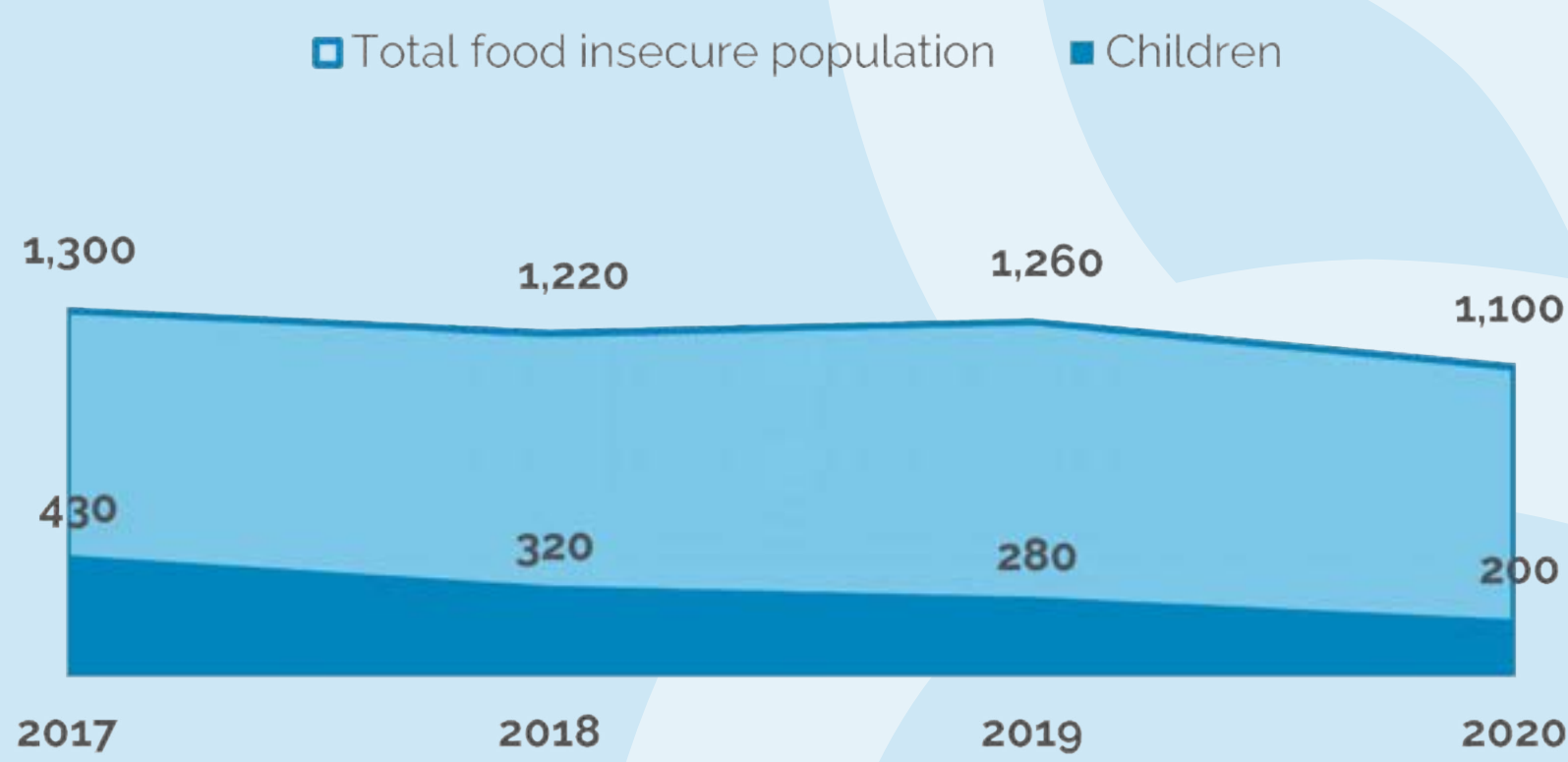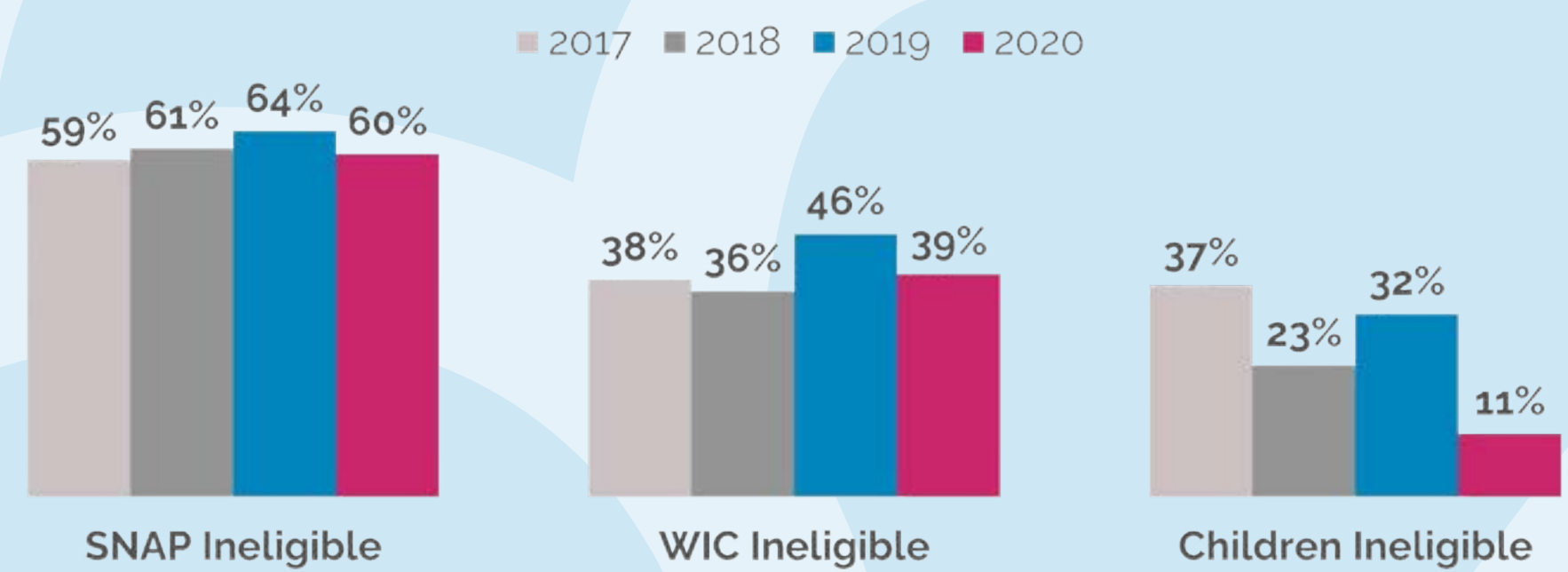# Health & Nutrition
Food Security

8.1%

of Osage County residents are **food insecure**

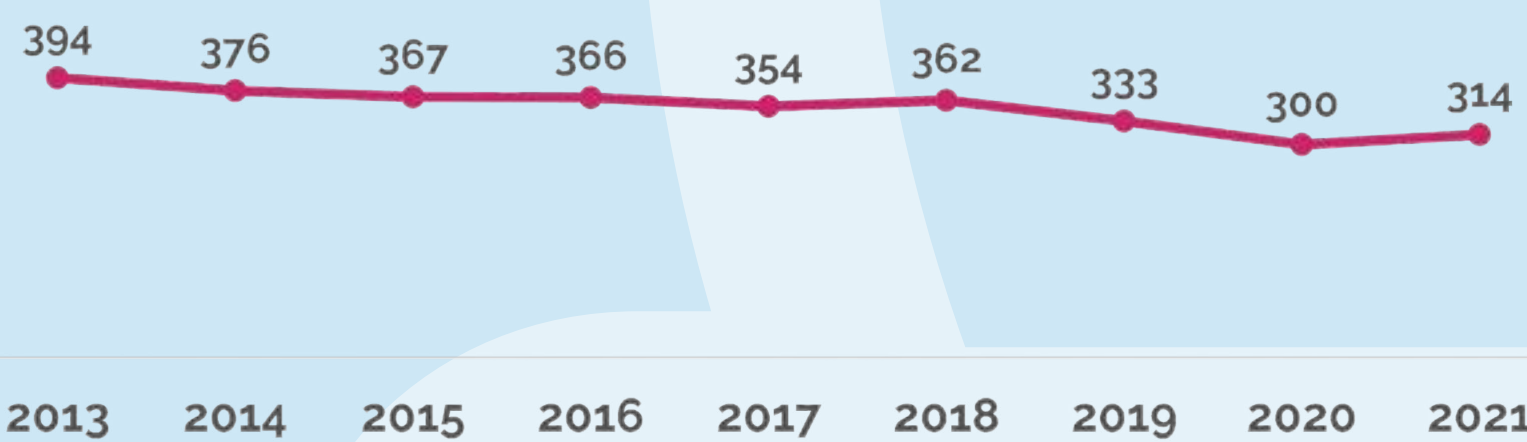**Food insecurity** is defined as limited or inconsistent access to enough food for every person in a household.

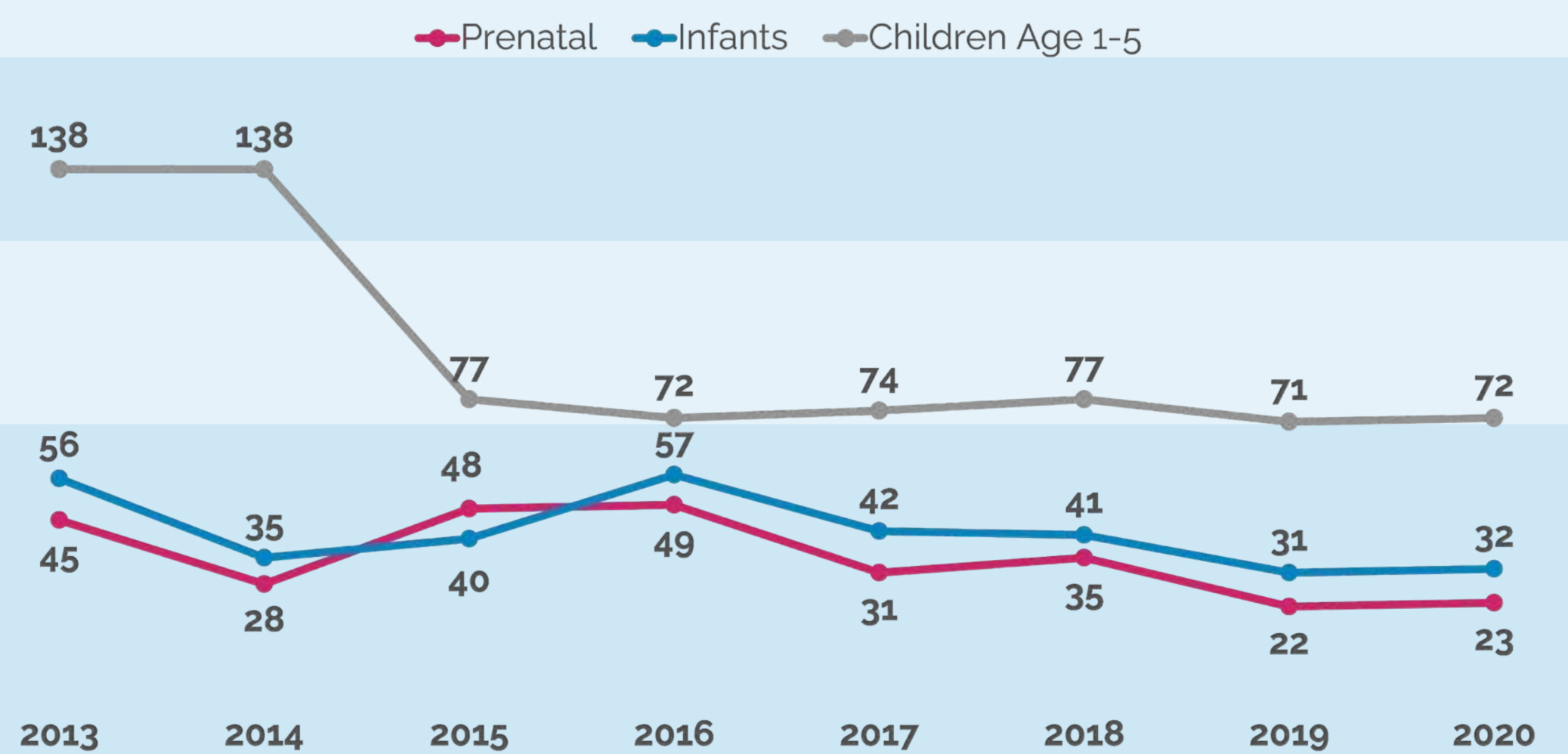## Food Insecure Population

- Total food insecure population
- Children

	2017	2018	2019	2020
Total food insecure population	1,300	1,220	1,260	1,100
Children	430	320	280	200

Food Insecure Population Ineligible for Assistance

- 2017
- 2018
- 2019
- 2020

	2017	2018	2019	2020
SNAP Ineligible	59%	61%	64%	60%
WIC Ineligible	38%	36%	46%	39%
Children Ineligible	37%	23%	32%	11%

Households Receiving SNAP (Food Stamps)

| 2013	2014	2015	2016	2017	2018	2019	2020	2021
394	376	367	366	354	362	333	300	314

SNAP refers to the Supplemental Nutrition Assistance Program, also known as food stamps. According to the U.S. Food & Nutrition Service, "SNAP provides nutrition benefits to supplement the food budget of needy families so they can purchase healthy food and move toward self-sufficiency."

Individuals Receiving WIC

- Prenatal
- Infants
- Children Age 1-5

	2013	2014	2015	2016	2017	2018	2019	2020
Prenatal	45	28	48	49	31	35	22	23
Infants	56	35	40	57	42	41	31	32
Children Age 1-5	138	138	77	72	74	77	71	72

WIC refers to the Special Supplemental Nutrition Program for Women, Infants & Children. According to U.S. Food & Nutrition Service, WIC provides "supplemental foods, health care referrals, and nutrition education for low-income pregnant, breastfeeding, and non-breastfeeding post-partum women, and to infants and children up to age 5 who are found to be at nutritional risk."

