

# COVID-19 Interventions Survey (Healthcare Professionals)

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## Page 1: Introduction

This survey on public health interventions to respond to COVID-19 is being carried out by researchers from the [UK Public Health Rapid Support Team \(UK-PHRST\)](#).

COVID-19 is a challenge worldwide and changing everyone's lives. Public health interventions with restrictions on a scale not seen in modern times are in place; at the same time new methods to support containment are being developed, medications are being tested and in the longer term vaccines may prevent the disease.

This survey aims to gain understanding of public health and healthcare workers' professional assessment of current and future COVID-19 interventions, specifically the practicality of, and barriers to, implementation in their context.

Your participation is important **to share learning to inform the COVID-19 response in your country and in others**. We aim to disseminate the learning from this survey through academic and online platforms to share professional experience worldwide in response to the pandemic.

### About This Survey

- This research has received approval from the London School of Hygiene and Tropical Medicine (LSHTM) Ethics Committee.
- The study is for healthcare and public health professionals worldwide.
- This study is anonymous, which means that we will not know who you are, and no information that could identify you will be used in any report or publication.
- The survey will take around 20 minutes to complete.
- The line at the top of the screen shows your progress through the survey.
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- This research will comply with the EU General Data Protection Regulation (GDPR) for research data management and storage.
- Summarised results will be shared through the [UK-PHRST Knowledge hub](#) and in publications.

We are hoping to get as many healthcare and public health workers worldwide to complete this survey, so please share widely.

For more information please contact [uk-phrst@lshtm.ac.uk](mailto:uk-phrst@lshtm.ac.uk).

Thank you for your time and help.

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1. Are you a **healthcare professional** aged **over 18 years** and **do you agree** to take part in this survey?

Yes

No

## Page 2: Information about survey questions

Please answer the following questions based on your **professional** opinion with respect to the **country you are most associated with (e.g. where you work or where you live) at the time you complete the survey.**

## Page 3: Shielding

**Shielding** is a measure to protect vulnerable people from coming into contact with COVID-19, by restricting interactions between them and others.

2. Are any population groups being shielded?

- Yes  No  Don't know

2.a. Which population groups are being shielded?

- Pregnant women  
 Older people  
 People who have long-term health conditions (e.g. HIV, diabetes, heart disease)  
 People who have weakened immune systems (e.g. tuberculosis (TB), cancer or transplant patients)  
 Don't know  
 Other

2.a.i. If you selected Other, please specify:

2.b. How easy do you think it is to implement shielding measures for pregnant women in terms of practical challenges? \*

Required

- Very easy  
 Easy  
 Difficult  
 Very difficult  
 Don't know

2.b.i. Which of the following do you think are barriers to implementing shielding measures for pregnant women?

- Lack of enforcement  
 Lack of policies and guidelines  
 Lack of communication between policy-makers and the public  
 Lack of communication between healthcare providers and the public  
 Lack of public support  
 Lack of home support for pregnant women (e.g. medical care, supply of food/medications)  
 Lack of financial support for pregnant women  
 Social stigma

- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Other
- Don't know

2.b.i.a. If you selected Other, please specify:

2.c. How easy do you think it is to implement shielding measures for older people in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

2.c.i. Which of the following do you think are barriers to implementing shielding measures for older people?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of communication between healthcare providers and the public
- Lack of public support
- Lack of home support for older people (e.g. medical care, supply of food/medications)
- Social stigma
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Other
- Don't know

2.c.i.a. If you selected Other, please specify:

2.d. How easy do you think it is to implement shielding measures for people with long-term conditions or those with weakened immune systems in terms of practical challenges?

- Very easy
- Easy
- Difficult

- Very difficult
- Don't know

2.d.i. Which of the following do you think are barriers to implementing shielding measures for people with long-term conditions or those with weakened immune systems?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of communication between policy-makers and healthcare providers
- Lack of communication between healthcare providers and the public
- Lack of public support
- Lack of home support for people with long-term conditions or those with weakened immune systems (e.g. medical care, supply of food/medications)
- Social stigma
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Other
- Don't know

2.d.i.a. If you selected Other, please specify:

## Page 4: Vaccines

The following questions refer to **vaccine use**, assuming a safe and effective vaccine for COVID-19 can be developed.

3. Do you think a vaccine, if developed, should be introduced to prevent COVID-19?

- Yes  No  Don't know

3.a. Do you think a vaccine should be prioritised for certain population groups (e.g. pregnant women, healthcare workers, older people)?

- Yes  
 No – everyone should be vaccinated  
 Don't know

3.a.i. Which of the following population groups do you think a vaccine should be prioritised for? (please select up to 3 groups)

- Infants  
 School age children  
 Pregnant women  
 People who are working  
 People who are carers for dependents  
 Older people  
 People who have long-term health conditions (e.g. diabetes, heart disease)  
 People who have weakened immune systems (e.g. cancer or transplant patients)  
 People who are in closed settings (e.g. prisons, long-term care facilities)  
 People who are displaced (e.g. living in refugee camps)  
 Healthcare/ Social care/ Emergency professionals  
 Other

3.a.i.a. If you selected Other, please specify:

3.b. How easy do you think it is to provide a COVID-19 vaccine to these population groups in terms of practical challenges?

