

Mental Health of U.S. Citizens During the COVID-19 Pandemic*

Analysis of US General Social Survey of 2021

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20 March 2022

Abstract

In this paper, the 2021 US General Social Survey was analyzed to examine how mental health affects different parts of the population during the COVID-19 pandemic. The analysis was able to determine that Male participants, participants with poor physical health, Younger Age Groups between 18 and 29, LGBTQ+, participants with lower income and low social class, and participants that had their firstborn child at a younger age have poor mental health compared to their counterparts. This is an important result as it can help policymakers to take appropriate actions to reduce mental health suffering which can in-turn reduce long-term social and economical costs for society.

1 Introduction

Mental health is a growing problem in the world, with a 13% worldwide increase in the last decade (“Mental Health,” n.d.), which makes this an important point for policymakers in government. During the last two years, the COVID-19 pandemic has not helped the situation either, causing a dramatic increase in anxiety and depression across the United States (“Mental Health in America - Printed Reports,” n.d.).

In this report, we monitor the mental health status of adults (over 18) in the United States, through the COVID-19 pandemic. We observe various groups (of sex, sexual orientation, social and income class) and how they are affected by mental health. This report provides an understanding of extreme cases such as the pandemic, and via collecting as much data as possible, a solution could be made to combat this problem. The effect of the pandemic on the survey itself is also noticeable, with the dramatic decrease in response rate (over 50% before the pandemic to 17.4% for GSS 2021) due to the shift to the web-based system. This can be easily rectified in the future (with the lack of COVID-19), but not much can be done in an extreme case such as the pandemic.

Trends were noticed in all segregations, with younger and poorer (by income) respondents showing significantly worse mental health. Men were also observed to have poorer mental health. A comparison to respondents’ physical health was also made, with a notable number of respondents being physically healthy but mentally unhealthy. Members of the LGBTQ+ community also show significantly poorer mental health than those of the heterosexual community. Finally, the social class was also assessed, based on self-identification; which yielded a similar trend to the income class (poorer had more mentally unhealthy respondents), except for the upper-most class; which showed a dramatic increase in poor mental health. These trends are crucial for the government, explicitly showcasing who needs the most help. With the help of policies, one could decrease the poor mental health rate in many of these classes, via analyzing which section of the class needs it most.

2 Data

To get better insights on what factors affect Mental health for different parts of the population, we utilized the 2021 US General Social Survey (“US General Social Survey” 2021) from NORC at the University of

*Code and data are available at: <https://github.com/ray0130/Mental-Health-of-U.S.-Citizens-During-the-COVID-19-Pandemic>

Chicago (“Research You Can Trust,” n.d.). The raw dataset is a Stata file and was imported in R using the package Haven (Wickham and Miller 2021). It includes data from 568 Survey Questions for 4032 Survey Participants. Using the R (R Core Team 2020) package tidyverse (Wickham et al. 2019) and dplyr (Wickham et al. 2021), we were able to clean and perform exploratory data analysis on the dataset to get insights into the data. Further, we used R package ggplot2 (Wickham 2016) to visualize the data for this paper.

The survey of interest in this report is the General Social Survey (“US General Social Survey” 2021), one that monitors public opinion and behavior in the United States. It has been conducted since 1972 by the NORC at the University of Chicago and funded by the National Science Foundation (NSF); aiming to minimize all changes via retaining similar sampling and questioning approaches. In each round, the GSS contains a set of repeating modules and a section of topical modules that is subject to change in every round and each participant will be given a subset of repeating modules and topical modules (it may not contain all modules).

2.1 Sample

In this survey, the sample of focus were adults, 18 years of age or older, residing in a noninstitutional (privately owned) home in the United States. Due to the recent pandemic, and the implications on in-person activities; the materials were mailed to people showing them a web link as an invitation. The addresses were provided from the NORC National Sampling Frame as well as the United States Postal Service (USPS) Computerized Delivery Sequence File (CDS). A phone option was also provided, but respondents were pushed to the web survey first. With a response rate of 17.4%, a total of 4,032 surveys were completed; from December 1, 2020, to May 3, 2021. 88.3% of those respondents completed the survey via the web, and 11.7% completed it via the phone.

