Consent

Q1.1.
We, Professor Philip Clarke and Professor Raymond Duch, and our teams, are researchers at the University of Oxford, United Kingdom, conducting a study on public attitudes related to a possible vaccine for COVID-19.

We appreciate your interest in participating in this online survey. Please read through this information before agreeing to participate by ticking the 'yes' box below.

You will be given some questions to read and then asked to answer questions on the COVID-19 virus and a possible vaccine for the virus. This should take about 25-30 minutes. No background knowledge is required. The information that we gather from this study will be used to understand more about citizens' opinions about a vaccine for the COVID-19 virus. The project results will be used to help develop a fair and efficient allocation mechanism to facilitate vaccine prioritisation, and also to promote vaccine uptake.

Do I have to take part?
Your participation is voluntary. You may withdraw at any point during the questionnaire for any reason before submitting your answers by closing the browser. **However, we are only able to reimburse participants who complete the full survey.**

How will my data be used?
We will not collect any information that would directly identify a participant, so none of the researchers will be able to identify you. The anonymous survey data that you provide will be made available to researchers and may be used in academic publications. Such data will be stored in a secure cloud (OneDrive for Business) of the University of Oxford for a minimum of three years after publication or public release. Anonymous survey data may be securely transferred to, stored and/or processed at a destination outside your country of residence. By completing the survey, you agree to

this transfer, storage or processing of data, from which nobody will be able to identify you.

Who will have access to my data?
The University of Oxford will have access to your survey data. The University will process your data for the purpose of the research outlined above. Research is a task that we perform in the public interest. Further information about your rights with respect to your personal data is available from https://compliance.admin.ox.ac.uk/individual-rights.

Responsible members of the University of Oxford and funders may be given access to your survey data for monitoring and/or audit of the study to ensure we are complying with guidelines, or as otherwise required by law.

Can I opt-out from this panel or ask for my data to be deleted?
Participants cannot withdraw themselves or their data once they have submitted the survey responses. We will retain a copy of the data on our, University of Oxford, servers.

This survey is for a research project of the Health Economics Research Centre based at the University of Oxford. The Principal Researcher is Professor Philip Clarke, who is the Director of the Health Economics Research Centre at the University of Oxford. The Co-Principal Researcher is Professor Raymond Duch, who is the Director of the Centre of Experimental Social Sciences at the University of Oxford.

This project has been reviewed by, and received ethics clearance through, the University of Oxford Central University Research Ethics Committee.

Who do I contact if I have a concern about the study or I wish to complain?
If you have a concern about any aspect of this study, please contact Professor Raymond Duch at the University of Oxford, email raymond.duch@nuffield.ox.ac.uk and phone number +44 (0)1865 278 515. We will acknowledge your concern within 10 working days and give you an indication of how it will be dealt with. If you remain unhappy or wish to make a formal complaint, please contact the Chair of the Research Ethics Committee at the University of Oxford who will seek to resolve the matter as

soon as possible:

Medical Sciences Interdivisional Research Ethics Committee (MS IDREC). Research Services, University of Oxford, Wellington Square, Oxford, OX1 2JD
Email: ethics@medsci.ox.ac.uk

Q1.2.
Please note that you may only participate in this survey if you are **18 years of age or over**.

- ○ Yes, I certify that I am 18 years of age or over
- ○ No

Q1.3.
If you have read the information above and agree to participate with the understanding that the data (including any personal data) you submit will be processed accordingly, please check the relevant box below to get started.

- ○ Yes, I agree to take part
- ○ No

Presentation

Q2.1. This survey is about vaccines. We would like you to read the following definition of a vaccine:

Vaccination protects people against harmful diseases, before they come into contact with them. It uses your body's natural defenses to build resistance to specific infections and makes your immune system stronger.

Vaccines train your immune system to create antibodies, just as it does when it's exposed to a disease. Vaccines do not cause the disease nor do they put you at risk of its complications. Most vaccines are given by an injection, but some are given orally (by mouth) or sprayed into the nose.

A COVID-19 vaccine is currently being developed. We would like to get your opinion about plans for the COVID-19 vaccine once it is ready for distribution to the public. In the next set of screens we will ask you questions about your interest in how the COVID-19 vaccine will be made available to people living in the UK.

Demographics 1

Q3.1. What is your current age?

Q3.2. What is your gender?

- Male
- Female
- Other
- Prefer not to say
- I do not know

Q22.2.

What is the highest educational or work-related qualification you have?

- ○ No formal qualifications
- ○ Youth training certificate/skillseekers
- ○ Recognised trade apprenticeship completed
- ○ Clerical and commercial
- ○ City & Guilds certificate
- ○ City & Guilds certificate - advanced
- ○ ONC
- ○ CSE grades 2-5
- ○ CSE grade 1, GCE O level, GCSE, School Certificate
- ○ Scottish Ordinary/ Lower Certificate
- ○ GCE A level or Higher Certificate
- ○ Scottish Higher Certificate
- ○ Nursing qualification (e.g. SEN, SRN, SCM, RGN)
- ○ Teaching qualification (not degree)
- ○ University diploma
- ○ University or CNAA first degree (e.g. BA, B.Sc, B.Ed)
- ○ University or CNAA higher degree (e.g. M.Sc, Ph.D)
- ○ Other technical, professional or higher qualification
- ○ Do not know
- ○ Prefer not to say

Q3.3. Select the region and district you live in.

Region

District

Q3.4.

Enter the first part (2, 3 or 4 digits) of your post code.

COVID-19 Vaccine evaluation information

Q4.1. Across the world, COVID-19 has infected tens of millions, killed more than one million and resulted in loss of jobs, school closures and overall economic loss.

A vaccination would prevent people from getting affected by the virus. It is like the flu vaccine: Some people who get the vaccine could still get COVID-19 because it is not 100% effective; the protection could last a few months or for years; and it could have side effects.

