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# **Global Coronavirus Survey**

Page 1

Welcome! You are invited to participate in a global epidemiological survey from the University of Rochester to help us better understand attitudes, beliefs, and knowledge about topics related to current public health issues, such as coronavirus, COVID-19, and other infectious diseases, and the factors that might relate to them. If you're 18 years old or older and can answer the survey in English, please proceed below!

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Page 2

#### SCHOOL OF MEDICINE AND DENTISTRY

Department of Obstetrics & Gynecology



#### Global Coronavirus Survey: Opinions and Practices Principal Investigator: Timothy Dye, PhD and Eva Pressman, MD

- This form describes a research study that is being conducted by faculty from the University of Rochester's School of Medicine and Dentistry.
- The purpose of this study is to better understand attitudes, beliefs, and knowledge about some topics related to current public health issues, such as coronavirus and other infectious diseases, and the factors that might relate to them. The study includes questions about your thoughts and experiences about coronavirus and COVID-19, physical and mental health, stress, social support, and demographic questions. You can skip any question you wish.
- If you decide to take part in this study, you will be asked to complete a survey through a link you can reach on the internet. It will take about 20-40 minutes to complete the survey. We estimate that approximately 7000 people will take part in this study.
- The risks of participation are minimal. Some of the questions may be upsetting or make you feel uncomfortable. You can skip any of the questions you do not want to answer. To protect the confidentiality of the data, data will be transmitted in an encrypted format (readable only to authorized personnel). There are no expected benefits.
- You will not receive compensation to participate in this survey.
- The University of Rochester makes every effort to keep the information collected from you private. Results of the research may be presented at meetings or in publications, and will not identify specific people who responded. The University of Rochester is receiving payment from the Mae Stone Goode Foundation for conducting this research study.
- Your participation in this study is completely voluntary. You do not have to participate and you can stop the survey at any time. If you choose to stop, we cannot delete your information since we do not collect any identifying information and would be unable to find and delete your record.
- For more information or questions about this research you may contact Dr. Timothy Dye at tim\_dye@urmc.rochester.edu.
- Please contact the University of Rochester Research Subjects Review Board at 265 Crittenden Blvd., CU 420315, Rochester, NY 14642, Telephone +1 (585) 276-0005 or +1 (877) 449-4441 for the following reasons:
- You wish to talk to someone other than the research staff about your rights as a research subject;
- To voice concerns about the research.

RSRB STUDY00004825 Version Date: April 28, 2020

RSRB Approval Date: 4/28/2020

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Page 3

Information Sheet

Study Title: Global Coronavirus Survey: Opinions and Practices

Principal Investigators: Dr. Timothy Dye, Dr. Eva Pressman

This form describes a research study that is being conducted by faculty from the University of Rochester's School of Medicine and Dentistry.

The purpose of this study is to better understand attitudes, beliefs, and knowledge about some topics related to current public health issues, such as coronavirus and other infectious diseases, and the factors that might relate to them.

The risks of participation are minimal. Some of the questions may be upsetting or make you feel uncomfortable. You can skip any of the questions you do not want to answer. To protect the confidentiality of the data, data will be transmitted in an encrypted format (readable only to authorized personnel). There are no expected benefits.

The University of Rochester makes every effort to keep the information collected from you private. Results of the research may be presented at meetings or in publications, and will not identify specific people who responded.

Your participation in this study is completely voluntary. You are free not to participate or to withdraw at any time, for whatever reason.

For more information or questions about this research you may contact Dr. Timothy Dye at +1 585-276-6953 and tim dye@urmc.rochester.edu.

Please contact the University of Rochester Research Subjects Review Board at 265 Crittenden Blvd., CU 420315, Rochester, NY 14642, Telephone +1 (585) 276-0005 or +1 (877) 449-4441 for the following reasons:

- You wish to talk to someone other than the research staff about your rights as a research subject;
- To voice concerns about the research.

| Continue with the survey? | ○ Yes<br>○ No |
|---------------------------|---------------|

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**Section 1: Country Questions** 

