

Appendices represent data and sources used in the Community Health Needs Assessment report.

## [Appendix A: Community Demographics](#)

Demographics include geography, population change, age, gender, ethnicity, language, education, employment, poverty, and insurance.

## [Appendix B: Community Health Indicators](#)

Indicators include county health rankings (health outcomes and health factors), access to health services, mortality, hospitalizations, risk factors, COVID-19, maternal and infant, aging adults, cancer, behavioral health, violent crimes, and gun violence.

## [Appendix C: Community Input](#)

This includes the survey questions, survey answers, focus group demographics, questions and brief summary of results.

## [Appendix D: Prioritization](#)

### Data Limitations

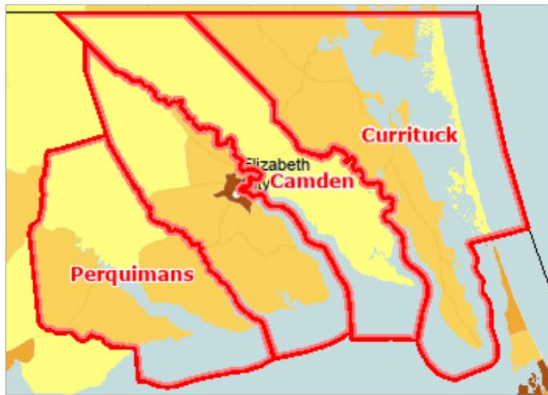
- The data presented represents a snapshot of the population, economic and leading health, and wellness issues in the service area.
- It includes primary data gathered from community surveys and secondary data from health and other sources.
- This information can be used as a guide for helping communities identify leading health issues in the service area.
- Other health issues, data and resources may be available that were not listed here that communities may wish to consider when establishing health priorities.

## Appendix A: Demographics

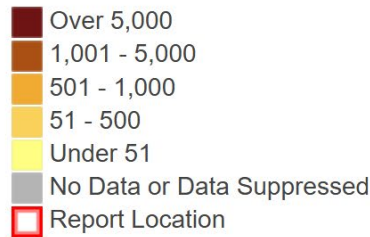
### Total Population

**Figure A.1: Population Density Map**

A total of **94,331** people live in the **976.29 square mile** SAMC area, according to the U.S. Census Bureau American Community Survey 2019-2023 5-year estimates. The population density for this area, estimated at **97 persons per square mile**, is greater than the national average population density of 94 persons per square mile.



**Population, Density (Persons per Sq Mile) by Tract, ACS 2019-23**



### Age Groups

**Table A.1: Total Population by Age Groups, Percent**

Geography	Age 0-4	Age 5-17	Age 18-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65+
SAMC Service Area	5.45%	16.23%	7.85%	12.12%	12.60%	11.98%	14.76%	19.01%
Camden County, NC	5.51%	18.77%	6.64%	11.42%	13.62%	13.33%	14.76%	15.95%
Currituck County, NC	4.96%	17.17%	5.97%	11.46%	13.65%	13.41%	16.12%	17.24%
Pasquotank County, NC	6.08%	15.53%	9.82%	14.05%	12.47%	10.68%	13.29%	18.08%
Perquimans County, NC	4.55%	14.23%	6.96%	8.20%	9.79%	11.66%	16.22%	28.39%
North Carolina	5.65%	16.29%	9.45%	13.37%	12.71%	12.76%	12.88%	16.88%
United States	5.70%	16.46%	9.12%	13.69%	13.08%	12.29%	12.82%	16.84%

Data Source: US Census Bureau, [American Community Survey](#), 2019-23.

## Gender

**Table A.2: Total Population by Gender**

Geography	Male	Female	Male, Percent	Female, Percent
SAMC Service Area	46,626	47,705	49.43%	50.57%
Camden County	5,307	5,436	49.40%	50.60%
Currituck County	14,919	14,693	50.38%	49.62%
Pasquotank County	20,053	20,777	49.11%	50.89%
Perquimans County	6,347	6,799	48.28%	51.72%
North Carolina	5,177,887	5,406,453	48.92%	51.08%
United States	164,545,087	167,842,453	49.50%	50.50%

Data Source: US Census Bureau, [American Community Survey](#), 2019-23.

## Race/Ethnicity

**Table A.3: Total Population by Ethnicity Alone**

Geography	Total Population	Hispanic or Latino Population	Hispanic or Latino Population, Percent	Non-Hispanic Population	Non-Hispanic Population, Percent
SAMC Service Area	94,331	4,655	4.93%	89,676	95.07%
Camden County	10,743	419	3.90%	10,324	96.10%
Currituck County	29,612	1,444	4.88%	28,168	95.12%
Pasquotank County	40,830	2,401	5.88%	38,429	94.12%
Perquimans County	13,146	391	2.97%	12,755	97.03%
North Carolina	10,584,340	1,158,750	10.95%	9,425,590	89.05%
United States	332,387,540	63,131,589	18.99%	269,255,951	81.01%

Data Source: US Census Bureau, [American Community Survey](#), 2019-23.

**Table A.4: Total Population by Race Alone, Percent**

Geography	White	Black	Asian	American Indian or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races
SAMC Service Area	69.79%	20.80%	1.05%	0.26%	0.15%	2.07%	5.89%
Camden County	79.46%	8.29%	0.72%	0.27%	0.23%	2.64%	8.39%
Currituck County	85.64%	5.10%	1.01%	0.17%	0.00%	2.34%	5.74%
Pasquotank County	55.57%	35.17%	1.23%	0.39%	0.28%	1.64%	5.71%
Perquimans County	70.31%	21.76%	0.81%	0.04%	0.02%	2.35%	4.72%
North Carolina	63.26%	20.58%	3.15%	1.05%	0.06%	4.78%	7.12%
United States	63.44%	12.36%	5.82%	0.88%	0.19%	6.60%	10.71%

Data Source: US Census Bureau, [American Community Survey](#), 2019-23.

## Language

**Table A.5: Population with Limited English Proficiency**

*This indicator measures the percentage of the population aged 5 and older who speak a language other than English at home and speak English less than "very well".*

Geography	Population Age 5+	Population Age 5+ with Limited English Proficiency	Population Age 5+ with Limited English Proficiency, Percent
SAMC Service Area	89,188	1,112	1.25%
Camden County	10,151	46	0.45%
Currituck County	28,142	554	1.97%
Pasquotank County	38,347	413	1.08%
Perquimans County	12,548	99	0.79%
North Carolina	9,986,027	489,594	4.90%
United States	313,447,641	26,299,012	8.39%

Data Source: US Census Bureau, [American Community Survey](#), 2019-23.

## Education

**Table A.6: No High School Diploma**

Geography	Total Population Age 25+	Population Age 25+ with No High School Diploma	Population Age 25+ with No High School Diploma, Percent
SAMC Service Area	66,471	5,915	8.90%
Camden County	7,422	521	7.02%
Currituck County	21,289	1,298	6.10%
Pasquotank County	27,998	2,800	10.00%
Perquimans County	9,762	1,296	13.28%
North Carolina	7,261,810	744,581	10.25%
United States	228,434,661	24,230,217	10.61%

Data Source: US Census Bureau, [American Community Survey](#). 2019-23.

## Employment

**Table A.7: Unemployment Rate (ACS 5-Year)**

Geography	Labor Force	Number Unemployed	Unemployment Rate
SAMC Service Area	46,119	2,215	4.80%
Camden County	5,434	259	4.88%
Currituck County	15,831	448	2.93%
Pasquotank County	19,502	1,239	6.59%
Perquimans County	5,352	269	5.04%
North Carolina	5,351,978	253,256	4.83%
United States	169,855,626	8,759,317	5.20%

Data Source: US Census Bureau, [American Community Survey](#). 2019-23.

## Poverty

**Table A.8: Population Below 100% FPL**

Note: The total population measurements for poverty reports are lower than population totals for some other indicators, as poverty data collection does not include people in group quarters.

Geography	Total Population	Population in Poverty	Population in Poverty, Percent
SAMC Service Area	91,392	8,106	8.87%
Camden County	10,693	537	5.02%
Currituck County	29,434	2,248	7.64%
Pasquotank County	38,146	3,827	10.03%
Perquimans County	13,119	1,494	11.39%
North Carolina	10,297,193	1,355,827	13.17%
United States	324,567,147	40,390,045	12.44%

Data Source: US Census Bureau, [American Community Survey](#). 2019-23.

## Insurance

**Table A.9: Insured Population and Provider Type**

*Note: Percentages may exceed 100% as individuals may have more than one form of health insurance.*

Geography	Total Population (For Whom Insurance Status is Determined)	Population with Health Insurance	Percentage with Private Insurance	Percentage with Public Insurance
SAMC Service Area	91,873	83,661	79.38%	40.46%
Camden County	10,621	10,298	86.05%	28.71%
Currituck County	29,001	26,249	85.34%	33.27%
Pasquotank County	39,147	35,351	75.53%	44.04%
Perquimans County	13,104	11,763	71.84%	56.04%
North Carolina	10,366,704	9,292,781	74.81%	39.49%
United States	327,425,278	299,424,402	73.62%	39.70%

*Data Source: US Census Bureau, American Community Survey. 2019-23.*

**Table A.10: Uninsured Population (SAHIE)**

Geography	Total Population Age 0-64	Pop. Age 0-64 w/ Insurance	Pop. Age 0-64 w/ Insurance, Percent	Pop. Age 0-64 w/o Insurance	Pop. Age 0-64 w/o Insurance, Percent
SAMC Service Area	75,382	67,839	89.99%	7,543	10.01%
Camden County	9,302	8,427	90.59%	875	9.41%
Currituck County	25,789	23,253	90.17%	2,536	9.83%
Pasquotank County	30,908	27,851	90.11%	3,057	9.89%
Perquimans County	9,383	8,308	88.54%	1,075	11.46%
North Carolina	8,551,937	7,590,309	88.76%	961,628	11.24%
United States	269,100,387	243,405,665	90.45%	25,694,722	9.55%

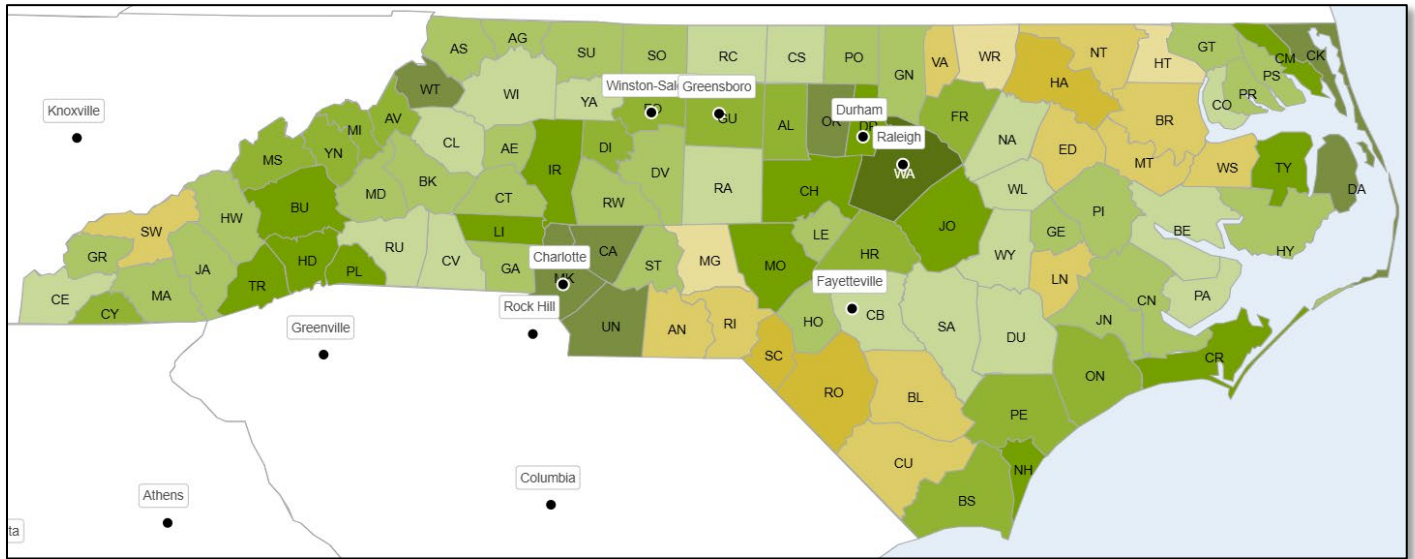
*Data Source: US Census Bureau, Small Area Health Insurance Estimates. 2022.*

## Appendix B: Community Health Indicators

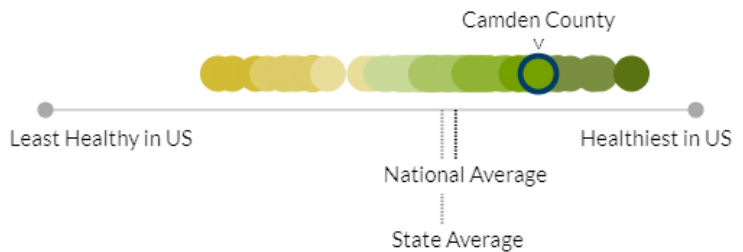
### County Health Rankings

**Health Outcomes** tell us how long people live on average within a community, and how much physical and mental health people experience in a community while they are alive (Source: RWJ).

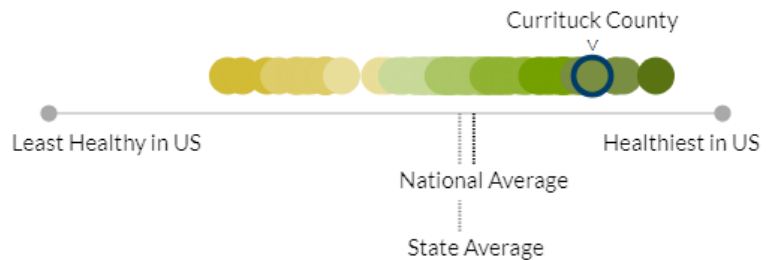
**Figure B.1: Health Outcomes Rankings for North Carolina, RWJ, 2024**



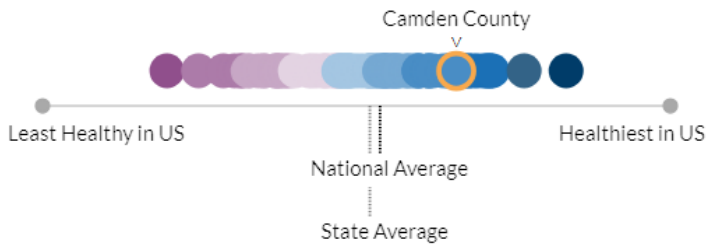
**Figure B.2: Camden County** is faring better than the average county in North Carolina and better than the average county in the nation.



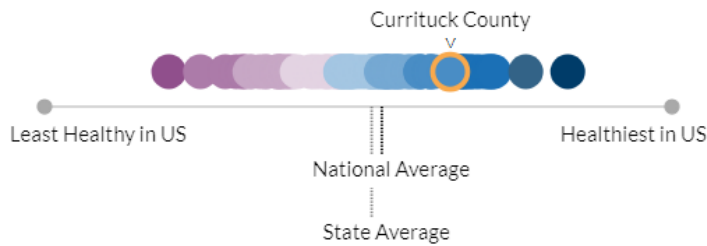
**Figure B.3: Currituck County** is faring better than the average county in North Carolina for health outcomes and better than the average county in the nation.



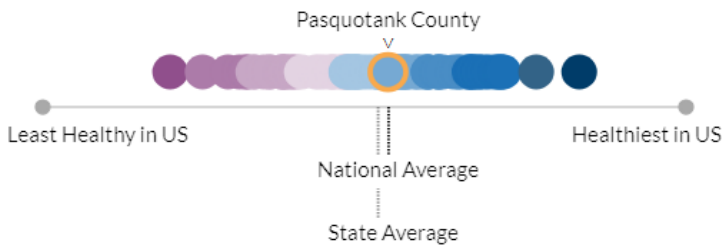




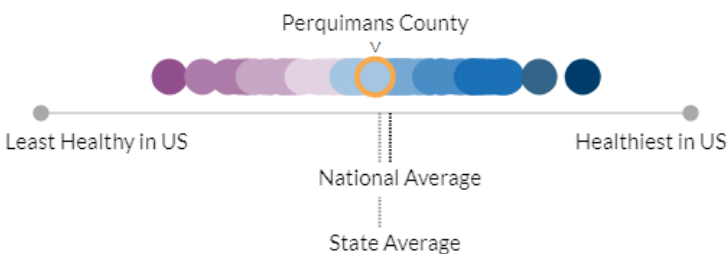
**Figure B.7: Camden County** is faring better than the average county in North Carolina for health factors and slightly better than the average county in the nation.



**Figure B.8: Currituck County** is faring better than the average county in North Carolina for health factors and slightly better than the average county in the nation



**Figure B.9: Pasquotank County** is faring slightly better than the average county in North Carolina for health factors and about the same as the average county in the nation.



**Figure B.10: Perquimans County** is faring about the same as the average county in North Carolina for health factors and slightly worse than the average county in the nation.

## Access to Health Services

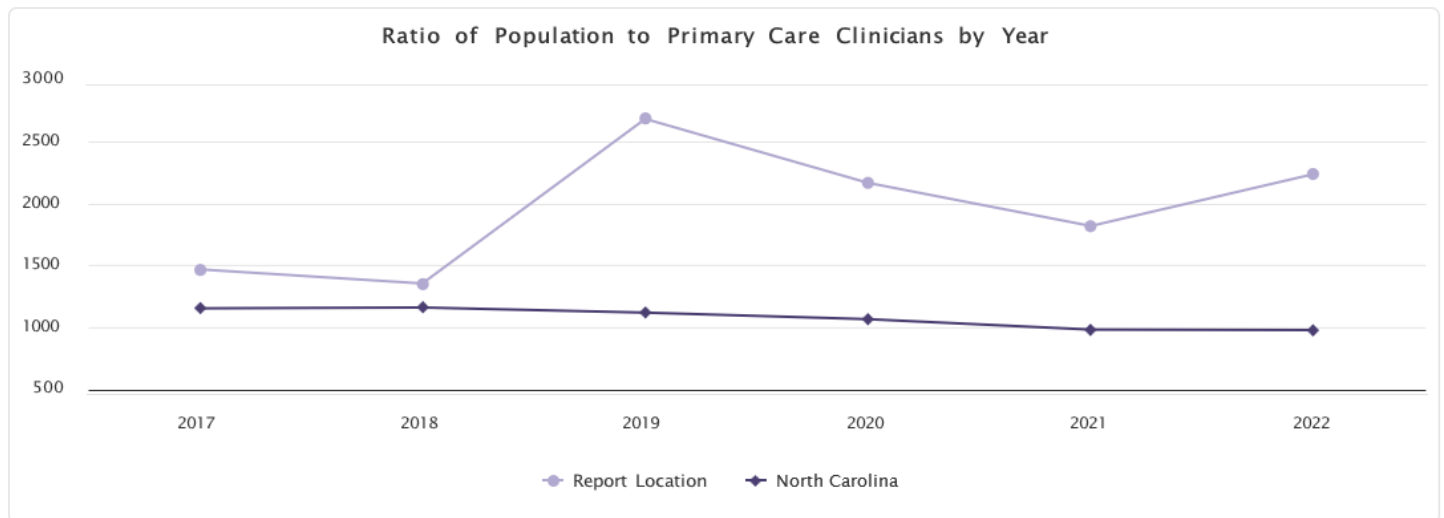
**Table B.1: Access to Care - Primary Care Providers**

This indicator reports the number of providers with a CMS National Provider Identifier (NPI) that specialize in primary care. Primary health providers include practicing physicians specializing in general practice medicine, family medicine, internal medicine, and pediatrics. The number of facilities that specialize in primary health care are also listed (but are not included in the calculated rate).

Geography	Total Population (2020)	Number of Facilities	Number of Providers	Providers, Rate per 100,000 Population
SAMC Service Area	92,028	28	52	56.50
Camden County	10,355	1	2	19.31
Currituck County	28,100	7	10	35.59
Pasquotank County	40,568	19	38	93.67
Perquimans County	13,005	1	2	15.38
North Carolina	10,439,388	4,456	11,146	106.77
United States	334,735,155	129,797	389,218	116.28

Data Source: Centers for Medicare and Medicaid Services, *CMS - National Plan and Provider Enumeration System (NPES)*. December 2024.

**Figure B.10: Ratio of Population to Primary Care Clinicians by Year<sup>1</sup>**



Data Source: Sheps Center, *University of North Carolina*. 2022.

<sup>1</sup> Report location refers to SAMC's four county service area (Camden, Currituck, Pasquotank and Perquimans)

**Table B.2: Access to Care - Mental Health Providers**

*This indicator reports the number of providers with a CMS National Provider Identifier (NPI) that specialize in mental health. Mental health providers include licensed clinical social workers and other credentialed professionals specializing in psychiatry, psychology, counseling, or child, adolescent, or adult mental health. The number of facilities that specialize in mental health are also listed (but are not included in the calculated rate).*

Geography	Total Population (2020)	Number of Facilities	Number of Providers	Providers, Rate per 100,000 Population
SAMC Service Area	92,028	35	137	148.87
Camden County	10,355	2	4	38.63
Currituck County	28,100	1	16	56.94
Pasquotank County	40,568	25	106	261.29
Perquimans County	13,005	7	11	84.58
North Carolina	10,439,388	5,499	32,100	307.49
United States	334,735,155	141,278	1,045,976	312.48

Data Source: Centers for Medicare and Medicaid Services, [CMS - National Plan and Provider Enumeration System \(NPPES\)](#). December 2024.

**Table B.3: Access to Care - Federally Qualified Health Centers**

*This indicator reports the number of Federally Qualified Health Centers (FQHCs) in the community. This indicator is relevant because FQHCs are community assets that provide health care to vulnerable populations; they receive extra funding from the federal government to promote access to ambulatory care in areas designated as medically underserved.*

Geography	Total Population (2020)	Number of Federally Qualified Health Centers	Rate of Federally Qualified Health Centers per 100,000 Population
SAMC Service Area	92,028	1	1.09
Camden County	10,355	0	0.00
Currituck County	28,100	0	0.00
Pasquotank County	40,568	1	2.46
Perquimans County	13,005	0	0.00
North Carolina	10,439,388	464	4.44
United States	334,735,155	12,138	3.63

Data Source: US Department of Health & Human Services, Center for Medicare & Medicaid Services, [Provider of Services File](#). 2024.

**Table B.4: Access to Care - Health Professional Shortage Areas - Dental Care**

Geography	Total Population (ACS 2019 5-Year Estimates)	Dental Health Care HPSA Designation Population	HPSA Designation Population, Percentage of Total	Percentage of HPSA Population Underserved
SAMC Service Area	89,858	54,690	60.86%	71.59%
Camden County	10,551	10,551	100.00%	100.00%
Currituck County	26,363	26,187	99.33%	46.73%
Pasquotank County	39,514	13,565	34.33%	88.31%
Perquimans County	13,430	4,387	32.67%	100.00%
North Carolina	10,264,876	2,866,193	27.92%	78.21%
United States	324,697,795	54,288,291	16.72%	67.52%

Data Source: US Department of Health & Human Services, Health Resources and Services Administration, [HRSA - Health Professional Shortage Areas Database](#). 2024.

A Health Professional Shortage Area (HPSA) is a designation given by the Health Resources and Services Administration (HRSA) in the United States to identify geographic areas, populations, or facilities that lack sufficient health care professionals to meet the health needs of the community. HPSAs are categorized into three main types based on the specific type of health professional shortage:

This indicator reports the total population in the SAMC area that is living in a dental health care Health Professional Shortage Area, regardless of the degree of shortage, or whether the HPSA covers the entire geographic area or a population subgroup.

Within the SAMC area, there are 54,690 people living in a dental health care Health Professional Shortage Area. This means 60.86% of people likely don't have reliable or affordable access to a dentist.

## Mortality

**Table B.5: Mortality - Life Expectancy**

Geography	Total Population	Life Expectancy at Birth (2019-21)
SAMC Service Area	86,560	75.8
Camden County	10,143	77.6
Currituck County	27,119	77.2
Pasquotank County	37,478	74.3
Perquimans County	11,819	75.8
North Carolina	9,837,752	76.6
United States	307,250,254	77.7

Data Source: University of Wisconsin Population Health Institute, [County Health Rankings](#). 2019-2021.

## Hospitalizations

**Table B.6: Hospitalizations - Emergency Room Visits**

*This indicator reports the number and rate of emergency room (ER) visits among Medicare beneficiaries age 65 and older.*

Geography	Medicare Part A and B Beneficiaries	Emergency Room Visits	Emergency Room Visits, Rate (per 1,000 Beneficiaries)
SAMC Service Area	20,112	9,640	706.0
Camden County	1,985	950	659.7
Currituck County	5,721	2,478	595.0
Pasquotank County	8,466	4,432	818.0
Perquimans County	3,940	1,780	676.5
North Carolina	2,000,090	544,995	564.0
United States	59,319,668	17,059,786	575.6

*Data Source: Centers for Medicare and Medicaid Services, CMS - Geographic Variation Public Use File . 2022.*

**Table B.7: Hospitalizations - Heart Disease**

*This indicator reports the hospitalization rate for coronary heart disease among Medicare beneficiaries age 65 and older for hospital stays occurring between 2019 and 2021.*

Geography	Medicare Beneficiaries	Cardiovascular Disease Hospitalizations, Rate per 1,000
SAMC Service Area	19,905	12.9
Camden County	1,953	13.1
Currituck County	5,634	13.0
Pasquotank County	8,410	13.2
Perquimans County	3,908	11.8
North Carolina	1,979,171	9.5
United States	57,702,494	9.6

*Data Source: Centers for Disease Control and Prevention, CDC - Atlas of Heart Disease and Stroke . 2019-2021.*

**Table B.8: Hospitalizations - Preventable Conditions**

*This indicator reports the unsmoothed age-adjusted rate of Prevention Quality Overall Composite (PQI #90) for Medicare FFS population in 2022. Data were obtained from the CMS Mapping Medicare Disparities tool.*

Geography	FFS Beneficiaries	Prevention Quality Overall Composite (PQI #90), Total	Prevention Quality Overall Composite (PQI #90), Rate per 100,000
SAMC Service Area	14,265	434	3,041
Camden County	1,441	49	3,433
Currituck County	4,269	145	3,386
Pasquotank County	5,762	175	3,044
Perquimans County	2,793	64	2,304
North Carolina	1,030,968	27,527	2,670
United States	30,900,366	823,804	2,666

*Data Source: Centers for Medicare and Medicaid Services, Mapping Medicare Disparities Tool. 2022.*

**Table B.9: Hospitalizations - Stroke**

This indicator reports the hospitalization rate for Ischemic stroke among Medicare beneficiaries age 65 and older for hospital stays occurring between 2018 and 2021.

Geography	Medicare Beneficiaries	Ischemic Stroke Hospitalizations, Rate per 1,000
SAMC Service Area	19,701	9.8
Camden County	1,904	10.3
Currituck County	5,392	9.1
Pasquotank County	8,494	10.7
Perquimans County	3,911	8.8
North Carolina	74,733	9.5
United States	58,670,593	8.0

Data Source: Centers for Disease Control and Prevention, *CDC - Atlas of Heart Disease and Stroke*. 2018-2020.

## Risk Factors and Behavioral Health

### Obesity

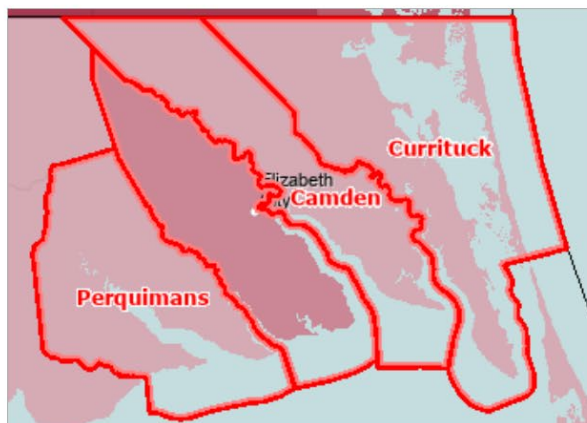
**Table B.10: Percentage of Adults who are Obese**

This indicator reports the number and percentage of adults aged 20 and older self-report having a Body Mass Index (BMI) greater than 30.0 (obese).

Geography	Population Age 20+	Adults with BMI > 30.0 (Obese)	Adults with BMI > 30.0 (Obese), Percent
SAMC Service Area	71,890	16,793	23.3%
Camden County	8,084	1,447	17.7%
Currituck County	22,550	5,209	22.8%
Pasquotank County	30,819	8,321	27.1%
Perquimans County	10,437	1,816	17.5%
North Carolina	7,962,672	2,371,515	29.7%
United States	232,757,930	70,168,831	30.1%

Data Source: Centers for Disease Control and Prevention, *National Center for Chronic Disease Prevention and Health Promotion*. 2021.

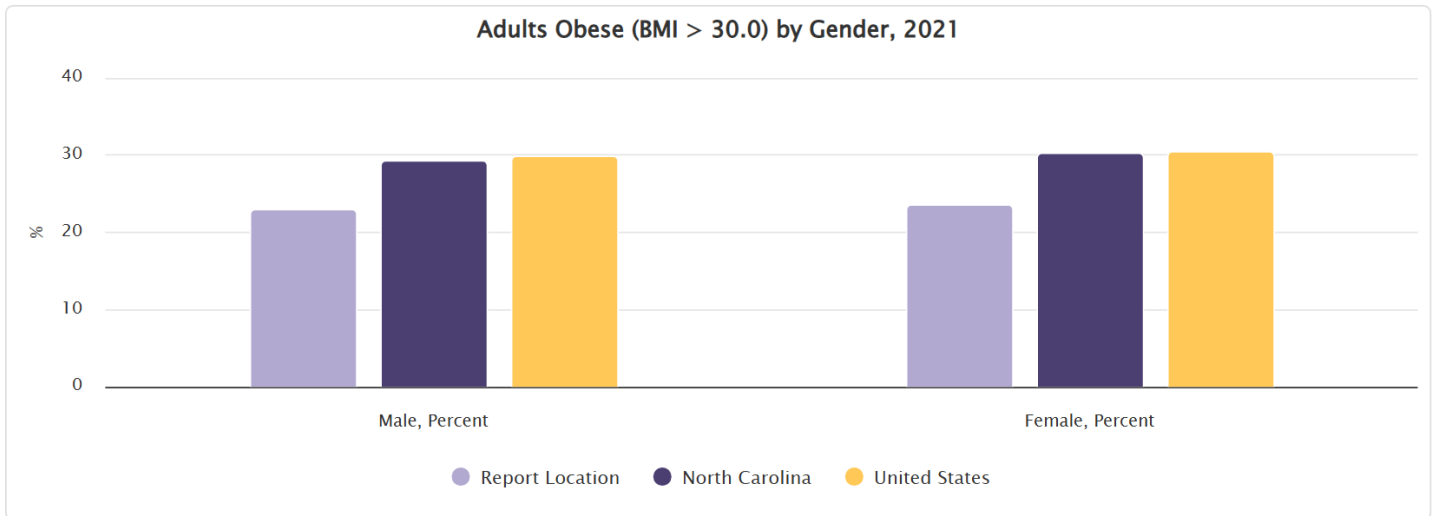
**Figure B.11: Percent of Obese Adults by County**



**Obese (BMI >= 30), Adults Age 20+, Percent by County, CDC NCCDPHP 2021**

- Over 34.0%
- 30.1 - 34.0%
- 26.1 - 30.0%
- Under 26.1%
- No Data or Data Suppressed
- Report Location

**Figure B.12: Adult Obesity by Gender**



## Alcohol Use

**Table B.11: Heavy Alcohol Consumption**

Data for this indicator were based on survey responses to the 2021 Behavioral Risk Factor Surveillance System (BRFSS) annual survey and are used for the 2024 County Health Rankings.

Excessive drinking is defined as the percentage of the population who report at least one binge drinking episode involving five or more drinks for men and four or more for women over the past 30 days, or heavy drinking involving more than two drinks per day for men and more than one per day for women, over the same time period.

Geography	Population Age 18+	Adults Reporting Excessive Drinking	Percentage of Adults Reporting Excessive Drinking
SAMC Service Area	74,382	13,392	18.01%
Camden County	8,374	1,589	18.98%
Currituck County	23,071	4,637	20.10%
Pasquotank County	32,235	5,536	17.18%
Perquimans County	10,702	1,628	15.21%
North Carolina	8,288,020	1,511,768	18.24%
United States	259,746,218	47,041,079	18.11%

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Accessed via [County Health Rankings](#). 2021.

## Prevention

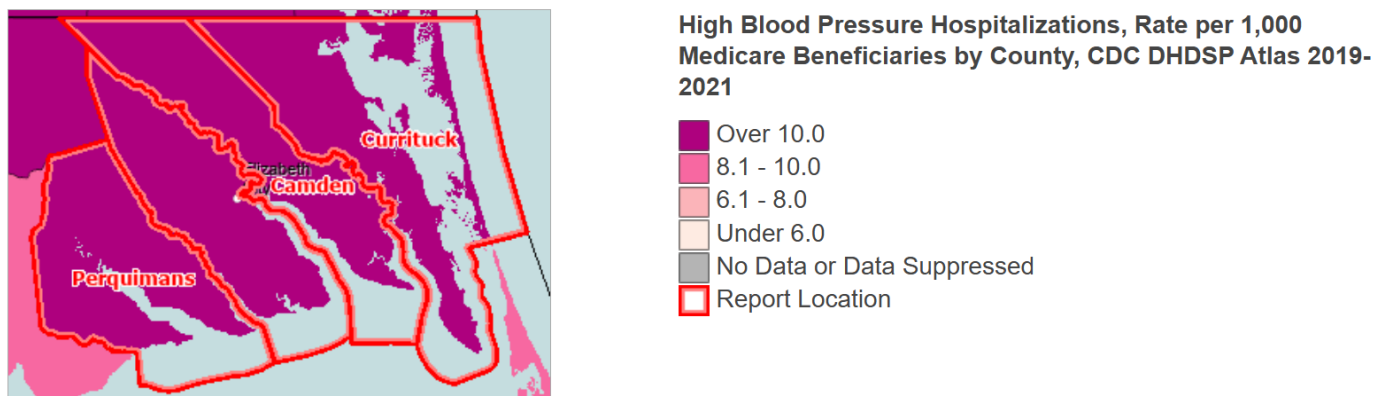
**Table B.12: High Blood Pressure Management (Medicare)**

This indicator reports the number and percentage of Medicare beneficiaries not adhering to blood pressure medication schedules. Nonadherence is defined as having medication coverage days at less than 80%.

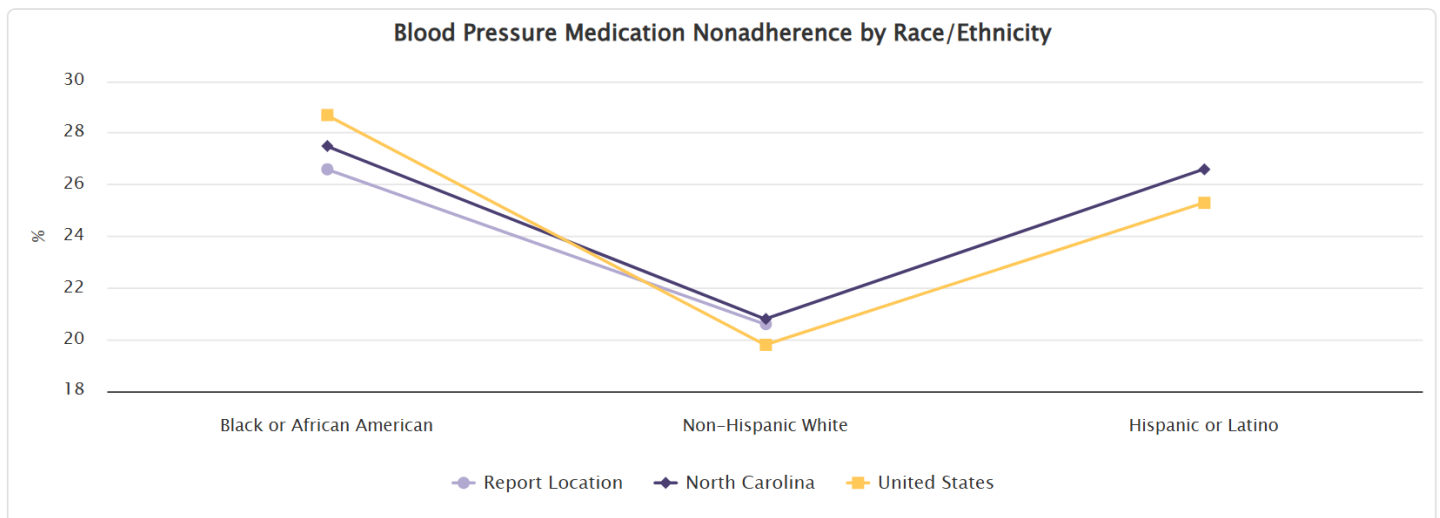
Geography	Medicare Beneficiaries	Blood Pressure Medication Nonadherence, Percentage
SAMC Service Area	19,905	22.2%
Camden County	1,953	22.4%
Currituck County	5,634	20.8%
Pasquotank County	8,410	22.8%
Perquimans County	3,908	22.6%
North Carolina	1,979,194	22.1%
United States	58,042,068	21.1%

Data Source: Centers for Disease Control and Prevention, *CDC - Atlas of Heart Disease and Stroke* . 2019-2021

**Figure B.13: Map of High Blood Pressure Hospitalizations by County**



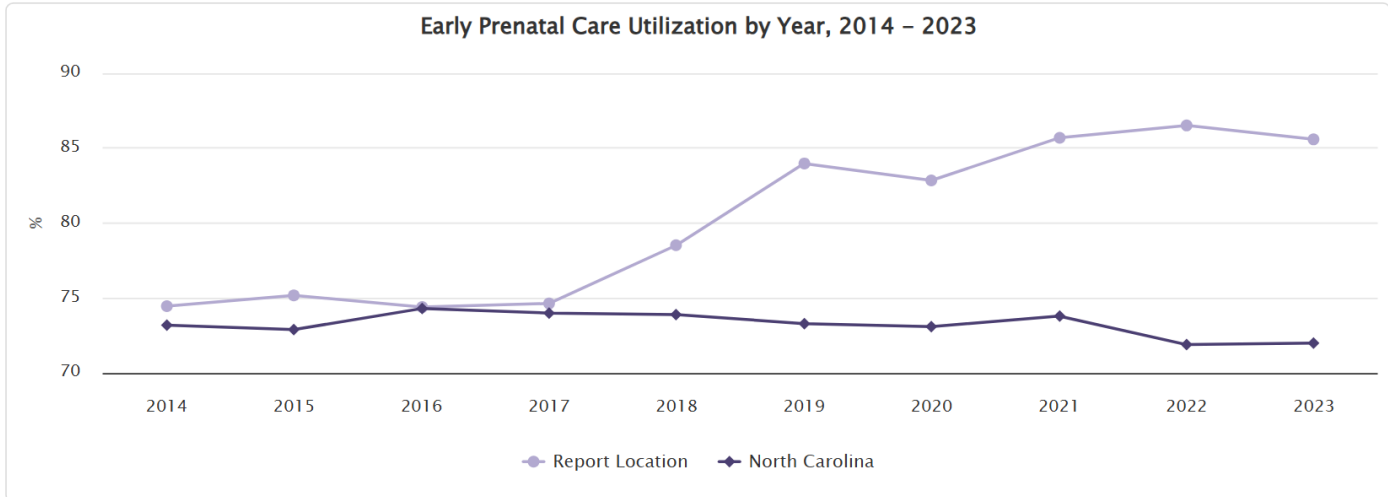
**Figure B.14: Blood Pressure Medication Nonadherence by Race/Ethnicity**



## Maternal and Infant Health

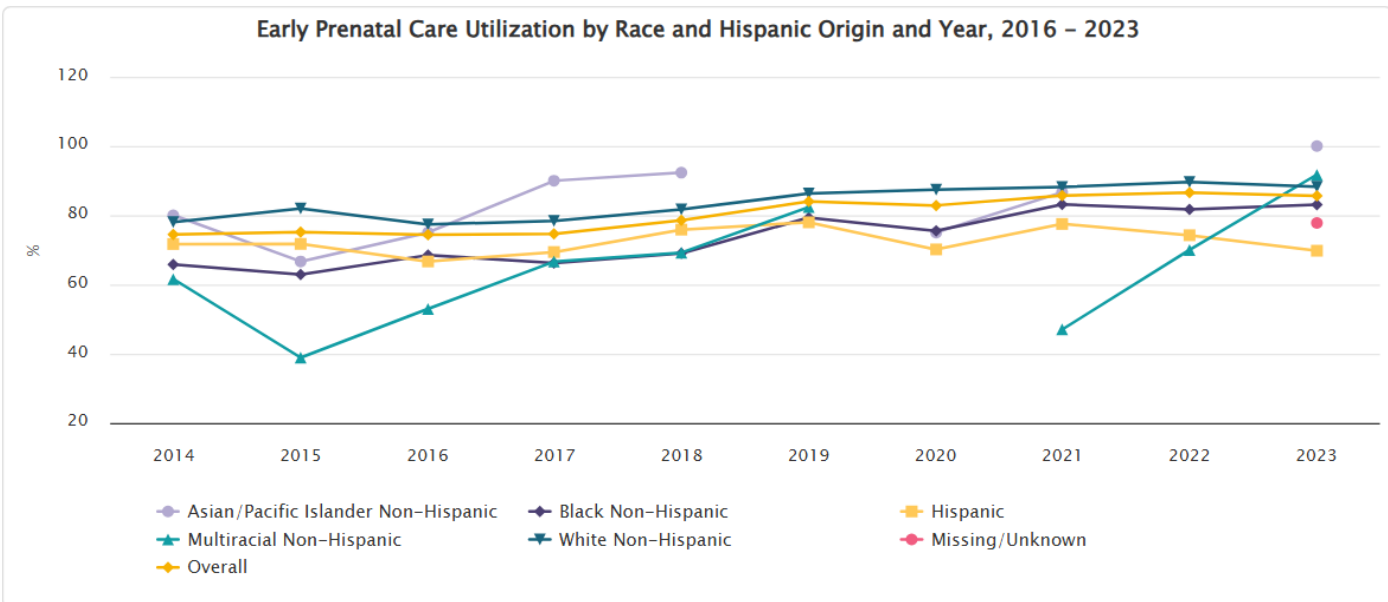
### Early Prenatal Care Utilization

**Figure B.15: Early Prenatal Care Utilization by Year**



Data Source: North Carolina Department of Health and Human Services, [North Carolina State Center for Health Statistics](#), [Vital Statistics](#). Data directly obtained via email from NCDHHS. 2023.

**Figure B.16: Early Prenatal Care Utilization by Race and Hispanic Origin and Year**



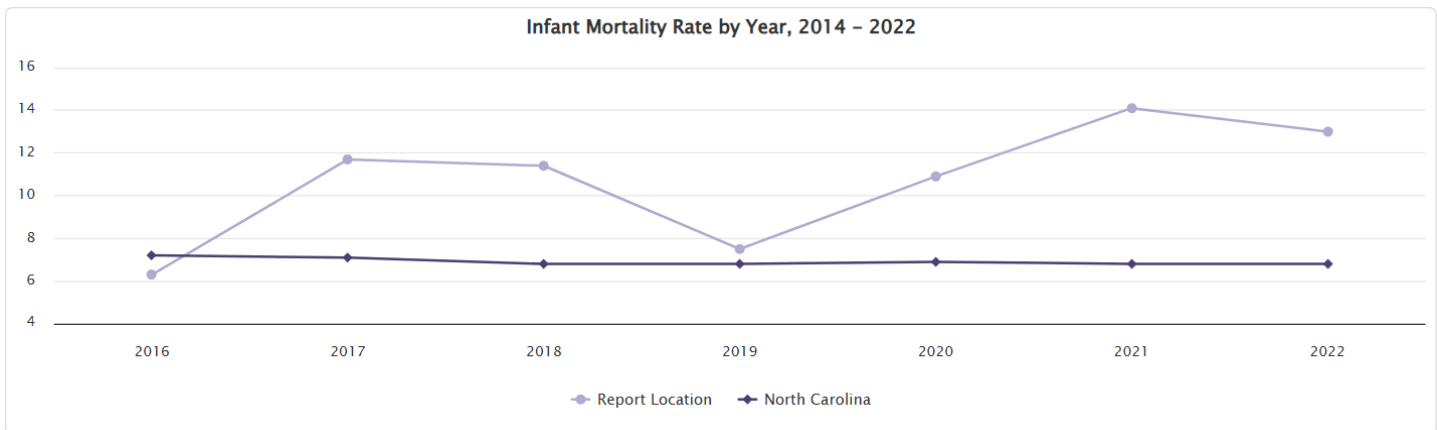
## Infant Mortality

**Table B.13: Infant Mortality Rate**

Geography	Infant Deaths	Infant Deaths, Rate per 1,000 Live Births
SAMC Service Area	7	13
Camden County	0	0
Currituck County	0	0
Pasquotank County	5	10.9
Perquimans County	2	18.2
North Carolina	828	6.8

Data Source: North Carolina Department of Health and Human Services, [North Carolina State Center for Health Statistics, Vital Statistics](#). Data directly obtained via email from NCDHHS. 2023.

**Figure B.17: Infant Mortality Rate by Year**



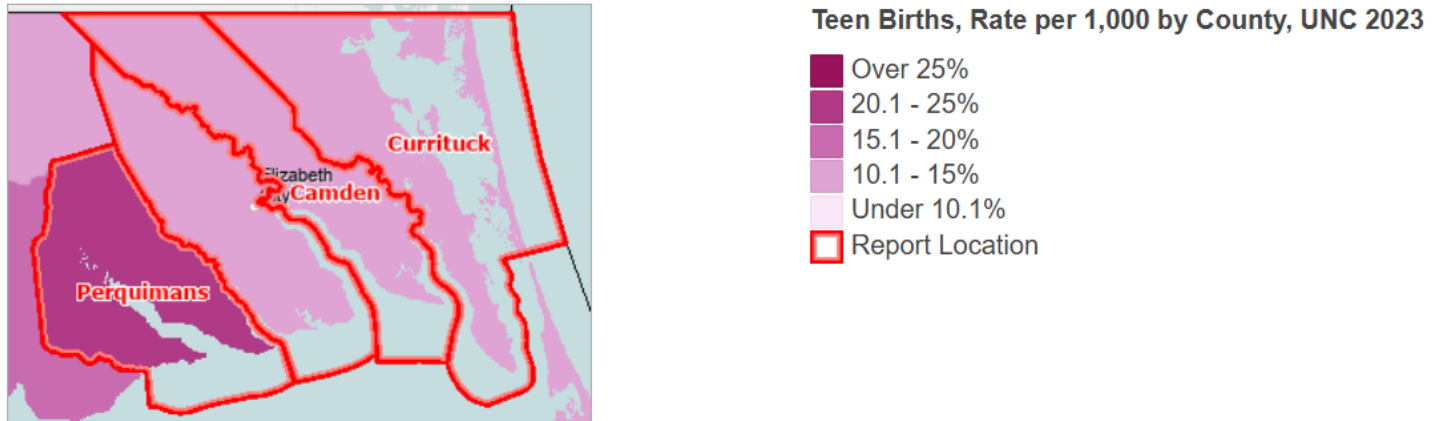
## Teen Births

**Table B.14: Teen Birth Rate**

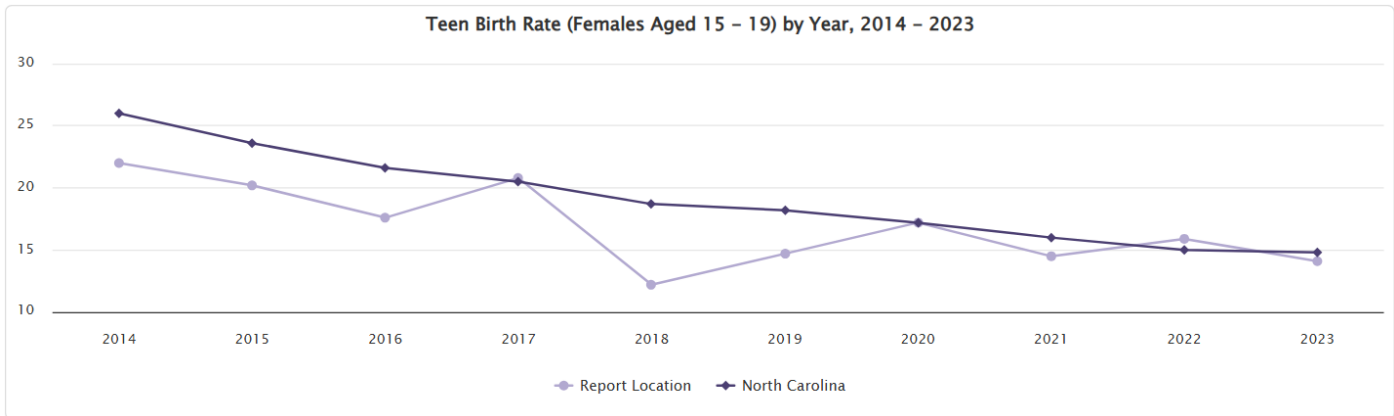
Geography	Female Population Age 15-19	Teen Births	Teen Births, Rate per 1,000 Population
SAMC Service Area	2,980	42	14.1
Camden County	350	4	11.4
Currituck County	895	11	12.3
Pasquotank County	1,350	19	14.1
Perquimans County	385	8	20.8
North Carolina	353,896	5,237	14.8

Data Source: North Carolina Department of Health and Human Services, [North Carolina Department of Adult Correction](#). Data directly obtained via email from NCDHHS. 2023.

**Figure B.18: Teen Birth Rate by County**



**Figure B.19: Teen Birth Rate by Year**



## Cancer

**Table B.15: Cancer Incidence - All Sites**

*This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of cancer (all sites) adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older).*

Geography	Estimated Total Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Population)
SAMC Service Area	125,072	476	380.6
Camden County	13,407	46	343.1
Currituck County	36,941	115	311.3
Pasquotank County	50,925	220	432.0
Perquimans County	23,797	95	399.2
North Carolina	12,750,861	59,215	464.4
United States	383,976,486	1,698,328	442.3

Data Source: *State Cancer Profiles, 2016-20.*

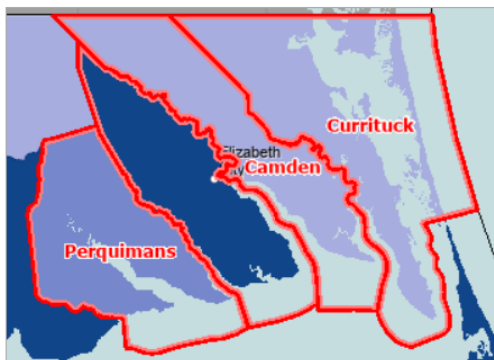
**Table B.16: Cancer Incidence - Breast**

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of females with breast cancer adjusted to 2000 U.S. standard population age groups (Under Age 1, 1-4, 5-9, ..., 80-84, 85 and older).

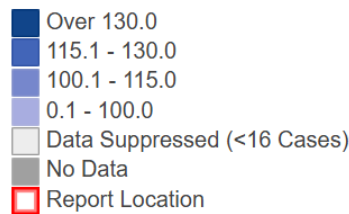
Geography	Estimated Total Population (Female)	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Females)
SAMC Service Area	63,905	70	109.5
Camden County	6,578	6	91.2
Currituck County	18,750	15	80.0
Pasquotank County	26,296	35	133.1
Perquimans County	12,280	14	114.0
North Carolina	6,656,976	9,160	137.6
United States	196,653,543	249,750	127.0

Data Source: [State Cancer Profiles](#). 2016-20.

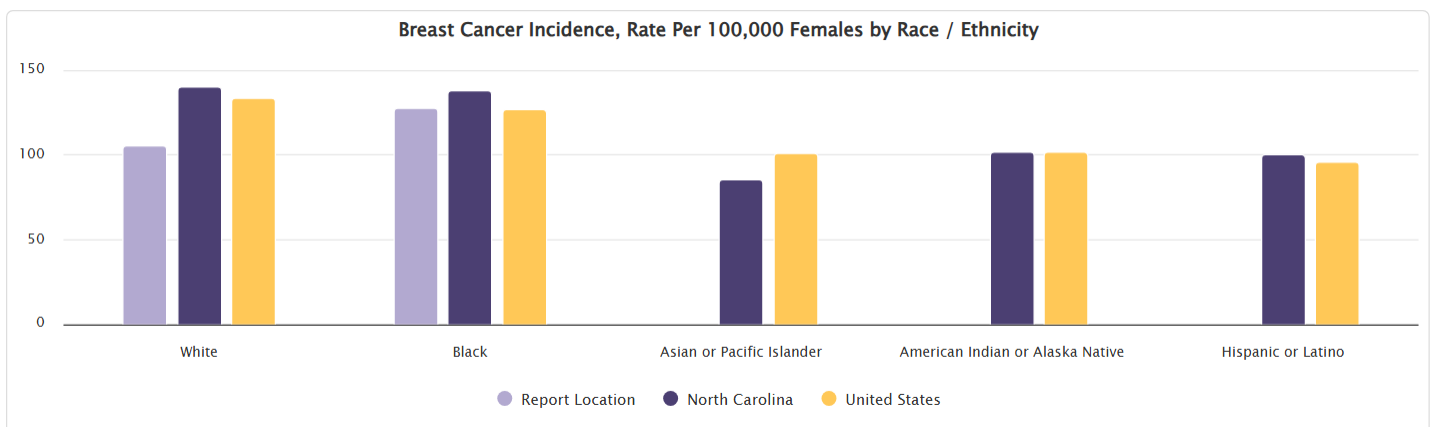
**Figure B.20: Breast Cancer Incidence Rate by County**



Breast Cancer, Incidence Rate (Per 100,000 Females) by County, State Cancer Profiles 2016-20



**Figure B.21: Breast Cancer Incidence Rate by Race/Ethnicity**



**Table B.17: Cancer Incidence - Colon and Rectum**

*This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of colon and rectum cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older).*

Geography	Estimated Total Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Population)
SAMC Service Area	123,809	38	30.7
Camden County	13,071	4	30.6
Currituck County	36,000	9	25.0
Pasquotank County	47,619	17	35.7
Perquimans County	27,118	8	29.5
North Carolina	12,452,722	4,346	34.9
United States	378,139,726	138,021	36.5

Data Source: *State Cancer Profiles*. 2016-20.

**Table B.18: Cancer Incidence - Lung**

*This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of lung cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older).*

Geography	Estimated Total Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Population)
SAMC Service Area	131,984	77	58.3
Camden County	14,373	7	48.7
Currituck County	38,745	21	54.2
Pasquotank County	54,432	35	64.3
Perquimans County	24,432	14	57.3
North Carolina	13,246,815	8,319	62.8
United States	398,716,666	215,307	54.0

Data Source: *State Cancer Profiles*. 2016-20.

**Table B.19: Cancer Incidence - Prostate**

*This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of males with prostate cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older).*

Geography	Estimated Total Population (Male)	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Males)
SAMC Service Area	63,306	72	113.7
Camden County	6,711	6	89.4
Currituck County	19,169	18	93.9
Pasquotank County	24,626	33	134.0
Perquimans County	12,798	15	117.2
North Carolina	6,332,526	7,846	123.9
United States	192,519,457	212,734	110.5

Data Source: *State Cancer Profiles*. 2016-20.

## Crime and Gun Safety

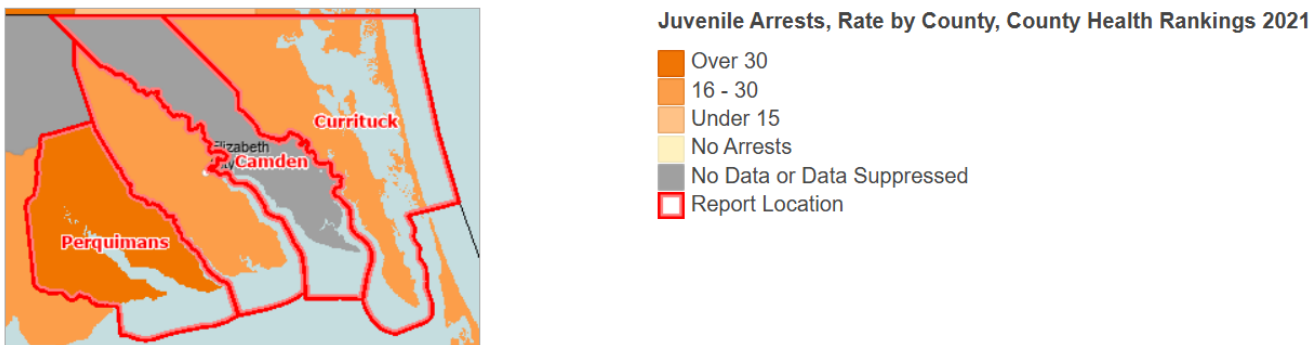
**Table B.20: Juvenile Arrest Rate**

This indicator reports the rate of delinquency cases per 1,000 juveniles. Data are acquired from the 2021 Easy Access to State and County Juvenile Court Case Counts (EZACO) and are used in the 2024 County Health Rankings.

Geography	Juvenile Population	Juvenile Arrests	Rate of Delinquency Cases per 1,000 Juveniles
SAMC Service Area	7,000	142	20.29
Camden County	900	8	No data
Currituck County	2,200	35	15.91
Pasquotank County	3,000	67	22.33
Perquimans County	900	32	35.56
North Carolina	800,600	12,694	15.86
United States	17,182,400	238,554	13.88

Data Source: Office of Juvenile Justice and Delinquency Department, [Easy Access to State and County Juvenile Court Case Counts \(EZACO\)](#). Accessed via [County Health Rankings](#). 2021.

**Figure B.22: Juvenile Arrest Rate by County**



**Table B.21: Firearm Mortality Rate**

This indicator reports the 2019-2023 five-year average rate of death due to firearm wounds per 100,000 population, which includes gunshot wounds from powder-charged handguns, shotguns, and rifles. Figures are reported as crude rates.

Geography	Total Population, 2019-2023 Average	Five Year Total Deaths, 2019-2023 Total	Crude Death Rate (Per 100,000 Population)
SAMC Service Area	94,847	58	16.5
Camden County	10,982	No data	No data
Currituck County	29,815	19	No data
Pasquotank County	40,680	39	19.2
Perquimans County	13,369	No data	No data
North Carolina	10,634,907	8,569	16.1
United States	331,563,969	228,691	13.8

Data Source: Centers for Disease Control and Prevention, [CDC - National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2019-2023.

## Appendix C: Community Input

Total Responses for SAMC Service Area					
	Total Service Area	Camden	Currituck	Pasquotank	Perquimans
Number of Responses	968	128	134	416	290
<b>Race</b>					
White	57.44%	56.3%	90.3%	31.5%	80.0%
Black/African American	19.83%	25.0%	3.0%	25.5%	17.2%
Asian	0.41%	1.6%	0.7%	0.2%	0.0%
American Indian and Alaska Native White	0.31%	0.0%	0.0%	0.2%	0.7%
Native Hawaiian and Other Pacific Islander	0.21%	0.0%	0.0%	0.5%	0.0%
Other Race	17.67%	14.8%	2.2%	35.6%	0.3%
2 or More Races	1.14%	1.6%	0.0%	1.9%	0.3%
Don't know	1.34%	0.0%	0.7%	2.9%	0.0%
Prefer not to say	1.65%	0.8%	3.0%	1.7%	1.4%
<b>Ethnicity</b>					
Hispanic	21.59%	16.4%	3.7%	41.8%	3.1%
Not Hispanic	76.34%	82.8%	94.0%	56.3%	94.1%
Prefer not to say	1.03%	0.8%	0.7%	0.5%	2.1%
Did not respond	0.62%	0.0%	1.5%	0.5%	0.7%
Don't know	0.41%	0.0%	0.0%	1.0%	0.0%
<b>Language</b>					
English	83.06%	89.8%	100.0%	63.7%	100.0%
Spanish	16.94%	10.2%	0.0%	36.3%	0.0%
<b>Age Group</b>					
18-24	8.26%	9.4%	0.0%	14.2%	3.1%
25-44	33.37%	28.1%	17.2%	48.1%	22.1%
45-65	33.88%	44.5%	44.8%	29.6%	30.3%
65+	23.66%	15.6%	37.3%	7.9%	43.4%
Prefer not to answer	0.72%	1.6%	0.7%	0.2%	1.0%
Did not respond	0.10%	0.8%	0.0%	0.0%	0.0%
<b>Gender</b>					
Woman	78.82%	79.7%	85.8%	80.3%	73.1%
Man	20.04%	18.8%	13.4%	19.0%	25.2%
Non-binary, genderqueer, or gender nonconforming	0.52%	0.8%	0.0%	0.2%	1.0%
Prefer not to say	0.62%	0.8%	0.7%	0.5%	0.7%

## Community Survey Instrument

The questions administered via the Community Member Survey instrument are below. The survey instrument was also available in Spanish, and a copy of the Spanish language survey instrument is available on request.

Dear Community Member,

We invite you to participate in your county's Community Health Needs Survey.

Your responses to this optional survey are anonymous and will inform how hospitals and agencies work to improve health in your county. This is not a research survey. It will take less than 10 minutes to complete.

Instructions: You must be 18 years or older to complete this survey. Please answer all questions and return the survey as indicated.

For questions about this survey, contact Ascendient Healthcare Advisors:  
[emilymccallum@ascendient.com](mailto:emilymccallum@ascendient.com)

Thank you for your time and participation!

### Topic: Demographics

1. What is the zip code where you currently live? \_\_\_\_\_
  
2. What is your age group?
  - 18-24
  - 25-44
  - 45-65
  - 65+
  - Don't know/ Not sure
  - Prefer not to say
  
3. Which of the following best describes your gender? *Select all that apply:*
  - Man
  - Woman
  - Non-binary, genderqueer, or gender nonconforming
  - Additional gender category: \_\_\_\_\_
  - Prefer not to say
  
4. How would you describe your race? *Select all that apply:*
  - American Indian and Alaska Native
  - Asian
  - Black or African American
  - Native Hawaiian and Other Pacific Islander
  - White
  - Other race:
  - Don't know/Not sure
  - Prefer not to say
  
5. Are you of Hispanic or Latino origin, or is your family originally from a Spanish speaking country?<sup>2</sup>
  - Yes
  - No
  - Don't know/Not sure
  - Prefer not to say

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<sup>2</sup> The U.S. Census Bureau defines "Hispanic or Latino" as "a person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin regardless of race."

6. What is the highest grade or year of school you completed?
- Less than 9th grade
  - 9-12th grade, no diploma
  - High school graduate (or GED/equivalent)
  - Some college (no degree)
  - Associate's degree or vocational training
  - Bachelor's degree
  - Graduate or professional degree
  - Don't know/Not sure
  - Prefer not to say
7. Which language is most often spoken in your home? *Select one:*
- English
  - Spanish
  - Other, please specify: \_\_\_\_\_
  - Don't know/Not sure
  - Prefer not to say
8. For employment, are you currently...*Select all that apply:*
- Employed full-time (40+ hours per week)
  - Employed part-time (under 40 hours per week)
  - Retired
  - Student
  - Armed forces/military
  - Self-employed
  - Homemaker
  - Temporarily unable to work due to illness or injury
  - Unemployed for less than one year
  - Unemployed for more than one year
  - Permanently unable to work
  - Prefer not to answer
9. Which category best describes your yearly household income before taxes? Do not give the dollar amount, just give the category. Include all income received from employment, social security, support from family, welfare, Aid to Families with Dependent Children (AFDC), bank interest, retirement accounts, rental property, investments, etc.
- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Less than \$15,000  | <input type="checkbox"/> \$50,000 - \$74,999   | <input type="checkbox"/> \$150,000 - \$199,999 |
| <input type="checkbox"/> \$15,000 - \$24,999 | <input type="checkbox"/> \$75,000 - \$99,999   | <input type="checkbox"/> \$200,000 or more     |
| <input type="checkbox"/> \$25,000 - \$34,999 | <input type="checkbox"/> \$100,000 - \$149,999 | <input type="checkbox"/> Prefer not to say     |
| <input type="checkbox"/> \$35,000 - \$49,999 |  |  |

### Topic: Community Health Opinion Questions

10. What are the **three** most important health problems that affect the health of your community? *Please select up to three:*
- Alcohol/drug addiction
  - Alzheimer's disease and other dementias
  - Mental health (depression/anxiety)
  - Cancer
  - Diabetes/high blood sugar
  - Heart disease/high blood pressure
  - HIV/AIDS
  - Infant death
  - Lung disease/asthma/COPD
  - Stroke
  - Smoking/tobacco use
  - Overweight/obesity
  - Other (please specify): \_\_\_\_\_
  - Prefer not to answer

11. What are the **three** most important social or environmental problems that affect the health of your community? *Please select up to three:*

- Availability/access to doctor's office
- Availability/access to insurance
- Child abuse/neglect
- Age Discrimination
- Ability Discrimination
- Gender Discrimination
- Racial Discrimination
- Domestic violence
- Housing/homelessness
- Lack of affordable childcare
- Lack of job opportunities
- Limited access to healthy foods
- Limited places to exercise
- Neighborhood safety/violence
- Limited opportunities for social connection
- Poverty
- Limited/poor educational opportunities
- Transportation problems
- Environmental injustice
- Other (please specify): \_\_\_\_\_
- Prefer not to answer

12. What are the **three** most important reasons people in your community do not get health care? *Please select up to three:*

- Cost – too expensive/can't pay
- Wait is too long
- No health insurance
- No doctor nearby
- Lack of transportation
- Insurance not accepted
- Language barriers
- Cultural/religious beliefs
- Other (please specify): \_\_\_\_\_
- Prefer not to answer

### Topic: Access to Care

13. DURING THE PAST 12 MONTHS, were you told by a health care provider or doctor's office that they did not accept your health care coverage?

- Yes
- No
- Don't know
- Prefer not to answer

14. Where do you USUALLY go when you are sick or need advice about your health? *Select all that apply:*

- Doctor's office, clinic or health center
- Urgent care or minute clinic
- Hospital emergency room
- Some other place [please specify]: \_\_\_\_\_
- Don't go to one place most often
- Don't know
- Prefer not to answer

15. There are many reasons people delay getting medical care. Have you delayed getting care for any of the following reasons in the PAST 12 MONTHS? *Select all that apply:*

- Didn't have transportation
- You live in a rural area where distance to the health care provider is too far
- You provide care to an adult and could not leave him/her
- Couldn't afford the copay
- Your deductible was too high/could not afford the deductible
- You had to pay out of pocket for
- You were nervous about seeing a health care provider
- Couldn't get time off work
- Couldn't get childcare some or all of the visit/procedure
- I did not delay care for any reason
- Other (*please specify*):  
\_\_\_\_\_
- Prefer not to answer

16. DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it? *Select all that apply:*

- Prescription medicines
- Mental health care or counseling
- Emergency care
- Dental care (including checkups)
- Eyeglasses
- To see a regular doctor or general health provider (in primary care, general practice, internal medicine, family medicine)
- To see a specialist
- Follow-up care
- None of the above
- Prefer not to answer

17. If you get sick or have an accident, how worried are you that you will be able to pay your medical bills?

- Very worried
- Somewhat worried
- Not at all worried
- Don't know
- Prefer not to answer

18. How much do you agree or disagree with the following statements about telehealth? Telehealth means connecting virtually with a medical provider using a smartphone, tablet or computer. 1 = Strongly disagree; 2 = somewhat disagree; 3 = neither agree nor disagree; 4 = somewhat agree; 5 = strongly agree

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Don't know</b>	<b>Prefer not to say</b>
a. I have access to the resources I need to access telehealth (internet, smartphone, tablet, computer, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. I have used telehealth to access care from my doctor or other provider in the past	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. I am open to using telehealth to access medical care in the future	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. I am comfortable using a phone, tablet or computer to communicate with my doctor or other provider	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. I am comfortable using an online patient portal (i.e. MyChart, My CarolinaEast Care, myOMH, etc.) to communicate with my doctor or other provider	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Topic: Diet & Exercise

19. Think about the food you ate during the past week. On average, how many servings of fruit did you eat, not including juices? (For example, one serving equals a medium apple, a small banana, or 7 strawberries.)

Number of servings: \_\_\_\_\_

20. On average, how many servings of vegetables did you eat, not including potatoes? (For example, one serving equals 6 baby carrots, small bell pepper, or half of a large squash or zucchini.)

Number of servings: \_\_\_\_\_

21. About how many cans, bottles, or glasses of sugar-sweetened beverages, such as regular sodas, sugar sweetened tea, or energy drinks, do you drink each day?

Number of drinks: \_\_\_\_\_

22. During the past month, approximately how much time (in hours) per week were you physically active outside of your regular job?

Number of hours: \_\_\_\_\_

23. When you are active, where do you engage in exercise or physical activities?  
*Select all that apply:*

- |   |  |
|---|--|
| <input type="checkbox"/> Beach                    | <input type="checkbox"/> Outdoor parks or trails       |
| <input type="checkbox"/> Home                     | <input type="checkbox"/> Work                          |
| <input type="checkbox"/> Malls                    | <input type="checkbox"/> Other (please specify): _____ |
| <input type="checkbox"/> Neighborhood             | <input type="checkbox"/> I don't exercise              |
| <input type="checkbox"/> Private gym/pool         | <input type="checkbox"/> Don't know                    |
| <input type="checkbox"/> Public recreation center | <input type="checkbox"/> Prefer not to answer          |

### Topic: Housing and Homelessness

24. In the past 12 months, were there times when you:

	Yes	No	Don't Know	Prefer not to say
a. Were worried about having enough money to pay your rent or mortgage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Did not have electricity, water, or heating in your home?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

25. In the PAST THREE YEARS, were there times when you:

	Yes	No	Don't Know	Prefer not to say
a. Had to live with a friend or relative because of a housing emergency, even if this was only temporary?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Were evicted or displaced from your home?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Were living on the street, in a car, or in a temporary shelter?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

26. Think about the place where you live. Do you have problems with any of the following?  
*Select all that apply:*

- |  |   |
|--|---|
| <input type="checkbox"/> Bug infestation                       | <input type="checkbox"/> Oven or stove not working        |
| <input type="checkbox"/> Mold                                  | <input type="checkbox"/> No or not working smoke detector |
| <input type="checkbox"/> Lead paint or pipes                   | <input type="checkbox"/> Water leaks                      |
| <input type="checkbox"/> Inadequate heat                       | <input type="checkbox"/> None of the above                |
| <input type="checkbox"/> Inadequate cooling (air conditioning) | <input type="checkbox"/> Prefer not to say                |
| <input type="checkbox"/> Holes in the floor                    |   |

### Topic: Mental Health

27. Now thinking about your MENTAL health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health NOT good?

- Number of days: \_\_\_\_\_

28. Was there a time in the past 12 months when you needed mental health care or counseling, but did not get it at that time?

- |                              |  |
|------------------------------|--|
| <input type="checkbox"/> Yes | <input type="checkbox"/> Don't know        |
| <input type="checkbox"/> No  | <input type="checkbox"/> Prefer not to say |

29. If you answered 'Yes' to the previous question, what was the MAIN reason you did not get mental health care or counseling?

- |  |  |
|--|--|
| <input type="checkbox"/> Cost/No insurance coverage  | <input type="checkbox"/> Stigma                                    |
| <input type="checkbox"/> Distance  | <input type="checkbox"/> Too busy to go to an appointment          |
| <input type="checkbox"/> Don't know where to go  | <input type="checkbox"/> Too long of wait for an appointment       |
| <input type="checkbox"/> Concerns about confidentiality                                    | <input type="checkbox"/> Trouble getting an appointment            |
| <input type="checkbox"/> Inconvenient office hours   | <input type="checkbox"/> Other ( <i>please specify</i> ):<br>_____ |
| <input type="checkbox"/> Lack of childcare   | <input type="checkbox"/> None of the above                         |
| <input type="checkbox"/> Lack of providers   | <input type="checkbox"/> Don't know/Not sure                       |
| <input type="checkbox"/> Lack of transportation  | <input type="checkbox"/> Prefer not to say                         |
| <input type="checkbox"/> Previous negative experiences/Distrust of mental health providers |  |

30. Are you currently taking medication or receiving treatment, therapy, or counseling from a health professional for any type of MENTAL or EMOTIONAL HEALTH NEED?

- Yes
  Prefer not to say  
 No
  say

### Topic: Physical Health

31. Considering your physical health overall, would you describe your health as...

- Excellent
  Poor  
 Very Good
  Don't know/Not sure  
 Good
  Prefer not to say  
 Fair

32. Within the past year (anytime less than one year ago), have you:

	Yes	No	Don't Know	Prefer not to say
a. Had a routine/annual physical or check-up?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Been to the dentist/dental hygienist?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

33. Have you ever been told by a doctor, nurse, or other health professional that you have any of the following health conditions? *Select all that apply:*

- |   |   |
|---|---|
| <input type="checkbox"/> Arthritis  | <input type="checkbox"/> Physical disabilities  |
| <input type="checkbox"/> Asthma   | <input type="checkbox"/> Mental illness not otherwise listed (including bipolar disorder, schizophrenia, borderline personality disorder, dissociative identity disorder) |
| <input type="checkbox"/> Cancer   | <input type="checkbox"/> Sexually transmitted diseases (including chlamydia, syphilis, gonorrhea and HIV)   |
| <input type="checkbox"/> Chronic Obstructive Pulmonary Disease (COPD)           | <input type="checkbox"/> Stroke   |
| <input type="checkbox"/> Dementia/Short-term memory loss                        | <input type="checkbox"/> Vision and sight problems  |
| <input type="checkbox"/> Depression or anxiety                                  | <input type="checkbox"/> Other ( <i>please specify</i> ):   |
| <input type="checkbox"/> Diabetes (not during pregnancy)                        | <input type="checkbox"/> None of the above  |
| <input type="checkbox"/> Heart disease, stroke, or other cardiovascular disease | <input type="checkbox"/> Don't know/Not sure  |
| <input type="checkbox"/> High blood pressure (hypertension)                     | <input type="checkbox"/> Prefer not to say  |
| <input type="checkbox"/> High cholesterol                                       |   |
| <input type="checkbox"/> Immunocompromised condition not otherwise listed       |   |
| <input type="checkbox"/> Kidney disease   |   |
| <input type="checkbox"/> Liver disease  |   |
| <input type="checkbox"/> Long COVID   |   |
| <input type="checkbox"/> Lung disease   |   |
| <input type="checkbox"/> Osteoporosis   |   |

34. What do you need to be able to manage your current health conditions (for example, heart conditions, high blood pressure, stroke, diabetes, asthma, cancer, COPD, congestive heart failure, arthritis, HIV, depression, anxiety, other mental health condition, etc.) to stay healthy? *Please select all that apply:*

- I don't have a current health condition to manage
- Health insurance to cover the care I need
- Assistance finding a doctor
- Assistance making and keeping appointments with my doctor(s)
- Assistance understanding all the directions from my doctor(s)
- Information to understand how to take my medication(s)
- Assistance paying for my prescription(s)/medication(s) or medical equipment
- Health care in my home
- Coordination of my overall care among multiple health care providers
- Access to healthy foods
- Access to places to exercise safely
- Transportation assistance
- Financial assistance for co-pays, deductibles
- Home modification assistance (for example, installing a wheelchair ramp or a handicapped-accessible shower)
- Other (*please specify*):  
\_\_\_\_\_
- None
- Don't know
- Prefer not to say

### Topic: Substance Use Disorders

35. Considering all types of alcoholic beverages, how many times during the past 30 days did you have 4 (females)/ 5 (males) or more drinks on an occasion?

Number of drinks: \_\_\_\_\_

36. How often do you consume any kind of alcohol product, including beer, wine or hard liquor?

- Every Day
- Some Days
- Not at all
- Don't know/not sure
- Prefer not to say

37. In the past year, have you or a member of your household intentionally misused any form of prescription drugs (e.g. used without a prescription, used more than prescribed, used more often than prescribed, or used for any reason other than a doctor's instructions)?

- Yes
- No
- Don't know/not sure
- Prefer not to say

38. To what degree has your life been negatively affected by YOUR OWN or SOMEONE ELSE's substance abuse issues, including alcohol, prescription, and other drugs? Would you say:

- A Great Deal
- Somewhat
- A Little
- Not at All
- Don't know/Not sure
- Prefer not to say

### Topic: Transportation and Transit

39. In a typical week, what kinds of transportation do you use the most? *Select all that apply:*

- Car
- Bus
- Walk
- Taxi, Uber, or Lyft
- Ride with someone
- Bike
- Motorcycle
- Paying for rides from family or friends
- Other, please specify: \_\_\_\_\_
- Prefer not to say

40. In the past 12 months has lack of transportation kept you from medical appointments, meetings, work, or getting things for daily living? *Select all that apply:*

- Yes, it has kept me from medical appointments or getting medications
- Yes, it has kept me from non-medical meetings, appointments, work, or getting things that I need
- No
- Prefer not to say

41. Do you put off or neglect going to the doctor because of distance or transportation?

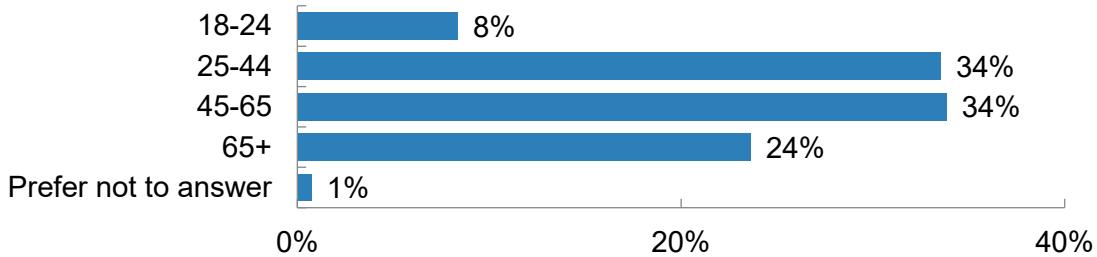
- Yes
- No
- Don't know/not sure
- Prefer not to say

## Community Survey Responses (Four-county survey results)

### Topic: Demographics

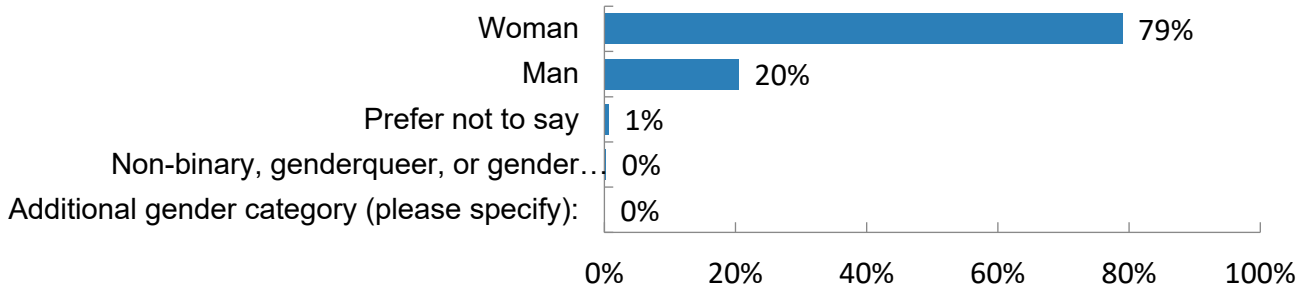
**Figure C.1: What is your age group?**

(N=970)



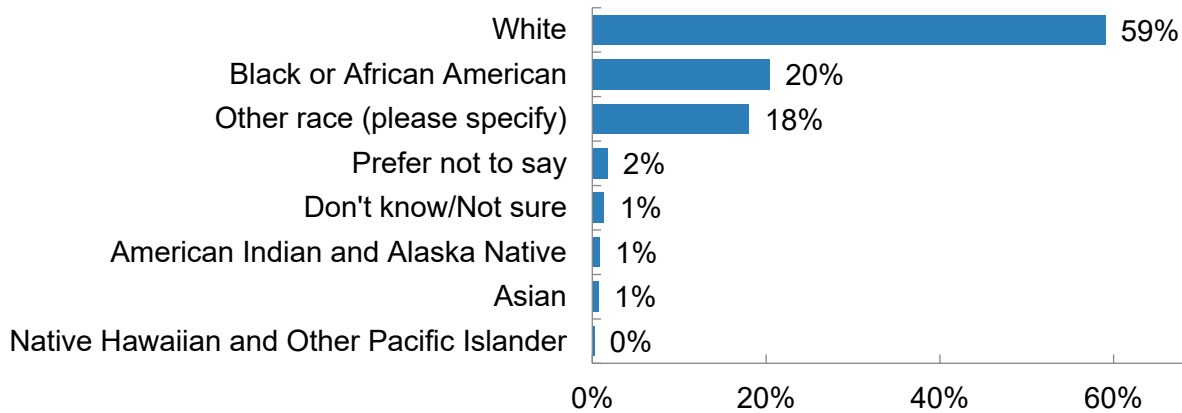
**Figure C.2: Which of the following best describes your gender? (Select all that apply)**

(N=971)



**Figure C.3: How would you describe your race? (Select all that apply)**

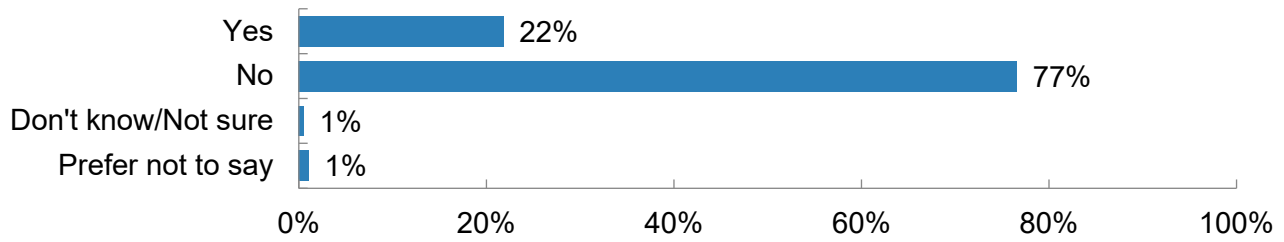
(N=971)



Other: Of those who indicated “other”, half did not specify their race and the other half indicated they were Hispanic, Latino, Central American or Puerto Rican.

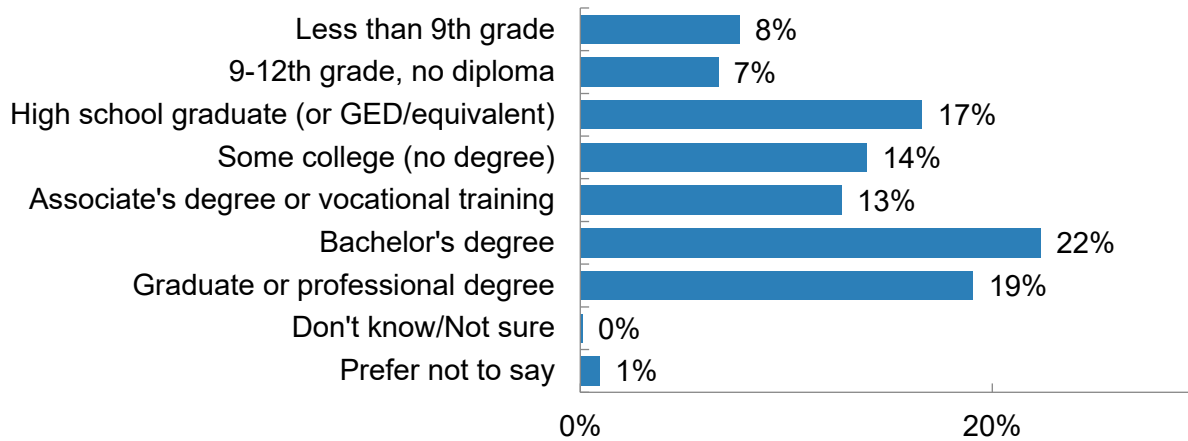
**Figure C.4: Are you of Hispanic or Latino origin, or is your family originally from a Spanish speaking country?**

(N=965)



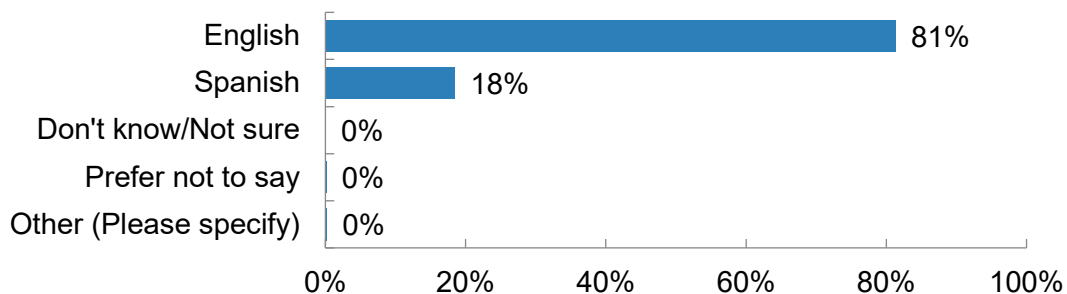
**Figure C.5: What is the highest grade or year of school you completed?**

(N=971)

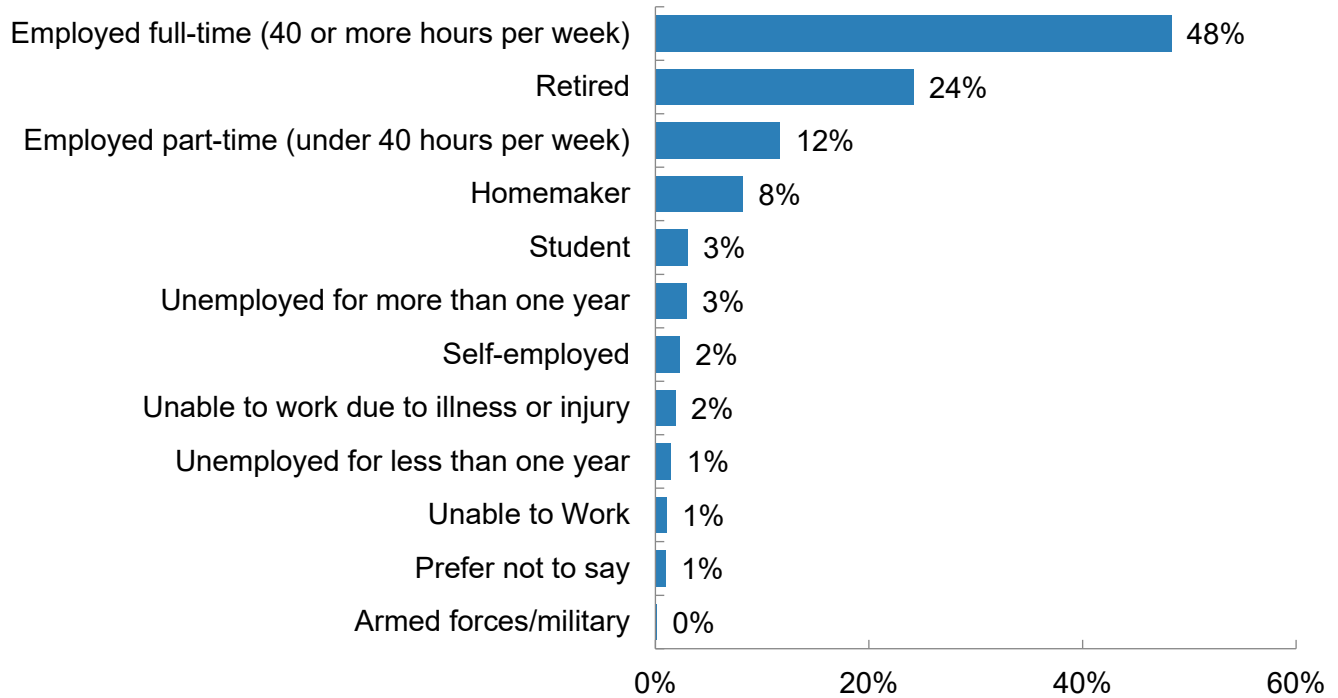


**Figure C.6: Which language is most often spoken in your home? (Choose one)**

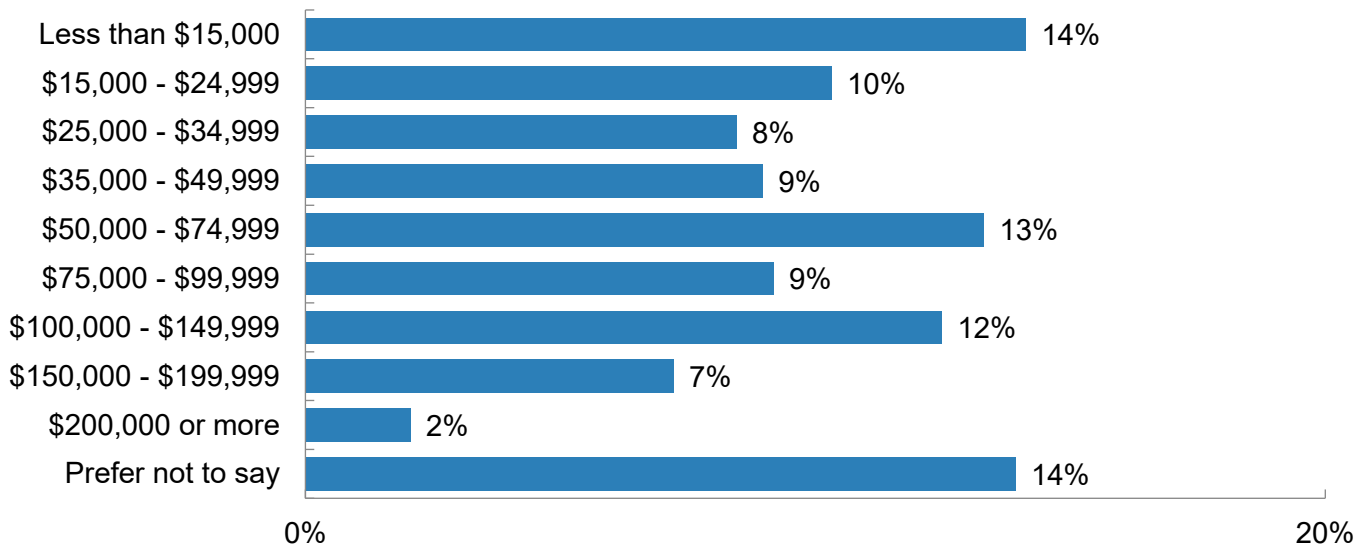
(N=971)



**Figure C.7: For employment, are you currently... (Select all that apply.)**  
(N=969)

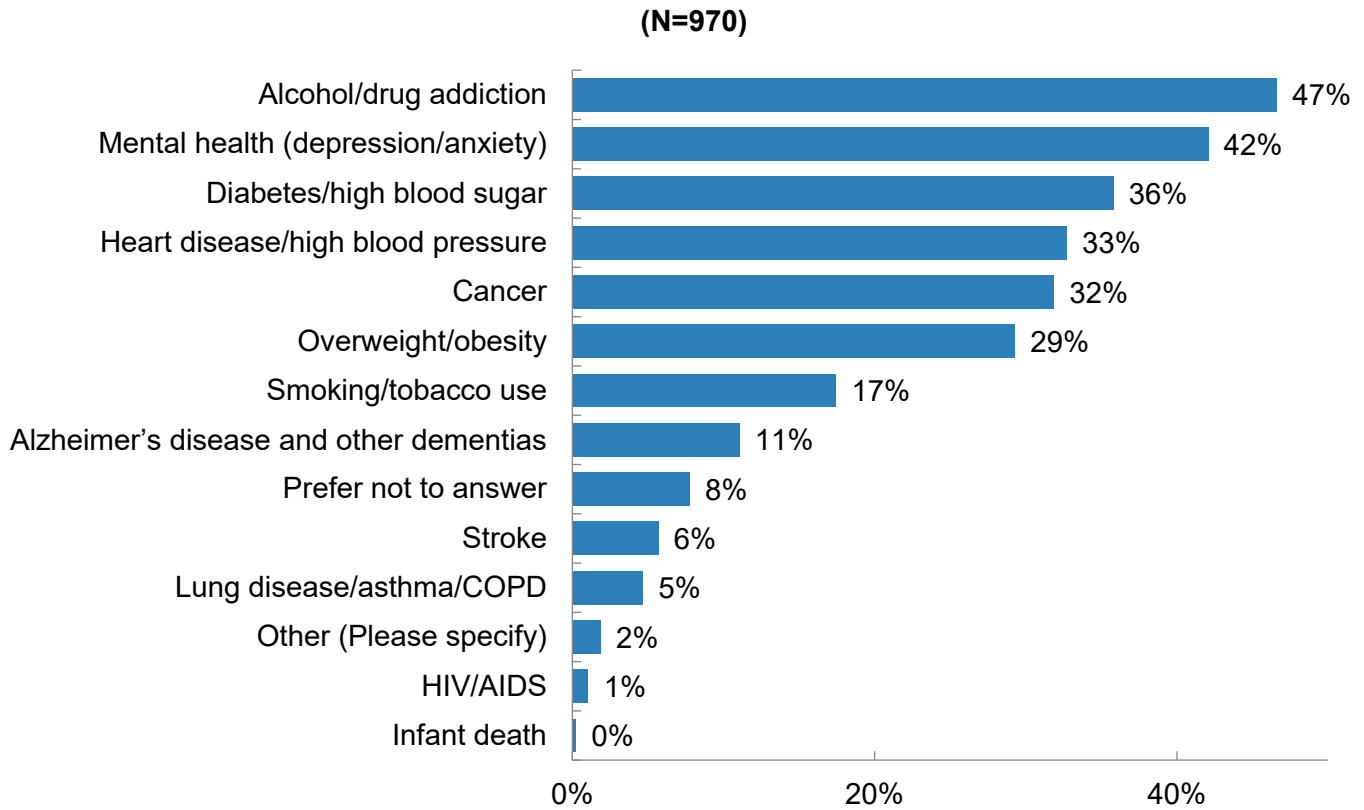


**Figure C.8: Which category best describes your yearly household income before taxes?**  
(N=970)



**Topic: Community Health Opinion Questions**

**Figure C.9: What are the three most important health problems that affect the health of your community? Please select up to three.**

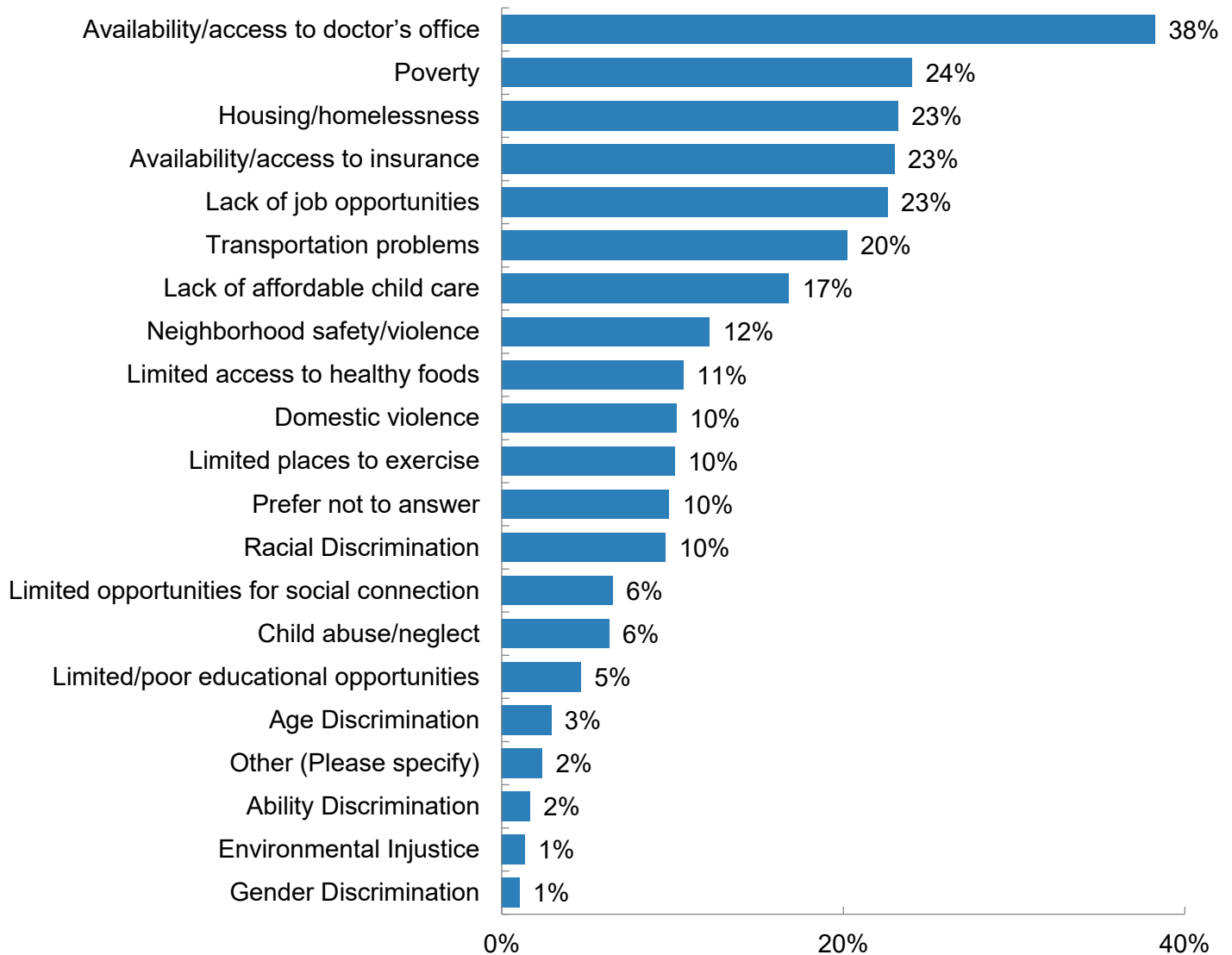


**Other, as provided by respondents:**

- “Aging issues in general”
- “Eating Disorders”
- “Geriatric”
- “Kidney failure”
- “Lack of close care”
- “Lack of housing and high paying jobs”
- “Local access to health care”
- “Opioids”
- “People living in their own filth and bathing in the sound, and they don't have running water or proper sewage.”
- “Rheumatoid Arthritis, NASH”
- “Trauma (High ACE Score)”
- “Vaping”

**Figure C.10: What are the three most important social or environmental problems that affect the health of your community? Please select up to three.**

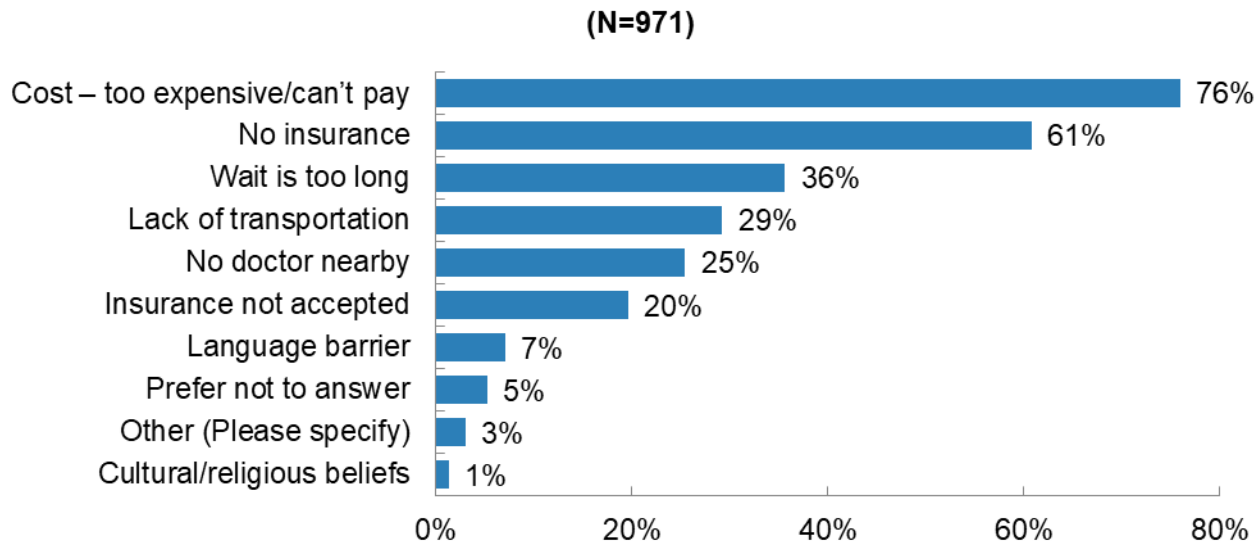
(N=970)



**Other:**

- “Cost of healthcare”
- “County growing faster than the services it can provide for residents”
- “Home health”
- “Lack of knowledge about health, nutrition and wellbeing”
- “Limited, Accessible Substance Abuse Treatment and Recovery Services”
- “Local pharmacy”
- “Need more outdoor recreation: parks, walking trails, safe biking trails not on busy streets”
- “Not enough resources”
- “Opioids addiction”
- “People don't have proper sewage and have to use buckets.”
- “Pesticide and herbicide usage on large agriculture”
- “Reverse racial discrimination”
- “Safe drinking water”
- “Senior housing”
- “Unemployment my choice”
- “Water”

**Figure C.11: What are the three most important reasons people in your community do not get health care when they need it? Please select up to three.**



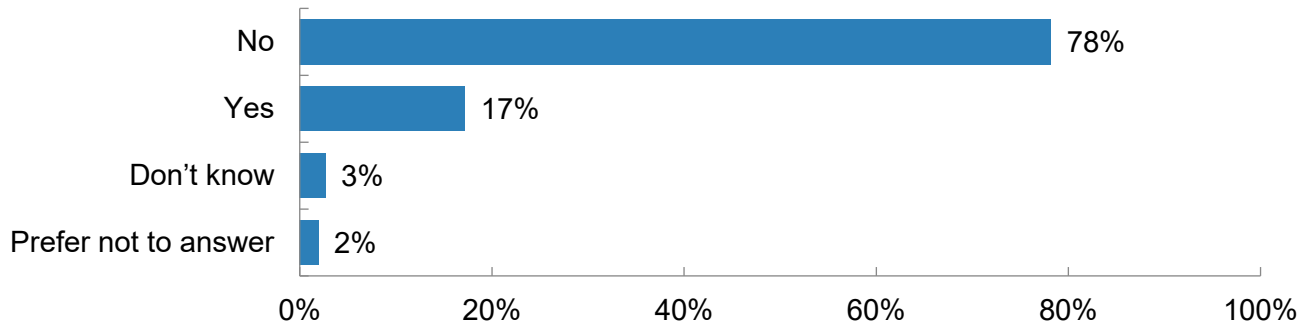
**Other:**

- “Complacency”
- “Doctors are not thorough, they fix the issue and don't care what is causing it”
- “Don't have a job to have insurance”
- “Everything is too expensive”
- fear of not being heard”
- “Have to book months in advance for basic checkups and preventative care”
- “Inadequate Care by Providers”
- “Lack of knowledge”
- “Missed work”
- “No knowledge”
- “No Urgent care!!!!!!!!!!!!!!!!!!!!!! Especially a 24hr or reliable location. Have to spend 400 dollars at ER each time or drive 1.25 hours to Virginia”
- “not enough providers in the area”
- “PCPs are overbooked, can't get in”
- “Poor personal life choices”
- “Procrastination”
- “stubborn people”
- “Subpar local health care options.”
- “They are afraid of knowing what is wrong.”
- “They need more clinics with more doctors' different types to treat the community not just a regular MD and that's it they can't treat everything”
- “Too few doctors, so limited availability of healthcare providers”
- “unable to proceed with referrals d/t lack of insurance”
- “Unable to take time off work”
- “Unwilling”

## Topic: Access to Care

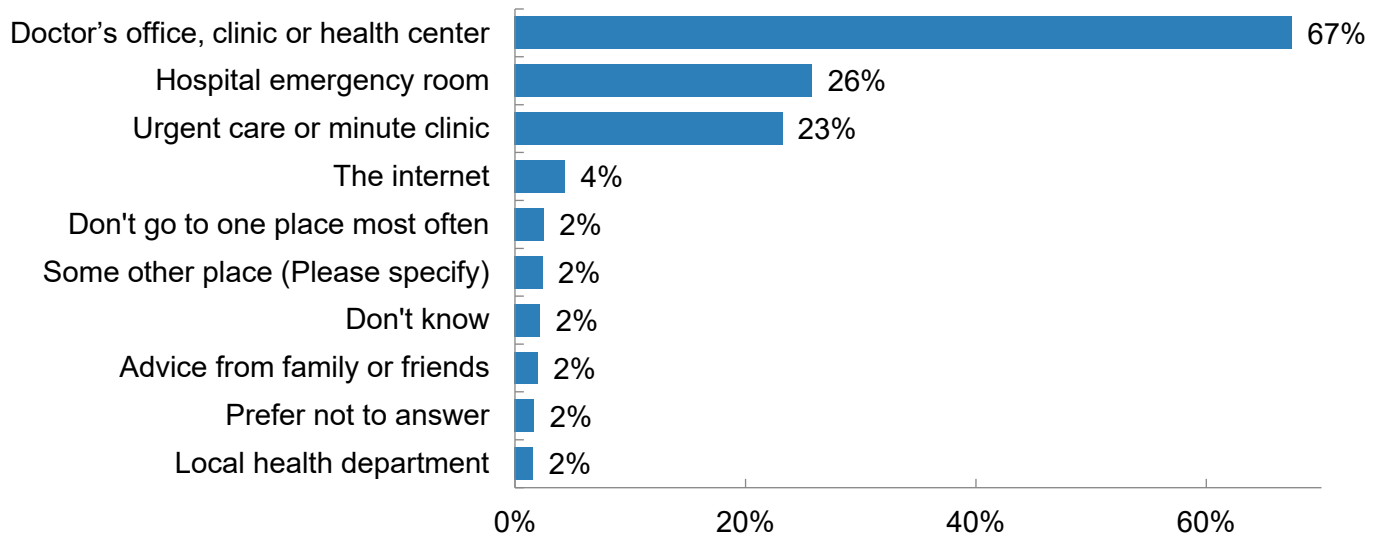
**Figure C.12: DURING THE PAST 12 MONTHS, were you told by a health care provider or doctor's office that they did not accept your health care coverage?**

(N=971)



**Figure C.13: Where do you USUALLY go when you are sick or need advice about your health?**

(N=970)

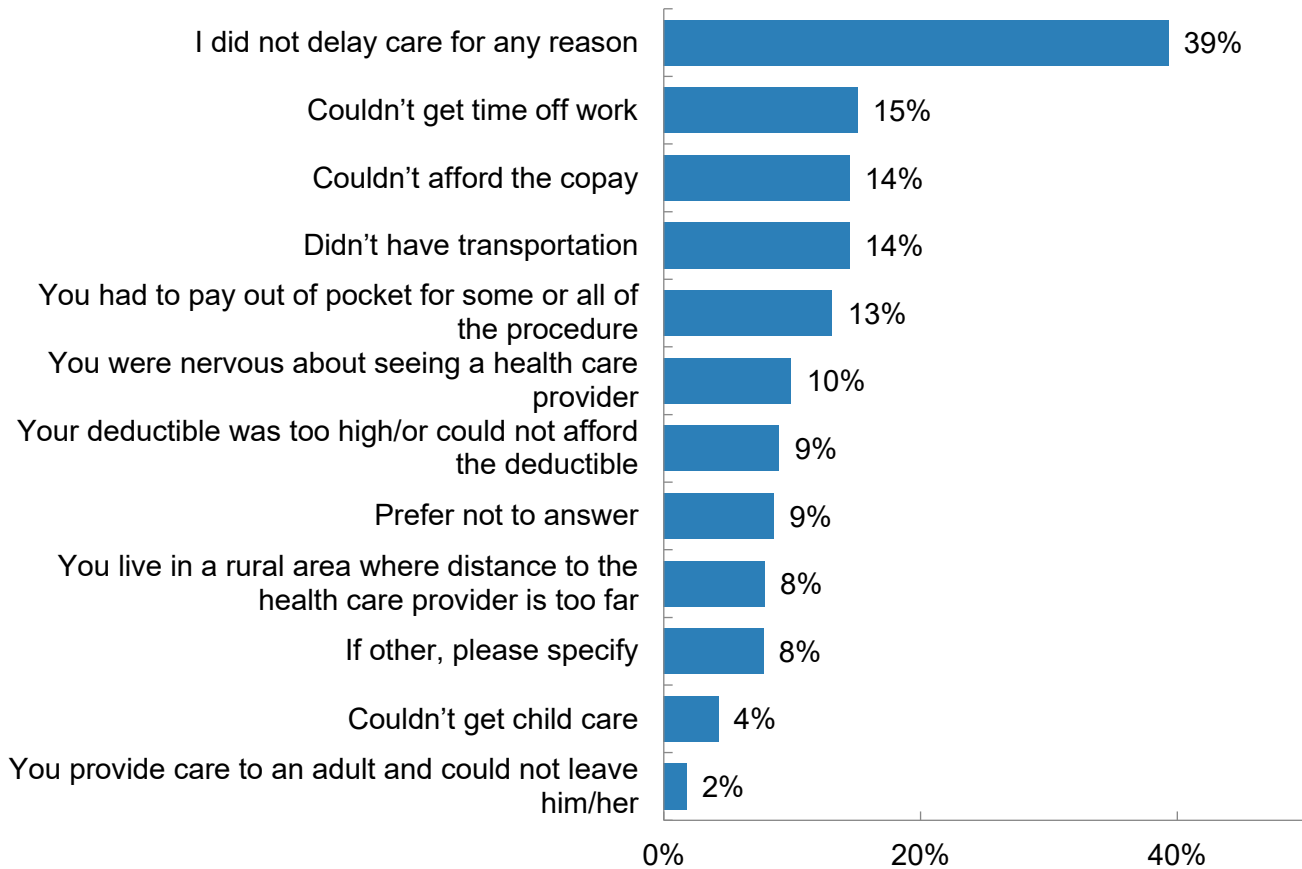


### Other:

- "Annapolis, MD"
- "Ask a Nurse, provided by insurance company"
- "DARE COUNTY"
- "Do not see doctors"
- "email my doc in Raleigh"
- "God or sometimes Teledoc"
- "health insurance nurse line"
- "Health Net Albemarle EC"
- "I work with nurses"
- "MD Live"
- "MY DOCTOR"
- "nexcare"
- "Nurse (friend)"
- "Teladoc"
- "Telehealth"
- "Telemedicine"
- "VA Doctors"
- "Veterans Outpatient Clinic"
- "Virtual doctor"

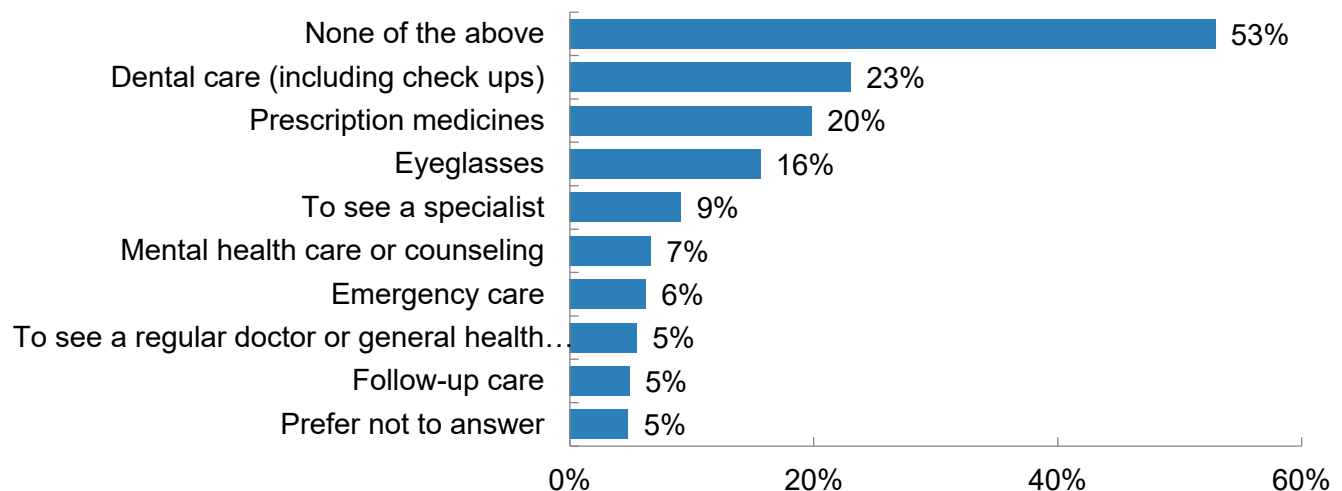
**Figure C.14: There are many reasons people delay getting medical care. Have you delayed getting care for any of the following reasons in the PAST 12 MONTHS?**

(N=970)

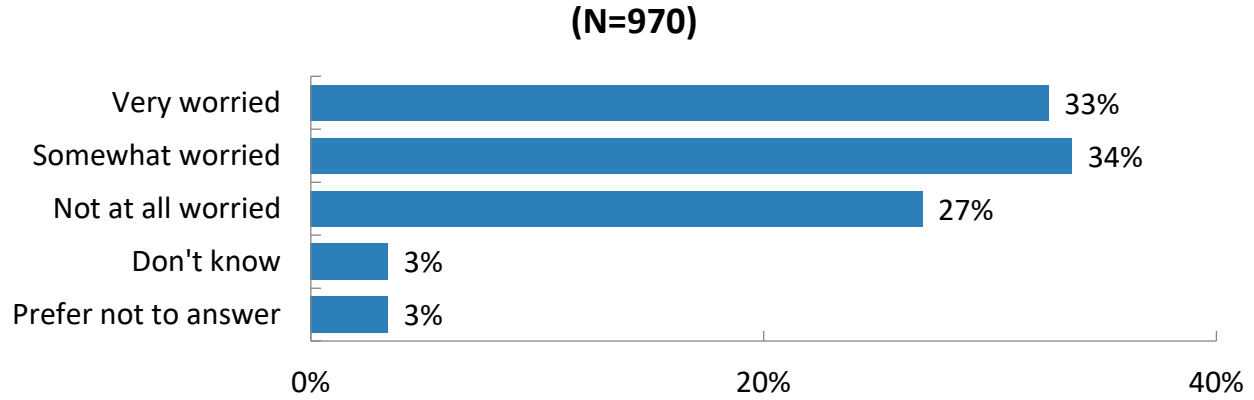


**Figure C.15: DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it?**

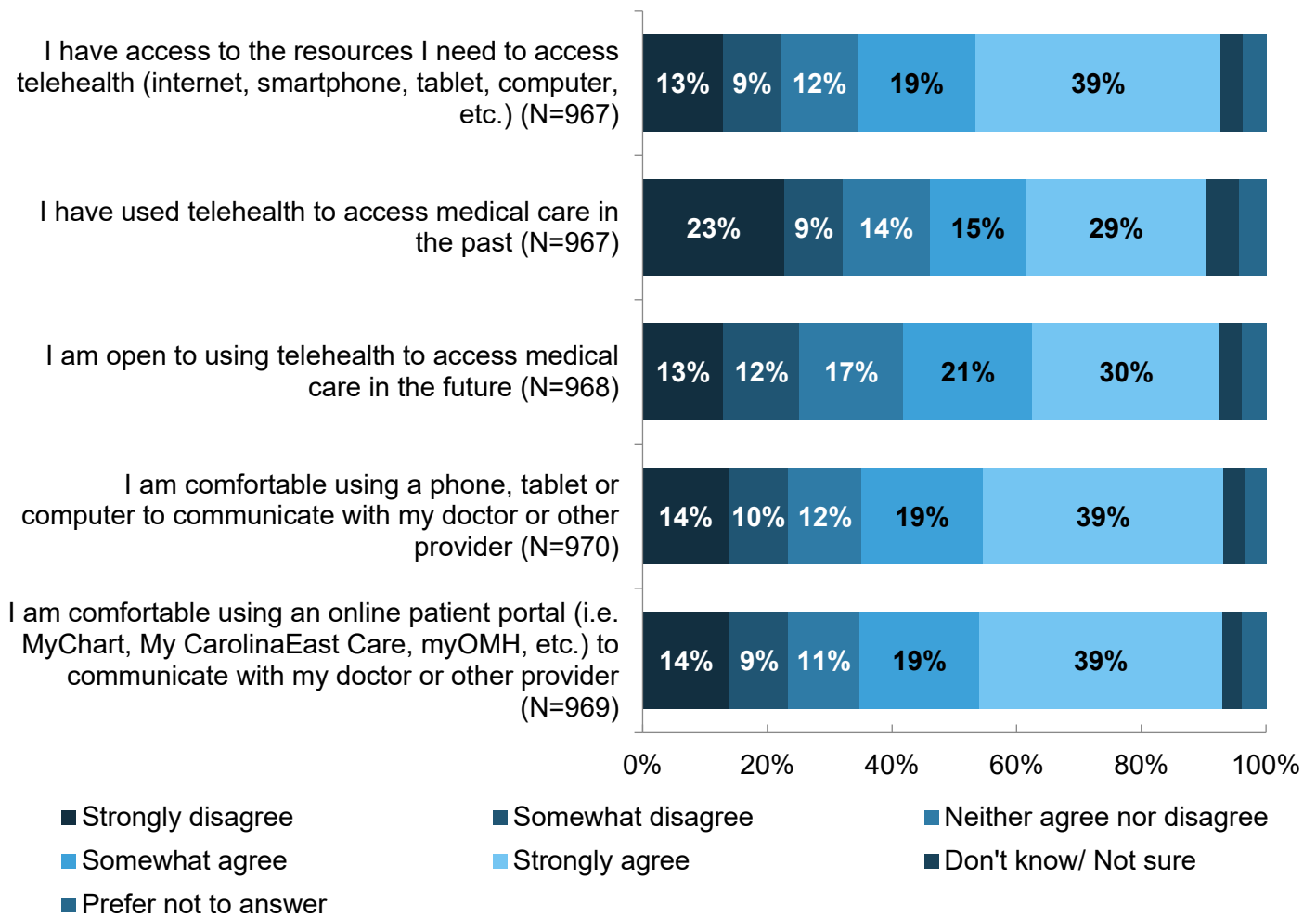
(N=968)



**Figure C.16: If you get sick or have an accident, how worried are you that you will be able to pay your medical bills?**



**Figure C.17: How much do you agree or disagree with the following statements about telehealth? Telehealth means connecting virtually with a medical provider using a smartphone, tablet or computer.**



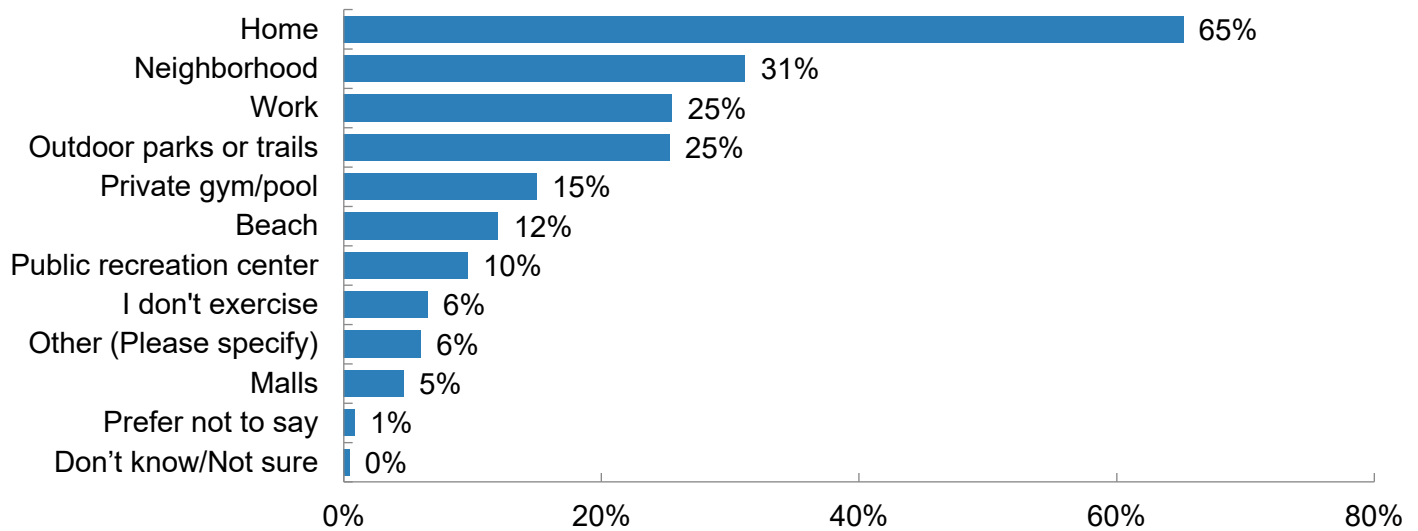
## Topic: Diet and Exercise

**Figure C.18: Average number of fruit and vegetable servings per week, average number of sugary drinks per day, and average number of hours of exercise (outside of work) per week:**

	Average
Average Number of Fruit Servings <b>Per Week</b>	<b>6.1</b>
Average Number of Vegetable Servings <b>Per Week</b>	<b>7.0</b>
Average Number of Sugar-Sweetened Beverages <b>Per Day</b>	<b>2.3</b>
Average Number of Hours of Exercise <b>Per Week</b>	<b>8.4</b>

**Figure C.19: When you are active, where do you engage in exercise or physical activities? (Select all that apply.)**

(N=970)

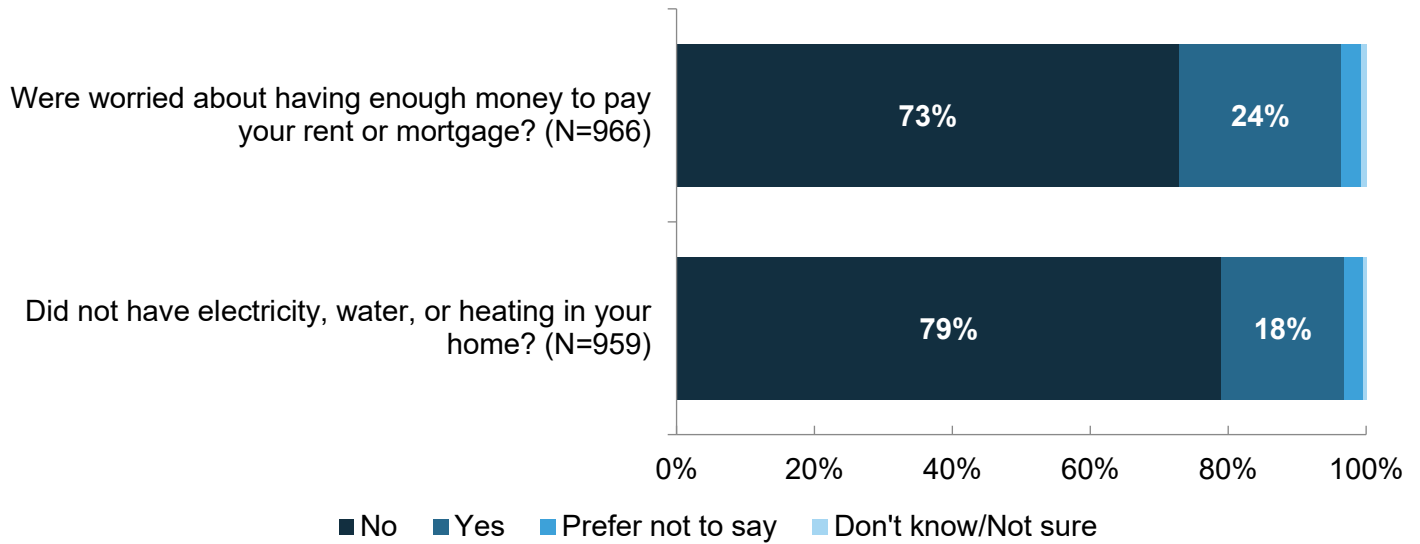


### Other

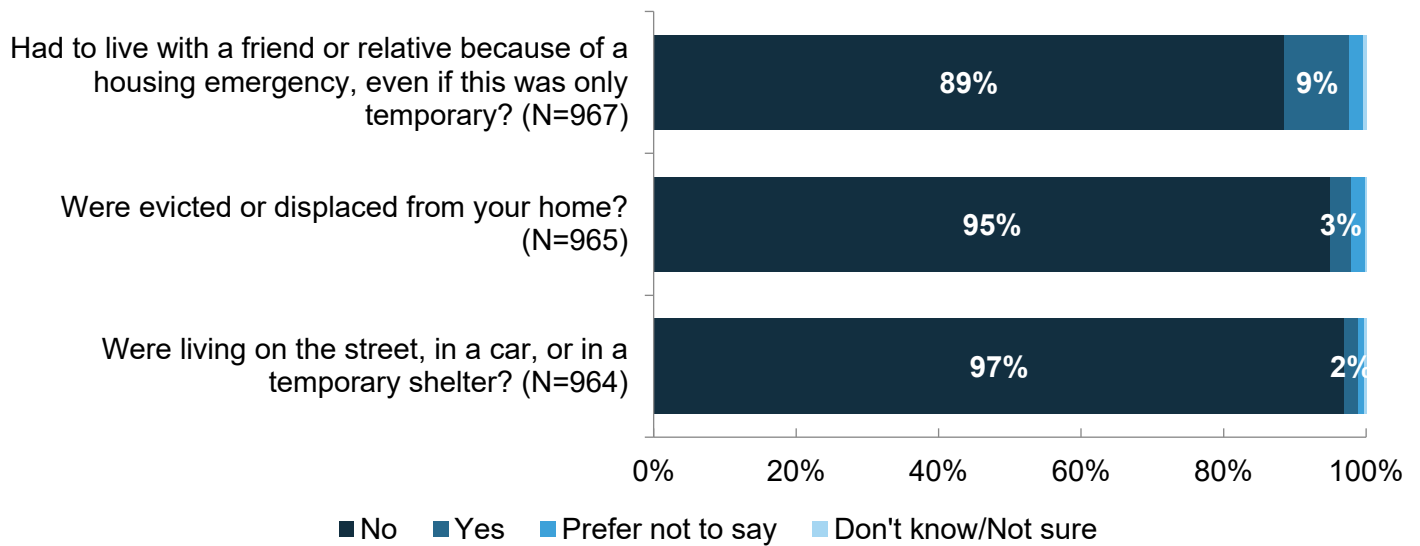
- “Doctors appointments”
- “Exercise”
- “Family members pool”
- “Fishing”
- “Gardening/yard work. (4 responses)”
- “Golf (6 responses)”
- “Golf and tennis”
- “Golf, yard work, clean up around the house”
- “Housecleaning”
- “Parks”
- “PT personal training”
- “Pulmonary rehab”
- “Senior center (17 responses)”
- “Steps”
- “Store”
- “Stores”
- “University track”
- “Walking”
- “Walking dog”
- “YMCA (6 responses)”
- “Yoga”

## Topic: Housing and Homelessness

**Figure C.20: In the past 12 months, were there times when you:**

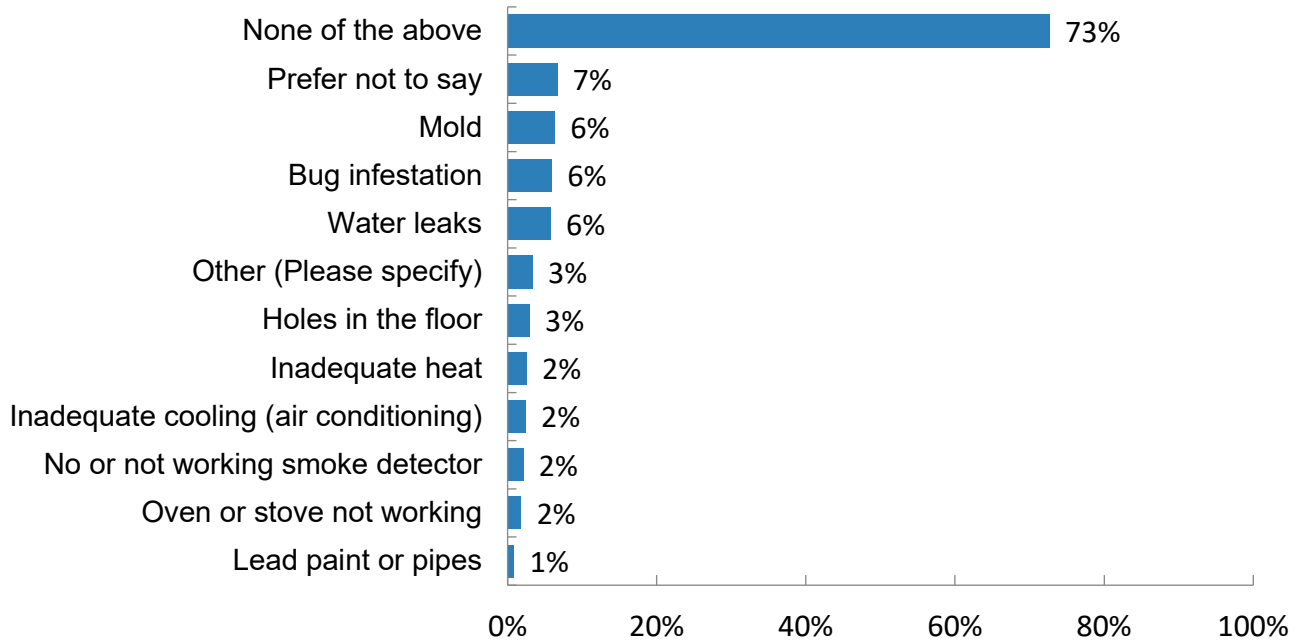


**Figure C.21: In the PAST THREE YEARS, were there times when you:**



**Figure C.22: Think about the place you live. Do you have problems with any of the following? (Check all that apply.)**

(N=965)



