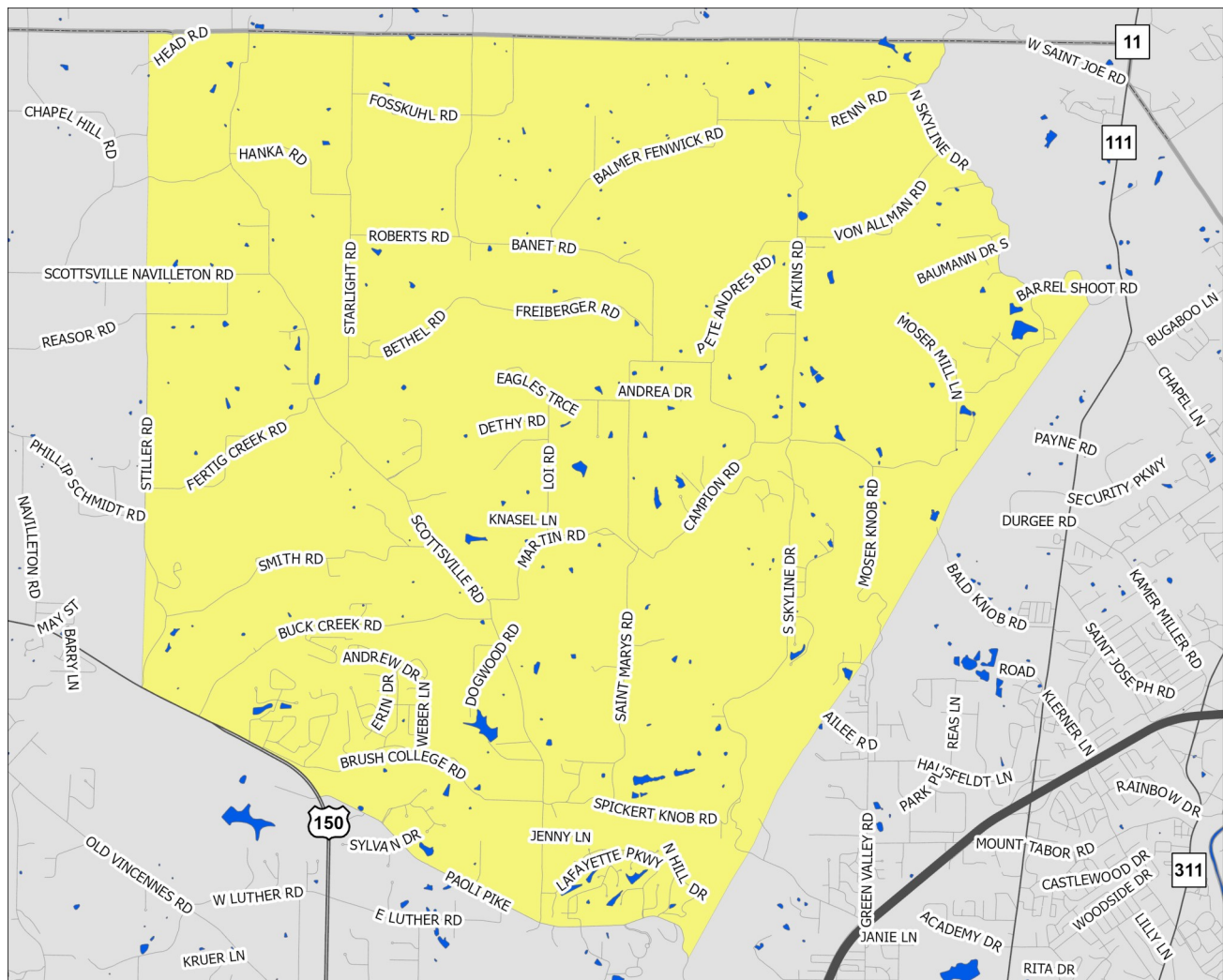


Floyds Knobs North NEIGHBORHOOD PROFILE

June 2022



A Partnership Between Metro
United Way and the Kentucky
State Data Center at the
University of Louisville



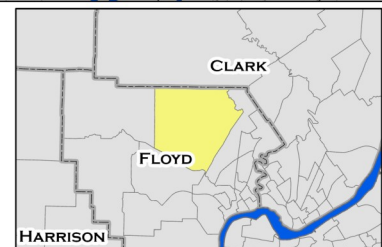
Scale = 1:43,540

Census Tract: 710.03

Floyd County, Indiana

Floyds Knobs North

- Interstate Highways
- US/State Highways
- Local Streets
- Rivers-Lakes-Streams



This profile uses census tracts to approximate neighborhoods. Census tracts are statistical units used by the Census Bureau to enumerate data within small areas, and typically align well (but not perfectly) with traditional neighborhoods.

