

English

Consent and Screener

Food access and food security during COVID-19

This study is being conducted to understand how the COVID-19 (coronavirus) outbreak affects food buying and food access. This information will be used to inform policymakers and COVID-19 responses as they relate to food security. The survey will take approximately 20 minutes.

To begin, please read the consent form below.

Study Title: Food access and food security in Arizona since the Coronavirus outbreak

Principal Investigator: Francesco Acciai

IRB No.: STUDY00011927

Thank you for your interest in taking our survey. You are invited to take part in a study to understand household experiences with getting food during the coronavirus (COVID-19) outbreak. We will use the information you provide to inform policy actions and provide a better understanding of how to improve food access during this time. We will ask you about your and your household's experience getting food during the coronavirus outbreak.

- If you agree to participate, we will ask you to take an online survey. The survey should take about 15-20 minutes to complete.
- You do not have to join, it is your choice. There will be no penalty if you decide not to participate in this study.
- You do not have to answer any questions that you would prefer not to answer and you may stop taking the survey at any time.
- Your responses will be kept confidential. Your responses will be stored on a password-protected computer. Your contact information and any other personally identifying information will be kept separate from your responses to this survey, and we will never share any identifying information.
- Taking this survey is not likely to create any significant risk for you.
- Some of the questions, such as those about getting enough food, may upset or worry you. We will share links to resources about mental health and about support for getting food. You will see these resources whether you decide to take the survey or not.
- You may feel satisfaction from sharing your knowledge and experience in this study. Additionally, sharing your knowledge and experience may help inform policymakers' and charitable food assistance organizations' responses to the coronavirus outbreak. The information you provide will also help to inform better preparedness for future events like coronavirus or natural disasters.
- If you complete the survey, you will receive points directly from Qualtrics. In addition, you will be entered in a raffle to receive one of 30, \$50 gift cards to a **grocery store**. Qualtrics will electronically deliver the gift cards to the winners.

If you have any questions concerning the research study, please contact Dr. Francesco Acciai (<u>facciai@asu.edu</u>). If you have any questions about your rights as a subject/participant in this research, or if you feel you have been placed at risk, you can

contact the Chair of the Human Subjects Institutional Review Board, through the ASU Office of Research Integrity and Assurance, at (480) 965-6788. If you agree to participate in this research, please click "yes" below to begin taking the survey. Clicking "yes" on this form means that you have reviewed the information in this form, you have had a chance to ask questions, and you agree to join the study.
) Yes
O No
Consent and Screener AZ
To find out if you are eligible to take this survey, please answer the following
<u>questions:</u>
Have you lived in Arizona since at least January 1st, 2020?
) Yes
O No
Consent and Screener Age
Please select your age group:
Company of the second of the s

O 35-54 years old
O 55 years and older
Consent and Screener rest
Which of the following best describes your gender identity? Check all that apply:
 Male Female Transgender Non-binary Prefer to self-describe
Are you of Hispanic, Latino, or Spanish origin? O Yes O No
What is your race? Check all that apply:

Qualtrics Survey Software

7/10/2020

O 18-34 years old

Asian
☐ Black or African American
☐ Native American
☐ White
Other:
What is the highest level of education you have completed?
O Some high school (no diploma)
O High school graduate (including GED)
O Some college (no degree)
O Associates degree / technical school / apprenticeship
O Bachelor's degree
O Postgraduate (e.g., Master's, PhD) / professional degree (e.g., JD)
Which of the following best describes your household income range in 2019 before taxes?
O Less than \$10,000 per year
O \$10,000-\$24,999 per year
O \$25,000-\$49,999 per year
O \$50,000-\$74,999 per year
O \$75,000-\$99,999 per year

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More than \$100,000 per year

General Food Access (part 1 of 5)

General Food Access (part 1 of 5)

In this survey we will refer to "since the COVID-19 outbreak" in many questions. We are using March 11th as a start date for the COVID-19 outbreak. While it had been building for some time, that was the date the World Health Organization declared that the outbreak was a pandemic. When we ask about "the year before the COVID-19 outbreak," we mean March 11, 2019 to March 10, 2020.

Which of the following places did your household use to get food in the year before the COVID-19 outbreak and since the COVID-19 outbreak (March 11th)? Check all that apply.

Since the COVID-19 outbreak (March In the year before the COVID-19 outbreak 11th) Did not get food here Store: Grocery store, supermarket, large bulk stores

	In the year before the COVID-19 outbreak	Since the COVID-19 outbreak (March 11th)	Did not get food here
Store: Convenience store, corner store			
Store: Specialty store (ethnic market, co- op, health food store)			
Delivery: Grocery (like Amazon or Instacart)			
Delivery: Meal-kit (like Blue Apron)			
	In the year before the COVID-19 outbreak	Since the COVID-19 outbreak (March 11th)	Did not get food here
Delivery: Meals on Wheels			
Restaurant: To go (delivery, take-out, curbside pickup)			
Restaurant or cafeteria - eat-in			
Programs that give food (such as food pantry, school food)			
Meals served in group setting like senior center, church, or synagogue			
	In the year before the COVID-19 outbreak	Since the COVID-19 outbreak (March 11th)	Did not get food here

	In the year before the COVID-19 outbreak	Since the COVID-19 outbreak (March 11th)	Did not get food here
Local: Farmers' market			
Local: Direct from farm: (Community Supported Agriculture (CSA), farm stand pickup / delivery)			
Local: Garden, fishing, foraging, hunting, or using my own canned goods			
Other (please specify below if selected)			
	In the year before the COVID-19 outbreak	Since the COVID-19 outbreak (March 11th)	Did not get food here

Enter any additional places you get food:

	In the year before the COVID-19 outbreak	Since the COVID-19 outbreak (March 11th)
Enter any additional		
places you get food:		

How true are these statements about your household's food situation in the year before the COVID-19 outbreak and since the COVID-19 outbreak on March 11th?

	In the year before the COVID-19 outbreak	Since the COVID-19 outbreak (March 11th)
The food that my household bought just didn't last, and I/we didn't have money to get more	~	~
I/we couldn't afford to eat balanced meals	~	

How true are these statements about your household's food situation in the year before the COVID-19 outbreak and since the COVID-19 outbreak on March 11th?

	In the year before the COVID-19 outbreak	Since the COVID- 19 outbreak (March 11th)
Did you or other adults in your household ever cut the size of your meals or skip meals because there wasn't enough money for food?	~	~
Did you ever eat less than you felt you should because there wasn't enough money for food?	~	~
Were you ever hungry but didn't eat because there wasn't enough money for food?	~	~

How often did you cut the size of your meals or skip meals?

	In the year before the COVID-19 outbreak	Since the COVID-19 outbreak (I
How often did this happen?	~	

Which of the following food assistance programs did your household use in the year prior to the COVID-19 outbreak, if any, and since the COVID-19 outbreak (March 11)? Check all that apply (if none, leave blank).

	Used in the year before the COVID-19 outbreak	Used since the COVID-19 outbreak (March 11th)	Did not use this program
SNAP or Food Stamps (including pandemic-EBT or P- EBT)			
WIC (Women, Infant, and Children's Program)			
School Meal Program (Lunch, Breakfast, or Summer meals)			
Food pantry / Food bank			

	Used in the year before the COVID-19 outbreak	Used since the COVID-19 outbreak (March 11th)	Did not use this program
Other food assistance program (Commodity Supplemental Food program, Meals on Wheels, or other)			

Enter any additional food assistance programs:

	Used in the year before the COVID-19 outbreak	Used since the COVID-19 outbreak (March 11th)
Enter any additional		
food assistance		
programs:		

Please indicate your level of agreement regarding using SNAP (or Food Stamps) food benefits since the COVID-19 outbreak.

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
Overall, SNAP benefits are easy to use to buy food for our household	0	0	0	0	0

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
SNAP benefits are enough to meet our household's needs	0	0	0	0	0
We cannot use SNAP benefits to pay for groceries ordered online	0	0	0	0	0
We are not able to use our full months' worth of SNAP benefits (because, for example, it is hard to go shopping or stores do not have food we need)	0	0	0	0	

Any other comments about using SNAP during the COVID-19 outbreak?

Please indicate your level of agreement regarding using WIC benefits since the COVID-19 outbreak.

Neither

Strongly agree nor Strongly
disagree Disagree disagree Agree agree

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	
Overall, WIC benefits are easy to use to buy food for our household	0	0	0	0	0	
There is a limited selection of food at the stores that we can buy with our WIC benefits	0	0	0	0	0	
We cannot use our full months' worth of WIC benefits (because, for example, it is hard to go shopping or stores are sold out of WIC items)	0	0	0	0	0	
If available, we would be interested in shopping for WIC foods online and using curbside pickup or delivery	0	0	0	0	0	
Any other comments about using WIC during the COVID-19 outbreak?						
					_	

Please indicate your level of agreement regarding School Meals for children in your household since the COVID-19 outbreak. These meals are offered at various school and community pick up locations and in some cases can be home delivered.

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Not applicable
The school meals are very helpful for my household	0	0	0	0	0	0
School meal sites are not open on a consistent basis	0	0	0	0	0	0
We do not have the kitchen equipment to safely store or re-heat meals	0	0	0	0	0	0
School meal delivery to our home is not available or is hard to arrange	0	0	0	0	0	0
	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Not applicable
We are unable to pick up the meals at the time they are offered	0	0	0	0	0	0

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Not applicable
We are unable to pick up the meals at the place they are offered	0	0	0	0	0	0
Sites provide meals for several days at one time and we run out of meals before the next pick up or delivery day	0	0	0	0	0	0
The new Pandemic- EBT (P-EBT) card/benefits to pay for children's meals while school is out have been very helpful	0	0	0	0	0	0
	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Not applicable

Any other comments about using school meals or Pandemic-EBT for school meals during COVID-19 outbreak?

I		

Please indicate your level of agreement regarding using a food pantry/food bank during the COVID-19 outbreak?

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
Food offered at the food pantry/food bank has been very helpful for my household	0	0	0	0	0
The food pantry does not have food that my household likes to eat	0	0	0	0	0
The food pantry does not have good quality food	0	0	0	0	0
The food pantry gives me foods I do not know how to prepare	0	0	0	0	0
The food pantry runs out of food often	0	0	0	0	0
Food pantry hours are inconvenient or irregular	0	0	0	0	0
There are long lines / long wait times	0	0	0	0	0
There are limits on how often we can visit the food pantry close to our home	0	0	0	0	0

Any other comments about using food pantries du	ring
COVID-19 outbreak?	
]

Please indicate your level of agreement regarding concerns and barriers to using income-based food programs and food pantries since the COVID-19 outbreak (March 11th)?

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
I am worried about the paperwork I need to share to enroll in food programs	0	0	0	0	0
I do not want to rely on food programs because I value personal independence	0	0	0	0	0
It is difficult for me to travel to the food program offices to apply and recertify	0	0	0	0	0

	Strongly disagree	Disagree	neither agree nor disagree	Agree	Strongly agree
I'm worried that I have too many personal assets (savings, house, car) to qualify for a food program	0	0	0	0	0
I'm worried people will find out I use these programs	0	0	0	0	0

What were the typical types of transportation you used to get food for your household, in the year before the COVID-19 outbreak? Check all that apply.

	In the year before the COVID-19 outbreak	Since the COVID-19 outbreak (March 11th)	Did not use this transport
Bus or other public transit			
Own vehicle			
Ride from friend/family/neighbor			
Ride from taxi or app like Lyft/Uber			

	In the year before the COVID-19 outbreak	Since the COVID-19 outbreak (March 11th)	Did not use this transport
Someone brings food to me (delivery service or friend/family member)			
Walk or bike			
Other (please specify below if selected)			

Enter any additional types of transportation:

	In the year before the COVID-19 outbreak	Since the COVID-19 outbreak (March 11th)		
Enter any additional types of				
transportation:				

How often did these happen to your household when getting food, since the COVID-19 outbreak (March 11th)?

	Never	Sometimes	Usually	Every time	Not applicable
Could not find AS MUCH food as I wanted to buy (food not in store)	0	0	0	0	0

	Never	Sometimes	Usually	Every time	Not applicable		
Could not find THE TYPES of food my household prefers to eat	0	0	0	0	0		
Had challenges knowing where to find help for getting food	0	0	0	0	0		
Had to go to more places than usual to find the food my household wanted	0	0	0	0	0		
Had to stand too close to other people, when getting food (less than six feet away)	0	0	0	0	0		
Reduced grocery trips to avoid COVID- 19 exposure	0	0	0	0	0		
Please describe the kinds of food you wanted and could							

Please describe the kinds of food you wanted and could not get:

Please describe the kinds of food you got and did not want:					
If you had to stand too close to other people, what sort of place were you in? (such as store, food pantry, school food program, etc.)?					
Have you or anyone in your household experienced a loss of income or job since the COVID-19 outbreak (March 11th)? Check all that apply.					
C	Happened at all since the OVID-19 outbreak (March 11th)	Still happening today			
Yes, lost job					
Yes, reduced hours or income at job					
Yes, furloughed					
No, have not had any changes in job					

Have you received any money from these sources since
the COVID-19 outbreak? Check all that apply.
Federal stimulus check
Triends or family
Unemployment benefits
None of the above

Food Access (part 2 of 5)

Food Access (part 2 of 5)

What would help your household to meet its food needs during the COVID-19 pandemic?

	Not helpful	Helpful	Do not need this help
Access to public transit or rides		0	0
Different hours in meal programs or stores		0	
Extra money to help pay for food or bills	\bigcirc	\circ	

	Not helpful	Helpful	Do not need this help
Information about food assistance programs	0	0	0
More (or different) food in stores	0	0	0
	Not helpful	Helpful	Do not need this help
More trust in the safety of food	0	0	0
More trust in safety of food delivery	0	0	0
More trust in safety of going to stores	0	0	0
Support for the cost of food delivery	0	0	0
Other (please specify below if selected)	0	0	0
	Not helpful	Helpful	Do not need this help

Enter other things that would make it easier for your household to meet its food needs during the COVID-19 pandemic:

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How much extra money per week is needed to meet your household's food needs? Please provide your best estimate. Only numbers may be entered into this field.

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On a scale from 1 (not at all worried) to 6 (extremely worried), what is your level of worry for your household about the following as it relates to COVID-19:

	1 (not worried at all)	2	3	4	5	6 (very worried)	Not applicable
There will not be enough food in the store	0	0	0	0	0	0	0
The country will not have enough food to feed everyone	0	0	0	0	0	0	0
Food will become more expensive for my household	0	0	0	0	0	0	0
Food will become unsafe or contaminated	0	0	0	0	0	0	0

	l (not worried at all)	2	3	4	5	6 (very worried)	Not applicable
My household will not be able to get or will lose access to programs that provide free food or money for food	0	0	0	0	0	0	0
My household will lose so much income that we can't afford enough food	0	0	0	0	0	0	0
My household won't have enough food if we have to stay at home and can't go out at all (due to quarantine or illness)	0	0	0	0	0	0	0

Please describe any other worries you have about food and COVID-19:

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ı	
ı	
ı	
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Which of the following strategies, if any, are you using now to afford food? If not using them now, how likely are you to

use these if your household has challenges affording food in the future during the COVID-19 outbreak?

	Using now	Would use if needed in the future during COVID-19					
	Yes	Very unlikely	Unlikely	Somewhat unlikely	Somewhat likely	Likely	V€ likŧ
Accept food from friends or family	0	0	0	0	0	0	(
Borrow money from friends or family	0	0	0	0	\circ	0	(
Buy different, cheaper foods	0	0	\bigcirc	\bigcirc	\circ	\bigcirc	(
Buy food on credit	0	0	\bigcirc	\bigcirc	0	\bigcirc	(
Buy foods that don't go bad quickly (like pasta, beans, rice, canned foods)	0	0	0	0	0	0	(
	Yes	Very unlikely	Unlikely	Somewhat unlikely	Somewhat likely	Likely	V€ like
Get food from a food pantry or soup kitchen	0	0	0	0	0	\bigcirc	(
Stretch the food that I have by eating less	0	0	0	0	0	0	(
Rely more on hunting/fishing/foraging/growing my own food	0	0	0	0	0	0	(
Other (please specify below if selected)	0	0	0	0	0	\circ	(
	Yes	Very unlikely	Unlikely	Somewhat unlikely	Somewhat likely	Likely	V€ likŧ

Enter other strategies your household is currently using or might use in the future:

	Currently using:	May use in the future:
Other:		

Eating and Purchasing Behaviors (part 3 of 5)

Eating and Purchasing Behaviors (part 3 of 5)

[Do you or someone in your household have a special diet?
	Food allergy that requires avoiding some foods (such as nut, wheat, dairy allergy)
	Food sensitivity that causes problems from eating some foods (such as gluten free or dairy intolerance)
	Need to avoid some foods for health condition like diabetes or kidney disease
	Religious restriction (such as kosher, halal)
	Vegetarian, vegan
	Weight loss diet that requires special foods
	Other:
	No one in my household has a special diet

Have you had challenges finding food that meets these food needs since the COVID-19 outbreak (March 11th)?

	Yes	No	Not applicable
Food allergy that requires avoiding some foods (such as nut, wheat, dairy allergy)	0	0	
Food sensitivity that causes problems from eating some foods (such as gluten free or dairy intolerance)	0	0	
Need to avoid some foods for health condition like diabetes or kidney disease	0	0	0
Religious restriction (such as kosher, halal)	0	0	0
» Vegetarian, vegan	0	0	0
Weight loss diet that requires special foods	0	0	0
» Other:	0	0	0
No one in my household has a special diet	0	0	0

Has your household done any of the following since the COVID-19 outbreak (March 11th)? Do you believe the average U.S. household has done them, since that time? Check all that apply.

	My household has done this	I believe the average U.S. household has done this
Buy a lot more items in a single trip than before the outbreak (such as 50% more than my household needs)		
Deliver food to a friend, neighbor, or family member		
Donate to others or share		
Keep normal shopping habits		
	My household has done this	I believe the average U.S. household has done this
Maintain a two week supply of food for my household in case we become ill or got quarantined		
Social distanced by not seeing friends in person		
Spend more time cooking		

	My household has done this	household has done this
Throw away less food than normal		
	My household has done this	I believe the average U.S. household has done this
Throw away more food than normal because of extra buying		
Volunteer related to the COVID-19 outbreak		
Wore a mask in public		
	My household has done this	I believe the average U.S. household has done this

Perspectives and Experience (part 4 of 5)

Perspectives and Experience (part 4 of 5)

On a scale from 1 (strongly disagree) to 6 (strongly agree), how much do you agree with the following statements:

	l (strongly disagree)	2	3	4	5	6 (strongly agree)	I don't know
The current COVID- 19 outbreak is just like the seasonal flu	0	0	0	0	0	0	0
COVID-19 will affect other states more than mine	0	0	0	0	0	0	0
COVID-19 will affect other countries more than the United States	0	0	0	0	0	0	0
COVID-19 will affect people like me	0	\circ	0	0	\circ	0	0
	l (strongly disagree)	2	3	4	5	6 (strongly agree)	I don't know
The US should prioritize the economy over public health when it comes to COVID- 19	0	0	0	0	0	0	0
Average people should stay at home as much as possible to prevent the spread of COVID-19	0	0	0	0	0	0	0
Food is not a source of COVID-19	\circ	0	0	0	0	0	0
I felt prepared for the COVID-19 outbreak	0	0	0	0	0	0	0

	l (strongly disagree)	2	3	4	5	6 (strongly agree)	I don't know
	l (strongly disagree)	2	3	4	5	6 (strongly agree)	I don't know
Touching food packages can't transmit COVID-19	0	0	0	0	0	0	0
It is worth the health risk to reopen the economy as soon as possible	0	0	0	0	0	0	0
It is worth the health risk to maintain the food supply such as requiring farms and food processing plants to stay open, because we need food	0	0	0	0	0	0	0
If grocery or food delivery workers went on strike, I would take action to support them (like shop elsewhere, sign a petition, contribute money)	0	0	0	0	0	0	0
	l (strongly disagree)	2	3	4	5	6 (strongly agree)	I don't know

Do you know anyone with symptoms of, or diagnosed with, COVID-19? (If so, who? Check all that apply.
☐ Yes, family
☐ Yes, friend(s)
☐ Yes, myself
☐ Yes, other
□ No, I don't know anyone
Have you had to quarantine in your home due to COVID-19 (for example because of illness, exposure or symptoms)?
O Yes O No

Demographics (part 5 of 5)

Demographics (part 5 of 5)

How many people in the following age groups currently live in your household (including you). Household includes

people currently living within your home, including family and non-family members.

Children under 5:	Children 5-1/:	Adults 18-65:	Adults over 65:
~	~	~	~
Which of the fo	ollowing best de	escribes your cu	urrent
occupation?			
		~	
Other accupati	OD:		
Other occupati	OH.		
What is your ZII	P Code?		

In what year were you born?

	Are you of Hispanic, Latino, or Spanish origin?
\bigcirc	No, not of Hispanic, Latino, or Spanish origin
\bigcirc	Yes, Mexican, Mexican American, Chicano
\bigcirc	Yes, Puerto Rican
\bigcirc	Yes, Cuban
\bigcirc	Yes, another Hispanic, Latino, or Spanish origin:
	What is your race? Check all that apply:
	What is your race: Officer all that apply.
	American Indian or Alaskan Native
	Asian Indian
	Black or African American
	Chamorro
	Chinese
	Filipino
	Japanese
	Korean
	Native Hawaiian
	Samoan
	Vietnamese

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7/10/2		Qualtrics Survey Software
	White	
		Other race or origin:
		ving best describes your household 2019 before taxes?
00000000	¥,	
l	How long have yo	u lived in the United States?
0000	I was born in the US Less than 5 years 5-10 years 10 or more years	

	Which of the following political affiliations do you most identify with?
0	
0	Independent Libertarian
0	No affiliation Progressive
0	Republican Other
1	Do you have any additional comments or experiences related to the issue of food during the COVID-19 outbreak that you would like to share? Please use this space: