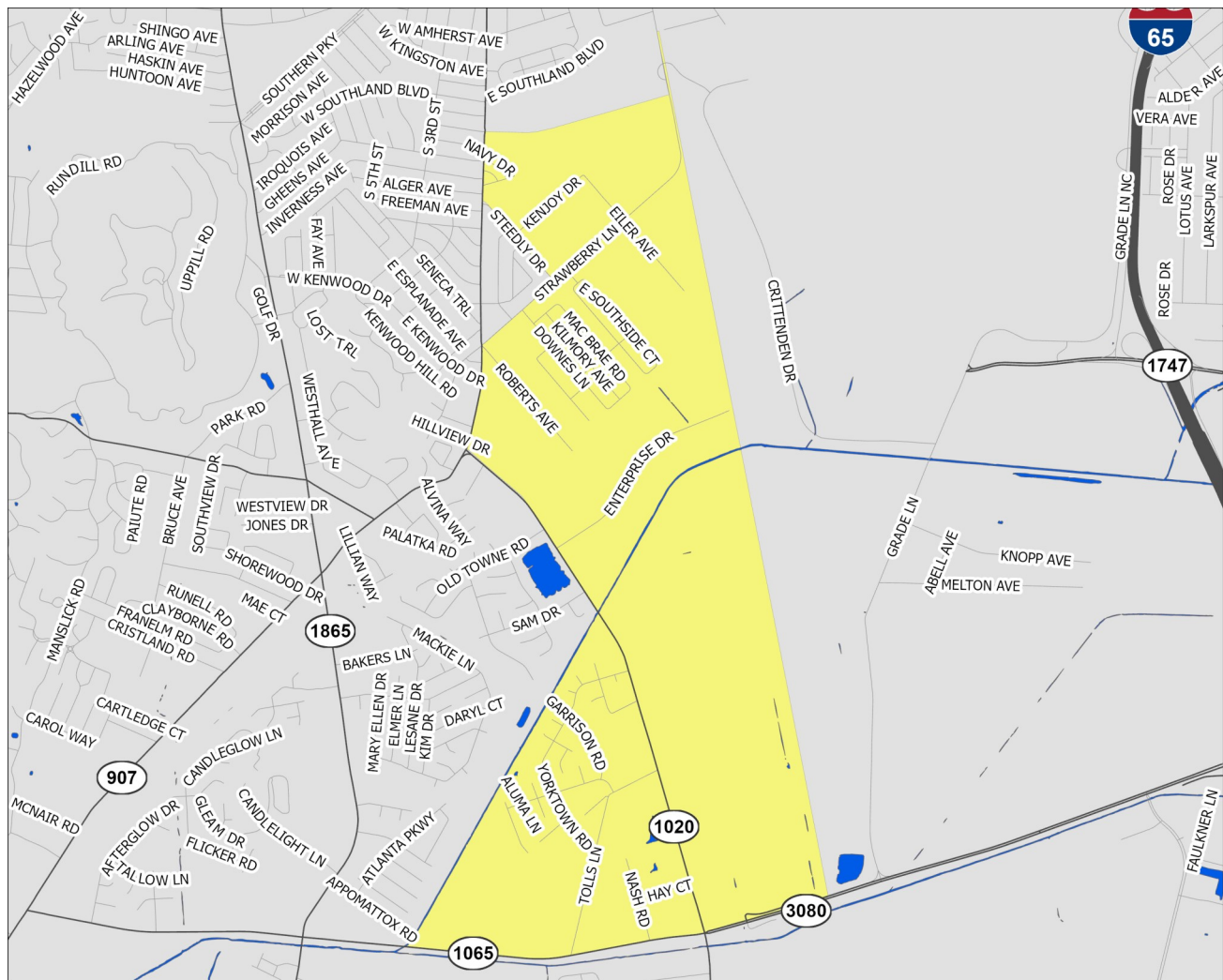


Southland Park NEIGHBORHOOD PROFILE

June 2022



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



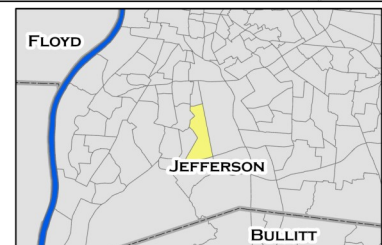
Scale = 1:25,790

Census Tracts: 91.03 and 91.05

Jefferson County, Kentucky

Southland Park

- 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

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Total population	3,517	—	768,419	1,262,287
Male	1,719	49%	48%	49%
Female	1,798	51%	52%	51%