POPULATION CHARACTERISTICS

Age and Sex

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Total population	7,139	—	77,879	1,262,287
Male	3,367	47%	48%	49%
Female	3,772	53%	52%	51%

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Population under age 5	405	6%	6%	6%
Under age 3	225	3%	3%	4%
Age 3 and 4	180	3%	3%	2%
Population under age 18	1,626	23%	23%	22%
Age 5 to 14	822	12%	13%	13%
Age 15 to 17	399	6%	4%	4%
Population age 18 to 64	4,310	60%	61%	62%
Population age 65 and over	1,203	17%	16%	16%

Race, Ethnicity, and Nativity

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
White, non-Hispanic/Latino	6,907	97%	88%	75%
Black, non-Hispanic/Latino	20	0%	5%	15%
Asian, non-Hispanic/Latino	34	0%	1%	2%
Hispanic/Latino, of any race	77	1%	3%	5%
Multiple races, non-Hispanic/Latino	101	1%	3%	3%
Other, non-Hispanic/Latino	0	0%	0%	0%
Foreign born	218	3%	2%	6%

Veteran Status

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Civilian population 18 years and over	5,513	—	60,236	978,060
Veterans	393	7%	7%	8%

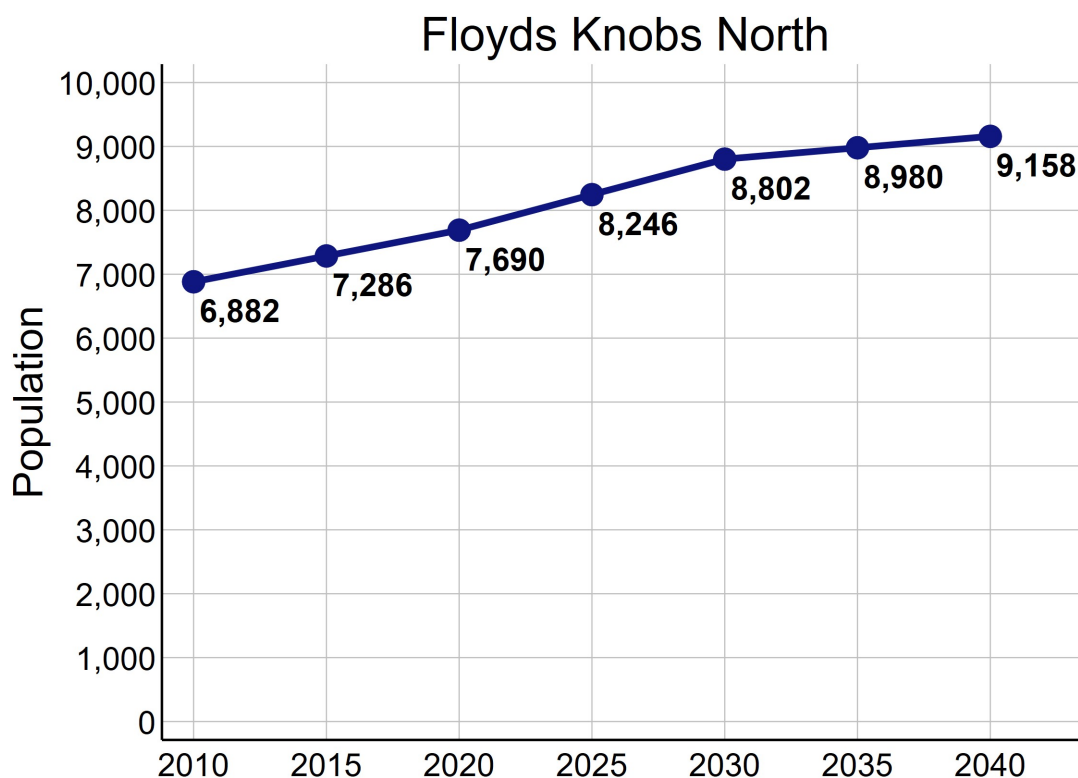
Data Source: U.S. Census Bureau, 2016-2020 American Community Survey. Note: Percentages may not sum to 100 due to rounding.
MSA=Metropolitan Statistical Area