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|                                 | Page 5   |
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| 1. What country do you live in? | ◯ A̞fghanistan   |
|                                 | Aland Islands  |
|                                 | <ul><li>○ Albania</li><li>○ Algeria</li></ul>  |
|                                 | Angeria  American Samoa  |
|                                 | Andorra  |
|                                 | O Angola   |
|                                 | ○ Anguilla   |
|                                 | <ul><li>○ Antarctica[a]</li><li>○ Antigua and Barbuda</li></ul>  |
|                                 | Argentina  |
|                                 | ○ Armenia  |
|                                 | O Aruba  |
|                                 | O Australia[b]   |
|                                 | <ul><li>○ Austria</li><li>○ Azerbaijan</li></ul>   |
|                                 | Bahamas (the)  |
|                                 | Bahrain  |
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|                                 | ○ Belgium ○ Belize   |
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|                                 | Bermuda  |
|                                 | ○ Bhutan   |
|                                 | O Bolivia (Plurinational State of)   |
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|                                 | Saba   |
|                                 | Bosnia and Herzegovina   |
|                                 | ○ Botswana   |
|                                 | Bouvet Island  |
|                                 | O Brazil   |
|                                 | <ul><li>British Indian Ocean Territory (the)</li><li>Brunei Darussalam[e]</li></ul>  |
|                                 | ○ Bulgaria   |
|                                 | Burkina Faso   |
|                                 | Burundi  |
|                                 | Cabo Verde[f]  |
|                                 | <ul><li>○ Cambodia</li><li>○ Cameroon</li></ul>  |
|                                 | ○ Canada   |
|                                 | Cayman Islands (the)   |
|                                 | Central African Republic (the)   |
|                                 | Chad   |
|                                 | ○ Chile<br>○ China   |
|                                 | Christmas Island   |
|                                 | Cocos (Keeling) Islands (the)  |
|                                 | Colombia   |
|                                 | ○ Comoros (the)  |
|                                 | <ul><li>Congo (the Democratic Republic of the)</li><li>Congo (the)[g]</li></ul>  |
|                                 | Cook Islands (the)   |
|                                 | Costa Rica   |
|                                 | Côte d'Ivoire[h]   |
|                                 | Croatia  |
|                                 | ○ Cuba   |
|                                 | ○ Curação ○ Cyprus   |
|                                 | ○ Czechia[i]   |
|                                 | O Denmark  |
|                                 | <ul> <li>Djibouti</li> </ul>   |
|                                 | O Dominica   |
|                                 | <ul><li>Dominican Republic (the)</li><li>Ecuador</li></ul>   |
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| <ul><li>Equatorial Guinea</li><li>Eritrea</li></ul>   |
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| Estonia  Eswatiai (i)   |
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| Falkland Islands (the) [Malvinas][k]  |
| Faroe Islands (the)   |
| Fiji  |
| Finland   |
| France[I]   |
| French Guiana   |
| French Polynesia  |
| French Southern Territories (the)[m]  |
| ○ Gabon   |
| ○ Gambia (the)  |
| ○ Georgia `   |
| Germany   |
| ○ Ghana   |
| <ul><li>○ Gibraltar</li></ul>   |
| ○ Greece  |
| ○ Greenland   |
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| Guam  |
| Guatemala   |
| Guernsey  |
| <ul><li>○ Guinea</li><li>○ Guinea-Bissau</li></ul>  |
|   |
| <ul><li>Guyana</li><li>Heard Island and McDonald Islands</li></ul>  |
| Holy See (the)[n]   |
| Honduras  |
| O Hong Kong   |
| Hungary   |
| ○ Iceland   |
| ◯ India   |
| ○ Indonesia   |
| ○ Iran (Islamic Republic of)  |
| ○ Iraq  |
| ○ Ireland   |
| ○ Isle of Man   |
| ○ Israel  |
| O Italy   |
| Jamaica   |
| Japan   |
| Jersey  |
| <ul><li>○ Jordan</li><li>○ Kazakhstan</li></ul>   |
| ○ Kenya   |
| Kiribati  |
| Korea (the Democratic People's Republic of)[o   |
| ○ Korea (the Republic of)[p]  |
| Kuwait  |
| Kyrgyzstan  |
| ○ Lao People's Democratic Republic (the)[q]   |
| ○ Latvia  |
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| ○ Lesotho   |
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| Ŭ Libya   |
| Libya Liechtenstein   |
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| <ul><li>○ Libya</li><li>○ Liechtenstein</li><li>○ Lithuania</li><li>○ Luxembourg</li></ul>  |
| <ul><li>○ Libya</li><li>○ Liechtenstein</li><li>○ Lithuania</li><li>○ Luxembourg</li><li>○ Macao[r]</li></ul>   |
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| Libya Liechtenstein Lithuania Luxembourg Macao[r] North Macedonia[s] Madagascar Malawi Malaysia Maldives  |
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|   | Marshall Islands (the)   |
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|   | Martinique   |
|   | Mauritania   |
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| =                                       | Mexico   |
|   | Micronesia (Federated States of)   |
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O New York 1b. For US residents, what State do you live in? Alabama AlaskaArizona Alaska Arkansas California Ocolorado Connecticut DelawareFlorida Georgia Hawaii Idaho ○ Illinois ○ Indiana O lowa KansasKentucky ○ Louisiana Maine Maryland Massachusetts Michigan Minnesota Mississippi
Missouri Montana NebraskaNevada New Hampshire New Jersey New Mexico O North Carolina North Dakota Ohio Oklahoma
Oregon Pennsylvania Rhode IslandSouth Carolina South Dakota Tennessee O Utah Vermont Virginia WashingtonWest Virginia Wisconsin Wyoming

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1c. Indian residents, what state do you live in?

 $\bigcirc$  IN-AP = Andhra Pradesh ○ IN-AR = Arunachal Pradesh ○ IN-AS = Assam ○ IN-BR = Bihar ○ IN-CT = Chhattisgarh ○ IN-GA = Goa ○ IN-GJ = Gujarat ○ IN-HR = Haryana ○ IN-HP = Himachal Pradesh ○ IN-JH = Jharkhand ○ IN-KA = Karnataka ○ IN-KL = Kerala ○ IN-MP = Madhya Pradesh ○ IN-MH = Maharashtra ○ IN-MN = Manipur ○ IN-ML = Meghalaya ○ IN-MZ = Mizoram ○ IN-NL = Nagaland ○ IN-OR = Odisha ○ IN-PB = Punjab ○ IN-RJ = Rajasthan ○ IN-SK = Sikkim ○ IN-TN = Tamil Nadu ○ IN-TG = Telangana ○ IN-TR = Tripura ○ IN-UT = Uttarakhand  $\bigcirc$  IN-UP = Uttar Pradesh ○ IN-WB = West Bengal IN-AN = Andaman and Nicobar Islands ○ IN-CH = Chandigarh ○ IN-DN = Dadra and Nagar Haveli ○ IN-DD = Daman and Diu Ō IN-DL = Delhi ◯ IN-JK = Jammu and Kashmir ○ IN-LA = Ladakh

○ IN-LD = Lakshadweep ○ IN-PY = Puducherry

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2. What country were you born in?

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Dye TD, et al. BMJ Open 2020; 10:e046620. doi: 10.1136/bmjopen-2020-046620