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Population under age 5	327	9%	6%	6%
Under age 3	162	5%	4%	4%
Age 3 and 4	165	5%	3%	2%
Population under age 18	702	20%	22%	22%
Age 5 to 14	333	9%	12%	13%
Age 15 to 17	42	1%	4%	4%
Population age 18 to 64	2,368	67%	62%	62%
Population age 65 and over	447	13%	16%	16%

Race, Ethnicity, and Nativity

	SP		County	MSA
	Estimate	Percent	Percent	Percent
White, non-Hispanic/Latino	2,202	63%	67%	75%
Black, non-Hispanic/Latino	357	10%	22%	15%
Asian, non-Hispanic/Latino	371	11%	3%	2%
Hispanic/Latino, of any race	450	13%	6%	5%
Multiple races, non-Hispanic/Latino	109	3%	3%	3%
Other, non-Hispanic/Latino	28	1%	1%	0%
Foreign born	819	23%	8%	6%

Veteran Status

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Civilian population 18 years and over	2,815	—	597,788	978,060
Veterans	68	2%	7%	8%

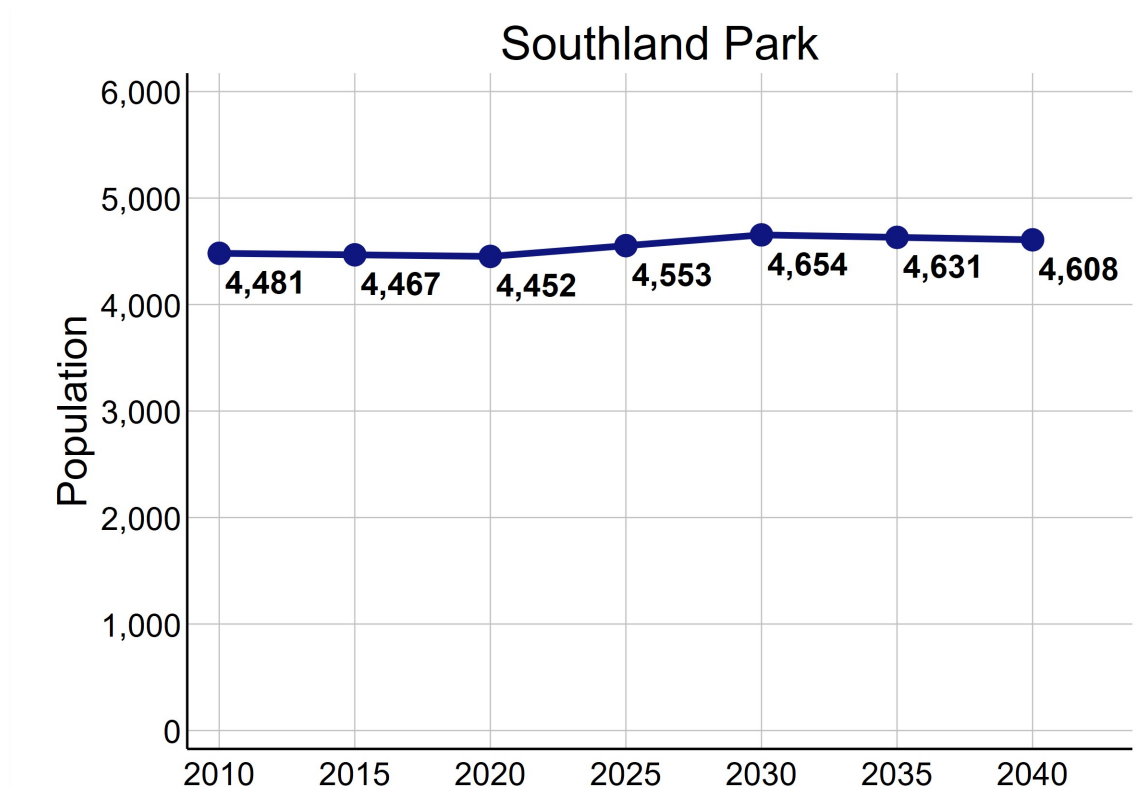
Data Source: U.S. Census Bureau, 2016-2020 American Community Survey. Note: Percentages may not sum to 100 due to rounding.
MSA=Metropolitan Statistical Area