POPULATION CHARACTERISTICS

Households and Families

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Total households	2,632	—	29,264	497,106
Married couple family households	1,914	73%	50%	46%
w/related children	738	28%	19%	18%
Male householder family households	61	2%	5%	5%
w/related children	44	2%	3%	3%
Female householder family households	141	5%	12%	13%
w/related children	87	3%	8%	8%
Non-family households	516	20%	34%	37%
Single person households	425	16%	28%	31%
Population in group quarters	0	0%	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

	FKN	County	MSA
Median household income (in 2020 dollars)	\$99,786	\$67,603	\$60,891
Median earnings for full-time male workers	\$81,983	\$56,098	\$52,300
Median earnings for full-time female workers	\$32,162	\$32,464	\$31,196
Gini coefficient	0.44	0.44	0.46

SNAP Benefits

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Households receiving SNAP Benefits	74	3%	7%	9%
Households with public assistance (PA) income	0	0%	1%	2%
Households receiving either SNAP or PA	74	3%	7%	10%

Vehicles Available

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Households with no vehicle	96	4%	6%	7%

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

ECONOMIC CHARACTERISTICS

Poverty Status of Individuals

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Total population below federal poverty line (FPL)	98	1%	9%	12%
Population under 18 years below FPL	0	0%	14%	17%
Population under 6 years below FPL	0	0%	18%	19%
Population age 6 to 11 below FPL	0	0%	10%	18%
Population age 12 to 17 below FPL	0	0%	15%	16%
Population age 18 to 64 below FPL	86	2%	9%	11%
Population age 65 and over below FPL	12	1%	5%	8%
Total population below 150% of the FPL	377	5%	16%	20%
Population under 18 years below 150% of the FPL	122	8%	22%	29%
Population under 6 years below 150% of the FPL	0	0%	26%	32%
Population age 6 to 11 below 150% of the FPL	0	0%	18%	30%
Population age 12 to 17 below 150% of the FPL	122	20%	22%	24%
Population age 18 to 64 below 150% of the FPL	206	5%	15%	18%
Population age 65 and over below 150% of the FPL	49	4%	12%	16%
Total population below 185% of the FPL	469	7%	21%	26%
Population under 18 years below 185% of the FPL	122	8%	27%	35%
Population under 6 years below 185% of the FPL	0	0%	32%	40%
Population age 6 to 11 below 185% of the FPL	0	0%	23%	37%
Population age 12 to 17 below 185% of the FPL	122	20%	26%	30%
Population age 18 to 64 below 185% of the FPL	272	6%	19%	23%
Population age 65 and over below 185% of the FPL	75	6%	19%	22%
Total population below 200% of the FPL	486	7%	22%	28%
Population under 18 years below 200% of the FPL	122	8%	29%	38%
Population under 6 years below 200% of the FPL	0	0%	34%	42%
Population age 6 to 11 below 200% of the FPL	0	0%	25%	39%
Population age 12 to 17 below 200% of the FPL	122	20%	27%	33%
Population age 18 to 64 below 200% of the FPL	280	6%	21%	25%
Population age 65 and over below 200% of the FPL	84	7%	21%	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

	FKN	County		MSA
	Estimate	Percent	Percent	Percent
Families	2,116	—	19,447	314,935
Families below federal poverty line (FPL)	20	1%	7%	8%
Families below 150% of the FPL	62	3%	11%	15%
Families below 185% of the FPL	95	4%	15%	20%
Families below 200% of the FPL	95	4%	16%	22%
Families with related children	869	41%	44%	44%
Families with related children below FPL	0	0%	5%	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