	Very easy	Easy	Difficult	Very difficult	Don't know	Not applicable (NA)
Infants	<input type="checkbox"/>					
School age children	<input type="checkbox"/>					
Pregnant women	<input type="checkbox"/>					

People who are working	<input type="checkbox"/>					
People who are carers for dependents	<input type="checkbox"/>					
Older people	<input type="checkbox"/>					
People who have long-term health conditions (e.g. HIV, diabetes, heart disease)	<input type="checkbox"/>					
People who have weakened immune systems (e.g. tuberculosis, cancer or transplant patients)	<input type="checkbox"/>					
People who are in closed settings (e.g. prisons, long-term care facilities)	<input type="checkbox"/>					
People who are displaced (e.g. living in refugee camps)	<input type="checkbox"/>					
Healthcare/ Social care/ Emergency professionals	<input type="checkbox"/>					
People who are homeless	<input type="checkbox"/>					

3.c. Which of the following do you think are barriers to implementing a COVID-19 vaccine?

- Lack of vaccine supply
- Lack of financial support
- Lack of policies and guidelines
- Lack of trained staff
- Lack of communication between healthcare providers and the public
- Lack of communication between policy-makers and the public
- Lack of public support
- Lack of equipment (e.g. cold chain)
- Vaccine is manufactured in another country
- Public fear of vaccine safety
- Public fear of vaccine effectiveness
- Socio-cultural beliefs and practices
- Social stigma
- Don't know
- Other

3.c.i. If you selected Other, please specify:

## Page 5: Therapeutics

4. Are any medications (drugs) approved for COVID-19 use?

- Yes  No  Don't know
- Not applicable (NA) - I don't administer or prescribe medications in my profession

4.a. Which of the following medications/therapies have been approved to prevent/treat COVID-19 in your country?

- Dexamethasone
- Chloroquine
- Hydroxychloroquine
- Remdesivir
- Favipiravir
- Lopinavir-ritonavir (kaletra)
- Interferon beta-1a
- Convalescent plasma
- Natural/traditional treatments
- Other
- Don't know

4.a.i. If you selected Natural/traditional treatments, please specify:

4.a.ii. If you selected Other, please specify:

4.b. How easy do you think it is to provide a COVID-19 oral treatment in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

4.b.i. Which of the following do you think are barriers to providing a COVID-19 oral treatment?

- Lack of policies and guidelines
- Lack of communication between policy-makers and healthcare professionals
- Lack of communication between healthcare providers and the public
- Lack of communication between policy-makers and the public
- Lack of public support
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Lack of medication supply
- Lack of trained staff
- Social stigma
- Other
- Don't know

4.b.i.a. If you selected Other, please specify:

4.c. How easy do you think it is to provide a COVID-19 treatment via an injection in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

4.c.i. Which of the following do you think are barriers to providing a COVID-19 treatment via an injection?

- Lack of policies and guidelines
- Lack of communication between policy-makers and healthcare professionals
- Lack of communication between healthcare providers and the public
- Lack of communication between policy-makers and the public
- Lack of public support
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Lack of medication supply
- Lack of equipment to administer treatment (e.g. syringes, needles)
- Lack of trained staff
- Social stigma
- Other
- Don't know

4.c.i.a. If you selected Other, please specify:

4.d. How easy do you think it is to provide a COVID-19 intravenous treatment in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

4.d.i. Which of the following do you think are barriers to providing a COVID-19 intravenous treatment?

- Lack of policies and guidelines
- Lack of communication between policy-makers and healthcare professionals
- Lack of communication between healthcare providers and the public
- Lack of communication between policy-makers and the public
- Lack of public support
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Lack of medication supply
- Lack of equipment to administer treatment (e.g. infusion pump)
- Lack of trained staff
- Social stigma
- Other
- Don't know

4.d.i.a. If you selected Other, please specify:

4.e. How easy do you think it is to provide a COVID-19 inhaled treatment (e.g. via nebuliser) in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

4.e.i. Which of the following do you think are barriers to providing a COVID-19 inhaled treatment?

- Lack of policies and guidelines
- Lack of communication between policy-makers and healthcare professionals
- Lack of communication between healthcare providers and the public
- Lack of communication between policy-makers and the public
- Lack of public support
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Lack of medication supply
- Lack of equipment to provide treatment (e.g. nebuliser machine)
- Lack of trained staff
- Social stigma
- Other
- Don't know

4.e.i.a. If you selected Other, please specify:

4.f. How easy do you think it is to provide blood products (e.g. transfusion of plasma) for COVID-19 treatment in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

4.f.i. Which of the following do you think are barriers to providing blood products (e.g. transfusion of plasma) for COVID-19 treatment?

- Lack of policies and guidelines
- Lack of communication between policy-makers and healthcare professionals
- Lack of communication between healthcare providers and the public
- Lack of communication between policy-makers and the public
- Lack of public support
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Lack of donors
- Lack of equipment to provide treatment (e.g. intravenous pump)
- Lack of trained staff
- Social stigma
- Lack of blood services
- Lack of technology infrastructure (e.g. laboratory, cold chain)

- Other
- Don't know

**4.f.i.a.** If you selected Other, please specify:

## Page 6: Delivery of Essential Healthcare Services

5. Has the delivery of essential healthcare services been affected?

- Yes
- No
- Don't know

5.a. Which of the following essential healthcare services have been affected?