Once a reliable COVID-19 vaccine is available, health officials will give some individuals priority over others. Some individuals will get the COVID-19 vaccine immediately and other individuals will have lower priority. We are interested in your opinion about these decisions. In the next screens you will be shown two individuals (Person A and Person B) who have different characteristics that are related to COVID-19. When each screen comes up, you will be asked to choose the person (Person A or Person B) who should get the COVID-19 vaccine **immediately**. You will be provided with five characteristics for each individual, Person A and Person B. These **five** characteristics are the following: if infected, the person's **risk of COVID-19 related death compared to an average person**, **the person's risk of catching and transmitting the COVID-19 virus**, **the income level of the person,** the **occupation status** of the individual, and **the age category of the person. We would like you to indicate which of the two persons (Person A or Person B) should have priority and receive the vaccine immediately.**

There are no wrong or right answers.

COVID-19 Conjoint Experiment

Q5.1. As you can see each of the persons (Person A and Person B) differs on our five characteristics: **risk of COVID-19 related death**, **risk of catching and transmitting the COVID-19 virus**, **income level**, **occupation status**, and **age category**.

This vaccine could be given to one of these persons (Person A or Person B) immediately. Please indicate the person you think should get the vaccine

immediately.

Q5.2.

	Person A	**Person B**
Risk of COVID-19 related death		
Risk of catching and transmitting the COVID-19 virus		
Income level		
Occupation status		
Age category		

Q5.3.

Which of the Persons do you think should get the vaccine immediately? Select one of them.

- ○ Person A
- ○ Person B

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Q5.5. **Person A:** On a scale from 1 to 7, where 1 indicates that you think **Person A** should get **Very Low Priority** for the vaccine and 7 indicates that you think **Person A** should get **Very High Priority** for the vaccine**,** what vaccine priority would you give **Person A**?

	1	2	3	4	5	6	7	
Very Low Priority	○	○	○	○	○	○	○	Very High Priority

Q5.6. **Person B:** On a scale from 1 to 7, where 1 indicates that you think **Person B** should get **Very Low Priority** for the vaccine and 7 indicates that you think **Person B** should get **Very High Priority** for the vaccine**,** what vaccine priority would you give **Person B**?

	1	2	3	4	5	6	7	
Very Low Priority	○	○	○	○	○	○	○	Very High Priority

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Person Trade off Questions (Version 1)

Q6.1.
Consider the following: there are two people, aged 55 and 75 years. The average person who is 55 can expect to live another 30 years, while the average 75 year old can expect to live around another 10 years.

Also, unless each person gets a COVID-19 vaccine, they will die. Doctors are only able to give the vaccine to one person. Both people are healthy for their age.

Doctors must decide which person to vaccinate:

A) A person who is 55 years old and who is currently working
B) A person who is 75 years old and who is no longer working

Which person do you think doctors should vaccinate: A or B?

- ○ Person A
- ○ Person B

Q6.2. Why do you think doctors should choose the 55 year old?

Q6.3. Why do you think doctors should choose the 75 year old?

Q6.4.

The next question is about groups of people, aged 55 and 75 years. Consider the following: the average person who is 55 can expect to live another 30 years, while the average 75 year old can expect to live around another 10 years. Unless each person in a group gets a COVID-19 vaccine, they will die. Doctors are only able to give the vaccine to one group. All the people in the groups are healthy for their age.

Doctors must decide which group to vaccinate:

A) **1 person** who is 55 years and who is currently working
B) **3 people** who are 75 years and who are no longer working

Which group do you think doctors should vaccinate: A or B?

- Group A
- Group B

Q6.5.

The next question is about groups of people, aged 55 and 75 year. Consider the following: the average person who is 55 can expect to live another 30 years, while the average 75 year old can expect to live around another 10 years. Unless each person in a group gets a COVID-19 vaccine, they will die. Doctors are only able to give the vaccine to one group. All the people in the groups are healthy for their age.

Doctors must decide which group to vaccinate:

A) **1 person** who is 55 years and who is currently working
B) **6 people** who are 75 years and who are no longer working

Which group do you think doctors should vaccinate: A or B?

- ○ Group A
- ○ Group B

Q6.6.

The next question is about groups of people, aged 55 and 75 year. Consider the following: the average person who is 55 can expect to live another 30 years, while the average 75 year old can expect to live around another 10 years. Unless each person in a group gets a COVID-19 vaccine, they will die. Doctors are only able to give the vaccine to one group. All the people in the groups are healthy for their age.

Doctors must decide which group to vaccinate:

A) **1 person** who is 55 years and who is currently working
B) **2 people** who are 75 years and who are no longer working

Which group do you think doctors should vaccinate: A or B?

- ○ Group A
- ○ Group B

Person Trade off Questions (Version 2)

Q7.1.
Consider the following: there are two people, aged 55 and 75 years. The average person who is 55 can expect to live another 30 years, while the average 75 year old can expect to live around another 10 years.

Also, unless each person gets a COVID-19 vaccine, they will die. Doctors are only able to give the vaccine to one person. Both people are healthy for their age.

Doctors must decide which person to vaccinate:

A) A person who is 55 years old and who is currently working
B) A person who is 75 years old and who is currently working

Which person do you think doctors should vaccinate: A or B?

- ○ Person A
- ○ Person B

Q7.2. Why do you think doctors should choose the 55 year old?

Q7.3. Why do you think doctors should choose the 75 year old?

Q7.4.

The next question is about groups of people, aged 55 and 75 years. Consider the following: the average person who is 55 can expect to live another 30 years, while the average 75 year old can expect to live around another 10 years. Unless each person in a group gets a COVID-19 vaccine, they will die. Doctors are only able to give the vaccine to one group. All the people in the groups are healthy for their age.

Doctors must decide which group to vaccinate:

A) **1 person** who is 55 years old and who is currently working
B) **3 people** who are 75 years and who are currently working

Which group do you think doctors should vaccinate: A or B?

- ○ Group A
- ○ Group B

Q7.5.

