



Community Health Needs Assessment

2013

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Community Health Needs Assessment Summary

Summary

- Audrain Medical Center is a not-for-profit faith-based healthcare facility in Mexico, MO. In April, 2013, Audrain Medical Center became part of the SSM Health Care (hereinafter referred to as SSM) system based out of St. Louis, MO, that owns and operates healthcare facilities in Missouri, Wisconsin, Illinois and Oklahoma. As a faith-based organization the mission of SSM and Audrain Medical Center is "Through our exceptional healthcare services, we reveal the healing presence of God." The primary service area for Audrain Medical Center encompasses Audrain and Montgomery Counties in Missouri. Audrain Medical Center has been serving its community since 1918.
- In an effort to better serve the community and to meet the IRS requirements, Audrain Medical Center performed a community health needs assessment (CHNA) to further recognize the needs of the people. The first step was for staff members to review and understand the requirements of the CHNA and how the organization might use this data to better serve its customers and community.
- Audrain Medical Center collected secondary health data from various state and national agencies and organizations. This report summarizes the health status of our community and identifies priorities to address in partnership with others.

Summary (cont.)

- In addition to secondary data, Audrain Medical Center surveyed the community using group meetings and a direct mail paper survey. Community groups were asked their thoughts on community health and the unmet health needs in Audrain and Montgomery counties. The paper survey was sent to over 540 random community members and with 123 completed surveys returned, the data was collated and presented to the community team.
- The community team discussed the survey data and the secondary information to assist in the prioritization of needs. A standard prioritization tool, provided by SSM, was used to focus the discussion and create agreement on the top issues facing our area. We recommended that the two focuses of Audrain Medical Center, in coordination with our community partners be to lower the risk of heart disease and obesity rate in the service area and to increase access to additional health care specialists and services.
- These priorities were recommended to the Administrative Council at Audrain Medical Center and were adopted as the community health focus for 2014 and 2015. By January 2014, Audrain Medical Center will put forth a strategic implementation plan to affect change in these areas recognized as the top places of need.

Demographics

Demographics

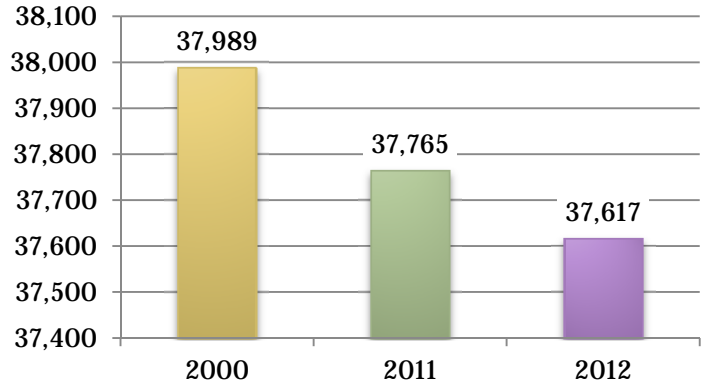
Population Projection

Audrain Medical Center's service area includes Audrain and Montgomery Counties.

Based on an analysis of the US Census, Audrain & Montgomery Counties growth rate is declining.

Population Estimates: Audrain/Montgomery Counties

Source: US Census



2012 Population

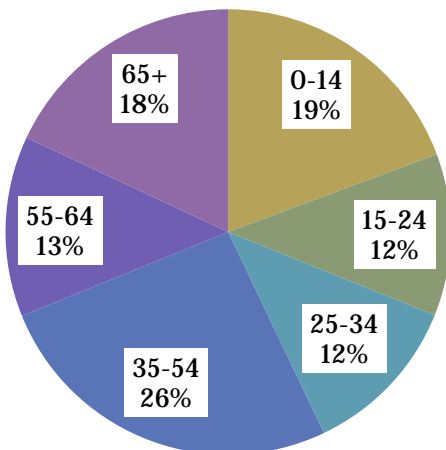
The largest age group in Audrain and Montgomery Counties is the 35-54 group, which makes up about 26% of the total population.

Audrain & Montgomery Counties gender segmentation show a higher percentage of women than men.

2012 Estimated Population

Segmented by Age Cohort

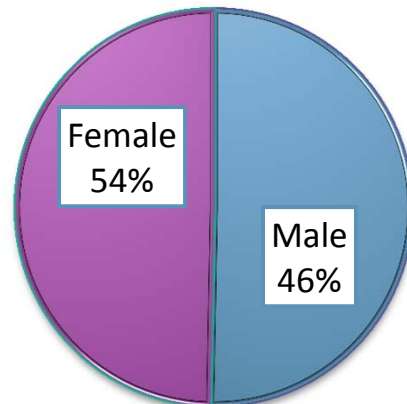
Source: MO Dept of Health & Senior Services



2012 Estimated Population – Audrain & Montgomery

Segmented by Gender

Source: MO Dept of Health & Senior Services





County Health Rankings

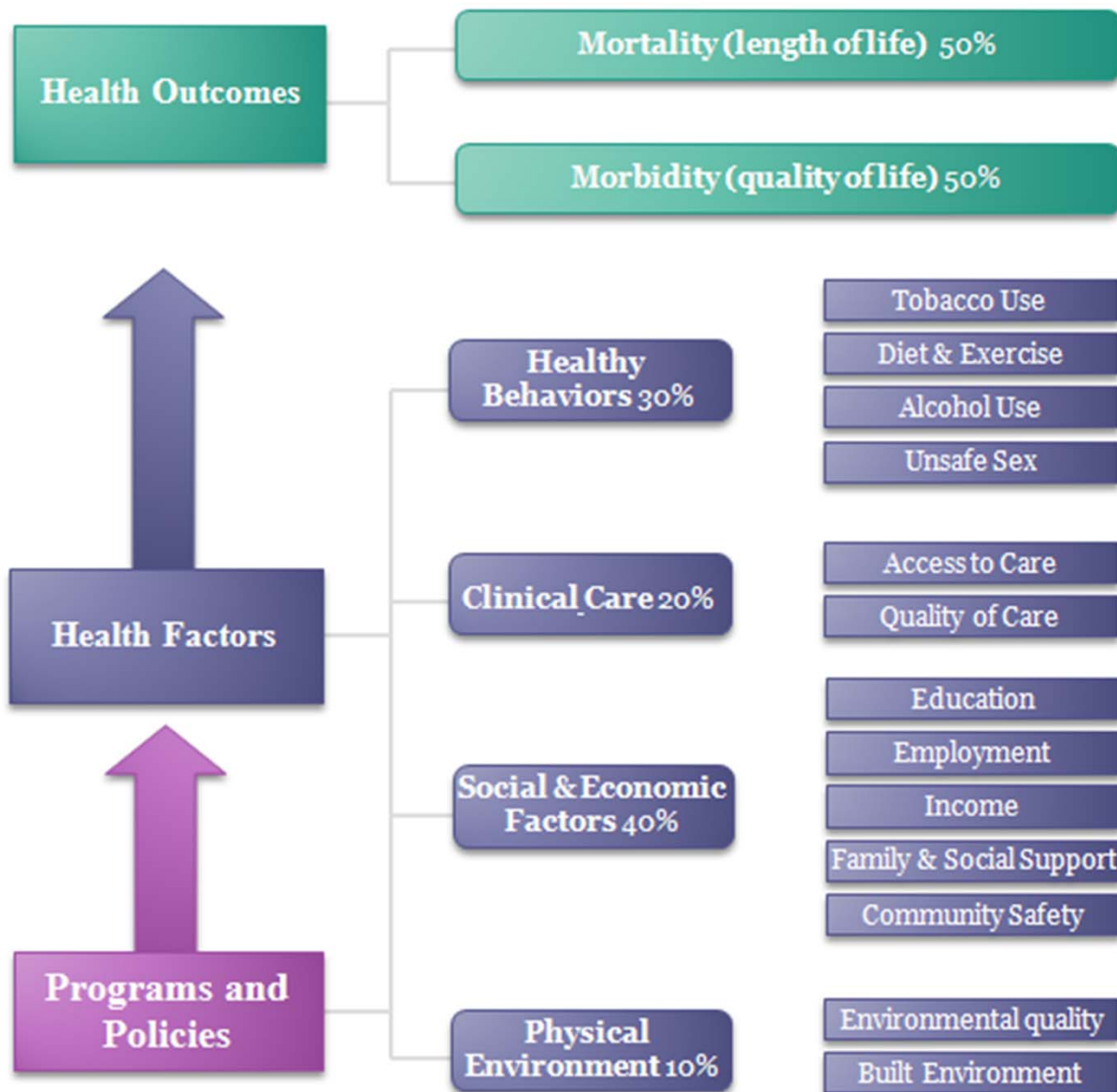
County Health Rankings

The health of a community depends on many different factors - ranging from health behaviors, education and jobs, to quality of health care, to the environment.

The Robert Wood Johnson Foundation collaborates with the University of Wisconsin Population Health Institute to develop County Health Rankings for each state. These rankings are based on the following:

- **Health Outcomes:** Health outcomes in the County Health Rankings represent how healthy a county is.
- **Health Factors:** Health factors in the County Health Rankings represent what influences the health of a county.

Source: www.countyhealthrankings.org



Health Outcomes

Health Outcomes – Mortality & Morbidity

2012 County Health Rankings – Mortality & Morbidity

Out of 115 Missouri counties, Audrain was ranked 74 and Montgomery ranked 81 for Health Outcomes, which included Mortality and Morbidity.

Audrain was ranked 46 and Montgomery 90 for mortality. The measure for mortality was premature death (years of potential life lost before age 75 per 100,000 population).

Mortality (Premature Death) (Rank #46 & 90)	
Audrain County	7,939
Montgomery County	9,634
Missouri	7,827
National Benchmark (90 th percentile)	5,317

Source: National Vital Statistics System, 2001-2009, www.countyhealthrankings.org

Audrain was ranked 83 and Montgomery 57 for morbidity. The measures for morbidity included: poor or fair health (age-adjusted percent of adults reporting fair or poor health), poor physical health days (age-adjusted average number of physically unhealthy days reported in past 30 days), poor mental health days (age-adjusted average number of mentally unhealthy days reported in past 30 days), and low birthweight (percent of live births with low birthweight of < 2500 grams).