- Immunisation programmes
- Maternal and Reproductive Health (e.g. facility-based deliveries, antenatal care)
- HIV/AIDs
- Tuberculosis
- Malaria
- Auxiliary services (e.g. laboratory and blood bank services, basic diagnostic imaging)
- Critical inpatient therapies
- Provision of medications and supplies for chronic or communicable diseases
- Care for vulnerable populations
- Emergency care that requires time-sensitive intervention
- Other

5.a.i. If you selected Other, please specify:

5.b. How easy do you think it is for the following essential healthcare services to operate as normal in terms of practical challenges?

	Very easy	Easy	Difficult	Very Difficult	Don't know	Not applicable (NA)
Immunisation programmes	<input type="checkbox"/>					
Maternal and Reproductive Health (e.g. facility-based deliveries, antenatal care)	<input type="checkbox"/>					
HIV/AIDs	<input type="checkbox"/>					
Tuberculosis	<input type="checkbox"/>					
Malaria	<input type="checkbox"/>					
Auxiliary services (e.g. laboratory and blood bank services, basic diagnostic imaging)	<input type="checkbox"/>					
Critical inpatient therapies	<input type="checkbox"/>					
Provision of medications and supplies for chronic or communicable diseases	<input type="checkbox"/>					

Care for vulnerable populations	<input type="checkbox"/>					
Emergency care that requires time-sensitive intervention	<input type="checkbox"/>					

5.c. Do you think there are barriers to providing essential healthcare services?

- Yes
- No
- Don't know

5.c.i. Which of the following do you think are barriers to providing essential healthcare services?

- Lack of trained staff
- Lack of PPE
- Lack of supply of treatments/vaccines
- Lack of public support
- Lack of communication with healthcare providers and the public
- Lack of communication between policy-makers and healthcare professionals
- Lack of policies and guidelines
- Lack of communication with policy-makers and the public
- Misinformation (e.g. rumours or myths)
- Other

5.c.i.a. If you selected Other, please specify:

## Page 7: Personal Protective Equipment (PPE)

6. Is PPE for COVID-19 being used to perform certain healthcare activities in your place of work?

- Yes  
 No  
 Don't know

6.a. Which PPE for COVID-19 is being used for the following activities?

	Medical masks	N-95/ FFP2/FFP3 masks	Gowns	Gloves	Aprons	Face shields	Goggles/ glasses	None	Don't know	Not applicable (NA)
Providing direct patient care or assistance to suspected COVID-19 patients	<input type="checkbox"/>									
Providing direct patient care or assistance to confirmed COVID-19 patients	<input type="checkbox"/>									
Providing direct care to COVID-19 patients in settings where aerosol-generating procedures are frequently performed (e.g. open suctioning, cardiopulmonary resuscitation)	<input type="checkbox"/>									
Collecting laboratory samples	<input type="checkbox"/>									
Interviewing and assessing persons with or without symptoms (no direct contact/physical distance of at least 1 metre)	<input type="checkbox"/>									

6.a.i. If PPE for COVID-19 is being used for Other activities, please specify which activities and what PPE is being used (e.g. medical masks, gowns):

6.b. How easy do you think it is to implement PPE for COVID-19 to perform healthcare activities in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

6.b.i. Which of the following do you think are barriers to implementing PPE for COVID-19 to perform healthcare activities?

- Lack of N-95 / FFP2 / FFP3 masks
- Lack of medical masks
- Lack of eye protection equipment
- Lack of gloves
- Lack of gowns
- Lack of policies and guidelines
- Lack of communication between policy-makers and healthcare professionals
- Lack of awareness of policies and guidelines among healthcare professionals
- Insufficient staff training
- Discomfort of wearing PPE
- Poor quality of PPE
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Social stigma
- Other
- Don't know

6.b.i.a. If you selected Other, please specify:

## Page 8: About you

7. What is your profession?

- Doctor
- Nurse
- Midwife
- Community health worker
- Other

7.a. If you selected Other, please specify:

8. What type of health facility do you work at/with?

- Community clinic/health post
- Government local/district hospital
- Government referral hospital
- Private community clinic
- Private local/district hospital
- Private referral hospital
- Research institute
- Other

8.a. If you selected Other, please specify:

9. Please tell us which country you have answered the survey questions for:

9.a. If you selected Other, please specify:

10. What is your age?

- 18 - 35
- 35 - 44
- 45 - 54
- 55 - 64
- 65 - 74
- 75 and over
- Prefer not to say

11. What is your gender?

- Male
- Female
- Transgender
- Another gender
- Prefer not to say

Page 9: Additional information

12. Is there anything else you would like us to know?

13. If you are willing to be contacted at a later stage regarding future research work on COVID-19 please provide an email address. In doing so you consent to your details being held anonymously, securely, and separate from other data by the UK-PHRST for 12 months.

Please enter a valid email address.

## Page 10: End of survey

We appreciate your time and help completing this survey.

We will share the findings and results to inform outbreak response to COVID-19 and other diseases in the future through the UK-PHRST Knowledge Hub (<https://uk-phrst.tghn.org/>) and in publications. You are welcome to join the UKPHRST Knowledge Hub community of practice which brings together public health policymakers and researchers to support translation of data to action (<https://uk-phrst.tghn.org/community/>).

If you have any questions, please email [uk-phrst@lshtm.ac.uk](mailto:uk-phrst@lshtm.ac.uk)

Thank you.

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## Key for selection options

### 9 - Please tell us which country you have answered the survey questions for:

Afghanistan  
Albania  
Algeria  
Andorra  
Angola  
Antigua and Barbuda  
Argentina  
Armenia  
Australia  
Austria  
Azerbaijan  
Bahamas  
Bahrain  
Bangladesh  
Barbados  
Belarus  
Belgium  
Belize  
Benin  
Bhutan  
Bolivia  
Bosnia and Herzegovina  
Botswana  
Brazil  
Brunei Darussalam  
Bulgaria  
Burkina Faso  
Burundi  
Cabo Verde  
Cambodia  
Cameroon  
Canada  
Central African Republic  
Chad  
Chile

China  
Colombia  
Comoros  
Congo  
Costa Rica  
Côte D'Ivoire  
Croatia  
Cuba  
Cyprus  
Czech Republic  
Democratic People's Republic of Korea  
Democratic Republic of the Congo  
Denmark  
Djibouti  
Dominica  
Dominican Republic  
Ecuador  
Egypt  
El Salvador  
Equatorial Guinea  
Eritrea  
Estonia  
Eswatini  
Ethiopia  
Fiji  
Finland  
France  
Gabon  
Gambia (Republic of The)  
Georgia  
Germany  
Ghana  
Greece  
Grenada  
Guatemala  
Guinea  
Guinea Bissau  
Guyana  
Haiti  
Honduras  
Hungary  
Iceland  
India  
Indonesia  
Iran (Islamic Republic of)  
Iraq  
Ireland  
Israel  
Italy  
Jamaica  
Japan  
Jordan  
Kazakhstan  
Kenya  
Kiribati  
Kuwait

Kyrgyzstan  
Lao People's Democratic Republic  
Latvia  
Lebanon  
Lesotho  
Liberia  
Libya  
Liechtenstein  
Lithuania  
Luxembourg  
Madagascar  
Malawi  
Malaysia  
Maldives  
Mali  
Malta  
Marshall Islands  
Mauritania  
Mauritius  
Mexico  
Micronesia (Federated States of)  
Monaco  
Mongolia  
Montenegro  
Morocco  
Mozambique  
Myanmar  
Namibia  
Nauru  
Nepal  
Netherlands  
New Zealand  
Nicaragua  
Niger  
Nigeria  
North Macedonia  
Norway  
Oman  
Palau  
Panama  
Papua New Guinea  
Paraguay  
Peru  
Philippines  
Poland  
Portugal  
Qatar  
Republic of Korea  
Republic of Moldova  
Romania  
Russian Federation  
Rwanda  
Saint Kitts and Nevis  
Saint Lucia  
Saint Vincent and the Grenadines  
Samoa

San Marino  
Sao Tome and Principe  
Saudi Arabia  
Senegal  
Serbia  
Seychelles  
Sierra Leone  
Singapore  
Slovakia  
Slovenia  
Solomon Islands  
Somalia  
South Africa  
South Sudan  
Spain  
Sri Lanka  
Sudan  
Suriname  
Sweden  
Switzerland  
Syrian Arab Republic  
Tajikistan  
Thailand  
Timor-Leste  
Togo  
Tonga  
Trinidad and Tobago  
Tunisia  
Turkey  
Turkmenistan  
Tuvalu  
Uganda  
Ukraine  
United Arab Emirates  
United Kingdom of Great Britain and Northern Ireland  
United Republic of Tanzania  
United States of America  
Uruguay  
Uzbekistan  
Vanuatu  
Venezuela, Bolivarian Republic of  
Vietnam  
Yemen  
Zambia  
Zimbabwe  
Other

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Thank you for your time and help.

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**1.** Are you a **public health professional** aged **over 18 years** and **do you agree** to take part in this survey?

Yes

No

## Page 2: Information about survey questions

Please answer the following questions based on your **professional** opinion with respect to the **country you are most associated with (e.g. where you work or where you live) at the time you complete the survey.**

## Page 3: Restrictions on travel: international

2. Are there any restrictions on international travel?

- Yes  No  Don't know

2.a. Which restrictions on international travel are in place?

- Entry restrictions: denial of entry from specific countries or any country
- Exit restrictions: denial of exit to specific countries
- Suspended or restricted international flights
- International land borders closure (partial or complete)
- Visa restrictions
- Entry screening and isolation or quarantine
- Exit screening and isolation or quarantine
- Suspended or restricted international ferries or ships
- Other

2.a.i. If you selected Other, please specify:

2.b. How easy do you think it is to implement international entry/exit restrictions in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

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**2.b.i.** Which of the following do you think are barriers to implementing international entry/exit restrictions?

- Lack of enforcement
- Lack of financial support
- Lack of trained staff
- Lack of equipment
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of public support
- Other
- Don't know

**2.b.i.a.** If you selected Other, please specify:

**2.c.** How easy do you think it is to implement restrictions on international flights, ferries or ships in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

**2.c.i.** Which of the following do you think are barriers to implementing restrictions on international flights, ferries or ships?

- Lack of enforcement
- Lack of financial support
- Lack of trained staff
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of public support
- Other
- Don't know

**2.c.i.a.** If you selected Other, please specify:

**2.d.** How easy do you think it is to implement entry/exit screening, isolation and quarantine measures in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

**2.d.i.** Which of the following do you think are barriers to implementing entry/exit screening, isolation and quarantine measures?

- Lack of enforcement
- Lack of financial support
- Lack of trained staff
- Lack of equipment
- Lack of policies and guidelines

- Lack of communication between policy-makers and the public
- Lack of public support
- Other
- Don't know

**2.d.i.a.** If you selected Other, please specify:

**2.e.** How easy do you think it is to implement visa restrictions (e.g. suspension or restrictions on work or travels visas) in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

**2.e.i.** Which of the following do you think are barriers to implementing visa restrictions (e.g. suspension or restrictions on work or travels visas)?

- Lack of enforcement
- Lack of financial support
- Lack of trained staff
- Lack of policies and guidelines
- Lack of public support
- Other
- Don't know

**2.e.i.a.** If you selected Other, please specify:



## Page 4: Restrictions on travel: in-country (domestic)

3. Are there any restrictions on in-country (domestic) travel?

- Yes  No  Don't know

3.a. Which restrictions on in-country (domestic) travel are in place?

- Denial or restricted entry into other sub-national areas (e.g. states or provinces)  
 Curfew (restricted movement at a particular time)  
 Suspended or restricted movement within the country (e.g. restricted domestic flights, public transport)  
 Non-essential movement restricted (e.g. stay at home order, lockdown)  
 Other

3.a.i. If you selected Other, please specify:

3.b. How easy do you think it is to implement non-essential movement restrictions (e.g. stay at home order, lockdown) in terms of practical challenges?

- Very easy  
 Easy  
 Difficult  
 Very difficult  
 Don't know

3.b.i. Which of the following do you think are barriers to implementing non-essential movement restrictions (e.g. stay at home order, lockdown)?

- Lack of enforcement
- Lack of financial support
- Lack of trained staff
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of public support
- Other
- Don't know

**3.b.i.a.** If you selected Other, please specify:

**3.c.** How easy do you think it is to implement denial or restricted entry into other sub-national areas (e.g. states or provinces) / suspended or restricted movement within the country (e.g. restricted domestic flights, public transport) in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

**3.c.i.** Which of the following do you think are barriers to implementing denial or restricted entry into other sub-national areas (e.g. states or provinces) /suspended or restricted movement within the country (e.g. restricted domestic flights, public transport)?

- Lack of enforcement
- Lack of trained staff
- Lack of policies and guidelines

- Lack of communication between policy-makers and the public
- Lack of public support
- Other
- Don't know

**3.c.i.a.** If you selected Other, please specify:

## Page 5: Restrictions on offices, businesses and institutions

4. Are there any restrictions on offices, institutions or businesses (e.g. partly or fully closed)?

Yes

No

Don't know

4.a. Which restrictions on the following offices, businesses and institutions are in place?

- Offices
- Restaurants
- Bars
- Sports facilities (e.g. clubs, fitness centres, gyms)
- Hotels
- Places of worship
- Cultural centres (e.g. museums, libraries)
- Conference centres
- Food shops/markets
- Entertainment venues (e.g. cinemas)
- Schools (e.g. childcare centres, primary schools, secondary schools)
- Higher Education Institutions (e.g. universities)
- Other

4.a.i. If you selected Other, please specify:

4.b. How easy do you think it is to implement restrictions on offices in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

**4.b.i.** Which of the following do you think are barriers to implementing restrictions on offices?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of public support
- Lack of support from employer to work at home
- Lack of financial support for people who have been furloughed (temporary leave)
- Other
- Don't know

**4.b.i.a.** If you selected Other, please specify:

**4.c.** How easy do you think it is to implement restrictions on food shops/markets in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

4.c.i. Which of the following do you think are barriers to implementing restrictions on food shops/markets?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of public support
- Lack of financial support for food shop/market owners
- Lack of financial support for people who have been furloughed (put on temporary leave)
- Other
- Don't know

4.c.i.a. If you selected Other, please specify:

4.d. How easy do you think it is to implement restrictions on places of worship in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

4.d.i. Which of the following do you think are barriers to implementing restrictions on places of worship?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of public support
- Other
- Don't know

**4.d.i.a.** If you selected Other, please specify:

**4.e.** How easy do you think it is to implement restrictions on schools or higher education institutions in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

**4.e.i.** Which of the following do you think are barriers to implementing restrictions on schools or higher education institutes?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of public support
- Lack of remote/distance learning support (e.g. limited or no access to remote education resources, laptops, internet)
- Lack of childcare support

- Other
- Don't know

4.e.i.a. If you selected Other, please specify:

4.f. How easy do you think it is to implement restrictions on bars, hotels and restaurants in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

4.f.i. Which of the following do you think are barriers to implementing restrictions on bars, restaurants and hotels?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of public support
- Lack of financial support for owners of bars, restaurants and hotels
- Other
- Don't know

4.f.i.a. If you selected Other, please specify:

**4.g.** How easy do you think it is to implement restrictions on entertainment, conference, sport and cultural centres in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

**4.g.i.** Which of the following do you think are barriers to implementing restrictions on entertainment, conference, sport and cultural centres ?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of public support
- Lack of financial support for owners of restrictions on entertainment, conference, sport and cultural centres
- Other
- Don't know

**4.g.i.a.** If you selected Other, please specify:

## Page 6: Restrictions on gatherings of people

5. Are there any restrictions on gatherings of people?

- Yes  No  Don't know

5.a. Which restrictions on gatherings of people are in place?

- Private gatherings at home  
 Private gatherings outside the home (e.g. funerals)  
 Public gatherings outside the home  
 Mass gatherings (e.g. conferences)  
 Other

5.a.i. If you selected Other, please specify:

5.b. How easy do you think it is to implement restrictions on private gatherings at home in terms of practical challenges?

- Very easy  
 Easy  
 Difficult  
 Very difficult  
 Don't know

5.b.i. Which of the following do you think are barriers to implementing restrictions on private gatherings at home?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of public support
- Other
- Don't know

**5.b.i.a.** If you selected Other, please specify:

**5.c.** How easy do you think it is to implement restrictions on private gatherings outside the home (e.g. funerals) in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

**5.c.i.** Which of the following do you think are barriers to implementing restrictions on private gatherings outside the home (e.g. funerals)?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of public support
- Other
- Don't know

5.c.i.a. If you selected Other, please specify:

5.d. How easy do you think it is to implement restrictions on public gatherings outside the home in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

5.d.i. Which of the following do you think are barriers to implementing restrictions on public gatherings outside the home?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of public support
- Socio-cultural practices and beliefs
- Other
- Don't know

5.d.i.a. If you selected Other, please specify:

5.e. How easy do you think it is to implement restrictions on mass gatherings (e.g. conferences) in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

5.e.i. Which of the following do you think are barriers to implementing restrictions on mass gatherings (e.g. conferences)?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of public support
- Socio-cultural practices and beliefs
- Lack of resources to support mass gathering remotely (e.g. technology infrastructure)
- Other
- Don't know

5.e.i.a. If you selected Other, please specify:

## Page 7: Individual measures

6. Are there any individual measures in place (e.g. handwashing, facemasks)?

- Yes  No  Don't know

6.a. Which individual measures are in place?

- Handwashing  
 Respiratory etiquette (e.g. covering mouth and nose with a tissue when coughing or sneezing)  
 Face masks  
 Face coverings  
 Physical distancing  
 Temperature monitoring  
 Other

6.a.i. If you selected Other, please specify:

6.b. How easy do you think it is to implement handwashing in terms of practical challenges?

- Very easy  
 Easy  
 Difficult  
 Very difficult  
 Don't know

6.b.i. Which of the following do you think are barriers to implementing handwashing?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of communication between healthcare providers and the public
- Lack of public support
- Lack of resources (e.g. handwashing areas, water, soap, alcohol rub)
- Social stigma
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Other
- Don't know

6.b.i.a. If you selected Other, please specify:

6.c. How easy do you think it is to implement respiratory etiquette (e.g. covering mouth and nose with a bent elbow or tissue when coughing or sneezing) in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

6.c.i. Which of the following do you think are barriers to implementing respiratory etiquette (e.g. covering mouth and nose with a bent elbow or tissue when coughing or

sneezing)?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of communication between healthcare providers and the public
- Lack of public support
- Social stigma
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Other
- Don't know

**6.c.i.a.** If you selected Other, please specify:

**6.d.** How easy do you think it is to implement face masks/ face coverings in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

**6.d.i.** Which of the following do you think are barriers to implementing face masks/ face coverings?

- Lack of enforcement

- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of communication between healthcare providers and the public
- Lack of public support
- Lack of resources (e.g. face masks/ face coverings)
- Social stigma
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Other
- Don't know

**6.d.i.a.** If you selected Other, please specify:

**6.e.** How easy do you think it is to implement physical distancing in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

**6.e.i.** Which of the following do you think are barriers to implementing physical distancing?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public

- Lack of communication between healthcare providers and the public
- Lack of public support
- Social stigma
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Not possible to maintain physical distance at workplace due to the nature of the work
- Other
- Don't know

**6.e.i.a.** If you selected Other, please specify:

**6.f.** How easy do you think it is to implement temperature monitoring in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

**6.f.i.** Which of the following do you think are barriers to implementing temperature monitoring?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of communication between healthcare providers and the public

- Lack of public support
- Lack of equipment
- Social stigma
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Other
- Don't know

**6.f.i.a.** If you selected Other, please specify:

## Page 8: Contact tracing

7. Is contact tracing being conducted?

- Yes  No  Don't know

7.a. Which contact tracing methods are being used?

- Physical contact tracing (e.g. conducted by people)  
 Mobile phone applications (apps) (e.g. Mobile phone global positioning system (GPS))  
 Closed-circuit television (CCTV)  
 Electronic tags  
 Bank card transactions  
 Other  
 Don't know

7.a.i. If you selected Other, please specify:

7.b. How easy do you think it is to implement physical contact tracing methods (e.g. in-person visits, by phone) in terms of practical challenges?

- Very easy  
 Easy  
 Difficult  
 Very difficult  
 Don't know

7.b.i. Which of the following do you think are barriers to implementing physical contact tracing methods (e.g. in-person visits, by phone)?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of communication between healthcare providers and the public
- Lack of public support
- Lack of trained staff
- Lack of technology infrastructure
- Privacy laws
- Social stigma
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Other
- Don't know

7.b.i.a. If you selected Other, please specify:

7.c. How easy do you think it is to implement mobile phone contact tracing apps / GPS-based tracing in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

**7.c.i.** Which of the following do you think are barriers to implementing mobile phone contact tracing apps / GPS-based tracing?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of communication between healthcare providers and the public
- Lack of public support
- Lack of trained staff
- Lack of technology infrastructure
- Privacy laws
- Social stigma
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Other
- Don't know

**7.c.i.a.** If you selected Other, please specify:

**7.d.** How easy do you think it is to implement closed-circuit television (CCTV)/ electronic tags as contact tracing methods in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

7.d.i. Which of the following do you think are barriers to implementing closed-circuit television (CCTV)/ electronic tags as contact tracing methods?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of communication between healthcare providers and the public
- Lack of public support
- Lack of trained staff
- Lack of technology infrastructure
- Privacy laws
- Social stigma
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Other
- Don't know

7.d.i.a. If you selected Other, please specify:

7.e. How easy do you think it is to implement contact tracing methods using peoples' bank card transactions in terms of practical challenges?