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Age 16-19—Unemployed	21	10%	11%	13%
Age 20-21—Unemployed	27	22%	10%	9%
Age 22-24—Unemployed	0	0%	7%	9%
Age 25-64—Unemployed	124	4%	4%	4%
Age 65 and over—Unemployed	12	5%	1%	3%
Total unemployed, age 16 and over	184	5%	4%	5%

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Age 16-19—Not in the labor force	275	57%	53%	53%
Age 20-21—Not in the labor force	13	9%	26%	23%
Age 22-24—Not in the labor force	17	13%	19%	17%
Age 25-64—Not in the labor force	719	19%	21%	21%
Age 65 and over—Not in the labor force	941	78%	80%	80%
Total not in the labor force, age 16 and over	1,965	34%	35%	35%

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

ECONOMIC CHARACTERISTICS

Class of Worker

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Private company/organization	2,432	67%	73%	74%
Nonprofit company/organization	377	10%	8%	8%
Local government	209	6%	5%	5%
State government	55	2%	3%	4%
Federal government	71	2%	2%	2%
Self-employed or unpaid family worker	502	14%	9%	8%

Weeks and Hours Usually Worked

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Works 48-52 weeks/year, 35 or more hours/week	2,596	66%	70%	69%
Works 48-52 weeks/year, less than 35 hours/week	327	8%	11%	11%
Works 0-47 weeks/year, 35 or more hours/week	384	10%	8%	10%
Works 0-47 weeks/year, less than 35 hours/week	603	15%	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

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Drives alone in car	2,864	92%	91%	86%
Bus	0	0%	1%	2%
Bike	0	0%	0%	0%
Walk	15	0%	1%	2%
All other modes	239	8%	7%	10%

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Commutes less than 10 minutes	269	9%	11%	10%
Commutes 10-19 minutes	740	24%	30%	30%
Commutes 20-29 minutes	825	26%	28%	28%
Commutes 30-44 minutes	971	31%	23%	23%
Commutes 45-59 minutes	243	8%	6%	6%
Commutes 60 or more minutes	70	2%	3%	4%

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Works at home	442	12%	6%	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)

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Total full and part-time jobs	990	—	30,989	653,432
Agriculture and mining	5	1%	0%	0%
Construction	353	36%	6%	4%
Manufacturing	20	2%	19%	13%
Trade	22	2%	12%	15%
Transportation, warehousing, and utilities	30	3%	2%	9%
Finance, insurance, information, and real estate	24	2%	4%	9%
Professional services	38	4%	5%	5%
Management and administration	184	19%	6%	8%
Education	98	10%	8%	7%
Health care	65	7%	23%	13%
Entertainment, arts, and recreation	2	0%	0%	2%
Accommodations and food service	113	11%	10%	9%
Other services	35	4%	3%	3%
Public administration	1	0%	3%	3%

Jobs by Home Neighborhood of Worker (2019)

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Total full and part-time jobs	3,896	—	42,385	613,518
Agriculture and mining	4	0%	0%	0%
Construction	276	7%	6%	4%
Manufacturing	567	15%	15%	13%
Trade	469	12%	16%	15%
Transportation, warehousing, and utilities	290	7%	12%	8%
Finance, insurance, information, and real estate	308	8%	6%	8%
Professional services	199	5%	4%	5%
Management and administration	222	6%	6%	8%
Education	294	8%	8%	8%
Health care	649	17%	11%	13%
Entertainment, arts, and recreation	48	1%	1%	2%
Accommodations and food service	331	9%	8%	9%
Other services	112	3%	3%	3%
Public administration	127	3%	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

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Population age 3 and 4	180	—	2,003	31,544
Population age 3 and 4, enrolled in school	101	56%	49%	42%
Enrolled in Public school	37	21%	23%	20%
Population age 5 to 14	822	—	9,924	158,051
Population age 5 to 14, enrolled in school	744	91%	97%	96%
Enrolled in Public school	538	65%	84%	79%
Population age 15 to 17	399	—	3,151	48,770
Population age 15 to 17, enrolled in school	399	100%	99%	97%
Enrolled in Public school	282	71%	88%	79%
Population age 18 to 24	466	—	6,507	105,506
Population age 18 to 24, enrolled in school	229	49%	47%	43%

English Proficiency

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Population age 3+ speaking Spanish	24	0%	2%	4%
w/limited English proficiency	0	0%	0%	2%
Population age 3+ speaking Asian/PI language	13	0%	1%	1%
w/limited English proficiency	0	0%	0%	1%
Population age 3+ speaking Arabic	0	0%	0%	0%
w/limited English proficiency	0	0%	0%	0%
Population age 3+ speaking other language	33	0%	1%	2%
w/limited English proficiency	16	0%	0%	1%

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

EDUCATION CHARACTERISTICS

Educational Attainment

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Population age 18 to 24	466	—	6,507	105,506
Less than 9th grade education	0	0%	1%	1%
9th thru 12th grade education	57	12%	16%	11%
High school graduate/GED	203	44%	33%	36%
Some college, no degree	127	27%	36%	36%
Associate degree	0	0%	3%	4%
Bachelor's degree	79	17%	11%	11%
Graduate or professional degree	0	0%	0%	1%

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Population age 25 and over	5,047	—	53,778	873,573
Less than 9th grade education	27	1%	2%	3%
9th thru 12th grade education	153	3%	7%	7%
High school graduate/GED	1,182	23%	30%	29%
Some college, no degree	1,199	24%	21%	22%
Associate degree	371	7%	9%	9%
Bachelor's degree	1,216	24%	19%	18%
Graduate or professional degree	899	18%	11%	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

	FKN	County	MSA
	Estimate	Percent	Percent
Total degrees	2,235	—	17,156
Science and engineering			282,998
Computers, mathematics, and statistics	74	3%	4%
Biological, agricultural, environmental sciences	131	6%	5%
Physical and related sciences	87	4%	3%
Psychology	50	2%	5%
Social sciences	39	2%	7%
Engineering	208	9%	6%
Multidisciplinary studies	42	2%	1%
Science and engineering related fields	246	11%	11%
Business	555	25%	21%
Education	316	14%	12%
Arts, humanities, and other			
Literature and languages	162	7%	4%
Liberal arts and history	89	4%	6%
Visual and performing arts	80	4%	4%
Communications	79	4%	5%
Other	77	3%	6%

