

# Covid Privacy Survey

## Survey Flow

EmbeddedData

Random ID = \${rand://int/10000:99999}

Block: Consent Form (6 Questions)  
Standard: Behavioral Questions (3 Questions)  
Standard: Install (3 Questions)  
Standard: Uninstall (3 Questions)  
Standard: Off to On (3 Questions)  
Standard: On to off (3 Questions)  
Standard: General Perception (2 Questions)  
Standard: Pro Social (2 Questions)  
Standard: Tech Savviness (1 Question)  
Standard: Demographics (8 Questions)  
Standard: Block 4 (1 Question)  
Block: (0 Questions)

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## Start of Block: Consent Form

We are university researchers interested in how your attitude and behavior regarding smartphone location data sharing might have changed since the onset of the COVID-19 pandemic, particularly in the first few months of the pandemic. Thank you for your participation.

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I am aged 18 or older

- ☐ Yes (1)
- ☐ No (2)
- 



I am a fluent English speaker

- ☐ Yes (1)
- ☐ No (2)
- 



I am a smartphone user

- ☐ Yes (1)
- ☐ No (2)
- 



I have read and understood the information above

☐ Yes (1)

☐ No (2)

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Are you aware that public authorities across the world are using smart phone data to curb the growth of the pandemic? ( Examples : Contact tracing, tracking pandemic spread, opening/re-opening commercial spaces based on mobility )

☐ Yes (1)

☐ No (2)

End of Block: Consent Form

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Start of Block: Behavioral Questions

Please rate each of the following statements from 1 = strongly disagree to 5 = strongly agree.



Over the **first few months** of the COVID-19 pandemic

	Strongly disagree (6)	Somewhat disagree (7)	Neither agree nor disagree (8)	Somewhat agree (9)	Strongly agree (10)
I have used my smartphone more heavily compared to before the pandemic. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have installed more apps on my smartphone compared to before the pandemic. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have used those smartphone apps that require my locations more heavily compared to before the pandemic. (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have become more aware that my smartphone collects my location data. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have become more aware that location data are used to combat the pandemic. ( Examples: Contact	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

tracing,  
tracking  
pandemic  
spread,  
opening/re-  
opening  
commercial  
spaces based  
on mobility )  
(11)

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Over the **first few months** of the pandemic

	Strongly disagree (32)	Somewhat disagree (33)	Neither agree nor disagree (34)	Somewhat agree (35)	Strongly agree (36)
I have spent more time or become more careful reading the privacy policies before granting smartphone apps permission to collect my location data. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have become more willing to grant mobile apps permission to collect my location data, because I believe sharing location data can help combat the pandemic. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have become more willing to grant mobile apps permission to collect my location data, because I stayed home most of the time and did not care about my	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



location data  
being  
collected as  
much. (2)

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End of Block: Behavioral Questions

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Start of Block: Install

During the pandemic,

	Strongly disagree (18)	Somewhat disagree (19)	Neither agree nor disagree (20)	Somewhat agree (21)	Strongly agree (22)
I have installed new apps that require location sharing. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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If so, for what application categories (Example : Games, Music, Online delivery). Enter NA if not applicable.

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Provide a short reason (optional)

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End of Block: Install

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Start of Block: Uninstall

During the pandemic,

	Strongly disagree (20)	Somewhat disagree (21)	Neither agree nor disagree (22)	Somewhat agree (23)	Strongly agree (24)
I have uninstalled apps that required location sharing. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If so, for what application categories (Example : Games, Music, Online delivery). Enter NA if not applicable.

Provide a short reason (optional)

End of Block: Uninstall

Start of Block: Off to On

During the pandemic,

	Strongly disagree (20)	Somewhat disagree (21)	Neither agree nor disagree (22)	Somewhat agree (23)	Strongly agree (24)
I have switched "location data sharing" from "Off" to "On" at least once for at least one mobile app on my phone. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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If so, for what application categories (Example : Games, Music, Online delivery). Enter NA if not applicable.

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Provide a short reason (optional)

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End of Block: Off to On

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Start of Block: On to off

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During the pandemic,

	Strongly disagree (20)	Somewhat disagree (21)	Neither agree nor disagree (22)	Somewhat agree (23)	Strongly agree (24)
I have switched "location data sharing" from "On" to "Off" at least once for at least one mobile app on my phone. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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If so, for what application categories (Example : Games, Music, Online delivery). Enter NA if not applicable.

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Provide a short reason (optional)

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End of Block: On to off

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Start of Block: General Perception

Please rate each of the following statements from 1 = strongly disagree to 5 = strongly agree.

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During a pandemic,

	Strongly disagree (6)	Somewhat disagree (7)	Neither agree nor disagree (8)	Somewhat agree (9)	Strongly agree (10)
People need to share their private information (such as their locations) if it contributes to the greater good of the public. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
People need to protect themselves and others by wearing masks during the pandemic. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
People need to protect themselves and others by practicing social distancing during the pandemic. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
People need to protect themselves and others by staying at home more often during the pandemic. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Please go ahead and select Somewhat agree for this question (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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**End of Block: General Perception**

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**Start of Block: Pro Social**

Please rate your preference levels for the activities listed below.

	Do not prefer (28)	Prefer slightly (29)	Prefer a moderate amount (30)	Prefer a lot (31)	Prefer a great deal (32)
Donation to charities (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Donation to social causes (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Please rate each of the following statements from 1 = strongly disagree to 5 = strongly agree.

	Strongly disagree (9)	Somewhat disagree (10)	Neither agree nor disagree (11)	Somewhat agree (12)	Strongly agree (13)
I often help others (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I deeply care about social issues (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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**End of Block: Pro Social**

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**Start of Block: Tech Savviness**

Please rate your knowledge levels for the activities listed below

	Extremely knowledgeable (16)	Very knowledgeable (17)	Moderately knowledgeable (18)	Slightly knowledgeable (19)	Not knowledgeable at all (20)
Opting out of location sharing on my smart phone (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clearing cookies on my browser and smart devices (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Tech Savviness

Start of Block: Demographics

Your gender

- ☐ Male (1)
- ☐ Female (2)
- ☐ Non-binary / third gender (3)
- ☐ Prefer not to say (4)
- ☐ Other, please enter (5) \_\_\_\_\_



Your age

- ☐ 18 - 24 (1)
  - ☐ 25 - 34 (2)
  - ☐ 35 - 44 (3)
  - ☐ 45 - 54 (4)
  - ☐ 55 - 64 (5)
  - ☐ 65 - 74 (6)
  - ☐ 75 - 84 (7)
  - ☐ 85 or older (8)
- 

Your ethnicity

- ☐ White (8)
  - ☐ Black or African American (9)
  - ☐ American Indian or Alaska Native (10)
  - ☐ Asian (11)
  - ☐ Native Hawaiian or Pacific Islander (12)
  - ☐ Hispanic (14)
  - ☐ Other (13)
- 

In which state do you currently reside?

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What's the highest level of education that you have received?

- ☐ Less than high school (1)
  - ☐ High school graduate (2)
  - ☐ Some college (3)
  - ☐ 2 year degree (4)
  - ☐ 4 year degree (5)
  - ☐ Professional degree (6)
  - ☐ Doctorate (7)
-

What is your annual household income before tax?

- ☐ Less than \$10,000 (1)
  - ☐ \$10,000 - \$19,999 (2)
  - ☐ \$20,000 - \$29,999 (3)
  - ☐ \$30,000 - \$39,999 (4)
  - ☐ \$40,000 - \$49,999 (5)
  - ☐ \$50,000 - \$59,999 (6)
  - ☐ \$60,000 - \$69,999 (7)
  - ☐ \$70,000 - \$79,999 (8)
  - ☐ \$80,000 - \$89,999 (9)
  - ☐ \$90,000 - \$99,999 (10)
  - ☐ \$100,000 - \$149,999 (11)
  - ☐ More than \$150,000 (12)
- 

What type of smartphone do you have?

- ☐ Android (1)
  - ☐ Apple (2)
  - ☐ Others, please specify (3) \_\_\_\_\_
-

Are you an essential worker during the pandemic (i.e., workers who conduct operations and services that are essential for critical infrastructure operations, e.g., healthcare, food service, public transportation)

☐ Yes (1)

☐ No (2)

End of Block: Demographics

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Start of Block: Block 4

Here is your Random ID for completion of the survey text : [\\${e://Field/Random%20ID}](#)

Copy this value to paste it into MTurk.

When you have copied this ID, please click next to submit your survey.

Thanks for your participation!

End of Block: Block 4

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