The next question is about groups of people, aged 55 and 75 year. Consider the following: the average person who is 55 can expect to live another 30 years, while the average 75 year old can expect to live around another 10 years. Unless each person in a group gets a COVID-19 vaccine, they will die. Doctors are only able to give the vaccine to one group. All the people in the groups are healthy for their age.

Doctors must decide which group to vaccinate:

A) **1 person** who is 55 years and who is currently working
B) **6 people** who are 75 years and who are currently working

Which group do you think doctors should vaccinate: A or B?

- ○ Group A
- ○ Group B

Q7.6.

The next question is about groups of people, aged 55 and 75 year. Consider the following: the average person who is 55 can expect to live another 30 years, while the average 75 year old can expect to live around another 10 years. Unless each person in a group gets a COVID-19 vaccine, they will die. Doctors are only able to give the vaccine to one group. All the people in the groups are healthy for their age.

Doctors must decide which group to vaccinate:

A) **1 person** who is 55 years and who is currently working
B) **2 people** who are 75 years and who are currently working

Which group do you think doctors should vaccinate: A or B?

- ○ Group A
- ○ Group B

Person Trade off Questions (Version 3)

Q8.1.

Consider the following: there are two people, aged 55 and 75 years. The average person who is 55 can expect to live another 30 years, while the average 75 year old can expect to live around another 10 years.

Also, unless each person gets a COVID-19 vaccine, they will die. Doctors are only able to give the vaccine to one person. Both people are healthy for their age.

Doctors must decide which person to vaccinate:

A) A person who is 55 years old and who is no longer working
B) A person who is 75 years old and who is currently working

Which person do you think doctors should vaccinate: A or B?

- ○ Person A
- ○ Person B

Q8.2. Why do you think doctors should choose the 55 year old?

Q8.3. Why do you think doctors should choose the 75 year old?

Q8.4.

The next question is about groups of people, aged 55 and 75 years. Consider the following: the average person who is 55 can expect to live another 30 years, while the average 75 year old can expect to live around another 10 years. Unless each person in a group gets a COVID-19 vaccine, they will die. Doctors are only able to give the vaccine to one group. All the people in the groups are healthy for their age.

Doctors must decide which group to vaccinate:

A) **1 person** who is 55 years and who is no longer working
B) **3 people** who are 75 years and who are currently working

Which group do you think doctors should vaccinate: A or B?

- ○ Group A
- ○ Group B

Q8.5.

The next question is about groups of people, aged 55 and 75 year. Consider the following: the average person who is 55 can expect to live another 30 years, while the average 75 year old can expect to live around another 10 years. Unless each person in a group gets a COVID-19 vaccine, they will die. Doctors are only able to give the vaccine to one group. All the people in the groups are healthy for their age.

Doctors must decide which group to vaccinate:

A) **1 person** who is 55 years and who is no longer working
B) **6 people** who are 75 years and who are currently working

Which group do you think doctors should vaccinate: A or B?

- ○ Group A
- ○ Group B

Q8.6.

The next question is about groups of people, aged 55 and 75 year. Consider the following: the average person who is 55 can expect to live another 30 years, while the average 75 year old can expect to live around another 10 years. Unless each person in a group gets a COVID-19 vaccine, they will die. Doctors are only able to give the vaccine to one group. All the people in the groups are healthy for their age.

Doctors must decide which group to vaccinate:

A) **1 person** who is 55 years and who is no longer working
B) **2 people** who are 75 years and who are currently working

Which group do you think doctors should vaccinate: A or B?

- ○ Group A
- ○ Group B

Person Trade off Questions (Version 4)

Q9.1.

Consider the following: there are two people, aged 55 and 75 years. The average person who is 55 can expect to live another 30 years, while the average 75 year old can expect to live around another 10 years.

Also, unless each person gets a COVID-19 vaccine, they will die. Doctors are only able to give the vaccine to one person. Both people are healthy for their age.

Doctors must decide which person to vaccinate:

A) A person who is 55 years old and who is no longer working
B) A person who is 75 years old and who is no longer working

Which person do you think doctors should vaccinate: A or B?

- ○ Person A
- ○ Person B

Q9.2. Why do you think doctors should choose the 55 years old?

Q9.3. Why do you think doctors should choose the 75 years old?

Q9.4.

The next question is about groups of people, aged 55 and 75 years. Consider the following: the average person who is 55 can expect to live another 30 years, while the average 75 year old can expect to live around another 10 years. Unless each person in a group gets a COVID-19 vaccine, they will die. Doctors are only able to give the vaccine to one group. All the people in the groups are healthy for their age.

Doctors must decide which group to vaccinate:

A) **1 person** who is 55 years and who is no longer working
B) **3 people** who are 75 years and who are no longer working

Which group do you think doctors should vaccinate: A or B?

- ○ Group A
- ○ Group B

Q9.5.

The next question is about groups of people, aged 55 and 75 years. Consider the following: the average person who is 55 can expect to live another 30 years, while the average 75 year old can expect to live around another 10 years. Unless each person in a group gets a COVID-19 vaccine, they will die. Doctors are only able to give the vaccine to one group. All the people in the groups are healthy for their age.

Doctors must decide which group to vaccinate:

A) **1 person** who is 55 years and who is no longer working
B) **6 people** who are 75 years and who are no longer working

Which group do you think doctors should vaccinate: A or B?

- ○ Group A
- ○ Group B

Q9.6.

The next question is about groups of people, aged 55 and 75 years. Consider the following: the average person who is 55 can expect to live another 30 years, while the average 75 year old can expect to live around another 10 years. Unless each person in a group gets a COVID-19 vaccine, they will die. Doctors are only able to give the vaccine to one group. All the people in the groups are healthy for their age.

Doctors must decide which group to vaccinate:

A) **1 person** who is 55 years and who is no longer working
B) **2 people** who are 75 years and who are no longer working

Which group do you think doctors should vaccinate: A or B?