Morbidity (Rank #83 & 57)				
	Poor or fair health	Poor physical health days	Poor mental health days	Low birthweight
Audrain County	19%	4.6	4.7	7.6%
Montgomery County	19%	4.5	2.4	7.7%
Missouri	16%	3.6	3.7	8.1%
National benchmark (90 th percentile)	10%	2.6	2.3	6.0%

Sources: National Vital Statistics System (NVSS), 2001-2009; www.countyhealthrankings.org

Other Health Status Indicators – Audrain

Top 5 Causes of Death (2011)

Source: Missouri DHSS, MICA

1. Cancer
2. Heart Disease
3. Cerebrovascular disease - Stroke
4. Chronic lower respiratory diseases
5. Diabetes

Inpatient Hospitalizations – Top 5 Diagnoses (2011)

Source: 2011 Missouri Information for Community Assessment

1. Heart & circulation
2. Respiratory (throat and lung)
3. Pregnancy – birth – reproduction
4. Digestive system
5. Injury and poisoning

Inpatient Hospitalizations Top 5 Chronic Disease Diagnoses (2011)

Source: 2011 Missouri Information for Community Assessment

1. Heart disease
2. Cancer
3. Arthritis/other joint disorders
4. Stroke/cerebrovascular disease
5. Chronic obstructive pulmonary disease (COP)

Other Health Status Indicators (cont) – Audrain

ER– Top 5 Diagnoses (2011)

Source: 2011 MO Information for Community Assessment

1. Injury & poisoning
2. Respiratory (throat & lung)
3. Symptoms and ill-defined conditions
4. Brain – spinal cord – eyes – ears
5. Digestive system

ER– Top 5 Chronic Disease Diagnoses (2011)

Source: 2011 MO Information for Community Assessment

1. Heart Disease
2. Chronic obstructive pulmonary disease (COPD)
3. Arthritis/other joint disorders
4. Asthma
5. Alcohol/substance related disorders (tie)
5. Diabetes (tie)

Other Health Status Indicators (cont) – Montgomery

Top 5 Causes of Death(2011)

Source: Missouri DHSS, MICA

1. Heart Disease
2. Cancer
3. Cerebrovascular disease - Stroke
4. Chronic lower respiratory diseases
5. Total unintentional injuries – motor vehicle accidents

Inpatient Hospitalizations – Top 5 Diagnoses (2011)

Source: 2011 Missouri Information for Community Assessment

1. Heart & circulation
2. Respiratory (throat and lung)
3. Injury and poisoning
4. Pregnancy – birth – reproduction
5. Mental disorders

Inpatient Hospitalizations Top 5 Chronic Disease Diagnoses (2011)

Source: 2011 Missouri Information for Community Assessment

1. Heart disease
2. Cancer
3. Arthritis/other joint disorders
4. Stroke/cerebrovascular disease
5. Chronic obstructive pulmonary disease (COP)

Other Health Status Indicators (cont) - Montgomery

ER– Top 5 Diagnoses (2011)

Source: 2011 MO Information for Community Assessment

1. Injury & poisoning
2. Symptoms and ill-defined conditions
3. Respiratory (throat & lung)
4. Bone-connective tissue-muscle
5. Digestive system

ER– Top 5 Chronic Disease Diagnoses (2011)

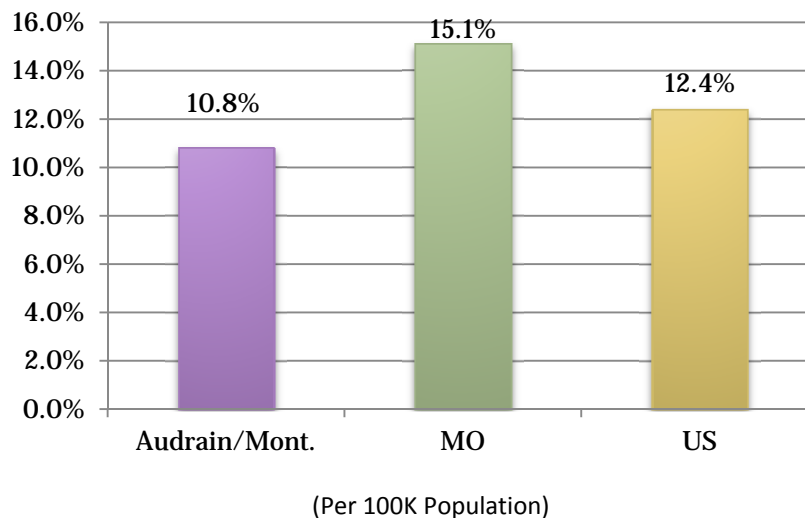
Source: 2011 MO Information for Community Assessment

1. Heart Disease
2. Chronic obstructive pulmonary disease (COPD)
3. Arthritis/other joint disorders
4. Asthma
5. Alcohol/substance related disorders (tie)
5. Diabetes (tie)

Suicide rates in Audrain and Montgomery Counties was lower at 10.8% than the MO and US percentages.

2011 Suicide Rates (estimates based on 2000 census)

Source: US CDC fastfacts and MO/Counties MICA



Other Health Status Indicators (cont)

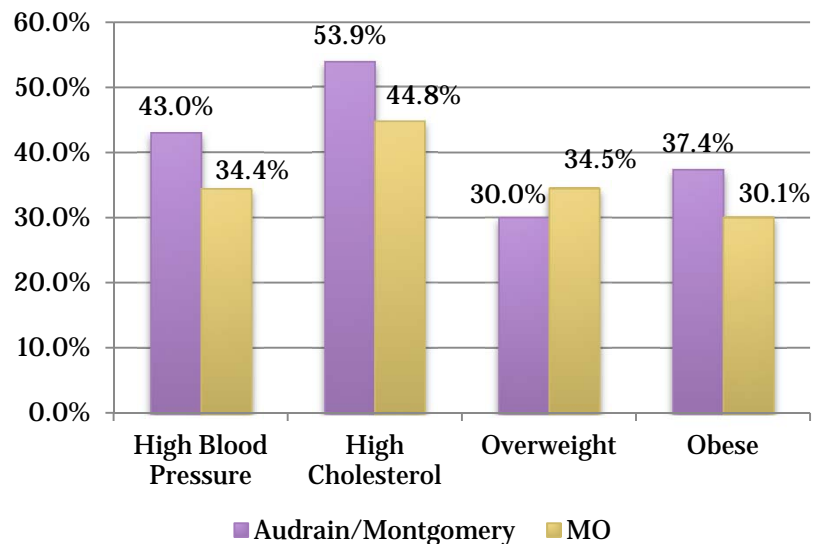
Missouri County-level Study (CLS)

The Missouri County-level Study (CLS), which was first conducted in 2003 and again in 2007 & 2011, produced county-level estimates of chronic disease risk factors, diseases and related health conditions. The CLS involved interviews with Missouri adults and was supported by a grant from the Missouri Foundation for Health (MFH). The University of Missouri-Columbia Health and Behavioral Risk Research Center (UMC HBRRC) conducted the interviews.

Audrain/Montgomery County's rates for high blood pressure, high cholesterol, and obesity are higher than the Missouri indicators.

Health Risk Factors

Source: 2011 Missouri CLC (MO DHSS)



“Low-income Preschool Obesity Rate” represents the prevalence of obesity among children aged 2-4 years in households with income < to 200% of the poverty threshold based on family size. For children aged 2-4 years, obesity is defined as BMI-for-age > 95th percentile based on the 2000 Centers for Disease Control and Prevention’s (CDC) sex-specific growth charts.

Low-income Preschool Obesity Rate (2009)

Source: United States Department of Agriculture (USDA) Food Environment Atlas

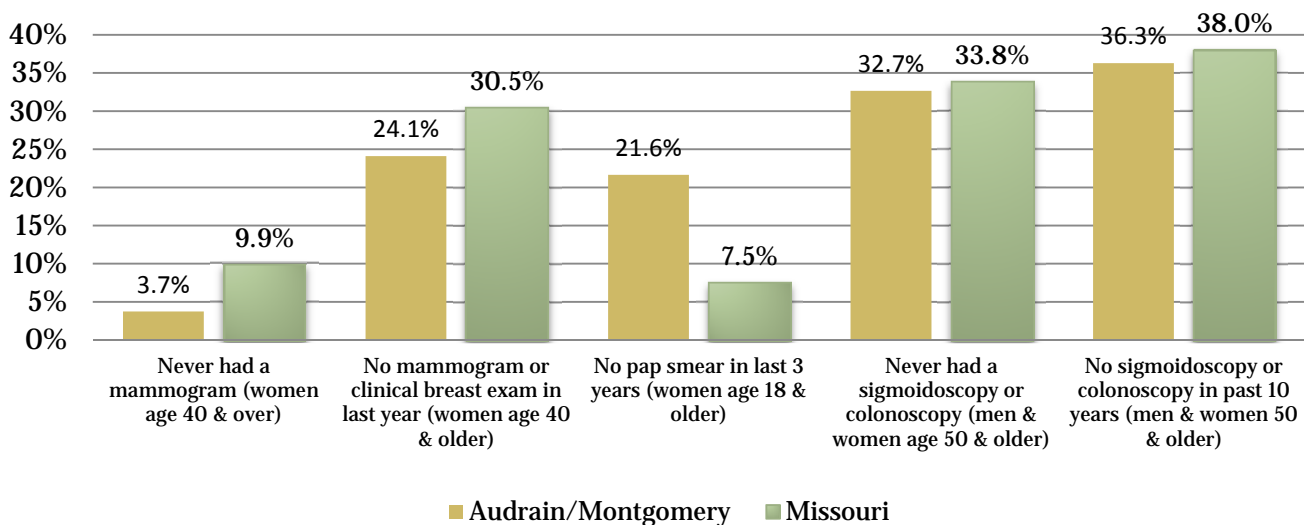
Audrain: 14.6%; Montgomery: 14.8%

Other Health Status Indicators (cont)

The number of new cancer cases can be reduced, and many cancer deaths can be prevented with age-appropriate screenings and treatment. Audrain/Montgomery Counties are lower than Missouri rates.