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

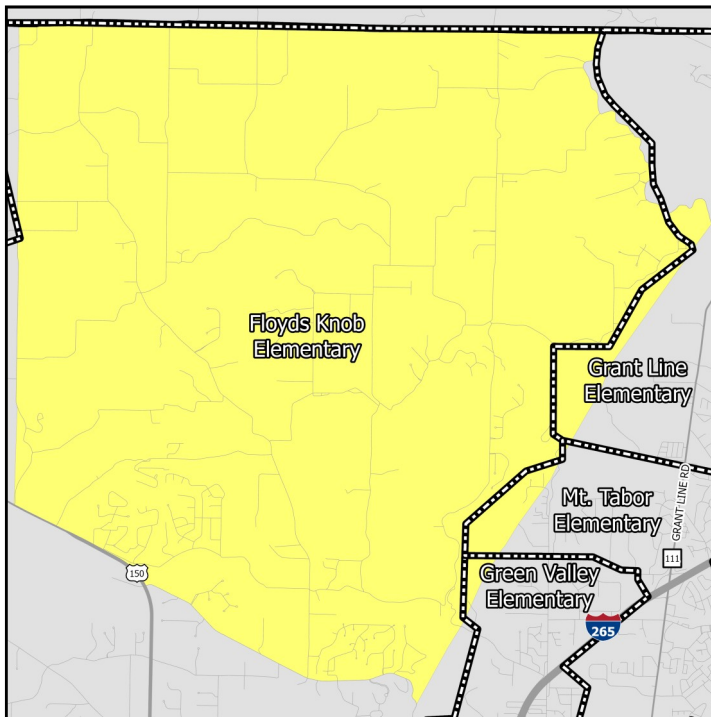
EDUCATION CHARACTERISTICS

New Albany-Floyd County Schools

Floyds Knobs North 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

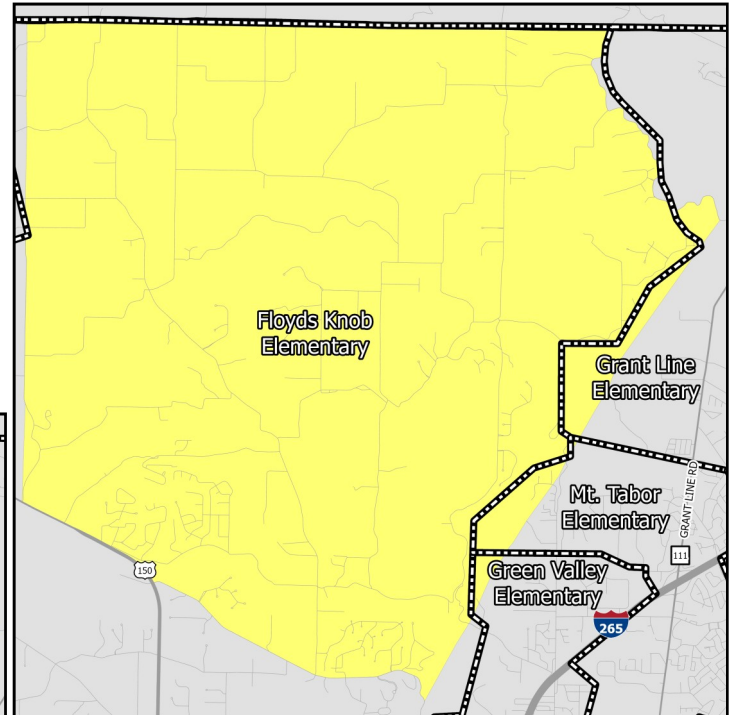


Middle Schools

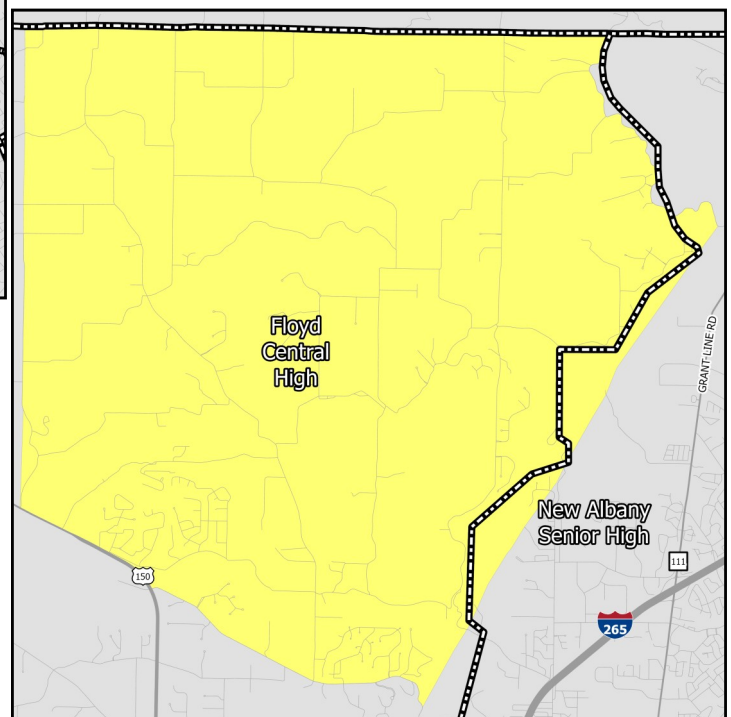
show only the “resides” schools for students within a particular neighborhood. Additional information on JCPS student assignment – which has recently been revised – can be found on their website.

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

New Albany-Floyd County Schools

Schools Serving Neighborhood	Level	Cluster	Enrollment	Non-White	Free Lunch Eligible	Student/Teacher	KDE/IDOE Grade
Floyds Knobs	Elementary	—	713	8.6%	14.0%	23.8	A
Grant Line	Elementary	—	513	22.2%	27.5%	20.5	B
Green Valley	Elementary	—	394	50.5%	74.1%	20.7	B
Mount Tabor	Elementary	—	548	27.9%	53.6%	18.9	B
Hazelwood	Middle	—	928	35.8%	64.2%	14.7	C
Highland Hills	Middle	—	1,685	8.6%	19.5%	20.1	A
Scribner	Middle	—	918	39.9%	50.5%	16.1	B
Floyd Central	High	—	1,867	10.3%	15.3%	21.6	A
New Albany	High	—	1,859	35.2%	50.5%	19.7	B