POPULATION CHARACTERISTICS

Households and Families

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Total households	1,461	—	316,411	497,106
Married couple family households	481	33%	40%	46%
w/related children	275	19%	16%	18%
Male householder family households	60	4%	5%	5%
w/related children	0	0%	3%	3%
Female householder family households	240	16%	14%	13%
w/related children	100	7%	9%	8%
Non-family households	680	47%	41%	37%
Single person households	571	39%	34%	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

	SP	County	MSA
Median household income (in 2020 dollars)	\$41,003	\$58,196	\$60,891
Median earnings for full-time male workers	\$36,916	\$52,019	\$52,300
Median earnings for full-time female workers	\$27,326	\$31,143	\$31,196
Gini coefficient	0.40	0.47	0.46

SNAP Benefits

	SP	County	MSA
	Estimate	Percent	Percent
Households receiving SNAP Benefits	183	13%	9%
Households with public assistance (PA) income	15	1%	2%
Households receiving either SNAP or PA	189	13%	10%

Vehicles Available

	SP	County	MSA
	Estimate	Percent	Percent
Households with no vehicle	208	14%	7%

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

ECONOMIC CHARACTERISTICS

Poverty Status of Individuals

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Total population below federal poverty line (FPL)	491	14%	14%	12%
Population under 18 years below FPL	137	20%	21%	17%
Population under 6 years below FPL	29	8%	22%	19%
Population age 6 to 11 below FPL	65	30%	21%	18%
Population age 12 to 17 below FPL	43	33%	18%	16%
Population age 18 to 64 below FPL	314	13%	13%	11%
Population age 65 and over below FPL	40	9%	9%	8%
Total population below 150% of the FPL	821	23%	22%	20%
Population under 18 years below 150% of the FPL	180	26%	32%	29%
Population under 6 years below 150% of the FPL	67	19%	35%	32%
Population age 6 to 11 below 150% of the FPL	65	30%	34%	30%
Population age 12 to 17 below 150% of the FPL	48	37%	28%	24%
Population age 18 to 64 below 150% of the FPL	516	22%	20%	18%
Population age 65 and over below 150% of the FPL	125	28%	17%	16%
Total population below 185% of the FPL	1,032	29%	28%	26%
Population under 18 years below 185% of the FPL	180	26%	39%	35%
Population under 6 years below 185% of the FPL	67	19%	43%	40%
Population age 6 to 11 below 185% of the FPL	65	30%	40%	37%
Population age 12 to 17 below 185% of the FPL	48	37%	34%	30%
Population age 18 to 64 below 185% of the FPL	653	28%	25%	23%
Population age 65 and over below 185% of the FPL	199	45%	23%	22%
Total population below 200% of the FPL	1,270	36%	30%	28%
Population under 18 years below 200% of the FPL	287	41%	42%	38%
Population under 6 years below 200% of the FPL	96	27%	46%	42%
Population age 6 to 11 below 200% of the FPL	143	66%	44%	39%
Population age 12 to 17 below 200% of the FPL	48	37%	36%	33%
Population age 18 to 64 below 200% of the FPL	784	33%	27%	25%
Population age 65 and over below 200% of the FPL	199	45%	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