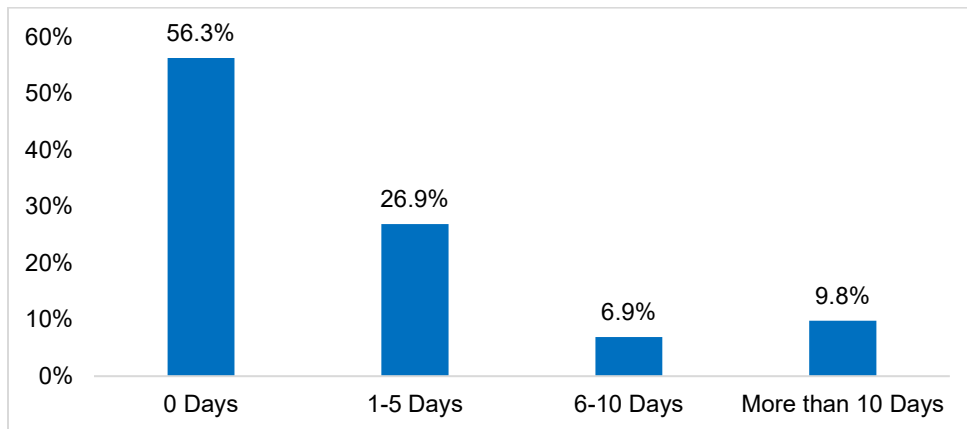
**Other**

- “Crime and gangs”
- “Mice”
- “Water damage”
- “Water quality”

**Topic: Mental Health**

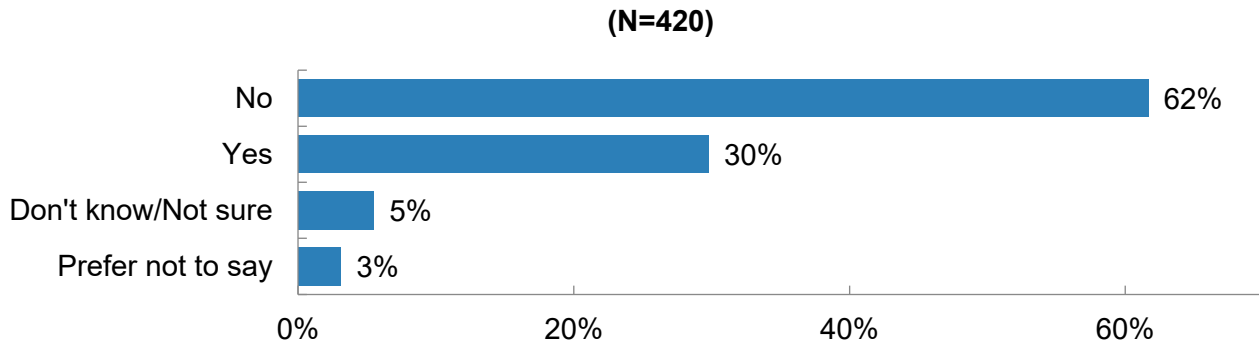
**Figure C.23: Now thinking about your MENTAL health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health NOT good?**

Average = 3.6 days



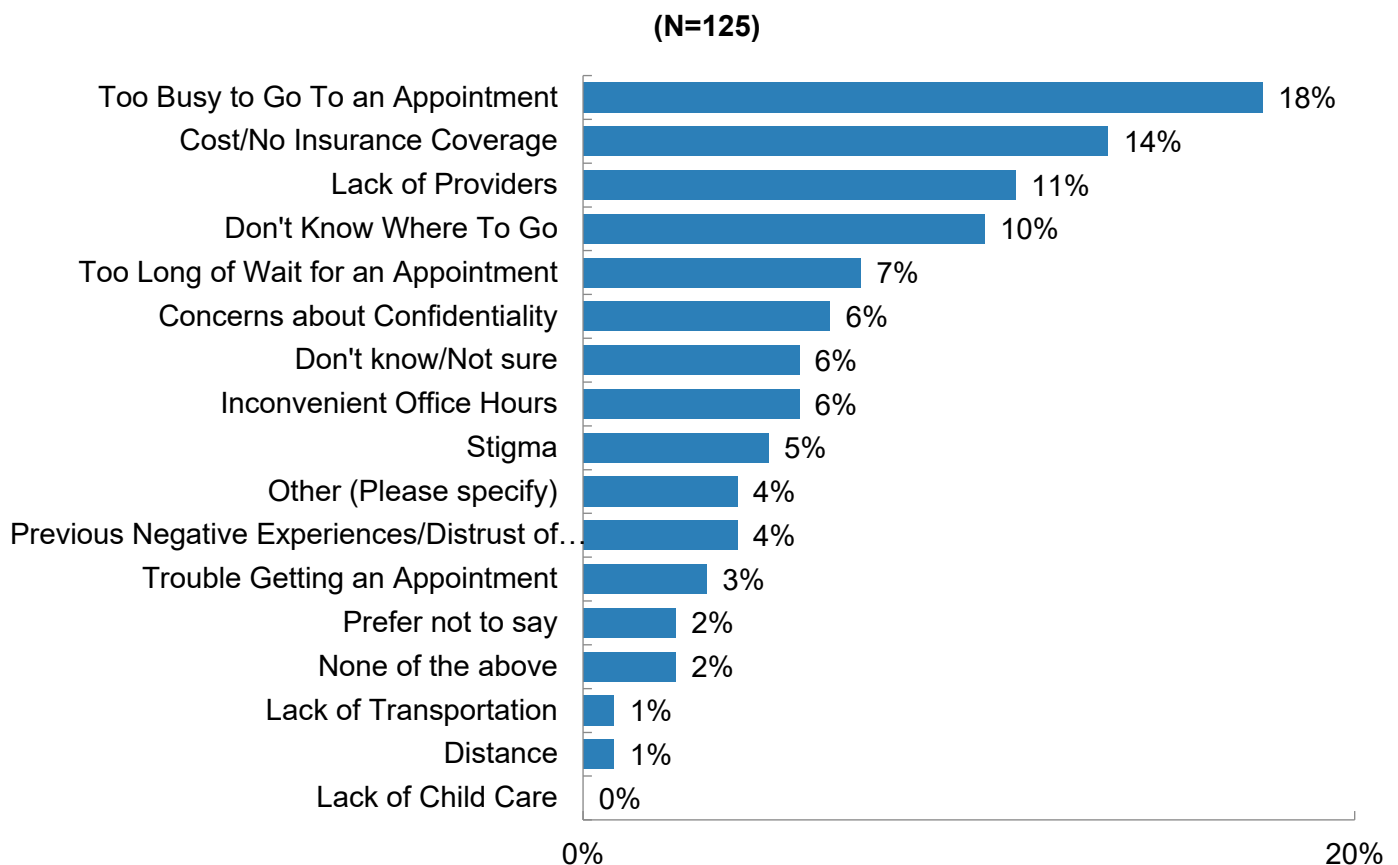
**Figure C.24: Was there a time in the past 12 months when you needed mental health care or counseling, but did not get it at that time?**

(Only participants who responded 1 or more days in the previous question were asked the current question.)



**Figure C.25: What was the MAIN reason you did not get mental health care or counseling?**

(Only participants who responded “yes” to previous question were asked the current question.)

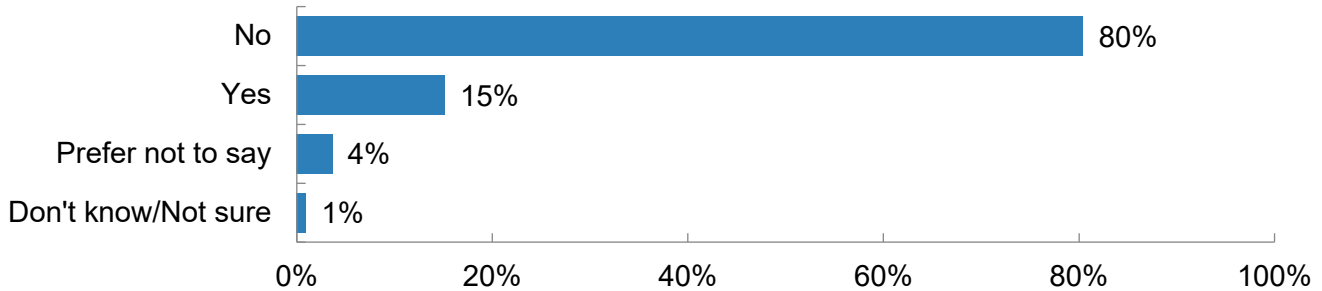


**Other:**

- “Did not make the time”

**Figure C.26: Are you currently taking medication or receiving treatment, therapy, or counseling from a health professional for any type of MENTAL or EMOTIONAL HEALTH NEED?**

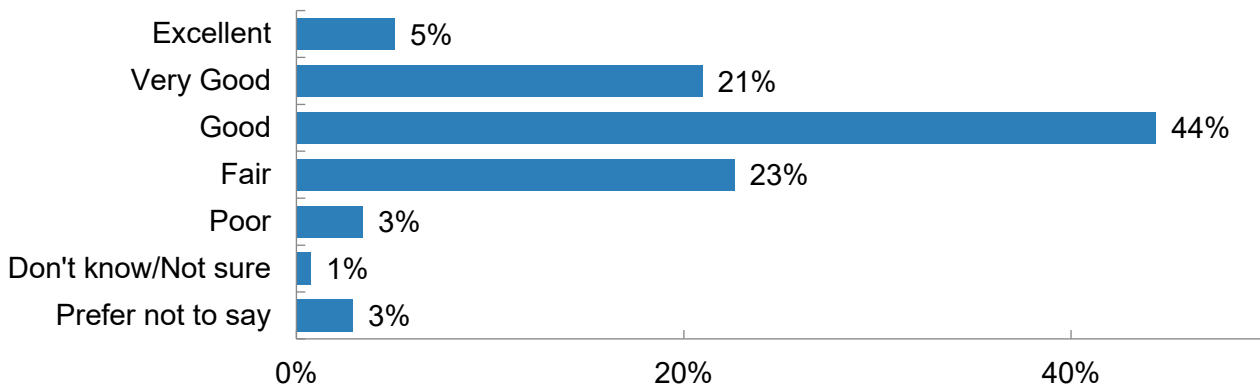
(N=969)



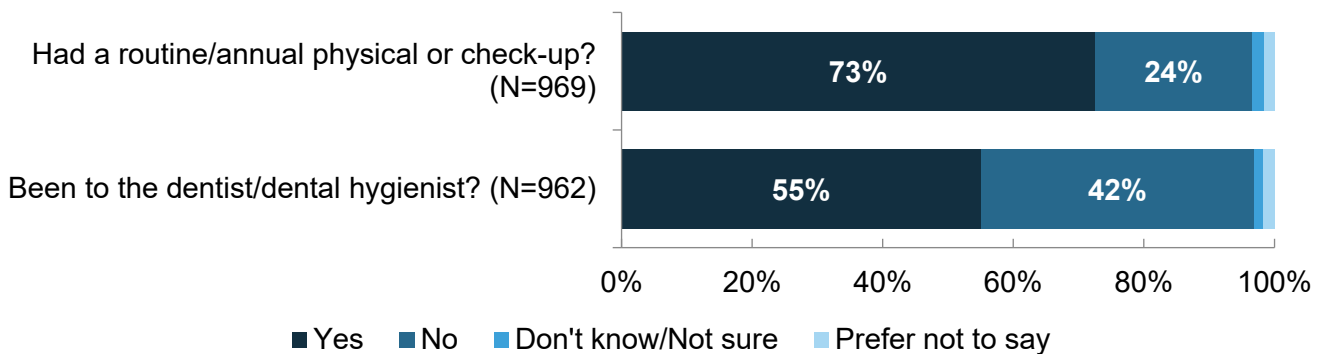
**Topic: Physical Health**

**Figure C.27: Considering your physical health overall, would you describe your health as...**

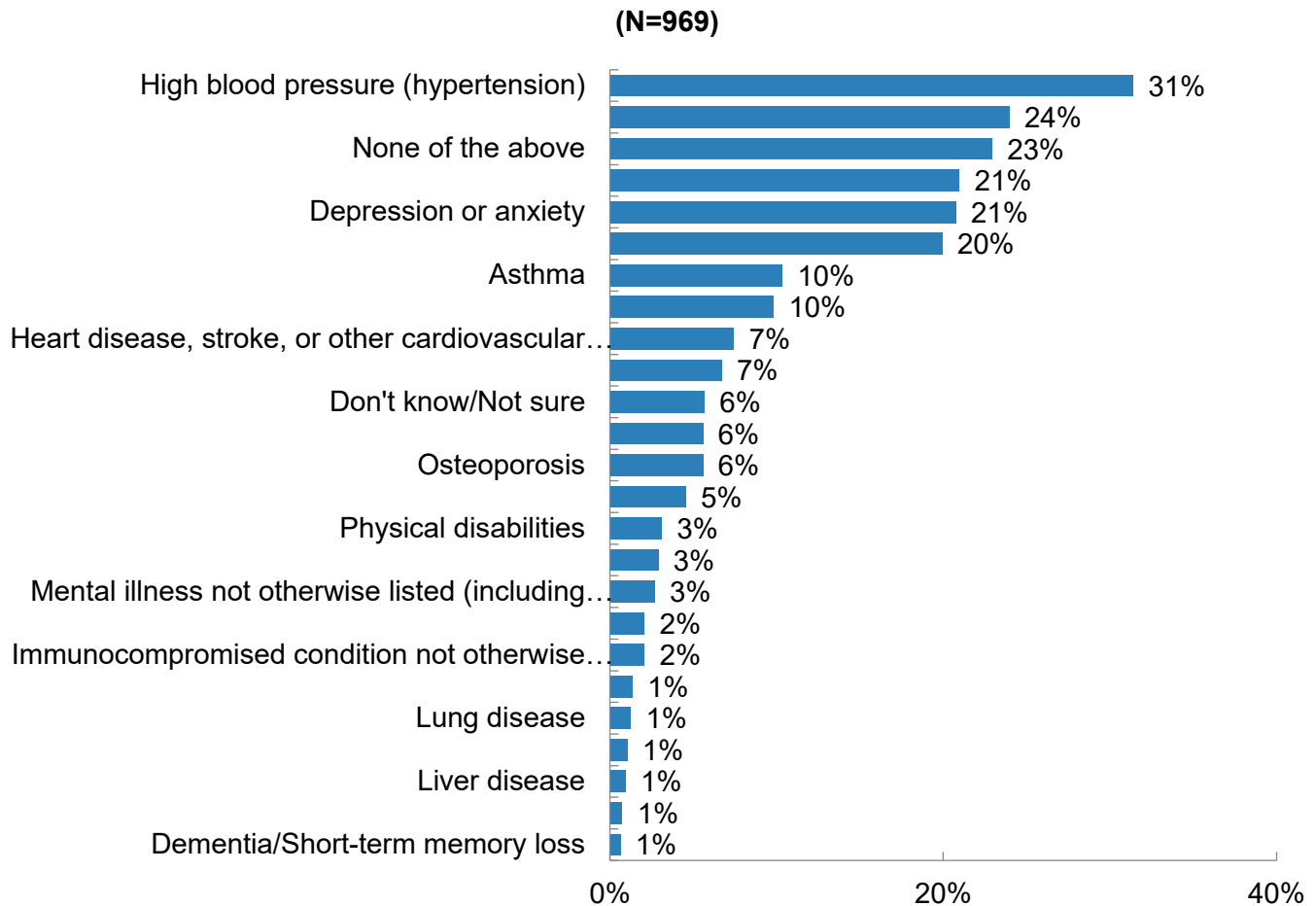
(N=969)



**Figure C.28: Within the past year (anytime less than one year ago), have you:**



**Figure C.29: Have you ever been told by a doctor, nurse, or other health professional that you have any of the following health conditions? Select all that apply**

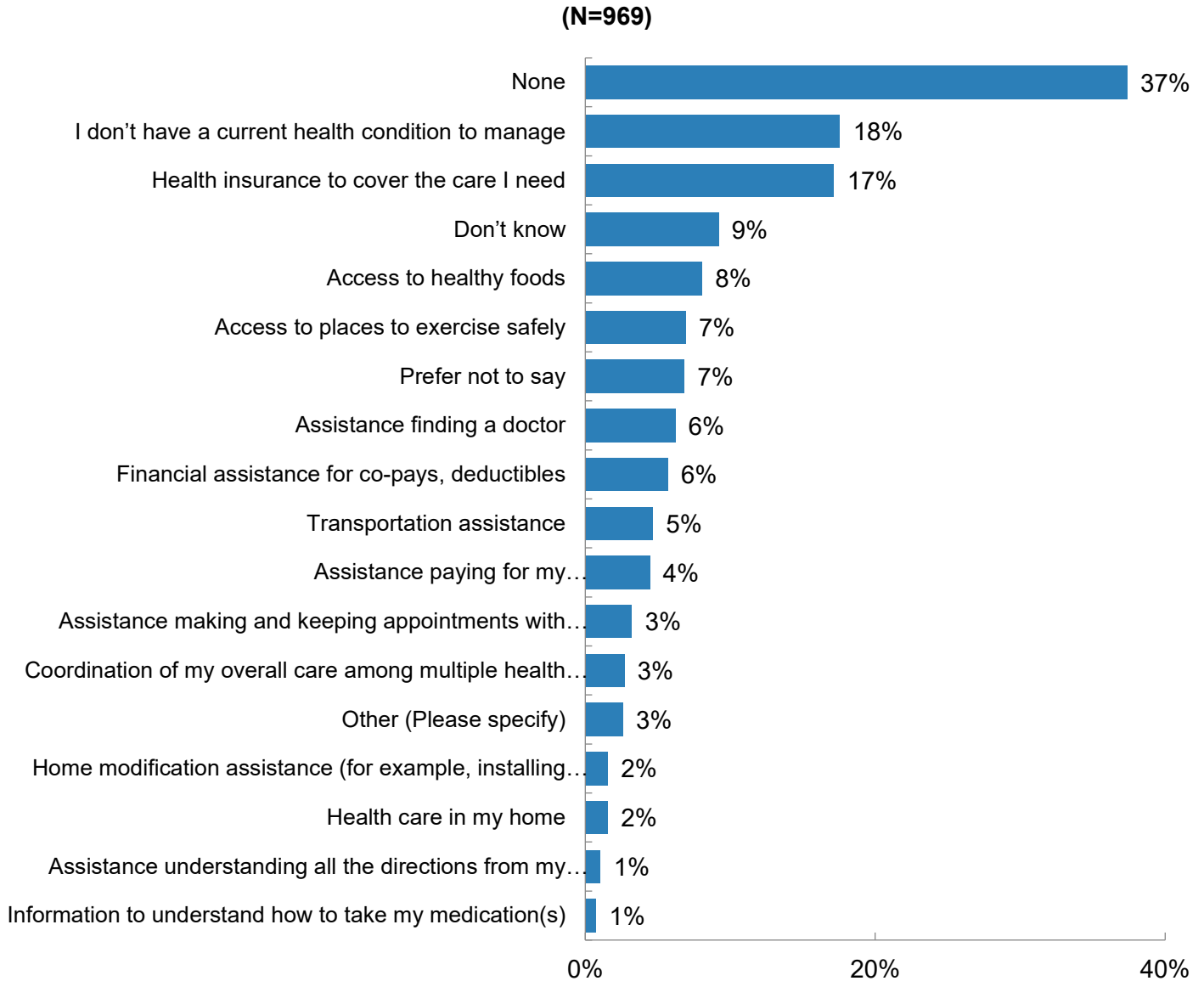


## Other

- "Acid Reflux, Diverticulitis"
- "Afib"
- "Asthma and Allergies"
- "Autism"
- "Autoimmune disease - spondylitis"
- "Blood clot disorder"
- "celiac, ocd"
- "Crohn's"
- "Ehlers-danlos \*rare disease\*\*"
- "Gallstones"
- "Grave's Disease"
- "H. pylori, beginning of Catara"
- "Hashimoto's Thyroiditis and Hypothyroidism"
- "Hearing"
- "Heart Arrhythmia"
- "Heart Condition that was "fixed""
- "Hiatal Hernia"
- "hypothyroidism"
- "Hypothyroidism and Hashimoto"
- "ILD, mild"
- "Infertility"
- "Internal bleeding"
- "Kidney Stones"
- "Kidney stones. Thyroid disease"
- "Low Iron"
- "Lupus SLE, Fibromyalgia"
- "Lupus/fibromyalgia"
- "multiple sclerosis"
- "Obesity"
- "Osteopenia"
- "Overweight"
- "PCOS, hypothyroidism, fibromyalgia, 5 back surgeries"
- "pelvic organ prolapse, varicose veins, bunions"
- "syncopal episodes, pots, migrains"
- "Tension Headaches"

- “thyroid disease”
- “Thyroid disease, psoriasis, insomnia”
- “TIA”
- “xlh”

**Figure C.30: What do you need to be able to manage your current health conditions (for example, heart conditions, high blood pressure, stroke, diabetes, asthma, cancer, COPD, congestive heart failure, arthritis, HIV, depression, anxiety, other mental health condition, etc.) to stay healthy? (Select all that apply.)**



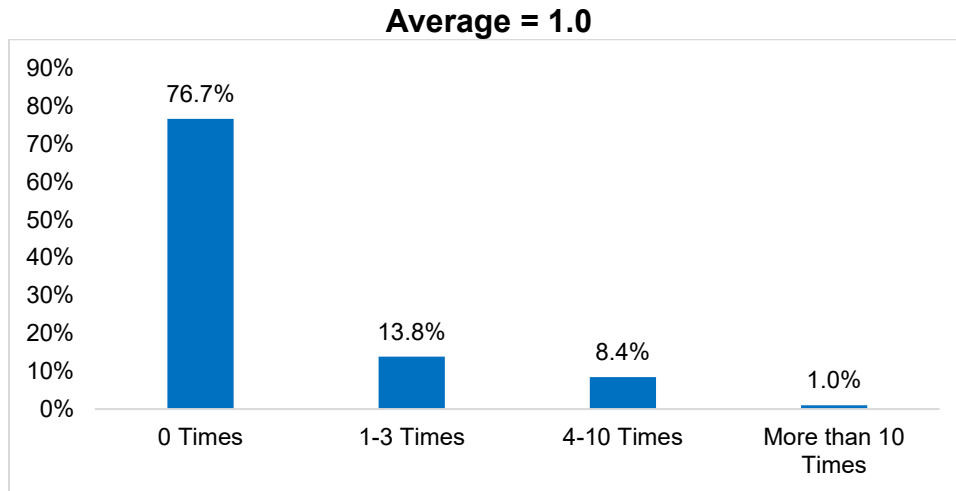
**Other**

- “A better PBM than Express Scripts”
- “Access to care within reasonable waits and distance.”
- “Better availability with scheduling appointments”
- “Cheaper medications”
- “copay”
- “Getting a doctor to refill my prescription”
- “I’m worried that my doctor always focuses on treating the symptoms and never trying to get to the source of the symptoms..”
- “lower cost to exercise in gyms”
- “More providers in our area”
- “More specialists local rheumatologists”
- “My budget can not afford any extra costs”