Cancer Detection Screenings

Source: 2011 Missouri CLS (MO DHSS)



Health Factors

2012 County Health Rankings – Health Factors

Out of 115 Missouri counties, Audrain was ranked 43 and Montgomery 64 for Health Factors, which included Health Behaviors, Clinical Care, Social & Economic Factors, and Physical Environment.

2012 County Health Rankings – Health Behaviors

Audrain county was ranked 48 and Montgomery 62 for Health Behaviors, which included Adult obesity* (percent of adults that report a BMI ≥ 30), Physical inactivity (percent of adults aged 20 and over reporting no leisure time physical activity), and Excessive drinking*.

*The excessive drinking measure reflects the percent of the adult population that reports either binge drinking, defined as consuming more than 4 (women) or 5 (men) alcoholic beverages on a single occasion in the past 30 days, or heavy drinking, defined as drinking more than 1 (women) or 2 (men) drinks per day on average.

Health Behaviors (Rank #48 – Audrain and #62 - Montgomery)			
Source: countyhealthrankings.com			
	Adult obesity	Physical inactivity	Excessive drinking*
Audrain	31%	32%	12%
Montgomery	32%	30%	13%
Missouri	31%	28%	17%
National Benchmark (90 th percentile)	25%	21%	7%

Other Health Behavior Factors

Traffic Safety

In 2011, there were a total of 451 crashes in Audrain County and 327 in Montgomery County. Out of these crashes in Audrain, 1 was fatal; 16.6% (75) involved speeding; and 4% (18) involved drinking. A seat belt was used in the fatal crash. Out of these crashes in Montgomery County, 4 were fatal; 8.6% (28) involved speeding; and 1.2% (4) involved drinking. A seat belt was not used in .9% (3) of these fatal crashes.

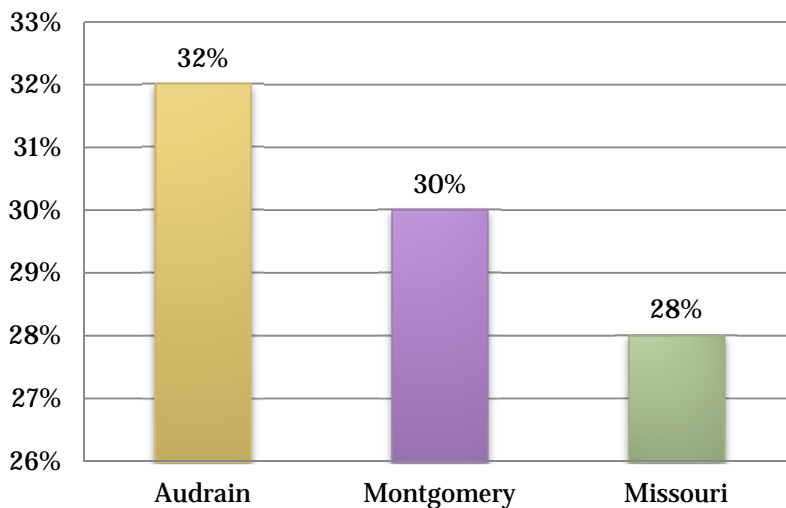
Audrain/Montgomery County – 2011 Crash Data				
	Audrain	Mont.	Audrain	Mont.
Fatal	1	4	0.2%	1.2%
Injury	107	28	23.7%	8.6%
Property Damage	343	51	76%	15.6%
Speed	75	28	16.6%	8.6%
Drinking	18	4	4%	1.2%
Young Driver	102	16	22.6%	4.9%
Mature Driver	170	18	37.7%	5.5%
Motorcycle	8	1	1.8%	.3%
Pedestrian	4	0	.9%	0%
Fixed Object	110	141	24.4%	43.1%
Persons Killed	1	4	.2%	1.2%
Safety Device Not Used	0	3	0%	.9%
Persons Injured	152	115	33.7%	35.2%
Safety Device Not Used	25	16	5.5%	4.9%
Total	451	327		

Source: Missouri State Highway Patrol, 2011, <http://www.mshp.dps.mo.gov/>

Other Health Behavior Factors (cont.)

Physical Inactivity

Source: www.countyhealthrankings.org

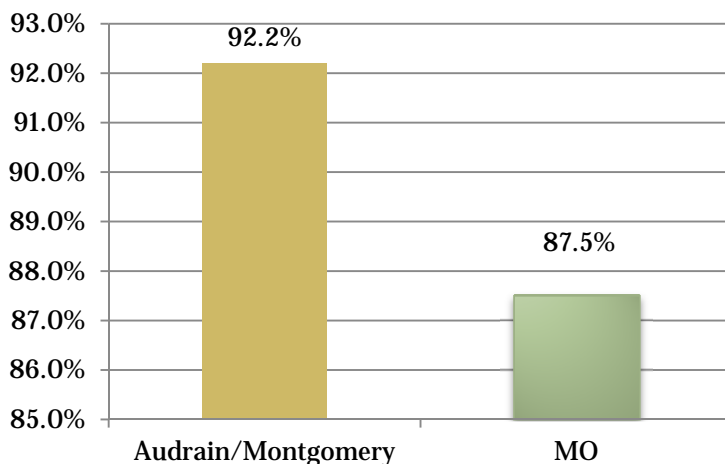


Those who did not engage in leisure-time physical activity have not participated in any physical activities or exercise such as running, calisthenics, golf, gardening, or walking for exercise in the past 30 days. Audrain & Montgomery rates are a little higher than Missouri's.

Over 92.2% of Audrain/Montgomery residents consume less than 5 fruits and vegetables per day. This is higher than Missouri's 87.5%.

Less than 5 Fruits/Vegetables per Day

Source: 2011 Missouri CLC (MO DHSS)



Health Factors – Clinical Care

2012 County Health Rankings – Clinical Care

Audrain County was ranked #29 and Montgomery #57 for Clinical Care, which included Uninsured (percent of population under age 65 without health insurance), Primary care physicians (ratio of population to primary care physicians), Preventable hospital stays (Hospitalization rate for ambulatory-care sensitive conditions per 1,000 Medicare enrollees), Diabetic screening (Percent of diabetic Medicare enrollees that receive HbA1c screening), and Mammography screening (Percent of female Medicare enrollees that receive mammography screening).

Clinical Care (Rank: Audrain #29, Montgomery #57)

	Uninsured	Primary care physicians	Preventable hospital stays	Diabetic screening	Mammography screening
Audrain	15%	1,593:1	87	85%	68%
Montgomery	18%	2,450:1	78	86%	62%
Missouri	15%	1,495:1	73	85%	64%
National Benchmark (90 th percentile)	11%	1,067:1	47	90%	73%

Sources: www.countyhealthrankings.org

Other Clinical Care Indicators

Mental Health Providers

Audrain County	6,372:1
Montgomery County	12,248:1
Missouri	2,802:1

Source: www.countyhealthrankings.org

2012 County Health Rankings – Social & Economic Factors

Aurdain County was ranked 50 and Montgomery 72 for Social & Economic Factors, which included Inadequate social support (percent of adults without social/emotional support), Children in single-parent households (percent of children that live in household headed by single parent), and Violent crime rate (violent crime rate per 100,000 population).

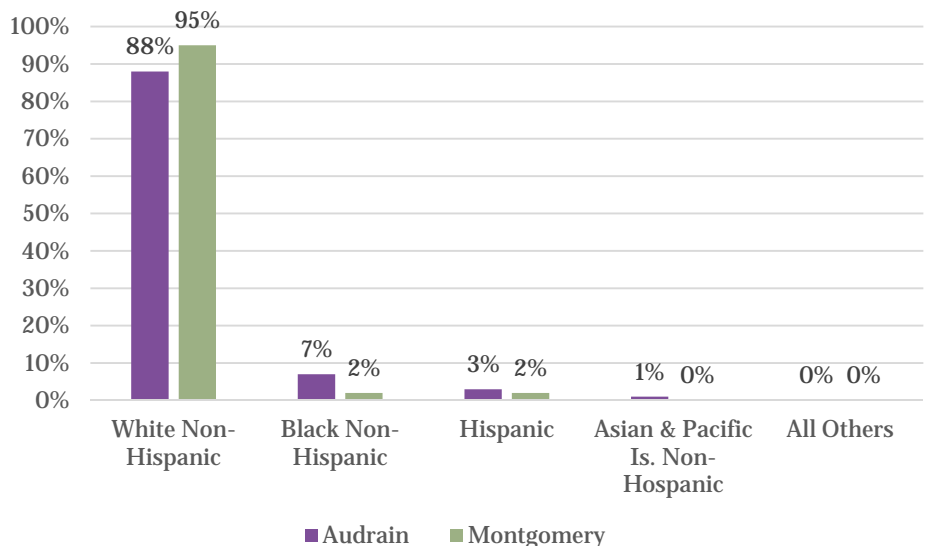
Social & Economic Factors (Rank: Aurdain #50, Montgomery #72)			
	Inadequate social support	Children in single-parent households	Violent crime rate
Aurdain	16%	27%	167
Montgomery	19%	34%	139
Missouri	19%	33%	518
National Benchmark (90 th percentile)	14%	20%	66

