



HEALTH
Department

Ascension
Borgess Allegan



Allegan County United Way
and Volunteer Center

ALLEGAN COUNTY COMMUNITY HEALTH SURVEY REPORT

A collaborative effort with Ascension Borgess Allegan Hospital, Allegan County Health Department, and United Way of Ottawa and Allegan Counties.



MAY 2022

Executive Summary:

In a joint effort, the Allegan County Health Department (ACHD), Ascension Borgess Allegan Hospital, and United Way of Allegan County are in the process of completing a Community Health Needs Assessment (CHNA), an ongoing and collaborative health improvement process that through community interaction and participation can help to identify and prioritize health-related needs in the county. Sections 330(k)(2) and 330(k)(3)(J) of the Public Health Service Act require that health centers assess the unmet need for health services in the areas they serve “at least once every three years to inform and improve the delivery of health center services.” Under Michigan Public Health Code (MCL 333.2211), local health departments are responsible for ensuring an assessment process is done every three years. An important piece in a CHNA process is listening to the community about what they see as barriers and advantages so effective improvement planning can take place.

During the assessment process, this collaborative group developed a Community Health Survey (CHS). The goal of the CHS was to gather the perceptions, thoughts, opinions, and concerns of the community regarding health outcomes, health behaviors, social determinants of health, and clinical care for Allegan County. This survey provided an opportunity for the community’s voice to become known so community agencies can best plan to meet the needs and desires of our community.

631 individuals participated in the survey, held between January 2022 and March 2022. The survey contained 38 questions and was distributed to Allegan County residents by both paper and electronic survey distribution methods. While 0.5% of the Allegan County population participated in the survey, the data collected provides a starting point on the multitude of areas that can use improvement or a closer look in our county. The limitations to the data include sample size and representation of the county, as well as income and age distribution. This is important to note when reviewing and using it for community planning.

From this data, the ACHD, Ascension Borgess Allegan, United Way of Allegan County, and community stakeholders will identify areas of improvement and create plans to achieve these newfound goals. The data in this report will be used in the Allegan County CHNA report, which will be published in June 2022. The CHNA report will show what areas of improvement the community plans to focus on.

Further questions regarding the CHS report can be made through an [inquiry form](#) sent to the ACHD.

Background/Introduction:

A CHS is a way to collect information from the community member’s point of view. With their point of view in mind, community agencies can identify priority issues across the county, have a better understanding of the barriers and advantages of our community, and establish accountability across our partners to ensure measurable health improvement. ACHD had not previously conducted a CHS in past years. In the 2019 Allegan County Community Health Improvement Plan (CHIP), the Healthy Allegan County Coalition (HACC) identified implementing a community health survey as an action step to further understand the barriers, perceptions, thoughts, opinions, and concerns of community members that prevented healthy lifestyle choices and access to health care. This knowledge will be important as the community builds potential strategies for action in a Community Health Improvement Plan (CHIP). The community voice provides a sense of accountability and ownership as barriers are addressed. Due to the COVID-19 pandemic, action around this step was delayed until 2022. In addition, many individuals were impacted by the COVID-19 pandemic, which will influence prioritized needs in the CHNA.

Development

The ACHD, Ascension Borgess Allegan, and United Way of Allegan County began working together in August 2021 to align resources and gather primary community data. The group started researching validated questions from sources such as the World Health Organization, the National and Michigan Behavioral Risk Factor Surveillance System, and United Way of Ottawa County’s Assessment tools. From September through November 2021, multiple meetings took place with community partners to solidify the questions and the purpose behind them. The Allegan County Multi-Agency Collaborative Council (MACC) provided feedback on survey questions in November 2021. The collaborative group consisting of Ascension Borgess Allegan Hospital, Allegan County United Way, and ACHD met on an ongoing basis to finalize the survey tool. Thirty-eight questions were finalized for the survey. Questions were developed in part by looking at topic areas from the [2019 Allegan County CHIP](#). Some questions from the CHIP were brought over to be included in the final survey, questions covered all areas broader areas of health including health factors, community health, and access to healthcare, Other more direct health questions were removed to keep the survey broad and better assess the community as a whole

All questions were multiple-choice, with some questions having the ability to write in statements to better assess community members’ perceptions, thoughts, opinions,

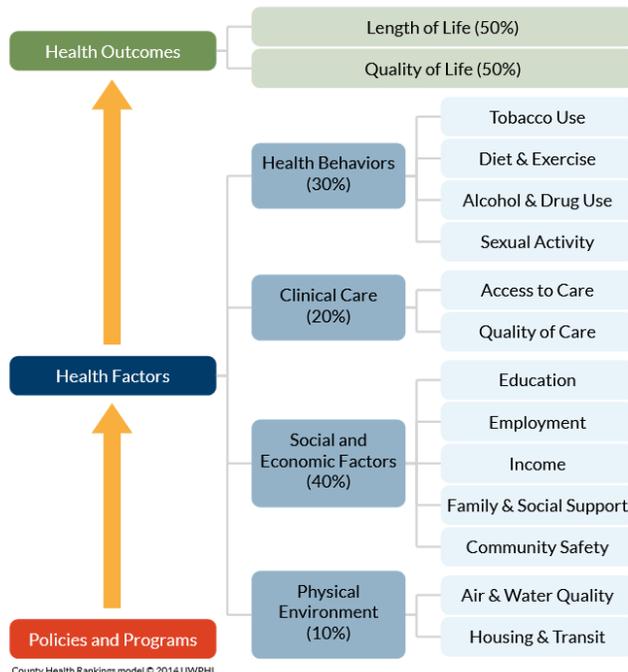


Figure 1 County Health Rankings Model

and concerns. The survey and questions were uploaded into Qualtrics—an online survey tool and translated into Spanish, French, Vietnamese, and Burmese. Survey questions covered:

- Demographics
- General Community Questions
- General Health Questions
- Access to Health Care
- Social Determinants of Health (ability to live a healthy life)
- COVID-19 impacts related to health

Distribution Methods:

Promotion of the survey was done through Multi-Agency Collaboration Council (MACC) partnerships, the ACHD website as a widget on the health department main page, two joint press releases, sections posted in the ACHD monthly community newsletter, and social media paid advertising posts on Facebook and Twitter. A communication toolkit was developed and shared with MACC partners to post/promote on their social media platforms.

The survey opened in January 2022 and closed on March 25, 2022. The CHS resulted in 631 total responses, with not all participants answering each question. No paper copies were turned into ACHD for data input.

Next Steps:

The Health Needs Survey was completed by the ACHD in collaboration with partners Ascension Borgess, Allegan Hospital, and Allegan County United Way as one of the first steps in the CHNA process. ACHD and partners presented the high-level survey data at the Multi-Agency Collaborative (MACC) meeting on March 4, 2022. ACHD and partners were next involved in the CHNA Data Deep Dive and Prioritization Meeting hosted by MACC on March 23, 2022. This was the next step in the CHNA report process, and now ACHD is working to finalize data and help finish the CHNA report. The full report will be finalized by June 30, 2022. This data and report will help community partners identify and prioritize current health needs in the Allegan County Community.

Limitations:

This survey was used to collect our community members' feedback around health and the social determinates of health that influence health outcomes and accessibility in the county. The first limitation was the sample size, we collected 631 total responses, with a population estimate of 120,950 as of July 2021 (U.S. Census Bureau, 2021), thus reaching approximately 0.5% of Allegan's population. Of those who completed the survey, 30.5% of the residents lived in the 49010 zip code. The second most living in 49408, with 11.88%, and no other zip code had more than 10% of the respondent distribution. As for demographics, 74% of respondents were female, whereas the U.S. Census Bureau estimated that Allegan County was at 50.0% female persons. Another limitation was age distribution as we found that 46.8% of respondents were in the age groups 55-64, and 65+, with just 12.4% of respondents in our two

youngest categories 18-24, and 25-34. Income had respondents in each income bracket, however, we had the most responses (64) stating they were in the \$100,000 or more bracket (17.2%) and the more than \$150,000 (37) bracket tied for second-most amount of responses (9.95%). The median household income for Allegan County as of 2021 was \$66,600 (County Health Rankings, 2021), with the survey median response being in the \$60,000-\$69,000 bracket. With bracketed incomes, there is no way to see the exact mean or median income per the survey. The survey showed that the majority of those who responded had achieved their associate's degree or higher (68.87%), with the two largest responses having received a bachelor's degree (29.41%) and having received a master's degree (22.30%). Another limitation was that 88.8% of respondents owned their current residence. Allegan County has a homeownership rate of 83% (County Health Rankings, 2021) so this does not accurately represent those renting or living with others.

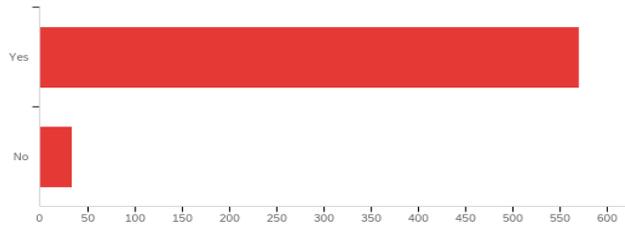
The survey completed shows a bias towards an older demographic. Of the respondents, 49.47% reported a higher household income (\$70,000-\$79,999 bracket or higher) than the \$66,600 that is the county average showing a trend of higher-earning households than the county average. The responses also showed a representation of those who have received more higher education than the standard resident of Allegan County has. County Health Rankings 2022 report showed that Allegan County had 59% of its residents received at least some college, while 85.54% of survey respondents had at least some college. The data also showed a high rate of those who currently own homes, which does not fully represent the community. These factors, individually, or combined, could lead to reporting that does not show the average county resident and their thoughts on healthcare in the county. Through further examination of the results and the potential for follow-up and expansion surveys, it would be possible to create a more representative outlook of our community.

Results

The CHS was created to gather perceptions, thoughts, opinions, and concerns of the community regarding health outcomes, health behaviors, social determinates of health, and the clinical care for Allegan County. In doing so, the CHS has provided the ACHD, along with our partners a better look into our residents' view of our community as a whole, the areas of needed improvement, along with our areas of strength. Below are the results of the 38 questions surveyed to our county with their responses. These Responses will be used by the ACHD, Ascension Borgess Allegan Hospital, and United Way of Allegan County to finish our CHNA report and work to continually improve our county.

Health Needs Survey Responses:

1. Are you an Allegan County resident?



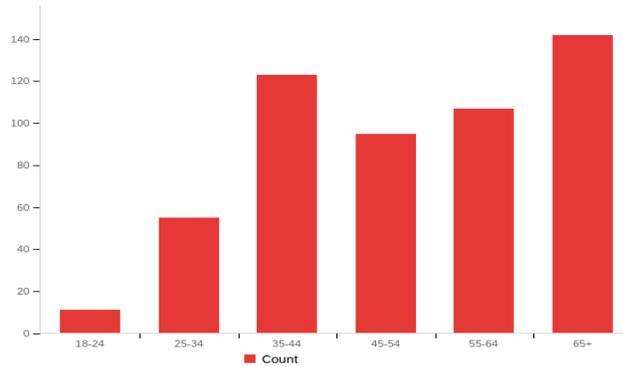
Answer	%	Count
Yes	94.38%	571
No	5.62%	34
Total	100%	605

2. What is your zip code?



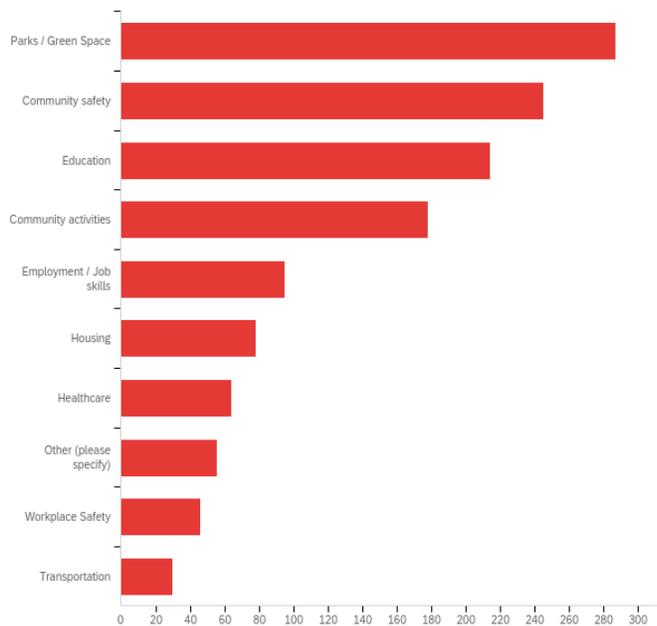
Answer	%	Count
49450	2.30%	13
49408	7.09%	40
49406	1.42%	8
49453	4.08%	23
49070	3.19%	18
49328	3.90%	22
49419	4.08%	23
49026	0.18%	1
49055	0.35%	2
49056	0.18%	1
49333	0.00%	0
49464	0.00%	0
49426	0.00%	0
49080	11.88%	67
49078	6.74%	38
49344	1.95%	11
49348	4.61%	26
49316	0.35%	2
49315	0.35%	2
49323	6.38%	36
49010	30.50%	172
49090	2.84%	16
49423	5.32%	30
49311	0.00%	0
Other (please specify)	2.30%	13
Total	100%	564

3. What is your age?



Answer	%	Count
18-24	2.06%	11
25-34	10.32%	55
35-44	23.08%	123
45-54	17.82%	95
55-64	20.08%	107
65+	26.64%	142
Total	100%	533

4. Please select the top three strengths of your community.



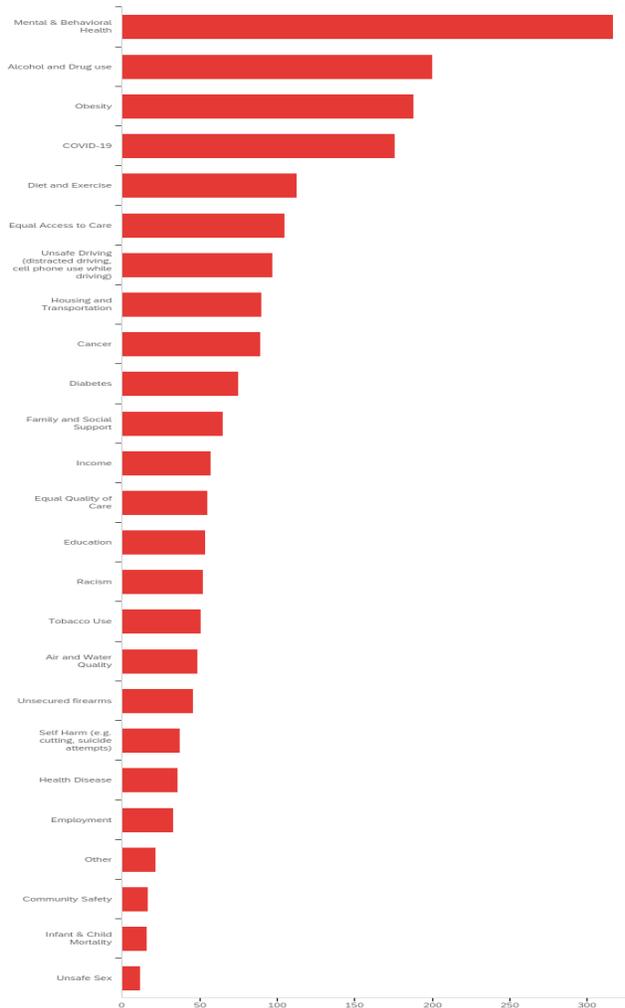
Answer	%	Count
Education	16.55%	214
Employment / Job skills	7.35%	95
Healthcare	4.95%	64
Housing	6.03%	78
Parks / Green Space	22.20%	287
Community safety	18.95%	245
Community activities	13.77%	178
Transportation	2.32%	30
Workplace Safety	3.56%	46
Other (please specify)	4.33%	56
Total	100%	1293

Most common “Other” responses:

- 7: Participants did not believe there were any strengths in the community.
- 4: Participants found that the number of places of worship as a strength

5. In your opinion, which of the following are the greatest health concerns for your community?

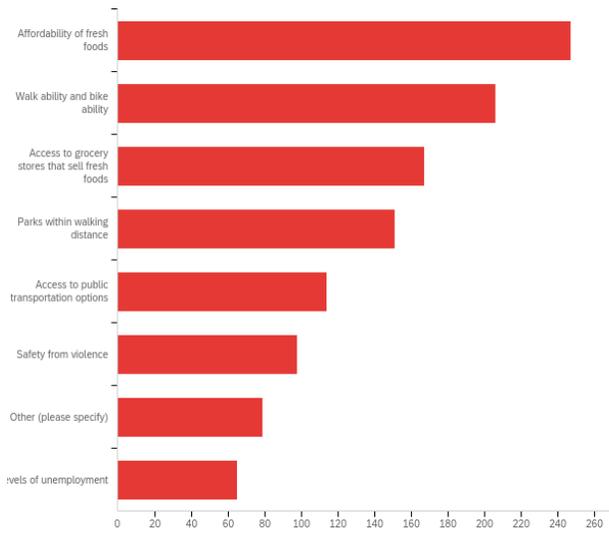
Select up to 5.



Answer	%	Count
Infant & Child Mortality	0.78%	16
Mental & Behavioral Health	15.45%	317
Cancer	4.34%	89
Diabetes	3.65%	75
Health Disease	1.75%	36
Obesity	9.16%	188
COVID-19	8.58%	176
Tobacco Use	2.49%	51
Diet and Exercise	5.51%	113
Alcohol and Drug use	9.75%	200
Unsafe Sex	0.58%	12
Equal Access to Care	5.12%	105
Equal Quality of Care	2.68%	55
Education	2.63%	54
Employment	1.61%	33
Income	2.78%	57
Family and Social Support	3.17%	65
Community Safety	0.83%	17
Air and Water Quality	2.39%	49
Housing and Transportation	4.39%	90
Racism	2.53%	52
Self Harm (e.g. cutting, suicide attempts)	1.80%	37
Unsafe Driving (distracted driving, cell phone use while driving)	4.73%	97
Unsecured firearms	2.24%	46
Other	1.07%	22
Total	100%	2052

Other: No consistent responses.

6. What are the top 3 factors that impact the health and wellness of you and your household?

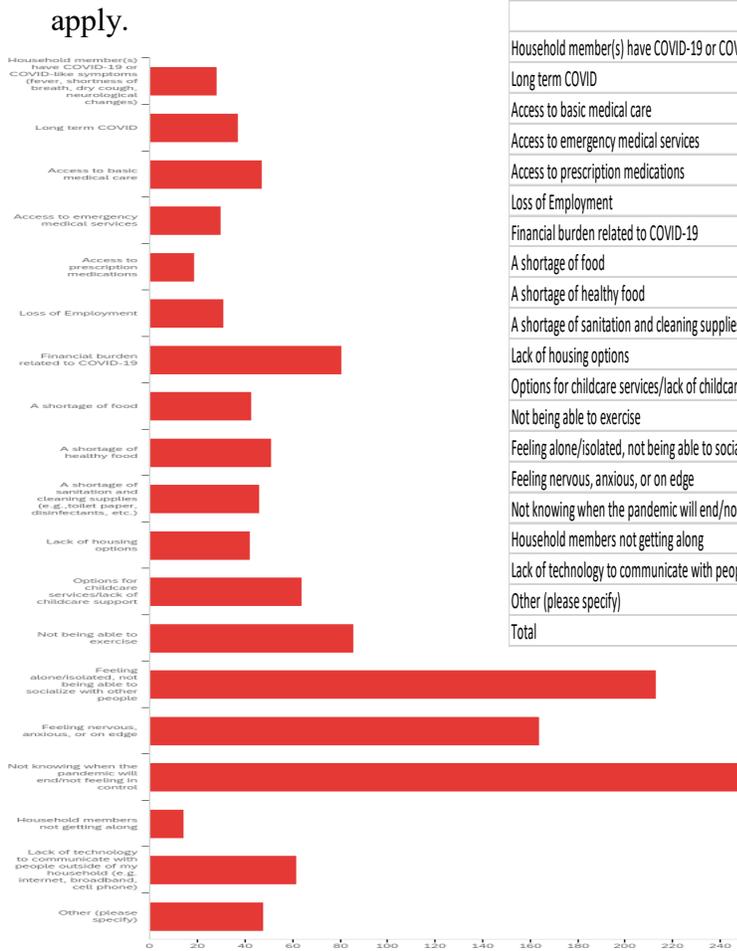


Answer	%	Count
Walk ability and bike ability	18.28%	206
Safety from violence	8.70%	98
Parks within walking distance	13.40%	151
Other (please specify)	7.01%	79
Levels of unemployment	5.77%	65
Affordability of fresh foods	21.92%	247
Access to public transportation options	10.12%	114
Access to grocery stores that sell fresh foods	14.82%	167
Total	100%	1127

Most consistent “other” responses:

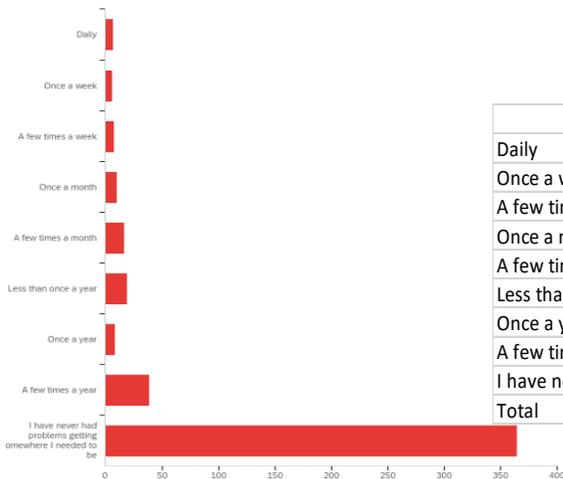
- 8: COVID-19 responses: Primarily negative responses regarding the vaccine or mandates.
- 19: Responses regarding lack of primary, mental, and specialty care within the community, lack of insurance, a growing incompetence of health professionals, and concern of health education and information
- 5: Responses regarding distrust in health department for false information and believing they know what is best for the community, concern for overreach from local, state, and federal governments that believe they know better than the community

7. What are the biggest challenges in your household as a result of the pandemic? Select all that apply.



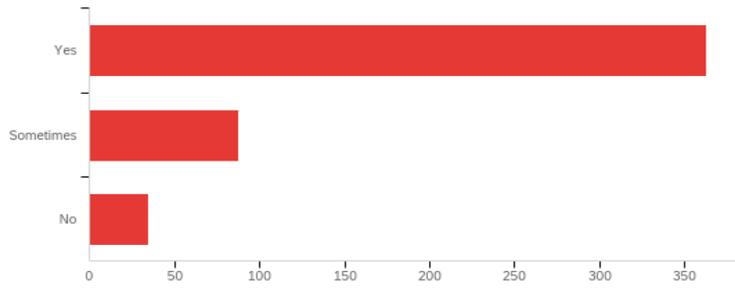
Answer	%	Count
Household member(s) have COVID-19 or COVID-like symptoms (fever, shortness of breath, dry cough, neurological changes)	2.07%	28
Long term COVID	2.73%	37
Access to basic medical care	3.47%	47
Access to emergency medical services	2.21%	30
Access to prescription medications	1.40%	19
Loss of Employment	2.29%	31
Financial burden related to COVID-19	5.98%	81
A shortage of food	3.17%	43
A shortage of healthy food	3.76%	51
A shortage of sanitation and cleaning supplies (e.g., toilet paper, disinfectants, etc.)	3.39%	46
Lack of housing options	3.10%	42
Options for childcare services/lack of childcare support	4.72%	64
Not being able to exercise	6.35%	86
Feeling alone/isolated, not being able to socialize with other people	15.72%	213
Feeling nervous, anxious, or on edge	12.10%	164
Not knowing when the pandemic will end/not feeling in control	18.38%	249
Household members not getting along	1.03%	14
Lack of technology to communicate with people outside of my household (e.g. internet, broadband, cell phone)	4.58%	62
Other (please specify)	3.54%	48
Total	100%	1355

8. In the past year, how often have transportation issues prevented you from getting somewhere you needed to be?



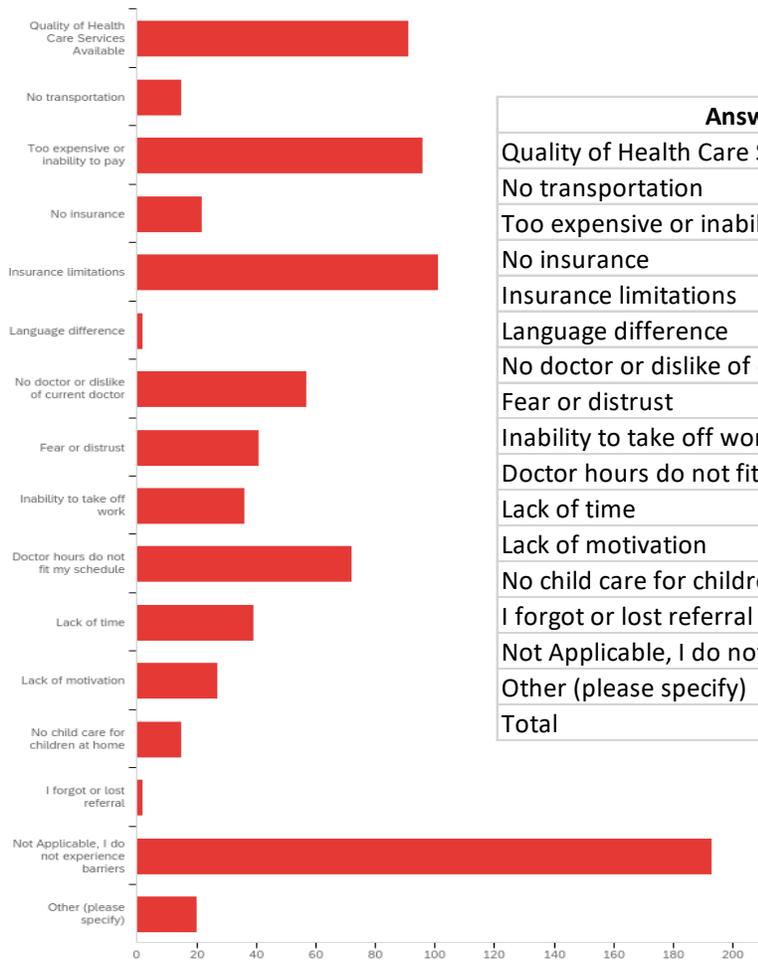
Answer	%	Count
Daily	1.46%	7
Once a week	1.25%	6
A few times a week	1.67%	8
Once a month	2.08%	10
A few times a month	3.54%	17
Less than once a year	3.96%	19
Once a year	1.88%	9
A few times a year	8.13%	39
I have never had problems getting somewhere I needed to be	76.04%	365
Total	100%	480

9. Do you have reliable Internet access in your home?



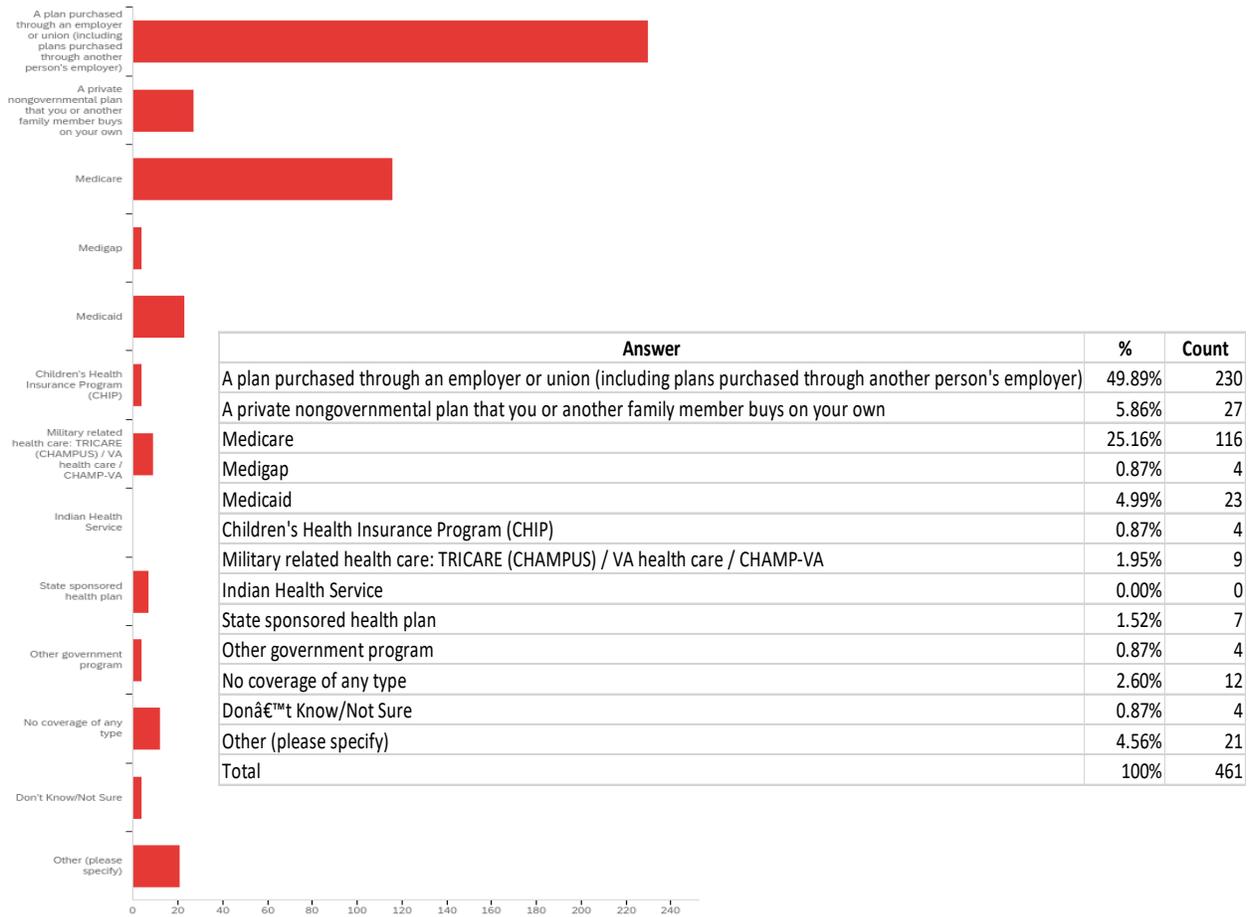
Answer	%	Count
Yes	74.69%	363
Sometimes	18.11%	88
No	7.20%	35
Total	100%	486

10. For you and your household, what are your top three barriers to accessing healthcare?

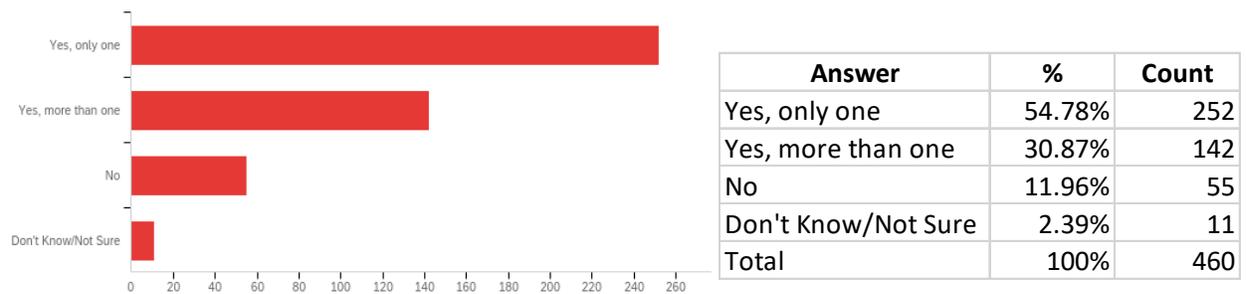


Answer	%	Count
Quality of Health Care Services Available	10.98%	91
No transportation	1.81%	15
Too expensive or inability to pay	11.58%	96
No insurance	2.65%	22
Insurance limitations	12.18%	101
Language difference	0.24%	2
No doctor or dislike of current doctor	6.88%	57
Fear or distrust	4.95%	41
Inability to take off work	4.34%	36
Doctor hours do not fit my schedule	8.69%	72
Lack of time	4.70%	39
Lack of motivation	3.26%	27
No child care for children at home	1.81%	15
I forgot or lost referral	0.24%	2
Not Applicable, I do not experience barriers	23.28%	193
Other (please specify)	2.41%	20
Total	100%	829

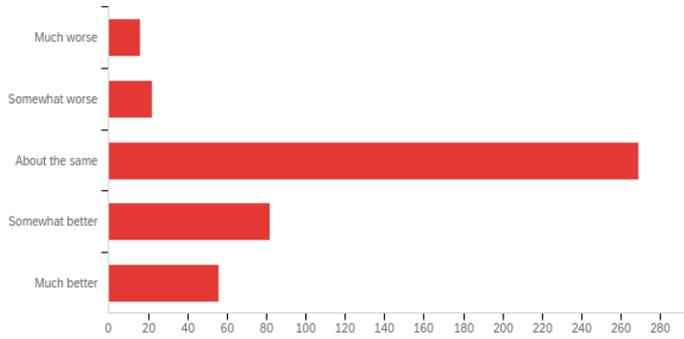
11. What is the current primary source of your health care coverage, including health insurance, prepaid plans such as HMO's, or government plans such as Medicare, or Indian Health Service?



12. Do you have one person you think of as your personal doctor or health care provider?

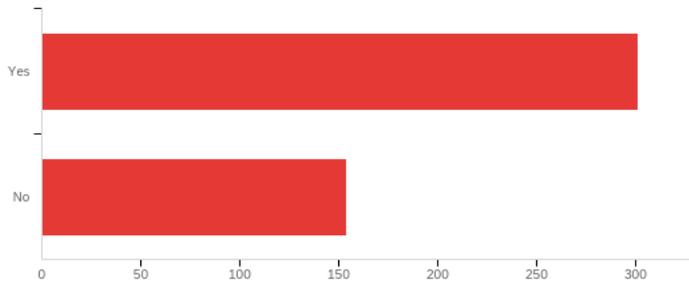


13. Within the past 12 months, when seeking health care do you feel your experiences were worse than, the same as, or better than people of other races?



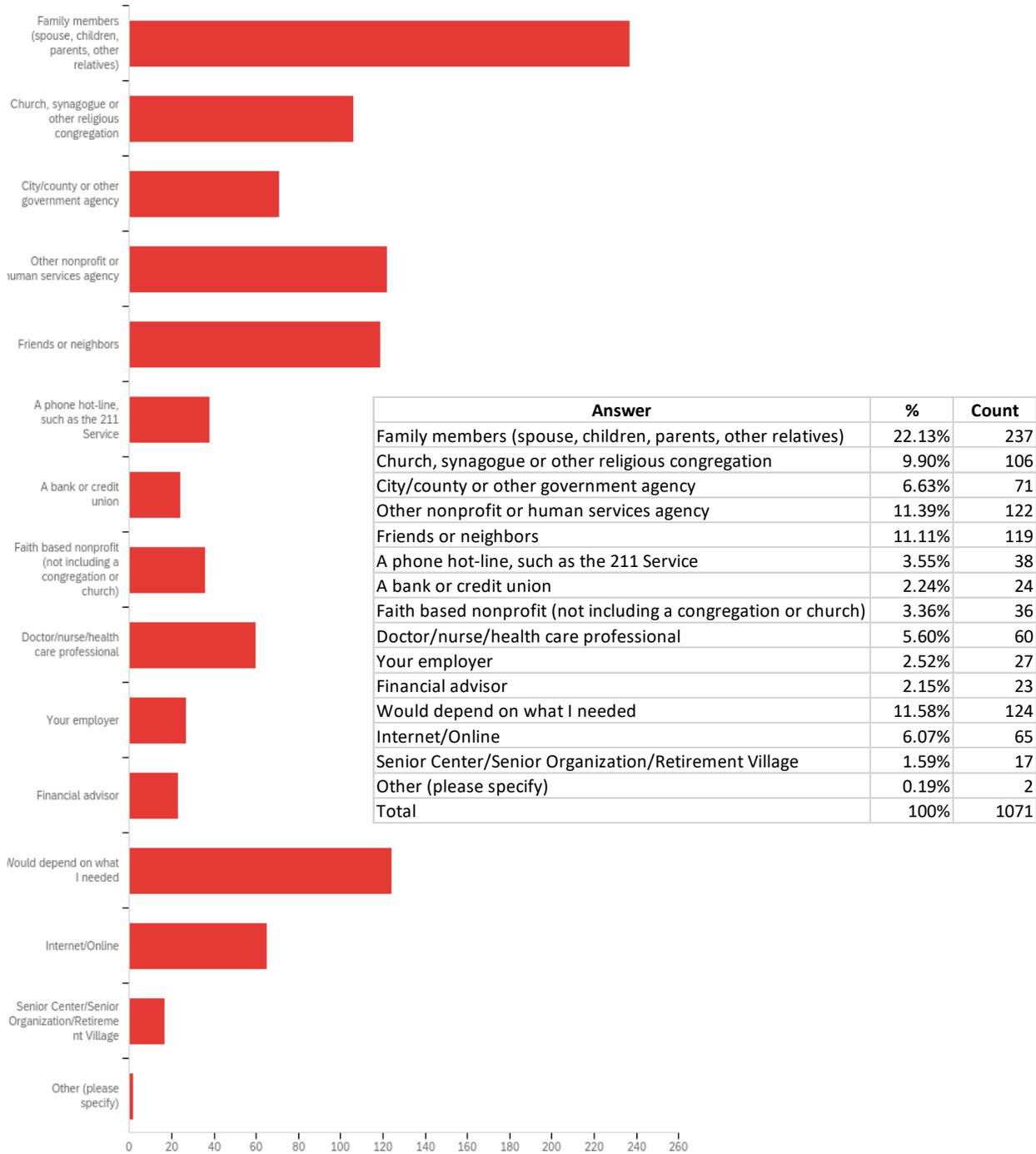
Answer	%	Count
Much worse	3.60%	16
Somewhat worse	4.94%	22
About the same	60.45%	269
Somewhat better	18.43%	82
Much better	12.58%	56
Total	100%	445

14. If you needed some extra help meeting your basic needs, would you know where to go to get help?

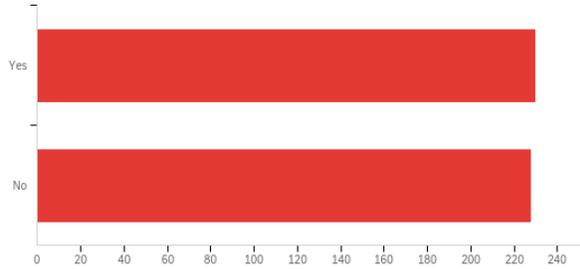


Answer	%	Count
Yes	66.15%	301
No	33.85%	154
Total	100%	455

14a. If answered yes, where or to whom would you turn for help? (Select all that apply)



15. Have you ever delayed getting care or annual physical screenings because of the pandemic?

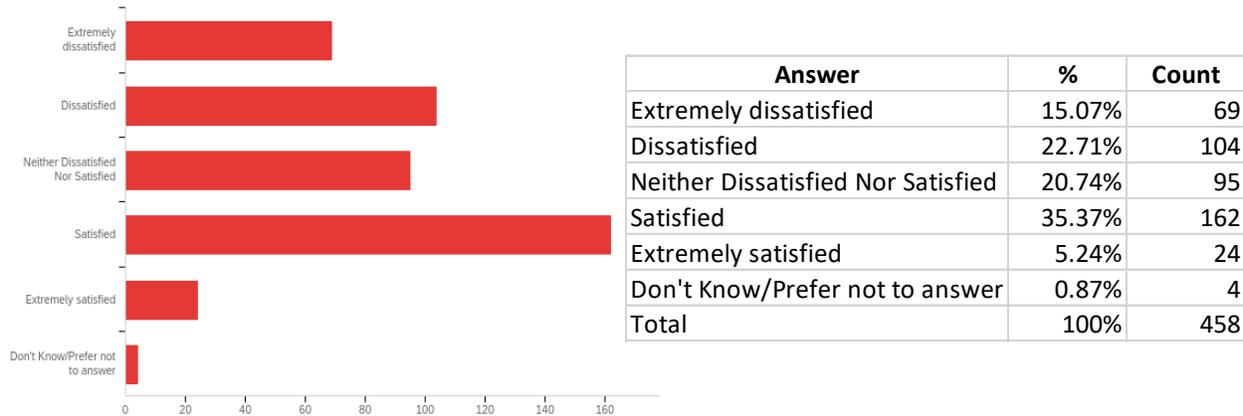


Answer	%	Count
Yes	50.22%	230
No	49.78%	228
Total	100%	458

15a. If yes, please explain.

- 50 Responses: A fear of COVID or refusing to abide to mandates and policies. Patient has COVID and did not go to appointment and/or doctors canceled appointments due to COVID closures
- 50 Responses: Due to COVID, appointments were delayed or rescheduled and patients had to wait extended periods for a new appointment. Since the offices were struggling, it was difficult to book an appointment.
- 10 Responses: Either the patient believed their appointment was not important enough to take away from COVID patients. The medical offices deemed the appointment unimportant, all elective surgeries were delayed due to low priority

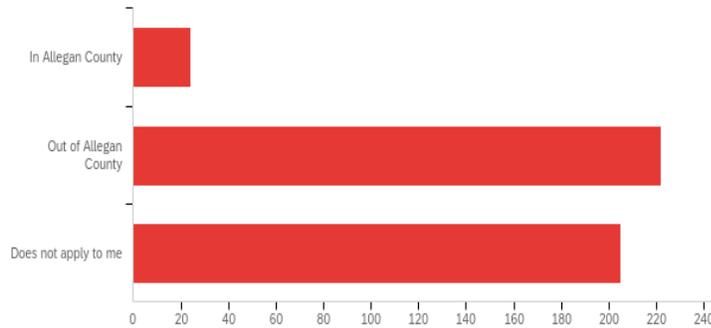
16. How satisfied are you with the healthcare system overall?



16a. If answered extremely dissatisfied or dissatisfied please state why.

- 53 responses: Many responses regarding insurance costs and cost of care. Many respondents believed that insurance is too expensive, cost of care is high, and the health system favors money and “big pharma” over actual patients and their needs.
- 32 responses: Regarding a lack of providers or ineffective providers, as they do not care about patients or their medical needs.
- 13 responses: Regarding a distrust in the healthcare system overall. Patients believe since providers favor money or quality of care, they do not want to be seen by “corrupt doctors”. There is also a distrust in those that push or "force" COVID mask mandates and vaccines on people. Distrust also stems from the fact that providers and the health departments believe they know what is best for everyone in terms of health.

17. If you’ve ever been pregnant, or know someone who has been pregnant, where do you/they go for prenatal services?



Answer	%	Count
In Allegan County	5.32%	24
Out of Allegan County	49.22%	222
Does not apply to me	45.45%	205
Total	100%	451

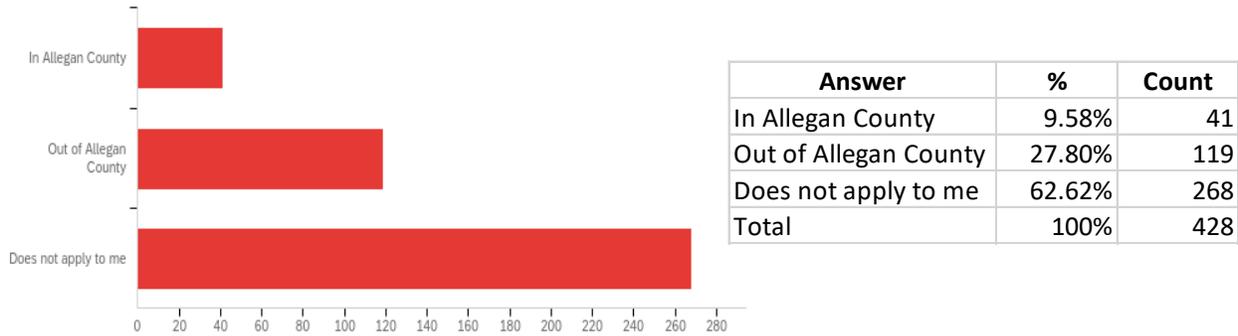
17a. Where do you go for prenatal and perinatal services in Allegan County? Please list all services used.

- Responses for in Allegan County included: Allegan General Hospital, Holland Hospital, St. Joe Memorial, Allegan and Plainwell Offices, Borgess Women’s Health in Plainwell, and Allegan Medical Clinic.

17b. Where do you go for prenatal and perinatal services out of Allegan County? Please list all services used and the cities they are in.

- Responses included: The majority of respondents stated they went to either Kalamazoo or Holland for their prenatal and perinatal services. Third most common was Zeeland for services.

18. If you have a child(ren), where do you take your newborn-toddler for well-child visits?



18a. Where do you go for newborn-toddler well-child visits in Allegan County? Please list all services used.

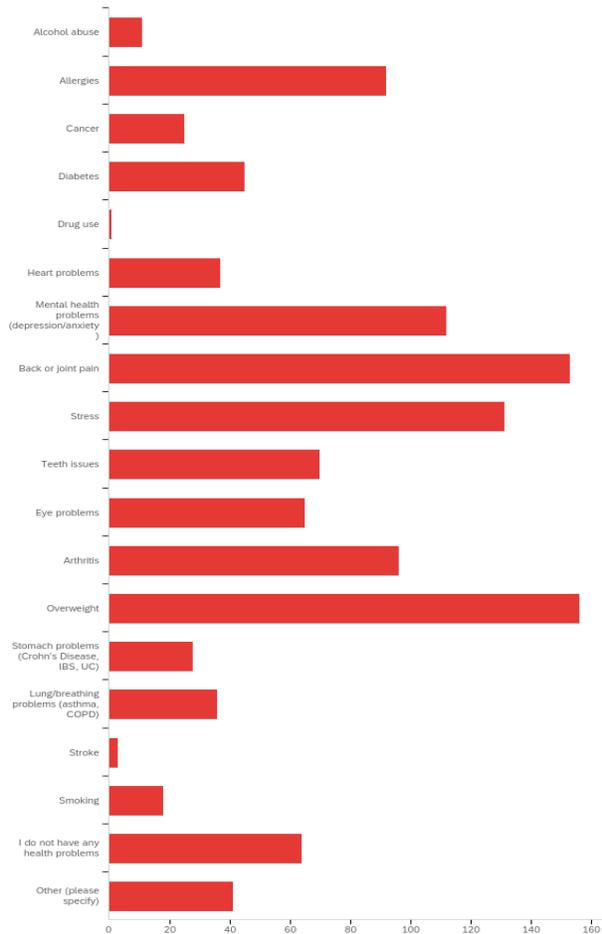
- Allegan Hospital and Holland Hospital.

18b. Where do you go for newborn-toddler well-child visits out of Allegan County?

Please list all services used and the cities they are in.

- Pediatrics was the most commonly mentioned service in any city
- Holland was the most named city (21), with Kalamazoo with the second most mentions (19)

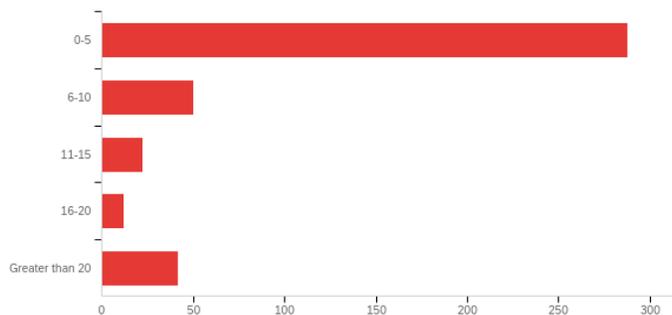
19. What general health issues are you dealing with currently? Select all that apply.



Answer	%	Count
Alcohol abuse	0.93%	11
Allergies	7.77%	92
Cancer	2.11%	25
Diabetes	3.80%	45
Drug use	0.08%	1
Heart problems	3.13%	37
Mental health problems (depression/anxiety)	9.46%	112
Back or joint pain	12.92%	153
Stress	11.06%	131
Teeth issues	5.91%	70
Eye problems	5.49%	65
Arthritis	8.11%	96
Overweight	13.18%	156
Stomach problems (Crohn's Disease, IBS, UC)	2.36%	28
Lung/breathing problems (asthma, COPD)	3.04%	36
Stroke	0.25%	3
Smoking	1.52%	18
I do not have any health problems	5.41%	64
Other (please specify)	3.46%	41
Total	100%	1184

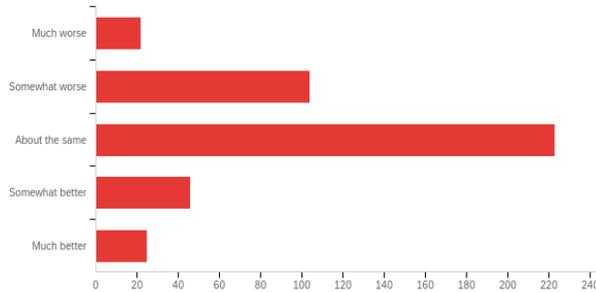
- Most common “other” listed by respondents was “long COVID symptoms”

20. Now thinking about your physical health, which includes physical illness and injury, how many days during the past 30 days was your physical health not good?



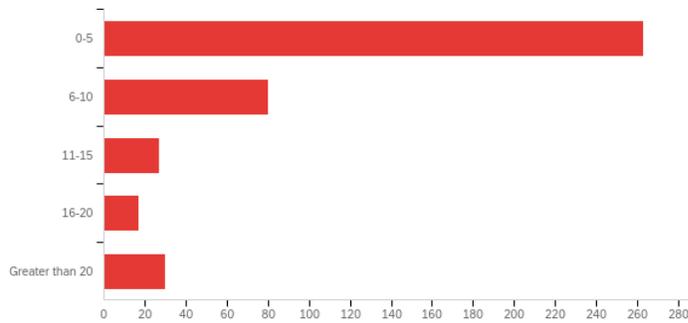
Answer	%	Count
0 - 5	69.57%	288
6 - 10	12.08%	50
11 - 15	5.31%	22
16-20	2.90%	12
Greater than 20	10.14%	42
Total	100%	414

21. Compared to before the COVID-19 pandemic, how would you rate your physical health?



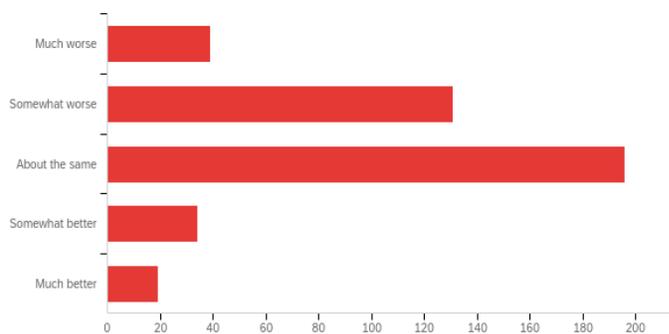
Answer	%	Count
Much worse	5.24%	22
Somewhat worse	24.76%	104
About the same	53.10%	223
Somewhat better	10.95%	46
Much better	5.95%	25
Total	100%	420

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



Answer	%	Count
0-5	63.07%	263
6 - 10	19.18%	80
11 - 15	6.47%	27
16-20	4.08%	17
Greater than 20	7.19%	30
Total	100%	417

23. Compared to before the COVID-19 pandemic, how would you rate your mental health?

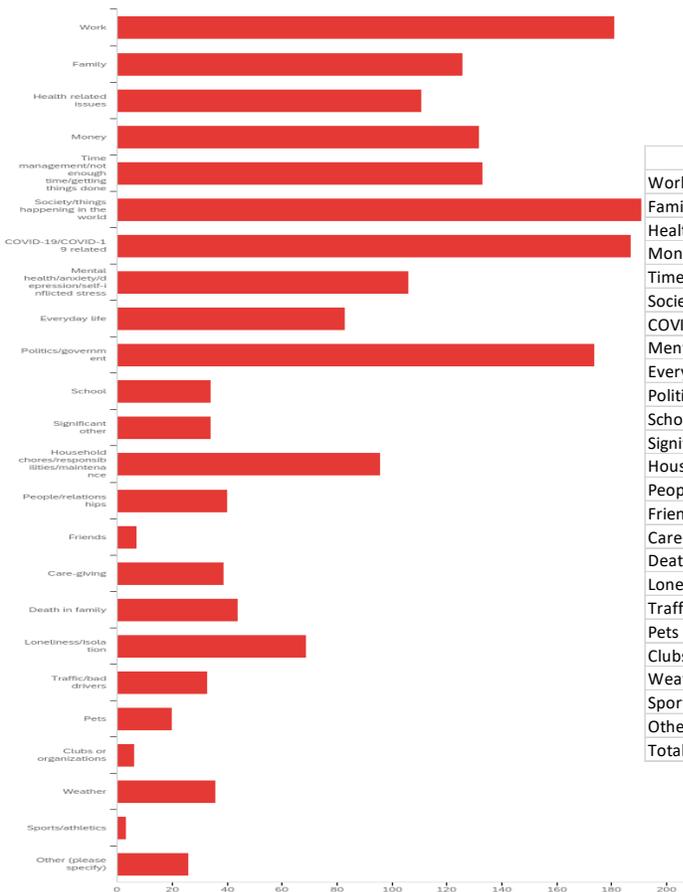


Answer	%	Count
Much worse	9.31%	39
Somewhat worse	31.26%	131
About the same	46.78%	196
Somewhat better	8.11%	34
Much better	4.53%	19
Total	100%	419

24. Now, thinking about the level of stress you experience, on a scale from 0 to 10, where zero means not stressed at all and 10 means a tremendous amount of stress, how stressed do you feel on a daily basis?

#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Level of Daily Stress	0.00	10.00	4.82	2.55	6.49	402

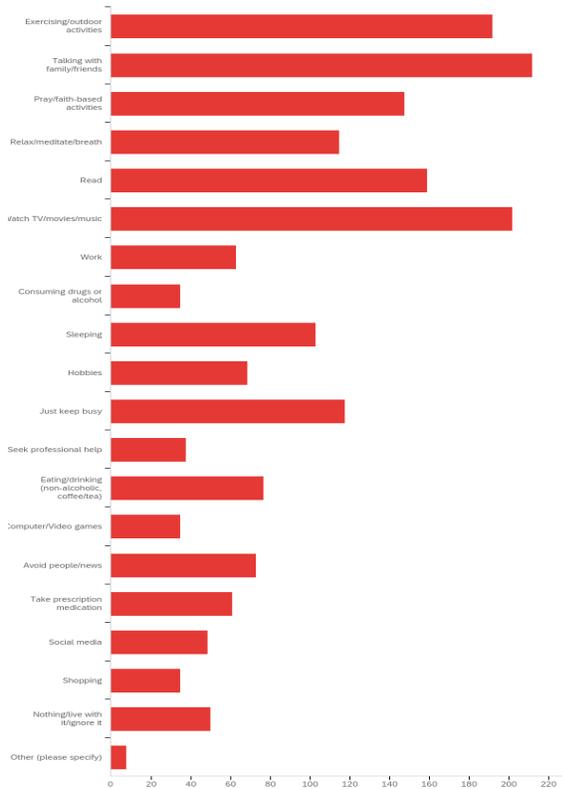
24a. What are the causes of your stress? Select all that apply.



Answer	%	Count
Work	9.47%	181
Family	6.59%	126
Health related issues	5.81%	111
Money	6.91%	132
Time management/not enough time/getting things done	6.96%	133
Society/things happening in the world	9.99%	191
COVID-19/COVID-19 related	9.79%	187
Mental health/anxiety/depression/self-inflicted stress	5.55%	106
Everyday life	4.34%	83
Politics/government	9.11%	174
School	1.78%	34
Significant other	1.78%	34
Household chores/responsibilities/maintenance	5.02%	96
People/relationships	2.09%	40
Friends	0.37%	7
Care-giving	2.04%	39
Death in family	2.30%	44
Loneliness/isolation	3.61%	69
Traffic/bad drivers	1.73%	33
Pets	1.05%	20
Clubs or organizations	0.31%	6
Weather	1.88%	36
Sports/athletics	0.16%	3
Other (please specify)	1.36%	26
Total	100%	1911

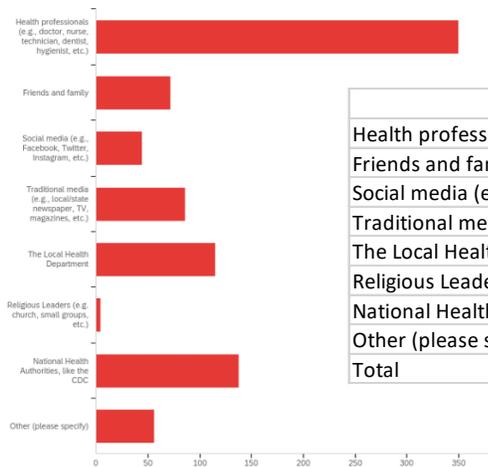
- Most common “other” response was that the government was “overstepping their boundaries”

24b. How do you relieve, or cope with your stress? Select all that apply.



