COVID19_symptom_survey_intl_V7

Start of Block: consent_i

intro1_eu
This voluntary survey is part of a research study led by the University of Maryland. The purpose of this research is to gain a better public understanding of where and how the coronavirus pandemic is spreading. Your personal data shall be processed for this research purpose only. Even if you feel well, your participation will greatly aid our research. This survey will take about 3-5 minutes. This study is not conducted by Facebook and no individual responses will be shared back to Facebook. The only information we receive from Facebook is your language preference and a random ID number and a statistical number (based upon age, gender and location, as well as other information from your Facebook data) to help correct for sample bias and help ensure the results are representative for your country.

In order to ensure that we cannot identify you and to keep your responses confidential, we do not collect your name or any other personal data from you. Published results will be aggregated and will not identify you individually or your responses. You may stop taking the survey at any time and may skip any question that you do not wish to answer. Your responses will be retained for the duration of this study, up to a maximum period of two years from the date you completed the survey.

If you have questions about the study or how you can exercise your data protection rights, including your right to access, rectification, portability and erasure, please contact:

admin-C19survey-fb@umd.edu; 1204 Marie Mount Hall, College Park, MD 20742, USA.
Where any transfer occurs outside the EU, appropriate data protection safeguards will be relied upon, in accordance with applicable data protection law.

You understand the above and consent to take part in this survey run by the University of Maryland.

☐ Yes (1)
☐ No (2)

Skip To: End of Survey If intro1_eu = 2
For this research to be effective and contribute to a better public health understanding of where the coronavirus pandemic is moving, we want to share your responses, along with the random ID number and the statistical number, with other academic institutions and NGOs. This will include EU researchers, such as the University of Mannheim and researchers outside the EU, such as Stanford University.

Such researchers have implemented applicable security and data protection safeguards and will only use your data for the research we have described and will not have access to any further personal data concerning you.

Do you consent with sharing your data with these academic institutions?

- Yes (1)
- No (2)

A1 You must be 18 years or older to take this survey.

Are you 18 years or older?

- Yes (1)
- No (2)
A2_1220 Where are you currently staying?

*We mean the place where you slept last night. This may be different from where you usually stay.*
Country or region (1)
Administrative region (2)

▼ Afghanistan (1) ... Zimbabwe ~ Midlands (4143)

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End of Block: A_intro

Start of Block: B_symptoms
<table>
<thead>
<tr>
<th>Symptom</th>
<th>Yes (1)</th>
<th>No (2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fever (B1_1)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Cough (B1_2)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Difficulty breathing (B1_3)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Fatigue (B1_4)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Stuffy or runny nose (B1_5)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Aches or muscle pain (B1_6)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Sore throat (B1_7)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Chest pain (B1_8)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Nausea (B1_9)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Loss of smell or taste (B1_10)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Eye pain (B1_11)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Headache (B1_12)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Chills (B1_13)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Changes to sleep (B1_14)</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
Display This Question:

If \( B1 [ 1 ] \) (Count) > 0

Carry Forward Selected Choices from "B1"
<table>
<thead>
<tr>
<th>Symptom</th>
<th>Yes (1)</th>
<th>No (2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fever (B1b_x1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cough (B1b_x2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Difficulty breathing (B1b_x3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fatigue (B1b_x4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stuffy or runny nose (B1b_x5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aches or muscle pain (B1b_x6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sore throat (B1b_x7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chest pain (B1b_x8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nausea (B1b_x9)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Loss of smell or taste (B1b_x10)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eye pain (B1b_x11)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Headache (B1b_x12)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chills (B1b_x13)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Changes to sleep (B1b_x14)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Display This Question:

If B1 [1] (Count) >= 1

B2 For how many days have you had at least one of these symptoms?
B3 Do you personally know anyone in your local community who is sick with a fever and either a cough or difficulty breathing?

- Yes  (1)
- No  (2)

Display This Question:
If B3 = 1

B4 How many people do you know with these symptoms?

________________________________________________________________

Display This Question:
If B3 = 1

B5 Have you spent time with any of these people in the last 7 days?

- Yes  (1)
- No  (2)
B6 Have you ever been tested for coronavirus (COVID-19)?

- Yes (1)
- No (2)
If $B_6 = 1$

B7 Have you been tested for coronavirus (COVID-19) in the last 14 days?

- Yes (1)
- No (2)

If $B_7 = 1$

B8 Did this test find that you had coronavirus (COVID-19)?

- Yes (1)
- No (2)
- I don't know (3)

If $B_7 = 1$

B9 Did you have to pay anything out-of-pocket for this test?