| <ul><li>Equatorial Guinea</li><li>Eritrea</li></ul>   |
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| Estonia  Eswatia [i]  |
| <ul><li>○ Eswatini[j]</li><li>○ Ethiopia</li></ul>  |
| Falkland Islands (the) [Malvinas][k]  |
| Faroe Islands (the)   |
| Fiji  |
| Finland   |
| France[I]   |
| French Guiana   |
| French Polynesia  |
| French Southern Territories (the)[m]  |
| ○ Gabon   |
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| Japan   |
| Jersey  |
| <ul><li>○ Jordan</li><li>○ Kazakhstan</li></ul>   |
| ○ Kenya   |
| Kiribati  |
| Korea (the Democratic People's Republic of)[o   |
| ○ Korea (the Republic of)[p]  |
| Kuwait  |
| Kyrgyzstan  |
| ○ Lao People's Democratic Republic (the)[q]   |
| ○ Latvia  |
| ○ Lebanon   |
| ○ Lesotho   |
| ○ Liberia   |
|   |
| Ŭ Libya   |
| Libya Liechtenstein   |
| Cibya Ciechtenstein Lithuania   |
| <ul><li>○ Libya</li><li>○ Liechtenstein</li><li>○ Lithuania</li><li>○ Luxembourg</li></ul>  |
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| Libya Liechtenstein Lithuania Luxembourg Macao[r] North Macedonia[s] Madagascar Malawi Malaysia Maldives  |
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|   | Mauritania   |
|   | Mauritius  |
| $\odot$                                 | Mayotte  |
| =                                       | Mexico   |
|   | Micronesia (Federated States of)   |
|   | Moldova (the Republic of)  |
| =                                       | Monaco<br>Monacolia  |
|   | Mongolia<br>Montopogra   |
|   | Montenegro<br>Montserrat   |
| $\sim$                                  | Morocco  |
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| _                                       | Namibia  |
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| $\circ$                                 | Niger (the)  |
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| $\overline{}$                           | Northern Mariana Islands (the)   |
| _                                       | Norway   |
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| $\sim$                                  | Pakistan   |
| $\overline{}$                           | Palau Palastina State of   |
| $\simeq$                                | Palestine, State of  |
| $\sim$                                  | Panama<br>Papua New Guinea   |
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|   | Philippines (the)  |
| Ŏ                                       | Pitcairn[u]  |
| Ó                                       | Poland   |
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| $\simeq$                                | Puerto Rico  |
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|   | Romania Pussian Federation (the)[v]  |
| =                                       | Russian Federation (the)[v]<br>Rwanda  |
|   | Saint Barthélemy   |
|   | Saint Helena   |
| $\sim$                                  | Ascension Island   |
|   | Tristan da Cunha   |
| Ó                                       | Saint Kitts and Nevis  |
| $\bigcirc$                              | Saint Lucia  |
|   | Saint Martin (French part)   |
| $\cap$                                  |  |
| $\cup$                                  | Saint Pierre and Miquelon  |
| Ó                                       | Saint Pierre and Miquelon Saint Vincent and the Grenadines   |
| 0                                       | Saint Pierre and Miquelon Saint Vincent and the Grenadines Samoa   |
| 000                                     | Saint Pierre and Miquelon Saint Vincent and the Grenadines Samoa San Marino  |
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|--|--|
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**Section 2: Health Attitudes** 

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| Each item below is a belief s   | tatement ab          | out your hea  | olth with which yo            | ou may agı | ree or         |
|---|----------------------|---------------|-------------------------------|------------|----------------|
| disagree. This is a measure   | of your perso        | onal beliefs; | there are no righ             | t or wrong | answers.       |
| Please tell us how strongly y   |                      |               |                               |            |                |
|   | Strongly<br>disagree | Disagree      | Neither disagree<br>nor agree | Agree      | Strongly agree |
| If I get sick, it is my own behavior which determines how soon I get well again.                | 0                    | 0             | 0                             | 0          | 0              |
| 2. No matter what I do, if I am going to get sick, I will get sick.                             | 0                    | 0             | 0                             | 0          | 0              |
| 3. Having regular contact with my physician is the best way for me to avoid illness.            | 0                    | 0             | 0                             | 0          | 0              |
| 4. Most things that affect my health happen to me by  | 0                    | 0             | 0                             | 0          | 0              |
| accident. 5. Whenever I don't feel well, I should consult a medically trained professional.     | 0                    | 0             | 0                             | 0          | 0              |
| 6. I am in control of my health.  | 0                    | $\circ$       | $\circ$                       | $\circ$    | $\circ$        |
| 7. My family has a lot to do with my becoming sick or staying healthy.                          | 0                    | 0             | 0                             | 0          | 0              |
| 8. When I get sick, I am to   | $\circ$              | $\circ$       | $\circ$                       | $\circ$    | $\circ$        |
| blame<br>9. Luck plays a big part in<br>determining how soon I will<br>recover from an illness. | 0                    | 0             | 0                             | 0          | 0              |
| 10. Health professionals control my health  | 0                    | 0             | 0                             | 0          | 0              |
| 11. My good health is largely a matter of good fortune.   | 0                    | 0             | 0                             | 0          | 0              |
| 12. The main thing which affects my health is what I myself do                                  | 0                    | 0             | 0                             | 0          | 0              |
| 13. If I take care of myself, I can avoid illness.  | 0                    | 0             | 0                             | 0          | 0              |

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can stay healthy.

to do.

18. Regarding my health, I can only do what my doctor tells me

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|--|---------|---------|---------|---------|---------|--|
|  |         |         |         |         | Page 16 |  |
| 14. Whenever I recover from an illness, its usually because other people (for example, doctors, nurses, family, friends) have been taking good care of me. | 0       | 0       | 0       | 0       | 0       |  |
| 15. No matter what I do, I'm likely to get sick.   | 0       | 0       | 0       | 0       | 0       |  |
| 16. If it's meant to be, I will stay healthy.  | 0       | 0       | 0       | 0       | 0       |  |
| 17. If I take the right actions, I   | $\circ$ | $\circ$ | $\circ$ | $\circ$ | $\circ$ |  |

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| Section 3 - Beliefs about Coronavirus                       |                  |                       |                       |  |  |
|---|------------------|-----------------------|-----------------------|--|--|
| 1. As far as you know, have p slow the spread of coronaviru | -                | recommended these act | ions as a way to help |  |  |
|   | Yes, recommended | No, not recommended   | Don't Know            |  |  |
| a. Frequent hand washing                                    | 0                | $\circ$               | $\circ$               |  |  |
| b. Boil water before drinking                               | $\circ$          | 0                     | 0                     |  |  |
| c. Healthy people wearing facemasks in public               | 0                | 0                     | 0                     |  |  |
| d. Avoiding gatherings with large numbers of people         | 0                | 0                     | 0                     |  |  |
| e. Using mosquito repellent                                 | $\circ$          | $\circ$               | $\circ$               |  |  |
| f. Staying home if you are feeling sick                     | 0                | 0                     | 0                     |  |  |
| g. Other recommendations                                    |                  |                       |                       |  |  |