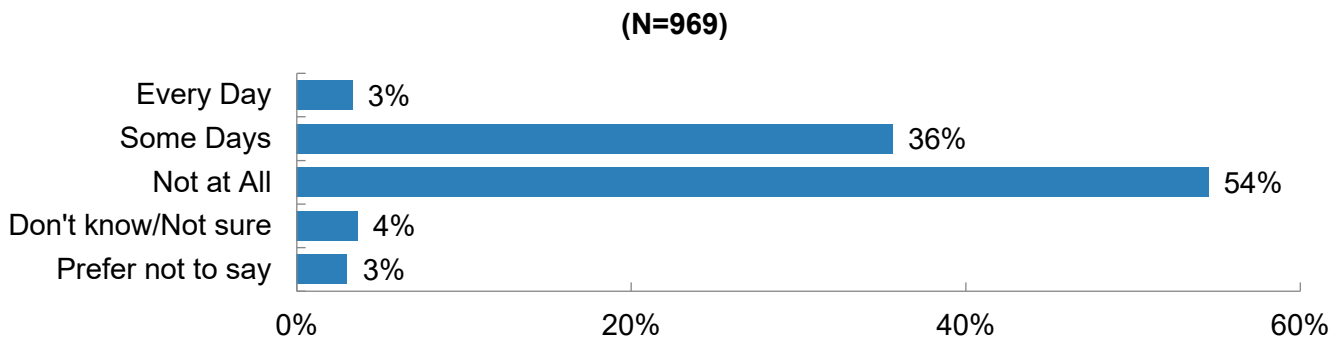
- “need discipline”
- “neuro and cardio specialists”
- “quality health care providers”
- “rails for steps”
- “Rheumatologists in the Dare/Currituck area”
- “Synthroid - had thyroid removed 40+years ago”
- “thyroid Hypo”
- “visual support”
- “We need local specialists”

## Topic: Alcohol and Substance Use

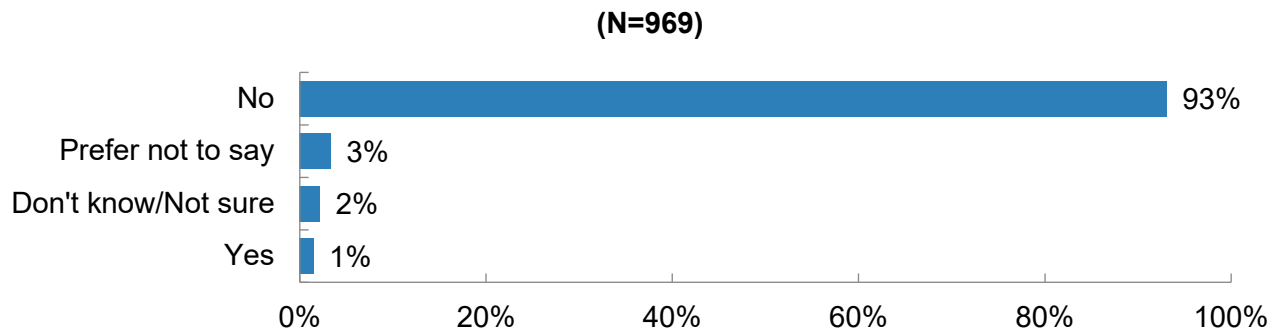
**Figure C.31: Considering all types of alcoholic beverages, how many times during the past 30 days did you have 4 (females)/ 5 (males) or more drinks on an occasion?**



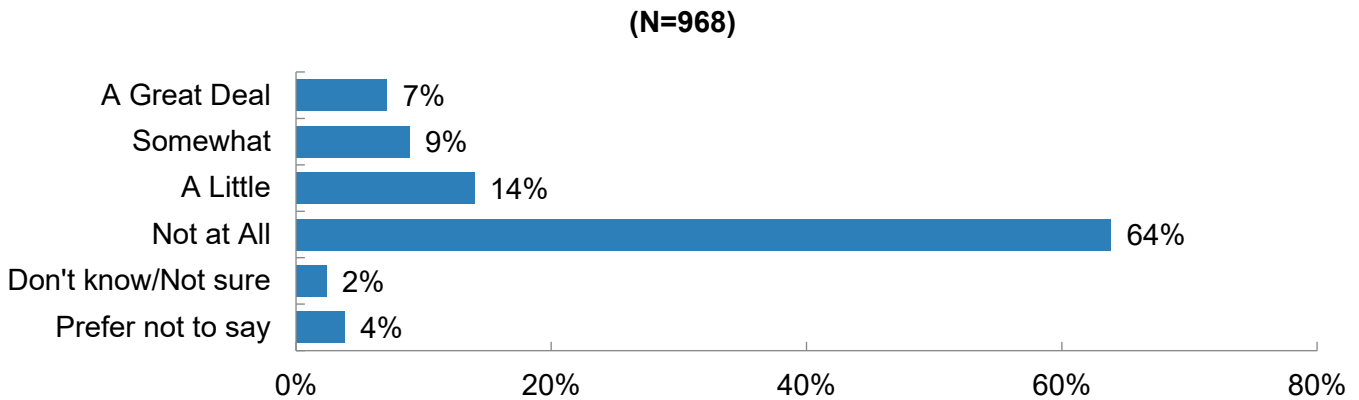
**Figure C.32: How often do you consume any kind of alcohol product, including beer, wine or hard liquor?**



**Figure C.33: In the past year, have you or a member of your household misused any form of prescription drugs (e.g. used without a prescription, used more than prescribed, used more often than prescribed, or used for any reason other than a doctor’s instructions)?**



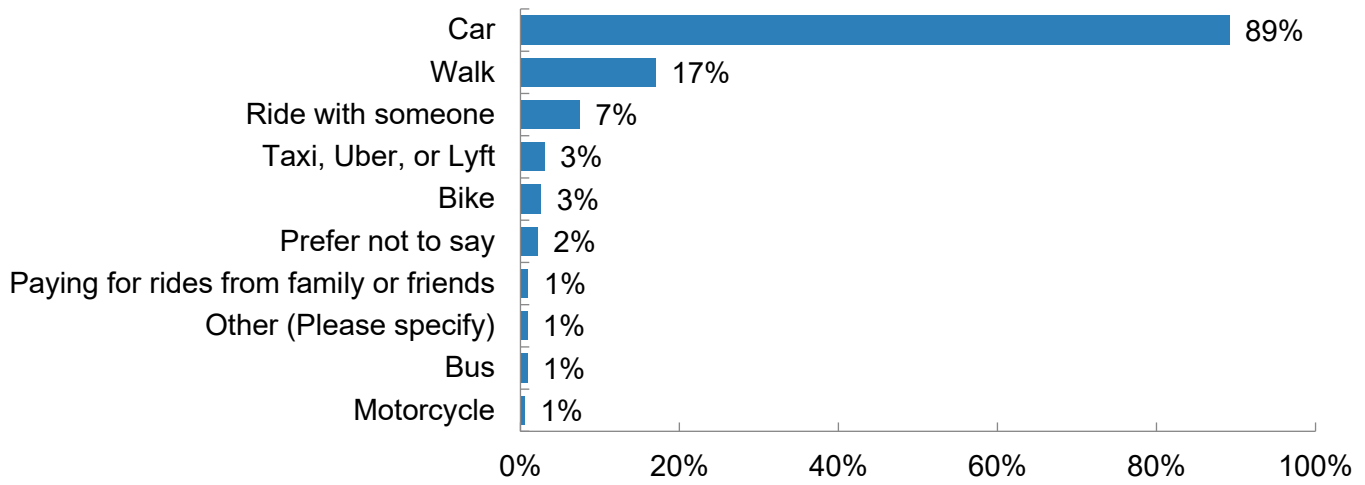
**Figure C.34: To what degree has your life been negatively affected by YOUR OWN or SOMEONE ELSE's substance abuse issues, including alcohol, prescription, and other drugs?**



**Topic: Transportation and Transit**

**Figure C.35: In a typical week, what kinds of transportation do you use the most? (Select all that apply.)**

(N=969)

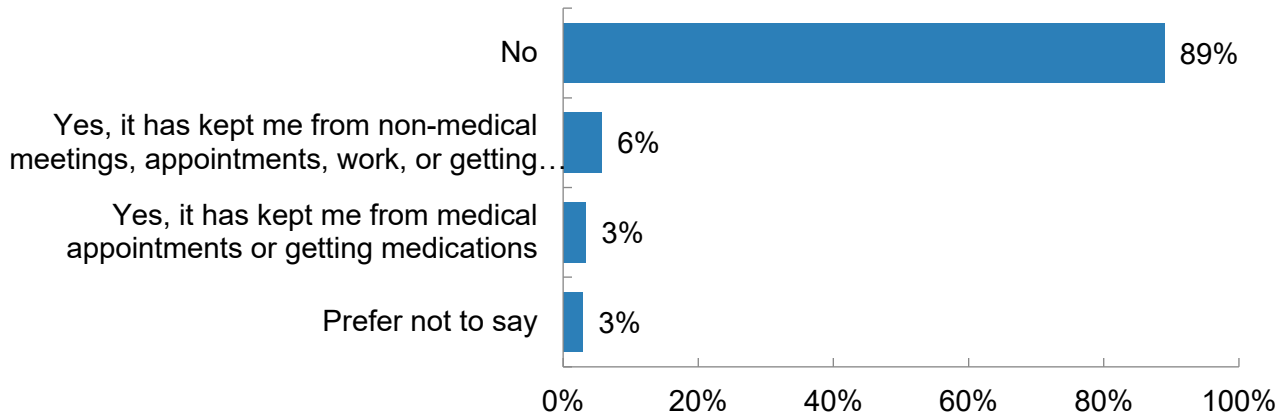


**Other**

- “Golf cart”
- “ICPTA”
- “Lay in bed”

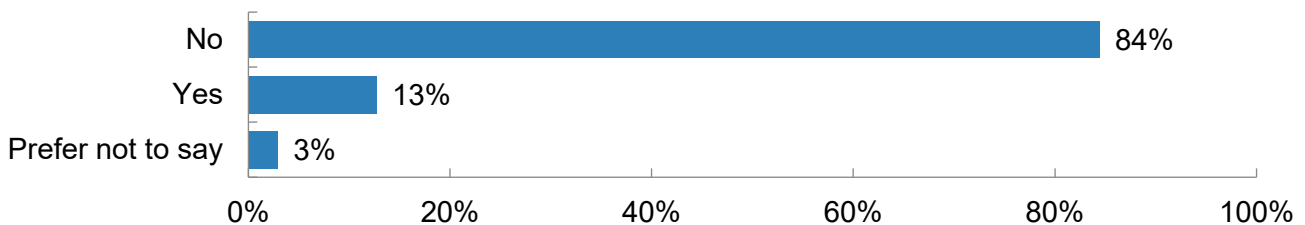
**Figure C.36: In the past 12 months has lack of transportation kept you from medical appointments, meetings, work, or getting things for daily living? Select all that apply:**

(N=966)



**Figure C.37: Do you put off or neglect going to the doctor because of distance or transportation?**

(N=969)



SAMC 2024 Focus Groups <sup>3</sup>			
<b>Six focus groups: 50 participants</b>	<b>Sex</b>	Female	42
		Male	8
	<b>Age</b>	17-25	1
		26-40	11
		41-55	6
		56-65	11
		65+	20
		<b>Race/Ethnicity</b>	White
	Black		31
	Hispanic		2

<sup>3</sup> Focus group demographic data not available from Camden County

## Focus Group Summary of Findings:

<b>Common Themes from Each County</b>	
<ol style="list-style-type: none"> <li>1. Healthcare access challenges</li> <li>2. Transportation barriers</li> <li>3. Food insecurity/access to healthy food</li> <li>4. Housing affordability</li> <li>5. Limited specialized medical care</li> <li>6. Need for more coordinated community services</li> <li>7. Elderly population facing multiple challenges</li> <li>8. Mental health service gaps</li> <li>9. Cost of living pressures</li> <li>10. Need for better community outreach and education</li> </ol>	
<b>Camden County Key Takeaways</b>	
<b>Health &amp; Wellness Issues</b>	<ul style="list-style-type: none"> <li>• Complete lack of healthcare providers in county</li> <li>• No dentists available</li> <li>• Doctors reported to be overwhelmed and stressed</li> <li>• Long wait times for appointments</li> <li>• Living close to state line complicates healthcare access as some doctors are in another state</li> </ul>
<b>Food Access &amp; Nutrition</b>	<ul style="list-style-type: none"> <li>• No grocery store in entire county</li> <li>• Residents must rely on farmers markets and local stands</li> <li>• Fresh food is important but hard to access</li> <li>• Rising food costs make it difficult to pay other bills</li> <li>• High food prices affect ability to maintain healthy diet</li> </ul>
<b>Social &amp; Economic Challenges</b>	<ul style="list-style-type: none"> <li>• Significant transportation barriers</li> <li>• No insurance coverage for many residents</li> <li>• Domestic violence concerns</li> <li>• Lack of affordable housing</li> <li>• Homelessness present</li> <li>• Need more HUD assistance</li> <li>• Food bank needed</li> <li>• Some residents can't afford rent due to high food costs</li> </ul>
<b>Community Strengths</b>	<ul style="list-style-type: none"> <li>• Community gardens active</li> <li>• Neighbors sharing food resources</li> <li>• Senior centers available</li> <li>• Community support systems</li> </ul>
<b>Currituck County Key Takeaways</b>	
<b>Health &amp; Wellness Issues</b>	<ul style="list-style-type: none"> <li>• Described as having "horrible access to care"</li> <li>• No access to care within county</li> <li>• Must travel to Elizabeth City or Virginia for services</li> <li>• Closest Urgent Care requires significant travel</li> <li>• Long wait times for appointments (3+ months typical)</li> <li>• Limited specialist access</li> <li>• Two pharmacies in entire county, at opposite ends</li> </ul>

	<ul style="list-style-type: none"> <li>• No pre/post natal care</li> </ul>
<b>Food &amp; Nutrition</b>	<ul style="list-style-type: none"> <li>• Cost of produce leads families to choose unhealthy options</li> <li>• Quality issues with available produce</li> <li>• Only 2 pharmacies in entire county</li> <li>• Limited restaurant options, mostly tourist-focused with high prices</li> </ul>
<b>Social &amp; Economic Challenges</b>	<ul style="list-style-type: none"> <li>• Housing crisis with bidding wars on available homes</li> <li>• Residents cannot compete with military/tourist housing market</li> <li>• No infrastructure for affordable homes</li> <li>• Transportation limitations</li> <li>• Cost of gas impacts ability to access services</li> <li>• High childcare costs</li> <li>• Limited activities to keep young adults in county</li> <li>• Most don't return after college</li> </ul>
<b>Geographic Disparities</b>	<ul style="list-style-type: none"> <li>• Moyock area and beach front have more wealth</li> <li>• Middle section more rural with farm land</li> <li>• Access to care and healthy food options varies significantly by location</li> </ul>
<b>Pasquotank County Key Takeaways</b>	
<b>Health &amp; Wellness Issues</b>	<ul style="list-style-type: none"> <li>• Limited providers accepting new patients</li> <li>• Dental access particularly difficult</li> <li>• Mental health services insufficient</li> <li>• Long wait times for appointments (6+ months for specialists)</li> <li>• Emergency department often only option</li> <li>• Telehealth limitations due to internet access</li> <li>• Language barriers in healthcare settings</li> </ul>
<b>Demographics &amp; Special Populations</b>	<ul style="list-style-type: none"> <li>• Large elderly population with specific needs</li> <li>• Significant Hispanic population facing language barriers</li> <li>• Low-income populations struggling with access</li> <li>• Young adult population (18-20) lacking insurance coverage</li> </ul>
<b>Community Assets</b>	<ul style="list-style-type: none"> <li>• HealthNet Albemarle providing charitable care</li> <li>• Diabetes Prevention Program</li> <li>• FQHC with sliding fee schedule</li> <li>• Active senior center and recreation center</li> <li>• Food Bank</li> <li>• Hopeline services</li> <li>• Souls Kitchen</li> <li>• Multiple churches</li> <li>• Cultural diversity</li> <li>• Local hospital presence</li> </ul>
<b>Perquimans County Key Takeaways</b>	
<b>Health &amp; Wellness Issues</b>	<ul style="list-style-type: none"> <li>• Significant provider/specialist shortage</li> <li>• Insurance coverage issues</li> <li>• Long appointment wait times</li> </ul>

	<ul style="list-style-type: none"><li>• Access to care challenges</li><li>• Physical assistance needs for ill/injured</li><li>• Top health concerns are: High blood pressure, diabetes, asthma, cancer, and stroke</li></ul>
<b>Food &amp; Nutrition</b>	<ul style="list-style-type: none"><li>• Affordability of healthy foods a major concern</li><li>• Limited food options</li><li>• Portion size issues for single residents</li><li>• Quality concerns with available produce</li><li>• Need for better food education</li></ul>
<b>Community Resources</b>	<ul style="list-style-type: none"><li>• Senior Center active</li><li>• Health Department services</li><li>• Recreation Department programming</li><li>• Missing Mill Park</li><li>• Food Pantry services</li><li>• Need for more shared knowledge about available services</li><li>• Desire for community pool/swimming area</li><li>• Request for comprehensive service catalog</li></ul>

## Appendix D: Prioritization

### Prioritization Process Overview and Results

The process of identifying the priority health needs for the 2024 CHNA began with the collection and analysis of hundreds of new and existing data measures. In order to create more easily discussable categories, all individual data measures were then grouped into six categories and 20 corresponding focus areas based on “common themes” that correspond to the County Health Rankings model.

Since a large number of individual data measures were collected and analyzed to develop these 20 focus areas, it was not reasonable to make each of them a priority. Pasquotank County leadership considered which focus areas had data measures of high need or worsening performance, priorities from the primary data, and how possible it is for health departments or hospitals to impact the given need to help determine which health needs should be prioritized.

Camden, Currituck, Pasquotank and Perquimans County leadership utilized the multi-voting technique to determine priority need areas, while considering the following factors:



Group discussion was held to assemble a list of priority areas. After discussion, all Steering Committee participants voted to identify top three priority areas. Once the votes were tallied, another discussion was held to finalize the priority need areas.

The final priority need areas were not ranked in any particular order of importance, and each will be addressed by Sentara leadership. The following three focus areas (Access to Healthcare, Behavioral Health: Mental Health/Substance Misuse, and Healthy Living) were identified as top priority health needs to be addressed by leaders.

The following organizations participated in the prioritization voting process:

- Albemarle Area United Way
- Albemarle Regional Health Services
- Camden County Officials
- Catholic Charities
- Community Members
- College of the Albemarle
- Elizabeth City State University
- Elizabeth City Downtown
- River City Community Development Corp
- Roanoke Chowan CHC
- Sentara Health
- Trillium

## Description of the Community Needs Identified

For each priority concern that has been identified, the related threats and opportunities are listed.

Behavioral Health	
<p>Threats Posed to the Community</p> <ul style="list-style-type: none"> <li>• Increased substance use</li> <li>• Perception of fear and stigma</li> <li>• Increase in health care needs</li> <li>• Not enough services available</li> <li>• Emergency Room overutilization</li> <li>• Impacts both youth and adults, increasing suicidal thoughts</li> </ul>	<p>Opportunities Created for Community</p> <ul style="list-style-type: none"> <li>• Increase access to mental health services and education</li> <li>• Education for community, families, teachers, youth, parents</li> <li>• Opportunity to provide more resources and opportunities for providers to make better referrals</li> <li>• Collaboration on all fronts to make a difference</li> <li>• Telepsych services within the hospital</li> </ul>
Chronic Disease	
<p>Threats Posed to the Community</p> <ul style="list-style-type: none"> <li>• Chronic disease utilizes a lot of resources (doctors, time, costs)</li> <li>• Hard to get PCPs to refer clients</li> <li>• Emergency room admissions</li> <li>• Less physical activity among youth and adults</li> <li>• Lack of physical activity in schools</li> <li>• Access to healthy food</li> <li>• Higher healthcare costs</li> <li>• Alzheimer's will have a large effect on the aging population</li> </ul>	<p>Opportunities Created for Community</p> <ul style="list-style-type: none"> <li>• Opportunity to provide more education and opportunities in the community (diabetes programs, screening events, health fairs)</li> <li>• Opportunities for education on physical health, YMCA partnerships</li> <li>• Opportunities to collaborate with community partners to educate and provide services</li> <li>• Aging in place, healthy lifestyles for aging communities in rural areas</li> <li>• Mammography services, no PCP required for referral</li> <li>• Community garden, healthy food education</li> <li>• Mobile clinic services</li> </ul>
Social Drivers of Health	
<p>Threats Posed to the Community</p> <ul style="list-style-type: none"> <li>• Reduced opportunity for low- and middle-income families to graduate college</li> <li>• Less educated society</li> <li>• Less access to medications</li> <li>• Increase of Emergency Room visits vs. primary/preventive care</li> <li>• Making choices of healthcare versus dinner</li> </ul>	<p>Opportunities Created for Community</p> <ul style="list-style-type: none"> <li>• Grant funding for partners to provide trade school opportunities and education</li> <li>• Identify programs that help with payments for bills/Medicaid, Medicare specialist to assist with insurance applications</li> <li>• Provide education for patients to talk about true healthcare costs</li> <li>• Providing education to address healthcare programs for prevention</li> <li>• Utilizing diverse Community Health Workers</li> <li>• Better connections with nonprofits and community health centers to identify and address health needs</li> </ul>