To choose the respondent out of the houses the mail were being sent, the ‘last birthday method’ was used; selecting the adult with the most recent birthday to when the mail was sent out. Prior to the pandemic, this process was far more rigorous, with an interviewer physically with the respondent, assisting them along the way. The selection process was also more rigorous, with the interviewer making the selection after all adults had filled in an introductory form. The lack of an interviewer made the process *easier* (as in, less fieldwork), but less effective (due to lack of incentive by an interviewer, fewer individuals responded). This was a tradeoff in the sampling approach that must be noted, in comparison to previous years (before the pandemic).

Weights had to be carefully placed to account for various factors; such as population totals, the density of surveyed addresses nearby as well as non-response. Note, the difficulty of the weighting system is that it must account for new data, as well as be similar to the years prior as to not skew the results.

2.2 Qualities

The GSS has further made changes to the survey response options as a result of the shift from in-person interviews to web and phone-based interviews. Originally the survey contains “volunteered responses” that are not displayed to the responders and is used by the interviewer. An example would be the option “about right” in response to the question “In general, do you think the courts in this area deal too harshly or not harshly enough with criminals?” (“US General Social Survey” 2021). However, in this year’s survey, the interviewers are unable to add these volunteered responses due to the lack of interaction on the web and phone-based interviews. Therefore, the GSS adopted a new structure for these volunteered responses on the web mode by creating two different versions of forms with one containing the volunteered responses as an option and the other without. Thus, any changes in the public opinion seen in the 2021 GSS data could be due to either actual changes in public opinion or the result of this newly adopted methodology and should be closely monitored and considered in analysis on the survey.

Changes in the responses “Don’t Know” and “No Answer” have also been made in the 2021 GSS survey. Traditionally, these options would not be shown to the responders, and it is only recorded if the responder does not wish to answer. On the web mode, however, responders can only skip the question and the option of “No Answer” was removed. The option of “Don’t Know” was also removed from attitudinal questions, which are questions regarding the responder’s point of view, and is always displayed in light-gray, which is different from standard responses, as an option for factual questions, which are questions regarding facts of

the responder. Implementing these changes exposes the survey to more “No Answers” and “Don’t Know” responses, which could lead to loss of information. However, the GSS codebook has stated that a finding shows no significant increase in respondents choosing the options “No Answer” and “Don’t Know,” but they also encourage users to conduct further investigation seeing as this finding is still preliminary.

2.3 Bias

There are various sources of bias in this survey, most of which stem from the Covid-19 pandemic. Firstly, the method of data collection itself. Before the pandemic, the survey would be conducted in person; and a random member of the household would be chosen. This had a high response rate of well above 50%. The pandemic forced these surveys to be web-based, drastically decreasing the response rate to 17%. This causes a far higher non-response bias than previous GSS surveys. To account for this, a weighting system was applied to the data to set the samples as close to the US Census Bureau estimates as possible.

Due to the collection of the survey completely shifting from in-person to web-based, measurement bias was undeniably present. The primary factor of difference is the lack of interviewer assistance (explaining the question further, etc.). The questions were also slightly altered to account for the shift in the interface, which added to errors in the measurement due to variability from past surveys.

The past method of respondent selection would be a lot more comprehensive, where each household member who was an adult (over 18) would fill in some basic data, then a random one would be chosen to complete the full interview. The pandemic caused this method to shift to selecting the adult with the most recent birthday, which changes the ‘randomness’ in the data, as compared to years prior. The major issue this brings up is known as coverage bias, since it is possible that people chosen are no longer in the same house or could be abroad, as well as a possibility of adult children residing with the parents, leading to either a non-response or a not correctly measured sample.

Finally, due to a sample of the population being taken and surveyed, sampling bias with how the groups were sampled and weighted will always be present. Since different parts of the sample might be responding each year (with a similar sample taken each year, like in this survey), this must be taken into consideration. To account for this, significance tests are conducted with trend differences to assure no extreme changes.

Due to the surveys being completely anonymous, with the respondent having an option to skip each question, the ethicality of the survey was handled well.

2.4 Variables of Interest

This survey contains a total of 565 variables and 4032 observations. However, due to the design of the survey and the impact of the COVID-19 pandemic, each participant may not receive the same survey questions thus leaving some responses empty.