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| 2. As far as you know, which of the following is a way that coronavirus is transmitted, or             |                           |                              |            |   |  |  |
|--|---------------------------|------------------------------|------------|---|--|--|
| spread?  |                           |                              |            |   |  |  |
|  | Yes, transmitted this way | No, not transmitted this way | Don't Know | _ |  |  |
| a. Being in close physical proximity with someone who is infected                                      | 0                         | 0                            | 0          |   |  |  |
| b. Touching surfaces that<br>contain small amounts of bodily<br>fluids from someone who is<br>infected | 0                         | 0                            | 0          |   |  |  |
| c. Through mosquito bites  | 0                         | 0                            | $\circ$    |   |  |  |
| d. Through genes/ genetics   | 0                         | 0                            | 0          |   |  |  |
| e. What other ways is coronavirus spread? Please explain.  | transmitted or            |                              |            | _ |  |  |

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|                                 | Yes, a symptom | No, not a symptom | Don't know |
|---------------------------------|----------------|-------------------|------------|
| a. Fever                        | 0              | $\circ$           | $\circ$    |
| b. Dry cough                    | $\circ$        | $\circ$           | $\circ$    |
| c. Vomiting                     | $\circ$        | $\circ$           | $\circ$    |
| d. Nasal congestion/ runny nose | $\bigcirc$     | $\circ$           | $\circ$    |
| e. Rash                         | 0              | 0                 | 0          |

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| 4. Do you think any of the gr   | oups below have a l | nigher risk of developir   | ng serious medical |  |
|---|---------------------|--|--------------------|--|
| issues if they become infecte   | d with coronavirus? |  |                    |  |
|   | Yes, higher risk    | No, not higher risk  | Don't know         |  |
| a. Children   | $\circ$             | $\circ$  | $\circ$            |  |
| b. Pregnant women   | 0                   | $\circ$  | $\circ$            |  |
| c. People with chronic health conditions  | 0                   | 0  | 0                  |  |
| d. People in their early 20s  | $\circ$             | $\circ$  | 0                  |  |
| e. People with obesity  | 0                   | $\circ$  | $\circ$            |  |
| f. People over 60   | 0                   | 0  | 0                  |  |
| 5. As far as you know, is there a vac<br>people from the current coronavirus<br>COVID-19, or not?                 |                     | ○ Yes ○ No ○ D   | on't know          |  |
| 6. As far as you know, does the vac<br>or seasonal flu, protect people from<br>coronavirus, also known as COVID-1 | the current         | ○ Yes ○ No ○ D   | on't know          |  |
| 7. As far as you know, if someone thinks they are having symptoms of coronavirus, what should they do?            |                     | <ul> <li>Stay home and call a doctor or medical provider</li> <li>Seek health care immediately at an emergency roor or urgent care facility</li> <li>Something else</li> <li>Don't Know</li> </ul> |                    |  |
| 7a. Something else, please explain  |                     |  |                    |  |

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| Section 4 - Health Concerns and Experience  |  |
|---|--|
| Do you feel you have enough information about how to protect yourself and your family from coronavirus?             | ○ Yes ○ No ○ Don't Know  |
| 2. What, if anything, are you doing to protect yourself and your family from coronavirus?                           |  |
| 3. Do you feel that worry or stress related to coronavirus has had a negative impact on your mental health, or not? | <ul><li>Yes- major impact</li><li>Yes - minor impact</li><li>No</li><li>Don't Know</li></ul> |
| 3b. Please explain:   |  |

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| q4. How effective do you feel each of the followi coronavirus and COVID-19?                          | ng groups have been in taking action against   |
|--|--|
| a. The healthcare system (including hospitals, clinics, doctors, nurses, and other health providers) | <ul><li>○ Not effective at all</li><li>○ Not very effective</li><li>○ Somewhat effective</li><li>○ Very effective</li></ul>      |
| a. Please explain:   |  |
| b. Science (including researchers and analysts)  | <ul> <li>○ Not effective at all</li> <li>○ Not very effective</li> <li>○ Somewhat effective</li> <li>○ Very effective</li> </ul> |
| b. Please explain:   |  |
| c. The government (including local and national governments)   | <ul><li>○ Not effective at all</li><li>○ Not very effective</li><li>○ Somewhat effective</li><li>○ Very effective</li></ul>      |
| c. Please explain:   |  |
| d. The educational system (including primary schools, secondary schools, and universities)           | <ul><li>○ Not effective at all</li><li>○ Not very effective</li><li>○ Somewhat effective</li><li>○ Very effective</li></ul>      |
| d. Please explain:   |  |
| e. Local shops and services (including stores, supermarkets, restaurants)                            | <ul> <li>○ Not effective at all</li> <li>○ Not very effective</li> <li>○ Somewhat effective</li> <li>○ Very effective</li> </ul> |
| e. Please explain:   |  |
| f. Industry (including large employers, factories, manufacterers)                                    | <ul> <li>○ Not effective at all</li> <li>○ Not very effective</li> <li>○ Somewhat effective</li> <li>○ Very effective</li> </ul> |
| f. Please explain:   |  |
|  |  |
|  |  |

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| $\cap$ | ntıa | lential |  |
|        |      |         |  |

|   |   | Page 23 |
|---|---|---------|
| g. The press (including reporters, newspapers, television and visual media) | <ul><li>Not effective at all</li><li>Not very effective</li><li>Somewhat effective</li><li>Very effective</li></ul>         |         |
| g. Please explain:  |   |         |
| h. Social media platforms   | <ul><li>○ Not effective at all</li><li>○ Not very effective</li><li>○ Somewhat effective</li><li>○ Very effective</li></ul> |         |
| h. Please explain:  |   |         |

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| 5. How worried, if at all, are   | you about ea     | ch of the fol       | lowing items?                                  |                    |            |   |
|--|------------------|---------------------|--|--------------------|------------|---|
|  | Very worried     | Somewhat<br>worried | Not too worried                                | Not at all worried | Don't Know |   |
| a. You or someone in your family will get sick from the coronavirus  | 0                | 0                   | 0  | 0                  | 0          |   |
| b. You will lose income due to a<br>workplace closure or reduced<br>hours because of coronavirus                         | 0                | 0                   | 0  | 0                  | 0          |   |
| c. That you will become sick with<br>Lyme Disease  | 0                | 0                   | 0  | 0                  | 0          |   |
| d. Your investments such as retirement or college savings will be negatively impacted by coronavirus                     | 0                | 0                   | 0  | 0                  | 0          |   |
| e. That you will become sick with dengue   | 0                | 0                   | 0  | 0                  | 0          |   |
| f. You will put yourself at risk of<br>exposure to coronavirus because<br>you can't afford to stay home<br>and miss work | 0                | 0                   | 0  | 0                  | 0          |   |
| g. You will not be able to afford<br>testing or treatment for<br>coronavirus if you need it                              | 0                | 0                   | 0  | 0                  | 0          |   |
| h. Worried about something else, p   | lease explain    |                     |  |                    |            | _ |
|  |                  | -                   |  |                    |            |   |
| 5b. How much, if at all, has your lif<br>by the coronavirus outbreak?  | e been disrupted |                     | A lot Some Just a little Not at all Don't Know |                    |            |   |
| 5b. Please explain how much, if at been disrupted by the coronavirus   |                  | _                   |  |                    |            | _ |
|  |                  |                     |  |                    |            |   |

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| 6. Please tell us if you have taken any of the following actions because of the recent |                  |    |            |  |
|--|------------------|----|------------|--|
| coronavirus outbreak.  |                  |    |            |  |
|  | Yes              | No | Don't Know |  |
| a. Decided not to travel or changed travel plans                                       | 0                | 0  | 0          |  |
| b. Bought or worn a protective mask  | 0                | 0  | 0          |  |
| c. Stocked up on items such as food and household supplies                             | 0                | 0  | 0          |  |
| d. Postponed or canceled health care visits  | 0                | 0  | 0          |  |
| e. Got extra refills on prescription medication  | 0                | 0  | 0          |  |
| f. Stayed home instead of going to work school, or other regular activities            | 0                | 0  | 0          |  |
| g. Postponed or canceled a medical procedure or surgery                                | 0                | 0  | 0          |  |
| h. Canceled plans to attend large<br>gatherings such as concerts or<br>sporting events | 0                | 0  | 0          |  |
| i. Quit my job   | 0                | 0  | 0          |  |
| 6b. Please share any explanation or de like of the items above:                        | etails you would |    |            |  |

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| 7. Have you experienced any of the following b   | ecause of coronavirus?  |
|--|---|
| a. Lost income from a job or business  | ○ Yes<br>○ No<br>○ Don't Know   |
| . Lost income from a job or business, please explain   |   |
| 7b. Been unable to get groceries   | <ul><li>Yes</li><li>No</li><li>Don't Know</li></ul>   |
| o. Been unable to get groceries, please explain  |   |
| 7c. Been unable to get cleaning supplies or hand sanitizer   | <ul><li>Yes</li><li>No</li><li>Don't Know</li></ul>   |
| 7c. Been unable to get cleaning supplies or hand sanitizer, please explain   |   |
| 7d. Been unable to get prescription medication   | <ul><li>Yes</li><li>No</li><li>Don't Know</li></ul>   |
| d. Been unable to get prescription medication, please explain  |   |
| 7e. Have you or a family member been harassed,<br>bullied, or hurt because of coronavirus  | <ul><li>Yes</li><li>No</li><li>Don't Know</li></ul>   |
| 7e. Been harassed, bullied, or hurt because of coronavirus, please explain.  |   |
| 8. How closely are you following social or physical distancing, that is, staying at home, away from other people whenever you can, or staying away from other people when in a public place? | <ul><li>○ Very closely</li><li>○ Somewhat closely</li><li>○ Not very closely</li><li>○ Not closely at all</li></ul> |
| Please tell us more about your thoughts and experiences of social or physical distancing: (open ended)   | -   |
| 9. Have you personally been tested for coronavirus, or not?  | <ul><li>○ Yes, have been tested</li><li>○ No, have not been tested</li><li>○ Don't Know</li></ul>                   |

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|---|--|---------|
| 9a. Among those tested: what was the result of the test for coronavirus?  | <ul><li>Test was positive</li><li>Test was negative</li><li>I don't know yet</li></ul>           |         |
| 10. Among those not tested: Have you tried to get tested for coronavirus, or not?   | <ul><li>Yes</li><li>No</li><li>Don't Know</li></ul>  |         |
| 11. Among those not tested: Do you think you would be able to get a test for coronavirus if you thought you needed one, or not? | <ul><li>Yes</li><li>No</li><li>Don't Know</li></ul>  |         |
| 11. Please explain where you think you would be able to get a test for coronavirus if you thought you needed one.               |  |         |
| 11. Please explain why you don't think you would be able to get a test for coronavirus if you thought you needed one.           |  |         |
| 12. Do you feel you now have - or have you recently had - coronavirus infection?  | <ul><li>Yes</li><li>No</li><li>Don't Know</li></ul>  |         |
| Please explain why you feel you now have - or have you recently had - coronavirus infection?                                    |  |         |
| 13. If there was a vaccine that prevented people from getting sick from coronavirus, would you get the vaccine?                 | <ul><li>Yes</li><li>No</li><li>Don't Know</li></ul>  |         |
| Please explain why you would get the vaccine if there was one available?  |  |         |
| Please explain why you would not get the vaccine if there was one available?  |  |         |
| Please explain why you don't know if you would get the vaccine if there was one available?                                      |  |         |
| 14. Do you personally know someone who has coronavirus infection (or COVID-19) check all that apply?                            | ☐ Yes, a family member ☐ Yes, a friend ☐ Yes, a neighbor ☐ Yes, someone else ☐ No ☐ I don't know |         |
| 15. Do you personally know someone who has died from coronavirus infection (or COVID-19) check all that apply?                  | ☐ Yes, a family member ☐ Yes, a friend ☐ Yes, a neighbor ☐ Yes, someone else ☐ No ☐ I don't know |         |

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| L             | v | ,, |   | ıu     |                       |   | L   | $\boldsymbol{u}$ |   |

|  |  | raye 20 |
|--|--|---------|
| 16. Do people talk badly or gossip about other people who are living with, have had, or are thought to have coronavirus infection (or COVID-19)? | <ul> <li>Definitely yes</li> <li>Probably yes</li> <li>Probably not</li> <li>Definitely not</li> <li>I don't know</li> </ul> |         |
| 17. Do people who have had coronavirus infection (or COVID-19) lose respect or status in the community?  | <ul><li>Definitely yes</li><li>Probably yes</li><li>Probably not</li><li>Definitely not</li><li>I don't know</li></ul>       |         |

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| Section 5 -Household Questions  |  |
|---|--|
| 1. Do you own a car?  | <ul><li>Yes</li><li>No</li><li>Choose not to answer</li></ul>  |
| 2. Do you own a home?   | <ul><li>Yes</li><li>No</li><li>Choose not to answer</li></ul>  |
| 3. Are you the parent or guardian of any child under the age of 18 living in your household?  | <ul><li>Yes</li><li>No</li><li>Don't Know</li></ul>  |
| 4. Has your child's school or daycare been closed for any length of time as a result of coronavirus, or not?  | <ul><li>Yes</li><li>No</li><li>Don't Know</li></ul>  |
| 5. If your child's school or daycare is/was closed for two weeks or more due to coronavirus, how difficult, if at all, has it been/would it be for you to find alternative childcare? | <ul><li>Very Difficult</li><li>Somewhat Difficult</li><li>Not too Difficult</li><li>Not at all Difficult</li></ul> |
| 6. If you were required to remain at home because of quarantine or school or work closure, would you be able to do at least part of your job from home, or not?                       | <ul><li>Yes</li><li>No</li><li>Not applicable</li><li>Don't know</li></ul>   |
| 6. Please explain how you would you be able to do at least part of your job from home   |  |
| 6. Please explain why you wouldn't be able to do at least part of your job from home  |  |
| 7. Do you or anyone in your household work in a health care delivery setting, such as a doctor's office, clinic, hospital, nursing home, or dentist's office? (check all that apply)  | ☐ Yes, me ☐ Yes, someone in my household ☐ No, no one ☐ Don't know   |
| 8. How many children under age 18 currently live in your household?   |  |
| 9. How many adults, age 18 and over, currently live in your household including yourself?   |  |
| 10. Are you responsible for taking care of children?  | <ul><li>Yes</li><li>No</li><li>Don't Know</li></ul>  |

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|--|---|---------|
| 11. Are you responsible for taking care of any elderly people? | <ul><li>○ Yes</li><li>○ No</li><li>○ Don't Know</li></ul> |         |

Please tell us about your social support system (friends, family, neighbors):

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| Section 6: Stress in the past month  |                |              |           |              |            |
|--|----------------|--------------|-----------|--------------|------------|
|  |                |              |           |              |            |
| 1. In the last month, how often have you been upset because of something that happened unexpectedly?                 | Never          | Almost never | Sometimes | Fairly often | Very often |
| 2. In the last month, how often have you felt that you were unable to control the important things in your life?     | 0              | 0            | 0         | 0            | 0          |
| 3. In the last month, how often have you felt nervous and "stressed"?  | 0              | 0            | 0         | 0            | 0          |
| 4. In the last month, how often have you felt confident about your ability to handle your personal problems?         | 0              | 0            | 0         | 0            | 0          |
| 5. In the last month, how often have you felt that things were going your way?                                       | 0              | 0            | 0         | 0            | 0          |
| 6. In the last month, how often have you found that you could not cope with all the things that you had to do?       | 0              | 0            | 0         | 0            | 0          |
| 7. In the last month, how often have you been able to control irritations in your life?                              | 0              | 0            | 0         | 0            | 0          |
| 8. In the last month, how often have you felt that you were on top of things?  | 0              | 0            | 0         | 0            | 0          |
| 9. In the last month, how often have you been angered because of things that were outside of your control?           | 0              | 0            | 0         | 0            | 0          |
| 10. In the last month, how often have you felt difficulties were piling up so high that you could not overcome them? | 0              | 0            | 0         | 0            | 0          |
| 11. Please tell us about your feeling the past month:  | s of stress ov | er           |           |              |            |

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| Section 7 - Social support  |                              |                      |                    |         |                 |                   |                           |
|---|------------------------------|----------------------|--------------------|---------|-----------------|-------------------|---------------------------|
|   | Very<br>Strongly<br>Disagree | Strongly<br>Disagree | Mildly<br>Disagree | Neutral | Mildly<br>Agree | Strongly<br>Agree | Very<br>Strongly<br>Agree |
| 1. There is a special person who is around when I am in need.           | 0                            | 0                    | 0                  | 0       | 0               | 0                 | 0                         |
| 2. There is a special person with whom I can share my joys and sorrows. | 0                            | 0                    | 0                  | 0       | 0               | 0                 | 0                         |
| 3. My family really tries to help me.                                   | 0                            | 0                    | 0                  | 0       | 0               | 0                 | $\circ$                   |
| 4. I get the emotional help and support I need from my family.          | 0                            | 0                    | 0                  | 0       | 0               | 0                 | 0                         |
| 5. I have a special person who is a real source of comfort to me.       | 0                            | 0                    | 0                  | 0       | 0               | 0                 | $\circ$                   |
| 6. My friends really try to help me.                                    | 0                            | 0                    | 0                  | 0       | 0               | 0                 | 0                         |
| 7. I can count on my friends when things go wrong.                      | 0                            | 0                    | 0                  | 0       | 0               | 0                 | $\circ$                   |
| 8. I can talk about my problems with my family.                         | 0                            | 0                    | 0                  | 0       | 0               | 0                 | 0                         |
| 9. I have friends with whom I can share my joys and sorrows.            | 0                            | 0                    | 0                  | 0       | 0               | 0                 | 0                         |
| 10. There is a special person in my life who cares about my feelings.   | 0                            | 0                    | 0                  | 0       | 0               | 0                 | 0                         |
| 11. My family is willing to help me make decisions.                     | 0                            | 0                    | 0                  | 0       | 0               | 0                 | 0                         |
| 12. I can talk about my problems with my friends.                       | 0                            | 0                    | 0                  | 0       | 0               | 0                 | 0                         |

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| Section 8: Health Questions  |  |
|--|--|
| 1. Would you say in general your health is   | <ul><li>Excellent</li><li>Very good</li><li>Good</li><li>Fair</li><li>Poor</li></ul>                         |
| 2. Now thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?                       | (number of days)   |
| 3. Now thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health not good?        | (number of days)   |
| 4. During the past 30 days, for about how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work, or recreation?                  | (number of days)   |
| 5. Was there a time in the past 12 months when you needed to get health care (for example, see a doctor) but could not because of cost?  | <ul><li>Yes</li><li>No</li><li>Don't Know</li></ul>  |
| 6. Do you or does someone in your household have a<br>serious health condition such as high blood pressure,<br>heart disease, lung disease, cancer, or diabetes?<br>(check all that apply) | ☐ Yes, I do<br>☐ Yes, someone else in my household does<br>☐ No, no one does<br>☐ I don't know               |
| 7. Which of the following apply to you (check all that apply):   | ☐ I am currently pregnant☐ My partner is currently pregnant☐ Neither my partner nor I are currently pregnant |
| 8. Would you like to become pregnant or have a child in the next year?   |  |

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| Section 9: Social Media   |              |                         |                          |              |             |  |
|---|--------------|-------------------------|--------------------------|--------------|-------------|--|
| 1. Which of the following so  | cial media p | latforms do yo          | u use? (Check            | best respons | e for each) |  |
|   | use daily    | a few times per<br>week | a few times per<br>month | rarely use   | never use   |  |
| a. Facebook   | $\circ$      | $\circ$                 | $\circ$                  | $\bigcirc$   | $\circ$     |  |
| b. Twitter  | $\circ$      | $\circ$                 | $\circ$                  | $\circ$      | $\circ$     |  |
| c. LinkedIn   | $\circ$      | $\circ$                 | $\circ$                  | $\circ$      | $\circ$     |  |
| d. Instagram  | $\circ$      | $\circ$                 | $\circ$                  | $\circ$      | $\circ$     |  |
| e. WhatsApp   | $\circ$      | $\circ$                 | $\circ$                  | $\circ$      | $\circ$     |  |
| f. Snapchat   | $\circ$      | $\circ$                 | $\circ$                  | $\circ$      | $\circ$     |  |
| g. Reddit   | 0            | 0                       | 0                        | 0            | 0           |  |
| 2. How has your social media use changed since the coronavirus pandemic started?  O Use social media a lot more O Use social media a bit more O Don't use social media more at all O Don't know |              |                         |                          |              |             |  |
| 2b. Please explain how your social changed since the coronavirus pan  |              |                         |                          |              |             |  |

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| Section 10: Demographic Questions  |  |
|--|--|
| 1. What is your current age, in years?   |  |
| 2. How would you describe your ethnic background?  |  |
| 4. Do you consider yourself any of the following?<br>(check all that apply)  | ☐ Mexican ☐ Puerto Rican ☐ Cuban   |
| 4a. If you consider yourself part of another<br>Hispanic/Latinx ethnicity other than those listed<br>above, please describe: |  |
| 4b. I do not consider myself Hispanic or Latinx  | <ul><li>○ True</li><li>○ False</li></ul>   |
| 5. What best describes your education?   | <ul> <li>Did not complete high school</li> <li>Completed secondary education, high school, or GED</li> <li>Attended university/college but did not complete it</li> <li>Graduated from university/college</li> <li>Degree beyond university/college (MA, PhD, MD, etc.)</li> </ul> |