Source: www.countyhealthrankings.org

Other Social & Economic Factors

Race/Ethnicity Distribution

Source: www.countyhealthrankings.org

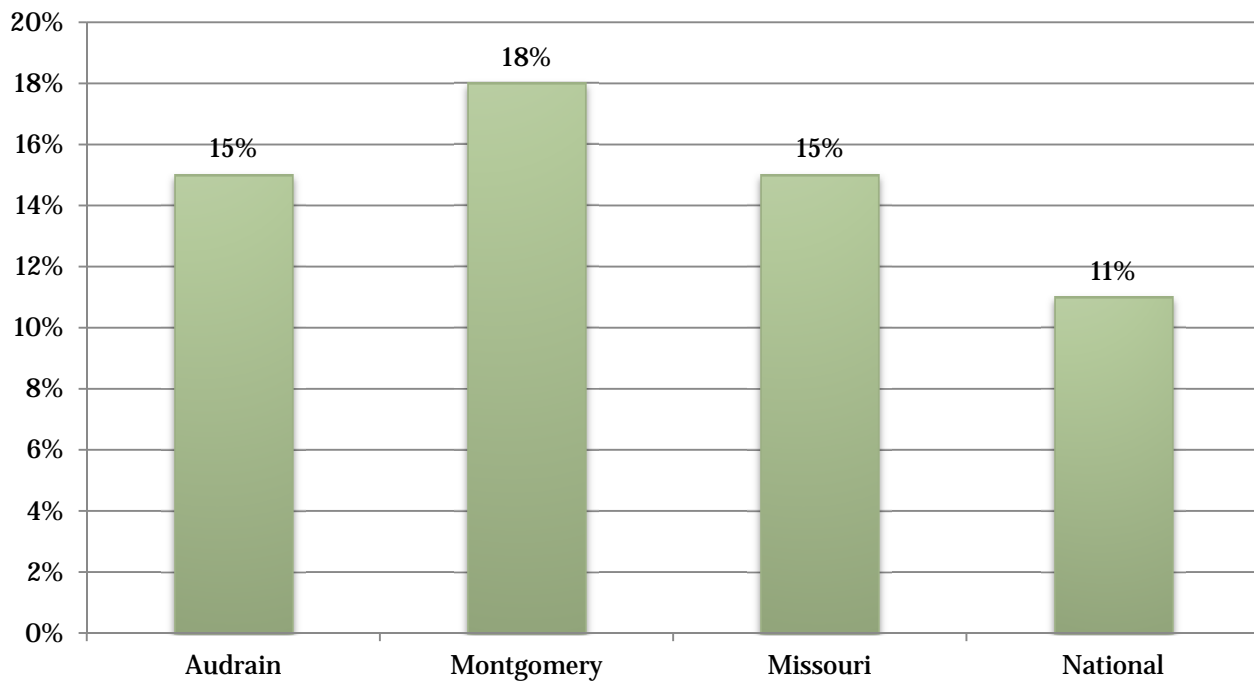


The population in Aurdain & Montgomery Counties is predominantly White/non-Hispanic.

Other Social & Economic Factors (cont.)

Audrain & Montgomery Counties have a higher percentage of uninsured compared to the national percentage. Uninsured individuals are more likely to go without preventive care, to delay or forgo medical care, and to die prematurely. When sick, the uninsured may utilize emergency services for care. When uninsured patients cannot afford their medical bills, the cost of this care is passed on to the insured in the form of higher premiums.

Source: Families USA, 2011, <http://www.familiesusa.org/issues/uninsured/>

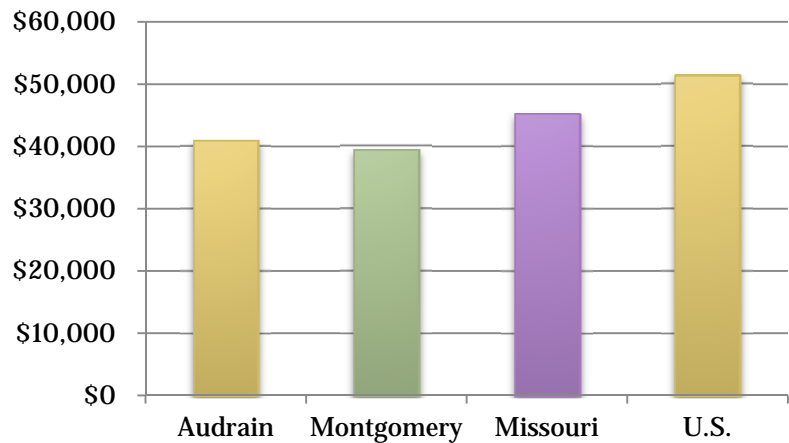


Other Social & Economic Factors (cont.)

2011 Average Household Income

Source: www.countyhealthrankings.org

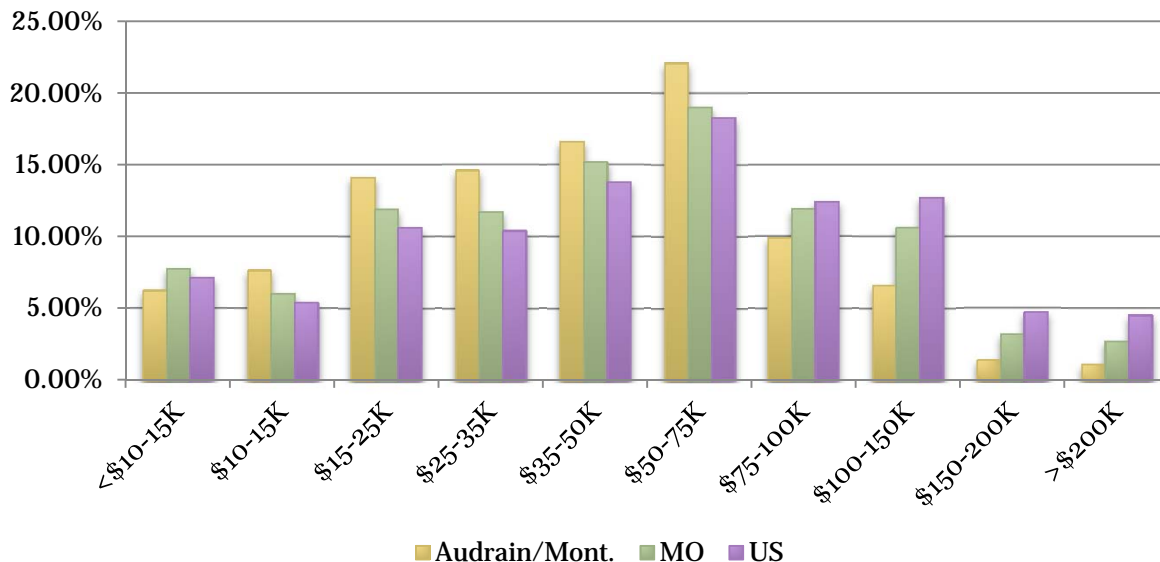
The average household income in Audrain & Montgomery Counties is considerably lower than Missouri and the U.S.'s average.



Audrain/Montgomery Counties had a higher percent of average household incomes of \$10-15K, \$15-25K, \$25-35K, \$35-50K, and \$50-75K when compared with Missouri and the U.S. as a whole.

2011 Household Income Distribution

Source: US Census American Community Survey (5 year estimates 2007-2011)



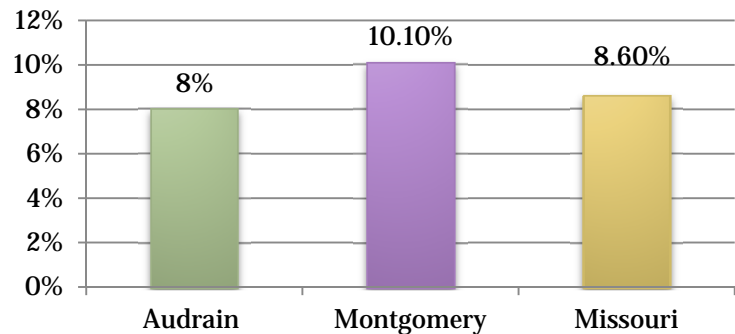
Other Social & Economic Factors (cont.)

Labor Force/Unemployment

The unemployment rate for Audrain County was 8%, which is lower than Missouri's unemployment rate of 8.5% but Montgomery County's unemployment rate was 10.1% which is higher than Missouri's.

Unemployment Rates (July 2013)

Source: Missouri Economic Research and Information Center, Missouri Department of Economic Development



Major Employers in Audrain & Montgomery Counties

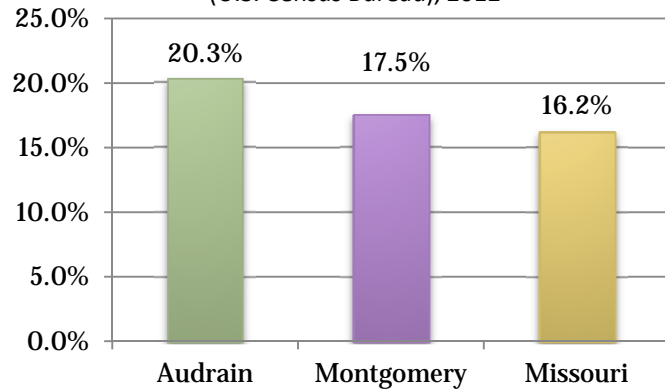
Audrain Medical Center
True Manufacturing
Mexico Public Schools
Wal-Mart
Dawn Food Products
Continental Products
Missouri Veteran's Home

Other Social & Economic Factors (cont.)

Percent in Poverty (all ages)

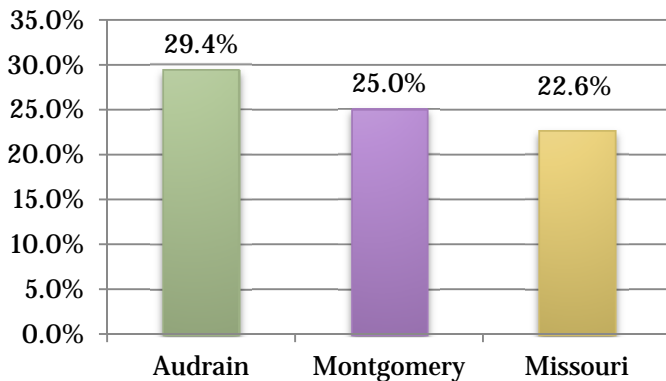
Source: Small Area Income and Poverty Estimates (U.S. Census Bureau), 2012

In 2012, the poverty rate was 20.3% in Audrain & 17.5% in Montgomery, which was higher than the 16.2% rate in Missouri.