- Very easy
- Easy
- Difficult
- Very difficult
- Don't know

7.e.i. Which of the following do you think are barriers to implementing contact tracing methods using peoples' bank card transactions?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of communication between healthcare providers and the public
- Lack of public support
- Lack of trained staff
- Lack of technology infrastructure
- Privacy laws
- Social stigma
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Other
- Don't know

7.e.i.a. If you selected Other, please specify:

## Page 9: Shielding

**Shielding** is a measure to protect vulnerable people from coming into contact with COVID-19, by restricting interactions between them and others.

8. Are any population groups being shielded?

Yes

No

Don't know

8.a. Which population groups are being shielded?

Pregnant women

Older people

People who have long-term health conditions (e.g. HIV, diabetes, heart disease)

People who have weakened immune systems (e.g. tuberculosis (TB), cancer or transplant patients)

Other

Don't know

8.a.i. If you selected Other, please specify:

8.b. How easy do you think it is to implement shielding measures for pregnant women in terms of practical challenges?

Very easy

Easy

- Difficult
- Very difficult
- Don't know

**8.b.i.** Which of the following do you think are barriers to implementing shielding measures for pregnant women?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of communication between healthcare providers and the public
- Lack of public support
- Lack of home support for pregnant women (e.g. medical care, supply of food/medications)
- Lack of financial support for pregnant women
- Social stigma
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Other
- Don't know

**8.b.i.a.** If you selected Other, please specify:

**8.c.** How easy do you think it is to implement shielding measures for older people in terms of practical challenges?

- Very easy
- Easy

- Difficult
- Very difficult
- Don't know

**8.c.i.** Which of the following do you think are barriers to implementing shielding measures for older people?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of communication between healthcare providers and the public
- Lack of public support
- Lack of home support for older people (e.g. medical care, supply of food/medications)
- Social stigma
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Other
- Don't know

**8.c.i.a.** If you selected Other, please specify:

**8.d.** How easy do you think it is to implement shielding measures for people with long-term conditions or those with weakened immune systems in terms of practical challenges?

- Very easy
- Easy

- Difficult
- Very difficult
- Don't know

**8.d.i.** Which of the following do you think are barriers to implementing shielding measures for people with long-term conditions or those with weakened immune systems?

- Lack of enforcement
- Lack of policies and guidelines
- Lack of communication between policy-makers and the public
- Lack of communication between policy-makers and healthcare providers
- Lack of communication between healthcare providers and the public
- Lack of public support
- Lack of home support for people with long-term conditions or those with weakened immune systems (e.g. medical care, supply of food/medications)
- Social stigma
- Misinformation (e.g. rumours or myths)
- Socio-cultural beliefs and practices
- Other
- Don't know

**8.d.i.a.** If you selected Other, please specify:

## Page 10: Vaccines

The following questions refer to **vaccine use**, assuming a safe and effective vaccine for COVID-19 can be developed.

9. Do you think a vaccine, if developed, should be introduced to prevent COVID-19?

- Yes  No  Don't know

9.a. Do you think a vaccine should be prioritised for certain population groups (e.g. pregnant women, healthcare workers, older people)?

- Yes  
 No – everyone should be vaccinated  
 Don't know

9.a.i. Which of the following population groups do you think a vaccine should be prioritised for? (please select up to 3 groups)

- Infants  
 School age children  
 Pregnant women  
 People who are working  
 People who are carers for dependents  
 Older people  
 People who have long-term health conditions (e.g. diabetes, heart disease)  
 People who have weakened immune systems (e.g. cancer or transplant patients)  
 People who are in closed settings (e.g. prisons, long-term care facilities)  
 People who are displaced (e.g. living in refugee camps)  
 Healthcare/ Social care/ Emergency professionals  
 Homeless people

Don't know

Other

**9.a.i.a.** If you selected Other, please specify:

**9.b.** How easy do you think it is to provide a COVID-19 vaccine to these population groups in terms of practical challenges?

	Very easy	Easy	Difficult	Very difficult	Don't know	Not applicable (NA)
Infants	<input type="checkbox"/>					
School age children	<input type="checkbox"/>					
Pregnant women	<input type="checkbox"/>					
People who are working	<input type="checkbox"/>					
People who are carers for dependents	<input type="checkbox"/>					
Older people	<input type="checkbox"/>					
People who have long-term health conditions (e.g. HIV, diabetes, heart disease)	<input type="checkbox"/>					

People who have weakened immune systems (e.g. tuberculosis, cancer or transplant patients)	<input type="checkbox"/>					
People who are in closed settings (e.g. prisons, long-term care facilities)	<input type="checkbox"/>					
People who are displaced (e.g. living in refugee camps)	<input type="checkbox"/>					
Healthcare/ Social care/ Emergency professionals	<input type="checkbox"/>					
People who are homeless	<input type="checkbox"/>					

9.c. Which of the following do you think are barriers to implementing a COVID-19 vaccine?