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

New Albany-Floyd County Schools

Schools Serving Neighborhood	Level	Reading Proficiency	Math Proficiency	KG Ready	Graduation Rate	College Transition
Floyds Knobs	Elementary	68.3%	82.5%	—	—	—
Grant Line	Elementary	47.7%	65.9%	—	—	—
Green Valley	Elementary	28.7%	40.9%	—	—	—
Mount Tabor	Elementary	48.3%	60.2%	—	—	—
Hazelwood	Middle	41.3%	30.1%	—	—	—
Highland Hills	Middle	66.1%	61.3%	—	—	—
Scribner	Middle	44.1%	43.4%	—	—	—
Floyd Central	High	39.6%	40.0%	—	95.6%	66.6%
New Albany	High	21.7%	22.0%	—	91.7%	51.5%

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

HOUSING CHARACTERISTICS

Housing Units

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Total housing units	2,965	—	33,011	547,307
Occupied housing units	2,632	89%	89%	91%
Owner occupied	2,512	95%	74%	67%
Renter occupied	120	5%	26%	33%
Vacant housing units	333	11%	11%	9%

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Single-family housing units	2,951	100%	83%	73%
Multi-family housing units	0	0%	15%	23%
2-4 unit structures	0	0%	5%	8%
5-9 unit structures	0	0%	3%	6%
10+ unit structures	0	0%	7%	10%
Other housing units	14	0%	2%	3%

Home Value/Rent

	FKN	County	MSA
Median reported value of owner occupied housing units	\$265,400	\$179,100	\$177,400
Median gross rent of renter occupied housing units	\$740	\$812	\$882
Median contract rent of renter occupied housing units	\$575	\$658	\$719

Internet Access

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Households w/internet access of any type	2,285	87%	82%	87%
Households w/any broadband internet access	2,257	86%	80%	85%
Households w/cell phone internet access only	266	10%	9%	12%
Households w/no internet access	347	13%	18%	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.

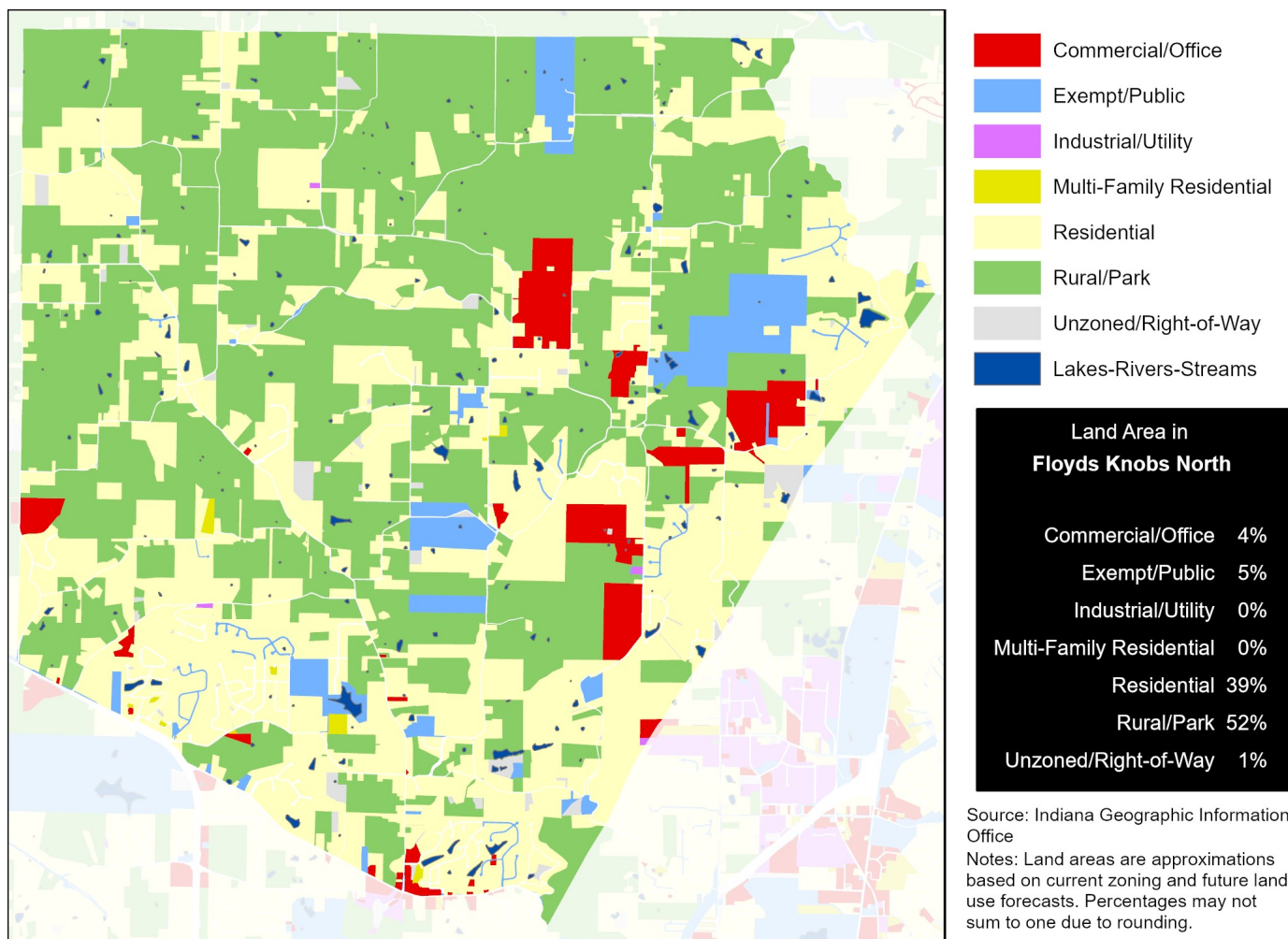
HOUSING CHARACTERISTICS

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.

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Renters paying 30%+ income on housing	16	16%	42%	43%
Owners paying 30%+ income on housing (mortgage)	260	17%	16%	20%
Owners paying 30%+ income on housing (no mortgage)	46	5%	9%	10%

Land Use



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

HEALTH CHARACTERISTICS

Health Insurance Coverage

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Population under 6 years without health insurance	21	4%	2%	3%
Population under 18 years without health insurance	75	4%	3%	3%
Total population without health insurance	203	3%	5%	5%

Disability Status

	FKN		County	MSA
	Estimate	Percent	Percent	Percent
Population with a disability	703	10%	14%	14%

Food Access

	FKN	Floyd County
Population who are low income and do not live close to a grocery store	0	9,052
Census tracts designated a food desert	0	3

Crime (2019)

	FKN	County	MSA
Violent crimes	—	500	16,031
Violent crimes per 100,000 population	—	638	1,262
Property crimes	—	2,297	34,867
Property crimes per 100,000 population	—	2,933	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

	FKN	County	MSA
Births to mothers who smoked during pregnancy	—	11%	10%
Births to mothers without a high school degree	—	—	—
Births to unmarried mothers	—	58%	47%
Low birthweight births (<2,500 grams)	—	8%	9%
Teen birth rate per 1,000 women age 15-19	—	25.2	22.6

Mortality Measures

	FKN	County	MSA
Years of potential life lost (age 75) per 100,000	—	8,452	8,186

Health Behaviors

	FKN	County	MSA
Population 18+ currently smokes	16%	19%	17%
Population 18+ obese	32%	34%	34%
Population 18+ binge drinking	18%	16%	16%
Population 18+ reporting 'fair' or 'poor' health	11%	13%	17%

Health Outcomes

	FKN	County	MSA
Population 18+ reports having/had asthma	9%	10%	15%
Population 18+ reports having/had cancer	8%	8%	10%
Population 18+ reports having/had CHD	5%	7%	8%
Population 18+ reports having/had COPD	6%	8%	10%
Population 18+ reports having/had depression	21%	22%	23%
Population 18+ reports having/had diabetes	9%	11%	11%
Population 18+ reports having/had stroke	3%	3%	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.