- ○ Group A
- ○ Group B

Risk Preferences

Q10.1. How would you rate your willingness to take risks with your health? Please use a scale from 0 to 10, where 0 means “completely unwilling to take risks” and a 10 means you are “very willing to take risks”. You can use any position between 0 and 10 to indicate where you would put yourself on the scale.

	Completely unwilling to take risks						Very willing to take risks					Do not know
	0	1	2	3	4	5	6	7	8	9	10	
Select a number												☐

Q10.2. We now ask you for your willingness to act in a certain way. Please again indicate your answer on a scale from 0 to 10. A 0 means “completely unwilling to do so”, and a 10 means “very willing to do so”. You can use any position between 0 and 10 to indicate where you would put yourself on the scale.

	Completely unwilling to do so						Very willing to do so					Do not know
	0	1	2	3	4	5	6	7	8	9	10	
How willing are you to punish someone who treats you unfairly, even if there may be costs for you?												☐

Q10.3. How well does each of the following statements describe you as a person? Please indicate your answer on a scale from 0 to 10. A 0 means “does not describe me at all”, and a 10 means “describes me perfectly”. You can use any position between 0 and 10 to indicate where you would put yourself on the scale.

	Does not describe me at all						Describes me perfectly					Do not know
	0	1	2	3	4	5	6	7	8	9	10	
When someone does me a favor, I am willing to return it												☐

Q10.4. Imagine the following situation: Today you unexpectedly received **£405**. How much of this amount would you donate to a good cause?

- ○ _____
- ○ Do not know
- ○ Prefer not to say

COVID-19 Vaccine Willingness to Pay Questions

Q11.1.

Talking about vaccines in general, in some countries vaccines are only available from the government either at low or no cost. In some countries vaccines are only available for private purchase. And in some countries vaccines are available from the government but citizens can pay privately to gain early access.

Which of these three approaches do you think should be applied to the COVID-19 vaccine? Would you prefer

- ○ Vaccines only made available by government at low or no cost?
- ○ Vaccines are only available for private purchase?
- ○ Vaccines made available by government but citizens can pay privately to gain access?
- ○ Do not know

Q11.2. Consider the following situation: a COVID-19 vaccine becomes available and is provided by government health agencies. For 80 out of 100 people the vaccine would provide protection for at least 18 months. But there are limited initial supplies of the vaccine. For this reason, you would have to wait 6 months before you could receive it. If a COVID-19 vaccine was also available for private purchase and you could receive it immediately would you considering buying it?

- ○ Yes
- ○ No
- ○ Do not know

Q11.3.

Why would you not be willing to purchase it?

Q11.4. Would you be willing to pay **£[random bid £30, £60, £115, £230, £575]** to get a COVID-19 Vaccine immediately?

- Yes
- No
- Do not know
- Prefer not to say

Q11.5. Would you be willing to pay **£0** to get a COVID-19 Vaccine immediately?

- Yes
- No
- Do not know
- Prefer not to say

Q11.6. Would you be willing to pay **£0** to get a COVID-19 Vaccine immediately?

- Yes
- No
- Do not know
- Prefer not to say

Lottery Vignette

Q12.1.

Consider the following situation: a major clinic has developed plans for allocating limited supplies of the COVID-19 vaccine. It would like to vaccinate all 1000 nurses who work in the clinic. There will only be 500 vaccines available for the 1000 nurses who work in the clinic. Because of the limited supply, the vaccine will be allocated by a **lottery**. The names of the 1000 nurses will be put into a large container and shuffled. 500 names will be randomly selected from the container. These 500 randomly selected names will receive the vaccine.

How much do you agree that this **lottery** method is an appropriate way to allocate the scarce vaccines to the nurses? Use the slider to indicate whether you disagree or agree: 0 means strongly disagree and 100 means strongly agree.

	Strongly Disagree							Strongly Agree				Do not know
	0	10	20	30	40	50	60	70	80	90	100	
Lottery Allocation?												☐

Q12.2.

Consider the following situation: a major clinic has developed plans for allocating limited supplies of the COVID-19 vaccine. It would like to vaccinate all 1000 nurses who work in the clinic. There will only be 500 vaccines available for the 1000 nurses who work in the clinic. Because of the limited supply, the vaccine will be allocated by an **independent committee of expert physicians**, who have no personal connection with the clinic and do not know any of the nurses involved. The medical histories of the 1000 nurses will be provided to the committee of experts. The committee of expert physicians will select the 500 nurses who they believe will most benefit from the vaccine.

Do you agree or disagree that this **expert committee** method is an appropriate way to allocate the scarce vaccines to the nurses? Use the slider to indicate whether you disagree or agree: 0 means strongly disagree and 100 means strongly agree.

	Strongly Disagree								Strongly Agree			Do not know
	0	10	20	30	40	50	60	70	80	90	100	
Expert Committee Allocation?												☐

Encouraging message

Q13.1.

You have already completed **more than 50% of the survey**.
Thank you. Please keep going

COVID-19 Vaccine interest questions

Q14.1. If a vaccine that protected you from COVID-19 was available if you wanted it, would you definitely get it, probably get it, probably not get it or definitely not get it?

- ○ Definitely get it
- ○ Probably get it
- ○ Probably not get it
- ○ Definitely not get it
- ○ Do not know
- ○ Prefer not to say

Q14.2.

What are your **reasons for NOT** getting vaccinated for COVID-19? (check all that apply)

- ☐ I don't believe the COVID-19 vaccine will be effective
- ☐ I am concerned about dangerous side effects from the COVID-19 vaccine
- ☐ Enough other people will accept vaccination so I will benefit from herd immunity
- ☐ I have already been infected with COVID-19 and believe I have developed natural immunity
- ☐ The COVID-19 virus will not be very harmful to my health
- ☐ I don't trust the health care providers in this country
- ☐ Other

Q14.3. What are your **reasons** for getting vaccinated for COVID-19? (check all that apply)

- [ ] To protect myself
- [ ] To protect my family
- [ ] To protect the public (people I don't know)
- [ ] Because everyone else will
- [ ] Because friends and family recommend it
- [ ] Because doctors recommend it
- [ ] Because health officials recommend it
- [ ] Because politicians recommend it
- [ ] Because of contact with COVID-19 infected people
- [ ] Because I had COVID-19 related symptoms
- [ ] If it were required for my work or school
- [ ] Other

Q14.4. Have you lost income from a job or business because of the COVID-19?