Percent of Children in Poverty (0-17)

Source: Small Area Income and Poverty Estimates (U.S. Census Bureau), 2012

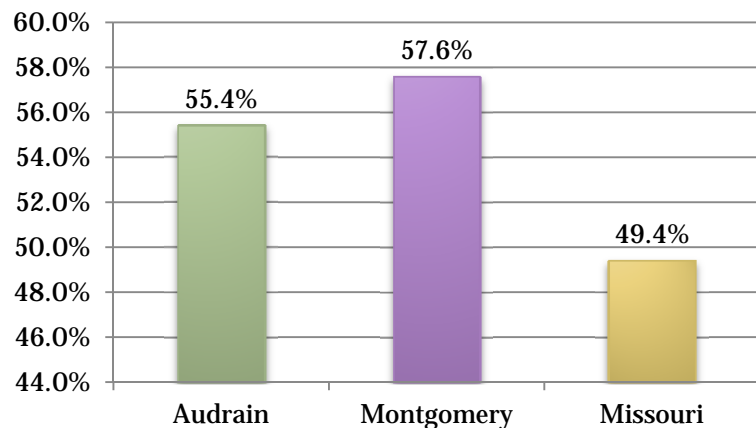


The 2012 poverty rates for children (age 0-17) was higher in Audrain & Montgomery Counties than Missouri rate.

Students Enrolled in Free/Reduced Lunch

Source: Missouri Kids Count, 2012

Based on 2012 data, 55.4% of students in Audrain and 57.6% in Montgomery were enrolled in free/reduced lunch.



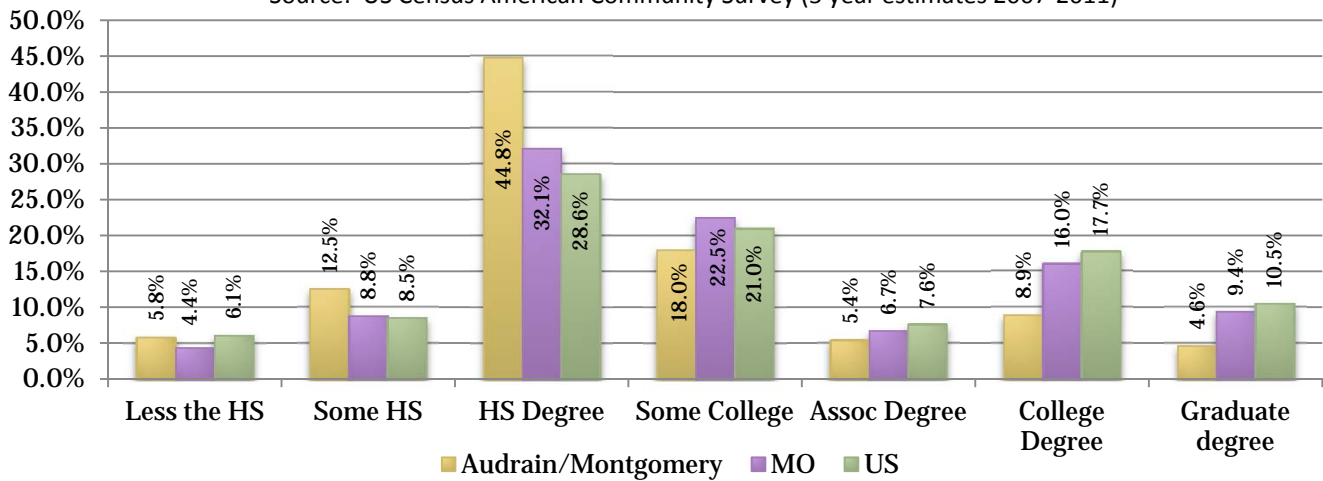
Other Social & Economic Factors (cont.)

Education Level Distribution

Most of the adult population (age 25 and older) in Audrain/Montgomery Counties have a high school degree or higher.

Education Level Distribution

Source: US Census American Community Survey (5 year estimates 2007-2011)

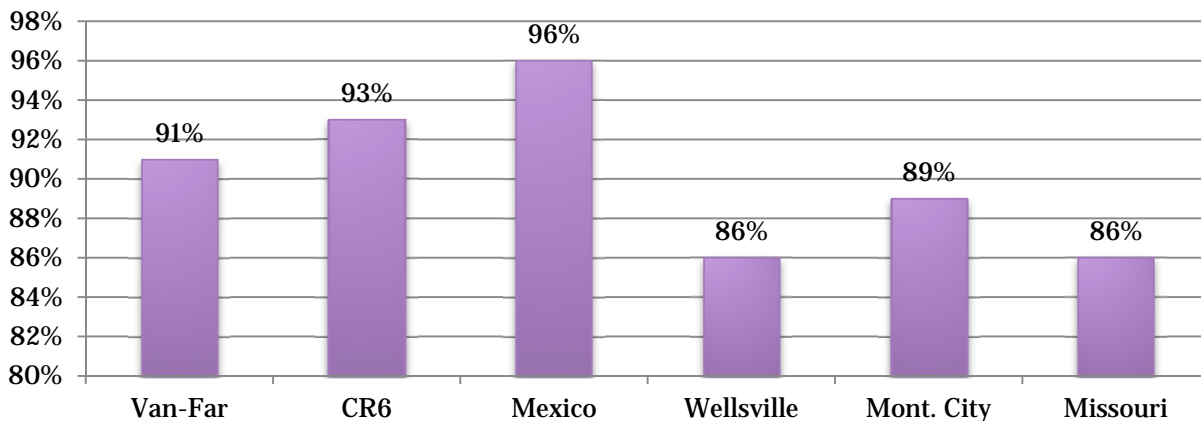


Graduation Rate

There are five school districts located in Audrain & Montgomery Counties. The combined graduation rate for all school districts for 2013 was 91% compared to the Missouri rate of 86%.

2013 Graduation Rate

Source: Public School Review



Other Social & Economic Factors (cont.)

2011 Crime Data

According to the Missouri Statistical Analysis Center, in 2011 there were a total of 520 crimes in Audrain and 226 in Montgomery County.

Compared to Missouri, Audrain & Montgomery Counties had much lower crime rates and violent crime.

Montgomery County had less domestic violence while Audrain had more than Missouri.

Offenses (2011)		
Source: MO Statistical Analysis Center		
	Audrain	Mont.
Violent Offenses	37	18
Property Offenses	483	208
Murder	1	2
Rape	3	1
Robbery	6	1
Aggravated Assault	27	14
Burglary	125	55
Theft	331	136
Motor Vehicle Theft	20	11
Arson	7	6
Total Crime Index	520	226

Audrain/Montgomery Counties & Missouri – Crime Rates (2011)

Source: Missouri Uniform Crime Reporting Program

	Crime Rate	Violent Crime Rate
Audrain County	1.9%	0.14%
Montgomery County	1.8%	0.14%
Missouri	3.7%	0.43%

Audrain/Mont. Counties & MO – Domestic Violence Incidents (2011)

Source: Missouri Uniform Crime Reporting Program

Audrain County	1.2%
Montgomery County	0.4%
Missouri	0.7%

Health Factors – Physical Environment

2012 County Health Rankings – Physical Environment

Audrain county was ranked 93 and Montgomery 77 for Physical Environment Factors, which included Air pollution-particulate matter days (annual number of unhealthy air quality days due to fine particulate matter), Air pollution-ozone days (annual number of unhealthy air quality days due to ozone), Access to recreational facilities (Rate of recreational facilities per 100,000 population, Percent of population who are low-income and do not live close to a grocery store, and Percent of all restaurants that are fast-food establishments.

Physical Environment (Rank: Audrain-93; Montgomery-77)

	Air pollution-particulate matter days	Air pollution-ozone days	Access to recreational facilities	Limited access to healthy foods	Fast food restaurants
Audrain	0	0	8	7%	50%
Montgomery	0	0	8	59%	38%
Missouri	0	7	10	6%	47%
National Benchmark (90 th percentile)	0	0	16	10%	27%

Sources: United States Department of Agriculture (USDA) Food Environment Atlas, 2008; www.countyhealthrankings.org

Other Physical Environment Factors

Audrain/Montgomery Counties – Physical Environment

	Audrain	Montgomery
Grocery stores/1000 pop 2009	0.16	0.52
Fast food restaurants/1000 pop 2009	0.51	-18.38
Low income & > 1 mi to store 2009	6.91	10.49

Source: USDA/ERS Food Environment Atlas, <http://ers.usda.gov/FoodAtlas>

Community Survey

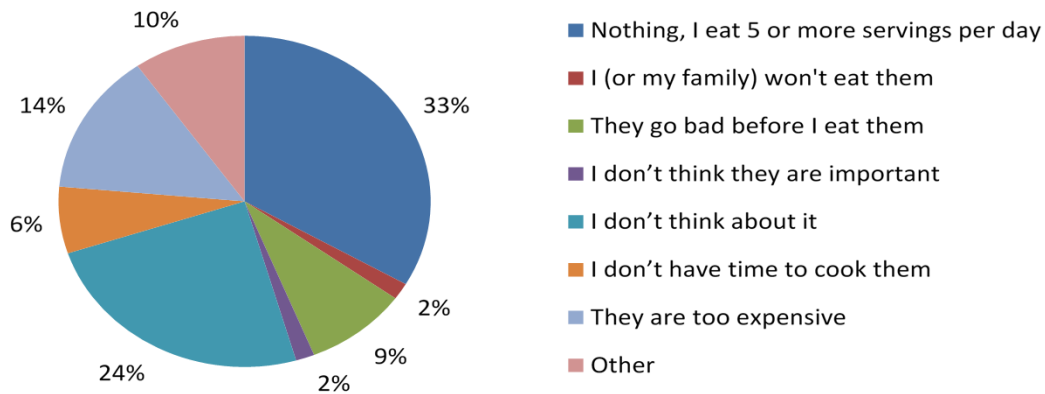
2013 Community Survey Results

In May 2013, a survey tool was developed utilizing assistance from the SSM Health Care Corporate Planning staff through the CHNA Toolkit. A total of 540 surveys were mailed to 540 homes in Audrain and Montgomery Counties with 123 surveys returned.