Pounds of Food Distributed by Food Banks

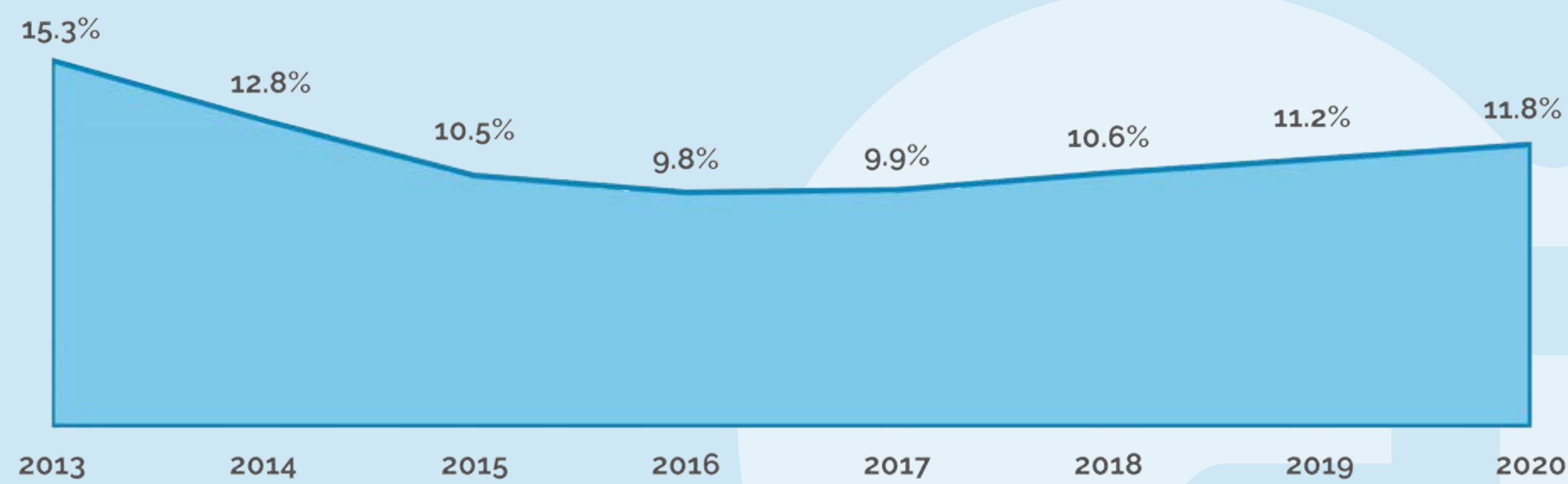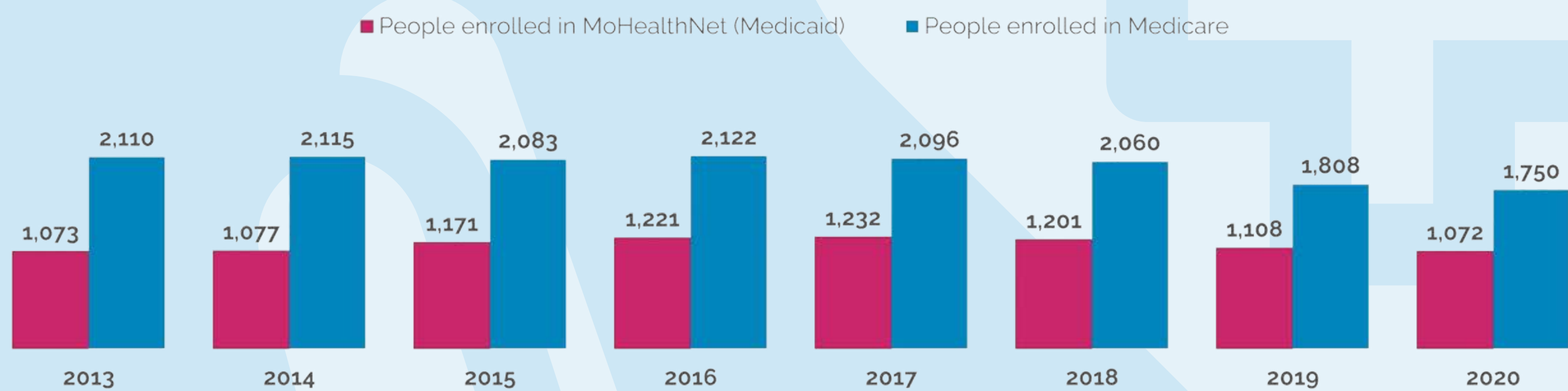| 2016	2017	2018	2019	2020	2021
352,417	297,147	317,564	365,731	415,861	393,380
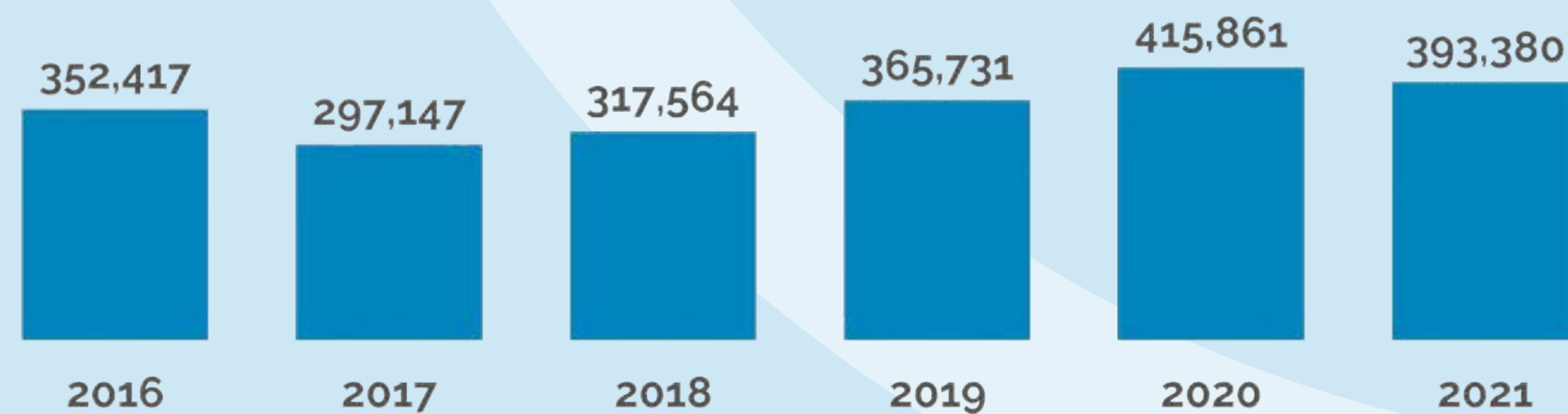
Sources:
1. Feeding America. (2022). Map the Meal Gap, 2020.
2. U.S. Census Bureau. (2022). 2021: American Community Survey 5-Year Estimates Subject Tables, Table S2201.
3. U.S. Department of Agriculture, Food and Nutrition Service. (2023).
4. Missouri Department of Health and Senior Services. (2022). WIC Infant, Child & Prenatal MICA, 2013-2020.
5. The Food Bank of Central & Northeast Missouri. (2022). 2021 Accomplishments Report.

Health & Nutrition
Health Care

People Without Health Insurance Coverage

2013	2014	2015	2016	2017	2018	2019	2020
15.3%	12.8%	10.5%	9.8%	9.9%	10.6%	11.2%	11.8%

People Enrolled in Public Health Care Coverage

■ People enrolled in MoHealthNet (Medicaid)   ■ People enrolled in Medicare

	2013	2014	2015	2016	2017	2018	2019	2020
MoHealthNet (Medicaid)	1,073	1,077	1,171	1,221	1,232	1,201	1,108	1,072
Medicare	2,110	2,115	2,083	2,122	2,096	2,060	1,808	1,750

Individuals Receiving Mental Illness Treatment Services from the Division of Behavioral Health

2017	2018	2019	2020	2021
38	44	50	48	56
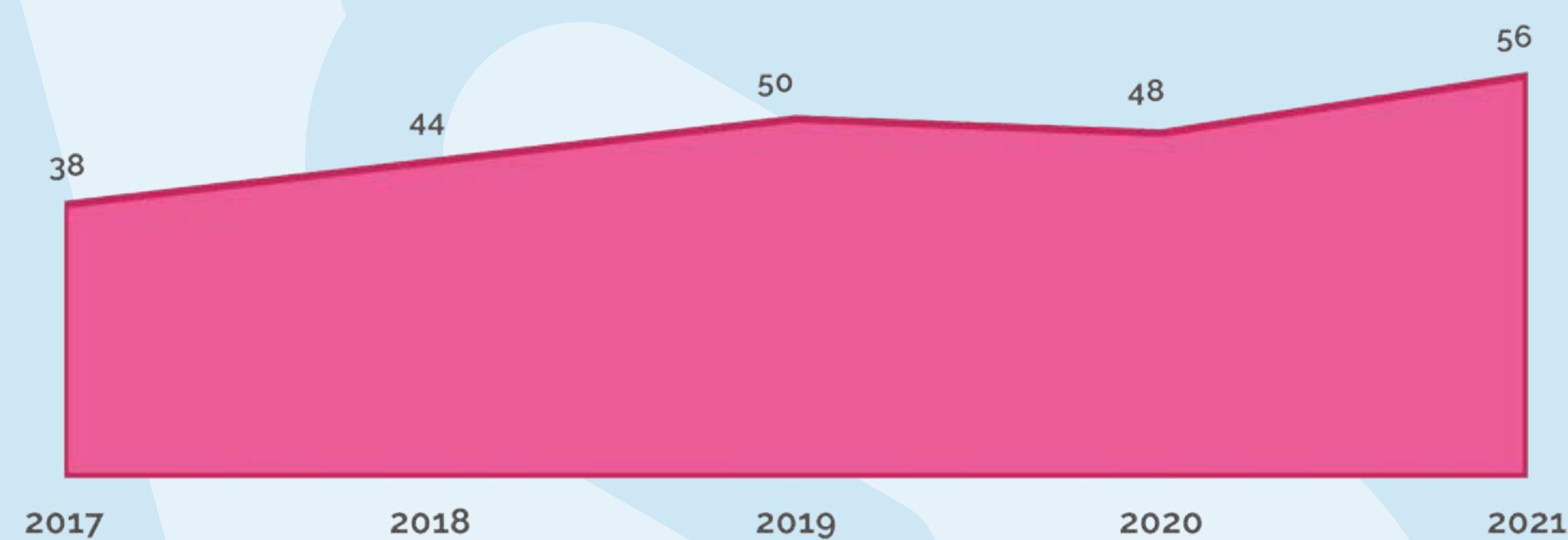
In a recent survey, Osage County middle & high school students reported that:

31.8% used alcohol in the past month

31.7% rode with someone who was drinking alcohol

10.7% seriously considered suicide
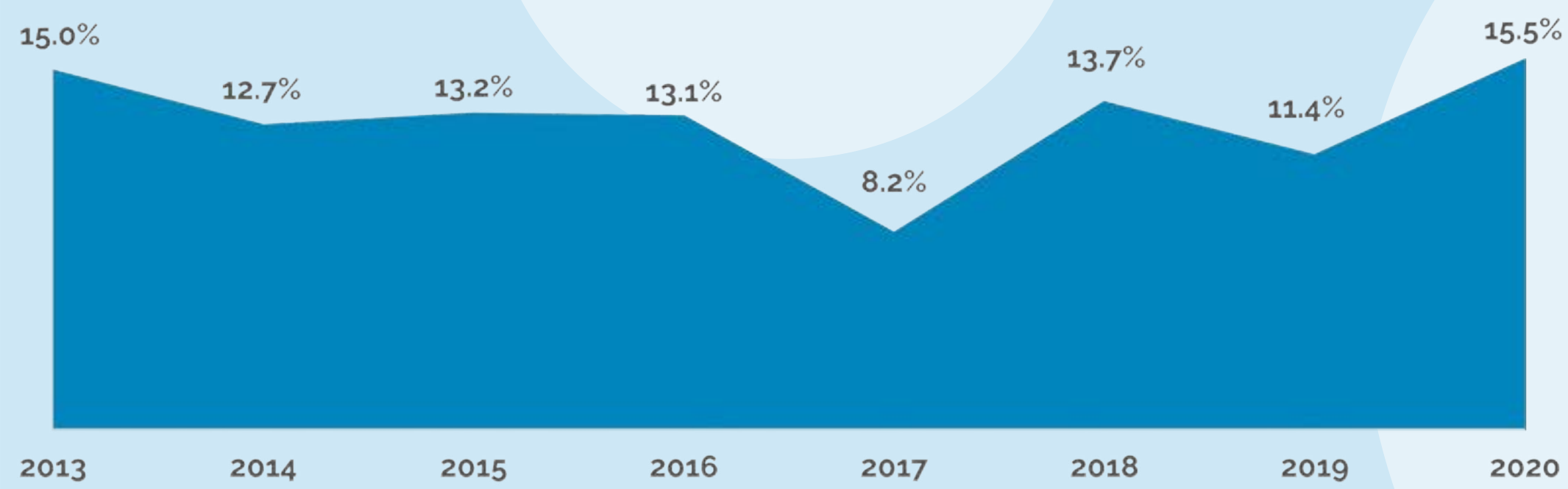
4.9% attempted suicide

Health & Nutrition
Births and Deaths

Pregnant Mothers Receiving Inadequate Prenatal Care

15.0% 12.7% 13.2% 13.1% 8.2% 13.7% 11.4% 15.5%

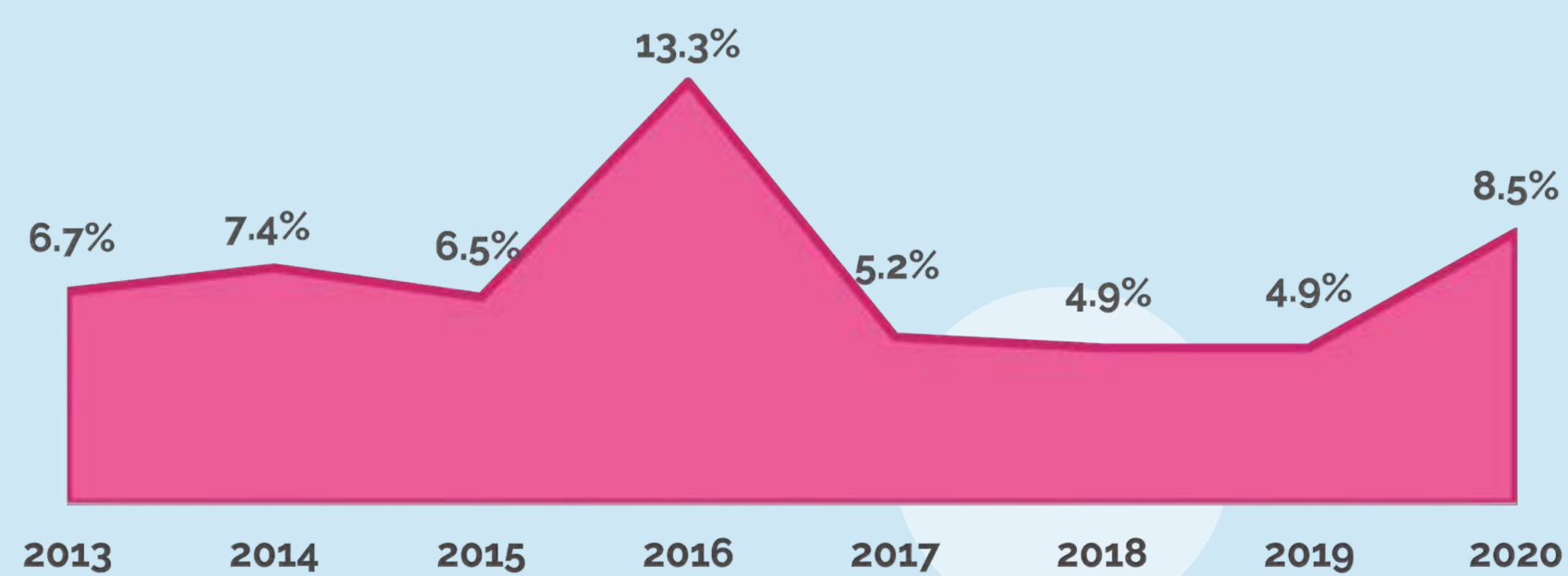2013 2014 2015 2016 2017 2018 2019 2020

Inadequate prenatal care is associated with increased risk of pregnancy complications, pre-term birth, and low birth weight.
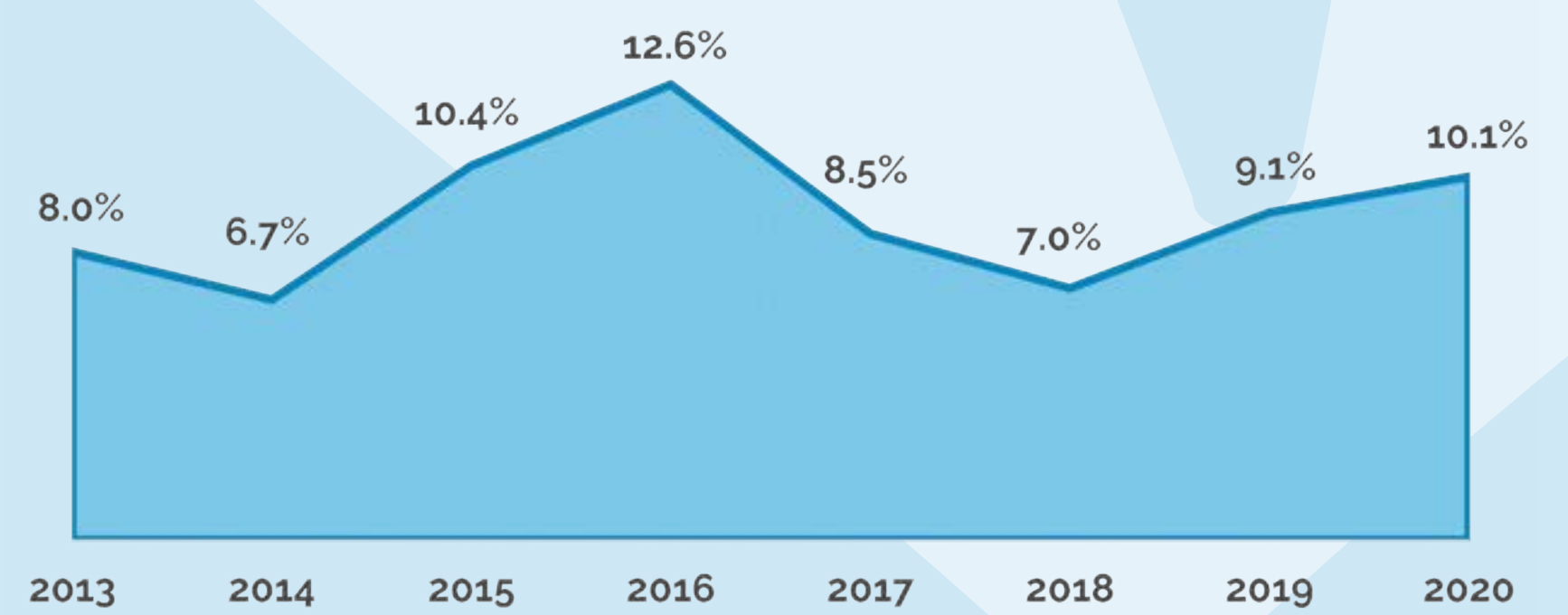
Low birth weight is correlated with lower academic and health outcomes over the child's lifespan.