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Families	781	—	186,716	314,935
Families below federal poverty line (FPL)	63	8%	10%	8%
Families below 150% of the FPL	134	17%	16%	15%
Families below 185% of the FPL	159	20%	21%	20%
Families below 200% of the FPL	225	29%	24%	22%
Families with related children	375	48%	46%	46%
Families with related children below FPL	53	7%	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

	SP		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	58	4%	5%	4%
Age 65 and over—Unemployed	0	0%	4%	3%
Total unemployed, age 16 and over	58	3%	5%	5%

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Age 16-19—Not in the labor force	58	36%	53%	53%
Age 20-21—Not in the labor force	10	12%	24%	23%
Age 22-24—Not in the labor force	63	23%	16%	17%
Age 25-64—Not in the labor force	467	25%	20%	21%
Age 65 and over—Not in the labor force	387	87%	80%	80%
Total not in the labor force, age 16 and over	985	34%	34%	35%

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

ECONOMIC CHARACTERISTICS

Class of Worker

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Private company/organization	1,433	79%	73%	74%
Nonprofit company/organization	58	3%	8%	8%
Local government	55	3%	5%	5%
State government	25	1%	4%	4%
Federal government	76	4%	2%	2%
Self-employed or unpaid family worker	167	9%	8%	8%

Weeks and Hours Usually Worked

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Works 48-52 weeks/year, 35 or more hours/week	1,220	65%	68%	69%
Works 48-52 weeks/year, less than 35 hours/week	131	7%	11%	11%
Works 0-47 weeks/year, 35 or more hours/week	382	20%	11%	10%
Works 0-47 weeks/year, less than 35 hours/week	155	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

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Drives alone in car	1,246	74%	84%	86%
Bus	29	2%	3%	2%
Bike	0	0%	0%	0%
Walk	0	0%	2%	2%
All other modes	416	25%	11%	10%

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Commutes less than 10 minutes	201	12%	10%	10%
Commutes 10-19 minutes	404	24%	33%	30%
Commutes 20-29 minutes	676	40%	31%	28%
Commutes 30-44 minutes	290	17%	19%	23%
Commutes 45-59 minutes	35	2%	4%	6%
Commutes 60 or more minutes	85	5%	3%	4%

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Works at home	75	4%	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)

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Total full and part-time jobs	7,174	—	487,522	653,432
Agriculture and mining	0	0%	0%	0%
Construction	810	11%	4%	4%
Manufacturing	2,804	39%	11%	13%
Trade	1,360	19%	15%	15%
Transportation, warehousing, and utilities	1,131	16%	9%	9%
Finance, insurance, information, and real estate	86	1%	10%	9%
Professional services	203	3%	6%	5%
Management and administration	489	7%	9%	8%
Education	0	0%	7%	7%
Health care	23	0%	13%	13%
Entertainment, arts, and recreation	0	0%	2%	2%
Accommodations and food service	128	2%	9%	9%
Other services	140	2%	3%	3%
Public administration	0	0%	2%	3%

Jobs by Home Neighborhood of Worker (2019)

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Total full and part-time jobs	1,803	—	367,691	613,518
Agriculture and mining	3	0%	0%	0%
Construction	58	3%	4%	4%
Manufacturing	254	14%	11%	13%
Trade	312	17%	15%	15%
Transportation, warehousing, and utilities	289	16%	9%	8%
Finance, insurance, information, and real estate	93	5%	9%	8%
Professional services	84	5%	6%	5%
Management and administration	213	12%	9%	8%
Education	76	4%	8%	8%
Health care	156	9%	13%	13%
Entertainment, arts, and recreation	14	1%	2%	2%
Accommodations and food service	172	10%	10%	9%
Other services	51	3%	3%	3%
Public administration	28	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

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Population age 3 and 4	165	—	19,694	31,544
Population age 3 and 4, enrolled in school	29	18%	42%	42%
Enrolled in Public school	29	18%	19%	20%
Population age 5 to 14	333	—	93,803	158,051
Population age 5 to 14, enrolled in school	319	96%	95%	96%
Enrolled in Public school	319	96%	75%	79%
Population age 15 to 17	42	—	28,153	48,770
Population age 15 to 17, enrolled in school	42	100%	96%	97%
Enrolled in Public school	36	86%	74%	79%
Population age 18 to 24	470	—	65,804	105,506
Population age 18 to 24, enrolled in school	187	40%	45%	43%