- ○ Yes
- ○ No
- ○ Do not know
- ○ Prefer not to say

Q14.5. Using this slider indicate roughly what percentage of your income you have lost since the beginning of the COVID-19 pandemic. Please move the slider from 0 to 100 to indicate what percentage of your income you have lost.

	0	10	20	30	40	50	60	70	80	90	100	Do not know
Percentage of income lost												☐

Q14.6. We have some questions about your experience with the COVID-19 virus.

	Yes	No	Do not know
Do you believe you have ever been infected with the COVID-19 virus?	○	○	○
Have you ever had a COVID-19 test that showed that you were infected with the virus?	○	○	○
Has a relative of yours been infected with COVID-19?	○	○	○
Have any friends or colleagues of yours been infected with COVID-19?	○	○	○
Do you know of anyone who has died from COVID-19?	○	○	○

Q14.7. If a vaccine that protected people from COVID-19 was available if you wanted it, would you be in favour of your family members getting a vaccine? For each of the following family members please indicate how much you would **oppose** or **support** a vaccination for them. You can move the pointer from 0 which means **very much oppose** to 100 which means **very much support** a COVID-19 vaccination for family member.

	Very Much Oppose 0 10 20 30 40 50	Very Much Support 60 70 80 90 100	Not Applicable
For your children, would you oppose or support them getting a COVID-19 vaccination?			☐
For your elderly parents would you oppose or support them getting a COVID-19 vaccination?			☐
For your spouse or partner would you oppose or support them getting a COVID-19 vaccination?			☐

Q14.8. We are interested in your opinion about the implementation of the COVID-19 vaccine once it is available. Please use the sliding scale to indicate how much you agree or disagree with the statements. You can move the pointer from 0 which means **very much disagree** to 100 which means **very much agree**.

	Very Much Disagree 0 10 20 30 40 50 60 70 80 90 100 Very Much Agree	Do not know
All school children should be required by law to get the COVID-19 vaccine.		☐
Health clinics should be required by law to administer the COVID-19 vaccine to all their registered patients.		☐
Whether a person gets the COVID-19 vaccine or not should be a matter of personal choice.		☐
Any individual over the age of 65 should be required by law to get the COVID-19 vaccine.		☐
Employers should be allowed to require all employees to get the vaccine.		☐
The government should make the COVID-19 vaccine mandatory for everybody.		☐

Q14.9. Here are some statements about the government's priorities for a COVID-19 vaccine. Please use the sliding scale to indicate how much you agree or disagree with the government's policy statements. You can move the pointer from 0 which means **very much disagree** to 100 which means **very much agree**.

	Very Much Disagree 0 10 20 30 40 50 60 70 80 90 100 Very Much Agree	Do not know
The COVID-19 vaccine should go first to workers who can get the economy running again.		☐
All UK residents should have equal access to a free COVID-19 vaccine.		☐
Priority for the COVID-19 vaccine should be people who are most likely to catch the COVID-19 virus and spread it to other people.		☐
Priority for the COVID-19 vaccine should be people who are most at risk of developing severe COVID-19 symptoms.		☐

Q14.10. We now have some questions about your experience with vaccines.

	Yes	No	Do not know	Not applicable
Do you usually get a flu vaccine/shot during the flu season?	○	○	○	
If you have children do they usually get the vaccines that are recommended?	○	○	○	○
Have you yourself received most of the recommended vaccines?	○	○	○	

List Experiment

Q15.1.

Now we present to you three things that sometimes make people angry or upset. After you read all three, just select **HOW MANY** of them upset you (we don't want to know which ones, just how many).

- The government increasing payments to the poor
- Professional football players getting million-pound-plus salaries
- Large corporations polluting the environment

How many, if any, of these things upset you?

Q15.2.

Now we present to you four things that sometimes make people angry or upset. After you read all four, just select **HOW MANY** of them upset you (we don't want to know which ones, just how many). .

- The government increasing payments to the poor

- Professional football players getting million-pound-plus salaries
- Large corporations polluting the environment
- Making illegal immigrants eligible for the COVID-19 vaccine

How many, if any, of these things upset you?

Hesitancy Questions

Q16.1. We are interested in your opinions about vaccines in general. Would you please indicate whether you strongly agree, agree, neither agree nor disagree, disagree, or strongly disagree with the following statements?

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree	Do not know
New vaccines carry more risks than older vaccines	○	○	○	○	○	○
I am concerned about serious side effects of vaccines	○	○	○	○	○	○
Children do not need vaccines for diseases that are not common anymore	○	○	○	○	○	○

Q16.2. We are interested in your opinions about the COVID-19 vaccine in particular. Would you please indicate whether you strongly agree, agree, neither agree nor disagree, disagree, or strongly disagree with the following statements?

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
I worry that the COVID-19 vaccine will not be very effective	○	○	○	○	○
I am concerned about serious side effects of the COVID-19 vaccine	○	○	○	○	○

Behavior

Q17.1.

Which of the following measures, if any, have you taken in response to COVID-19?

	Yes	No	Do not know
Cancelled a doctor appointment	○	○	○
Worn a face mask	○	○	○
Visited a doctor or hospital	○	○	○
Cancelled or postponed work activities	○	○	○
Cancelled or postponed school activities	○	○	○
Cancelled outside housekeepers or caregivers	○	○	○
Avoided some or all restaurants	○	○	○
Worked from home	○	○	○
Studied from home	○	○	○
Cancelled or postponed pleasure, social, or recreational activites	○	○	○
Stockpiled food or water	○	○	○
Avoided public or crowded places	○	○	○
Prayed	○	○	○
Avoided contact with high-risk people	○	○	○
Kept six feet distance from those outside my household	○	○	○
Stayed home because I felt unwell	○	○	○
Wiped packages entering my home	○	○	○

Q17.2. Please tell me, in general, how willing or unwilling you are to take risks, using a scale from 0 to 10, where 0 means you are “completely unwilling to take risks” and 10 means you are “very willing to take risks.” You can also use any number between 0 and 10 to indicate where you fall on the scale, using 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10.