This report focuses on a subset of variables that will be used to analyze the trends and correlations of mental health with each different social aspect. Furthermore, many of these variables have been pre-processed and transformed into commonly seen categories to generalize the results.

Both mental health variables and physical health variables are separated into two categories, “Good” and “Not Good” with a cut-off point at the center of the range of original values. Age is categorized into groups according to the GSS codebook, separated for every 10 years of age except for ages 18 to 29 and 65 above. The participants’ age when they had their firstborn child is also categorized in the same fashion as age groups. Finally, each participants income class is categorized for each \$20,000 with the exception of under \$10,000, between \$10,000 and \$20,000, and above \$90,000. These categorizations will facilitate the results by yielding a clearer distinction between each group and provide a generalization of the results.

Other variables, such as sex, sexual orientation, and social class, the report retains its original labels as it already consists of a set of well-distinguished categories for analysis. For the participants’ sex, it is separated as “Male” and “Female” with a small percentage (under 2%) of “No answer” and “Not Applicable.” Participants’ sexual orientation is categorized as “Gay, Lesbian, or Homosexual”, “Bisexual”, and “Heterosexual or Straight”.

Table 1: US GSS Summary Statistics

Variable	N	Mean	Std. Dev.	Min	Pctl. 25	Pctl. 75	Max
Mental Health Score	3637	2.519	1.016	1	2	3	5
Physical Health Score	3630	2.674	1.038	1	2	3	5
Age	3699	52.165	17.233	18	37	66	89
Age when first child born	2803	25.47	6.192	9	21	30	57

Finally, social classes are categorized as “Lower”, “Working”, “Lower Middle”, “Middle”, “Upper Middle”, and “Upper” class, and these classes are identified by the participants themselves with their assessments.

Table 1 contains a summary of the variables of interest using `vtable`(Huntington-Klein 2021) and `kableExtra`(Zhu 2021).

From this table, we observe the average mental health of respondents as well as their physical health as below the average of the possible responses (3 being the statistically average response), with a slightly higher average physical health. Their standard deviation, or measure of variation; is nearly identical. We also observe the summary statistics of the age of the respondents, and when they had their first child.

3 Results

Using several responses through the survey, we are able to observe the results visually using `ggplot` (Wickham 2016); aiding in the understanding of the results.

3.1 Mental Health - Male Vs Female

We first take a broad look at the two genders and observe the effect on their mental health.

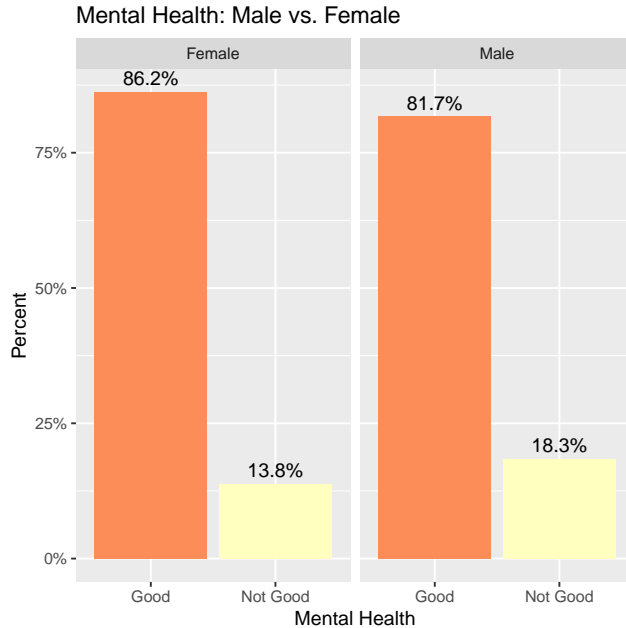


Figure 1: Mental Health - Male Vs Female

(Figure 1) – Mental health (Male vs Female)) shows that 18.3% of the male respondents reported having ‘Not Good’ mental health and 81.7% reported ‘Good’ mental health compared to 13.8% of the female respondents

reported having ‘Not Good’ mental health and 86.2% reported ‘Good’ mental health.