English Proficiency

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Population age 3+ speaking Spanish	318	10%	4%	4%
w/limited English proficiency	243	8%	2%	2%
Population age 3+ speaking Asian/PI language	231	7%	2%	1%
w/limited English proficiency	151	5%	1%	1%
Population age 3+ speaking Arabic	34	1%	0%	0%
w/limited English proficiency	21	1%	0%	0%
Population age 3+ speaking other language	352	11%	3%	2%
w/limited English proficiency	214	7%	1%	1%

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

EDUCATION CHARACTERISTICS

Educational Attainment

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Population age 18 to 24	470	—	65,804	105,506
Less than 9th grade education	5	1%	1%	1%
9th thru 12th grade education	63	13%	10%	11%
High school graduate/GED	138	29%	34%	36%
Some college, no degree	141	30%	37%	36%
Associate degree	72	15%	4%	4%
Bachelor's degree	34	7%	13%	11%
Graduate or professional degree	17	4%	1%	1%

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Population age 25 and over	2,345	—	532,550	873,573
Less than 9th grade education	197	8%	3%	3%
9th thru 12th grade education	300	13%	6%	7%
High school graduate/GED	797	34%	26%	29%
Some college, no degree	419	18%	23%	22%
Associate degree	324	14%	8%	9%
Bachelor's degree	213	9%	20%	18%
Graduate or professional degree	95	4%	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

	SP	County	MSA
	Estimate	Percent	Percent
Total degrees	319	—	195,331
Science and engineering			
Computers, mathematics, and statistics	52	16%	4%
Biological, agricultural, environmental sciences	9	3%	5%
Physical and related sciences	10	3%	3%
Psychology	27	8%	5%
Social sciences	0	0%	7%
Engineering	6	2%	6%
Multidisciplinary studies	8	3%	1%
Science and engineering related fields	45	14%	11%
Business	53	17%	20%
Education	44	14%	10%
Arts, humanities, and other			
Literature and languages	16	5%	5%
Liberal arts and history	28	9%	6%
Visual and performing arts	0	0%	4%
Communications	12	4%	6%
Other	9	3%	6%