Prematurity, or pre-term birth prior to 37 weeks, is a strong predictor of infant mortality and morbidity and is associated with negative long-term health outcomes.
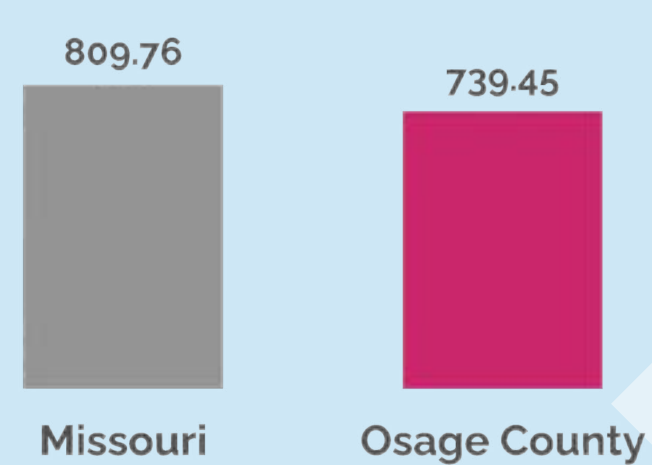
Low Birth Weight Births

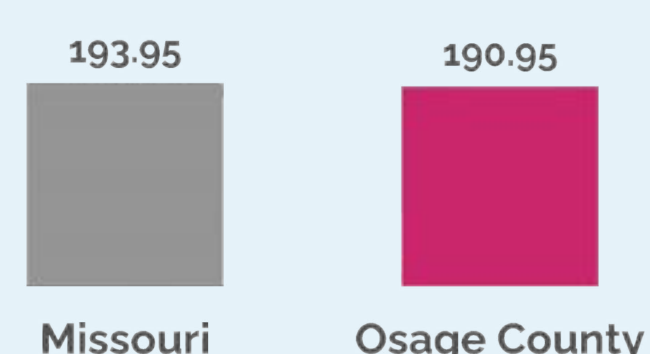6.7% 7.4% 6.5% 13.3% 5.2% 4.9% 4.9% 8.5%

2013 2014 2015 2016 2017 2018 2019 2020

Premature Births

8.0% 6.7% 10.4% 12.6% 8.5% 7.0% 9.1% 10.1%

2013 2014 2015 2016 2017 2018 2019 2020

Causes of Death
Rate per 100,000

All Causes of Death

809.76 Missouri
739.45 Osage County

Heart Disease

193.95 Missouri
190.95 Osage County

All Cancers

173.88 Missouri
158.56 Osage County

Diabetes Mellitus

20.28 Missouri
23.88 Osage County
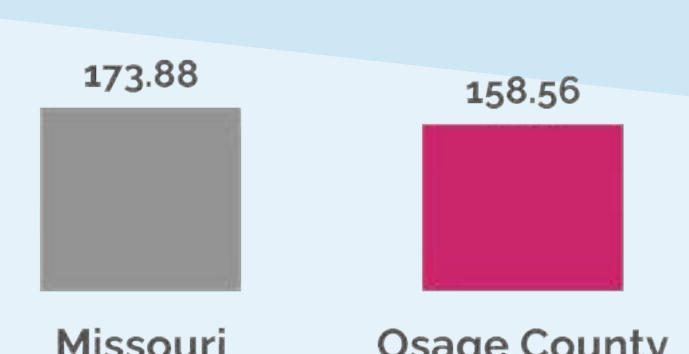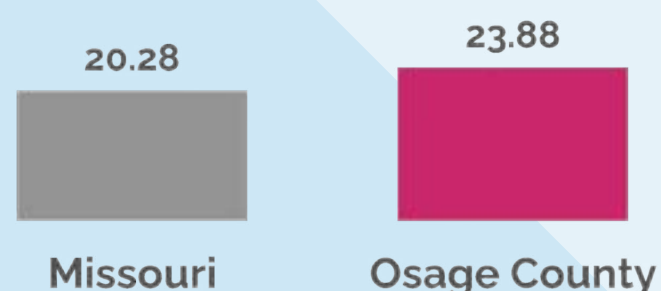
Stroke/Other Cerebrovascular Disease

41.02 Missouri
27.24 Osage County
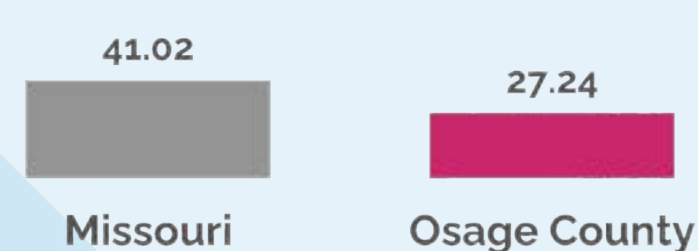
Motor Vehicle Accidents
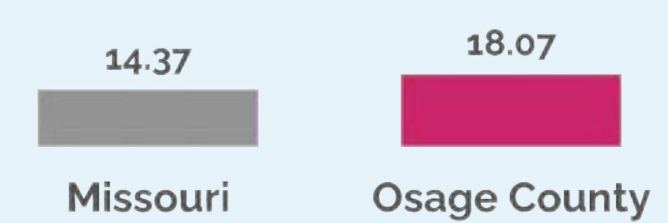
14.37 Missouri
18.07 Osage County

Suicide

16.46 Missouri
22.4 Osage County

Drug-Induced Death
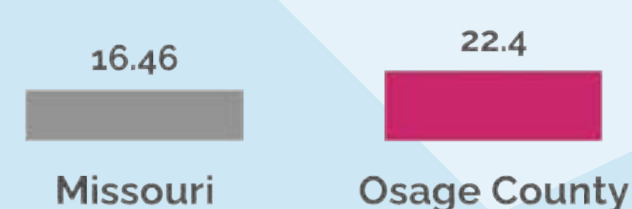
20.51 Missouri
10.02 Osage County
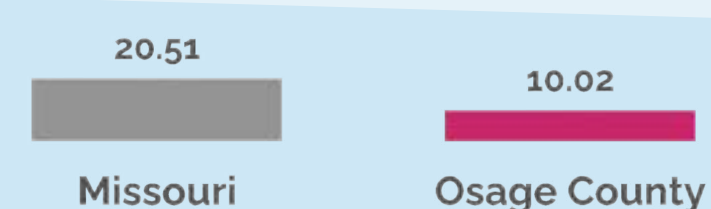
Sources:
1. Missouri Department of Health and Senior Services. (2022). Birth MICA, 2013-2020.
2. Missouri Department of Health and Senior Services. (2022). Missouri Resident Death - Leading Causes Profile, 2009-2019.

Education

High School Graduation Rate

Year	Rate
2013	97%
2014	96%
2015	96%
2016	95%
2017	96%
2018	95%
2019	97%
2020	98%
2021	99%
2022	94%

High School Graduate Placements

Legend: 2017 · 2018 · 2019 · 2020 · 2021 · 2022

Entering a 4yr. college/university: 47%, 39%, 42%, 36%, 41%, 37%

Entering a 2 yr. college: 29%, 35%, 37%, 34%, 33%, 41%

Entering a postsecondary (technical) institution: 0%, 1%, 2%, 2%, 7%, 1%

Entering employment: 17%, 14%, 16%, 18%, 13%, 16%

Entering military: 5%, 5%, 2%, 5%, 3%, 2%

Educational Attainment
Adults Over Age 25

Category	Percent
Less than high school	8%
High school graduate (includes equivalency)	42%
Some college or Associate's degree	28%
Bachelor's degree	16%
Graduate or professional degree	5%

Median Earnings by Educational Attainment
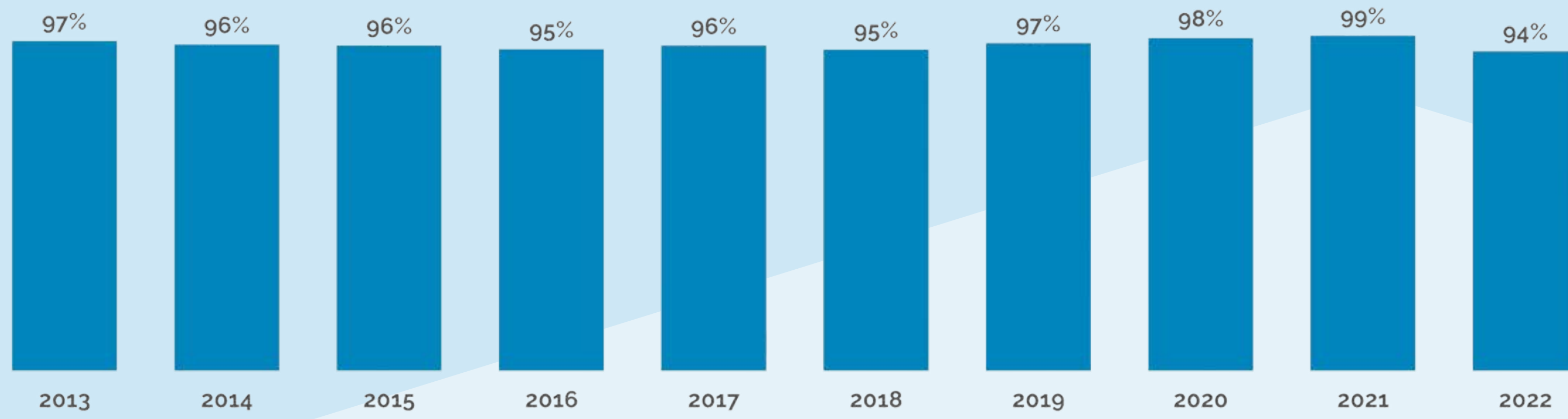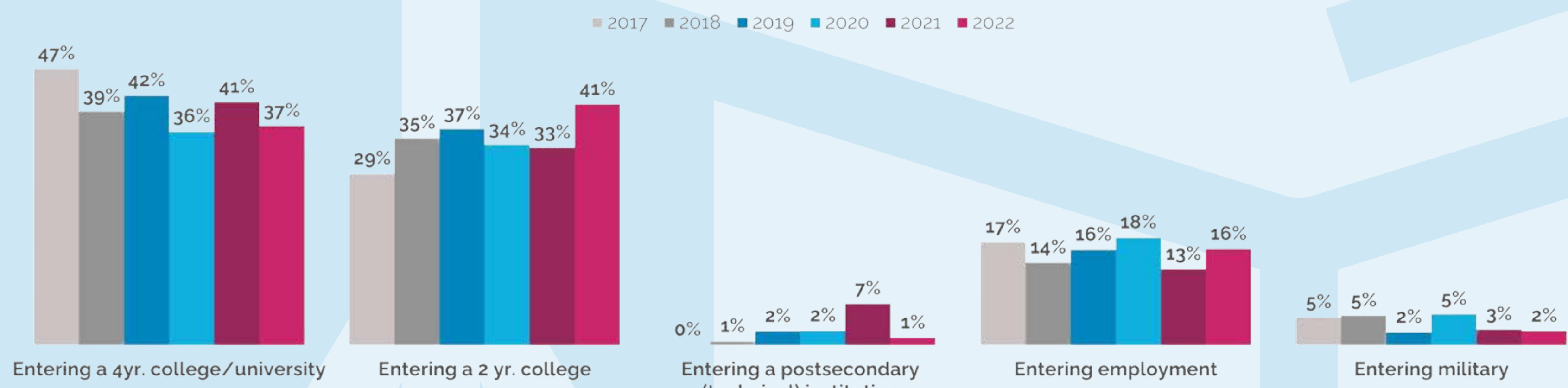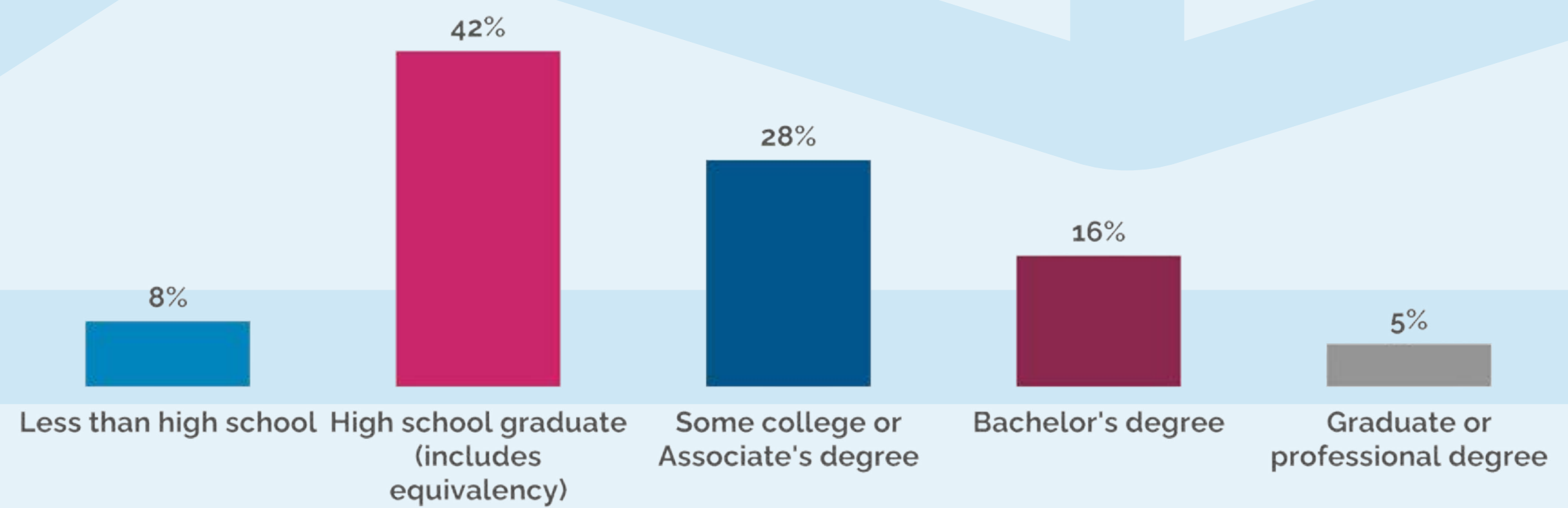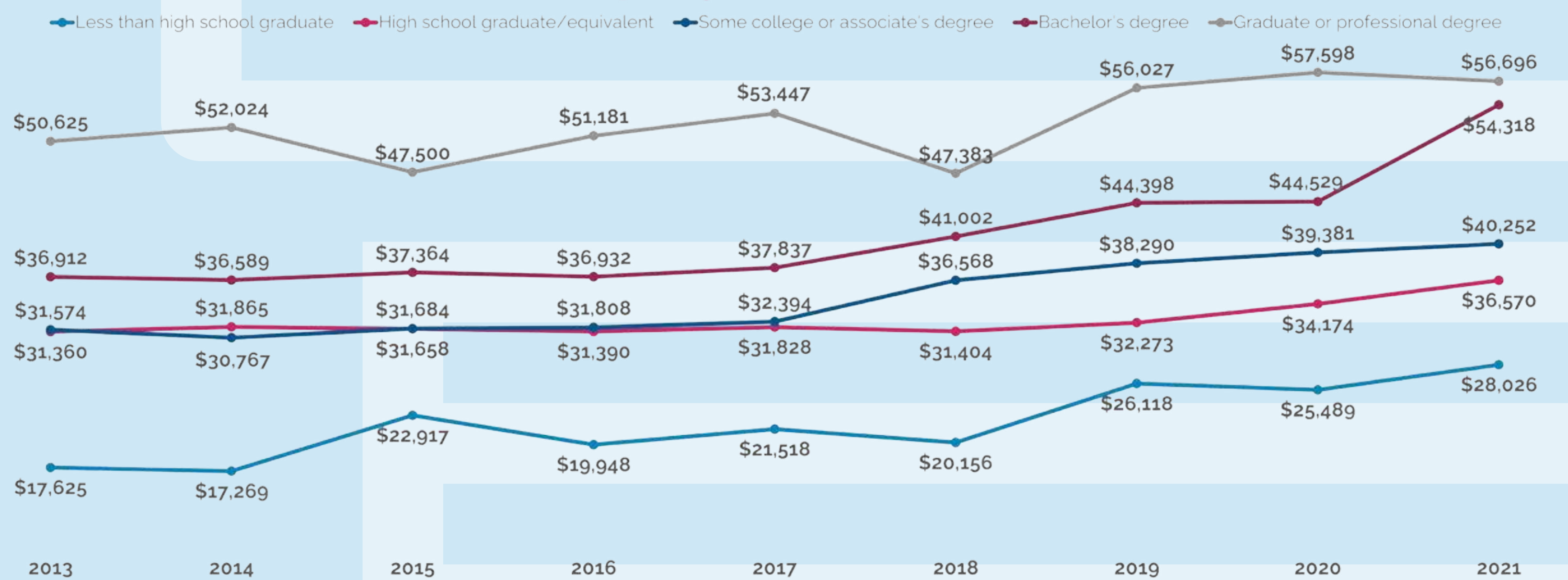
Legend: Less than high school graduate · High school graduate/equivalent · Some college or associate's degree · Bachelor's degree · Graduate or professional degree

Year	Less than high school graduate	High school graduate/equivalent	Some college or associate's degree	Bachelor's degree	Graduate or professional degree
2013	$17,625	$31,360	$31,574	$36,912	$50,625
2014	$17,269	$30,767	$31,865	$36,589	$52,024
2015	$22,917	$31,658	$31,684	$37,364	$47,500
2016	$19,948	$31,390	$31,808	$36,932	$51,181
2017	$21,518	$31,828	$32,394	$37,837	$53,447
2018	$20,156	$31,404	$36,568	$41,002	$47,383
2019	$26,118	$32,273	$38,290	$44,398	$56,027
2020	$25,489	$34,174	$39,381	$44,529	$57,598
2021	$28,026	$36,570	$40,252	$54,318	$56,696

Sources:
1. Missouri Department of Elementary and Secondary Education, Missouri Comprehensive Data System. (2022). District Adjusted Cohort 4-Year Graduation Rates, 2013-2022.
2. Missouri Department of Elementary and Secondary Education, Missouri Comprehensive Data System. (2022). District Report Card, 2012-2022.
3. U.S. Census Bureau. (2022). 2021: American Community Survey 5-Year Estimates Data Profiles, Table DP02.
4. U.S. Census Bureau. (2022). 2021: American Community Survey 5-Year Estimates Detailed Tables, Table B20004.
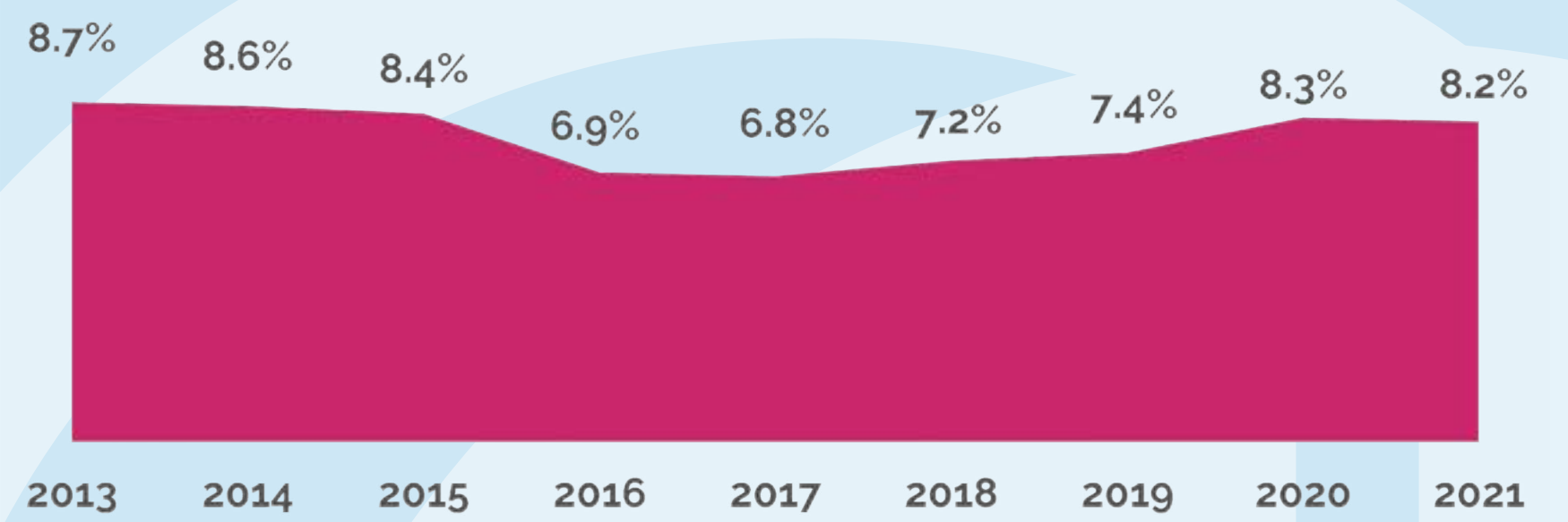
Income
Poverty Rates & Income Supports

Household Poverty Rate

9.9% 9.6% 8.9% 7.3% 6.9% 7.1% 7.1% 8.7% 9.0%

2013 2014 2015 2016 2017 2018 2019 2020 2021
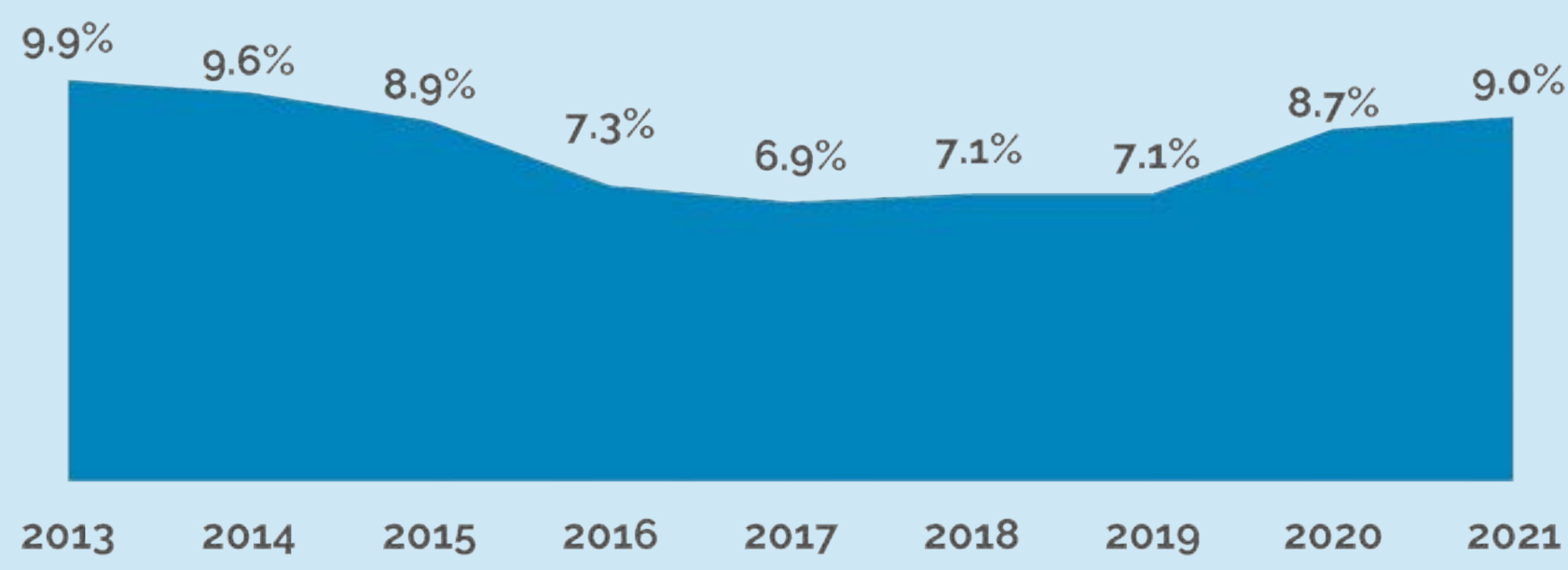
Household Poverty Rate refers to the number of households living in poverty as percentage of all households.

General Poverty Rate

8.7% 8.6% 8.4% 6.9% 6.8% 7.2% 7.4% 8.3% 8.2%

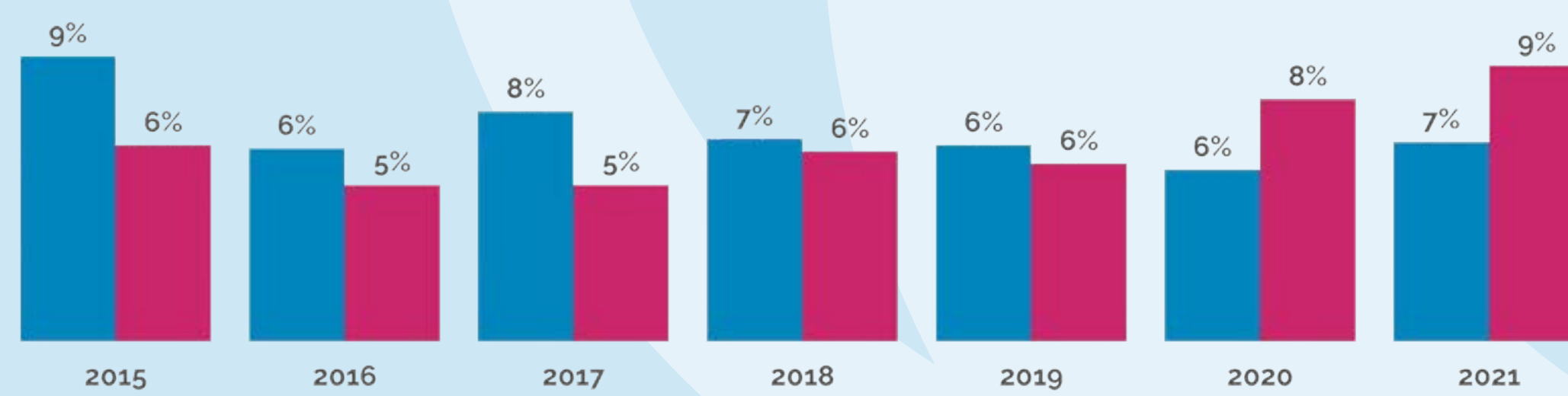2013 2014 2015 2016 2017 2018 2019 2020 2021

General Poverty Rate refers to the number of individuals living in poverty as a percentage of all individuals.

General Poverty Rate by Age Category
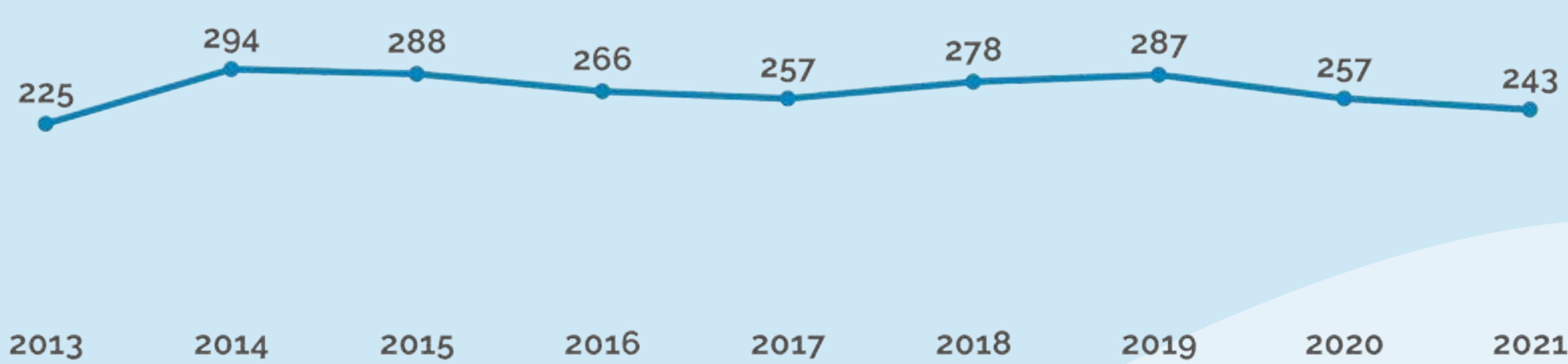
■ Children under age 5   ■ Adults 65 and over

Year	Children under age 5	Adults 65 and over
2015	9%	6%
2016	6%	5%
2017	8%	5%
2018	7%	6%
2019	6%	6%
2020	6%	8%
2021	7%	9%

Households with Supplemental Security Income (SSI)

225 294 288 266 257 278 287 257 243

2013 2014 2015 2016 2017 2018 2019 2020 2021

Supplemental Security Income (SSI) is a monthly payment to adults and children with a disability or blindness who meet certain income qualifications. SSI payments are also made to people aged 65 or older without disabilities who meet the income qualifications.

Individuals Receiving SNAP (Food Stamps)
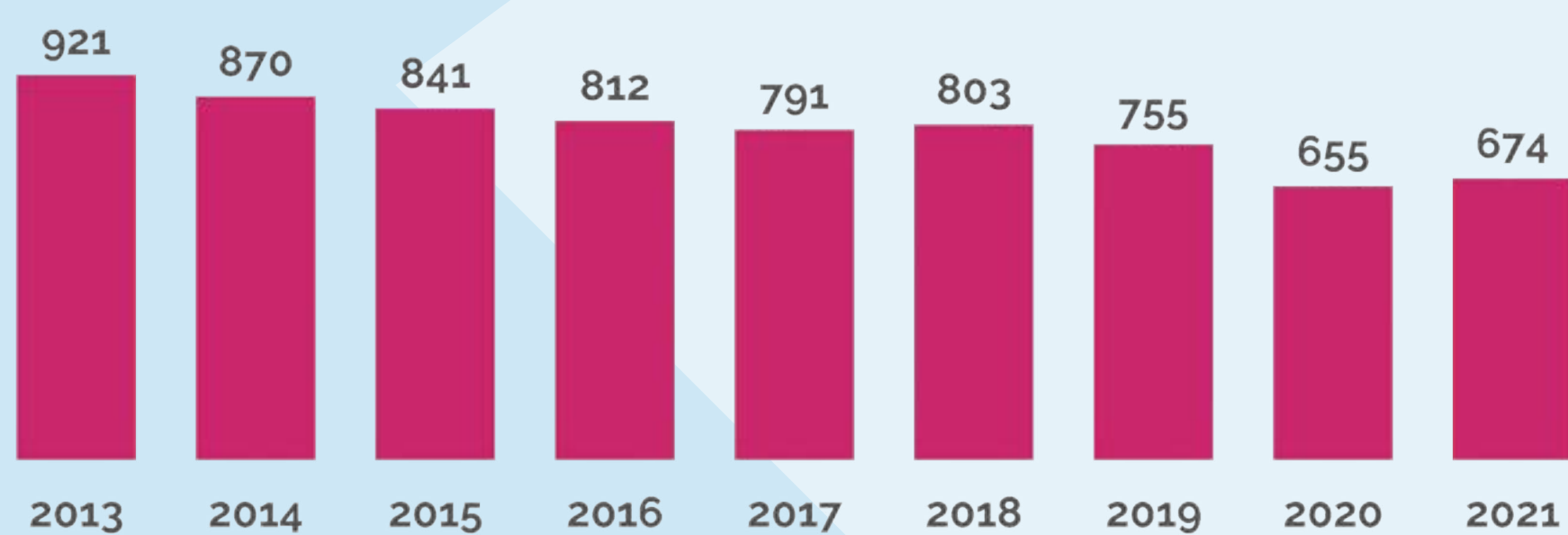
921 870 841 812 791 803 755 655 674

2013 2014 2015 2016 2017 2018 2019 2020 2021

SNAP refers to the Supplemental Nutrition Assistance Program, also known as food stamps. According to the U.S. Food & Nutrition Service, "SNAP provides nutrition benefits to supplement the food budget of needy families so they can purchase healthy food and move toward self-sufficiency."

Individuals Receiving TANF

67 76 69 44 16 13 18 19 21

2013 2014 2015 2016 2017 2018 2019 2020 2021
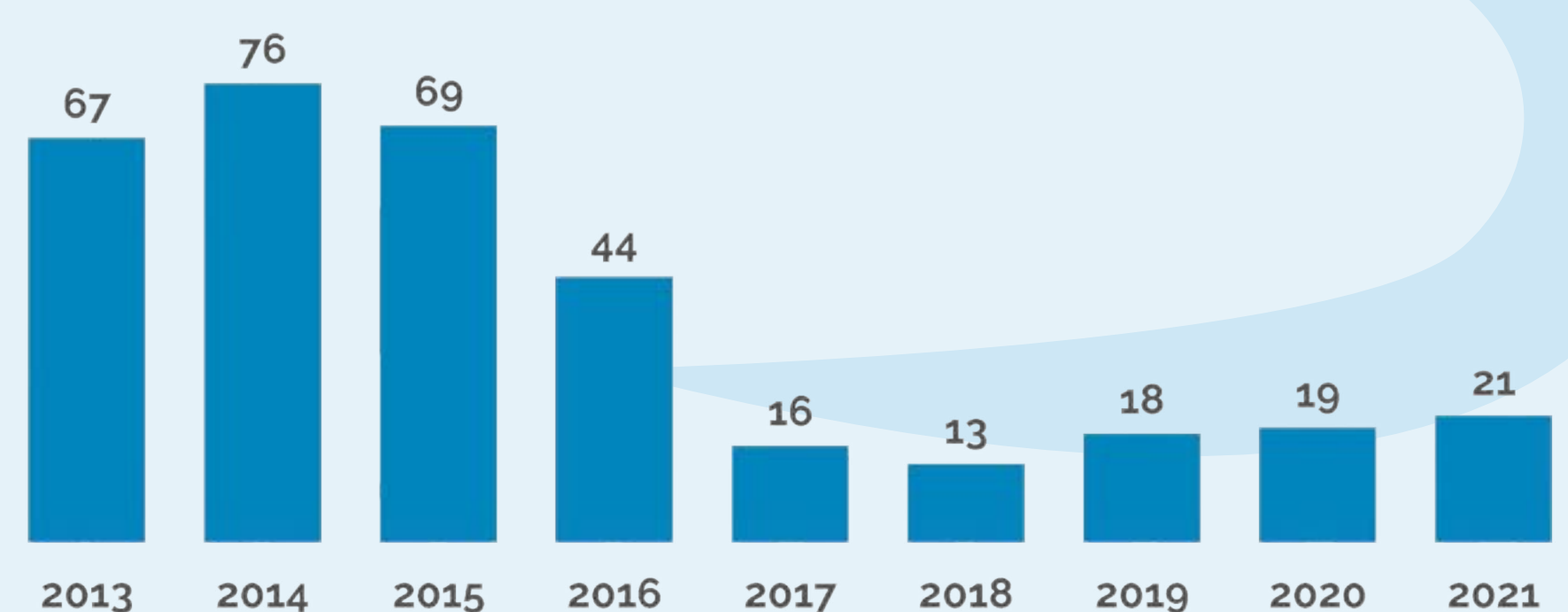
Temporary Assistance for Needy Families (TANF) is a program that provides temporary monthly cash assistance to eligible low-income families with children.