Answer	%	Count
Exercising/outdoor activities	10.42%	192
Talking with family/friends	11.51%	212
Pray/faith-based activities	8.03%	148
Relax/meditate/breath	6.24%	115
Read	8.63%	159
Watch TV/movies/music	10.97%	202
Work	3.42%	63
Consuming drugs or alcohol	1.90%	35
Sleeping	5.59%	103
Hobbies	3.75%	69
Just keep busy	6.41%	118
Seek professional help	2.06%	38
Eating/drinking (non-alcoholic, coffee/tea)	4.18%	77
Computer/Video games	1.90%	35
Avoid people/news	3.96%	73
Take prescription medication	3.31%	61
Social media	2.66%	49
Shopping	1.90%	35
Nothing/live with it/ignore it	2.71%	50
Other (please specify)	0.43%	8
Total	100%	1842

25. How do you get most of your health related information? Select all that apply.

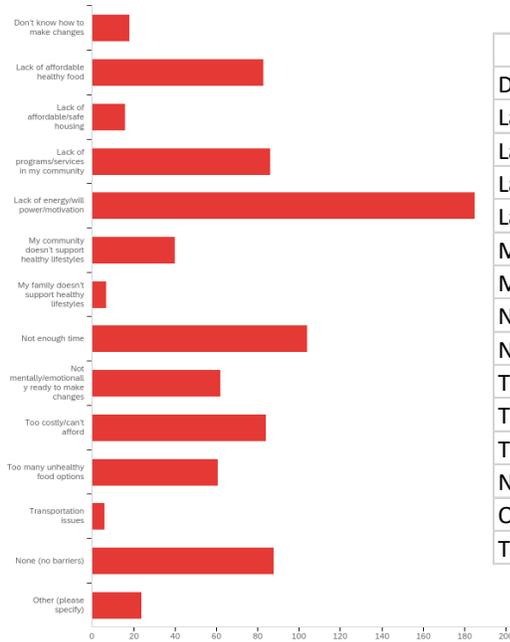


Answer	%	Count
Health professionals (e.g., doctor, nurse, technician, dentist, hygienist, etc.)	40.46%	350
Friends and family	8.32%	72
Social media (e.g., Facebook, Twitter, Instagram, etc.)	5.09%	44
Traditional media (e.g., local/state newspaper, TV, magazines, etc.)	9.94%	86
The Local Health Department	13.29%	115
Religious Leaders (e.g. church, small groups, etc.)	0.46%	4
National Health Authorities, like the CDC	15.95%	138
Other (please specify)	6.47%	56
Total	100%	865

- Most common other responses were the Internet (WebMD, Google, Etc.) and medical journals

26. What are some of the barriers you face personally when trying to live a healthier lifestyle?

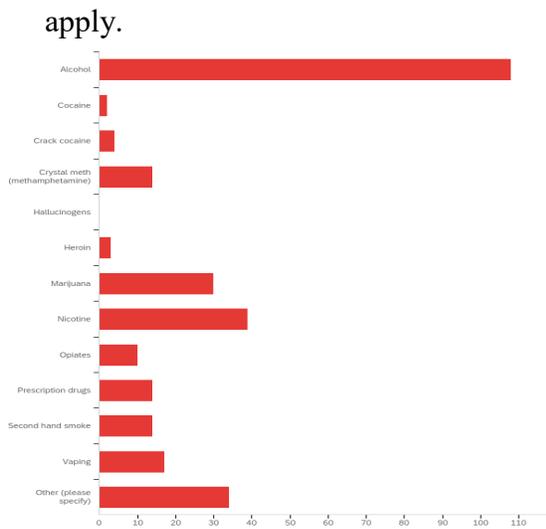
Select all that apply.



Answer	%	Count
Don't know how to make changes	2.08%	18
Lack of affordable healthy food	9.61%	83
Lack of affordable/safe housing	1.85%	16
Lack of programs/services in my community	9.95%	86
Lack of energy/will power/motivation	21.41%	185
My community doesn't support healthy lifestyles	4.63%	40
My family doesn't support healthy lifestyles	0.81%	7
Not enough time	12.04%	104
Not mentally/emotionally ready to make changes	7.18%	62
Too costly/can't afford	9.72%	84
Too many unhealthy food options	7.06%	61
Transportation issues	0.69%	6
None (no barriers)	10.19%	88
Other (please specify)	2.78%	24
Total	100%	864

- Most common “other” response was fear of catching COVID

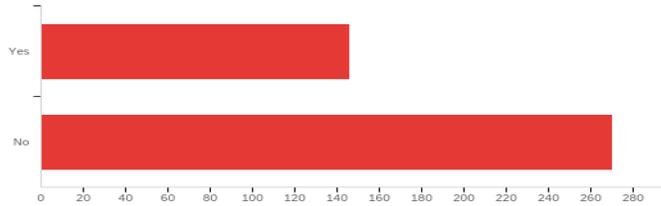
27. Substance abuse and addiction can have a negative impact on individuals or families. Which of the following, if any, have had a negative effect on you or your family? Select all that apply.



Answer	%	Count
Alcohol	37.37%	108
Cocaine	0.69%	2
Crack cocaine	1.38%	4
Crystal meth (methamphetamine)	4.84%	14
Hallucinogens	0.00%	0
Heroin	1.04%	3
Marijuana	10.38%	30
Nicotine	13.49%	39
Opiates	3.46%	10
Prescription drugs	4.84%	14
Second hand smoke	4.84%	14
Vaping	5.88%	17
Other (please specify)	11.76%	34
Total	100%	289

- Most common “other response” was “none”

28. Have your health habits in the past 6 months changed with the ongoing pandemic?

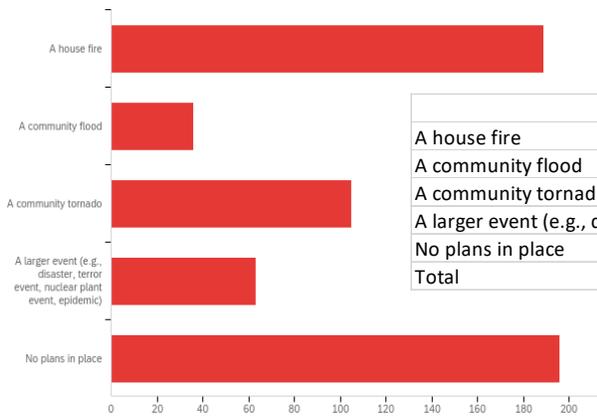


Answer	%	Count
Yes	35.10%	146
No	64.90%	270
Total	100%	416

28a. If yes, please explain.

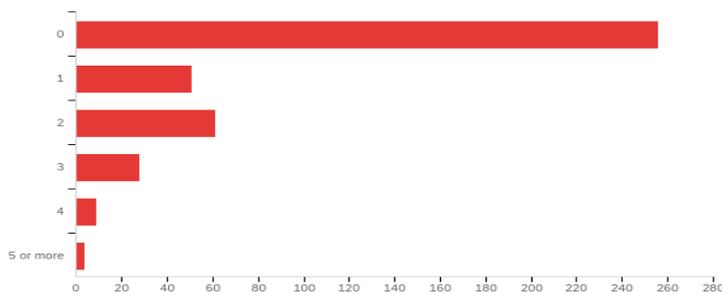
- 43 Responses: Increases in exercise, healthier eating, improved hygiene, social awareness, being more health conscious, decrease in the use substances
- 35 Responses: Decrease in exercise and activity, more overeating and unhealthy eating, increase substance use, and decrease in mental well-being

29. Do you have a family plan to deal with the following? (Select all that apply)



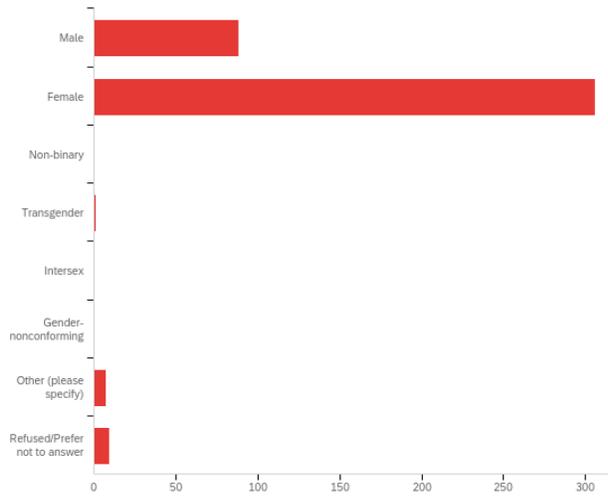
Answer	%	Count
A house fire	32.09%	189
A community flood	6.11%	36
A community tornado	17.83%	105
A larger event (e.g., disaster, terror event, nuclear plant event, epidemic)	10.70%	63
No plans in place	33.28%	196
Total	100%	589

30. How many people under the age of 18 currently live in your household?



Answer	%	Count
0	62.59%	256
1	12.47%	51
2	14.91%	61
3	6.85%	28
4	2.20%	9
5 or more	0.98%	4
Total	100%	409

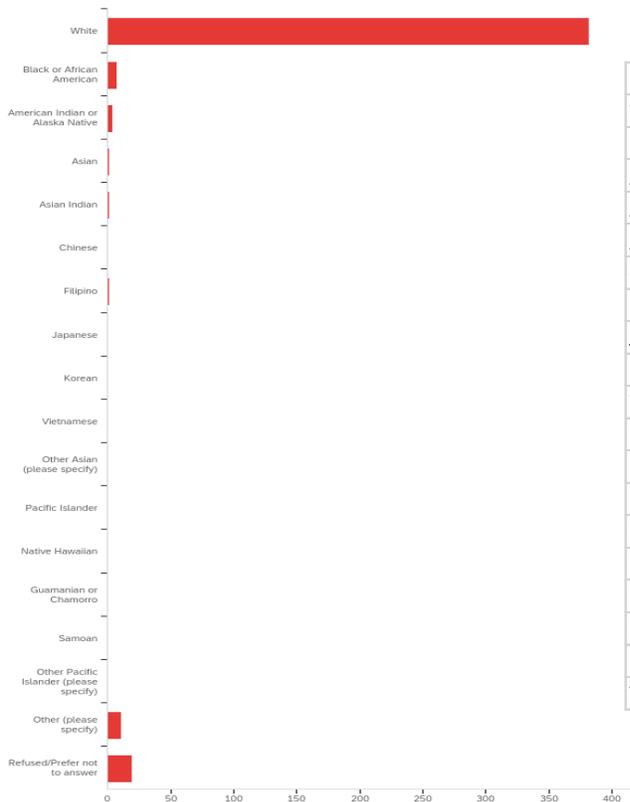
31. What gender do you identify with?



Answer	%	Count
Male	21.41%	88
Female	74.45%	306
Non-binary	0.00%	0
Transgender	0.24%	1
Intersex	0.00%	0
Gender- nonconforming	0.00%	0
Other (please specify)	1.70%	7
Refused/Prefer not to answer	2.19%	9
Total	100%	411

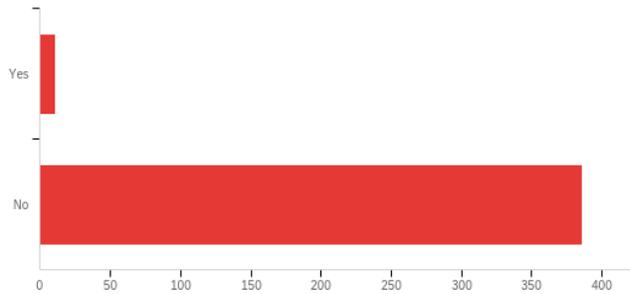
- All “other” responses were participants voicing opinions of their being only “two genders”

32. What race do you identify with? (Select all that apply)



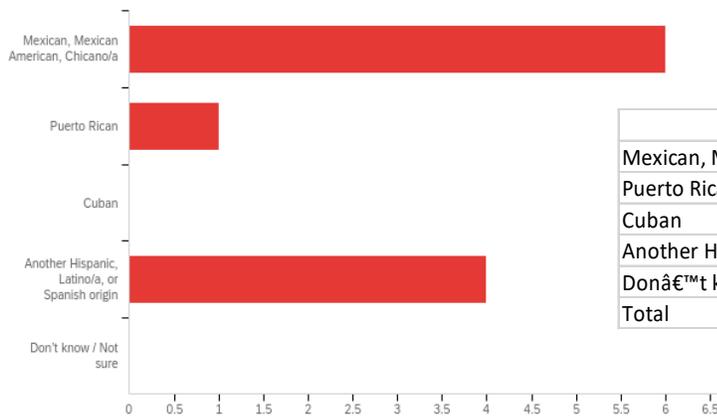
Answer	%	Count
White	89.67%	382
Black or African American	1.64%	7
American Indian or Alaska Native	0.94%	4
Asian	0.23%	1
Asian Indian	0.23%	1
Chinese	0.00%	0
Filipino	0.23%	1
Japanese	0.00%	0
Korean	0.00%	0
Vietnamese	0.00%	0
Other Asian (please specify)	0.00%	0
Pacific Islander	0.00%	0
Native Hawaiian	0.00%	0
Guamanian or Chamorro	0.00%	0
Samoan	0.00%	0
Other Pacific Islander (please specify)	0.00%	0
Other (please specify)	2.58%	11
Refused/Prefer not to answer	4.46%	19
Total	100%	426

33. Are you Hispanic, Latino/a, or Spanish origin?



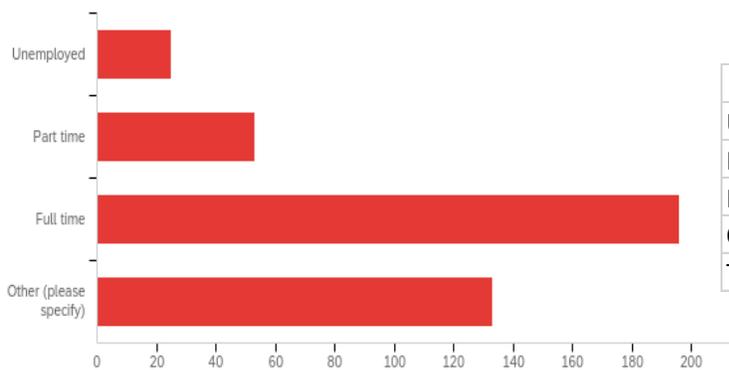
Answer	%	Count
Yes	2.77%	11
No	97.23%	386
Total	100%	397

33a. If yes, are you...



Answer	%	Count
Mexican, Mexican American, Chicano/a	54.55%	6
Puerto Rican	9.09%	1
Cuban	0.00%	0
Another Hispanic, Latino/a, or Spanish origin	36.36%	4
Don't know / Not sure	0.00%	0
Total	100%	11

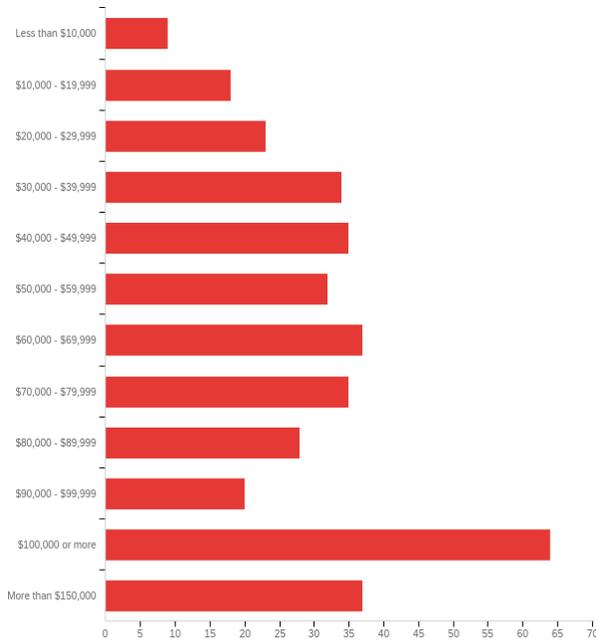
34. What is your current employment status?



Answer	%	Count
Unemployed	6.14%	25
Part time	13.02%	53
Full time	48.16%	196
Other (please specify)	32.68%	133
Total	100%	407

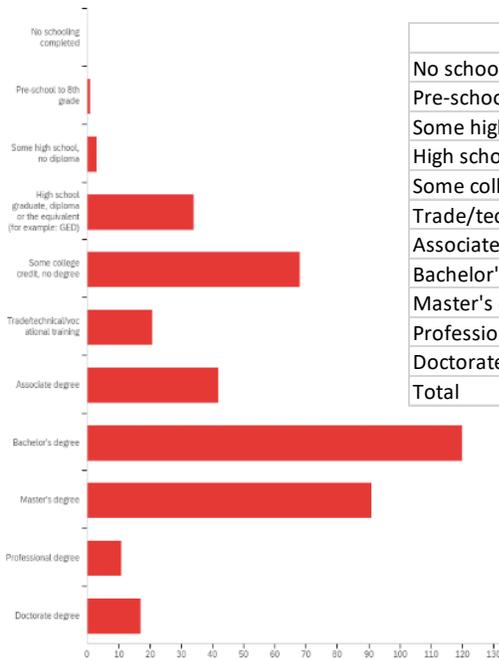
- Most “other” responses were “retired”

35. Including income from all sources such as wages, salaries, Social Security or retirement benefits, help from relatives and so forth. What is your household's total annual income?



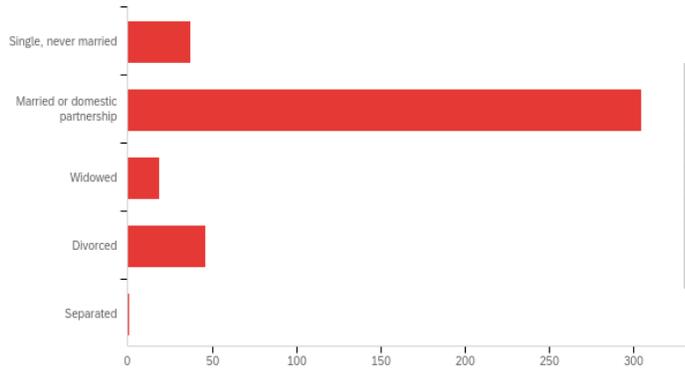
Answer	%	Count
Less than \$10,000	2.42%	9
\$10,000 - \$19,999	4.84%	18
\$20,000 - \$29,999	6.18%	23
\$30,000 - \$39,999	9.14%	34
\$40,000 - \$49,999	9.41%	35
\$50,000 - \$59,999	8.60%	32
\$60,000 - \$69,999	9.95%	37
\$70,000 - \$79,999	9.41%	35
\$80,000 - \$89,999	7.53%	28
\$90,000 - \$99,999	5.38%	20
\$100,000 or more	17.20%	64
More than \$150,000	9.95%	37
Total	100%	372

36. What is the highest degree or level of school you have completed? If currently enrolled, the highest degree received.



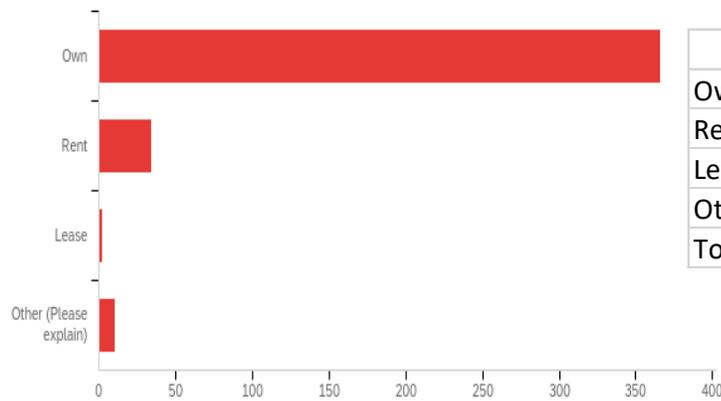
Answer	%	Count
No schooling completed	0.00%	0
Pre-school to 8th grade	0.25%	1
Some high school, no diploma	0.74%	3
High school graduate, diploma or the equivalent (for example: GED)	8.33%	34
Some college credit, no degree	16.67%	68
Trade/technical/vocational training	5.15%	21
Associate degree	10.29%	42
Bachelor's degree	29.41%	120
Master's degree	22.30%	91
Professional degree	2.70%	11
Doctorate degree	4.17%	17
Total	100%	408

37. What is your current marital status?



Answer	%	Count
Single, never married	9.07%	37
Married or domestic partnership	74.75%	305
Widowed	4.66%	19
Divorced	11.27%	46
Separated	0.25%	1
Total	100%	408

38. Do you own, rent or lease your current residence?



Answer	%	Count
Own	88.83%	366
Rent	8.25%	34
Lease	0.49%	2
Other (Please explain)	2.43%	10
Total	100%	412

Resources:

County Health Rankings. (2021). Allegan County, Michigan. Retrieved from

<https://www.countyhealthrankings.org/app/michigan/2021/rankings/allegan/county/outcomes/overall/snapshot>

U.S. Census Bureau. (2021). Allegan County, Michigan. Retrieved from

<https://www.census.gov/quickfacts/fact/table/allegancountymichigan/PST045221>