- Yes (1)
- No (2)
- I don't know (3)
B10 Have you or your household had to reduce spending on things you need (such as food, housing, or medication) because of the cost you paid to get the coronavirus (COVID-19) test?

○ Yes (1)
○ No (2)
○ I don’t know (3)
B11 Have you wanted to get tested for coronavirus (COVID-19) at any time in the last 14 days?

- Yes (1)
- No (2)
**Display This Question:**

*If B11 = 1*

B12 Do any of the following reasons describe why you haven't been tested for coronavirus (COVID-19) in the last 14 days?

<table>
<thead>
<tr>
<th>Reason</th>
<th>Yes (1)</th>
<th>No (2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>I tried to get a test but was not able to get one (B12_1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I don't know where to go (B12_2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I can't afford the cost of the test (B12_3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I don't have time to get tested (B12_4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I am unable to travel to a testing location (including because of transportation cost, safety, or physical limitations) (B12_5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I am worried about bad things happening to me or my family (including discrimination, government policies, and social stigma) (B12_6)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
V1 Have you had a COVID-19 (coronavirus) vaccination?

- Yes (1)
- No (2)
- I don’t know (3)

V3 If a vaccine to prevent COVID-19 (coronavirus) were offered to you today, would you choose to get vaccinated?

- Yes, I would definitely choose to get vaccinated (1)
- Yes, I would probably choose to get vaccinated (2)
- No, I would probably not choose to get vaccinated (3)
- No, I would definitely not choose to get vaccinated (4)
V4 Would you be more or less likely to get a COVID-19 (coronavirus) vaccine if it were made available and recommended to you by each of the following:

<table>
<thead>
<tr>
<th></th>
<th>More likely (1)</th>
<th>About the same (2)</th>
<th>Less likely (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friends and family</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Local health workers</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>World Health Organization (WHO)</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Government health officials</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Politicians</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

End of Block: V_vaccine_followup

Start of Block: B_healthcare (IF DAYOFMONTH=01)
B13 In the last 30 days, was there any time when you needed any of the following health services or products but could not get it?

<table>
<thead>
<tr>
<th>Health Service</th>
<th>Yes (1)</th>
<th>No (2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency transportation services or emergency rescue (B13_1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical care with overnight stay in any type of facility (B13_2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical or dental care or treatment without an overnight stay (B13_3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Preventive health services (including immunization/vaccination, family planning, prenatal/postnatal care, routine check-up services) (B13_4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medication (B13_5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mask, medical gloves, or other protective equipment (B13_6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eyeglasses, hearing aid, crutches, band-aids/plasters, thermometer, or any other health product (B13_7)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Display This Question:

If B13 = 1  [ 1 ]
Or B13 = 4  [ 1 ]
Or B13 = 5  [ 1 ]
Or B13 = 6  [ 1 ]
Or B13 = 7  [ 1 ]
Or B13 = 8  [ 1 ]
Or B13 = 9  [ 1 ]
B14 In the last 30 days, were you unable to get needed treatment, services, medicine, or medical products for any of the following reasons?

<table>
<thead>
<tr>
<th>Reason</th>
<th>Yes (1)</th>
<th>No (2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>I didn't know where to go (B14_1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I couldn't afford the treatment, service, or product (B14_2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I was unable to travel to the health care provider (including because of transportation cost, safety, or physical limitations) (B14_3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I was afraid of being infected at the health care provider (B14_4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The treatment, service, or product was not available (B14_5)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

End of Block: B_healthcare

Start of Block: C_contact
C0 likert In the last 24 hours, have you done any of the following?

<table>
<thead>
<tr>
<th>Activity</th>
<th>Yes (1)</th>
<th>No (2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gone to work outside the place where you are currently staying (C0_1)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Gone to a market, grocery store, or pharmacy (C0_2)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Gone to a restaurant, cafe, or shopping center (C0_3)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Spent time with someone who isn't currently staying with you (C0_4)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Attended a public event with more than 10 people (C0_5)</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Used public transit (C0_6)</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

**Display This Question:**

If C0_likert [ 1 ] (Count) > 0

**Carry Forward Selected Choices from “C0 likert”**
C13 In the last 24 hours, have you **worn a mask** when you have done any of the following?

<table>
<thead>
<tr>
<th>Activity</th>
<th>Yes (1)</th>
<th>No (2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gone to work outside the place where you are currently staying (C13_1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gone to a market, grocery store, or pharmacy (C13_2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gone to a restaurant, cafe, or shopping center (C13_3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spent time with someone who isn't currently staying with you (C13_4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attended a public event with more than 10 people (C13_5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Used public transit (C13_6)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Page Break
C1_m In the last 24 hours, have you had direct contact with anyone who is not staying with you? *Direct contact means spending longer than one minute within two meters of someone or touching, including shaking hands, hugging, or kissing.*

- Yes (1)
- No (2)

Display This Question:
If C1_m = 1

C2 How many people, who are not staying with you, have you had direct contact with in the last 24 hours?

- 1-4 people (1)
- 5-9 people (2)
- 10-19 people (3)
- 20 or more people (4)
C7 In the last 24 hours, about how many times have you washed your hands with soap and water or used hand sanitizer?

- 0 times (1)
- 1-2 times (2)
- 3-6 times (3)
- 7 or more times (4)

C8 Do you have access to soap and water for washing your hands at the place where you are currently staying?

- Yes (1)
- No (2)
C3 In the last 7 days, have you spent time at a health clinic or hospital (including as an employee, volunteer, visitor, or patient)?

- Yes (1)
- No (2)

C5 In the last 7 days, how often did you wear a mask when in public?

- All of the time (1)
- Most of the time (2)
- Some of the time (3)
- A little of the time (4)
- None of the time (5)
- I have not been in public in the last 7 days (6)

C6 In the last 7 days, on how many days did you spend time with people who aren't staying with you?

- 0 days (1)
- 1 day (2)
- 2-4 days (3)
- 5-7 days (4)
C14 How often are you intentionally avoiding contact with other people?

- All of the time (1)
- Most of the time (2)
- Some of the time (3)
- None of the time (4)

End of Block: C_contact

Start of Block: C_flu (ONLY ADMINISTERED IN NORTHERN HEMISPHERE COUNTRIES)

C9 There are two types of flu vaccines. One is a shot and the other is a spray, mist, or drop in the nose.

Have you gotten a seasonal flu vaccine since June 2020?

- Yes, I have gotten a seasonal flu vaccine since June 2020 (1)
- No, I have not gotten a seasonal flu vaccine since June 2020 (2)
- I'm not sure if I have gotten a seasonal flu vaccine since June 2020 (3)

Display This Question:
If C9 = 2

C10 Do you intend to get a seasonal flu vaccine by the end of January 2021?

- Yes, I intend to get a seasonal flu vaccine by the end of January 2021 (1)
- No, I do not intend to get a seasonal flu vaccine by the end of January 2021 (2)
- I'm not sure if I will get a seasonal flu vaccine by the end of January 2021 (3)
C11_no Why do you not intend to get a seasonal flu vaccine by the end of January 2021? Select all that apply.

- Cost (1)
- Inconvenience (2)
- Unsure where to get a flu vaccine (3)
- Don't think getting the flu vaccine is important (4)
- Haven't gotten the flu vaccine in the past (5)
- Unsure why (6)
- Other (7) ________________________________

Display This Question:
If C10 = 3

Display This Question:
If C10 = 2
C11 Unsure Why are you not sure if you will get a seasonal flu vaccine by the end of January 2021? Select all that apply.

- Cost (1)
- Inconvenience (2)
- Unsure where to get a flu vaccine (3)
- Don't think getting the flu vaccine is important (4)
- Haven't gotten the flu vaccine in the past (5)
- Unsure why (6)
- Other (7) ________________________________

C12 Thinking back to last year, did you get a flu vaccine between June 2019 and February 2020?

- Yes, I got a seasonal flu vaccine between June 2019 and February 2020 (1)
- No, I did not get a seasonal flu vaccine between June 2019 and February 2020 (2)
- I'm not sure if I got a seasonal flu vaccine between June 2019 and February 2020 (3)

End of Block: C_flu

Start of Block: D_menthealth_econ
D1 During the last 7 days, how often did you feel so nervous that nothing could calm you down?

- All of the time (1)
- Most of the time (2)
- Some of the time (3)
- A little of the time (4)
- None of the time (5)

D2 During the last 7 days, how often did you feel so depressed that nothing could cheer you up?

- All of the time (1)
- Most of the time (2)
- Some of the time (3)
- A little of the time (4)
- None of the time (5)
D3 How worried are you that you or someone in your immediate family might become seriously ill from coronavirus (COVID-19)?

- Very worried (1)
- Somewhat worried (2)
- Not too worried (3)
- Not worried at all (4)

D4 How worried are you about having enough to eat in the next week?

- Very worried (1)
- Somewhat worried (2)
- Not too worried (3)
- Not worried at all (4)

D5 How worried are you about your household’s finances in the next month?

- Very worried (1)
- Somewhat worried (2)
- Not too worried (3)
- Not worried at all (4)
If $D5 = 1$
Or $D5 = 2$

D6 Do any of the following reasons describe why you are worried about your household's finances in the next month?

<table>
<thead>
<tr>
<th>Reason</th>
<th>Yes (1)</th>
<th>No (2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loss of income ($D6_1$)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Healthcare costs related to coronavirus (COVID-19) ($D6_2$)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Healthcare costs NOT related to coronavirus (COVID-19) (including to treat other diseases, illnesses, injuries, or symptoms) ($D6_3$)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
D7 In the last 7 days, did you do any work for pay, or do any kind of business, farming, or other activity to earn money, even if only for one hour?

- Yes (1)
- No (2)

Display This Question:
If D7 = 2

D8 Before February 2020, were you working for pay, or doing any kind of business, farming, or other activity to earn money?

- Yes (1)
- No (2)
Display This Question:

If $D8 = 1$

D9 Why did you stop working?

- My employer closed for coronavirus-related reasons (1)
- My employer closed for another reason (2)
- I was laid off or furloughed (3)
- I am a seasonal worker (4)
- I was ill or quarantined (5)
- I needed to care for someone (6)
- Other (7)
D10a What is the main activity of the business or organization in which you work?

- Agriculture  (1)
- Buying and selling  (2)
- Construction  (3)
- Education  (4)
- Electricity / water / gas / waste  (5)
- Financial / insurance / real estate services  (6)
- Health  (7)
- Manufacturing  (8)
- Mining  (9)
- Personal services  (10)
- Professional / scientific / technical activities  (11)
- Public administration  (12)
- Tourism  (13)
- Transportation  (14)
- Other  (15)

*Display This Question:*

If $D8 = 1$
D10b What is the main activity of the business or organization in which you were working before February 2020?

- Agriculture  (1)
- Buying and selling  (2)
- Construction  (3)
- Education  (4)
- Electricity / water / gas / waste  (5)
- Financial / insurance / real estate services  (6)
- Health  (7)
- Manufacturing  (8)
- Mining  (9)
- Personal services  (10)
- Professional / scientific / technical activities  (11)
- Public administration  (12)
- Tourism  (13)
- Transportation  (14)
- Other  (15)
E3 What is your gender?

- Male (1)
- Female (2)
- Other (3)
- Prefer not to answer (4)

E4 What is your age?

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

E6 How many years of education have you completed?

________________________________________________________________
E2 Which of these best describes the area where you are staying?

- City (1)
- Town (2)
- Village or rural area (3)

E5 How many people slept in the place where you stayed last night (including yourself)?

_______________________________________________

E7 In the place where you are staying, how many rooms are used for sleeping?

- 1 room (1)
- 2 rooms (2)
- 3 rooms (3)
- 4 rooms (4)
- 5 or more rooms (5)

End of Block: E_demographics

Start of Block: F_app
F1 Do you have a smartphone?

- Yes (1)
- No (2)

Display This Question:
If $F1 = 1$

F2 Have you installed the following types of coronavirus (COVID-19)-related apps on your smartphone?

| A contact tracing app (1) | Yes (1) | No (2) |
| A symptom tracking app (2) | Yes (1) | No (2) |

Display This Question:
If $\text{country} = \text{Australia}$

F3_au Have you installed the COVIDSafe app on your smartphone?

- Yes (1)
- No (2)
- I don't know (3)

Display This Question:
If $\text{country} = \text{Germany}$
F3_de Have you installed the Corona-Warn-App on your smartphone?

- Yes (1)
- No (2)
- I don't know (3)

End of Block: F_app
This voluntary survey is part of a research study led by the University of Maryland. The purpose of this research is to gain a better public understanding of where and how the coronavirus pandemic is spreading. Your personal data shall be processed for this research purpose only. Even if you feel well, your participation will greatly aid our research. This survey will take about 3-5 minutes.

This study is not conducted by Facebook and no individual responses will be shared back to Facebook. The only information we receive from Facebook is your language preference and a random ID number and a statistical number (based upon age, gender and location, as well as other information from your Facebook data) to help correct for sample bias and help ensure the results are representative for your country. In order to ensure that we cannot identify you and to keep your responses confidential, we do not collect your name or any other personal data from you. Published results will be aggregated and will not identify you individually or your responses.

If you have questions about the study please contact: admin-C19survey-fb@umd.edu; 1204 Marie Mount Hall, College Park, MD 20742, USA.

You understand the above and consent to take part in this survey run by the University of Maryland.

- Yes (1)
- No (2)

For this research to be effective and contribute to a better public health understanding of where the coronavirus pandemic is moving, we want to share your responses, and the statistical number, with other academic institutions and NGOs, including those in your own country and elsewhere. Such researchers will only use your data for the research we have described and will not have access to any information that can identify you personally. Do you consent with sharing your data with these academic institutions?

- Yes (1)
- No (2)