



#### Dear Participant,

Thank you for taking part in this study to help improve actions taken in response to COVID -19 pandemic and to inform the response to similar future outbreaks. This study will involve answering a 15-minute survey which will be asking you questions relating to the coronavirus. Please do not start until you will have enough time to complete it in one go. This study is conducted by a member of the Association of Pacific Rim Universities (APRU) Global Health Program. By taking part, you are agreeing that you have read and understood the information about the study below. Please ensure you have read and understood this information before continuing. There are about 60 questions in this survey.

#### What is this project about, and do I have to take part?

This study aims to inform governmental outbreak response measures to COVID-19, including policies, intervention and communications. Participation is open to people at the age of 18 or over, living in countries and regions of APRU and is entirely voluntary.

#### What are the benefits and risks of taking part?

By completing the survey, you will be eligible to enter a raffle which consists of 15 cards, each valued at \$100 USD regardless of the country you are from. There are no foreseeable risks for you when taking part in the survey other than time spent on the survey and potential discomfort. Should you feel uncomfortable and want to leave the study you are free to do so without any consequences.

#### What will you ask and what will happen to the information I give you?

You will be asked questions about yourself, your knowledge of the coronavirus, the actions you have taken to protect yourself from the virus, your trust in various stakeholders, your opinions of COVID-19 policies in your countries and regions, and your own fears and worries relating to the coronavirus pandemic. However, you will not be asked to provide any personally identifiable information. Your anonymous data will be collected and analysed by the research team. Your data will be shared with the research team, but your data will be completely anonymous, and it will not be possible to identify you individually from your answers. This study has received approval from the WHO Research Ethics Review Committee and Survey and Behavioural Research Ethics Committee (SBREC) of the Chinese University of Hong Kong.

#### For how long will my data be stored?

In order to help inform future pandemic and epidemic preparedness, the data you have provided will be helpful even beyond the current coronavirus pandemic. Your anonymous data will therefore be stored securely for up to 10 years after the end of the research for this study. At this point the data will be reviewed, and if they are still deemed to be of public interest, they may be retained for longer. If not, your data will be permanently deleted.

#### **Local Data Protection Privacy Notice and concerns**

Notice: The controller for this project will be the APRU Global Health Program team members. The data will be collected by them. All the information of the study participants will be kept strictly confidential, which could only be accessed by the researchers. They will be password protected and stored in a locked cabinet. All the data will be presented as aggregate parameters only. Email address will be required only if participants are interested in entering the random lucky draw for a US\$100 gift card. And the email addresses will be totally separated from questionnaires to protect confidentiality. The information that is required to be provided to participants under data protection legislation. The survey is in the public interest and is necessary for research and public health purposes.

If you are concerned about this study, or how your data is being processed, or if you would like to contact us about your rights, please get in touch with Professor WONG, Chi Sang Martin of the Chinese University of Hong Kong in the first instance at wong_martin@cuhk.edu.hk via any languages (English preferred)
Consent
I understand that:
My participation is completely voluntary.
• All my answers will be used for scientific research to improve actions taken in response to the coronavirus pandemic and to inform the response to similar future outbreaks.
My data will be stored securely, however, no personal data will be stored, and my answer will be completely anonymous.
My anonymized data gathered in this study will be shared with relevant researchers and institutions.
Because I am submitting anonymous data, it will not be possible to withdraw my answers after they have been submitted.
* 1. Have you ever filled out this questionnaire?
I have ever filled out it
I have never filled out it





* 2. Please note that you can stop the survey at any time. This will not entail any penalty, and it will not affect the services (health care services or others) that you receive. By selecting the "agree box", you are agreeing that you are at least 18 years old, that you have read the information about the study, and that you voluntarily agree to take part in it.
I agree to participate in this study
I do not agree to participate in this study





3. Date
Date / Time
Date  MM/DD/YYYY
4. Email address (Only required if you are interested in entering the random lucky draw for a US\$100 gift card. Six prizes will be given and winners will be notified by email.)
Part 1: Socio-demography
5. How old are you?
6. What is your sex?
Male
Female
Other
I prefer not to tell
7. What is your height (in centimeters)?
No, I do not know my height
Yes, I know my height, my height is:

8. Wł	hat is your current weight (in kilos)?		
$\bigcirc$	No, I do not know my weight		
$\bigcirc$	Yes, I know my weight, my weight is:		
L			
9. Ple	ease assess your weight change over the past six	mon	nths:
$\bigcirc$	Increased		
$\bigcirc$	Remains the same		
$\bigcirc$	Decreased		
$\bigcirc$	Don't know		
10. W	Which country or region are you currently living in?		
	Australia		Malaysia
$\bigcirc$	Thailand	$\bigcirc$	Philippines
	Canada	$\bigcirc$	Mexico
	China	$\bigcirc$	New Zealand
$\bigcirc$	South Korea	$\bigcirc$	Ecuador
$\bigcirc$	Germany	$\bigcirc$	United Kingdom
$\bigcirc$	Japan	$\bigcirc$	United States
$\bigcirc$	India		
$\bigcirc$	Other (please specify)		
L			
11. V	Vhat is your race?		
$\bigcirc$	American Indian or Alaska Native		
$\bigcirc$	Asian		
$\bigcirc$	Black or African American		
	Native Hawaiian or Other Pacific Islander		
	White		
$\bigcirc$	write		
	Other (please specify)		

	/hat is your religion?
	Christian (Catholic protestant or any other Christian denominations)
$\bigcirc$	Buddhist
$\bigcirc$	Hindu
$\bigcirc$	Muslim
$\bigcirc$	Jewish
	Sikh
	No Religion
	Any other religion:
L	
13. F	ow many years of education have you completed (including non-formal education such as part time
night	
	0-9 years
$\bigcirc$	o o years
0	10-12 years (secondary school completed)
0	
0	10-12 years (secondary school completed)
) )	10-12 years (secondary school completed) more than 12 years
14. V	10-12 years (secondary school completed)
14. V	10-12 years (secondary school completed) more than 12 years /here do you live? Rural area
14. V	10-12 years (secondary school completed) more than 12 years  /here do you live? Rural area Urban area
14. V	10-12 years (secondary school completed) more than 12 years  /here do you live? Rural area Urban area Rural-urban fringe
14. V	10-12 years (secondary school completed) more than 12 years  /here do you live? Rural area Urban area
14. V	10-12 years (secondary school completed) more than 12 years  /here do you live? Rural area Urban area Rural-urban fringe
	10-12 years (secondary school completed) more than 12 years  /here do you live? Rural area Urban area Rural–urban fringe Other (please specify)
	10-12 years (secondary school completed) more than 12 years  /here do you live? Rural area  Urban area Rural—urban fringe  Other (please specify)  /ho lives in your household besides yourself?
	10-12 years (secondary school completed) more than 12 years  /here do you live? Rural area Urban area Rural—urban fringe Other (please specify)  /ho lives in your household besides yourself? I live alone
	10-12 years (secondary school completed) more than 12 years  /here do you live? Rural area Urban area Rural-urban fringe Other (please specify)  /ho lives in your household besides yourself? I live alone I live with my family members (parents, husband/wife, children, etc)
	10-12 years (secondary school completed) more than 12 years  /here do you live? Rural area Urban area Rural—urban fringe Other (please specify)  /ho lives in your household besides yourself? I live alone
	10-12 years (secondary school completed) more than 12 years  /here do you live? Rural area Urban area Rural-urban fringe Other (please specify)  /ho lives in your household besides yourself? I live alone I live with my family members (parents, husband/wife, children, etc)
	10-12 years (secondary school completed) more than 12 years  /here do you live? Rural area Urban area Rural-urban fringe Other (please specify)  /ho lives in your household besides yourself? I live alone I live with my family members (parents, husband/wife, children, etc)

16.	Please assess your private financial situation over the past six months:
	) Improved
	Remains the same
	Worse
	Don't know





# Part 2: COVID-19 personal experience

Yes			
O No			





Yes			
No			





19. Have you been tested positive for COVID-19?  Yes  No	
20. Have you been tested positive for COVID-19 antibodies?  Yes  No	





Yes			
No			





22. Has a person close to you died due to COVID-19?  Yes  No
23. Has anyone with whom you have had direct contact in the past two weeks become infected with COVID-19 that you are aware of?  Yes
○ No

	Yes	No
Older than 60 years		
Cardiovascular disease (e.g. coronary heart		
disease, heart failure,		
cardiomyopathy)		
Hypertension	$\circ$	
Type 2 Diabetes	$\bigcirc$	
Immunodeficiency, or		
taking medication that		
suppresses the immune		$\bigcirc$
system (e.g. corticosteroid)		
Chronic disease of the respiratory system (e.g.		
asthma, chronic		
bronchitis)		
Chronic liver disease	$\circ$	0
Chronic kidney disease	$\circ$	
Cancer during past 5		
years		
Long-standing heavy		
cigarette consumption		
(more than 20 cigarettes		$\bigcirc$
per day in the last 5-10 years)		
Sickle cell disease		
Obsaity (Rady mass		
Obesity (Body mass index ≥30 kg/m2)	$\bigcirc$	
None of the above risk		
factors		$\cup$

	Yes	No
Older than 60 years		$\circ$
Cardiovascular disease (e.g. coronary heart disease, heart failure, cardiomyopathy)		
Hypertension	$\circ$	
Type 2 Diabetes	$\circ$	$\bigcirc$
Immunodeficiency, or taking medication that suppresses the immune system (e.g. corticosteroid)		
Chronic disease of the respiratory system (e.g. asthma, chronic bronchitis)		
Chronic liver disease	$\circ$	
Chronic kidney disease	0	$\bigcirc$
Cancer during past 5 years		
Long-standing heavy cigarette consumption (more than 20 cigarettes per day in the last 5-10 years)		
Sickle cell disease	$\circ$	
Obesity (Body mass index ≥30 kg/m2)		
None of the above risk factors		
O No	ou have been in quarantine due t	to Covid-19 in total since January 2020 e in total since January 2020.

No No		
If yes, please indicate how ma	ny days you have been under the stat	e-imposed curfew in total since January 2020
No	currently working or studying from	om home.  tudying from home in total since January 2020.
9. Please indicate whether you frastructure.	are engaged in an essential act	tivity for the maintenance of critical
	Yes	No
Ooctors	$\circ$	$\bigcirc$
Nurses	0	$\circ$
Clinical psychologists	$\bigcirc$	$\bigcirc$
Public safety and national security guards	$\bigcirc$	
Staff of local and national government		
Supermarket/grocery vorkers	$\circ$	
Orivers need to cross oorder or deliver grocery vithin countries		
Cargo flight pilots / ground staff	$\bigcirc$	
Professional cleaners	$\circ$	$\bigcirc$
her (please specify)		

30. F	Please indicate your work or study status		
$\bigcirc$	Full-time employed		
$\bigcirc$	Part-time employed		
	Not employed		
$\bigcirc$	Self-employed		
	Caregiver (e.g., Children, Elderly)		
	Student		
	Retired		
	Other (please specify)		
1			
31. F	Please indicate your health insurance coverage.		
	None	( )	Full coverage (private)
$\bigcirc$	Partial coverage		Not applicable
$\bigcirc$	Full coverage (public)		
32. F	Please indicate whether you receive welfare benefi	ts.	
	Yes		
	No		

Psychotic disorders (including schizophrenia)  Anxiety disorder  Posttraumatic stress disorder  Eating disorder  Compulsive disorders (OCD)  Substance abuse or Addiction disorder  Attention disorder (ADD or ADHD)  Somatoform disorder  Personality disorder  Autism Spectrum Disorder (including Asperger's Syndrome)  Cognitive disorder disorder  Cognitive disorder disorder		Yes	No
Psychotic disorders including schizophrenia)  Anxiety disorder  Posttraumatic stress disorder  Compulsive disorders OCD)  Compulsive disorders OCD)  Attention disorder (ADD)  Attention disorder (ADD)  Cor ADHD)  Comatoform disorder  Autism Spectrum Disorder (including Asperger's Syndrome)  Cognitive disorder/dementia  34. Are you currently receiving formal mental health support or treatment, including psychotherapy, clinical counselling, etc.?  Yes	Depression		$\bigcirc$
Anxiety disorder  Anxiety disorder  Posttraumatic stress disorder  Eating disorder  Compulsive disorders (OCD)  Substance abuse or Addiction disorder  Attention disorder (ADD or ADHD)  Somatoform disorder  Personality disorder  Autism Spectrum Disorder (including Asperger's Syndrome)  Cognitive disorder/dementia  34. Are you currently receiving formal mental health support or treatment, including psychotherapy, clinical counselling, etc.?  Yes	Mania/Bipolar disorder	$\bigcirc$	
Addiction disorder  Attention disorder (ADD or ADHD)  Somatoform disorder  Personality disorder  Autism Spectrum Disorder (including Asperger's Syndrome)  Cognitive disorder/dementia  34. Are you currently receiving formal mental health support or treatment, including psychotherapy, clinical counselling, etc.?  Yes	Psychotic disorders (including schizophrenia)	0	0
disorder  Eating disorder  Compulsive disorders (OCD)  Substance abuse or Addiction disorder  Attention disorder (ADD or ADHD)  Somatoform disorder  Autism Spectrum Disorder (including Asperger's Syndrome)  Cognitive disorder/dementia  34. Are you currently receiving formal mental health support or treatment, including psychotherapy, clinical counselling, etc.?  Yes	Anxiety disorder	$\bigcirc$	
Compulsive disorders (OCD)  Substance abuse or Addiction disorder  Attention disorder (ADD or ADHD)  Somatoform disorder  Personality disorder  Autism Spectrum Disorder (including Asperger's Syndrome)  Cognitive disorder/dementia  34. Are you currently receiving formal mental health support or treatment, including psychotherapy, clinical counselling, etc.?  Yes		0	0
Substance abuse or Addiction disorder  Attention disorder (ADD or ADHD)  Somatoform disorder  Personality disorder  Autism Spectrum Disorder (including Asperger's Syndrome)  Cognitive disorder/dementia  34. Are you currently receiving formal mental health support or treatment, including psychotherapy, clinical counselling, etc.?  Yes	Eating disorder	$\bigcirc$	
Personality disorder  Autism Spectrum Disorder (including Asperger's Syndrome)  Cognitive disorder/dementia  34. Are you currently receiving formal mental health support or treatment, including psychotherapy, clinical counselling, etc.?  Yes		0	0
Somatoform disorder  Personality disorder  Autism Spectrum Disorder (including Asperger's Syndrome)  Cognitive disorder/dementia  34. Are you currently receiving formal mental health support or treatment, including psychotherapy, clinical counselling, etc.?  Yes		$\circ$	
34. Are you currently receiving formal mental health support or treatment, including psychotherapy, clinical counselling, etc.?  Yes		0	0
Autism Spectrum Disorder (including Asperger's Syndrome)  Cognitive disorder/dementia  34. Are you currently receiving formal mental health support or treatment, including psychotherapy, clinical counselling, etc.?  Yes	Somatoform disorder	$\bigcirc$	
Disorder (including Asperger's Syndrome)  Cognitive disorder/dementia  34. Are you currently receiving formal mental health support or treatment, including psychotherapy, clinical counselling, etc.?  Yes	Personality disorder	$\bigcirc$	0
counselling, etc.?  Yes	Disorder (including		
counselling, etc.?  Yes			
	disorder/dementia		
	34. Are you currently receive counselling, etc.?  Yes	ring formal mental health support o	or treatment, including psychotherapy, clinica
	34. Are you currently receive counselling, etc.?  Yes	ring formal mental health support o	or treatment, including psychotherapy, clinica
	34. Are you currently receive counselling, etc.?  Yes	ring formal mental health support o	or treatment, including psychotherapy, clinica
	34. Are you currently receive counselling, etc.?  Yes	ring formal mental health support o	or treatment, including psychotherapy, clinica
	34. Are you currently receive counselling, etc.?  Yes	ring formal mental health support o	or treatment, including psychotherapy, clinica
	34. Are you currently receive counselling, etc.?  Yes	ring formal mental health support o	or treatment, including psychotherapy, clinica





Yes			
No			
NO			





36. If your current psychotherapy does not take place in face-to-face contact: How satisfied are you with the psychotherapeutic treatment via telephone or video platforms compared to face-to-face contact?
Not at all
Not satisfied
Neutral
Satisfied
Very much
Very mach





Yes				
No				
Have neve	r received psychoth	erapy		





### Part 3: Health behaviors

38. Over the p	past 14	days	l
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·	Strongly disagree	Disagree	Neutral	Agree	Strongly agree	N/A
Have consumed substantially more alcohol than usual.	0	0	$\circ$		0	0
Have smoked considerably more cigarettes than usual.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\circ$
Have consumed considerably more drugs (e.g. tranquilizers, sleeping pills or stimulants) than usual.		0	0	0	0	
Bought drugs, herbs, supplements or other treatments that I heard are good for treating COVID-19 (e.g. Lotus Qing-wen capsule, Shuang-huang-lian oral liquid or eucalyptus oils).		0				
Exercised less than I did before the pandemic.	$\circ$	0	$\circ$		$\circ$	$\circ$
Ate more unhealthy food than I did before the pandemic (such as fried food, coke, etc).	$\circ$	$\circ$	$\circ$	$\circ$		$\circ$
Postponed vaccination for myself or my child.	$\circ$	0	$\circ$		$\circ$	$\circ$
Avoided people that I thought might infect me.	$\bigcirc$				$\bigcirc$	$\bigcirc$
Have experienced verbal abuse (e.g. threats, humiliations) by people close to me.	0	0	0	0	0	0

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree	N/A	
Have had more physical arguments (e.g. beating, kicking) with people close to me.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$		$\bigcirc$	
Have had the excessive urge to wash and/or disinfect my hands again and again so that I do not become ill from germs or contamination.	0			0			
If last question you did not choose "not at all" or "NA", I perceived the extent as nonsensical, distressing or excessive.	0	$\circ$	$\bigcirc$	$\bigcirc$		$\circ$	
Have had the excessive urge to wash and/or disinfect my hands again and again so that I do not pass on germs or contamination to other people.	0			0			
If last question you did not choose "not at all" or "NA", I perceived the extent as nonsensical, distressing or excessive.							





## Part 4: Prevention own behaviors

39. During the last 14 days, which of the following measures have you taken to prevent infection from COVID-19?

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree	N/A
Frequently washed my hands with soap and water for at least 20 seconds.	0	$\circ$	0	0	0	0
Avoided touching my eyes, nose and mouth with unwashed hands.	$\bigcirc$	$\bigcirc$		$\bigcirc$	$\bigcirc$	$\bigcirc$
Used disinfectants/sanitizer to clean hands when soap and water were not available.		0	0	0		0
Avoided a social event I wanted to attend.	$\bigcirc$	$\bigcirc$		$\bigcirc$		
Stayed at home from work/school.	$\circ$	$\bigcirc$	$\circ$	$\circ$	$\circ$	0
Used antibiotics/antibacterial/antimicrobial to prevent or treat COVID-19.	$\bigcirc$	$\bigcirc$	$\circ$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Wore a mask in public.		$\bigcirc$	$\circ$			
Ensured physical distancing in public.	$\bigcirc$					
Disinfected surfaces.						





Part 5:	COVID-	<u>1</u> 9۱	/accine

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
I am willing to get the COVID-19 vaccine.	$\bigcirc$	0			
I believe a vaccine can help control the spread of COVID-19.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
If I knew I had been infected with COVID-19 before, I would not get the vaccine even if it were available.		0	0		0
If everyone else is vaccinated against COVID-19, I don't have to get vaccinated.		$\circ$	$\bigcirc$	$\bigcirc$	$\bigcirc$
I am willing to participate in clinical trials or donate plasma for the developnment of a vaccine.		0	0		0

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Country in which the vaccine is produced.	$\circ$				$\circ$
Recommendation from my family doctor.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Recommendation of the Ministry of Health.	$\bigcirc$	$\bigcirc$	$\circ$	0	$\bigcirc$
Whether the vaccine has been in use for 2 years or more.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
Whether the vaccine with no serious side-effects.	0	0	$\circ$	$\circ$	$\circ$
Whether the vaccine is used in other countries.	$\bigcirc$	$\bigcirc$	$\circ$	$\bigcirc$	$\circ$
My risk of getting nfected with COVID-19.	$\circ$	$\bigcirc$	$\circ$	$\bigcirc$	$\circ$
How easy it is to get the vaccine (e.g. available out-of-hours or in oharmacies).	0	$\bigcirc$	$\circ$	0	$\circ$
Whether the vaccine is ree of charge.	$\bigcirc$		$\circ$	$\circ$	0
Whether restrictions on movement and gathering n groups would be lifted f most people got the vaccine.	0			0	
42. Apart from CO'schedule (such as			vaccinated accord	ling to the natior	nal vaccination
O No					
Oon't know					
43. Have you ever	been vaccinated a	gainst influenza?	,		
Yes					
O No					

your country's currency.			
5. The country and region you li	ve in is		





Part 6: Mental Health					
46. Please choose one	e option per row be	low. COVID-19 t	o me feels		
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Spreading slowly					
Something I think about all the time	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	
Fear-inducing					
Media hyped					
Something that makes me feel helpless	$\circ$			0	0
Highly stressful	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	
47. How do you currer	ntly perceive the ris	k of the COVID-	19 pandemic? "I a	m worried that	
47. How do you currer	ntly perceive the ris Strongly disagree	k of the COVID- Disagree	19 pandemic? "I a Neutral	m worried that Agree	." Strongly agree
47. How do you currer  I have no means of control over the COVID- 19 pandemic.					
I have no means of control over the COVID-					
I have no means of control over the COVID-19 pandemic.  I will become infected					
I have no means of control over the COVID-19 pandemic.  I will become infected with COVID-19.  People close to me are going to be infected with					

48. We would now like for you to indicate your general well-being: Over the past 14 days						
	All of the time	Most of the time	More than half the time	Less than half the time	Some of the time	At no time
I have felt cheerful and in good spirits.				$\bigcirc$		$\bigcirc$
I have felt calm and relaxed.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
I have felt active and vigorous.		$\circ$		$\circ$	$\circ$	
I have woken up feeling fresh and rested.	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$
my daily life has been filled with things that interest me.	0	$\circ$	$\circ$	$\bigcirc$	$\circ$	0





nank you !			