARACTERISTICS

## Health Insurance Coverage

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Population under 6 years without health insurance	0	0%	3%	3%
Population under 18 years without health insurance	23	3%	3%	3%
Total population without health insurance	223	8%	5%	5%

## Disability Status

	Smoketown		County	MSA
	Estimate	Percent	Percent	Percent
Population with a disability	611	23%	14%	14%

## Food Access

	Smoketown	Jefferson County
Population who are low income and do not live close to a grocery store	3	92,837
Census tracts designated a food desert	0	36

## Crime (2019)

	Smoketown	County	MSA
Violent crimes	121	13,314	16,031
Violent crimes per 100,000 population	4,994	1,728	1,262
Property crimes	214	29,085	34,867
Property crimes per 100,000 population	8,832	3,775	2,744

Neighborhood crime includes only incidents reported to Louisville Metro Police Department — it does not include incidents reported to other local agencies. County and MSA crime includes incidents reported to all agencies.

Data Source: U.S. Census Bureau, 2016-2020 American Community Survey. ESRI Business Analyst. FBI, Uniform Crime Reports. Louisville Metro Police Department. Note: Population who are low income is defined as living at or below 200 percent of the federal poverty line. Within an urban area, not living close to a grocery store is defined as living further than one mile from a full service grocery store. Food deserts are defined at the census tract level, when the tract is considered low income and low access. A tract is considered low income if the tract's poverty rate is 20% or greater, or if the tract has a median family income less than or equal to 80% of the metropolitan area's median family income. A census tract is considered to have low access if a significant number (at least 500 people) and share (at least 33%) of individuals in the tract are greater than one mile from the nearest grocery store.

# HEALTH CHARACTERISTICS

## Fertility Measures

	Smoketown	County	MSA
Births to mothers who smoked during pregnancy	9%	10%	10%
Births to mothers without a high school degree	21%	13%	—
Births to unmarried mothers	87%	46%	47%
Low birthweight births (<2,500 grams)	12%	9%	9%
Teen birth rate per 1,000 women age 15-19	53	22.0	22.6

## Mortality Measures

	Smoketown	County	MSA
Years of potential life lost (age 75) per 100,000	17,157	8,318	8,186

## Health Behaviors

	Smoketown	County	MSA
Population 18+ currently smokes	31%	22%	17%
Population 18+ obese	44%	34%	34%
Population 18+ binge drinking	17%	18%	16%
Population 18+ reporting 'fair' or 'poor' health	17%	14%	17%

## Health Outcomes

	Smoketown	County	MSA
Population 18+ reports having/had asthma	13%	10%	15%
Population 18+ reports having/had cancer	5%	8%	10%
Population 18+ reports having/had CHD	7%	7%	8%
Population 18+ reports having/had COPD	9%	9%	10%
Population 18+ reports having/had depression	23%	23%	23%
Population 18+ reports having/had diabetes	15%	12%	11%
Population 18+ reports having/had stroke	5%	4%	5%

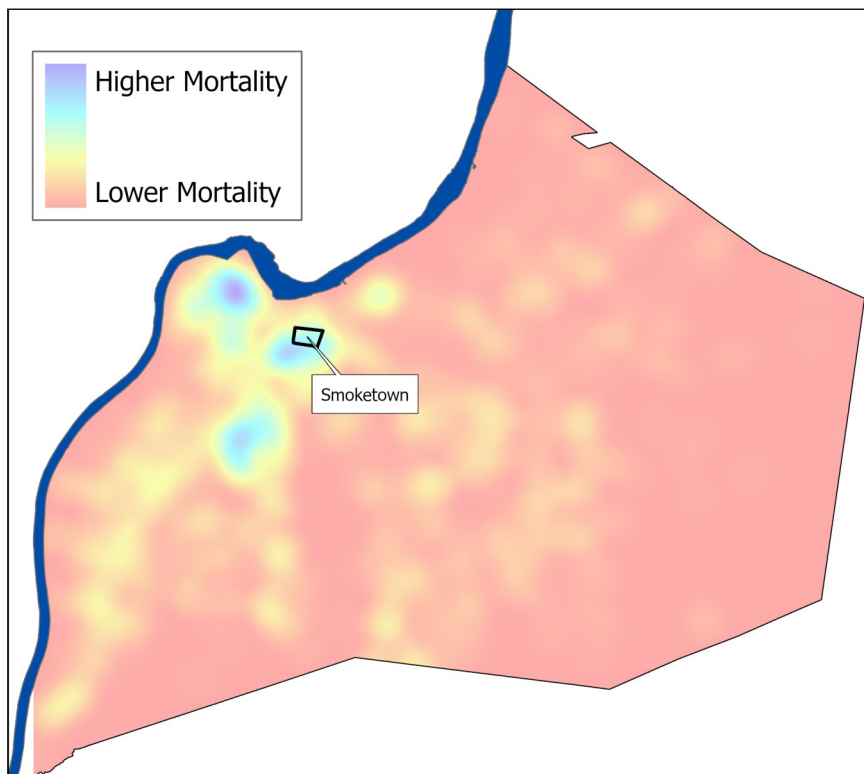
Data Source: Vital Stats: Kentucky Cabinet for Health and Family Services Department of Public Health, Indiana Department of Health, 2015-2019. Health Behaviors and Health Outcomes: Centers for Disease Control, Behavioral Risk Factor Surveillance System, 2019. Note: CHD=coronary heart disease, COPD=chronic obstructive pulmonary disease.

# HEALTH CHARACTERISTICS

## Drug Overdose Mortality

The age-adjusted rate of drug overdose deaths in Jefferson County was 37 deaths per 100,000 standard population.

Due to the small number of observations, a drug overdose mortality rate was not calculated for individual neighborhoods.



## Infant Mortality

For every 1,000 live births in Jefferson County there were 6.2 infant deaths.

Due to the small number of observations, an infant mortality rate was not calculated for individual neighborhoods.



Data Source: Kentucky Cabinet for Health and Family Services. Note: Mortality data covers the period 2015-2019.