	Completely unwilling to take risks						Very willing to take risks					Do not know
	0	1	2	3	4	5	6	7	8	9	10	
Select a number												☐

Global Equity Questions

Q18.1. Governments will need to spend more money in the future on health care facilities and medical workers in order to prevent the spreading of another pandemic virus. Would you be willing to pay additional taxes in order to fund this pandemic prevention spending by government?

- ○ Yes
- ○ No
- ○ Do not know
- ○ Prefer not to say

Q18.2. Why would you not be willing to pay extra?

Q18.3. Would you be willing to pay **£[random bid £5, £30, £60, £290, £575, £2880]** extra per year in taxes?

- ○ Yes
- ○ No
- ○ Do not know
- ○ Prefer not to say

Q18.4. Would you be willing to pay **£0** extra per year in taxes?

- Yes
- No
- Do not know
- Prefer not to say

Q18.5. Would you be willing to pay **£0** extra per year in taxes?

- Yes
- No
- Do not know
- Prefer not to say

Q18.6. We are interested in your opinion about the countries that should get the COVID-19 vaccine once it is available. Please use the sliding scale to indicate how much you agree or disagree with the following statements. You can move the pointer from 0 which means **very much disagree** to 100 which means **very much agree**.

	Very much disagree 0 10 20 30 40 50 60 70 80 90 100 Very much agree	Do not know
COVID-19 treatments and vaccines should first be provided for those in the world who need them most.		☐
COVID-19 treatments and vaccines should first be provided for those around the world who cannot afford to buy them.		☐
COVID-19 treatments and vaccines should first be provided for those who live in the country in which they are first developed.		☐

Q18.7.

Some people feel that the UK government should donate some of the COVID-19 vaccine doses it has purchased for distribution to poor countries that do not have the resources to buy their own vaccine.

Which of the following statements most closely matches your view:

- ○ The UK government should not donate any vaccine it has purchased
- ○ The UK government should donate **less** than 10% of its purchased vaccine
- ○ The UK government should donate 10% of its purchased vaccine
- ○ The UK government should donate **more** than 10% of its purchased amount of vaccine
- ○ Do not know
- ○ Prefer not to say

Q18.8.

Some people feel that the richer countries in the world should donate some of the COVID-19 vaccine doses they have purchased to the World Health Organization (WHO), to distribute in countries that can not afford their own vaccines.

Which of the following statements most closely matches your view:

- ○ Richer countries should not donate any vaccine it has purchased
- ○ Richer countries should donate **less** than 10% of its purchased vaccine
- ○ Richer countries should donate 10% of its purchased vaccine
- ○ Richer countries should donate **more** than 10% of its purchased amount of vaccine
- ○ Do not know
- ○ Prefer not to say

Q18.9.

There will need to be major changes to health safety measures in order for air travel to return to normal after the COVID-19 pandemic. The airline industry will need to spend more money in the future on facilities, testing, and medical workers in order to prevent the spreading of viruses from one country to another country.

Would you be willing to pay an additional tax on airline tickets in order to fund efforts to prevent the virus transmission?

- ○ Yes
- ○ No
- ○ Do not know
- ○ Prefer not to say

Q18.10. Why would you not be willing to pay extra?

Q18.11. Would you be willing to pay an extra **£[random bid £5, £10, £30, £60, £115]** per ticket?

- ○ Yes
- ○ No
- ○ Do not know
- ○ Prefer not to say

Q18.12. Would you be willing to pay an extra **£0** per ticket?

- ○ Yes
- ○ No
- ○ Do not know
- ○ Prefer not to say

Q18.13. Would you be willing to pay an extra **£0** per ticket?

- ○ Yes
- ○ No
- ○ Do not know
- ○ Prefer not to say

Q18.14. Governments are spending money on medical research to find a solution to the COVID-19 virus pandemic. Do you agree or disagree that the government spending will help to find a solution to the COVID-19 virus pandemic? Use the slider to indicate how much you disagree or agree: 0 means strongly disagree and 100 means strongly agree.

Strongly disagree — Strongly agree — Do not know

0 10 20 30 40 50 60 70 80 90 100

☐ [ ]

Q18.15. And what about in the future? Do you think the government should spend more on medical research than they were spending before the pandemic? Spend the same amount on medical research as before the pandemic? Or spend less on medical research than before the pandemic?

- ○ Spend more on medical research than before the pandemic
- ○ Spend the same amount on medical research as before the pandemic
- ○ Spend less on medical research than before the pandemic
- ○ Do not know
- ○ Prefer not to say

Section C: Quality of Life

Q19.1. **Section C: Your health and <u>health-related</u> quality of life**

This section asks you questions about your overall health.

Q19.2. Do you have any of the following underlying health conditions (tick all that apply)?

- [ ] Diabetes
- [ ] High blood pressure/hypertension
- [ ] Heart disease
- [ ] Asthma or other chronic respiratory issues
- [ ] Allergies
- [ ] Kidney disease
- [ ] Other chronic illnesses that require long term care from a doctor
- [ ] None
- [ ] Do not know
- [ ] Prefer not to say

EQ-5D

Q20.1.

Health Questionnaire
English version for the UK

Q20.2. Please select the ONE box that best describes your health PRE-COVID PANDEMIC and TODAY.

Q20.3. **MOBILITY**

	PRE-COVID PANDEMIC	TODAY
I had/have no problems in walking about	○	○
I had/have slight problems in walking about	○	○
I had/have moderate problems in walking about	○	○
I had/have severe problems in walking about	○	○
I was/am unable to walk about	○	○

Q20.4. **SELF-CARE**

	PRE-COVID PANDEMIC	TODAY
I had/have no problems washing or dressing myself	○	○
I had/have slight problems washing or dressing myself	○	○
I had/have moderate problems washing or dressing myself	○	○
I had/have severe problems washing or dressing myself	○	○
I was/am unable to wash or dress myself	○	○

Q20.5. **USUAL ACTIVITIES** *(e.g. work, study, housework, family or leisure activities)*

	PRE-COVID PANDEMIC	TODAY
I had/have no problems doing my usual activities	○	○
I had/have slight problems doing my usual activities	○	○
I had/have moderate problems doing my usual activities	○	○
I had/have severe problems doing my usual activities	○	○
I was/am unable to do my usual activities	○	○

Q20.6. **PAIN / DISCOMFORT**

	PRE-COVID PANDEMIC	TODAY
I had/have no pain or discomfort	○	○
I had/have slight pain or discomfort	○	○
I had/have moderate pain or discomfort	○	○
I had/have severe pain or discomfort	○	○
I had/have extreme pain or discomfort	○	○

Q20.7. **ANXIETY / DEPRESSION**

	PRE-COVID PANDEMIC	TODAY
I was/am not anxious or depressed	○	○
I was/am slightly anxious or depressed	○	○
I was/am moderately anxious or depressed	○	○
I was/am severely anxious or depressed	○	○
I was/am extremely anxious or depressed	○	○

Q20.8.

- We would like to know how good or bad your health was/is PRE-COVID PANDEMIC/TODAY.
- You will see a scale numbered from 0 to 100.
- 100 means the best health you can imagine.
  0 means the worst health you can imagine.

Q20.9. Please indicate on the scale how your health was PRE-COVID PANDEMIC.

[ ]

Q20.10. Please indicate on the scale how your health is TODAY.

[ ]

Political Partisanship

Q21.1. The following is a scale from 0 to 10 that goes from left to right, where 0 means "Left" and 10 means "Right". Today when talking about political trends, many people talk about those who are more sympathetic to the left or the right. According to the sense that the terms "Left" and "Right" have for you when you think about your political point of view, where would you find yourself on this scale?
Please use the slider to indicate where you would put yourself on this Left-Right scale.

	Left										Right	Do not know
	0	1	2	3	4	5	6	7	8	9	10	
Political Point of View												☐

Q21.2. Do you generally think of yourself as a little closer to one of the parties than the others? If yes, which party?

- ○ Conservative
- ○ Labour
- ○ Liberal Democrat
- ○ Scottish National Party (SNP)
- ○ Plaid Cymru
- ○ United Kingdom Independence Party (UKIP)
- ○ Green Party
- ○ British National Party (BNP)
- ○ Brexit Party
- ○ ☐ Other
- ○ None
- ○ Do not know
- ○ Prefer not to say

Q21.3.
Would you call yourself very committed, fairly committed, or not very committed to that party?

- Very committed
- Fairly committed
- Not very committed
- Do not know
- Prefer not to say

Demographics 2

Q22.1. Thank you for taking part in this survey. In this final section we would like to gather some more information about yourself.

Q22.3.
Which of these applies to you?

- Working full time (30 or more hours per week)
- Working part time (8-29 hours a week)
- Working part time (Less than 8 hours a week)
- Full time student
- Retired
- Unemployed
- Not working
- Other
- Do not know
- Prefer not to say

Q22.4.

What is your current occupation?

Non-active

- ○ Without any current occupation - not working
- ○ Student
- ○ Unemployed or temporarily not working
- ○ Retired or unable to work through illness

Self-Employed

- ○ Farmer
- ○ Fisherman
- ○ Professional (Lawyer, medical practitioner, accountant, architect, etc.)
- ○ Ower of a shop, craftsmen, other self-employer person
- ○ Business proprietor, owner (full or partner) of a company

Employed

- ○ Employed professional (employer doctor, lawyer, accountant, architect)
- ○ General management, director or top management (managing director, director general, other director)
- ○ Middle management, other management (department head, junior manager, teacher, technicien)
- ○ Employed position, working mainly at a desk
- ○ Employed position, not at a desk but travelling (salesman, driver, etc.)
- ○ Employed position, not at a desk, but in a service job (hospital, restaurant, finement, etc.)
- ○ Supervisor
- ○ Skilled manuel worker
- ○ Other (unskilled) manuel worker, servant

Other

- ○ Never did any paid work
- ○ Do not know
- ○ Prefer not to say

Q22.5. In normal times when there are no COVID-19 restrictions, do you sometimes work from home rather than travel to your company work place?

- ○ Yes
- ○ No
- ○ Do not know
- ○ Prefer not to say

Q22.6. In normal times when there are no COVID-19 restrictions, in an average week, about what percent of your working time takes place at home?

	0	10	20	30	40	50	60	70	80	90	100	Do not know	
Percentage of your working time takes place at home												☐	

Q22.7.

Gross **PERSONAL** income is an individual's total income received from all sources, including wages, salaries, or rents and before tax deductions.

What is your gross annual personal income?

- Under £5,000 per year
- £5,000 to £9,999 per year
- £10,000 to £14,999 per year
- £15,000 to £19,999 per year
- £20,000 to £24,999 per year
- £25,000 to £29,999 per year
- £30,000 to £34,999 per year
- £35,000 to £39,999 per year
- £40,000 to £44,999 per year
- £45,000 to £49,999 per year
- £50,000 to £59,999 per year
- £60,000 to £69,999 per year
- £70,000 to £99,999 per year
- £100,000 to £149,999 per year
- £150,000 and over
- Do not know
- Prefer not to say

Q22.8.

Gross **HOUSEHOLD** income combines your income with that of your partner or any other household members with whom you share financial responsibilities BEFORE any taxes or deductions.

