

United Kingdom - Vaccine sentiment among healthcare and public health workers

1.

WFPHA is building a project on vaccine sentiment among healthcare and public health workers, to analyse if and how the COVID-19 pandemic has impacted healthcare and public health workers' sentiment towards vaccination, in particular concerning COVID-19 vaccination and seasonal flu vaccination. We are requesting your participation in this study as representative of your country. The completion of this survey will take around 15 minutes. Your participation in this study is voluntary. There will be no direct benefits given to participants. By submitting this survey, you are indicating that you have read and agreed to the terms described above. Please complete the survey by January 31, 2023. Please do not hesitate to contact Marta Lomazzi (marta.lomazzi@wfpha.org) if you have any questions about the survey.

2. General overview

* 1. What is your gender?

- Female
- Male
- Non-binary
- I prefer not to answer

3. General overview

* 2. What is your age?

4. General overview

* 3. What country do you live in?

- United Kingdom
- Other (please specify)

5. General overview

* 4. Are you a member of the Faculty of Public Health (of the Royal College of Physicians) or of the Royal Society for Public Health (RSPH)?

- Yes, I am a member of at least one of the associations listed above
- No
- I don't know

6. General overview

* 5. What is your highest educational level?

- High School
- Technical or occupational certificate
- Bachelor's degree
- Master's degree
- Medical specialization / Doctorate / Post graduate qualification
- Other (please specify)

7. General overview

* 6. What is your main profession?

- Dentist
- Health management professionals
- Midwife
- Nursing professional
- Nutritionist
- Pharmacist
- Physician
- Public health professional
- Social worker
- Other (please specify)

8. General overview

* 7. Which of the following best describes your primary work setting?

- Community level
- Private practice (free-professional activity)
- Hospital (including also Hospice / Long-term care, Health Center, etc)
- University/ Research
- Private company
- Other (please specify)

9. General overview

* 8. Do you have one or more chronic diseases (such as cardiovascular disease, diabetes, asthma, chronic obstructive pulmonary disease, cancer, HIV/AIDS, mental disorders, etc.)?

- Yes
- No
- I prefer not to answer

10. Attitudes towards vaccination in general

* 9. Please give your opinion on the following statements:

	Strongly disagree	Disagree	Agree	Strongly agree
Vaccines are scientifically tested and are among the safest pharmaceutical products	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vaccines are an indispensable tool to protect individuals and communities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Side effects of vaccines are minimised by pharmaceutical companies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Side effects of vaccines are minimised by public health authorities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Regarding vaccines, I am confident that public authorities decide in the best interest of the community	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vaccines have a significant impact on stopping the spread of infectious diseases	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

11. Attitudes towards COVID-19 vaccination

* 10. Please give your opinion on the following statements:

	Strongly disagree	Disagree	Agree	Strongly agree
The risk of complications due to COVID-19 disease is greater than the risk of serious adverse effects from COVID-19 vaccine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It is preferable to acquire immunity against COVID-19 by contracting the infection rather than through vaccination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
There is insufficient evidence on the efficacy and safety of COVID-19 vaccines due to their rapid development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The COVID-19 vaccine is effective in reducing the risk of developing severe forms of COVID-19 disease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Only adults should be vaccinated against COVID-19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pregnant women should be vaccinated against COVID-19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children and adolescent should be vaccinated against COVID-19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I agree with mandatory COVID-19 vaccine for health professionals (with no medical impediments)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Work restrictions should be envisaged for health professionals who refuse to be vaccinated against COVID-19 despite having no medical impediments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It is important that community/religious/cultural leaders and traditional healers reinforce the positive message about COVID-19 vaccination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Easy access to the vaccination is a key lever for increasing COVID-19 vaccination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

12. Attitudes towards COVID-19 vaccination

* 11. Have you already received, or will you receive the COVID-19 vaccine?

- Yes
- No, but I plan to do so as soon as possible
- No

13. Attitudes towards COVID-19 vaccination

12. If you answered 'Yes', how many doses did you receive?

- One
- Two
- Three
- Four

14. Attitudes towards COVID-19 vaccination

13. If you answered 'Yes', when did you received the first dose?

- Immediately, when it was available for my category
- At first, I hesitated but after a short time I vaccinated
- I waited a while for other people to vaccinate before vaccinating myself so that I had more information available
- I only vaccinated when I was forced to by law or by my employer
- Other (please specify)

15. Attitudes towards COVID-19 vaccination

14. If you answered 'Yes' or 'No, but I plan to do it as soon as possible', what was your motivation?

(Please select all that apply)

- For social responsibility towards the high-risk people (CDC defines as high-risk groups for COVID-19 people aged 60 years and older; those living in long-term care facilities; and people with underlying health conditions, such as hypertension, diabetes, cardiovascular disease, chronic respiratory disease and weakened immune systems) and the population who will not receive the vaccine in the short term
- I consider myself at a high-risk of developing a severe form of COVID-19 disease because of my comorbidities
- I believe in the effectiveness of the COVID-19 vaccine as a means of prevention against the spread of epidemics/pandemics
- I work in a profession with a high risk of COVID-19 infection
- To protect my family
- To protect my patients
- To protect myself
- I don't believe in vaccination, but I vaccinated because of a legal obligation or to avoid certain restrictions
- Other (please specify)

16. Attitudes towards COVID-19 vaccination

15. If you answered 'No', what was your reason? **(Please select all that apply)**

- I got COVID-19 and considered vaccination to be no more necessary
- I do not believe that COVID-19 is a serious disease
- I do not believe that I am at risk of developing a severe form of COVID-19
- I intend to wait for further efficacy and safety trials on the COVID-19 vaccine
- I fear the possible side effects of the COVID-19 vaccine
- I have a medical condition which contraindicates the administration of COVID-19 vaccine
- I prefer to rely on traditional medicine
- Community/religious/cultural leaders and traditional healers told me not to get COVID-19 vaccination
- The vaccine is not available in my country or region
- The vaccine is delivered in a centre too far from my city
- I have to pay travel expenses to access the vaccination centre
- To access the vaccination centre, I have to miss too many hours of work
- To access the vaccination centre, I have to pay/find a replacement to take care of family members (children, elderly, etc.)
- I am not aware of the possibility of being vaccinated for COVID-19
- Other (please specify)

17. Attitudes towards COVID-19 vaccination

* 16. How much, on a scale from 1 (not at all) to 10 (very much), did the fear of contracting COVID-19 influence your choice to have (or not have) the COVID-19 vaccine?

- | | | | | | | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| <input type="radio"/> |

18. Attitudes towards COVID-19 vaccination

* 17. Are you recommending the COVID-19 vaccine to your patients / community?

- Yes, to everyone
- Yes, but only to the high-risk groups
- I will wait for more data regarding efficacy and safety
- It depends on the type of vaccine
- No, I do not recommend it
- Don't know
- Not applicable

19. Attitudes towards COVID-19 vaccination

* 18. Are you recommending the COVID-19 vaccine to your family and friends?

- Yes, to everyone
- Yes, but only to the high-risk groups
- I will wait for more data regarding efficacy and safety
- It depends on the type of vaccine
- No, I do not recommend it
- Don't know
- Not applicable

20. Attitudes towards COVID-19 vaccination

19. When was the last time you received information or training on vaccination, e.g., a lecture, webinar, etc., from a trusted institution? (university, WHO, CDC, hospital, etc.)?

- | | |
|--|--|
| <input type="radio"/> Between 2022 and 2018 | <input type="radio"/> I have not received any vaccine training after graduation |
| <input type="radio"/> Between 2017 and 2013 | <input type="radio"/> I never received any training on vaccines (even during bachelor or master) |
| <input type="radio"/> Earlier than 2012 | |
| <input type="radio"/> Other (please specify) | |

21. Attitudes towards COVID-19 vaccination

* 20. What sources do you consult to expand your knowledge of COVID-19 vaccines?

(Please select all that apply)

- Colleagues and other types of health professionals
- Television and/or radio
- Printed and/or online newspapers
- Institutional websites (e.g. World Health Organisation, Ministry of Health, health authorities)
- Other websites
- Social networks (e.g. Facebook, Instagram, Twitter)
- Biomedical databases and/or scientific articles and/or newsletters of scientific societies
- Webinars and/or scientific courses run by trusted scientific organisation
- Friends and family
- Community members
- None
- Other (please specify)

22. Attitudes towards COVID-19 vaccination

* 21. On a scale from 1 (not at all) to 10 (very much), how extensive do you consider your knowledge of the COVID-19 vaccine?

1 2 3 4 5 6 7 8 9 10

23. Attitudes towards flu vaccination

* 22. Did you get vaccinated against flu before the pandemic?

- Yes, every year
- Yes, time to time
- No

24. Attitudes towards flu vaccination

* 23. Did you get vaccinated against flu in the last winter season?

- Yes
- No

25. Attitudes towards flu vaccination

* 24. Will you get vaccinated against flu for the next winter season?

- Yes
- No
- I don't know

26. Perceived change in the sentiment towards vaccination

* 25. Please give your opinion on the following statements:

	Strongly disagree	Disagree	Agree	Strongly agree
My attitude towards vaccination (in general) has not been influenced by the COVID-19 pandemic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The COVID-19 pandemic has increased my confidence in the safety of vaccines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The COVID-19 pandemic has increased my confidence in the health system of my country	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
From now on, I will pay more attention to updating my vaccination schedule in general	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am keen to receive another COVID-19 vaccination if the health authority recommends it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The COVID-19 pandemic has reduced my confidence in my country's decision makers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The COVID-19 pandemic has increased my confidence in social media	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The COVID-19 pandemic has increased my confidence in media	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The COVID-19 pandemic has reduced my confidence in community/religious/cultural leaders and traditional healers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

27. Perceived change in the sentiment towards vaccination

26. Please share any comments or suggestions you have in relation to this survey: