


Hillsdale Hospital  
Community Health Needs Assessment Survey  
2024



The background is a blurred, high-angle shot of a busy stock exchange floor. Several people are seen from the waist down, walking in different directions. The floor is covered with large, glowing green and yellow digital displays showing various financial data points, including stock symbols like 'FCK', 'MAN', 'C', 'TIF', 'UL', 'TRND', 'EA', 'UGR', 'MMST', 'ZUR', 'MPS', 'MXX', and 'GENU', along with numerical values and percentage changes. The overall atmosphere is one of intense financial activity.

# Profile of the Respondents to the 2024 Survey

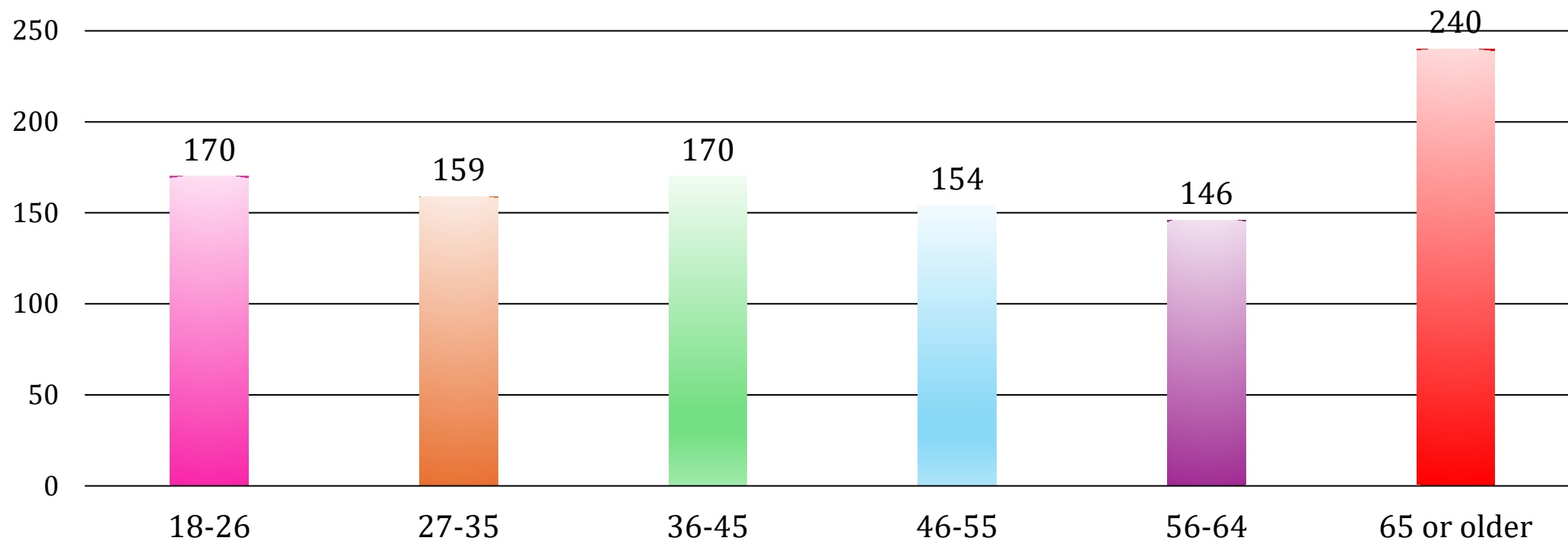
# Respondents

Source: 2024 CHNA Survey & U.S. Census Bureau

- 1079 people responded to the CHNA survey compared to 723 in 2022, 1200 in 2019 and 1110 in 2016. Not all respondents answered every question.
- The respondents who identified as residents represent about 1.7% of the county population based on 2023 Census estimates.
- 95.3% of respondents identified as white; 98.08% as non- Hispanic. This mirrors the county Census estimates.
- 64.39% of respondents were women though male/ female ratios in the county are roughly 50/50.

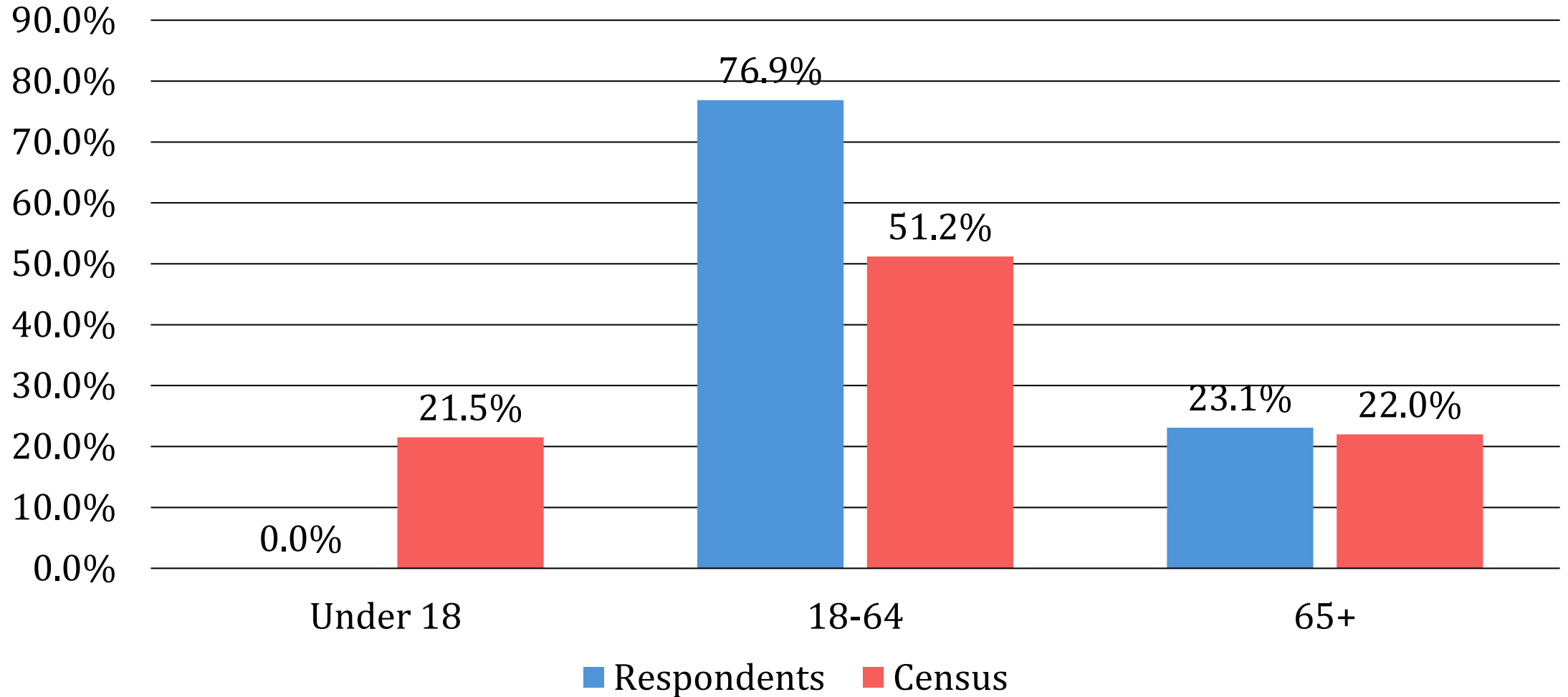
# Respondents Based on Age, 2024

Source: 2024 CHNA Survey



# Respondents by Age Compared to 2023 County Census Estimates

Source: 2024 CHNA Survey & U.S. Census Bureau






# Changes in Population Composition

Source: U.S. Census Bureau

Between 2022 to 2023, According to the U.S Census, the population composition has changed:

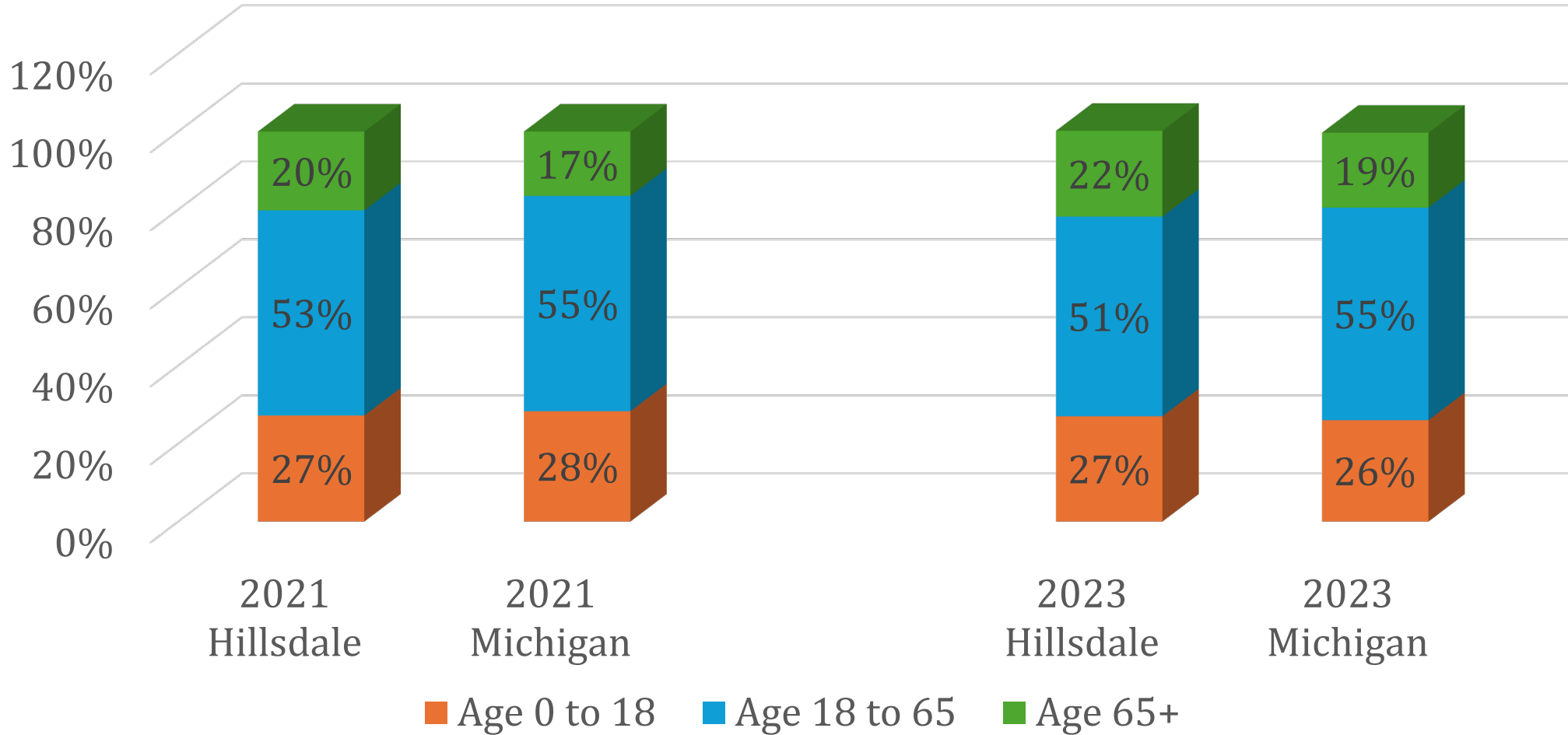
- The age group 0 to 18 has been decreasing.
- The age group 18 to 65 has been decreasing.
- The age group 65+ has been increasing.



This will have serious impact on the demand for health services for the aged and an impact on Social Security stability as the pool of the employed shrinks.

# Age Distribution, 2021 and 2023 Estimates Hillsdale and Michigan

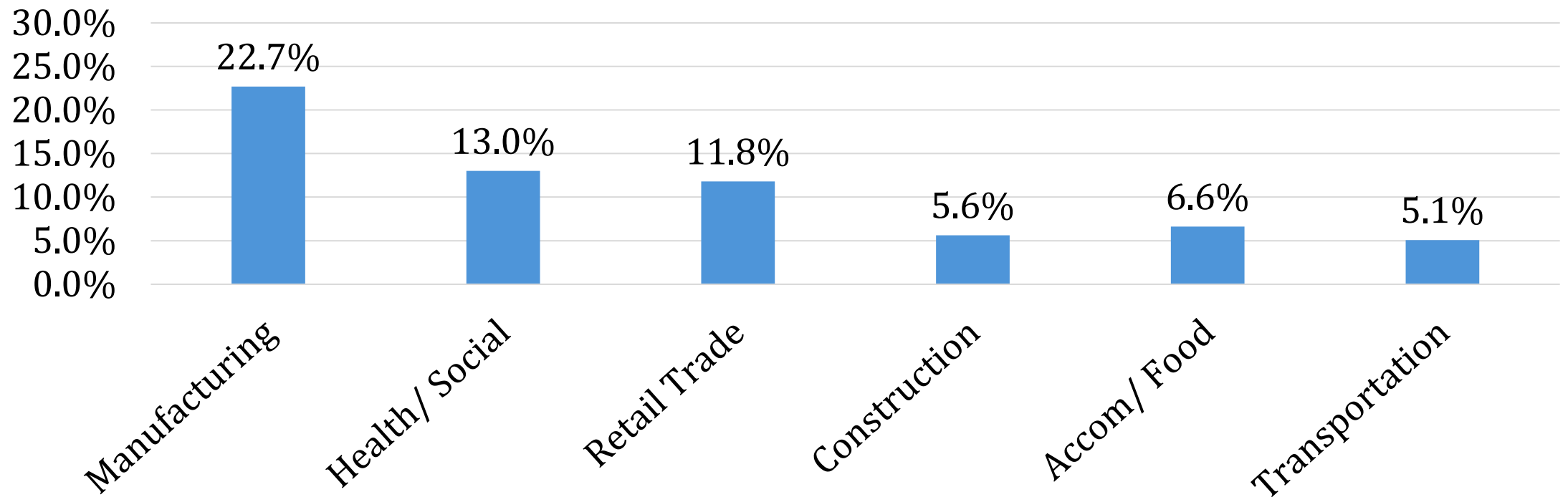
Source: U.S. Census Bureau



# Employment Status

Source: DATA USA

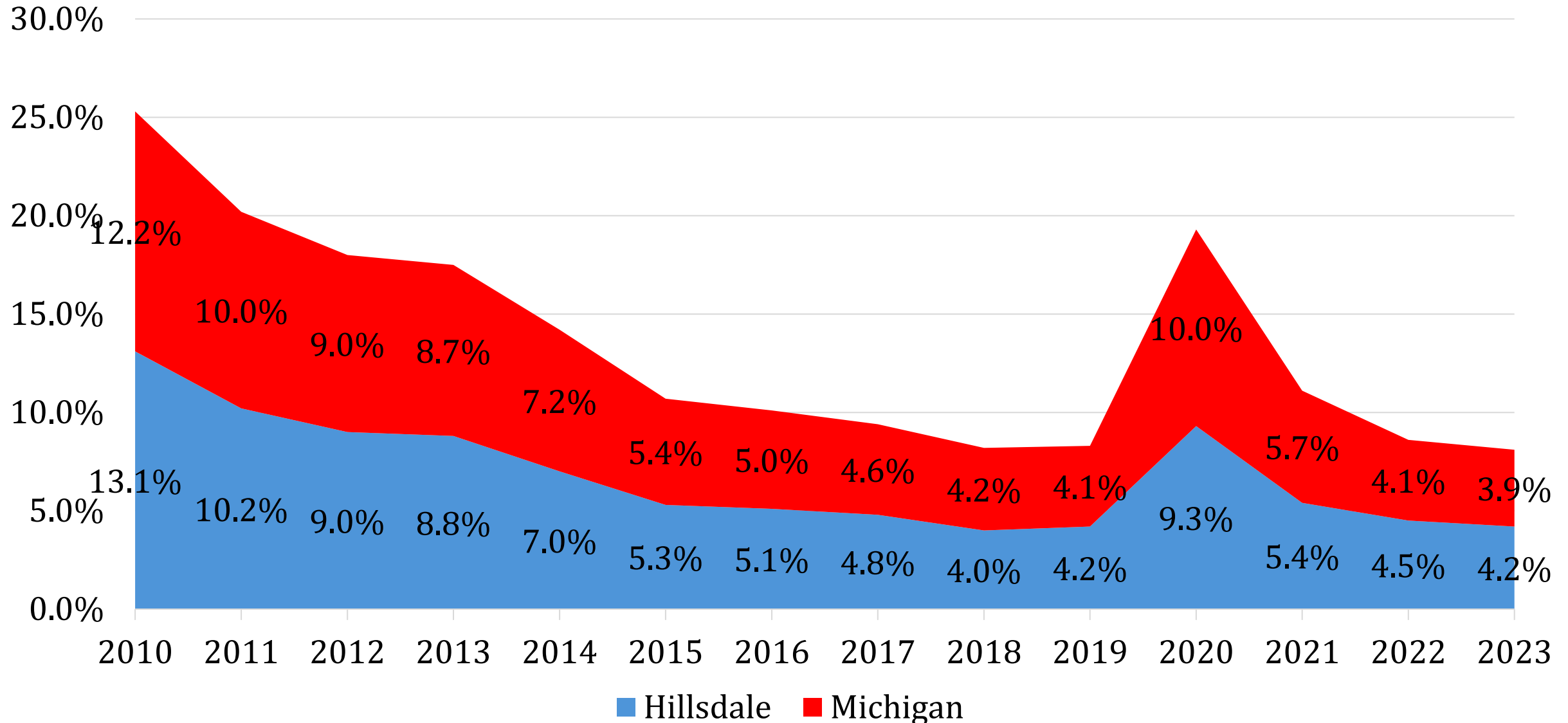
## Main Employment by Sector, Hillsdale County, 2022





# Annual Jobless Rates, Hillsdale & Michigan, 2009 to 2022

Source: Michigan Department of Technology, Management & Budget

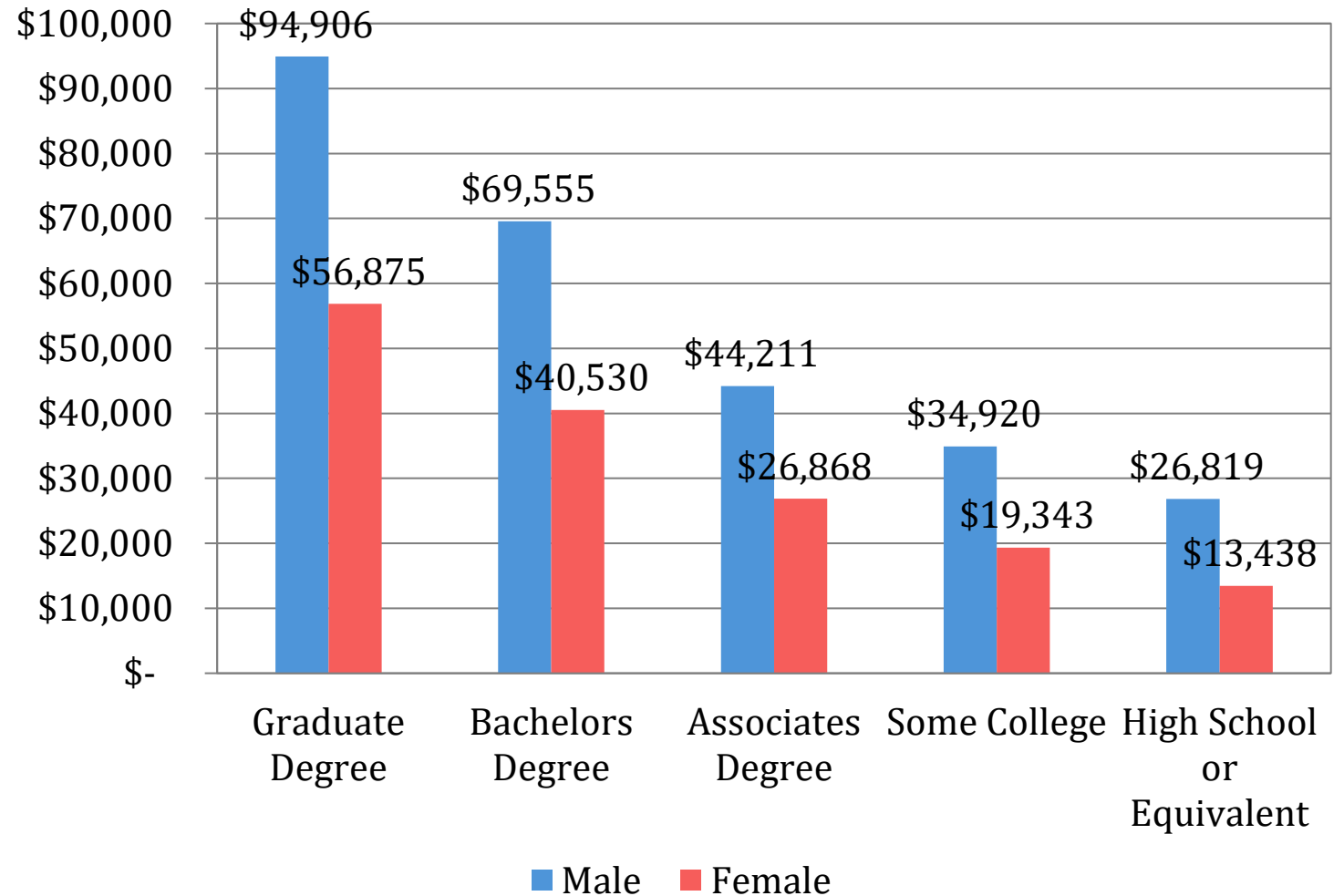


# Income Concerns

Source: DATA USA

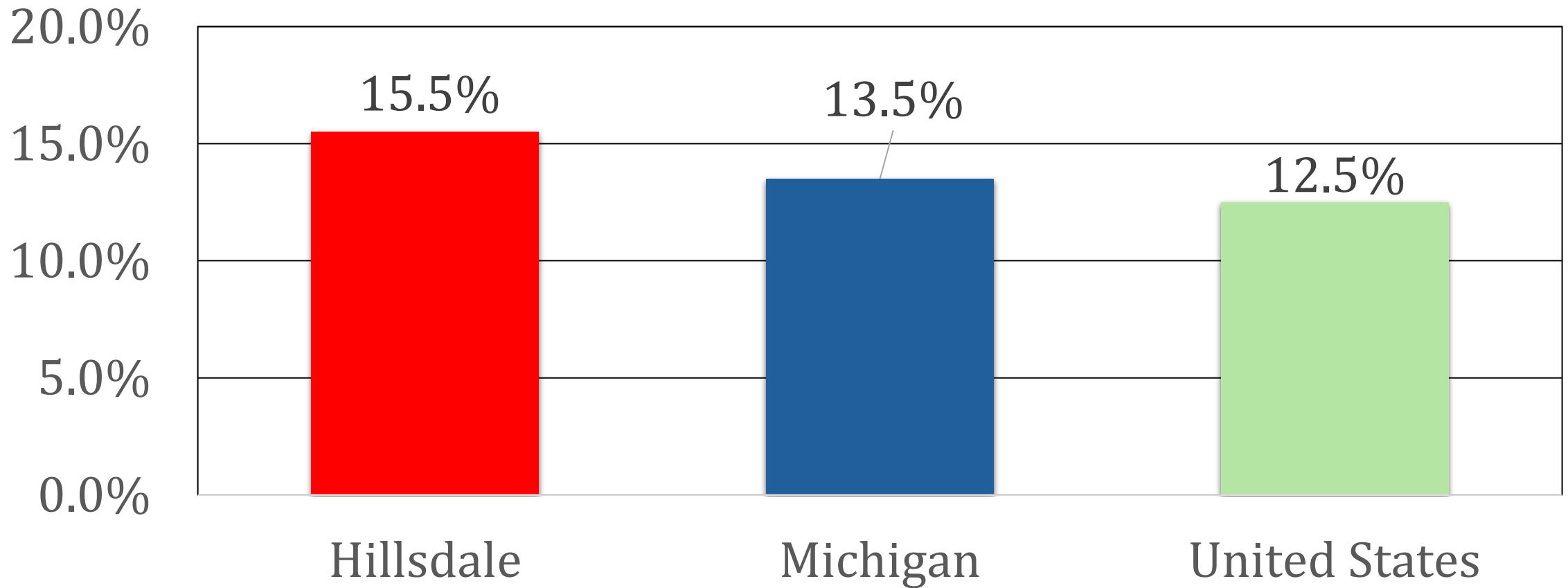
- Median Income: 2023 Census Estimate
  - Hillsdale: \$60,869
  - Michigan: \$69,183

**Average Wage by Education Type for Male and Females in Michigan, 2022**



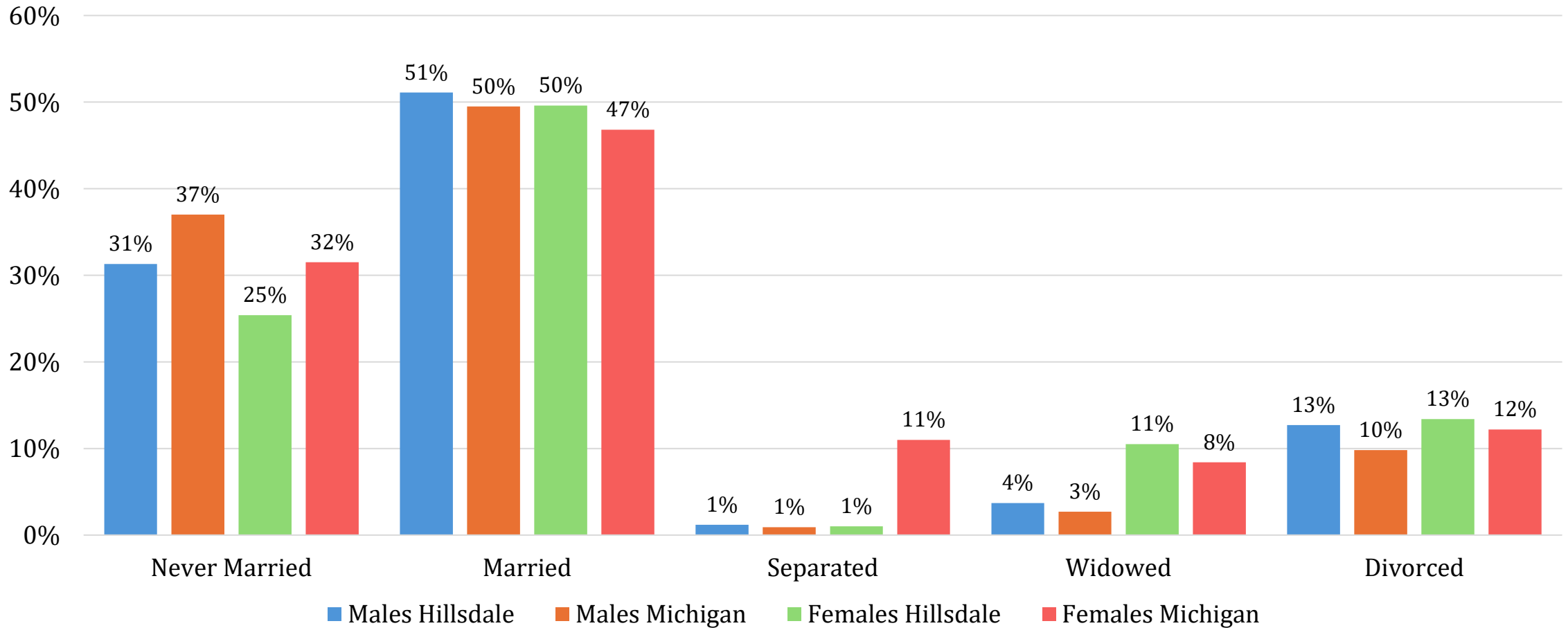
# Percent of People in Poverty Hillsdale, Michigan & US

Source: U.S. Census Bureau



# Marital Status by Percent, Males & Females, Hillsdale & Michigan, 2023

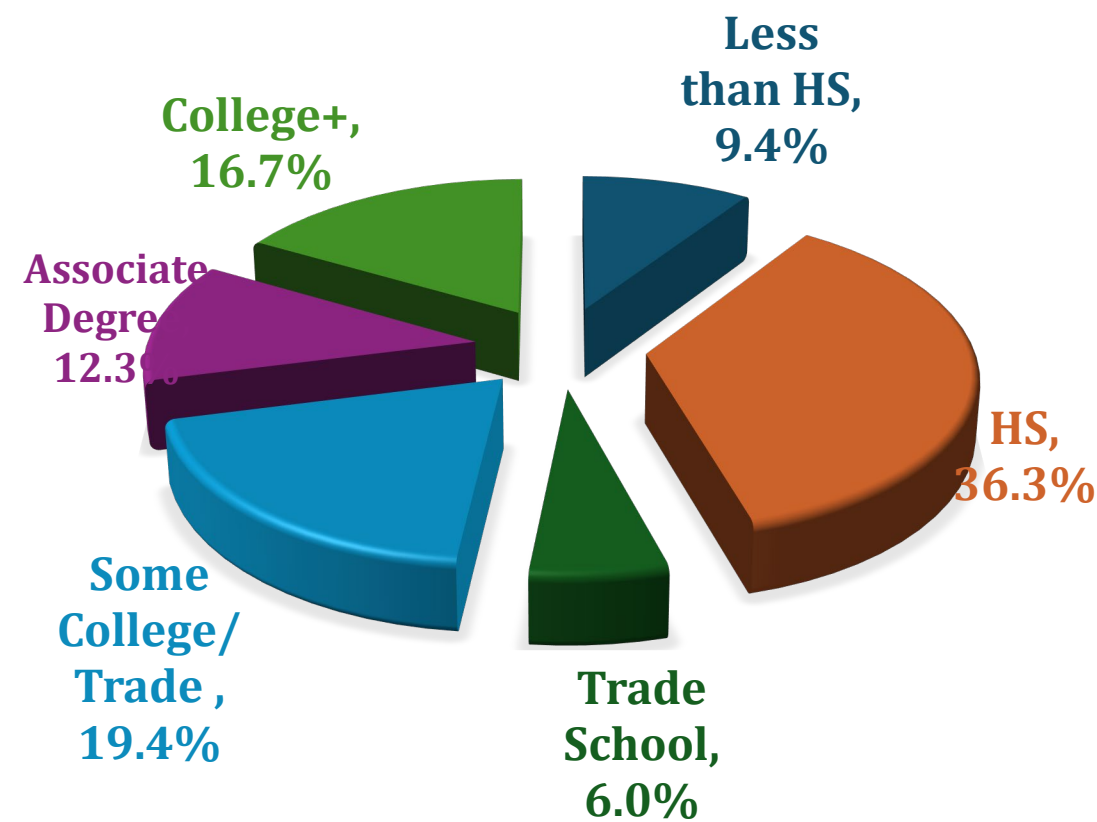
U.S. Census: U.S. Census Bureau



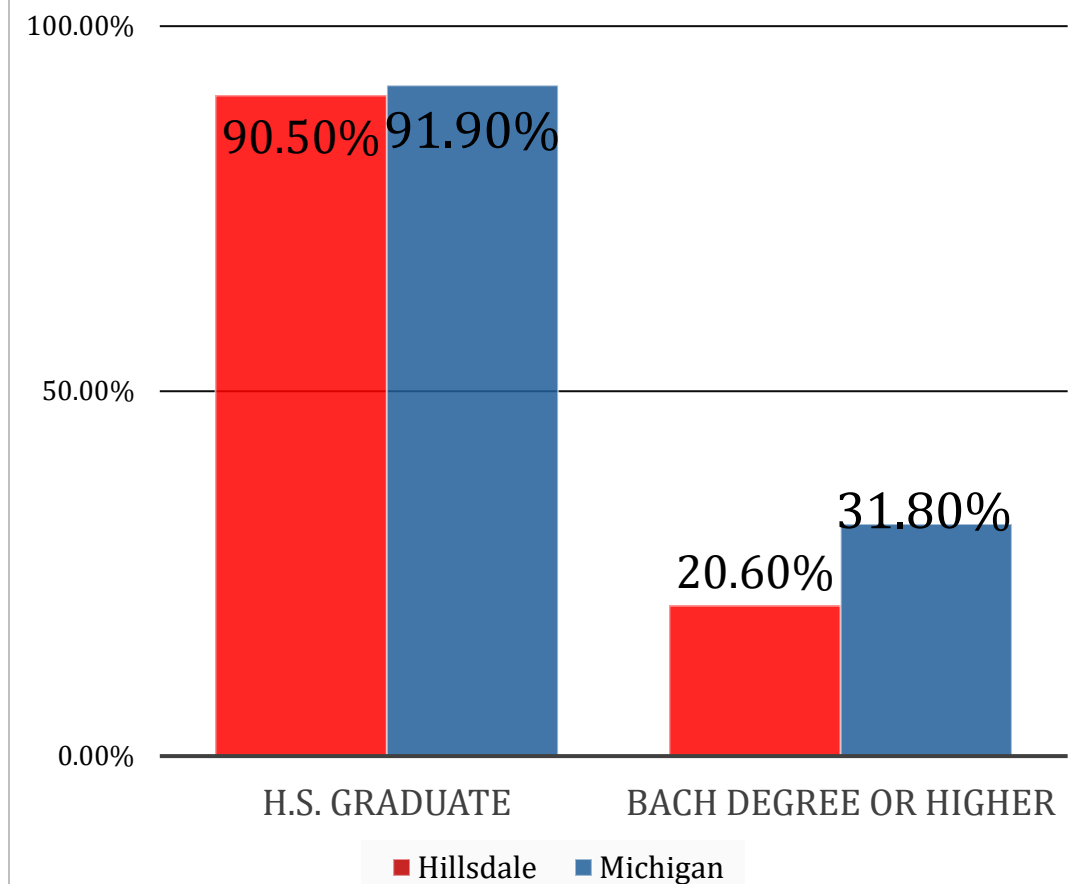
# Hillsdale & Michigan Education Level

Source: DATA USA, U.S. Census Bureau

RESPONDENTS EDUCATION LEVEL  
CHNA SURVEY 2024



Percent Education Level, Age 25+,  
Hillsdale and Michigan, 2023



# Respondents Education, 2024



9% of respondents to the survey has less than a high school diploma.



Only 9.5% of county residents aged 25 or less did not have a high school diploma per the U.S. census data estimates for 2023.



# Some Conclusions

64.4% of our survey respondents were female compared to 49.9% in the general population. In the 2019 CHNA Survey, 75% of survey respondents were female.

Respondents who identified as county residents represented about 1.7% of the population based on 2023 Census estimates.

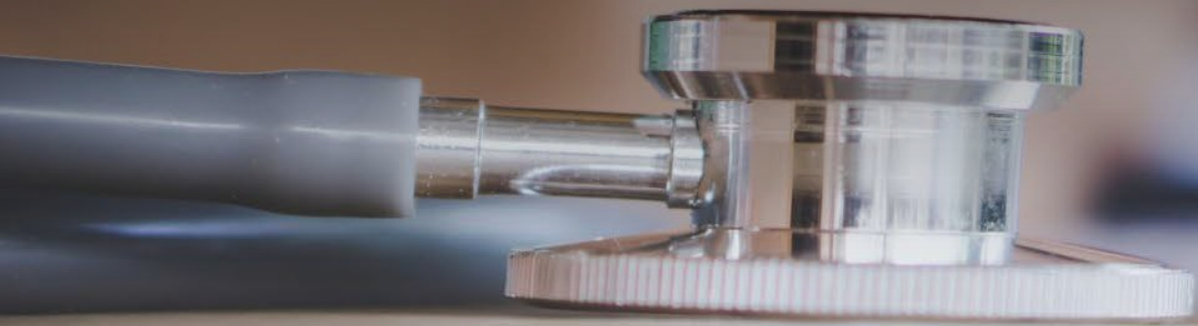
95.3% identified as white; 98.1% as non-Hispanic.

23.1% of our survey respondents were age 65 or over, compared to 19.2% in the general population.

9.4% of all Hillsdale residents do not have a high school diploma compared to 9.5% in the general population.

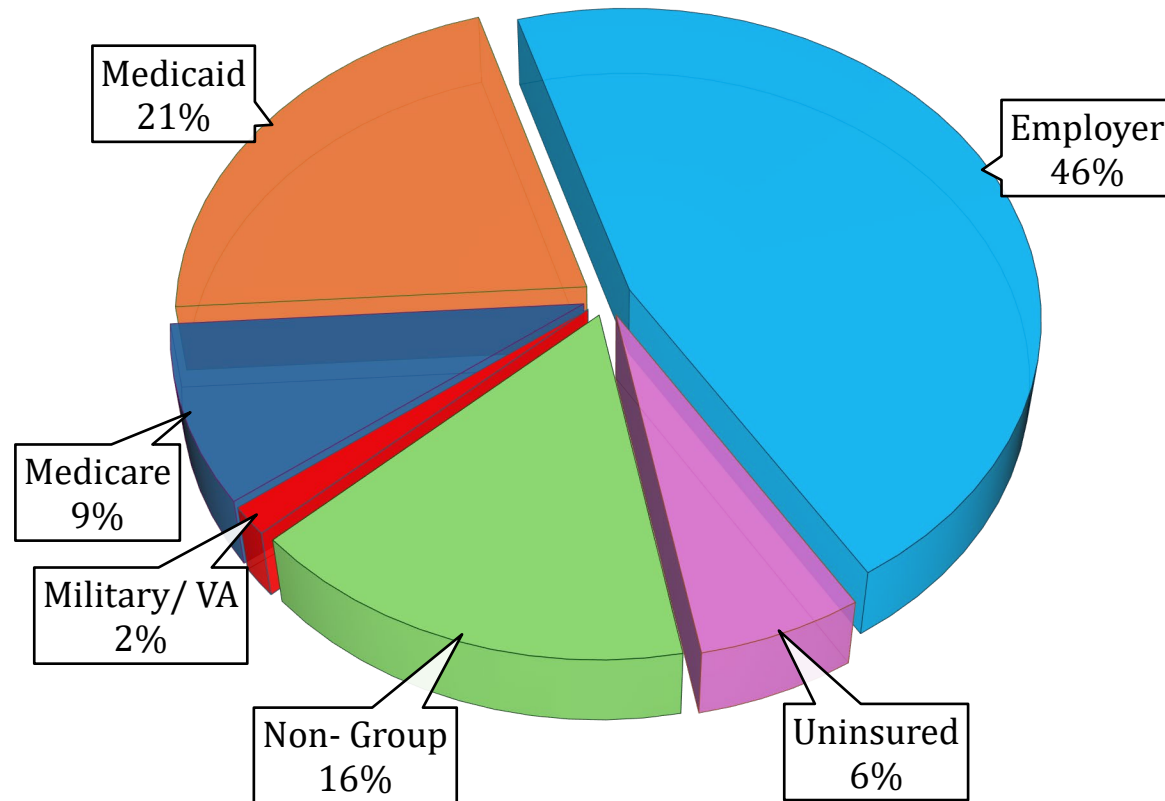
No questions were asked about income, but According to the 2023 U.S. Census Data, Hillsdale has a higher percentage of people in poverty (15.5%) compared to MI (13.5%).

# Health Insurance



# Health Care Coverage in Hillsdale, 2022

Source: U.S. Census Bureau, DATA USA



# Medicaid and Children

Source: Kids Count in Michigan

- The extent to which county children are on Medicaid could not be determined by this survey because the survey was limited to those age 18 and over.
- Kids Count in Michigan, 2024, reported the number of children on Medicaid in Hillsdale was 52.7% compared to 47.1% in Michigan.

**In previous years, the lack of providers who accept Medicaid for children and adults was an issue. Is this still the case?**





# Medicare

Source: U.S. Census Bureau

Medicare consists of four parts:

- Part A: Hospital insurance
- Part B: Medical (doctor) coverage
- Part C: Medicare Advantage Plans (optional)
- Part D: Prescription coverage (optional)

Both those age 65+ and the disabled may qualify for Medicare.

In Michigan, 2024:

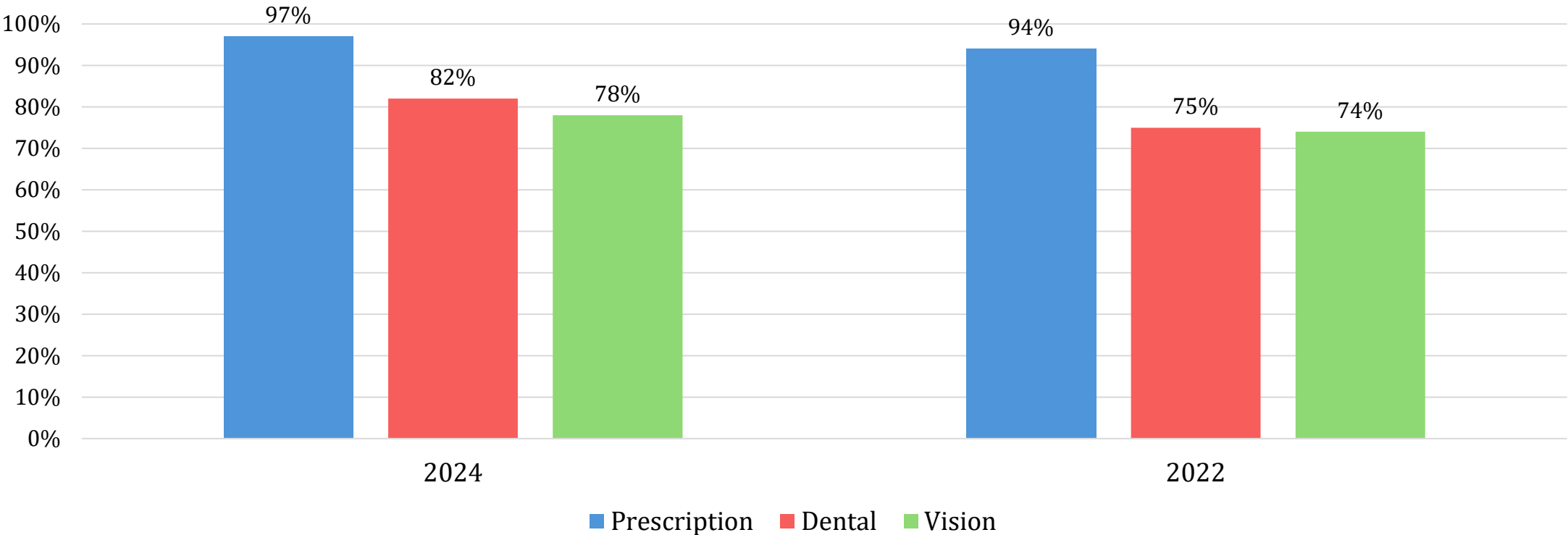
- 87% on Medicare were aged.
- 13% were disabled.

Some aged and disabled also qualify for Medicaid.

# Respondents with Prescription, Dental or Vision Insurance, 2024 & 2022

Source: 2024 & 2022 CHNA Survey

## Respondents with Prescription, Dental or Vision Coverage, 2024 & 2022





# In Summary:

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97% of respondents had  
prescription coverage.

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82% had dental insurance.

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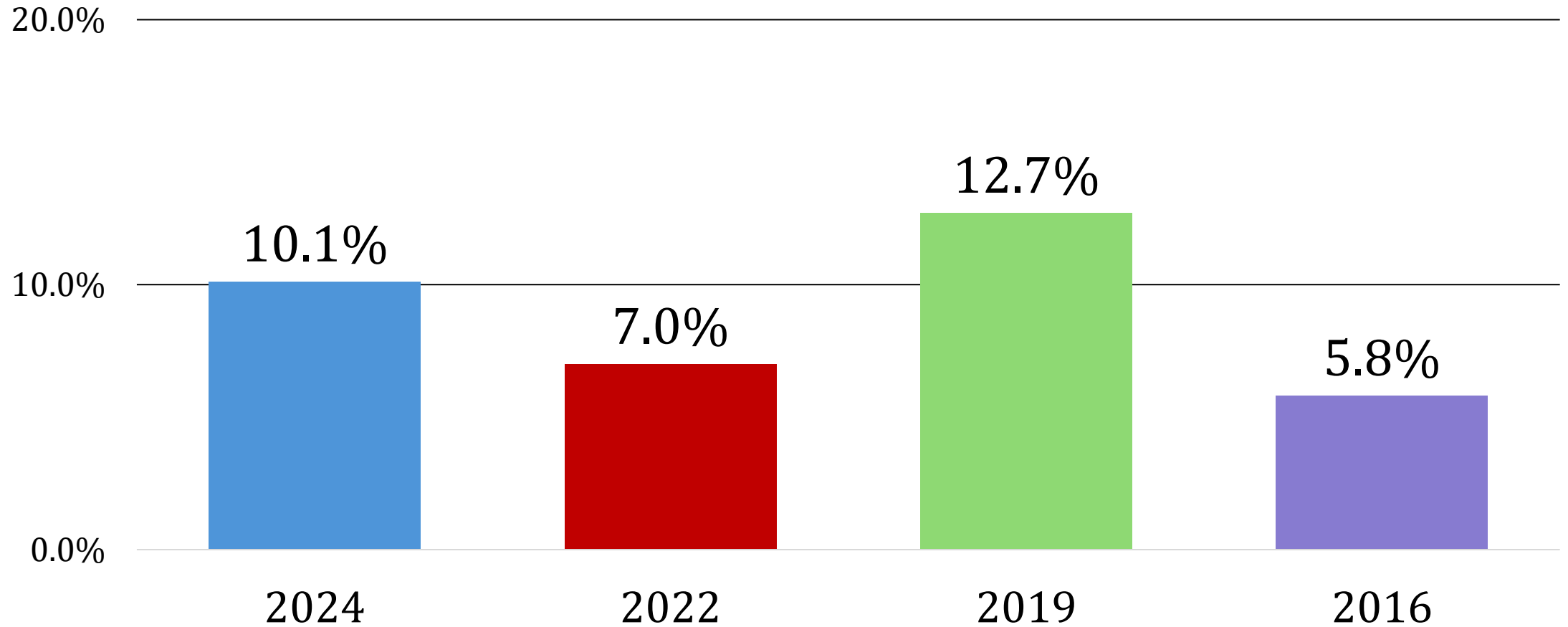
78% has vision insurance.

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**Is this typical of all county  
residents?**

# Respondents Who Chose between Food/ Utilities or Prescriptions Due to Cost, 2024, 2022, 2019 & 2016

Source: 2024, 2022, 2019 & 2016 CHNA Survey

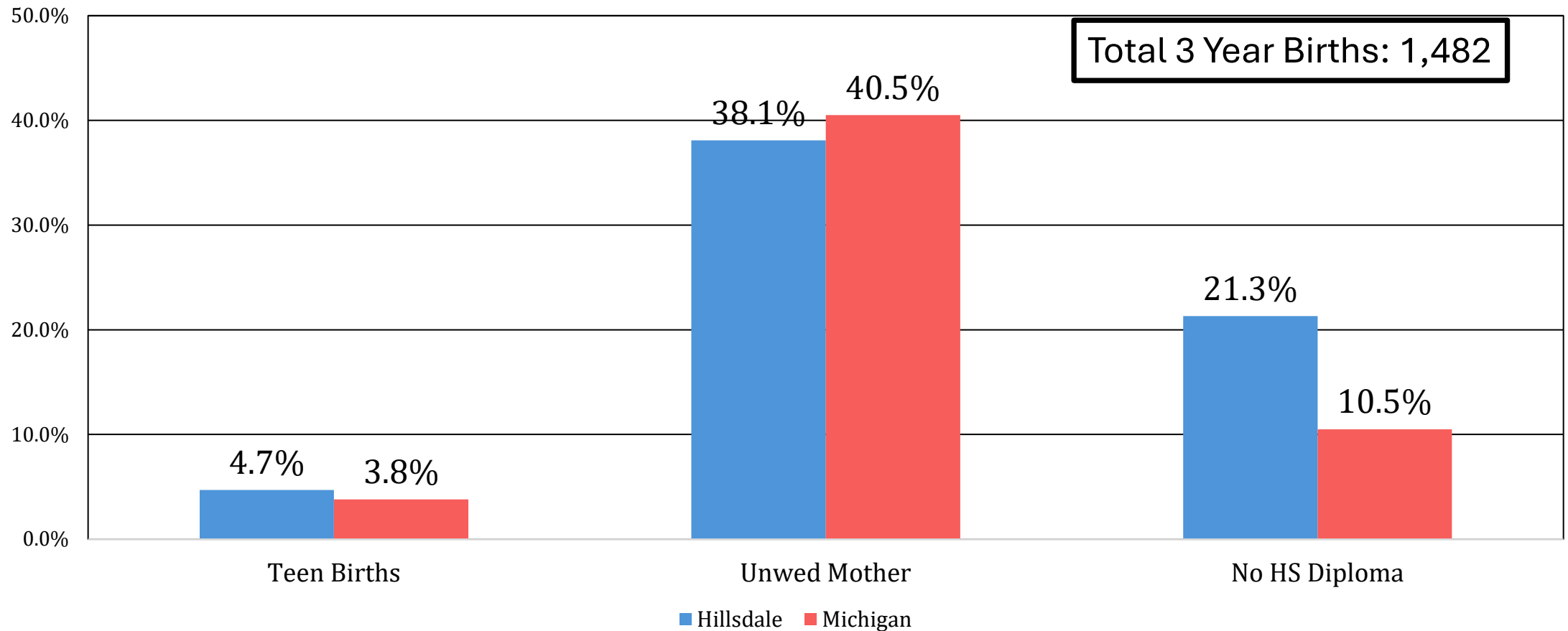




# Health Statistics

# Birth Statistics, Hillsdale & Michigan, 2020-22 Average

Source: Michigan Birth Certificate Registries, Division for Vital Records & Health Statistics, Michigan Department of Health & Human Services 2020-22 Averages



# Prenatal Care, 2024-22 Averages

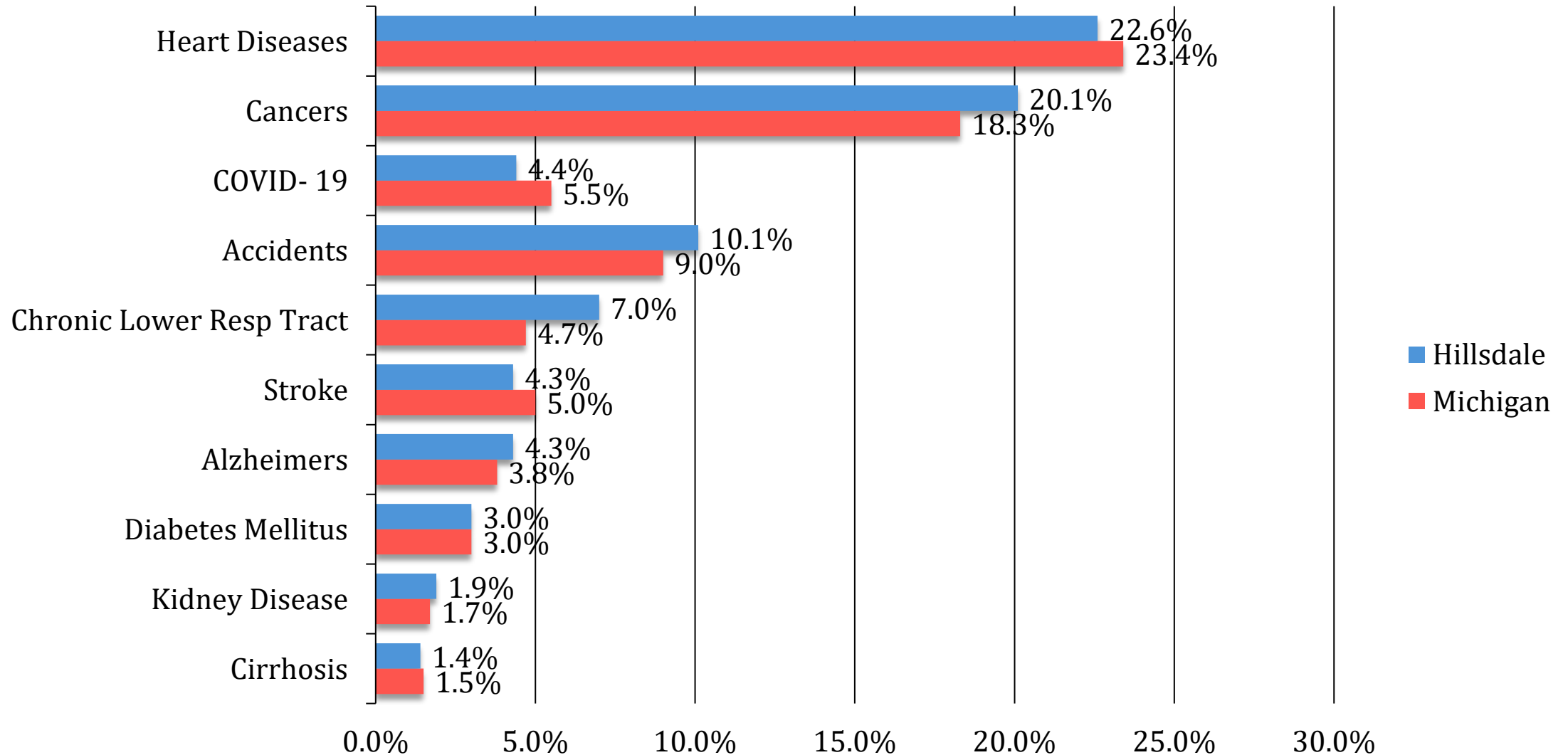
Source- Michigan Resident Files, 2018-20, 2019-21 and 2020-22 Averages

- 47.6% of Hillsdale deliveries in this time were covered by Medicaid compared to 39.2% in Michigan.
- 61.5% of the mothers received adequate prenatal care compared to 68.9% in Michigan.
- 27.2% of mothers received intermediate care compared to 23.0% in Michigan.
- 11.4% had inadequate care compared to 8.1% in Michigan.

**Issue to be addressed by the hospital?**

# Leading Causes of Death as a Percent of All Deaths, 2020-22 Average

Source: Michigan Death Files, 2020 to 2022 Average





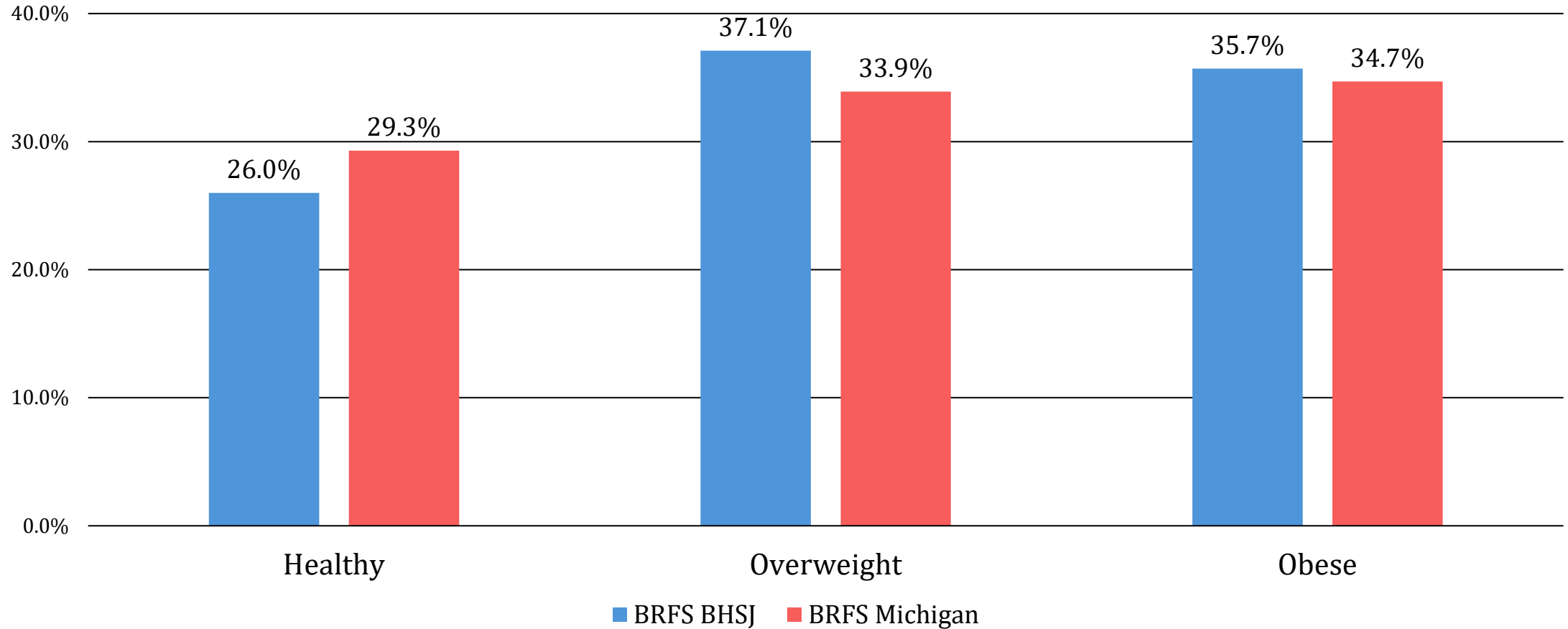


# Behavior Data- Hillsdale County

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# Weight Status, MiBRFS 2020-22 Average

Source: Michigan Behavior Risk Factor Survey, Branch- Hillsdale- St. Joseph and Michigan Residents, 2020-22 Average



# Weight Concerns

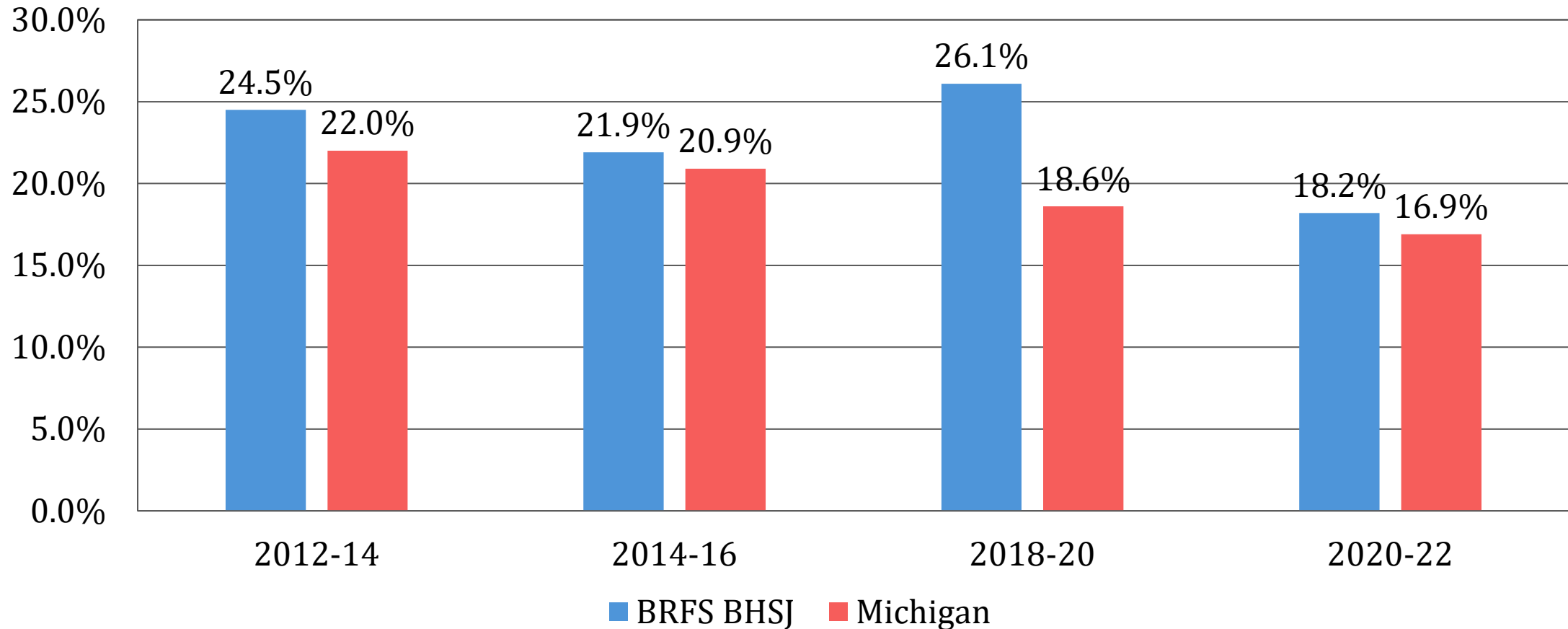
- According to the MBRFS,
  - 37.1% of Hillsdale Residents are Overweight compared to 33.9% in Michigan.
  - 35.7% of Hillsdale Residents are Obese compared to 34.7% in Michigan.

**Is this an Issue to be address by the Hospital?**



# Percent of Residents Who Smoke, 2012-14, 2014-16, 2018-20 & 2020-22 Averages

Source: Michigan Behavior Risk Factor Surveys, Branch-Hillsdale-St. Joseph Residents and Michigan, 2012-14, 2014-16, 2018-20, and 2020-22 Averages





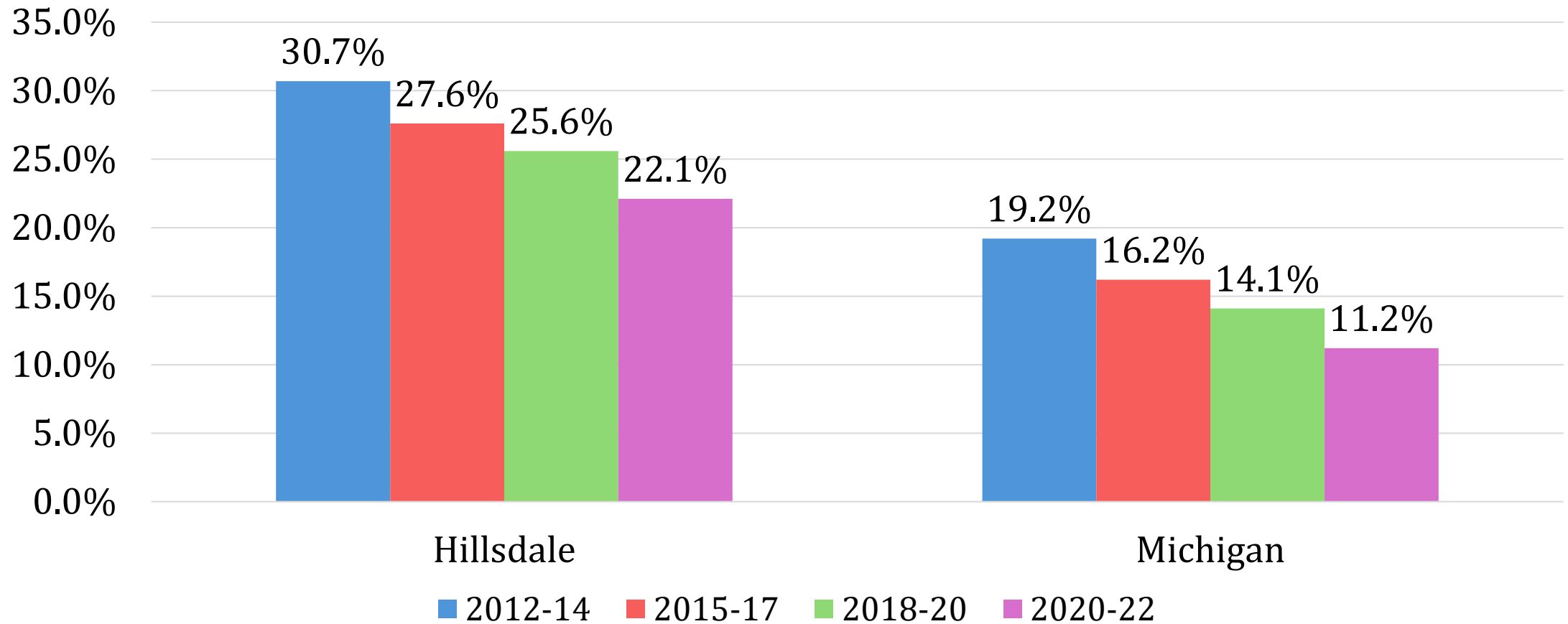
## Smoking Concerns

- 18.2% of Hillsdale residents smoke in 2024 compared to 24.5% in 2012.
  - A significant decrease in smoking within Hillsdale Residents.

**Is this still a high priority to keep addressing?**

# Percent of Mothers Who Smoke, Three Year Trends, Hillsdale & Michigan

Source: Michigan Resident Inpatient Files Division for Vital Records and Health Statistics, Michigan Department of Community Health

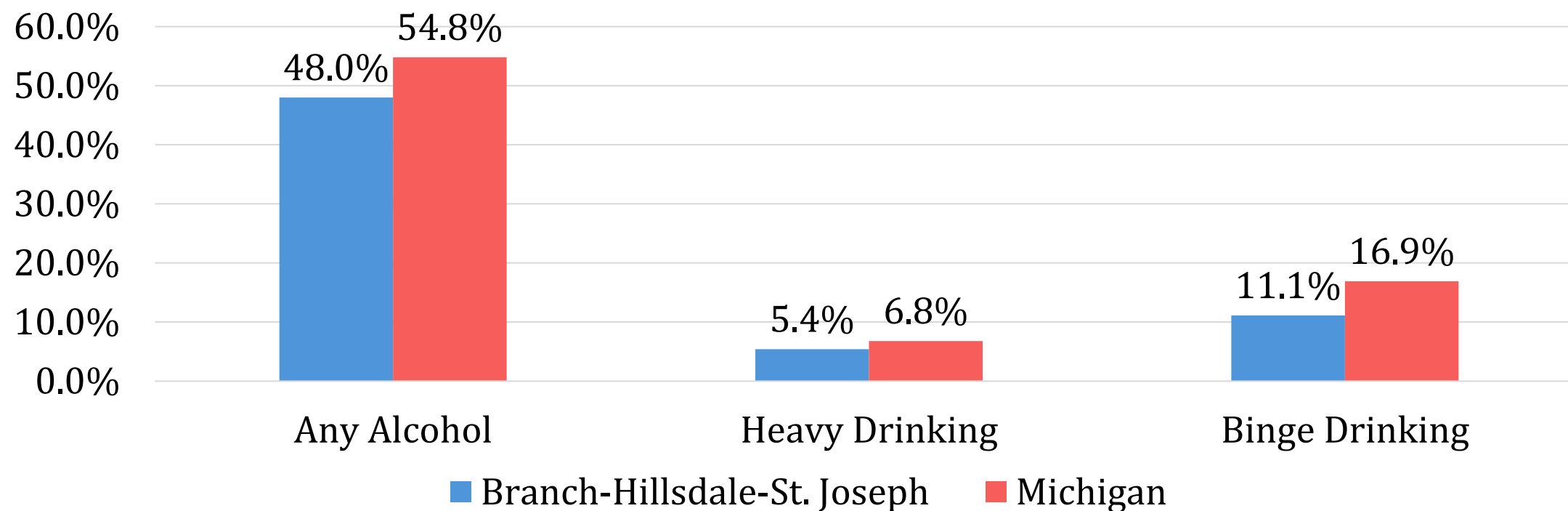




# Alcohol Use

Source: Michigan Behavior Risk Factor Survey, Branch- Hillsdale- St. Joseph Residents and Michigan, 2020-22 Average

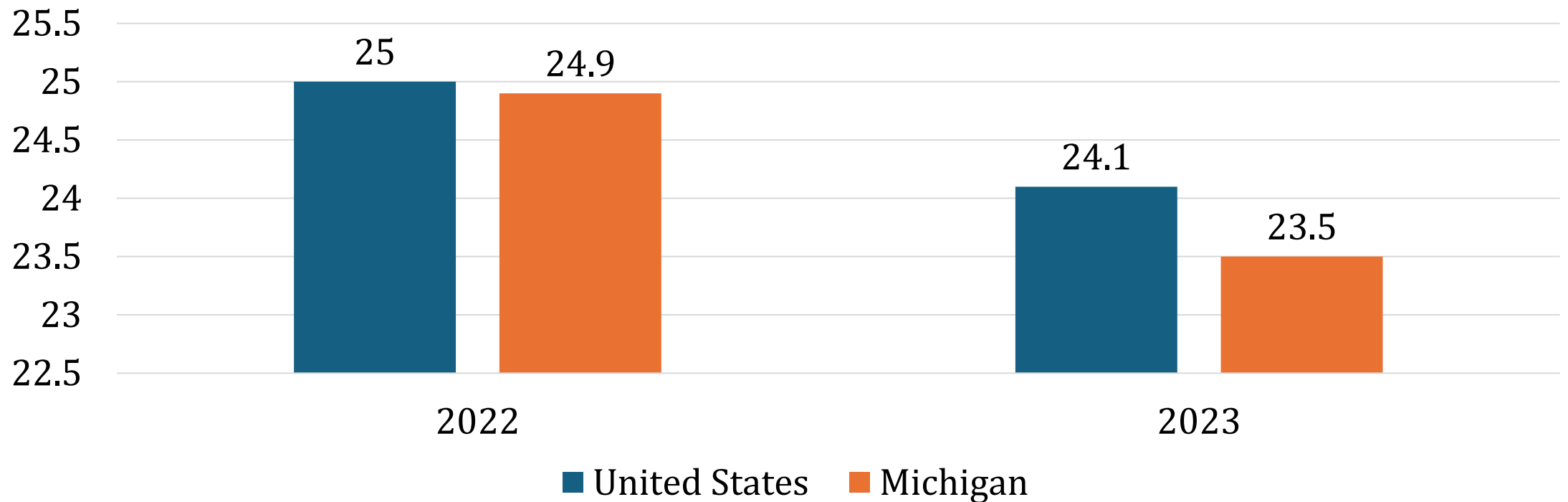
## Drinking Patterns, Branch-Hillsdale-St. Joseph & Michigan Residents 2020-22



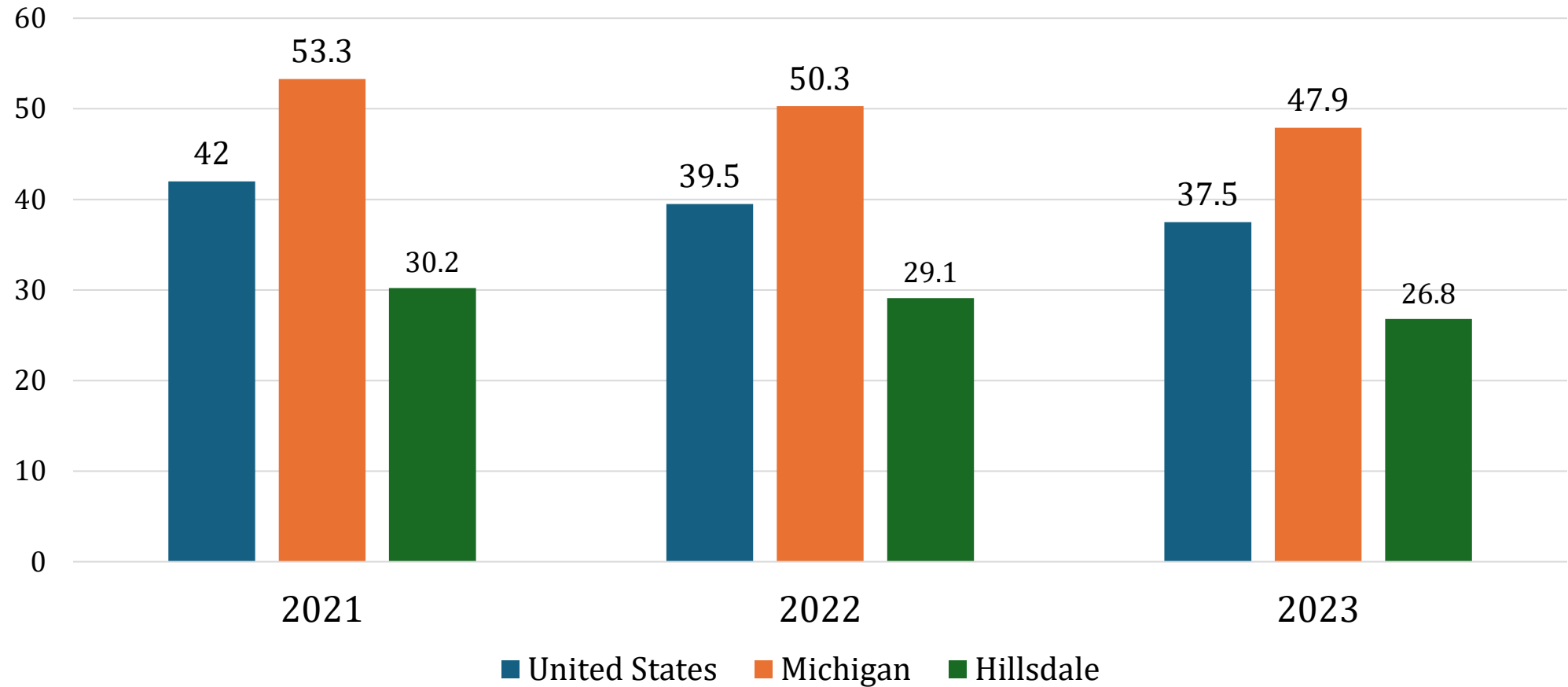
# Number of Opioids Deaths in Michigan

Source: Kaiser Family Foundation, Centers for Disease Control and Prevention, Opioid Deaths, 2022-23

## Opioid Drug Overdose Age Adjusted Death Rates per 100,000 United States & Michigan



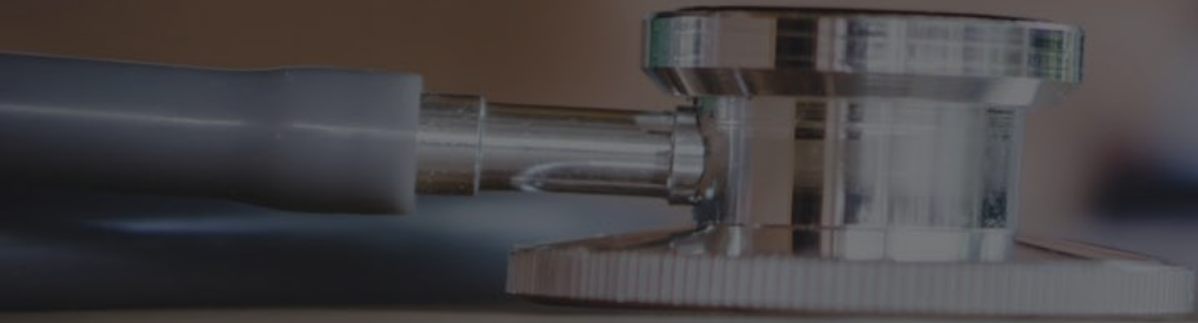
**Prescription Dispensing Rate/ 100 persons, U.S., Michigan & Hillsdale**





# Concerns about Drug Abuse Issues?

# Medical Care Issues



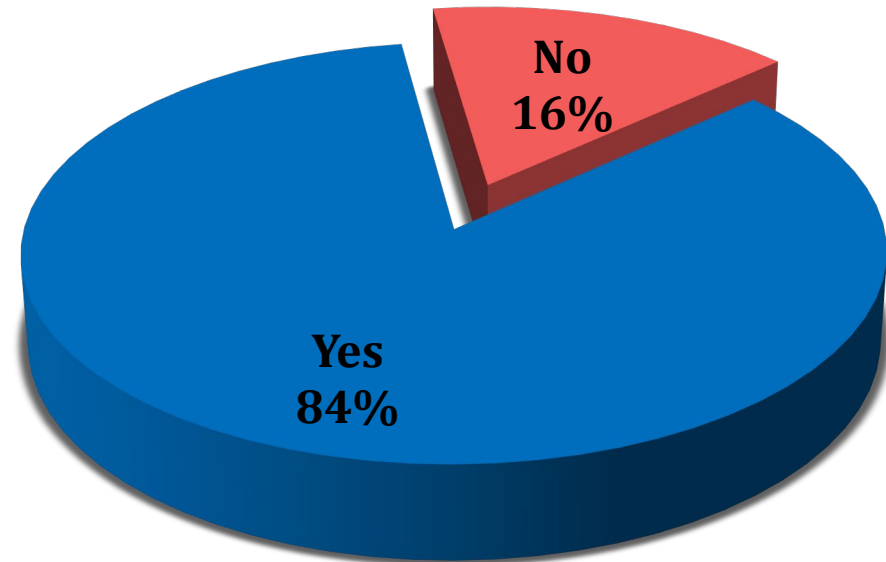
# Respondents with Physicians, 2024

Source: 2024 CHNA Survey

Yes: 84%

No: 16%

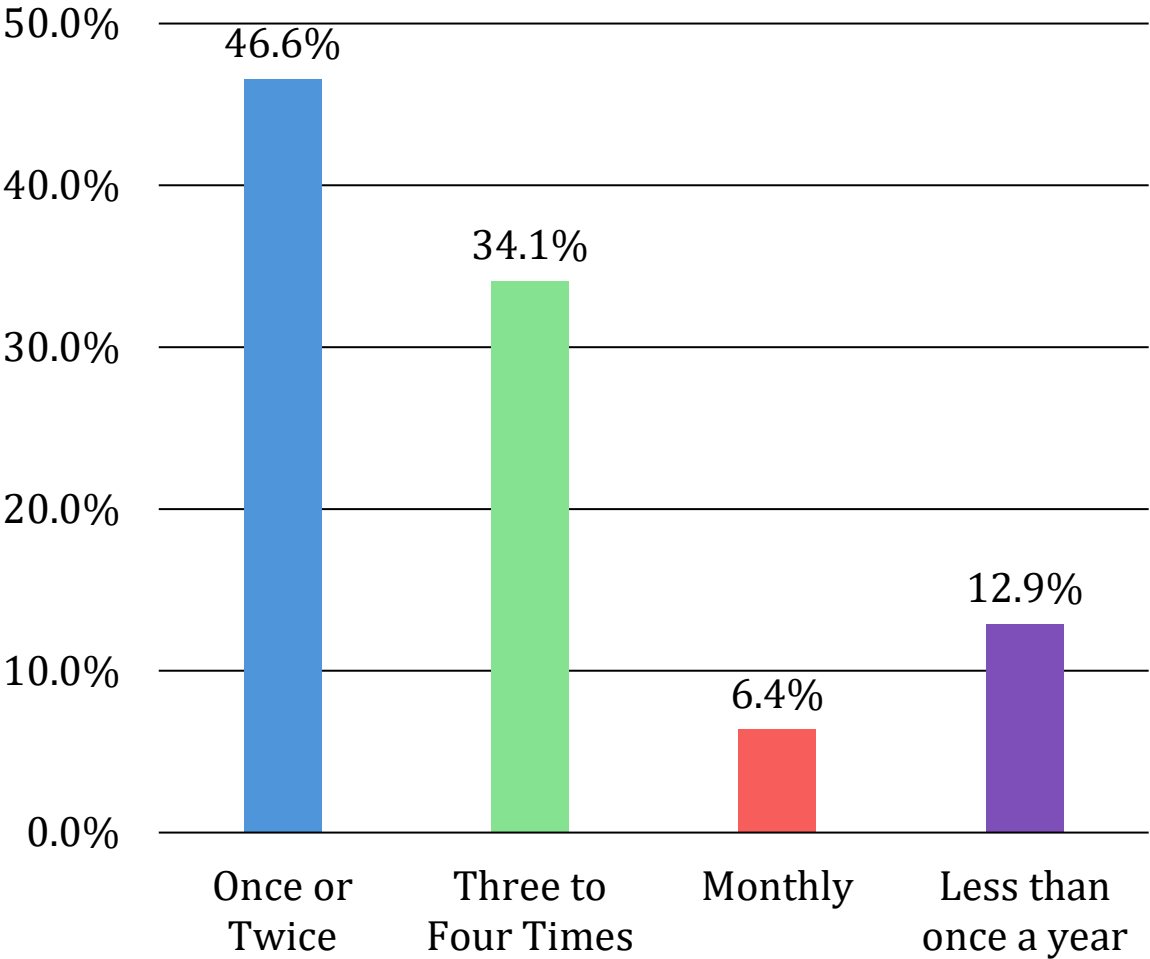
On the BRFSS 2022-20, 8.7% of Branch-Hillsdale-St. Joseph residents reported they had no personal physician, compared to the Michigan at 12.4%.



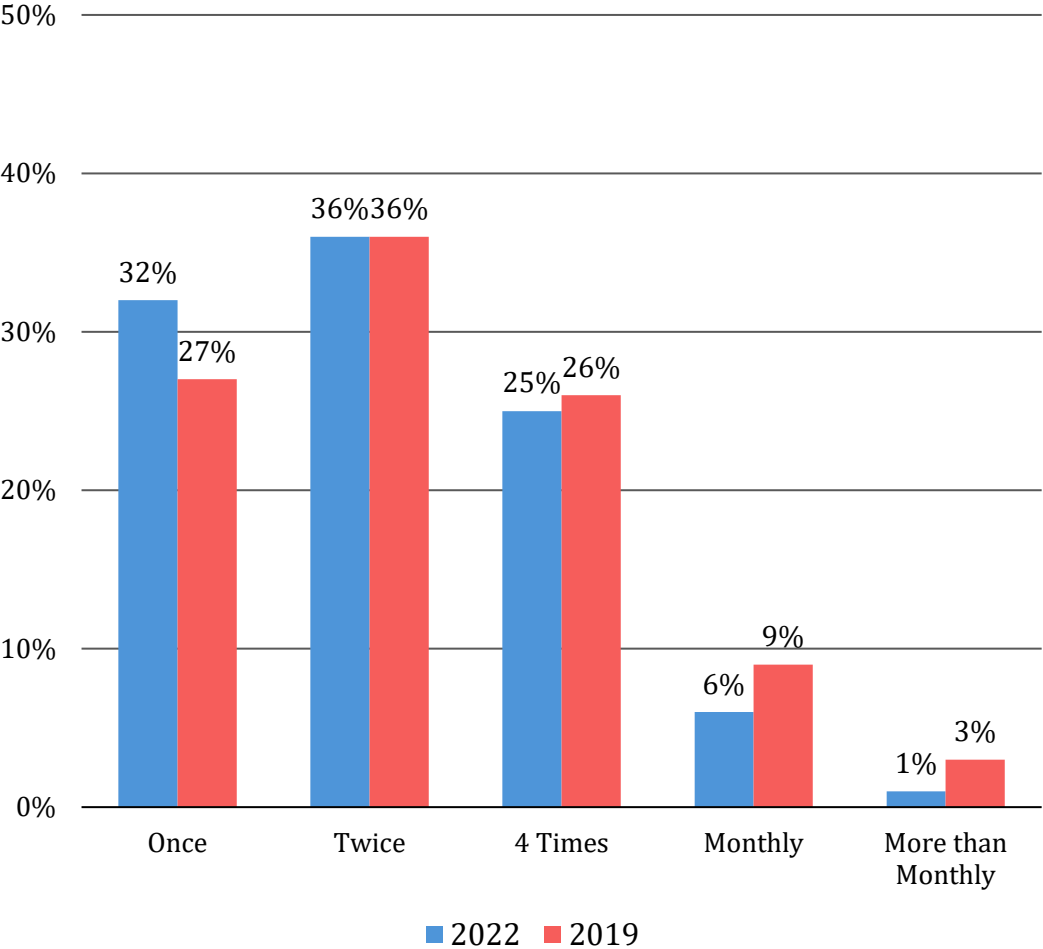
# Respondents Visited their Doctors, 2024, 2022 & 2019

Source; 2024, 2022 & 2019 CHNA Survey

## Respondents Visited their Doctors, 2024



## Previous Years, 2022 and 2019



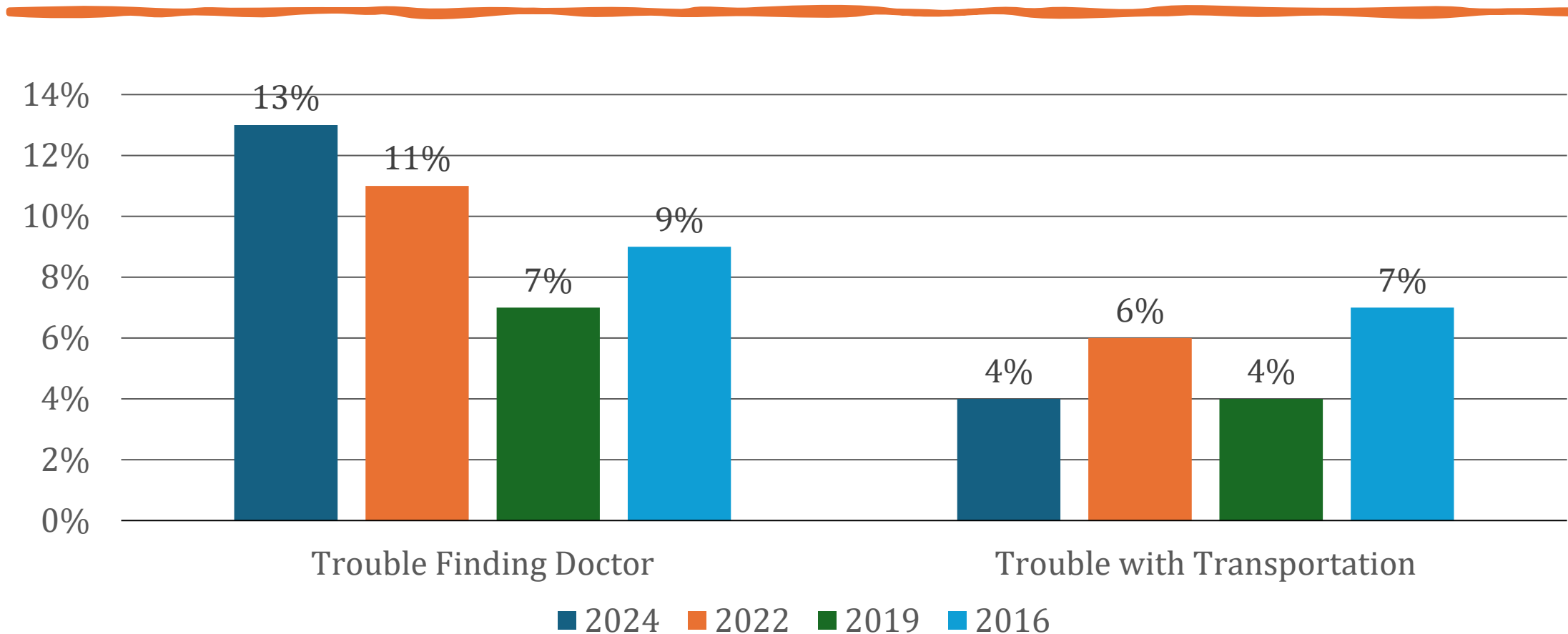


# Concerns about Doctor Visits?



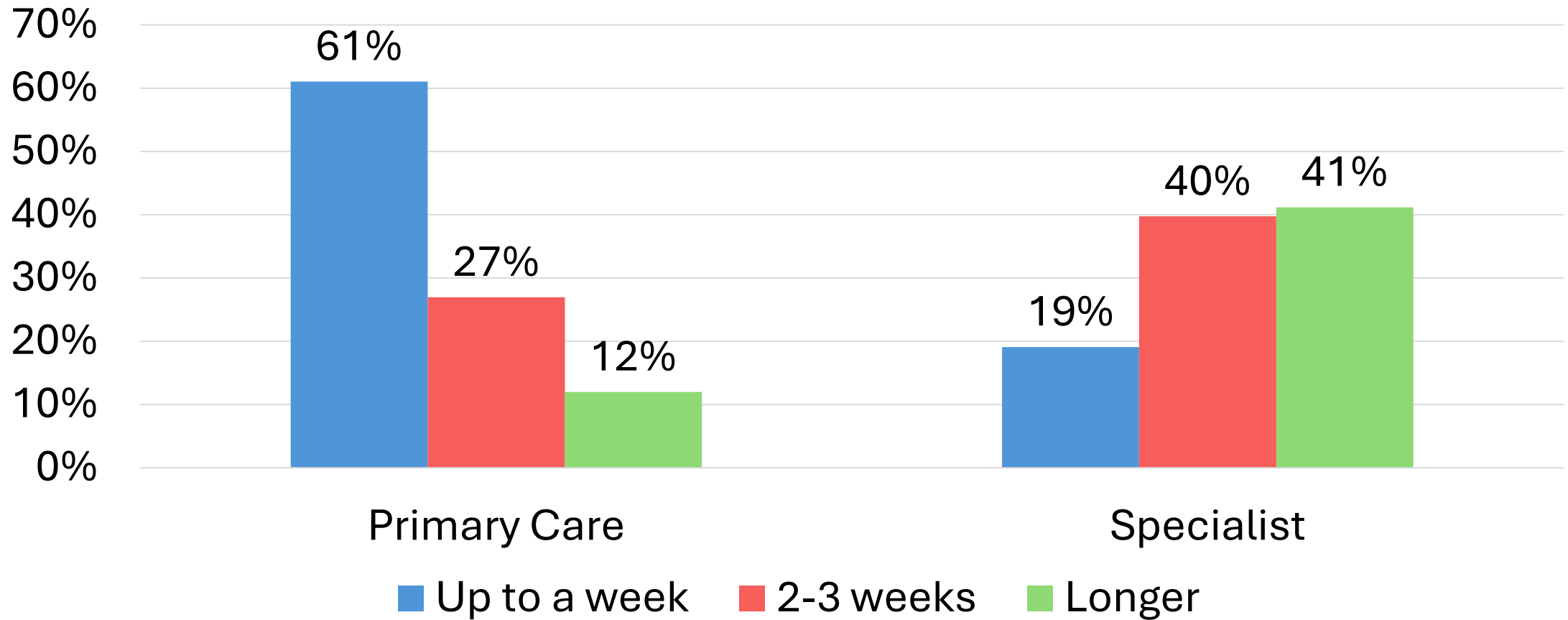
# Respondents' difficulty finding or getting to doctor 2024, 2022, 2019, & 2016

Source: 2024, 2022, 2019 & 2016 CHNA Survey



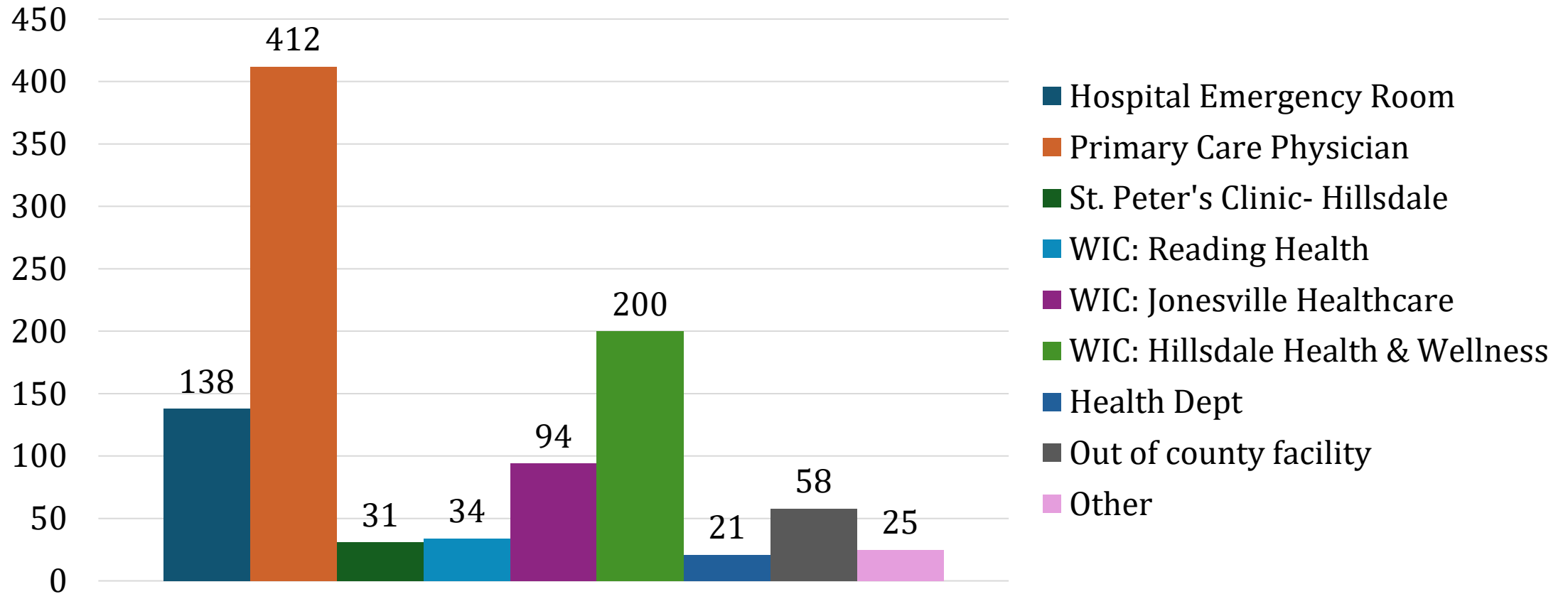
# Respondents Waiting Time to See a Doctor, 2024

Source: 2024 CHNA Survey



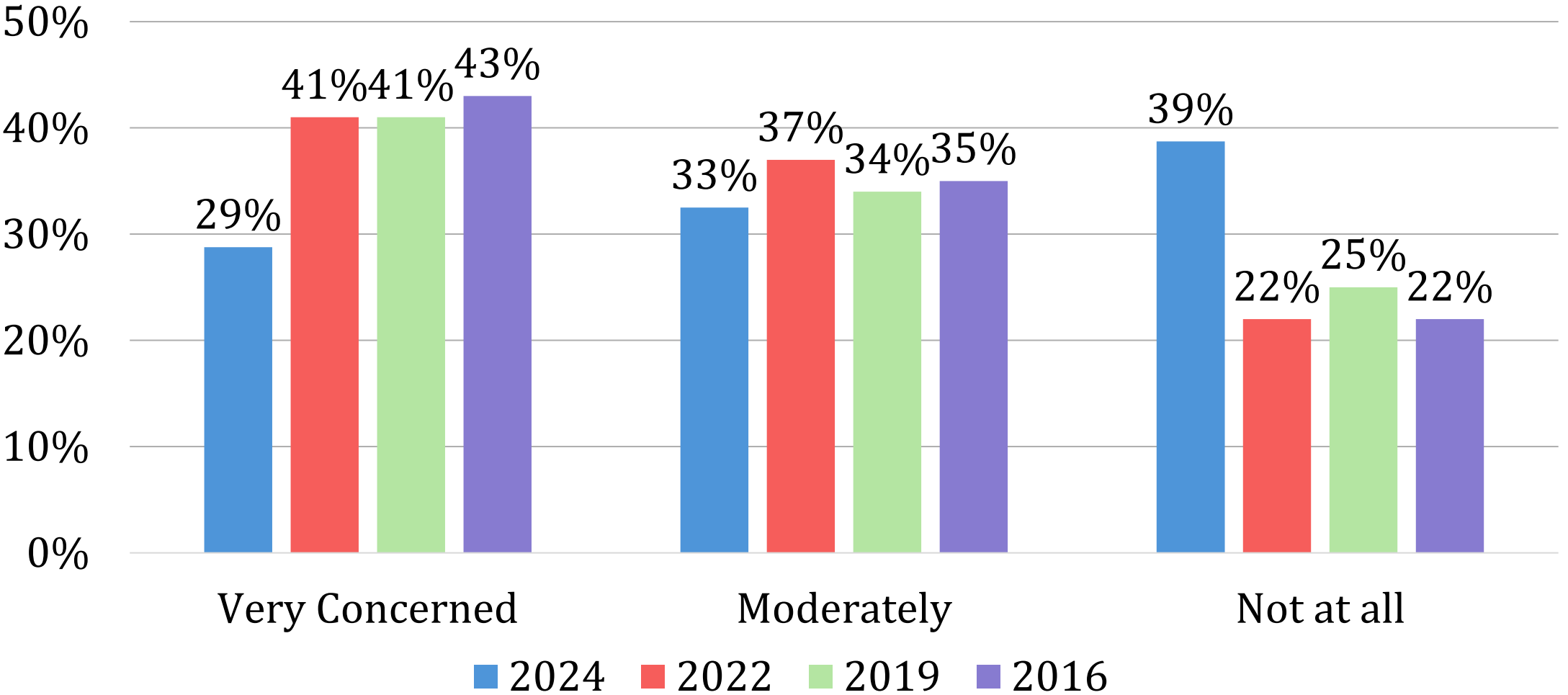
# Where CHNA Respondents Go For Non-Emergency Treatment , 2024

Source: 2024 CHNA Survey



# Concerns about Affordability of Care

Source: 2024 CHNA Survey





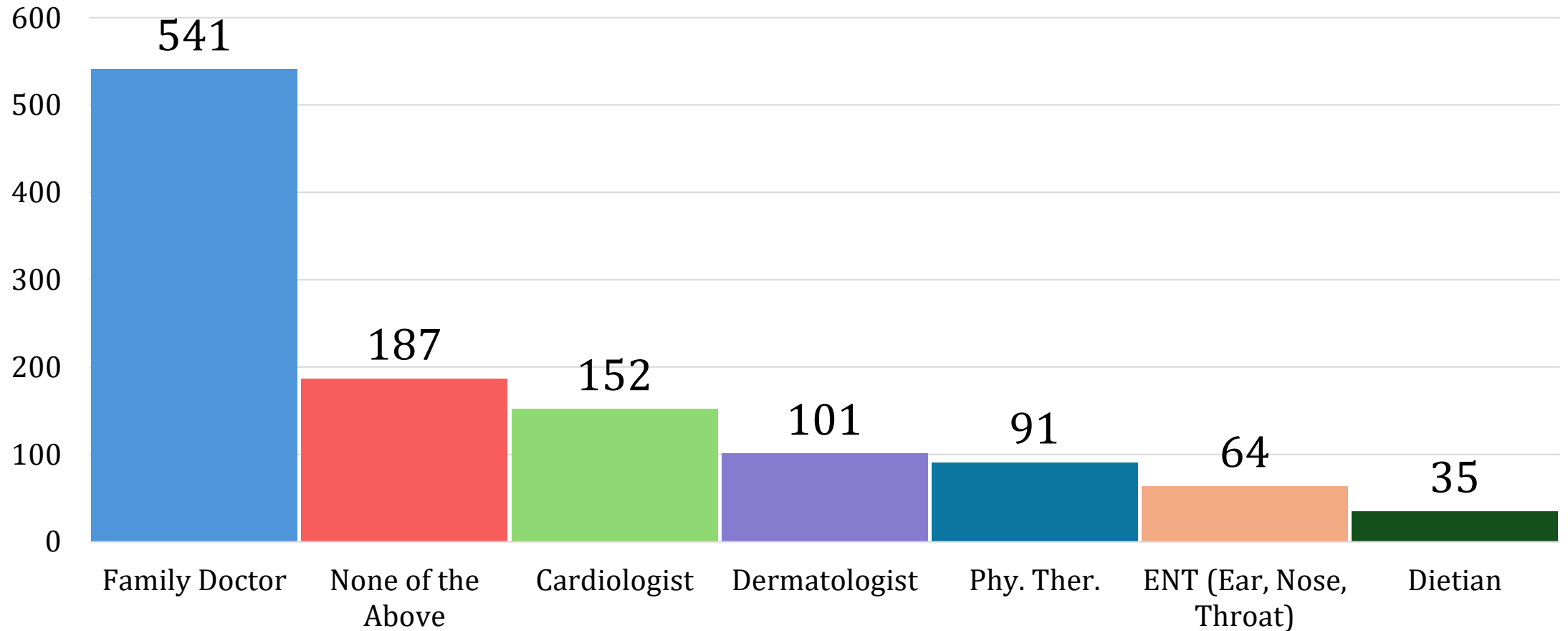
# Concerns about Medical Care?



# Respondents Medical Issues and Use of Medical Services

# Most Medical Resources Residents Used, Past Year, 2024 CHNA

Source: 2024 CHNA Survey



# Respondents on Lack of Healthcare Services Available in Hillsdale County, 2024

Source: 2024 CHNA Survey

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209 (72.8%) said Specialist Doctors.

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126 (43.9%) said Mental Health Services- Outpatient.

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95 (33.1%) said Mental Health Services- Inpatient.

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47 (16.4%) said Other services.

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46 (16.0%) said Testing Services.

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35 (12.20%) said Infertility Services.

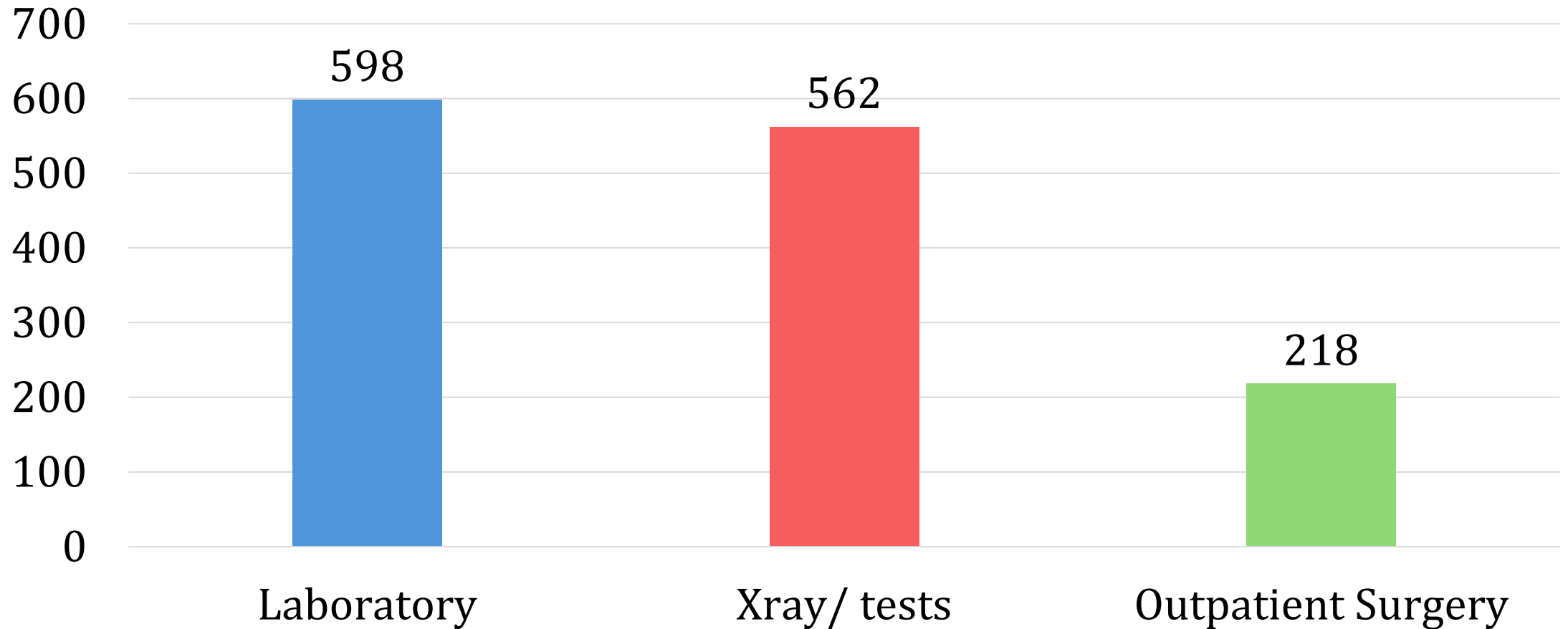
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23 (8.0%) said Laboratory Services.



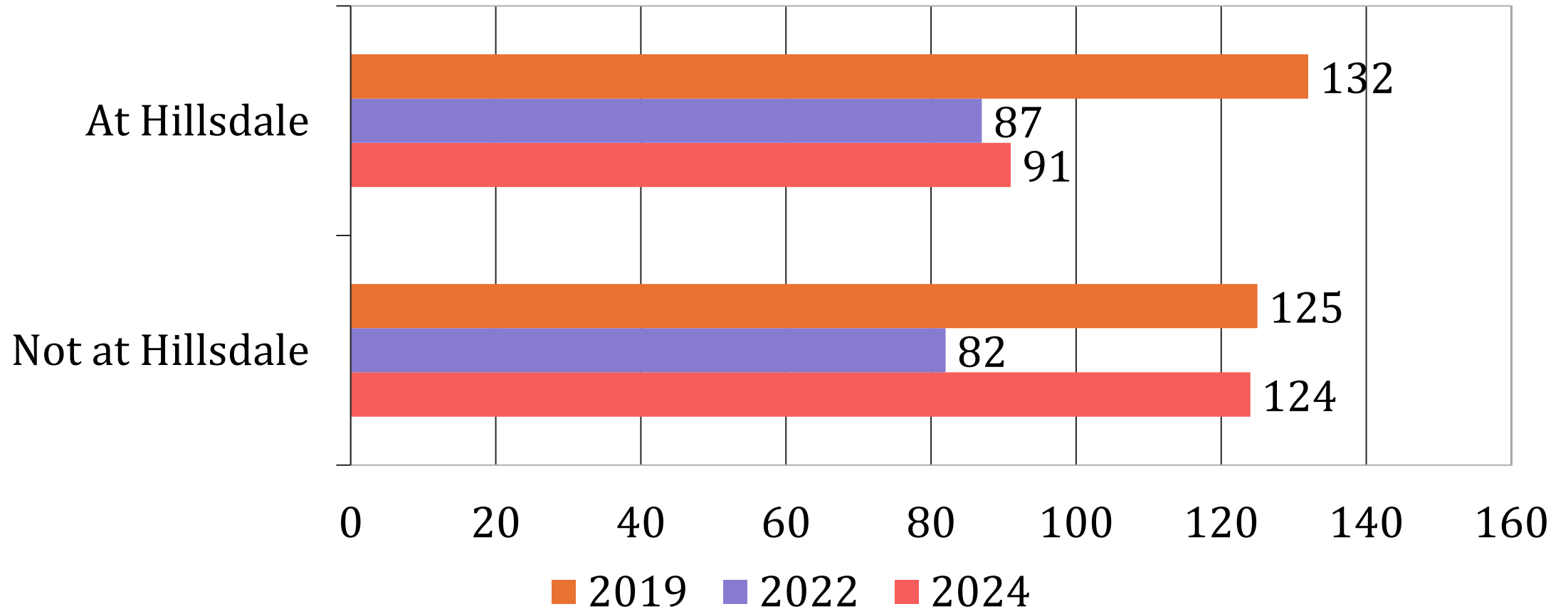
# Respondents Use of Hospital Services, 2024

Source: 2024 CHNA Survey



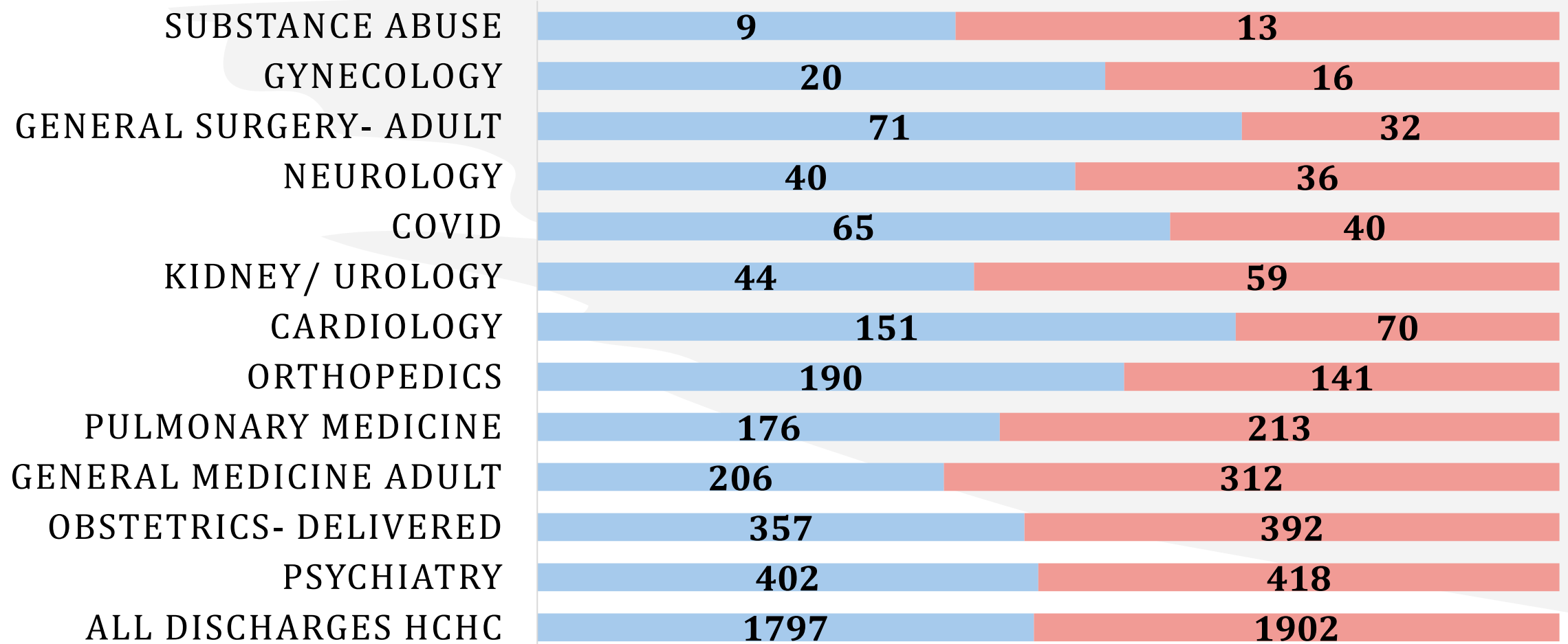
# Where CHNA Respondents were Hospitalized, 2024, 2022 and 2019

Source: 2024, 2022 & 2019 CHNA Survey



## HILLSDALE HOSPITAL DISCHARGES BY LEADING CAUSES, 2022 & 2023

■ 2022 ■ 2023



# Use of Telehealth System

Source: 2024 CHNA Survey

## **Respondents were asked if they had tried Telehealth:**

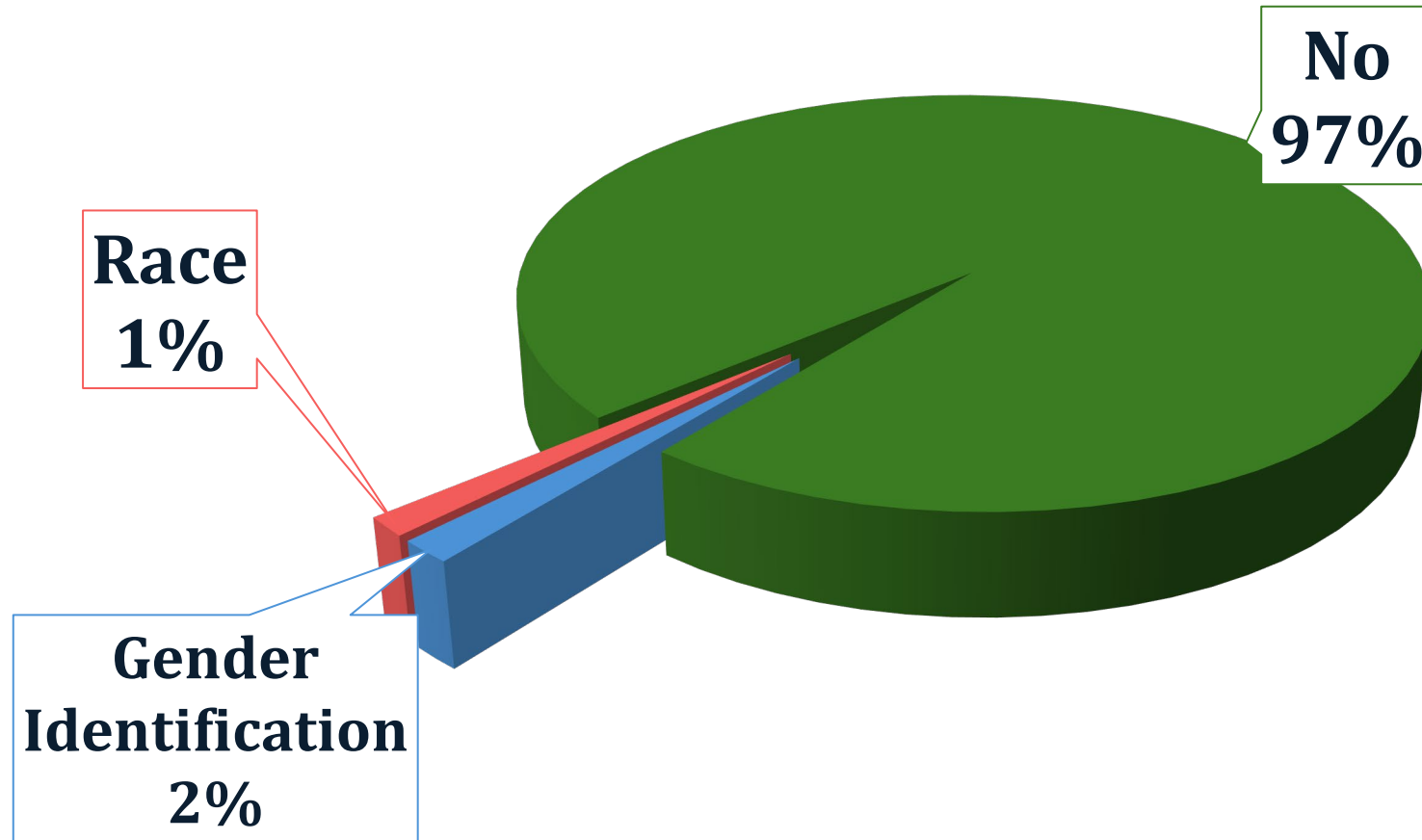
- 152 (18.6%) said they did.

## **If they had not used Telehealth, they were asked why not:**

- 282 (53.7%) said they didn't know it was an option.
- 137 (26%) said it feels too impersonal.
- 60 (11.4%) said they has no computer/ smart phone.
- 50 (9.5%) said they had no internet connection.
- 48 (9.2%) said they have security concerns.

# Respondents Receiving a Different level of Service based on Race and Gender Identification, CHNA 2024

Source: 2024 CHNA Survey





# Preventative Care

# Pneumonia Vaccination

Source: Michigan Behavioral Risk  
Factor Survey 2022-20

According to the Michigan Behavioral  
Risk Factor Survey

- 75.8% of Branch- Hillsdale- St.  
Joseph Residents Aged 65 or older  
received the Pneumonia vaccine  
compared to 72.8% in Michigan.

# Mammograms

Source: Michigan Behavioral Risk Factor  
Survey 2022-20

According to the Michigan Behavioral  
Risk Factor Survey

- 70.1% of Branch- Hillsdale- St.  
Joseph Female Residents Aged 40  
or older received had a  
Mammogram screening in the last  
two years compared to 72.7% in  
Michigan.



# Colorectal Screening

Source: Michigan Behavioral Risk  
Factor Survey 2022-20

According to the Michigan Behavioral  
Risk Factor Survey

- 75.0% of Branch- Hillsdale- St.  
Joseph Residents completed a  
colorectal screening compared to  
75.4% in Michigan.

# Pap Test

Source: Michigan Behavioral Risk Factor Survey 2022-20

According to the Michigan Behavioral Risk Factor Survey

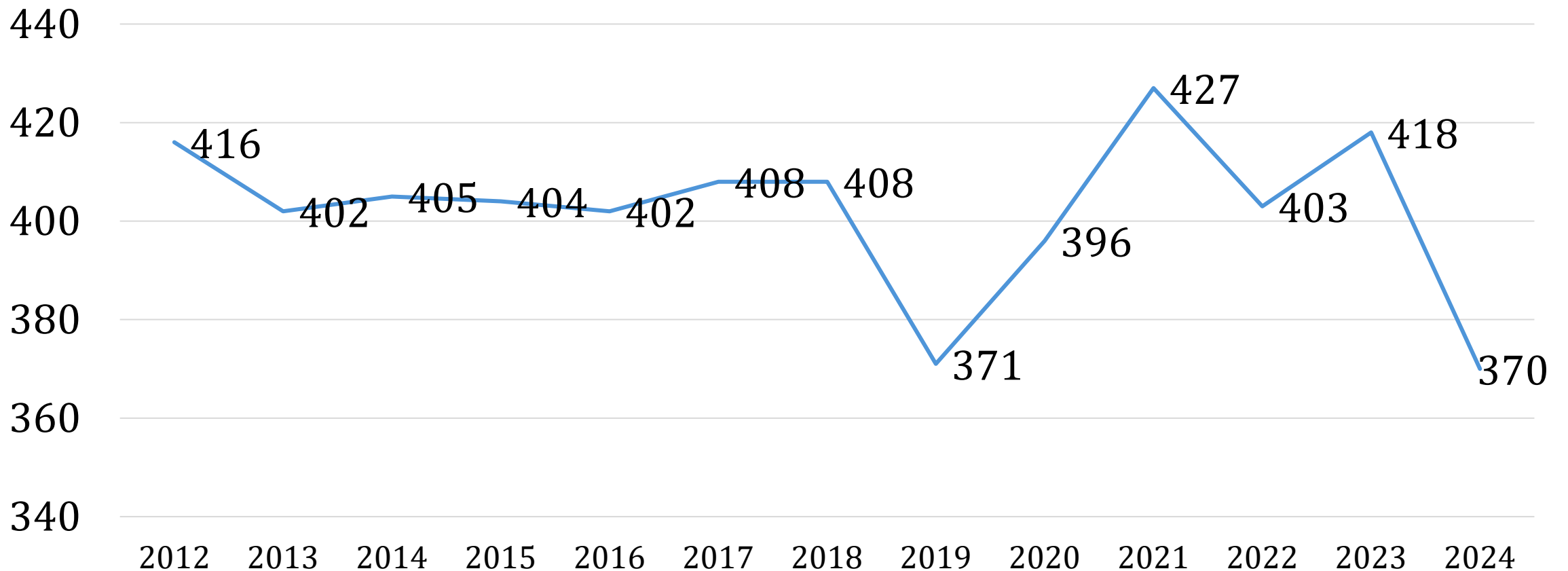
- 32.4% of Branch- Hillsdale- St. Joseph Residents completed a Pap Test compared to 54.6% in Michigan.

A stylized line-art illustration of a human head in profile, facing left. Inside the head is a detailed outline of a brain. Surrounding the head are several decorative elements: four red plus signs (+) and four red exclamation marks (!) arranged in a circular pattern, and several small yellow dots scattered around. The entire graphic is set against a solid gray background.

# Mental Health Issues

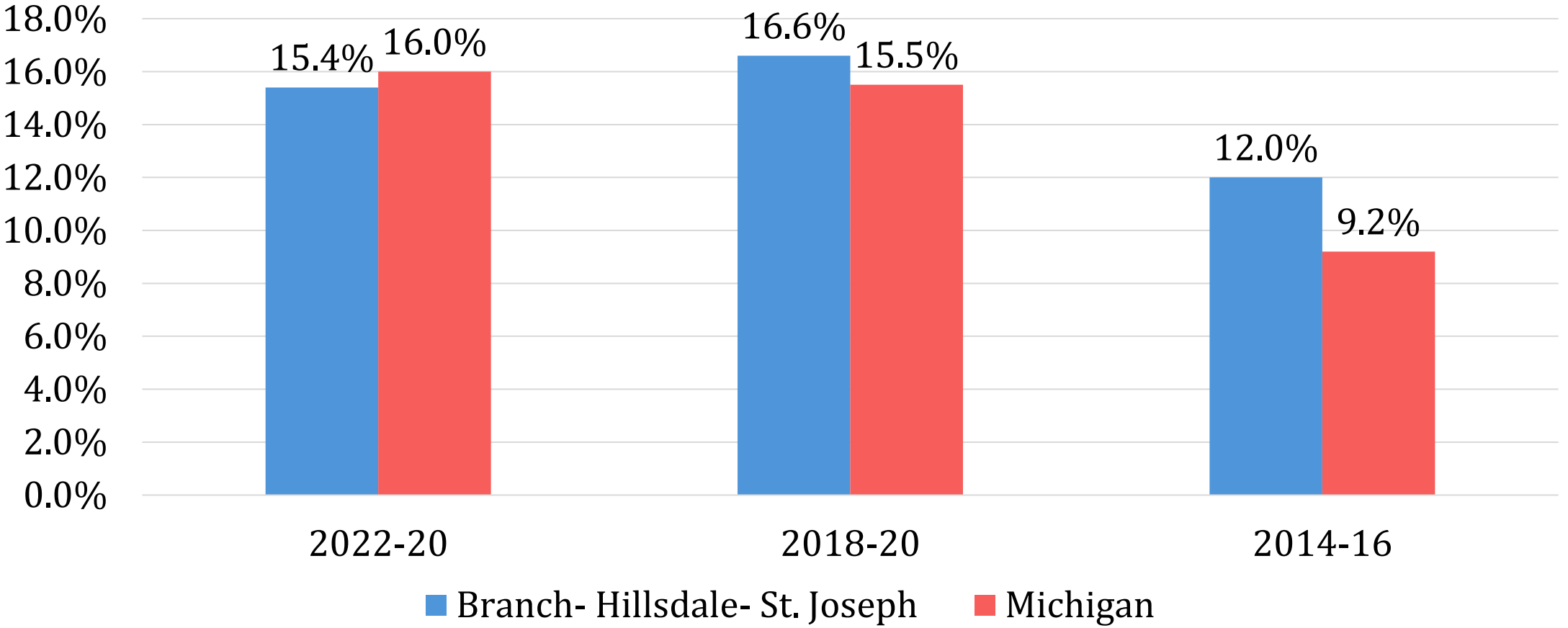
# Inpatient Discharges, Psychiatry, Hillsdale Hospital, 2012- 2024

Source: Hillsdale Hospital, 2012- 2024



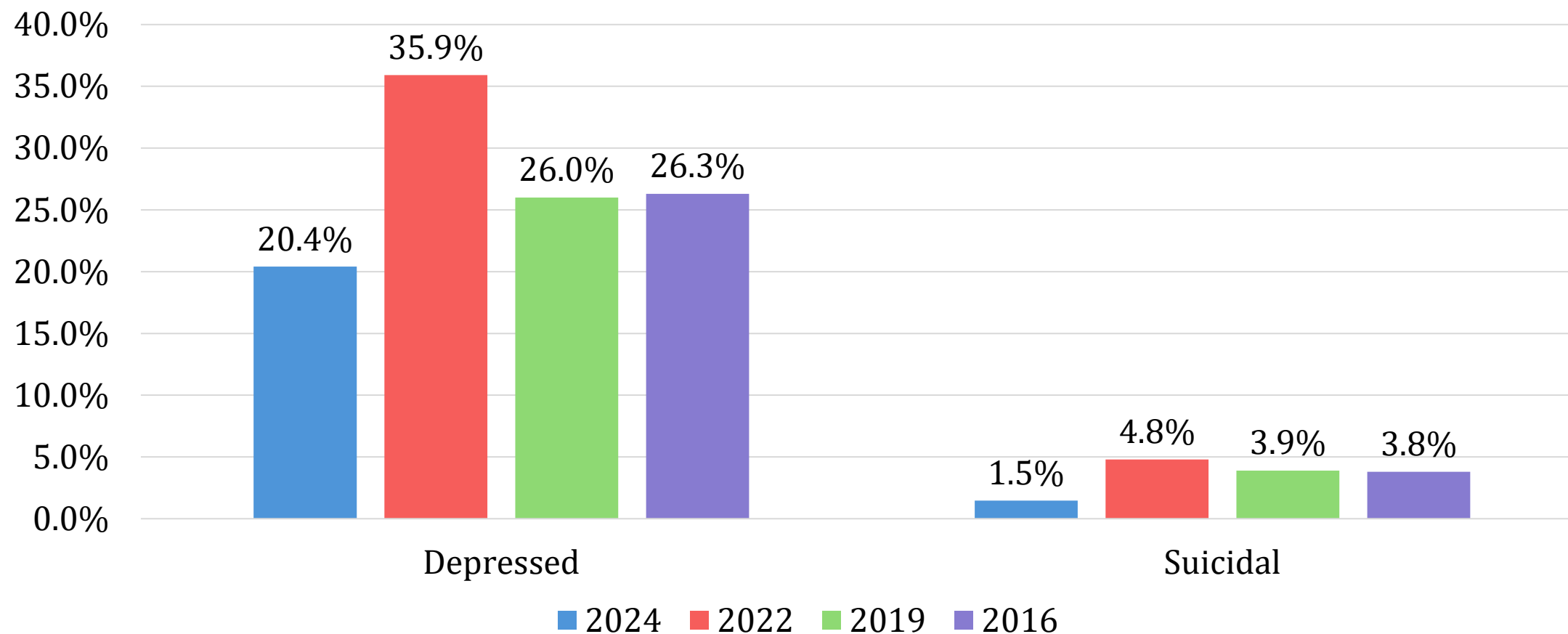
# Poor Mental Health, Branch- Hillsdale St. Joseph Residents Age 18 or Older Compared to Michigan

Source: Michigan Behavioral Risk Factor Survey 2022-20



# Mental Health Issues in the Past Year, CHNA Surveys, 2024, 2022, 2019, 2016

Source: 2024, 2022, 2019 & 2016 CHNA Survey



# Key Takeaways

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- Hillsdale County has a higher percentage of residents without a high school diploma compared to Michigan.
- More Hillsdale County residents are uninsured compared to the national average.
- Hillsdale County has a higher percentage of people in poverty than Michigan and the U.S.
- Most employment in the county is in blue-collar jobs, potentially due to a lack of education or white-collar job opportunities.
- In 2024, more respondents had to choose between food/utilities and prescriptions due to cost.
- One in five women who give birth in Hillsdale County lack a high school diploma, compared to one in ten in Michigan.
- Many mothers in the county are not receiving adequate prenatal care.
- The smoking rate among mothers in Hillsdale County is double the Michigan average.
- The number of respondents who visited their doctor only once or twice decreased by 2.6% since 2022, with 13% possibly not visiting a doctor at all.
- Forty-one percent of respondents are waiting over 2-3 weeks to see a specialist.
- Only 32.4% of Hillsdale residents complete Pap tests, compared to 54.6% statewide in Michigan.

# HSN Recommendations

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What are the major community health issues you feel the hospital can address?

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5.



# HSN Recommendations (2)

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