An unequal percentage in both populations conveys an important message; that males are more in need of assistance with their mental health than females.

We now observe the relationship between mental and physical health. An obvious implication would be that poor mental health implies poor physical health and vice-versa.

3.2 Mental Health – Physical Health

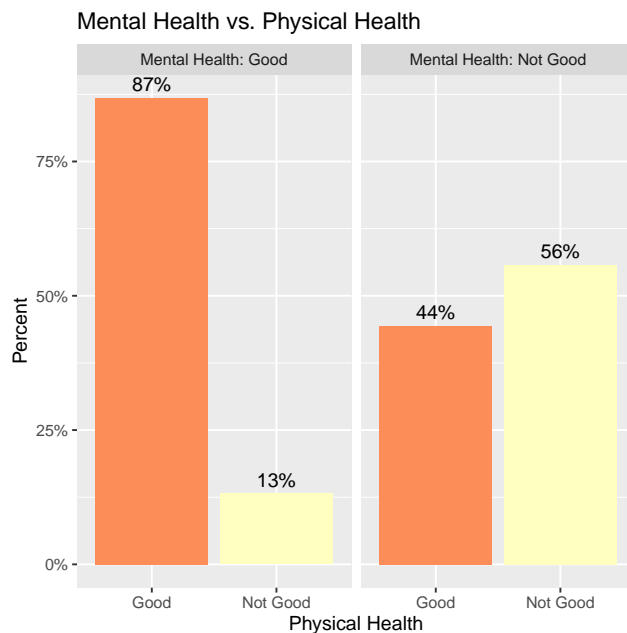


Figure 2: Mental Health – Physical Health

In (Figure 2), we can see that for people who reported ‘Not Good’ mental health, 56% reported having ‘Not Good’ physical health, and 44% reported ‘Good’ physical health. While, for the people who reported ‘Good’ mental health, 13% reported ‘Not Good’ physical health, and 87% reported ‘Good’ physical health.

Here we observe slight inconsistencies with mental and physical health; proving to be quite different from one another. This graph implies people’s physical health (from their perspective) is a lot stronger than their mental health; a significant portion of the respondents who selected “Not Good” for their mental health also selected “Good” for their physical health (44%). We aim to deduce a pattern in this relationship by now comparing male and female responses to physical health, with a “Not Good” mental health response.

In (Figure 3), we found that for participants whose mental health is ‘Not Good’, both Male and Female participants have a similar distribution of physical health at 54.5% Female and 56.4% Male reporting ‘Not Good’ physical health and 45.5% of Female 43.6% of Male reporting ‘Good’ physical health while having poor mental health. This displays a pattern, that males and females have nearly identical percentages for their physical health; given poor mental health. Having understood the gender distribution, we now aim to understand the effects of mental health given the respondent’s age.

3.3 Mental Health – Age Groups

In (Figure 4), we can see that the Age Group of 18-29 has the highest ‘Not Good’ mental health at 34.5% followed by Ages 30-39 with 23.5%, 16.4% for Age Group 40-49, 13.4% for Age Group 50-64, and 9.1% for Age group 65-89.

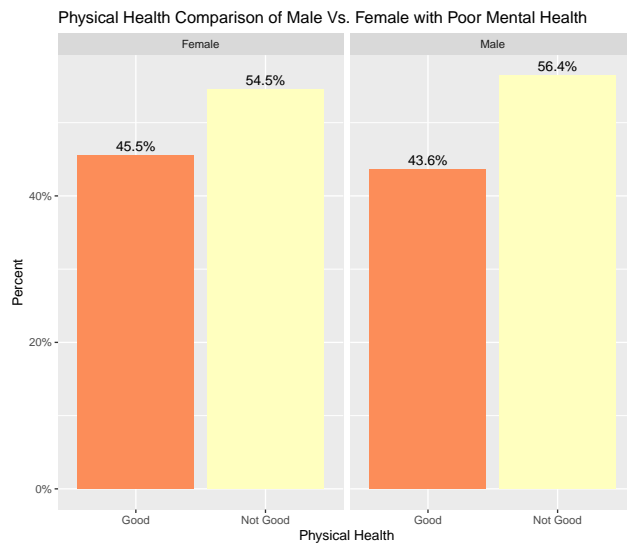


Figure 3: Physical Health Comparison of Male Vs. Female with Poor Mental Health

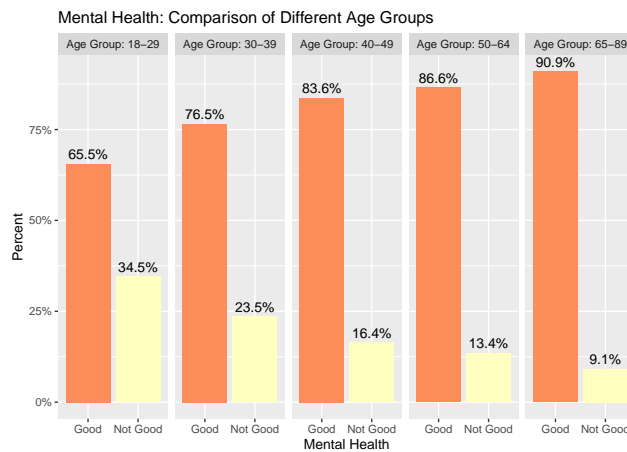


Figure 4: Mental Health – Age Groups

Here, we can observe a very interesting pattern, that quality of mental health is highly dependent on one's age; with the youngest respondents reporting the poorest mental health.

3.4 Mental Health - Sexual Orientation

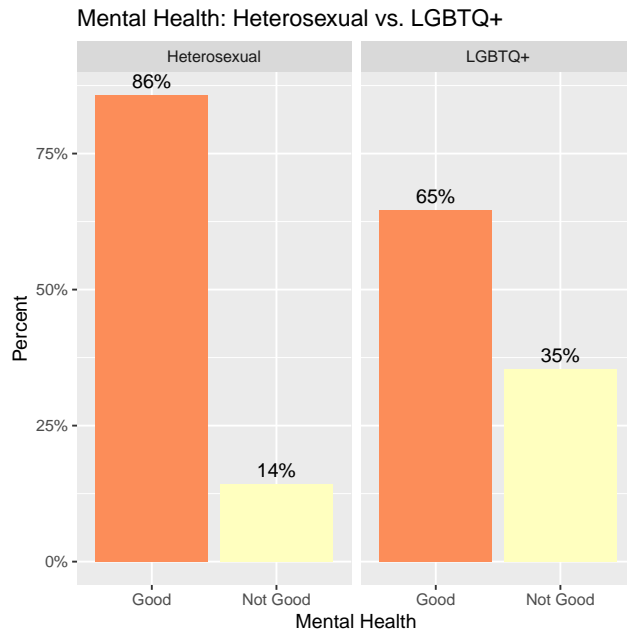


Figure 5: Mental Health – Sexual Orientation

In (Figure 5), we can see that 35% of LGBTQ+ reported their mental health as being Not Good (I.e, Poor or Fair) compared to 14% of Heterosexual. LGBTQ+ population experience a higher rate of poor mental health compared to the Heterosexual population.

3.5 Mental Health: Social Class



Figure 6: Mental Health – Social Class

(Figure 6) shows a bar graph of the mental health rating for each of the social classes. These social classes are self-identified by the responder to see where they see fit in the 6 different social classes. 44.2% of the lower social class, 21.3% of the working class, 20% of the lower middle class, 12.6% of the middle class, 7.5% of the upper-middle class, and 27.3% of the upper-class respondents responded with poor mental health.

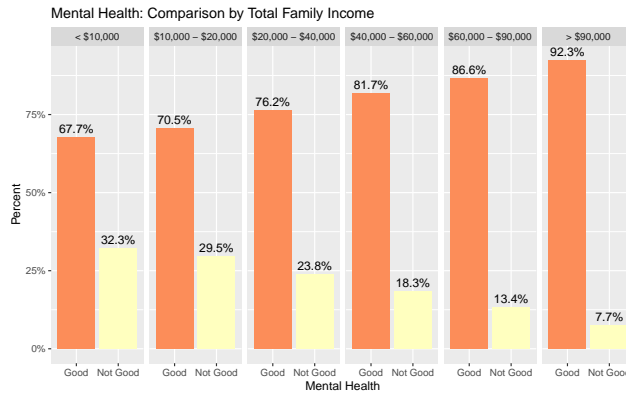


Figure 7: Mental Health – Total Family Income

3.6 Mental Health: Total Family Income

(Figure 7) shows a bar graph of the mental health comparison for different family income groups. 32.3% in the lowest income bracket (< \$10,000), 29.5% in the lower-income (\$10,000 - \$20,000), 23.8% in lower middle income (\$20,000 - \$40,000), 18.3% in the middle income (\$40,000 - \$60,000), 13.4% in the upper middle income (\$60,000 - \$90,000), and 7.7% in the upper income (> \$90,000) responded with 'Not Good' mental health. There is a clear trend in lower income family income having worse mental health compared to higher income groups.

3.7 Mental Health: Age When First Child was Born

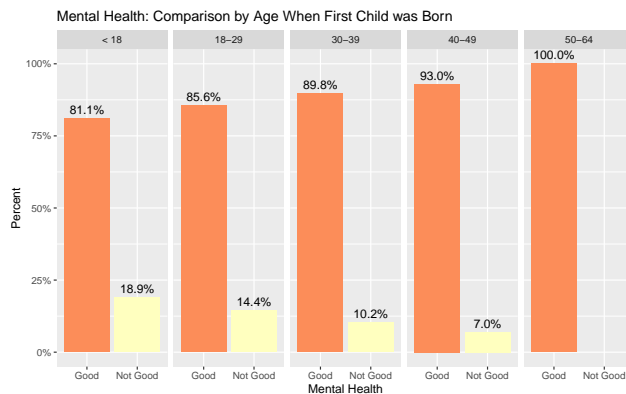


Figure 8: Mental Health – Age When First Child was Born

(Figure 8) shows a bar graph of the respondent's age when they had their firstborn child. 18.9% of age younger than 18, 14.4% of age between 18 and 29, 10.2% of age between 30-39, 7% of age between 40-49, and 0% of age 50 and above responded with poor mental health.

4 Discussion

Due to the COVID-19 pandemic, there has been a rise in mental health (Kate Kelland 2020). With the rise in COVID-19 cases and social distancing being enforced by the governments, there is an increase in anxiety and depression due to isolation, job loss, and fear of infection ("Covid-19 Pandemic Triggers 25," n.d.). Looking into our data analysis we find some key insights that can help policymakers to take appropriate actions to reduce mental health suffering which can reduce long-term social and economical costs for society.

4.1 Male Vs Female

Although the difference between ‘Not Good’ mental health between female and male participants isn’t huge (less than 5%) in (Figure 1), our findings are a contradiction to studies such as (Otten et al. 2021) and (Moyser 2020) that suggests that females are more likely than males to report worse mental health, especially since physical distancing began due to the pandemic.

4.2 Physical Health

In (Figure 2), we see those survey participants who reported their mental health as Poor or Fair have significantly worse physical health compared to participants who have good mental health. This finding can also be seen in different studies such as (Vaillant 1979) and is mentioned (“Physical Health and Mental Health” 2022) & (“Connection Between Mental and Physical Health,” n.d.) as physical health and mental health are inextricably related. Physical health can be managed by exercising, eating well, and avoiding smoking & drinking.

4.3 Age Groups

The trend of (Figure 4) shows that as the Age Group increases, the reporting of poor mental health decreases. This finding is also supported by (“Mental Illness,” n.d.) which also confirms that younger age groups have increased reported poor mental health. Poor mental health is also strongly related to other health and development concerns in young people, notably lower educational achievements, substance abuse, violence, and poor reproductive and sexual health (Patel et al. 2007).

4.4 Sexual Orientation

LGBTQ+ individuals have poor mental health compared to heterosexual individuals (McDonald 2018). This is due to many factors such as lack of social support which has an association with higher levels of depression, anxiety, and low self-esteem (McDonald 2018).

4.5 Income and Social Class

People with lower income will most likely identify themselves as a lower social class as these two factors are closely related (Parker 2020). And from (Figure 6) and (Figure 7), it is observed that people with lower income and lower social class have a higher percentage of people reporting poor mental health. This discovery aligned with an article by the Canadian Mental Health Association (CMHA) on Poverty and Mental Illness (“Poverty and Mental Illness,” n.d.). Furthermore, With the added mental stress on lower classes, treatments also vary from class, with the higher classes having access to the highest quality psychiatrist, with the lower classes always receiving the lowest quality treatment (“Social Class and Mental Illness: A Community Study” 2007).

However, there is a drastic increase in poor mental health percentage for the upper class, which is not seen in the income graph. After investigation, the participants who reported poor mental health and an upper social class consisted of roughly 45% being at the age of 50 or older. According to the World Health Organization(WHO), it is estimated that over 20% of adults over the age of 60 suffer from some mental or neurological disorders (“Mental Health of Older Adults,” n.d.). Although this may sound contradicting to the Age trend that was mentioned, there are only 10 people who are age 50 and above and identifies as upper class, thus this is a relatively small portion of the age group. Older respondents may also respond with a lower income and social class due to retirement.

Furthermore, while there are 9.2% of the participants responded with a salary over \$170,000, only 0.5% identified as upper class and 5.6% identified as upper-middle-class, thus respondents with salaries that fit in the upper class may be reporting to a lower social class or skipping the question or responding with “Don’t Know” as described in the Quality of Data Section Qualities. These factors may explain the increase in poor mental health in participants in the upper social class with poor mental health.

4.6 Firstborn Child Age

(Figure 8) shows that the younger the respondents are when they had their firstborn child, the more likely they will experience poor mental health as the percentage steadily decreases as age increases. Several reasons may explain this phenomenon. To raise a child, certain financial needs will arise such as food costs, equipment, and medical attention that are specific to babies (Lino 2020), and more time would be needed to be taking care of the child (Miller 2018). And as younger workers are more likely to have less experience in the work field, most young workers take on entry-level occupations which often have lower compensation (Hill 2020). Thus, the respondent may experience more financial stress as well as work stress due to the additional financial costs and time costs.

And from the income graph in (Figure 7) people with lower income are also more likely to experience poor mental health, so with these factors altogether, it is expected that the percentage of poor mental health is higher with people having their firstborn at a younger age. However, only 4 respondents, which makes up nearly 0% of the respondents, had a response of ages 50 and above, thus this age group may not be the best representation of the mental health for people who had their firstborn child at ages 50 and above.

4.7 Weaknesses and next steps

Covid-19 undoubtedly had a significant impact on the 2021 GSS Survey. With the cancellation of in-person interviews and the shift onto web and phone mode, this year's GSS interviewers were unable to interact with the respondents; skipping questions, and volunteer responses were allowed. This may introduce within the responses without any unbiased medium, such as the interviewer to assess. Furthermore, as mentioned in the Bias Section, the randomness of the survey has shifted and the response rate drastically decreased due to the impact of the pandemic. Although weighting has been introduced in an attempt to alleviate the impacts, these are still factors to consider.

Finally, we must consider how the mental health rating is provided by the respondent. In this survey, the response is based on their *self*-diagnosis, and not a medical professional. It is very common today for people to *believe* they have poor mental health (Upshaw 2020), which might lead to a bias in the results. This should be noted, with future surveys potentially requesting for a doctor's diagnosis; to more accurately represent the mental health situation in the United States.

Appendix

A Supplementary survey

Our supplementary survey is available here: <https://tinyurl.com/supplemental-MentalHealth>



Additionally, you can scan this QR code:

The following images show the screenshots of the online survey form:

COVID-19 affect on Mental Health

Mental health is a growing problem in the world, with a 13% worldwide increase in the last decade, which makes this an important point for policymakers in government. During the last two years, the COVID-19 pandemic has not helped the situation either, causing a dramatic increase in anxiety and depression across the United States.

By participating in this survey, you understand that we will be using your responses to identify key factors that influence mental health. This survey is anonymous, voluntary and if you decide to participate, you may skip any number of questions or withdraw at any point.

If you have any questions or concerns, please contact Isfandyar Virani by e-mail at isfanyar.virani@mail.utoronto.ca

 isfandyar.virani@gmail.com (not shared) [Switch accounts](#)



What is your age?