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

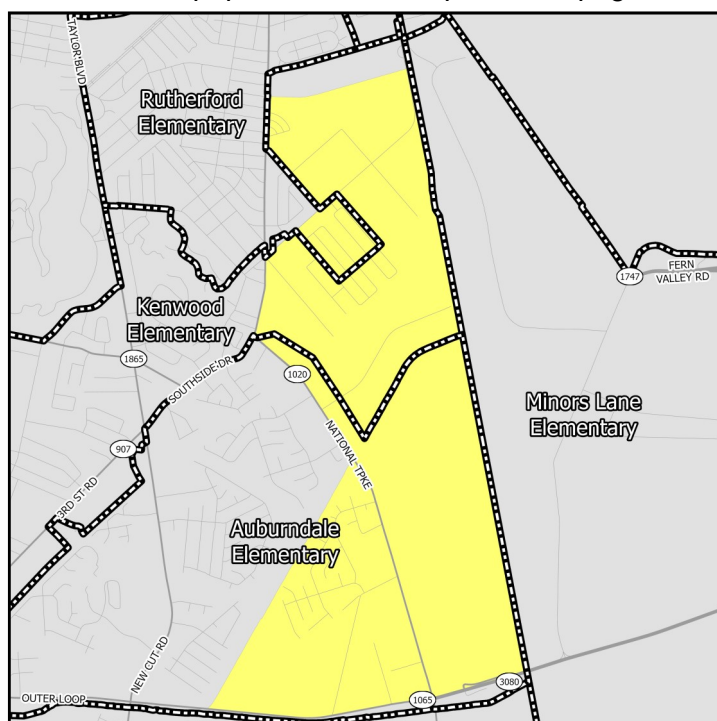
EDUCATION CHARACTERISTICS

Jefferson County Public Schools

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

Nearhoods 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

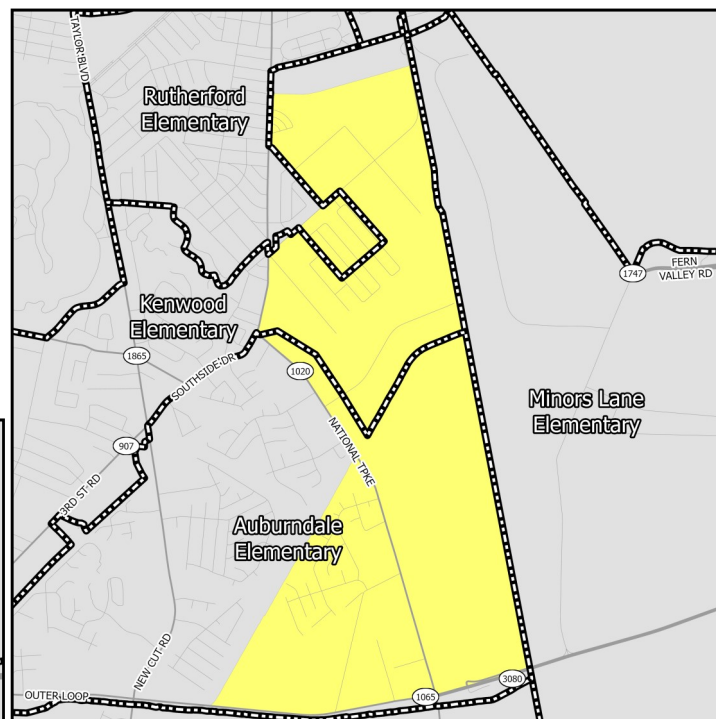


Middle Schools

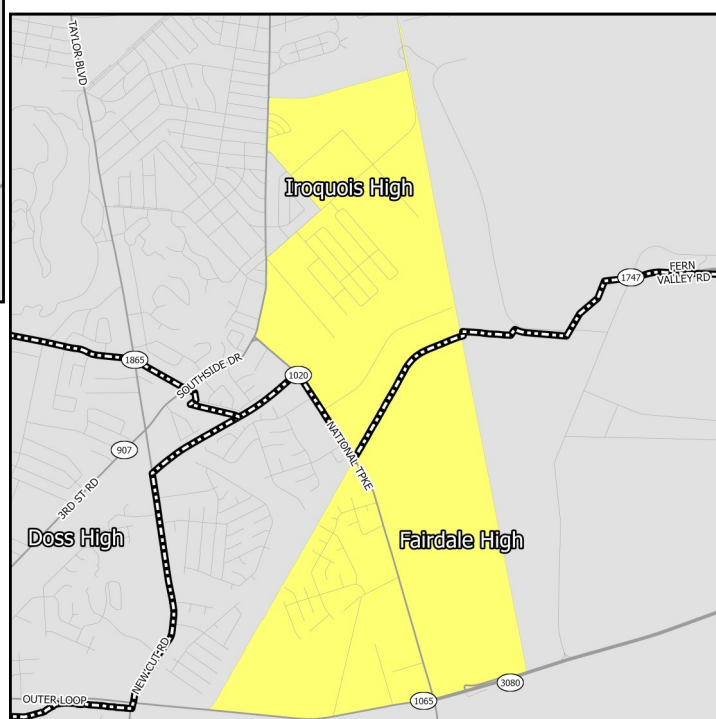
show only the “resides” schools for students within a particular neighborhood. Additional information on JCPSS student assignment – which has recently been revised – can be found on their website.

Nearhoods 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
Auburndale	Elementary	4	638	61.3%	84.9%	16.0	3
Kenwood	Elementary	4	597	62.1%	84.1%	14.8	2
Rutherford	Elementary	5	506	73.9%	89.3%	13.8	2
Olmsted South	Middle	—	811	70.0%	87.3%	13.6	2
Fairdale	High	—	1,425	49.8%	72.4%	15.6	1
Iroquois	High	—	1,250	79.0%	83.4%	13.6	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
Auburndale	Elementary	45.0%	43.9%	38.0%	—	—
Kenwood	Elementary	47.0%	48.8%	36.2%	—	—
Rutherford	Elementary	29.5%	34.9%	31.9%	—	—
Olmsted South	Middle	38.9%	31.8%	—	—	—
Fairdale	High	26.0%	20.4%	—	89.1%	55.0%
Iroquois	High	5.6%	—	—	73.7%	16.5%

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

HOUSING CHARACTERISTICS

Housing Units

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Total housing units	1,660	—	347,172	547,307
Occupied housing units	1,461	88%	91%	91%
Owner occupied	794	54%	62%	67%
Renter occupied	667	46%	38%	33%
Vacant housing units	199	12%	9%	9%

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Single-family housing units	808	49%	68%	73%
Multi-family housing units	683	41%	30%	23%
2-4 unit structures	453	27%	10%	8%
5-9 unit structures	58	3%	7%	6%
10+ unit structures	172	10%	13%	10%
Other housing units	169	10%	1%	3%

Home Value/Rent

	SP	County	MSA
Median reported value of owner occupied housing units	\$98,329	\$178,100	\$177,400
Median gross rent of renter occupied housing units	\$776	\$901	\$882
Median contract rent of renter occupied housing units	\$657	\$741	\$719

Internet Access

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Households w/internet access of any type	1,274	87%	89%	87%
Households w/any broadband internet access	1,237	85%	87%	85%
Households w/cell phone internet access only	299	20%	13%	12%
Households w/no internet access	187	13%	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.

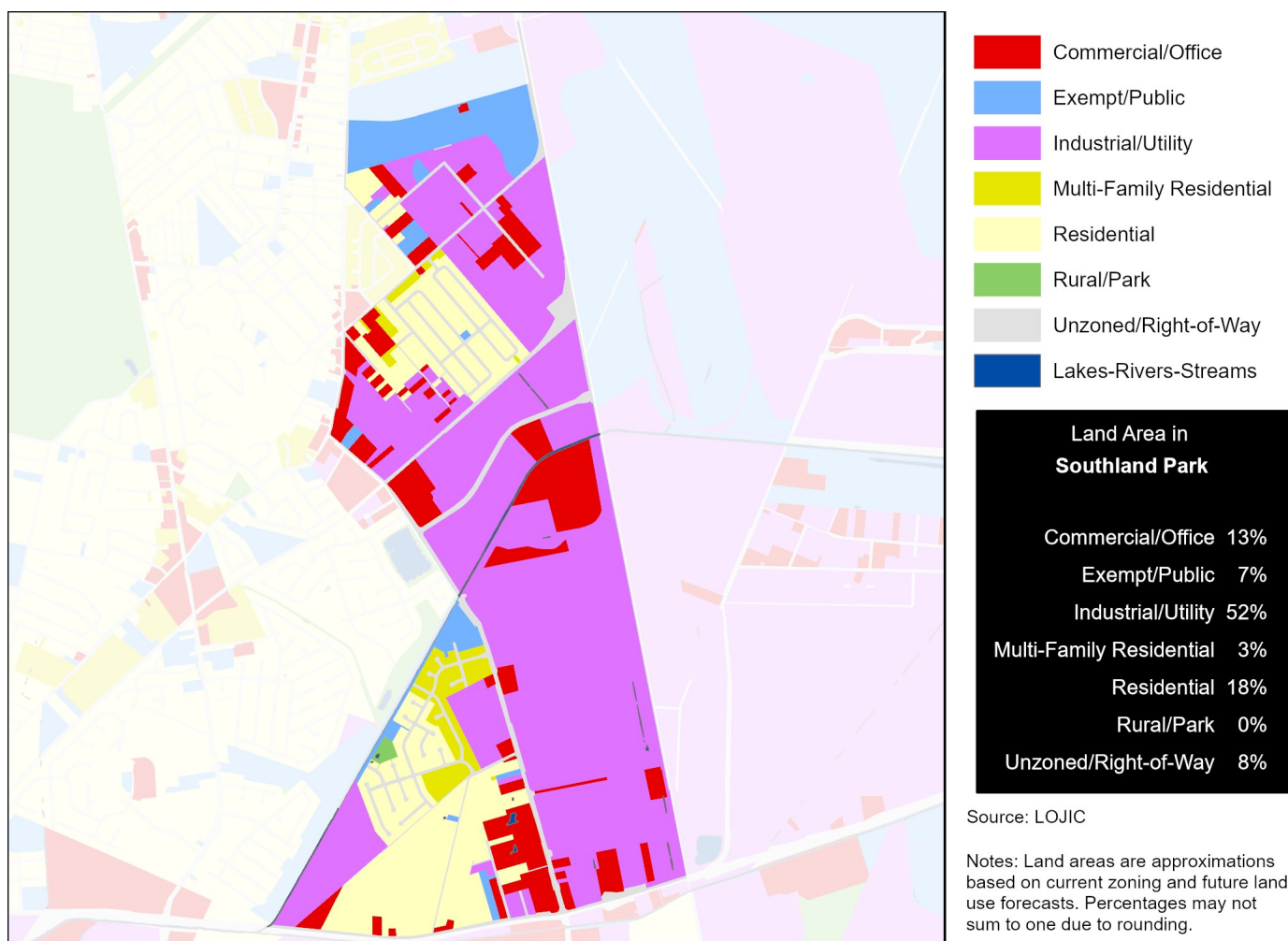
HOUSING CHARACTERISTICS

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.

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Renters paying 30%+ income on housing	283	43%	43%	43%
Owners paying 30%+ income on housing (mortgage)	176	34%	21%	20%
Owners paying 30%+ income on housing (no mortgage)	30	12%	11%	10%

Land Use



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

HEALTH CHARACTERISTICS

Health Insurance Coverage

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Population under 6 years without health insurance	0	0%	3%	3%
Population under 18 years without health insurance	37	5%	3%	3%
Total population without health insurance	309	9%	5%	5%

Disability Status

	SP		County	MSA
	Estimate	Percent	Percent	Percent
Population with a disability	623	18%	14%	14%

Food Access

	SP	Jefferson County
Population who are low income and do not live close to a grocery store	2,943	92,837
Census tracts designated a food desert	2	36

Crime (2019)

	SP	County	MSA
Violent crimes	115	13,314	16,031
Violent crimes per 100,000 population	2,583	1,728	1,262
Property crimes	190	29,085	34,867
Property crimes per 100,000 population	4,268	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

	SP	County	MSA
Births to mothers who smoked during pregnancy	9%	10%	10%
Births to mothers without a high school degree	31%	13%	—
Births to unmarried mothers	49%	46%	47%
Low birthweight births (<2,500 grams)	10%	9%	9%
Teen birth rate per 1,000 women age 15-19	51	22.0	22.6

Mortality Measures

	SP	County	MSA
Years of potential life lost (age 75) per 100,000	9,903	8,318	8,186

Health Behaviors

	SP	County	MSA
Population 18+ currently smokes	26%	22%	17%
Population 18+ obese	33%	34%	34%
Population 18+ binge drinking	17%	18%	16%
Population 18+ reporting 'fair' or 'poor' health	15%	14%	17%

Health Outcomes

	SP	County	MSA
Population 18+ reports having/had asthma	10%	10%	15%
Population 18+ reports having/had cancer	6%	8%	10%
Population 18+ reports having/had CHD	7%	7%	8%
Population 18+ reports having/had COPD	10%	9%	10%
Population 18+ reports having/had depression	23%	23%	23%
Population 18+ reports having/had diabetes	11%	12%	11%
Population 18+ reports having/had stroke	4%	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.