- Lack of vaccine supply
- Lack of financial support
- Lack of policies and guidelines
- Lack of trained staff
- Lack of communication between healthcare providers and the public
- Lack of communication between policy-makers and the public
- Lack of public support

- Lack of equipment (e.g. cold chain)
- Vaccine is manufactured in another country
- Public fear of vaccine safety
- Public fear of vaccine effectiveness
- Socio-cultural beliefs and practices
- Social stigma
- Other
- Don't know

**9.c.i.** If you selected Other, please specify:

## Page 11: About you

10. What type of institution do you work for?

- Government
- Non-governmental or not-for-profit agency
- Research
- Higher Education
- Multilateral organisation
- Other

10.a. If you selected Other, please specify:

11. What level do you work at?

- Community/District
- County/Regional
- National
- International
- Other

11.a. If you selected Other, please specify:

12. Please tell us which country you have answered the survey questions for:

12.a. If you selected Other, please specify:

13. What is your age?

- 18 - 35
- 35 - 44
- 45 - 54
- 55 - 64
- 65 - 74
- 75 and over
- Prefer not to say

14. What is your gender?

- Male
- Female
- Transgender
- Another gender
- Prefer not to say

## Page 12: Additional information

15. Is there anything else you would like us to know?

16. If you are willing to be contacted at a later stage regarding future research work on COVID-19 please provide an email address. In doing so you consent to your details being held anonymously, securely and separate from other data by the UK-PHRST for 12 months.

## Page 13: End of survey

We appreciate your time and help completing this survey.

We will share the findings and results to inform outbreak response to COVID-19 and other diseases in the future through the UK-PHRST Knowledge Hub (<https://uk-phrst.tghn.org/>) and in publications. You are welcome to join the UKPHRST Knowledge Hub community of practice which brings together public health policymakers and researchers to support translation of data to action (<https://uk-phrst.tghn.org/community/>).

If you have any questions, please email [uk-phrst@lshtm.ac.uk](mailto:uk-phrst@lshtm.ac.uk)

Thank you.

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## Key for selection options

### 12 - Please tell us which country you have answered the survey questions for:

Afghanistan  
Albania  
Algeria  
Andorra  
Angola  
Antigua and Barbuda  
Argentina  
Armenia  
Australia  
Austria  
Azerbaijan  
Bahamas  
Bahrain  
Bangladesh  
Barbados  
Belarus  
Belgium  
Belize

Benin  
Bhutan  
Bolivia  
Bosnia and Herzegovina  
Botswana  
Brazil  
Brunei Darussalam  
Bulgaria  
Burkina Faso  
Burundi  
Cabo Verde  
Cambodia  
Cameroon  
Canada  
Central African Republic  
Chad  
Chile  
China  
Colombia  
Comoros  
Congo  
Costa Rica  
Côte D'Ivoire  
Croatia  
Cuba  
Cyprus  
Czech Republic  
Democratic People's Republic of Korea  
Democratic Republic of the Congo  
Denmark  
Djibouti  
Dominica  
Dominican Republic  
Ecuador  
Egypt  
El Salvador  
Equatorial Guinea  
Eritrea  
Estonia  
Eswatini

Ethiopia  
Fiji  
Finland  
France  
Gabon  
Gambia (Republic of The)  
Georgia  
Germany  
Ghana  
Greece  
Grenada  
Guatemala  
Guinea  
Guinea Bissau  
Guyana  
Haiti  
Honduras  
Hungary  
Iceland  
India  
Indonesia  
Iran (Islamic Republic of)  
Iraq  
Ireland  
Israel  
Italy  
Jamaica  
Japan  
Jordan  
Kazakhstan  
Kenya  
Kiribati  
Kuwait  
Kyrgyzstan  
Lao People's Democratic Republic  
Latvia  
Lebanon  
Lesotho  
Liberia  
Libya

Liechtenstein  
Lithuania  
Luxembourg  
Madagascar  
Malawi  
Malaysia  
Maldives  
Mali  
Malta  
Marshall Islands  
Mauritania  
Mauritius  
Mexico  
Micronesia (Federated States of)  
Monaco  
Mongolia  
Montenegro  
Morocco  
Mozambique  
Myanmar  
Namibia  
Nauru  
Nepal  
Netherlands  
New Zealand  
Nicaragua  
Niger  
Nigeria  
North Macedonia  
Norway  
Oman  
Palau  
Panama  
Papua New Guinea  
Paraguay  
Peru  
Philippines  
Poland  
Portugal  
Qatar

Republic of Korea  
Republic of Moldova  
Romania  
Russian Federation  
Rwanda  
Saint Kitts and Nevis  
Saint Lucia  
Saint Vincent and the Grenadines  
Samoa  
San Marino  
Sao Tome and Principe  
Saudi Arabia  
Senegal  
Serbia  
Seychelles  
Sierra Leone  
Singapore  
Slovakia  
Slovenia  
Solomon Islands  
Somalia  
South Africa  
South Sudan  
Spain  
Sri Lanka  
Sudan  
Suriname  
Sweden  
Switzerland  
Syrian Arab Republic  
Tajikistan  
Thailand  
Timor-Leste  
Togo  
Tonga  
Trinidad and Tobago  
Tunisia  
Turkey  
Turkmenistan  
Tuvalu

Uganda  
Ukraine  
United Arab Emirates  
United Kingdom of Great Britain and Northern Ireland  
United Republic of Tanzania  
United States of America  
Uruguay  
Uzbekistan  
Vanuatu  
Venezuela, Bolivarian Republic of  
Vietnam  
Yemen  
Zambia  
Zimbabwe  
Other

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