- ☐ Under 18 years old
- ☐ 18-29 years old
- ☐ 30-39 years old
- ☐ 40-49 years old
- ☐ 50-64 years old
- ☐ 65-89 years old
- ☐ Over 90 years old

What is your Race/Ethnicity?

- ☐ White or Caucasian
- ☐ Hispanic or Latino
- ☐ Black or African American
- ☐ Native American
- ☐ South Asian (Indian, Pakistani, Bengali, etc.)
- ☐ East Asian (Chinese, Japanese, etc.)
- ☐ Middle Eastern
- ☐ Other: _____

To which gender identity do you most identify?

- ☐ Female
- ☐ Male
- ☐ Transgender
- ☐ Non Binary
- ☐ Other: _____

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Mental Health

In this part of the survey, we will ask question regarding your mental health.

How would you rate your mental health from 1-5?

	1	2	3	4	5	
Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Good

How would you rate your social support?

	1	2	3	4	5	
Poor Social Support	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strong Social Support

How has COVID-19 impacted your mental health?

- ☐ Worsened significantly
- ☐ Worsened somewhat
- ☐ Worsened
- ☐ Unchanged
- ☐ Improved
- ☐ Improved somewhat
- ☐ Improved significantly

Which of the following mental health struggles do you struggle with? (if any)

- ☐ Stress or anxiety
- ☐ Depression
- ☐ Loneliness or isolation
- ☐ Alcohol or other substance use disorder
- ☐ Other:

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Job & Income

In this part of the survey, we will ask question regarding your work and income.

Did you lose a family member or a friend due to COVID-19?

☐ Yes
 ☐ No

Did you lost work due to COVID-19 pandemic?

☐ Yes
 ☐ No

What is your job occupation industry?

☐ Advertising and marketing
 ☐ Agriculture
 ☐ Computer and technology
 ☐ Construction
 ☐ Education
 ☐ Entertainment
 ☐ Fashion
 ☐ Finance and economic
 ☐ Food and beverage / Hospitality
 ☐ Medical
 ☐ Manufacturing
 ☐ Media and news
 ☐ Transportation
 ☐ Student
 ☐ Unemployed
 ☐ Other:

What is your estimated net worth?

☐ Below \$0
 ☐ \$0 - \$10,000
 ☐ \$10,000 - \$20,000
 ☐ \$30,000 - \$50,000
 ☐ \$50,000 - \$100,000
 ☐ \$100,000 - \$200,000
 ☐ \$200,000 - \$300,000
 ☐ \$300,000 - \$500,000
 ☐ \$500,000 - \$800,000
 ☐ \$800,000 - \$1,000,000
 ☐ \$1,000,000 - \$2,000,000
 ☐ \$2,000,000 or Above

How satisfied are you at your current job?

12345

☐
☐
☐
☐
☐

Not SatisfiedVery Satisfied

How many hours do you work per week?

☐ > 10 hours
 ☐ 11-20 hours
 ☐ 21-30 hours
 ☐ 31-40 hours
 ☐ < 40 hours
 ☐ Option 6

How many jobs do you work at?

☐ None
 ☐ 1 Job
 ☐ 2 Jobs
 ☐ 2+ Jobs

Do you own your own business?

☐ Yes
 ☐ No

Do you have childhood trauma?

☐ Yes
 ☐ No
 ☐ Maybe

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First Born Child

What is your age when you had your first born child?

- ☐ Under 18 years old
- ☐ 18-29 years old
- ☐ 30-39 years old
- ☐ 40-49 years old
- ☐ 50-64 years old
- ☐ 65-89 years old
- ☐ Over 90 years old
- ☐ No Child

Was your firstborn child planned?

- ☐ Yes
- ☐ No
- ☐ No Child

Were you employed when you had your first child?

- ☐ Yes
- ☐ No
- ☐ No Child

What was your annual income when you had your first child?

- ☐ \$1 - \$4,999
- ☐ \$5,000 - \$9,999
- ☐ \$10,000 - \$29,999
- ☐ \$30,000 - \$59,999
- ☐ \$60,000 - \$99,999
- ☐ \$100,000 - \$149,999
- ☐ \$150,000 Above
- ☐ Unemployed

Thank you for participating

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