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| a. Christian   | 6. What is your present religion   |                              |  |                      |
|--|--|------------------------------|--|----------------------|
| b. Jewish (Judaism)  |  |                              |  | Choose not to answer |
| C. Muslim  d. Buddhist e. Hindu  G. Atheist (do not believe in God) G. Other Religion, please specify  7. If you live in the USA, please identify race/ethnicity (check all that apply)  7. If you live in the USA, please identify race/ethnicity (check all that apply)  7. You selected other, please specify other race/ethnicity  7. Which of the following categories do you identify as?  7. You selected other, please specify other race/ethnicity  7. Which of the following categories do you identify as?  8. Hearing/non-deaf Hard of hearing Hearing/non-deaf: Person with no hearing loss; deaf: Person that has hearing loss; hear? Person that has hearing loss; hear? Person that has hearing loss; hear? Person with some hearing loss; hear in the please with the person with a combination of hearing loss and ilmited-to-no vision.  9. Which of the following best describes your gender:  9. Which of the following best describes your gender, please explain:    Straight   Gay   Lesbian   |  | _                            |  |                      |
| d. Buddhist  | b. Jewish (Judaism)  | 0                            | 0  | 0                    |
| e. Hindu   | c. Muslim  | 0                            | $\circ$  | 0                    |
| Atheist (do not believe in God)  G. Other  D. Other  D. Don't Know  G. Other Religion, please specify  G. If you live in the USA, please identify race/ethnicity (check all that apply)  G. If you live in the USA, please identify race/ethnicity (check all that apply)  G. Asian   Black or African American   Native Hawaiian   Pacific Islander   Caucasian   Other  G. You selected other, please specify other race/ethnicity  G. Which of the following categories do you identify as?  G. Which of the following categories do you identify   Hearing/non-deaf   Hard of hearing   Deaf   Deaf   Deaf   Glowing definitions.  G. Which of the following best describes your gender:  G. Which of the following best describes your gender:  G. Which of the following best describes your gender:  G. Wale  G. Wal | d. Buddhist  | $\circ$                      | $\circ$  | $\circ$              |
| f. Atheist (do not believe in God)   | e. Hindu   | 0                            | 0  | 0                    |
| g. Other   |  | $\circ$                      | $\circ$  |                      |
| h. Don't Know  | ,  | _                            | •  | _                    |
| 6g. Other Religion, please specify    American Indian or Alaskan   Asian   Asi | •  | _                            | _  |                      |
| 7. If you live in the USA, please identify race/ethnicity (check all that apply)    American Indian or Alaskan   Asian   Black or African American   Native Hawaiian   Pacific Islander   Caucasian   Other  | n. Don't know  | O                            | O  | O                    |
| Asian   Asian   Asian   Black or African American   Native Hawaiian   Pacific Islander   Caucasian   Other    7. You selected other, please specify other race/ethnicity   Hearing/non-deaf   Hard of hearing   Deaf   Deaf    For the purposes of this study, please use the following definitions.   Deaf   Deaf    Hearing/non-deaf: Person with no hearing loss;   Hearing/non-deaf: Person with some hearing loss;   Hearing/non-deaf: Person with some hearing loss;   Deaf: Person that has hearing loss and identifies with   Deaf culture;   Deaf Blind: Person with a combination of hearing loss and limited-to-no vision.    9. Which of the following best describes your gender:   Male   Female   Other option    49. You selected other option to describe your gender, please explain:    10. Do you think of yourself as (check all that   Gay   Lesbian   Black or African American   Native Hawaiian   Pacific Islander   Caucasian   Other    Hearing/non-deaf   Hard of hearing   Deaf   Deaf Deaf   Deaf Deaf   Deaf Deaf   Deaf Blind   Deaf Blind   Deaf Deaf   Deaf Deaf Deaf Deaf   Deaf Deaf Deaf   Deaf Deaf Deaf Deaf   Deaf Deaf Deaf Deaf   Deaf Deaf Deaf Deaf   Deaf Deaf Deaf Deaf   Deaf Deaf Deaf Deaf Deaf   Deaf Deaf Deaf Deaf Deaf Deaf Deaf Deaf   | 5g. Other Religion, please specify   |                              |  |                      |
| Native Hawaiian   Pacific Islander   Caucasian   Other   |  |                              | Asian  |                      |
| 7. Which of the following categories do you identify as?  For the purposes of this study, please use the following definitions.  Hearing/non-deaf: Person with no hearing loss; Hard of hearing: Person with some hearing loss; Deaf: Person that has hearing loss; Deaf: Person that has hearing loss and identifies with Deaf culture; DeafBlind: Person with a combination of hearing loss and limited-to-no vision.  9. Which of the following best describes your gender:  Male Female Other option  9. You selected other option to describe your gender, please explain:  |  |                              | ☐ Native Hawaiian<br>☐ Pacific Islander<br>☐ Caucasian | erican               |
| Hard of hearing deaf For the purposes of this study, please use the following definitions.  Hearing/non-deaf: Person with no hearing loss; Hard of hearing: Person with some hearing loss; deaf: Person that has hearing loss; Deaf: Person that has hearing loss and identifies with Deaf culture; DeafBlind: Person with a combination of hearing loss and limited-to-no vision.  9. Which of the following best describes your gender:  9. Which of the following best describes your gender; Male Female Other option  10. Do you think of yourself as (check all that apply):    Gay   Gay   Bisexual   Bisexual   Bisexual   Transgender   |  | her                          |  |                      |
| For the purposes of this study, please use the following definitions.  Hearing/non-deaf: Person with no hearing loss; Hard of hearing: Person with some hearing loss; deaf: Person that has hearing loss; Deaf: Person that has hearing loss and identifies with Deaf culture; DeafBlind: Person with a combination of hearing loss and limited-to-no vision.  9. Which of the following best describes your gender:    Male   Female     Other option   |  | you identify                 | <ul><li>Hard of hearing</li></ul>                      |                      |
| Hard of hearing: Person with some hearing loss; deaf: Person that has hearing loss; Deaf: Person that has hearing loss and identifies with Deaf culture; DeafBlind: Person with a combination of hearing loss and limited-to-no vision.  9. Which of the following best describes your gender:  9. You selected other option to describe your gender, please explain:  10. Do you think of yourself as (check all that apply):  11. Do you think of yourself as (check all that apply):  12. Straight apply:  13. Gay  14. Lesbian  15. Bisexual  16. Transgender  | For the purposes of this study, please u following definitions.  | se the                       |  |                      |
| ☐ Female ☐ Other option ☐ Other Other Other Other Other ☐ Other Other Other Other ☐ Other Other ☐ Other Other ☐ Other ☐ Other Other ☐ Ot  | Hard of hearing: Person with some hear<br>deaf: Person that has hearing loss;<br>Deaf: Person that has hearing loss and<br>Deaf culture;<br>DeafBlind: Person with a combination o | ing loss;<br>identifies with |  |                      |
| 10. Do you think of yourself as (check all that Straight apply):    Gay   Lesbian   Bisexual   Transgender   | 9. Which of the following best describes   | s your gender:               | <ul><li>Female</li></ul>                               |                      |
| apply): Gay  Lesbian  Bisexual  Transgender  | q9. You selected other option to describ<br>please explain:  | pe your gender,              |  |                      |
| apply): Gay  Lesbian  Bisexual  Transgender  | 10. Do you think of yourself as (shock a   | II that                      | ☐ Straight   |                      |
|  |  | ii tilat                     | Gay Lesbian Bisexual Transgender                       |                      |
| 12/04/2020 9:11am projectredcap.org <b>REDO</b>  |  |                              | ☐ Bisexual<br>☐ Transgender<br>☐ Not listed above      | ectredcap.org        |

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10a. Not listed above, please state

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| Section 11: Final Question   |  |
|--|--|
| Please share any additional thoughts about coronavirus and COVID-19 that you might have: |  |

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| Section 12: Survey Quality   |  |
|--|--|
| We would now like to ask you a few questions abyou have specific questions you would like to point the text field.   | -  |
| 1. In general, the questions in this survey were "understandable." That is, you did not have to read the item more than once to understand what it was asking. | <ul> <li>Strongly Disagree</li> <li>Disagree</li> <li>Neither disagree nor agree</li> <li>Agree</li> <li>Strongly agree</li> </ul>     |
| 2. Were there any specific questions that were particularly difficult to understand? If yes, please specify (as best you can)                                  |  |
| 3. In general, the meaning of the questions were clear and straightforward   | <ul><li>○ Strongly Disagree</li><li>○ Disagree</li><li>○ Neither disagree nor agree</li><li>○ Agree</li><li>○ Strongly agree</li></ul> |
| 4. Were there any specific questions that the meaning was unclear? If yes, please specify (as best you can)  | ○ Yes ○ No   |
| 4a. If yes, please specify (as best you can)   |  |
| 5. The scales used to answer the questions were adequate. That is, do you feel the scale provided you with an appropriate way to respond?                      | <ul> <li>Strongly Disagree</li> <li>Disagree</li> <li>Neither disagree nor agree</li> <li>Agree</li> <li>Strongly agree</li> </ul>     |
| 6. In your opinion, were any of the questions written in such a way that there was ONLY one OBVIOUS answer for you?  | ○ Yes<br>○ No  |
| 6b. Please explain:  |  |
|  |  |
| Any other comments you wish to make about this study   |  |
|  | ( )  |
| For more information about coronavirus and COVID-19, pleas   | e visit  |
| https://www.cdc.gov/coronavirus/2019-ncov/index.html   |  |
| https://www.cdc.gov/   |  |
| https://www.who.int/   |  |
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