Sources:
1. U.S. Census Bureau. (2022). 2013-2021: American Community Survey5-Year Estimates Subject Tables, Table S2201.
2. U.S. Census Bureau. (2022). 2013-2021: American Community Survey 5-Year Estimates Subject Tables, Table S1701.
3. U.S. Census Bureau. (2022). 2021: American Community Survey 5-Year Estimates Subject Tables, Table S1903.
4. U.S. Census Bureau. (2022). 2013-2021: American Community Survey 5-Year Estimates Data Profiles, Table DP03.
5. Missouri Department of Social Services (2022). Missouri Family Support Division Annual Report, FY2013-2021.

Income
Earned & Living Wage

Annual Average Wage

$28,254 $30,338 $32,075 $33,817 $34,107 $35,914 $36,328 $39,787 $41,989

2013   2014   2015   2016   2017   2018   2019   2020   2021
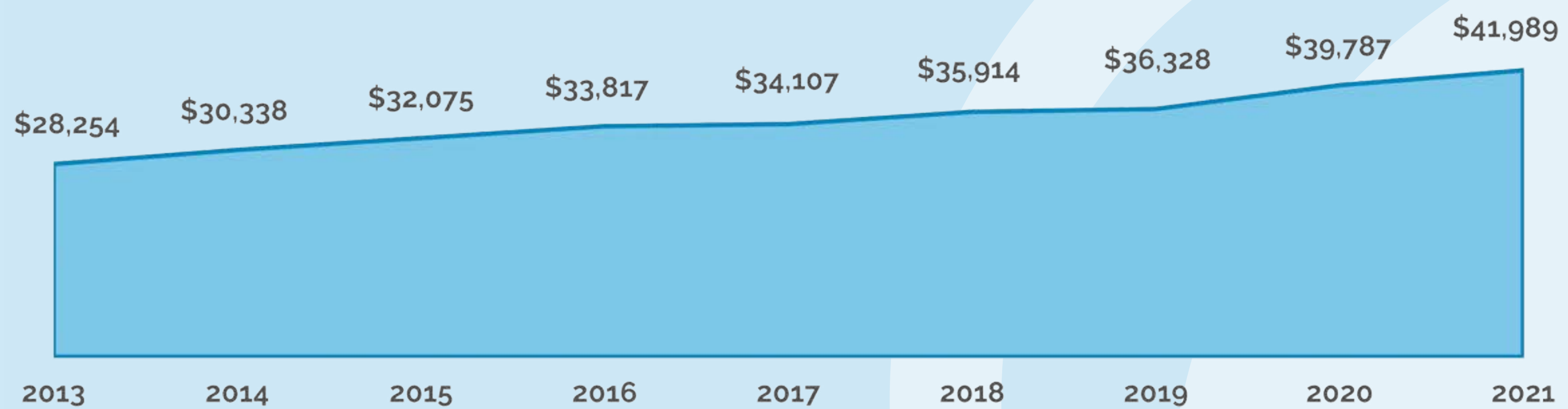
Average Hourly Wage vs. Minimum Wage
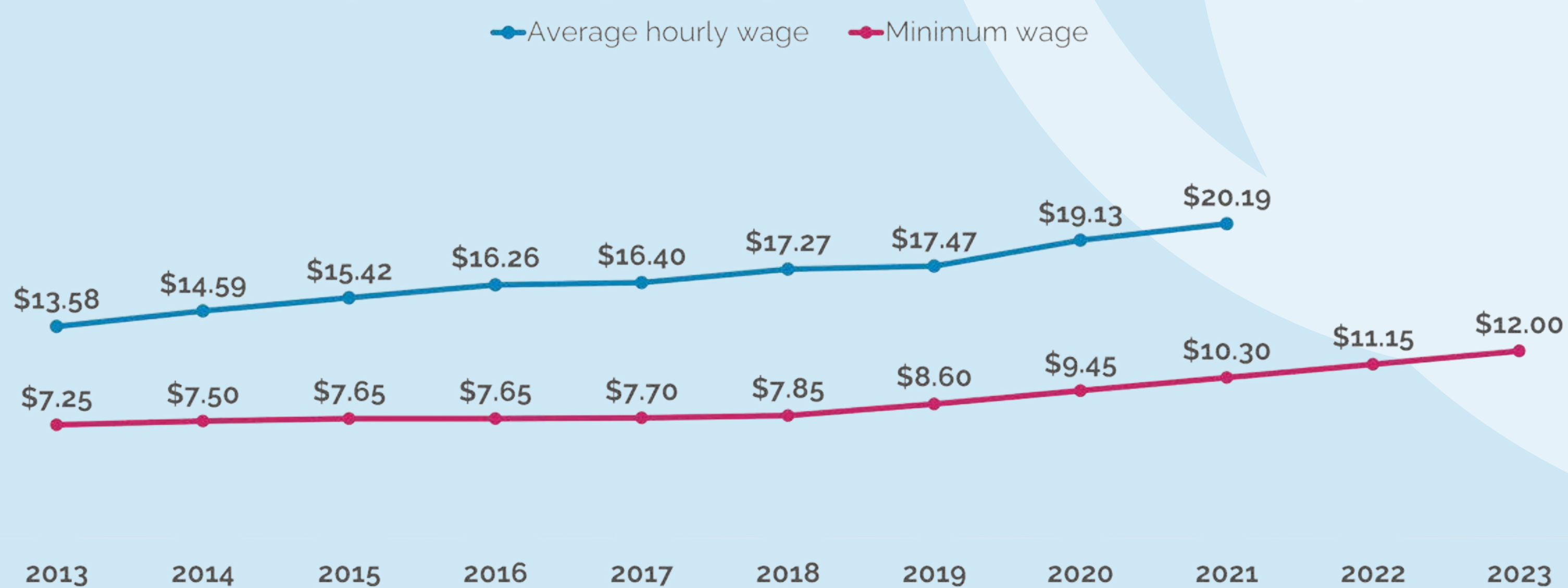
→ Average hourly wage   → Minimum wage

Average hourly wage: $13.58 $14.59 $15.42 $16.26 $16.40 $17.27 $17.47 $19.13 $20.19

Minimum wage: $7.25 $7.50 $7.65 $7.65 $7.70 $7.85 $8.60 $9.45 $10.30 $11.15 $12.00

2013   2014   2015   2016   2017   2018   2019   2020   2021   2022   2023

Living Wage

Household Composition	Living Wage
One adult, no child	$14.86
One adult, one child	$29.59
One adult, two children	$36.47
Two adults (both working), no child	$12.22
Two adults (both working), one child	$16.73
Two adults (both working), two children	$20.47

Living wage is the amount each adult in a household must earn in order to meet basic needs.

Sources:
1. U.S. Bureau of Labor Statistics. (2022). Local Area Unemployment Statistics, Annual Average County Data, Labor force data by county, 2013-2021 annual averages. Accessed through Missouri Economic Research & Information Center, Data Request.
2. Imputed from U.S. Bureau of Labor Statistics. (2022). Local Area Unemployment Statistics, Annual Average County Data, Labor force data by county, 2013-2021 annual averages. Accessed through Missouri Economic Research & Information Center, Data Request.
3. Glasmeier, Amy K. Living Wage Calculator. 2022. Massachusetts Institute of Technology.

Employment
Employment & Entrepreneurship

Labor Force Participation Rate

■ Missouri ■ Osage Percent/Rate

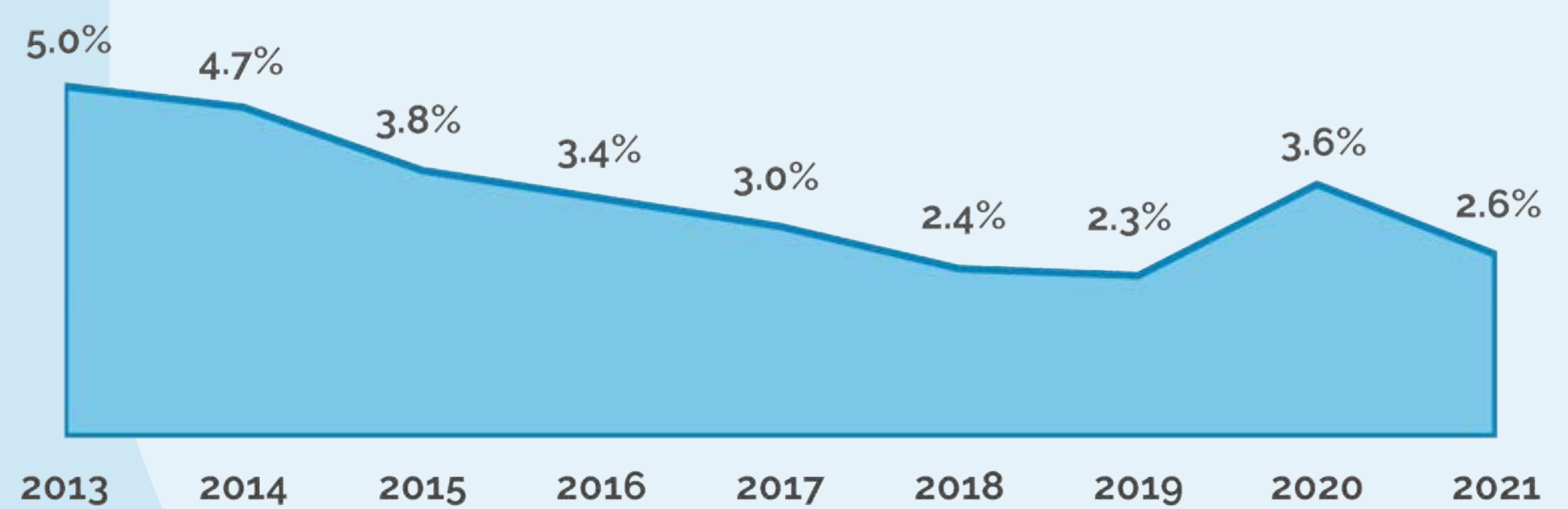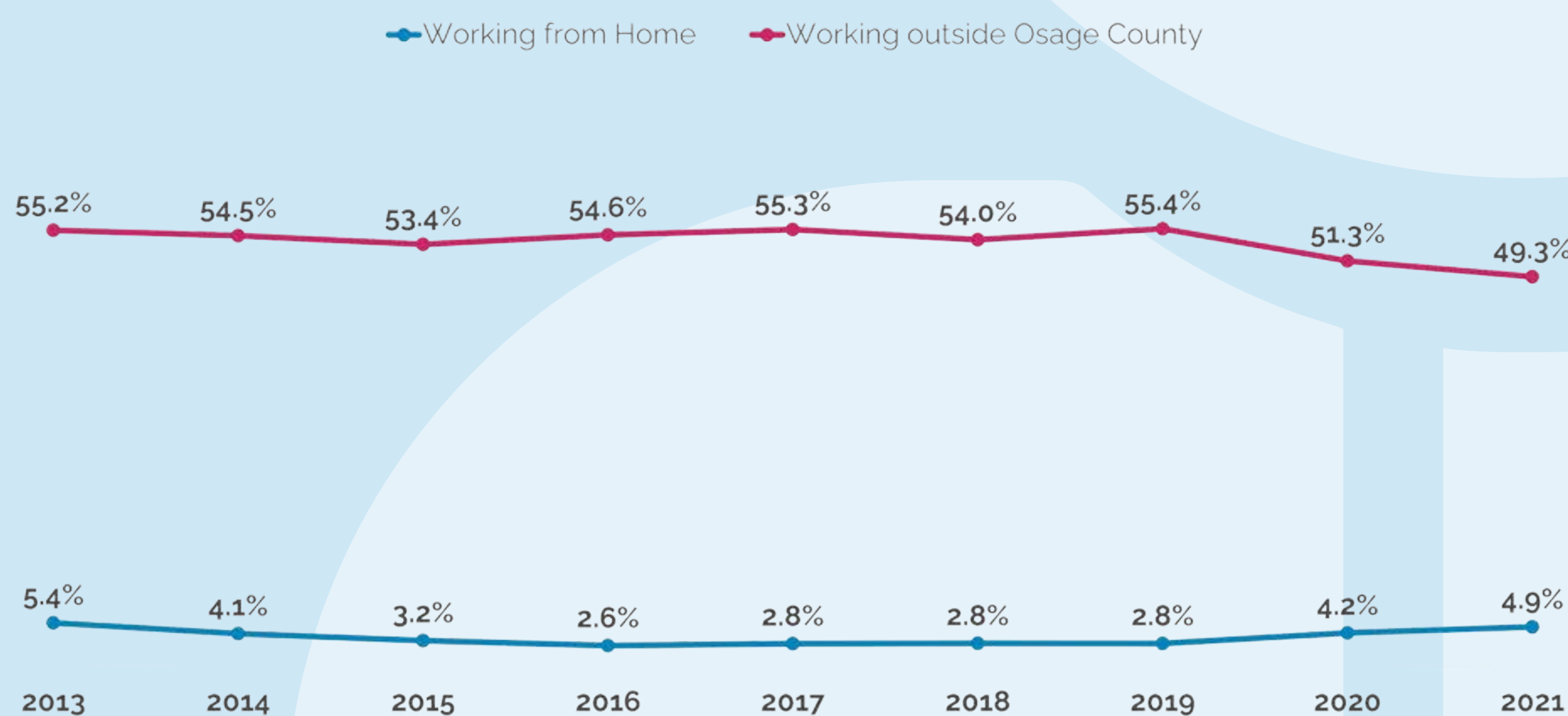| Year	Missouri	Osage
2013	63%	64%
2014	63%	63%
2015	63%	64%
2016	63%	64%
2017	63%	66%
2018	63%	66%
2019	64%	66%
2020	64%	62%
2021	64%	64%
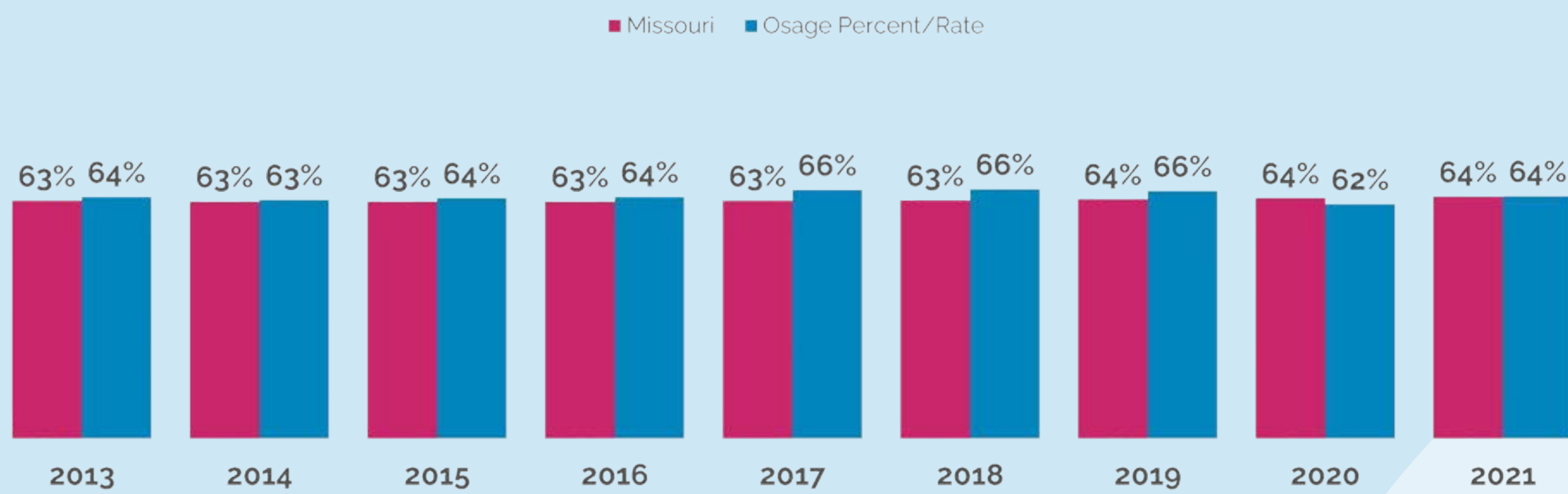
The **labor force participation rate** represents the percentage of the population that are either working, or unemployed and looking for work. It does not include those who are unable to work, or those who are unemployed and not looking for work.

Unemployment Rate

The **unemployment rate** represents the number of unemployed people as a percentage of the labor force. It does not include people who are not in the labor force (i.e., those who are not working or not looking for work.)