1. In general, how would you rate your overall health?																					
<table border="1"> <caption>Overall Health Ratings</caption> <thead> <tr> <th>Rating</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Very Good</td> <td>33%</td> </tr> <tr> <td>Good</td> <td>46%</td> </tr> <tr> <td>Fair</td> <td>12%</td> </tr> <tr> <td>Excellent</td> <td>7%</td> </tr> <tr> <td>Poor</td> <td>2%</td> </tr> </tbody> </table>		Rating	Percentage	Very Good	33%	Good	46%	Fair	12%	Excellent	7%	Poor	2%								
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Poor	2%																				
Number of respondents																					
123																					
Number of respondents who skipped this question																					
0																					
2. The recommendation for physical activity is 30 minutes a day 5 days a week (2.5 hours per week). Which of the following reasons prevent you from getting this much physical activity? (all that apply)																					
<table border="1"> <caption>Reasons for Not Getting Enough Physical Activity</caption> <thead> <tr> <th>Reason</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Nothing, I get this much physical activity</td> <td>53%</td> </tr> <tr> <td>I don't have time to exercise</td> <td>16%</td> </tr> <tr> <td>Walking problems</td> <td>9%</td> </tr> <tr> <td>Hypertension/high blood pressure</td> <td>7%</td> </tr> <tr> <td>Back or neck pain</td> <td>4%</td> </tr> <tr> <td>Arthritis</td> <td>4%</td> </tr> <tr> <td>Lung/breathing problems</td> <td>3%</td> </tr> <tr> <td>Bone injury/fracture/joint injury</td> <td>2%</td> </tr> <tr> <td>Other</td> <td>1%</td> </tr> </tbody> </table>		Reason	Percentage	Nothing, I get this much physical activity	53%	I don't have time to exercise	16%	Walking problems	9%	Hypertension/high blood pressure	7%	Back or neck pain	4%	Arthritis	4%	Lung/breathing problems	3%	Bone injury/fracture/joint injury	2%	Other	1%
Reason	Percentage																				
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0																					

2013 Community Survey Results (cont.)

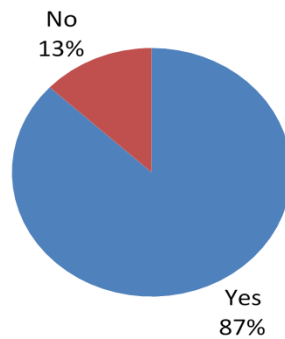
3. One recommendation to maintain a healthy lifestyle is to eat at least 5 servings of fruits and vegetables a day (not French fries or potato chips). Which would you consider the main reason that you do not eat this way.



Number of respondents 123

Number of respondents who skipped this question 0

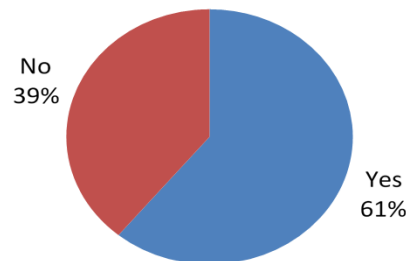
4. Have you visited a doctor (primary care) in the past 12 months?



Number of respondents 123

Number of respondents who skipped this question 0

5. Have you visited a specialist (Ob/Gyn, dermatologist, allergist, etc.) in the past 12 months?

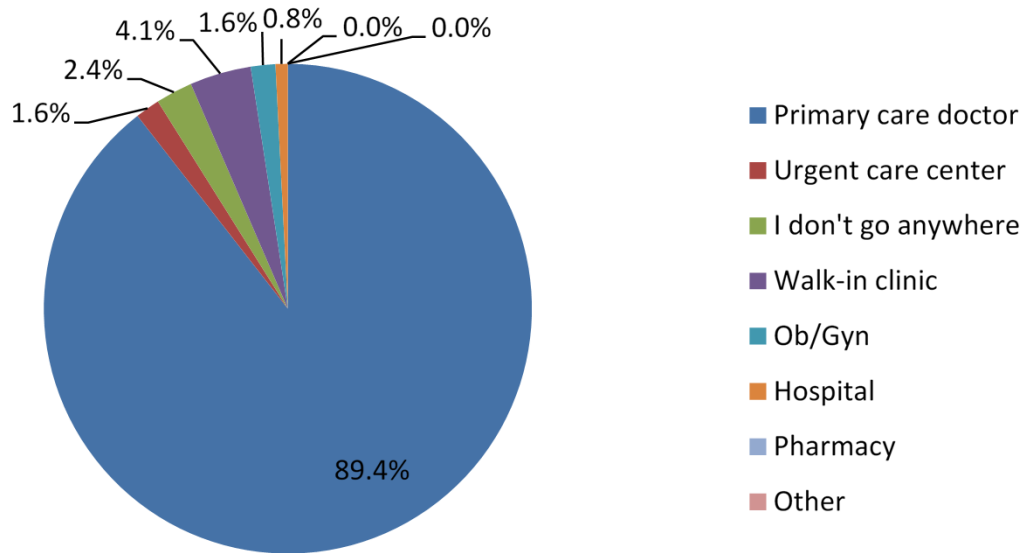


Number of respondents 123

Number of respondents who skipped this question 0

2013 Community Survey Results (cont.)

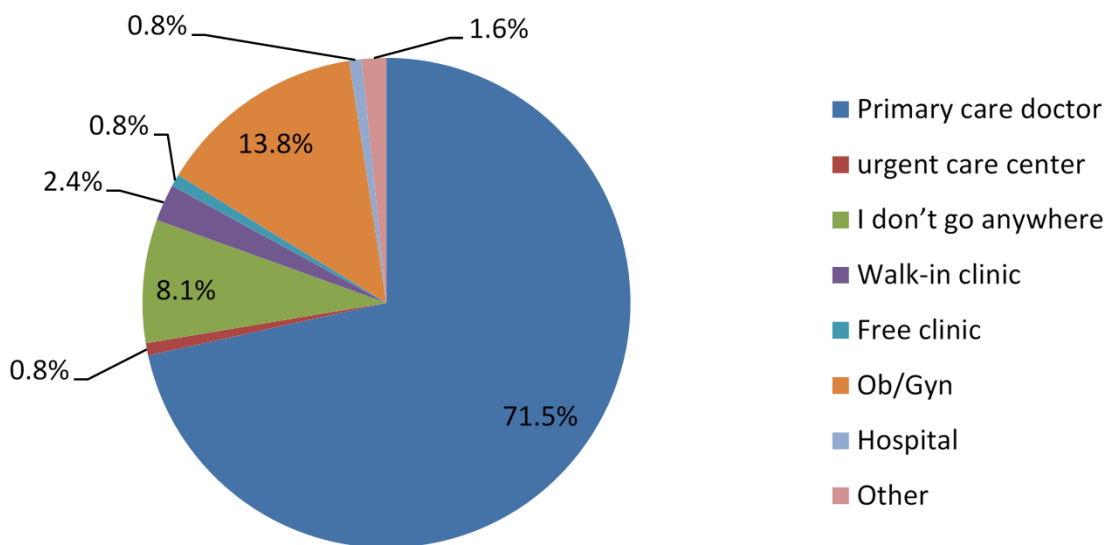
6. Where do you go most often for health care when you are sick?



Number of respondents 123

Number of respondents who skipped this question 0

7. Where do you go when you need your yearly check-up or physical? (all that apply)

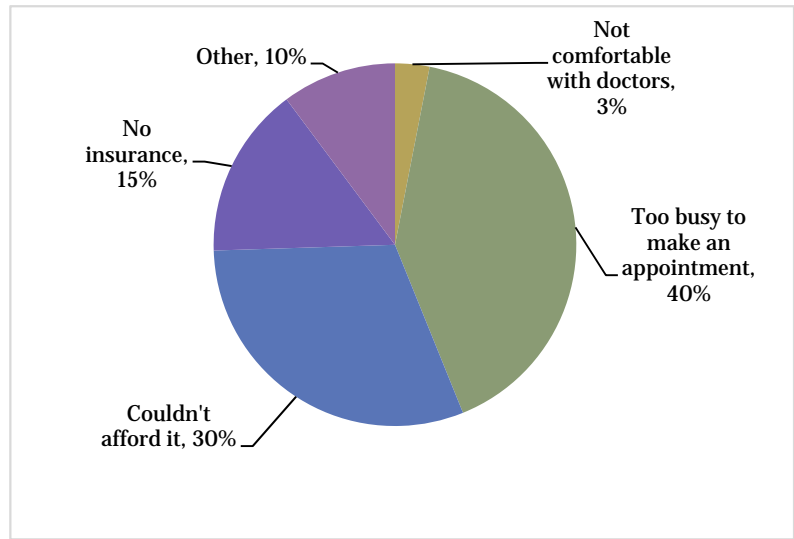
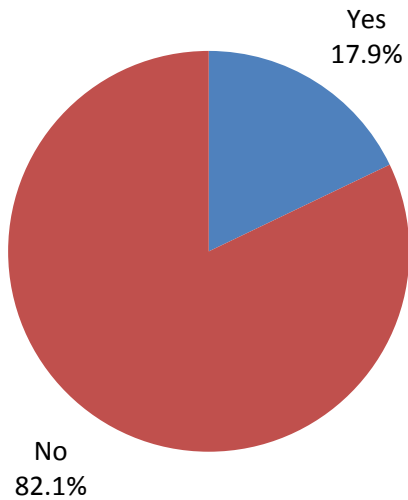


Number of respondents 123

Number of respondents who skipped this question 0

2013 Community Survey Results (cont.)

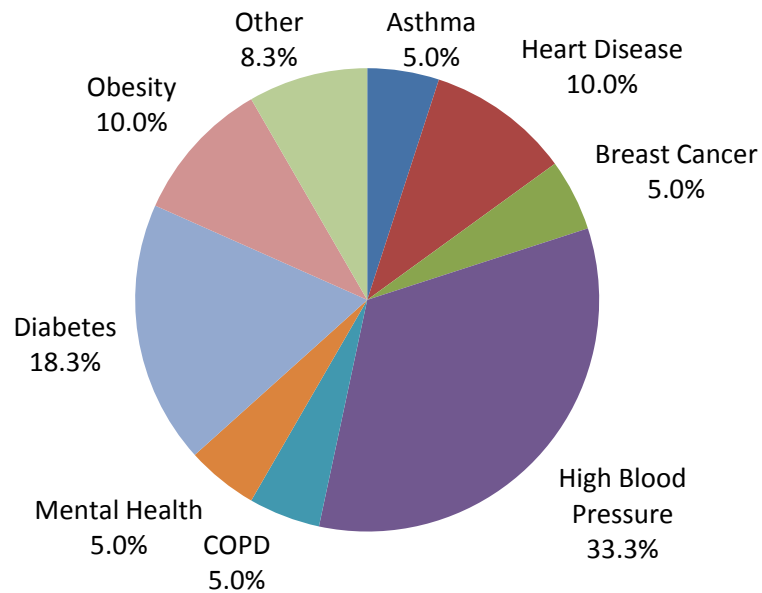
8. Was there a time, in the past 12 months, where you needed to see a doctor, but didn't? If yes, why didn't you see a doctor?



Number of respondents 122

Number of respondents who skipped this question 1

9. Select the diseases, challenges or conditions that you have been diagnosed with by a health care provider.

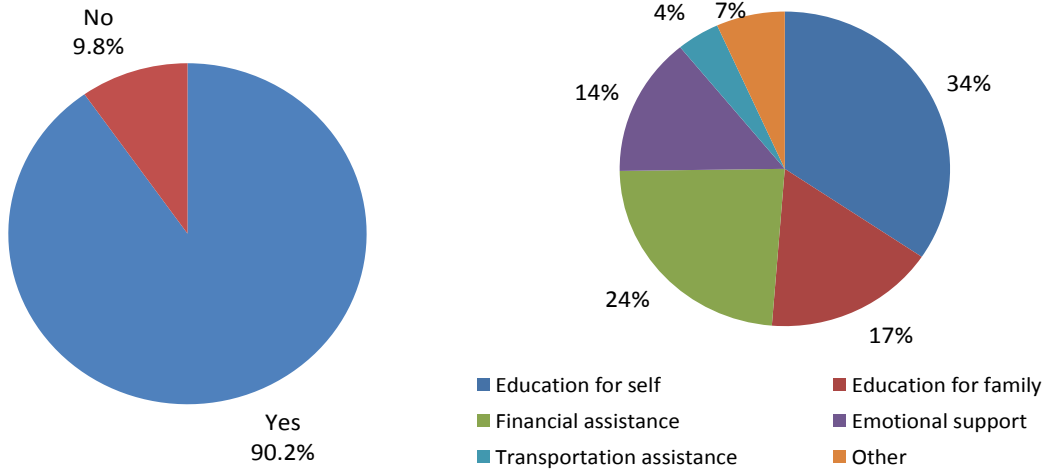


Number of respondents 120

Number of respondents who skipped this question 3

2013 Community Survey Results (cont.)

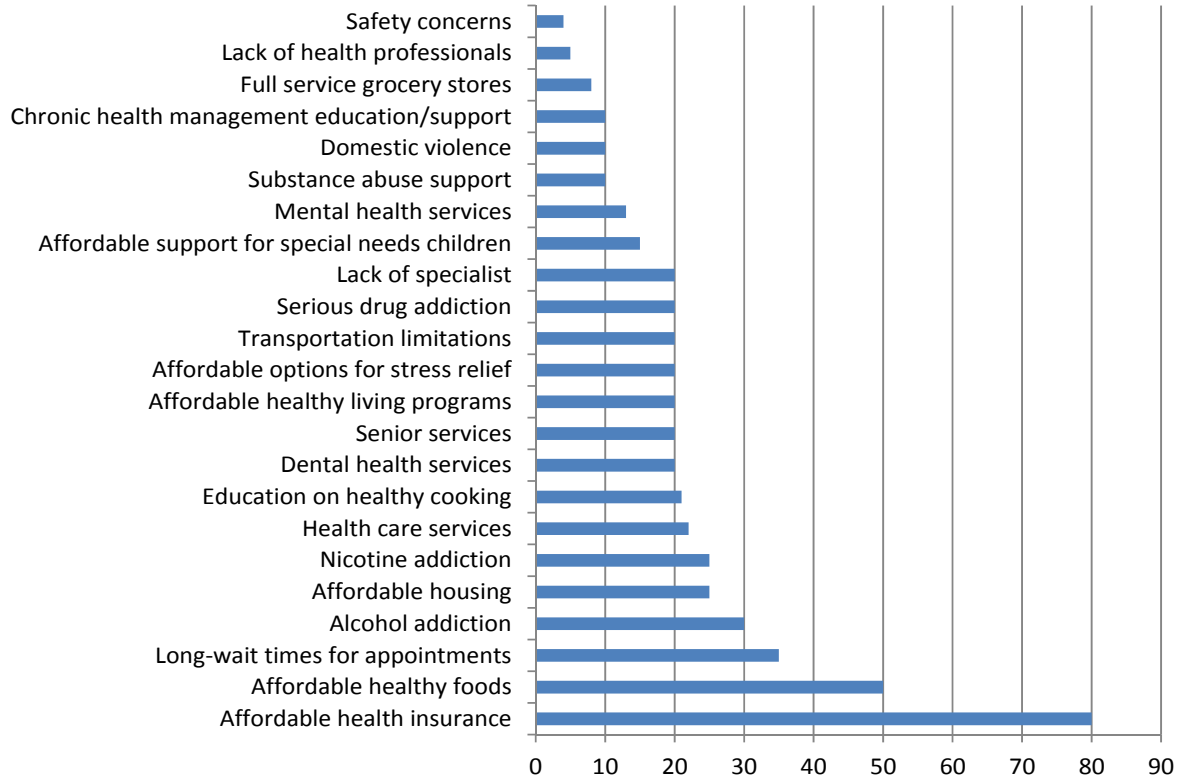
**10. Do you feel that you have what you need to manage these conditions?
What do you feel you need to help you manage these conditions?**



Number of respondents **123**

Number of respondents who skipped this question **0**

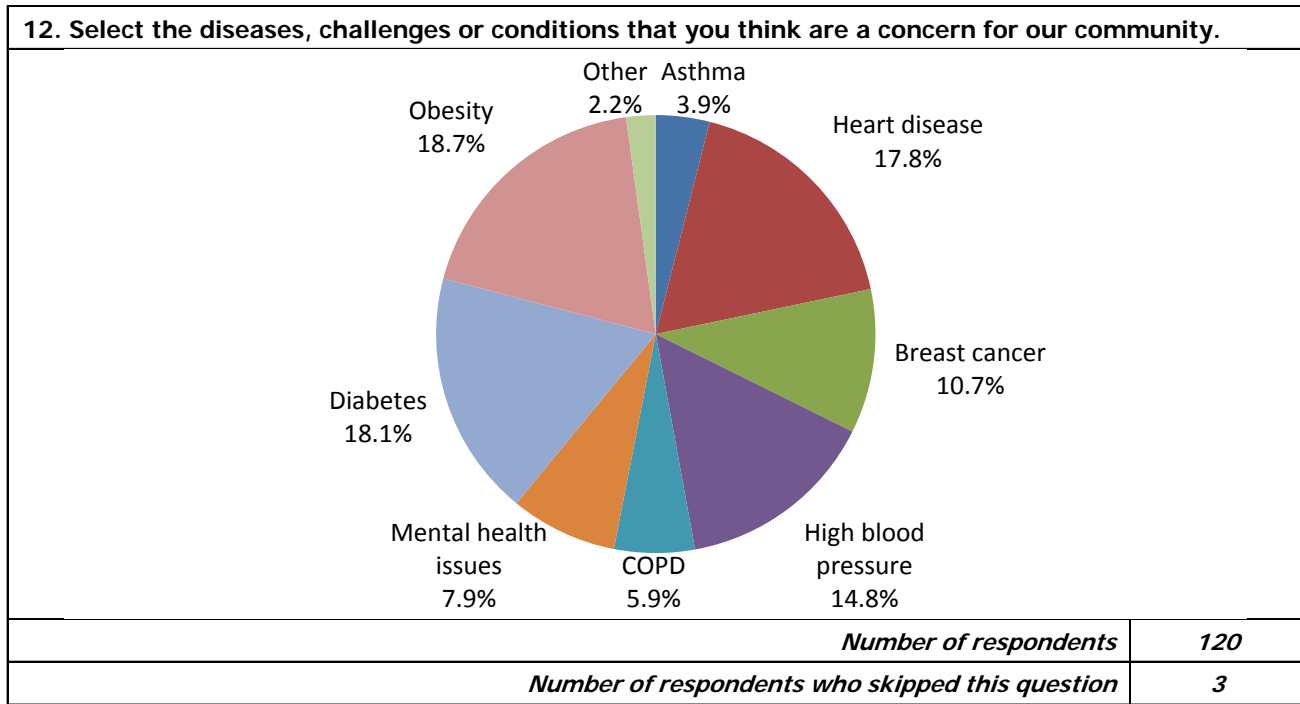
11. Which of the following are the top 5 things that impact health in our community?



Number of respondents **113**

Number of respondents who skipped this question **10**

2013 Community Survey Results (cont.)



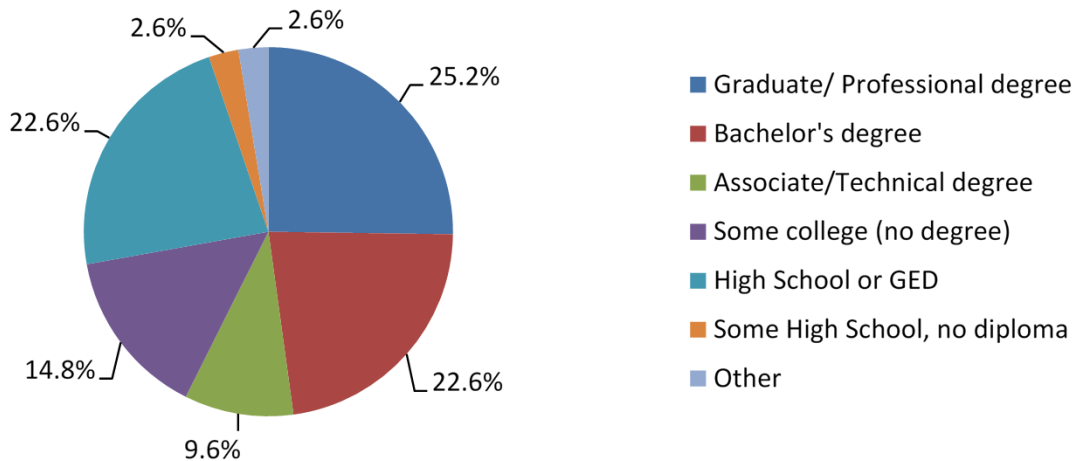
13. What are our major strengths/resources in our community related to health care?