What is your gross annual household income?

- Under £5,000 per year
- £5,000 to £9,999 per year
- £10,000 to £14,999 per year
- £15,000 to £19,999 per year
- £20,000 to £24,999 per year
- £25,000 to £29,999 per year
- £30,000 to £34,999 per year
- £35,000 to £39,999 per year
- £40,000 to £44,999 per year
- £45,000 to £49,999 per year
- £50,000 to £59,999 per year
- £60,000 to £69,999 per year
- £70,000 to £99,999 per year
- £100,000 to £149,999 per year
- £150,000 and over
- Do not know
- Prefer not to say

Q22.9.

To which of these groups do you consider you belong?

- White British
- Any other white background
- White and Black Caribbean
- White and Black African
- White and Asian
- Any other mixed background
- Indian
- Pakistani
- Bangladeshi
- Any other Asian background
- Black Caribbean
- Black African
- Any other black background
- Chinese
- Other ethnic group
- Do not know
- Prefer not to say

Q22.10.

Do you regard yourself as belonging to any particular religion, and if so, to which of these do you belong?

- Yes - Church of England/Anglican /Episcopal
- Yes - Roman Catholic
- Yes - Presbyterian/Church of Scotland
- Yes - Methodist
- Yes - Baptist
- Yes – Orthodox Christian
- Yes - Pentecostal (e.g. Assemblies of God, Elim Pentecostal Church, New Testament Church of God, Redeemed Christian Church of God)
- Yes - Evangelical – independent/non-denominational (e.g. FIEC, Pioneer, Vineyard, Newfrontiers)
- Yes - United Reformed Church
- Yes - Free Presbyterian
- Yes - Brethren
- Yes - Judaism
- Yes - Hinduism
- Yes - Islam
- Yes - Sikhism
- Yes - Buddhism
- Yes - Other
- No, I do not regard myself as belonging to any particular religion
- Do not know
- Prefer not to say

Q22.11.

Which daily newspaper do you read most often?

- The Express
- The Daily Mail / The Scottish Daily Mail
- The Mirror / Daily Record
- The Daily Star / The Daily Star of Scotland
- The Sun
- The Daily Telegraph
- The Financial Times
- The Guardian
- The Independent
- The Times
- The Scotsman
- The Herald (Glasgow)
- The Western Mail
- Other local daily morning newspaper
- Other Newspaper
- None
- Do not know
- Prefer not to say

Q22.12.

Are you currently married, in a civil partnership, or living with a partner?

- Yes
- No
- Prefer not to say

Q22.13. Do you have any dependent children who live with you? (By 'dependent' children, we mean those who are not yet financially independent).

- Yes
- No
- Prefer not to say

Q22.14. How many dependent children do you have who live with you? Please indicate your answer by entering a number in the box below:

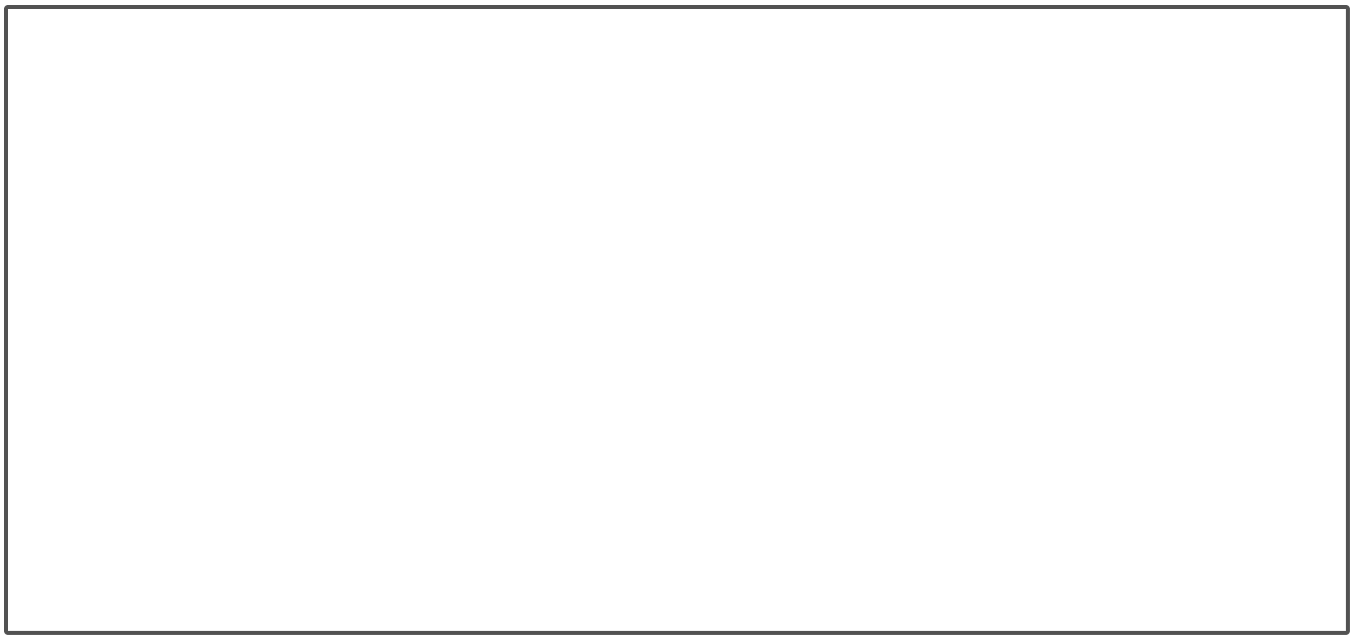
Q22.15. Including yourself, how many adults live in your household? (This refers to all adults, including any children aged 18 or over, who live with you). Please indicate your answer by entering a number in the box below:

Q22.16.
Do you own or rent the home in which you live?

- Own
- Rent
- Neither (Do not pay rent)
- Other (please specify in the box below)
- Prefer not to say

Comments

Q23.1. General comments about the survey?



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