Year	Rate
2013	5.0%
2014	4.7%
2015	3.8%
2016	3.4%
2017	3.0%
2018	2.4%
2019	2.3%
2020	3.6%
2021	2.6%

Selected Worker Characteristics

→ Working from Home → Working outside Osage County

Working outside Osage County:
Year	%
2013	55.2%
2014	54.5%
2015	53.4%
2016	54.6%
2017	55.3%
2018	54.0%
2019	55.4%
2020	51.3%
2021	49.3%

Working from Home:
Year	%
2013	5.4%
2014	4.1%
2015	3.2%
2016	2.6%
2017	2.8%
2018	2.8%
2019	2.8%
2020	4.2%
2021	4.9%

New Business Applications

New business applications refers to the number of applications for an Employer Identification Number (EIN). These numbers are typically associated with starting a new employer business, and help assess the state of early entrepreneurship at a local level.

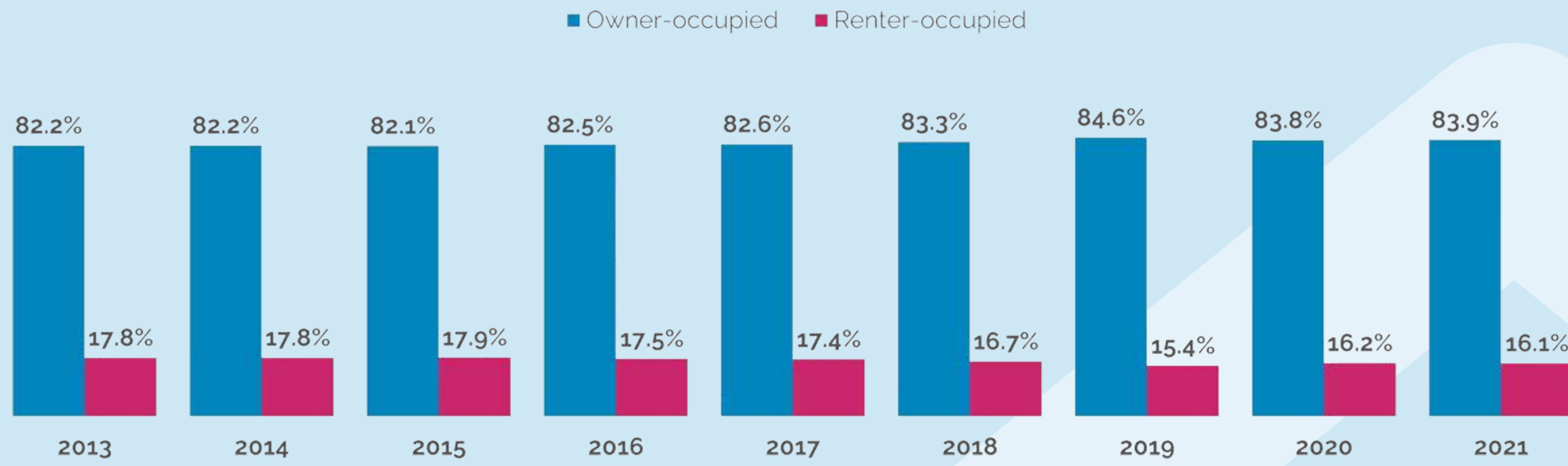| Year	Applications
2013	62
2014	89
2015	62
2016	74
2017	46
2018	45
2019	90
2020	59
2021	90
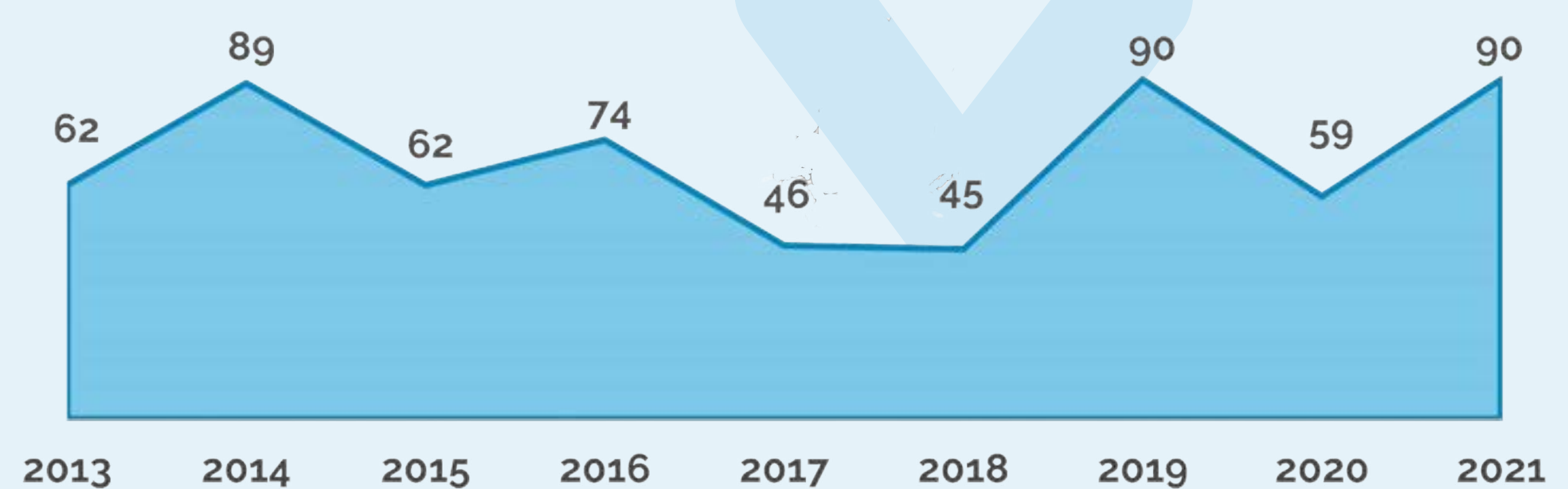
Sources:
1. U.S. Census Bureau. (2022). 2013-21: American Community Survey 5-Year Estimates Subject Tables, Table S2301.
2. U.S. Bureau of Labor Statistics. (2022). Local Area Unemployment Statistics, Annual Average County Data, Labor force data by county, 2013-2021 annual averages.
3. Percentages imputed from U.S. Census Bureau. (2022). 2013-2021: American Community Survey 5-Year Estimates Detail Tables, Table B08301.
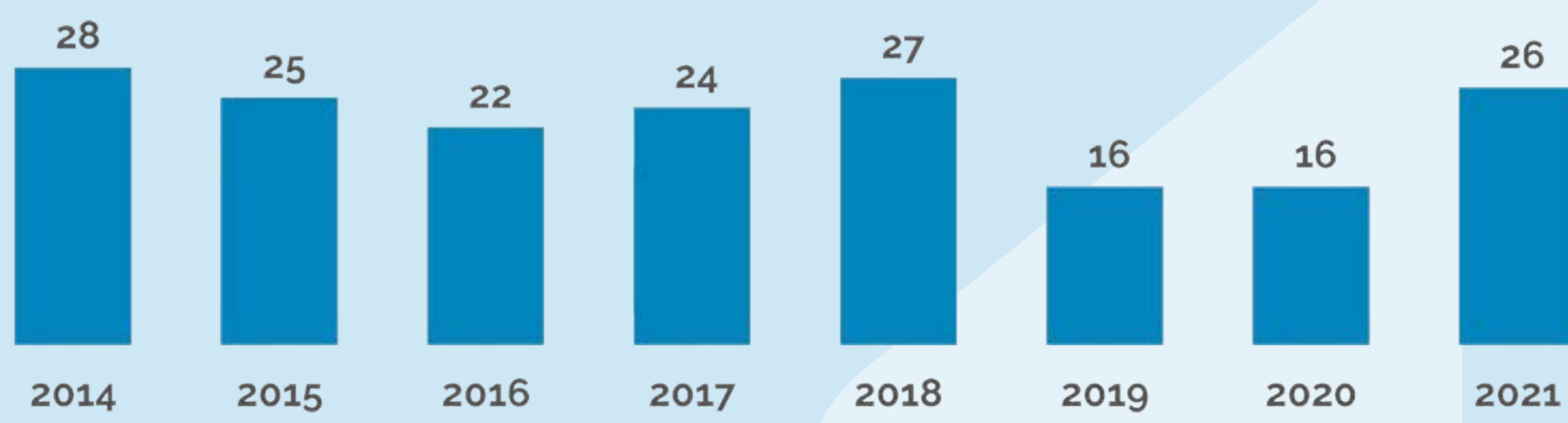4. U.S. Census Bureau. (2022). 2013-2021: American Community Survey 5-Year Estimates Subjects Tables, Table S0802.
5. U.S. Census Bureau. (2022). Business Applications by County, 2013-2021.

Housing
## Tenure & Homelessness

Owner-Occupied vs. Renter-Occupied Homes

■ Owner-occupied   ■ Renter-occupied

Year	Owner-occupied	Renter-occupied
2013	82.2%	17.8%
2014	82.2%	17.8%
2015	82.1%	17.9%
2016	82.5%	17.5%
2017	82.6%	17.4%
2018	83.3%	16.7%
2019	84.6%	15.4%
2020	83.8%	16.2%
2021	83.9%	16.1%

HUD Subsidized Housing Units

2014	2015	2016	2017	2018	2019	2020	2021
28	25	22	24	27	16	16	26

HUD Subsidized Housing Units refers to housing units that are made affordable through subsidies from the U. S. Department of Housing & Urban Development (HUD). This includes public housing, tenant-based housing, and privately owned, project-based housing. The subsidies are used to supplement the rent paid by low-income households.

Vacant Housing Units

2013	2014	2015	2016	2017	2018	2019	2020	2021
21%	22%	22%	23%	23%	23%	23%	21%	20%
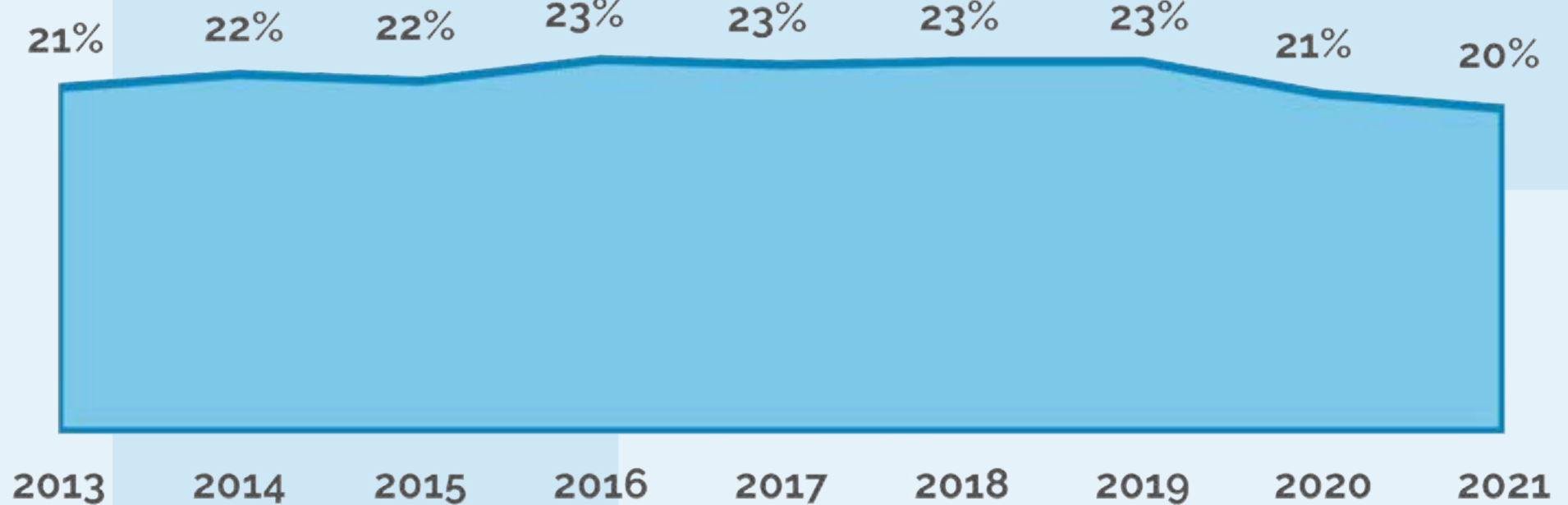
Note: Not all vacant homes are suitable for habitation.

Homeless Population
Balance of State, Region 5

Total: 533

Unsheltered 74

Sheltered 459

A Point in Time Count is the number of sheltered and unsheltered homeless people on a given day. This number is believed to under-represent the true homeless population.

This count occurs across several regions throughout the state of Missouri. Homeless counts for Osage County are included in the counts for the Balance of State Region 5.

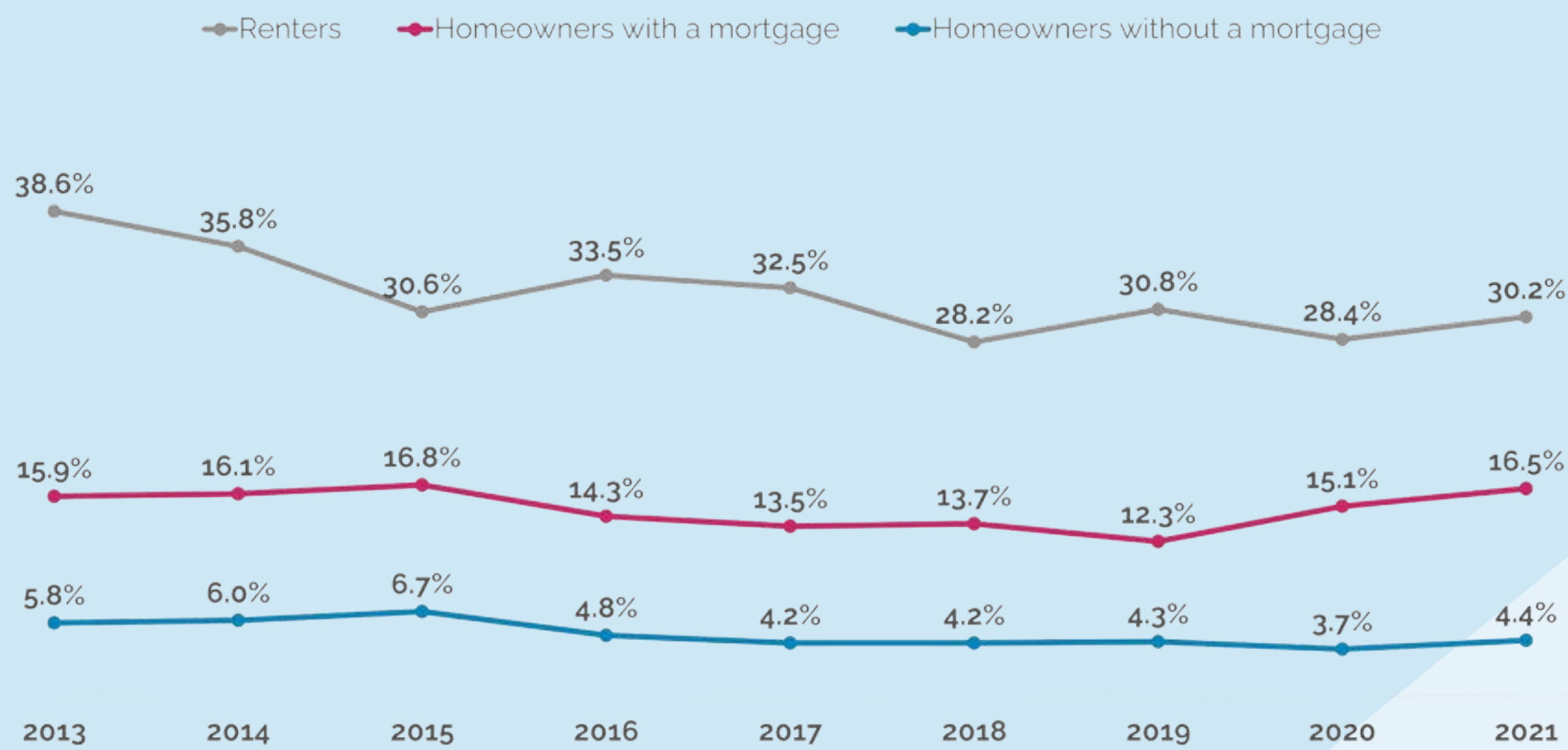| Special Populations	Count
Chronically homeless	134
Mental illness	180
Substance use disorder	131
Survivors of domestic violence	77
Unaccompanied youth	23
Veterans	64

Sources:
1. U.S. Census Bureau. (2022). 2013-2021: American Community Survey 5-Year Estimates Data Profiles, Table DP04.
2. U.S. Census Bureau. (2022). 2013-2021: American Community Survey 5-Year Estimates Subject Tables, Table S2502.
3. Missouri Balance of State Continuum of Care. (2022). Point in Time Count, Region 5.

Housing
Housing Affordability

Households Paying More than 30% of Income on Housing Expenses

→ Renters   → Homeowners with a mortgage   → Homeowners without a mortgage

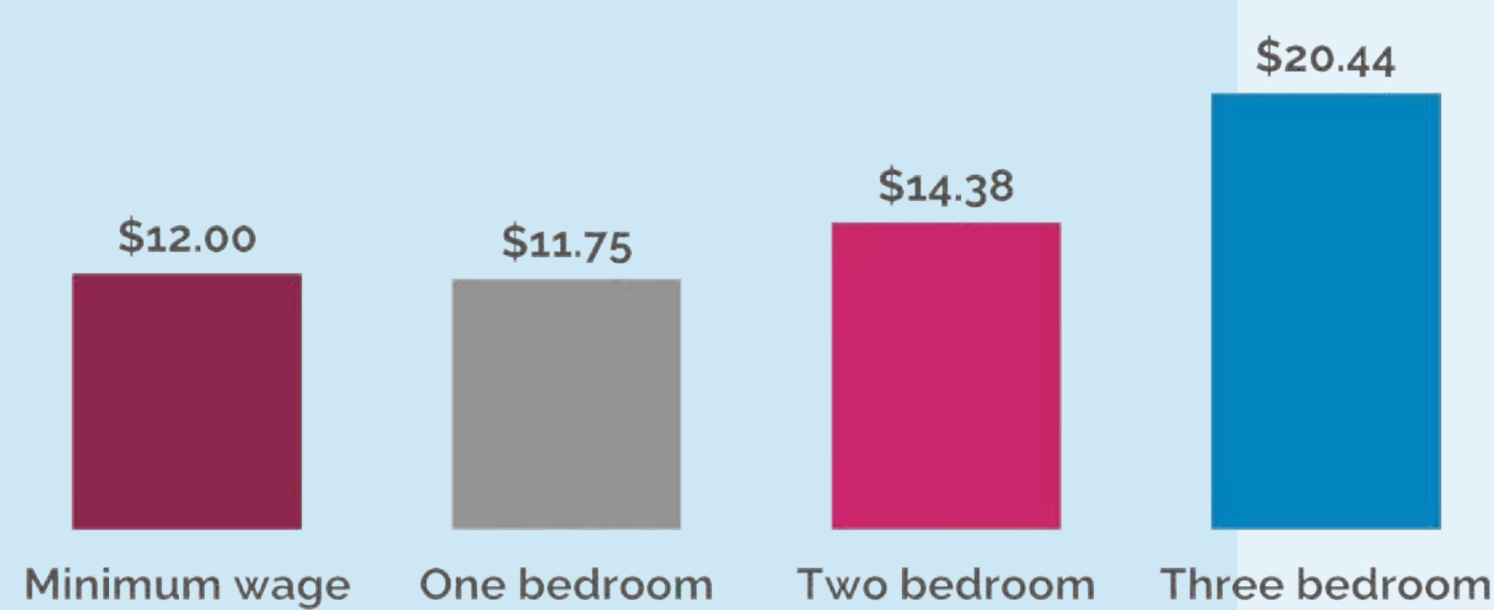|	2013	2014	2015	2016	2017	2018	2019	2020	2021
Renters	38.6%	35.8%	30.6%	33.5%	32.5%	28.2%	30.8%	28.4%	30.2%
Homeowners with a mortgage	15.9%	16.1%	16.8%	14.3%	13.5%	13.7%	12.3%	15.1%	16.5%
Homeowners without a mortgage	5.8%	6.0%	6.7%	4.8%	4.2%	4.2%	4.3%	3.7%	4.4%

Households paying 30% or more of their income on housing expenses are considered to be **housing cost burdened**. Housing expenses include rent or mortgage payments, utilities, and insurance. Households who are housing cost burdened are at risk for utility shutoff, eviction, and foreclosure.
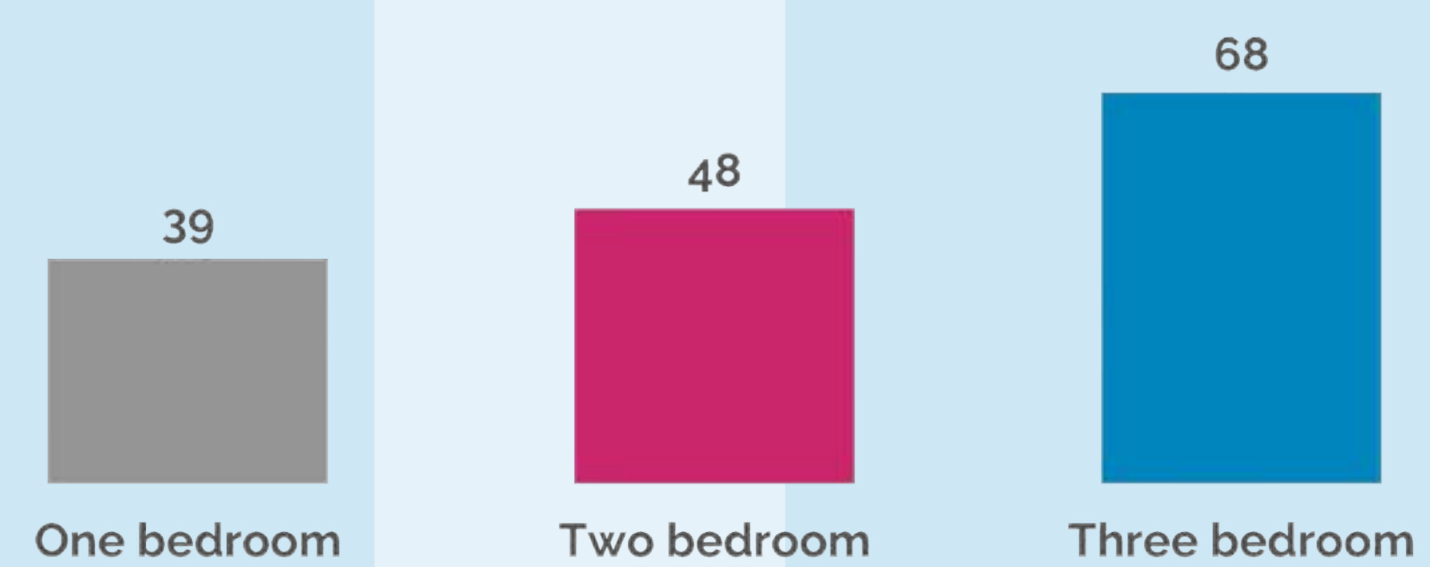
Fair Market Rent by Bedroom Size

→ One bedroom   → Two bedroom   → Three bedroom

Fair market rent (FMR) is the monthly amount of rent a property is likely to receive in a particular area.

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Three bedroom	$828	$890	$841	$918	$942	$937	$934	$967	$964	$986	$1,063
Two bedroom	$595	$639	$604	$630	$647	$644	$646	$670	$678	$694	$748
One bedroom	$440	$472	$446	$476	$495	$495	$502	$525	$546	$565	$611

Hourly Wage Needed to Afford a FMR Unit

Minimum wage	One bedroom	Two bedroom	Three bedroom
$12.00	$11.75	$14.38	$20.44

Hours of Work per Week at Minimum Wage Needed to Afford a FMR Unit

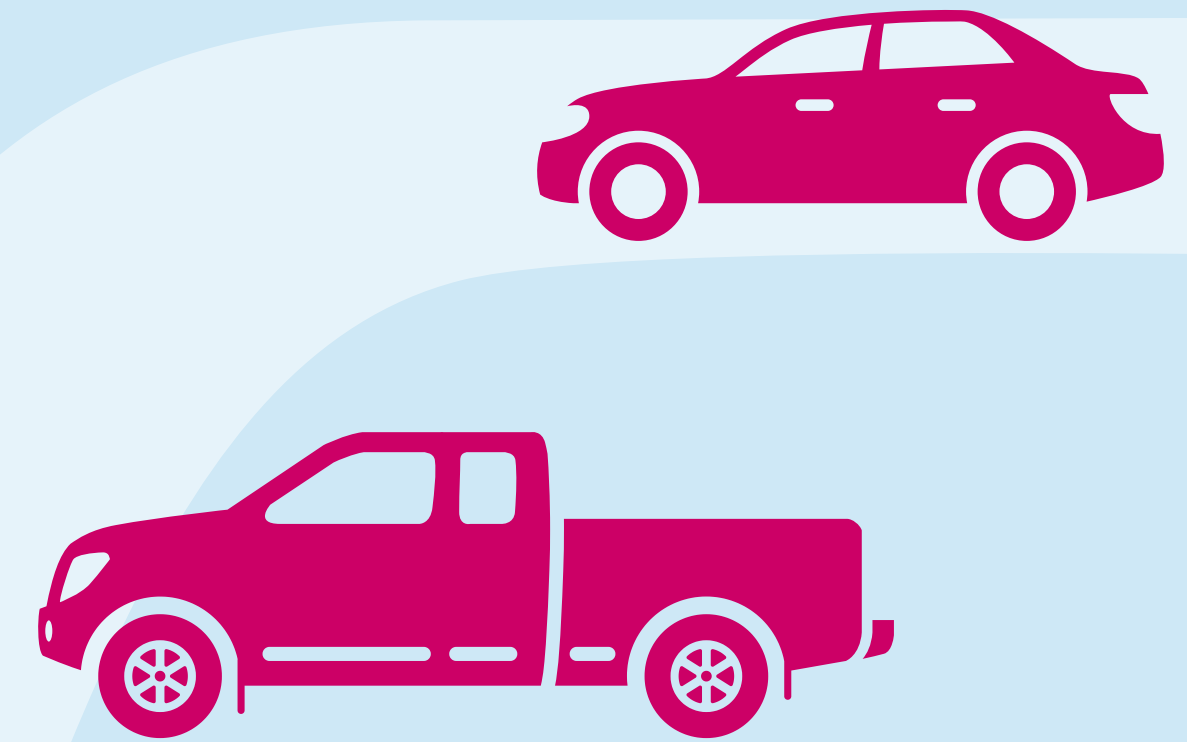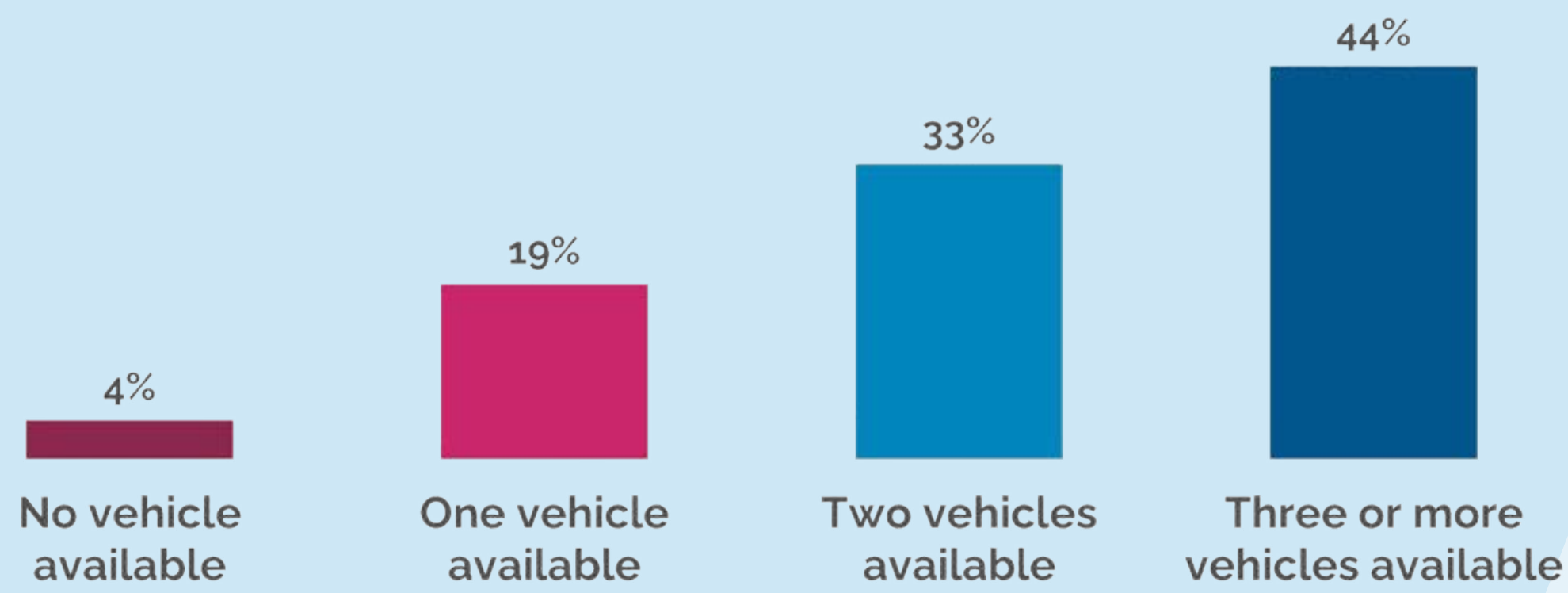| One bedroom	Two bedroom	Three bedroom
39	48	68

A **housing wage** is the hourly wage needed to afford a Fair Market Unit in a particular geographic area. This reflects the hourly wage needed to keep housing expenses under the recommended 30% of total income.
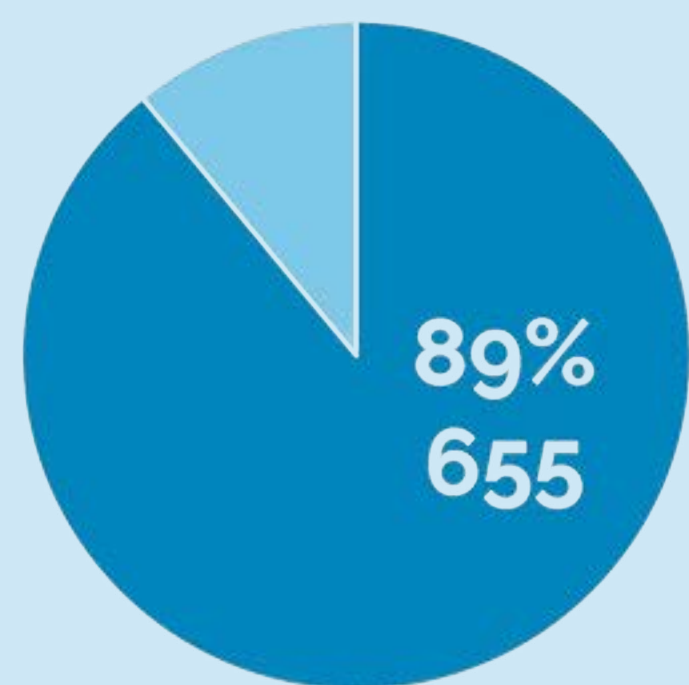
Sources:
1. Imputed from U.S. Census Bureau. (2022). 2021: American Community Survey 5-Year Estimates Data Profiles, Table DP04.
2. U.S. Dept. of Housing and Urban Development, Office of Policy Development and Research. (2022). FY 2013-2023 Final Fair Market Rents Documentation System.
3. Imputed from U.S. Dept. of Housing and Urban Development, Office of Policy Development and Research. (2022). FY 2023 Final Fair Market Rents Documentation System, using methodology from National Low Income Housing Coalition. (2022). Out of Reach: 2020: Missouri. Source geography: County.

Social Characteristics
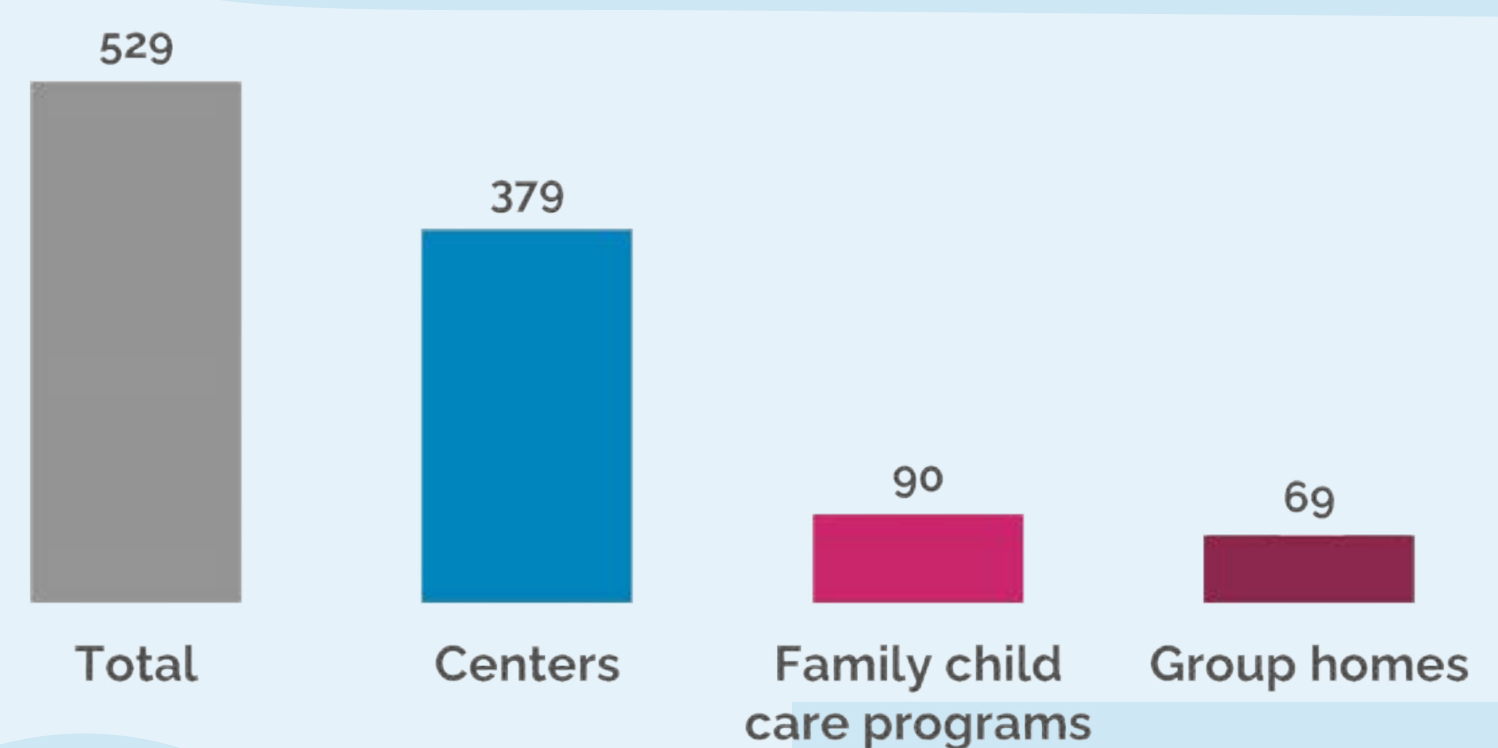## Transportation & Child Care
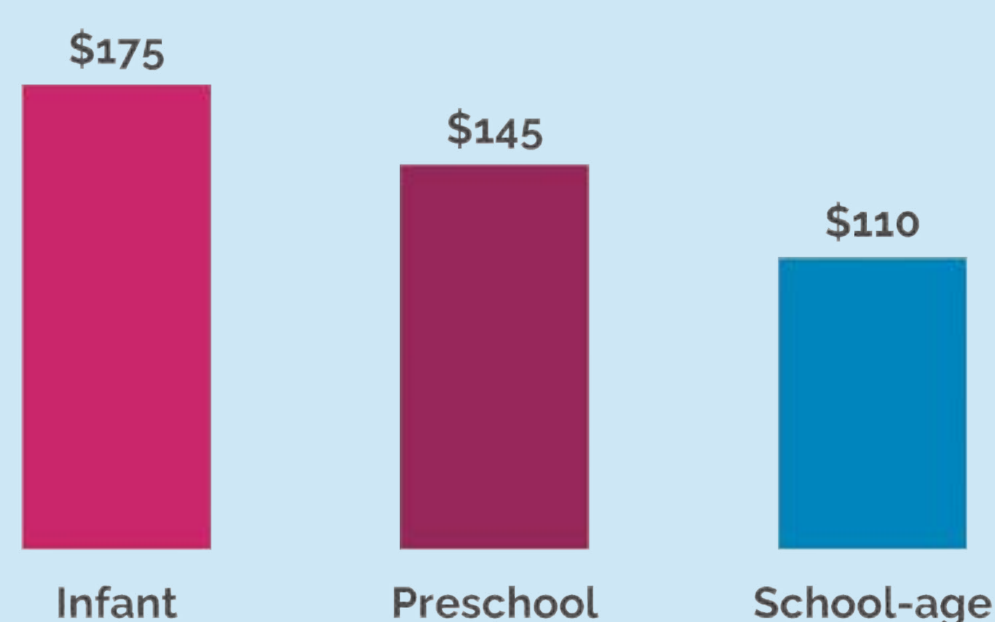
Number of Vehicles per Household

4%
No vehicle available

19%
One vehicle available

33%
Two vehicles available

44%
Three or more vehicles available

Children Under Age 6 with All Parents in the Labor Force

89%
655

Licensed Child Care Capacity

529
Total

379
Centers

90
Family child care programs

69
Group homes

Child Care Costs
Average Weekly Rate for Full-Day, Center-Based Care

$175
Infant

$145
Preschool

$110
School-age

Licensed Child Care Providers Accepting Child Care Subsidy

42%
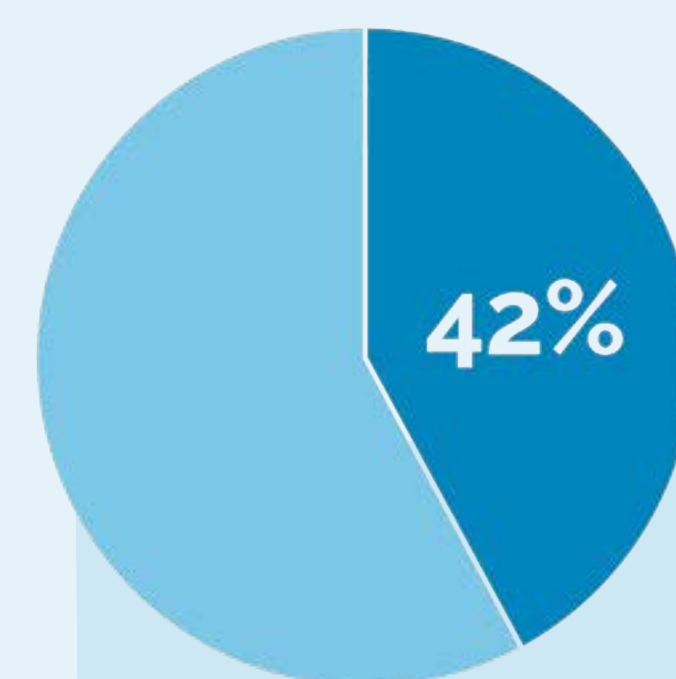
Child care subsidy is a public benefit program that assists eligible parents/guardians with payments for child care.

Sources:
1. U.S. Census Bureau. (2022). 2021: American Community Survey 5-Year Estimates Subject Tables, Table S2504.
2. U.S. Census Bureau. (2022). 2021: American Community Survey 5-Year Estimates Data Profiles, Table DP03.
3. U.S. Census Bureau. (2022). 2021: American Community Survey 5-Year Estimates Data Profiles, Table DP05.
4. Child Care Aware of Missouri (2023). Missouri County Supply Reports.
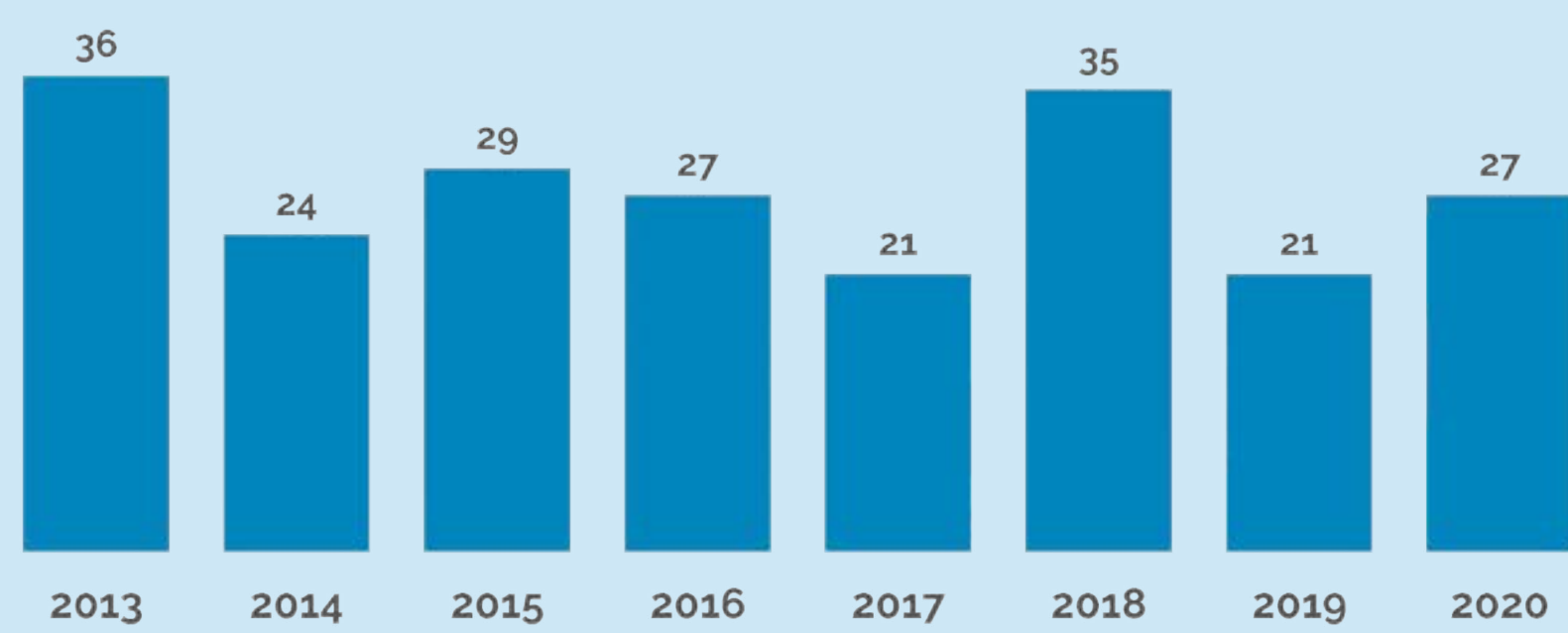
Social Characteristics
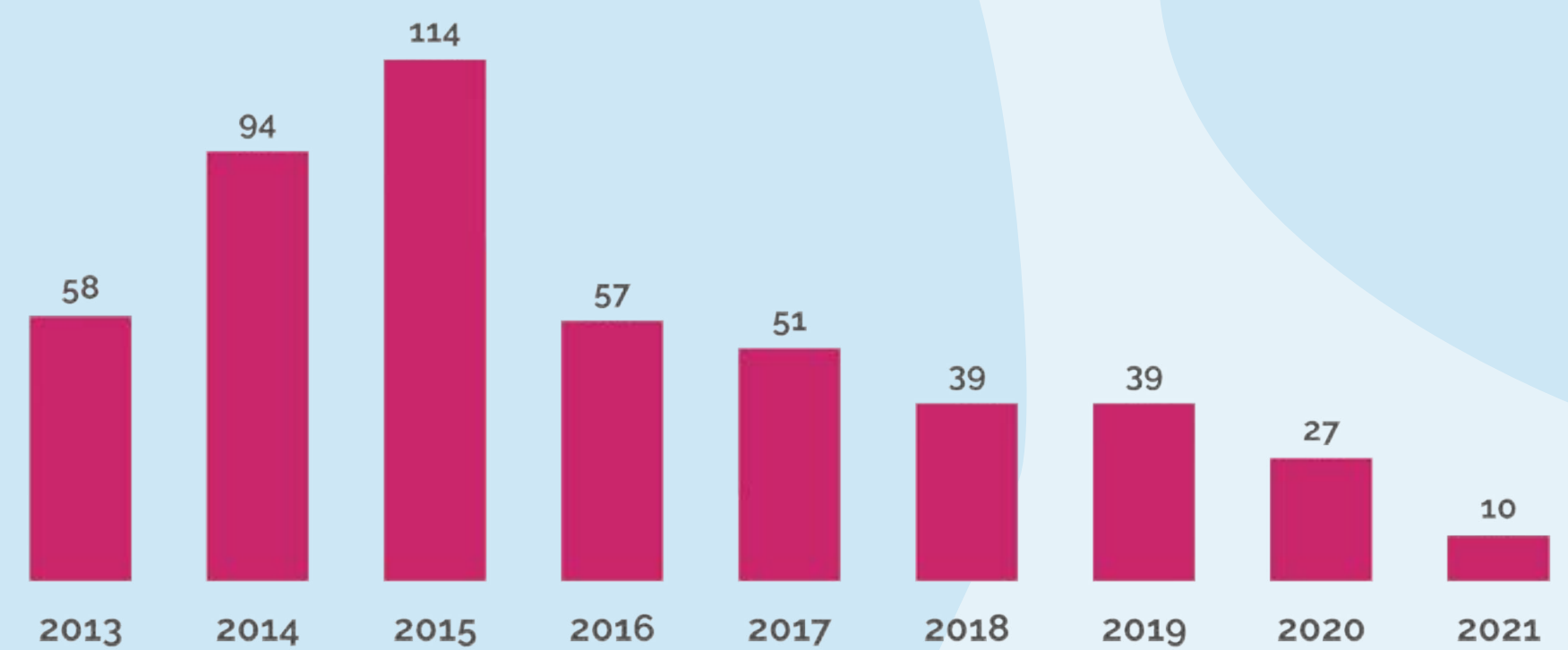## Crime Rate & Child Abuse/Neglect

Reported Crimes by Type
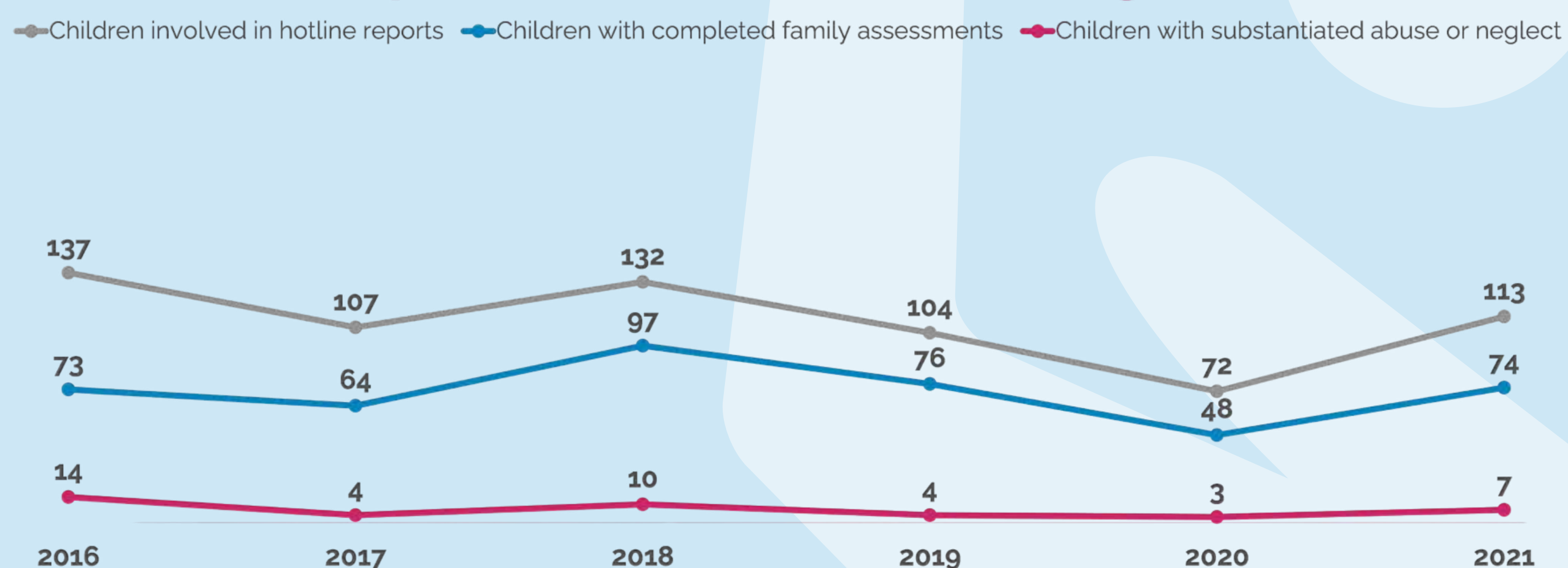### (Crime Rate per 1,000)
- Violent Crime
- Property Crime

	2017	2018	2019	2020	2021
Property Crime	6.45	6.09	6.58	11.27	3.41
Violent Crime	0.37	0.15	0.29	0.22	0.3

Reported Crimes Involving Domestic Violence

2013	2014	2015	2016	2017	2018	2019	2020
36	24	29	27	21	35	21	27

Drug Arrests

2013	2014	2015	2016	2017	2018	2019	2020	2021
58	94	114	57	51	39	39	27	10

Reported Child Abuse & Neglect
- Children involved in hotline reports
- Children with completed family assessments
- Children with substantiated abuse or neglect

	2016	2017	2018	2019	2020	2021
Children involved in hotline reports	137	107	132	104	72	113
Children with completed family assessments	73	64	97	76	48	74
Children with substantiated abuse or neglect	14	4	10	4	3	7

Sources:
1. Missouri State Highway Patrol Criminal Justice Information Services. (2022). Uniform Crime Reporting System, Crime in Missouri - Data Tables & Reports, SRS Crime Rates by County, 2017-2021.
2. Missouri Department of Mental Health. (2023). Missouri Agency Data for DMH Status Report, 2013-2021.
3. Missouri State Highway Patrol Statistical Analysis Center. (2022). Uniform Crime Reporting Website, 2013-2021 Domestic Violence Totals by County.
4. Missouri Department of Social Services (2022). Quick Facts about Department of Social Services in Missouri, by County, SFY-2013-2021.
5. Missouri Department of Social Services (2022). Missouri Children's Division Annual Report Fiscal Year 2013-2021.