	Totals
Hospital (Audrain Medical Center)	30
Professionals (doctors, nurses, specialists, etc.)	25
YMCA & Walking Trails	15
Health care (friendly, available, etc.)	10
Public/County Health	5
Parks and Recreation	5
Social Service network	4
Arthur Center (mental health)	4
Full service grocery stores	2
Senior Center	1
Personal service in ER and doctor offices for follow up	1
Air evac teams close by	1

2013 Community Survey Results (cont.)

14. What resources could be used differently to improve health care?		Totals
	Expanded access (inc. wait times, urgent care)	15
	Healthy lifestyles education/services	11
	Additional mental health services	7
	Additional specialists	6
	More support for local hospital from physicians	2
	More affordable – better health insurance options	2
	Insurance pay for obesity help	2
	Continuum of care services	2
	Transportation	2
	Additional substance/alcohol abuse resources	2
	Good paying jobs	1
	Health food stores	1
	Free diet/nutrition support	1

15. Highest level of education completed.



Number of respondents **115**

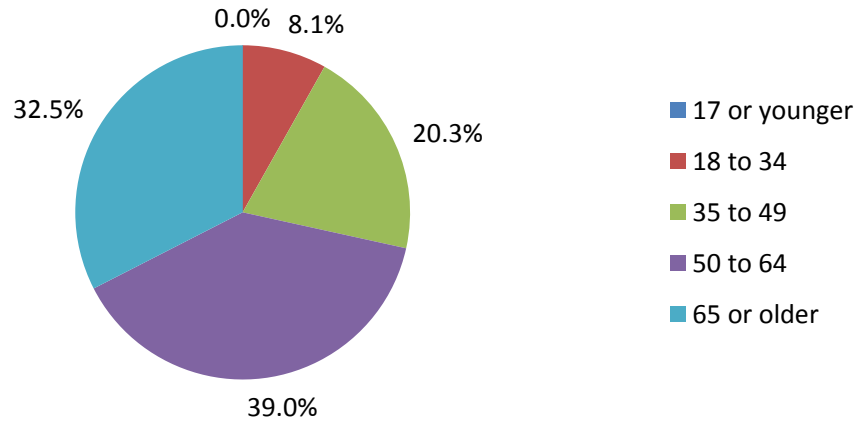
Number of respondents who skipped this question **8**

2013 Community Survey Results (cont.)

16. Option that best describes health insurance provider.															
<p>A pie chart illustrating the distribution of health insurance providers. The largest segment is Medicare at 32.8%, followed by Private Insurance and Employer Provided, both at 24.6%. Other categories include Uninsured (7.4%), Medicaid (6.6%), and Self-pay (4.1%).</p> <table border="1"> <thead> <tr> <th>Insurance Provider</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Medicare</td> <td>32.8%</td> </tr> <tr> <td>Private Insurance</td> <td>24.6%</td> </tr> <tr> <td>Employer Provided</td> <td>24.6%</td> </tr> <tr> <td>Uninsured</td> <td>7.4%</td> </tr> <tr> <td>Medicaid</td> <td>6.6%</td> </tr> <tr> <td>Self-pay</td> <td>4.1%</td> </tr> </tbody> </table>		Insurance Provider	Percentage	Medicare	32.8%	Private Insurance	24.6%	Employer Provided	24.6%	Uninsured	7.4%	Medicaid	6.6%	Self-pay	4.1%
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<i>Number of respondents</i>	122														
<i>Number of respondents who skipped this question</i>	1														
17. Race/Ethnicity															
<p>A pie chart showing the racial and ethnic composition of respondents. The vast majority are White at 93.5%. African American respondents account for 4.9%, and Hispanic or Latino respondents account for 1.6%.</p> <table border="1"> <thead> <tr> <th>Race/Ethnicity</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>93.5%</td> </tr> <tr> <td>African American</td> <td>4.9%</td> </tr> <tr> <td>Hispanic or Latino</td> <td>1.6%</td> </tr> </tbody> </table>		Race/Ethnicity	Percentage	White	93.5%	African American	4.9%	Hispanic or Latino	1.6%						
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<i>Number of respondents who skipped this question</i>	1														
18. Average annual household income															
<p>A pie chart depicting the distribution of average annual household income. The most common bracket is \$25,000 to \$60,000 at 35.3%. Other brackets include \$0 to \$25,000 (26.9%), \$60,000 to \$100,000 (21.0%), and \$100,000 & over (16.8%).</p> <table border="1"> <thead> <tr> <th>Income Bracket</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>\$25,000 to \$60,000</td> <td>35.3%</td> </tr> <tr> <td>\$0 to \$25,000</td> <td>26.9%</td> </tr> <tr> <td>\$60,000 to \$100,000</td> <td>21.0%</td> </tr> <tr> <td>\$100,000 & over</td> <td>16.8%</td> </tr> </tbody> </table>		Income Bracket	Percentage	\$25,000 to \$60,000	35.3%	\$0 to \$25,000	26.9%	\$60,000 to \$100,000	21.0%	\$100,000 & over	16.8%				
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<i>Number of respondents</i>	119														
<i>Number of respondents who skipped this question</i>	4														

2013 Community Survey Results (cont.)

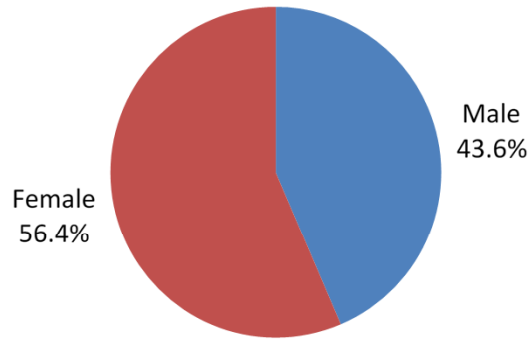
19. Age



Number of respondents **123**

Number of respondents who skipped this question **0**

20. Gender



Number of respondents **123**

Number of respondents who skipped this question **0**

Assessing Community Health Needs

Prioritization of Community Health Needs

Once the secondary data collection was completed, community discussion groups held, and the community surveys were compiled, the group identified the most serious health issues and then ranked them using a prioritization matrix. Each issue was ranked on a scale of 1 (strongly disagree) to 5 (strongly agree) according to:

- Severity: This is a serious health needs/issues within this community.
- Importance to community: Addressing the health needs/issues is very important to this community.
- Impact: Addressing this health needs/issues will improve the quality of life within this community.
- Existing community resources: There are no resources for addressing this health needs/issues within this community.

Once community members created a list of priorities, a team at Audrain Medical Center met to decide which needs would be of focus for planning purposes.

Priority Health Needs

Based on the prioritization exercise, the team determined that access to additional health care specialists/services and heart disease/obesity will be the two areas of emphasis for the coming year.

1. Access to additional health care specialists and services

Low-income, uninsured, underinsured and rural populations continue to face disparities in access to health care resources. Primary care and dental care providers lack capacity for uninsured and Medicaid patients. Capacity shortages exist for high demand specialty care. In some cases, access to care is limited due to a lack of knowledge about existing resources. Improving access to health care by expanding capacity, improving care coordination, and increasing awareness is a top priority.

2. Heart Disease/Obesity Prevention

Obesity is rapidly increasing in the population, contributing to many health problems, most notably heart disease. Heart disease is the leading cause of death in Montgomery County and second cause of death in Audrain. In addition, heart disease is the number one inpatient hospitalization in both counties. A prominent health need is increased public education regarding healthy weight and risk factors for heart disease, increased education of existing resources, along with greater access to screenings and follow-up care.

With the results of this community health needs assessment, local health care providers and other organizations can continue to work collaboratively to develop plans and resources to meet the community's needs.

Local Health Resources Listing

Advantage Counseling
AARP
Arthur Center
Audrain County Health Department
Audrain Medical Center
Bureau of Special Health Care Needs
City Hall
Crisis Intervention Services
Disability Services
Emergency Management
Sheriff's Office
Center for Women's Ministries
Central Missouri Community Action
Children's Therapy and Early Education School
Central Missouri Area Agency on Aging
Experience Works
Family Partnership
Family Counseling Center of Missouri, Inc., Compass Prevention
Headstart
Help Center
Juvenile Office
Literacy Council and GED Program
League of Women Voters
Mexico Area YMCA
Mexico Housing Authority
Missouri Jobs Corp
Missouri Veteran's Home
Montgomery County Health Department
Probation and Parole
Public Schools
Red Cross
Senior Center
Services for Independent Living
University of Missouri Extension Office
United Way

Sources



Sources

Audrain City County Health Unit Community Health Assessment
Bureau of Labor Statistics
County Health Rankings
Families USA, 2011
Health Resources and Services Administration
Missouri County-Level Studies Comparison Analysis
Missouri Economic Research and Information Center
Missouri Department of Economic Development
Missouri Department of Health & Senior Services Vital Stats & MICA
Missouri Hospital Association
Missouri Information for Community Assessment, 2011
Missouri Kids Count
Missouri State Highway Patrol
Missouri Uniform Crime Reporting Program
National Center for Chronic Disease Prevention & Health Promotion
National Vital Statistics System (NVSS)
Public School Review
University of MO Extension
US CDC Fast Facts
US Census American Community Survey
US Census Bureau
US Department of Agriculture
USDA/ERS Food Environment Atlas