

Barriers to completing the Mpox vaccination series:

A Single Center Survey

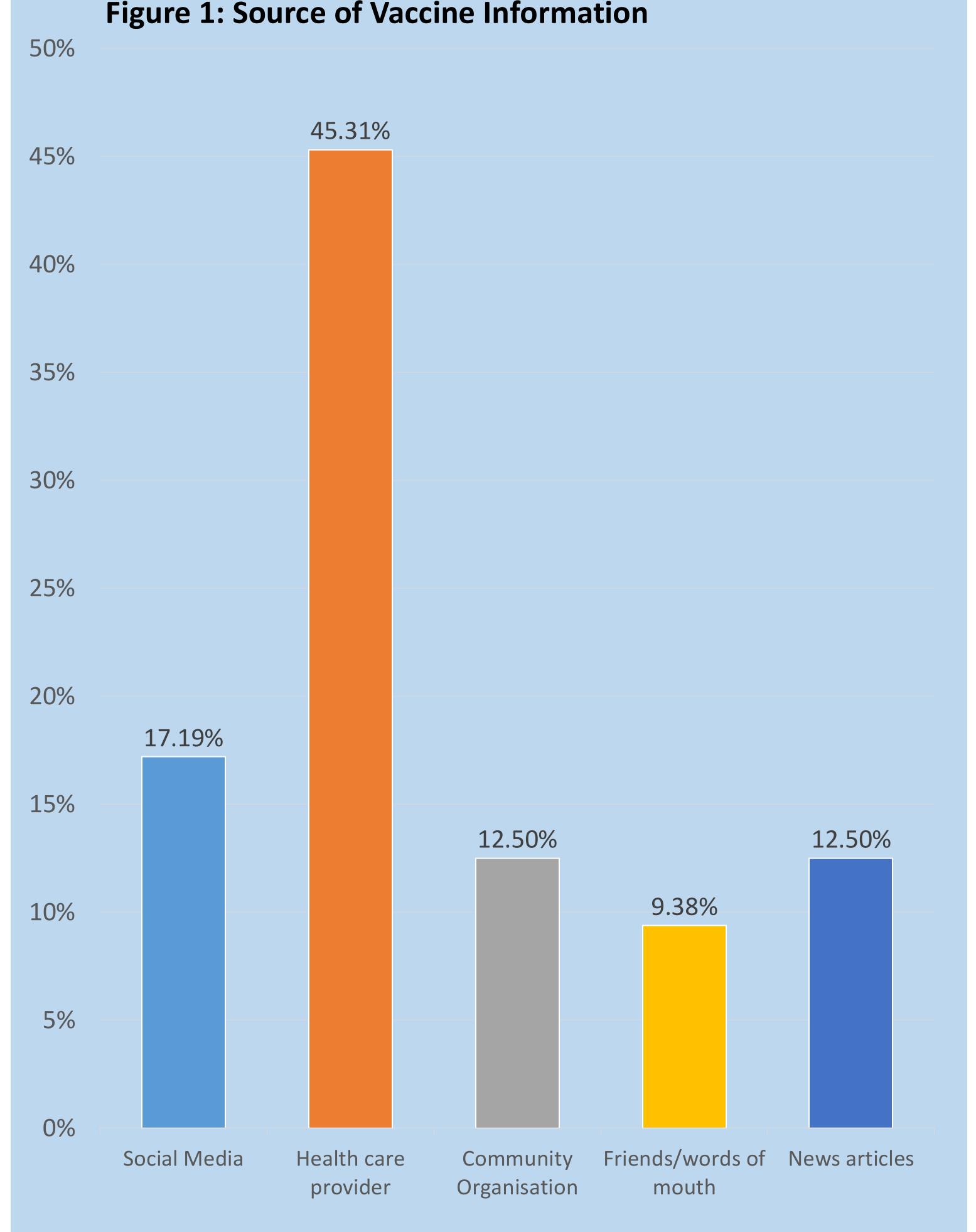


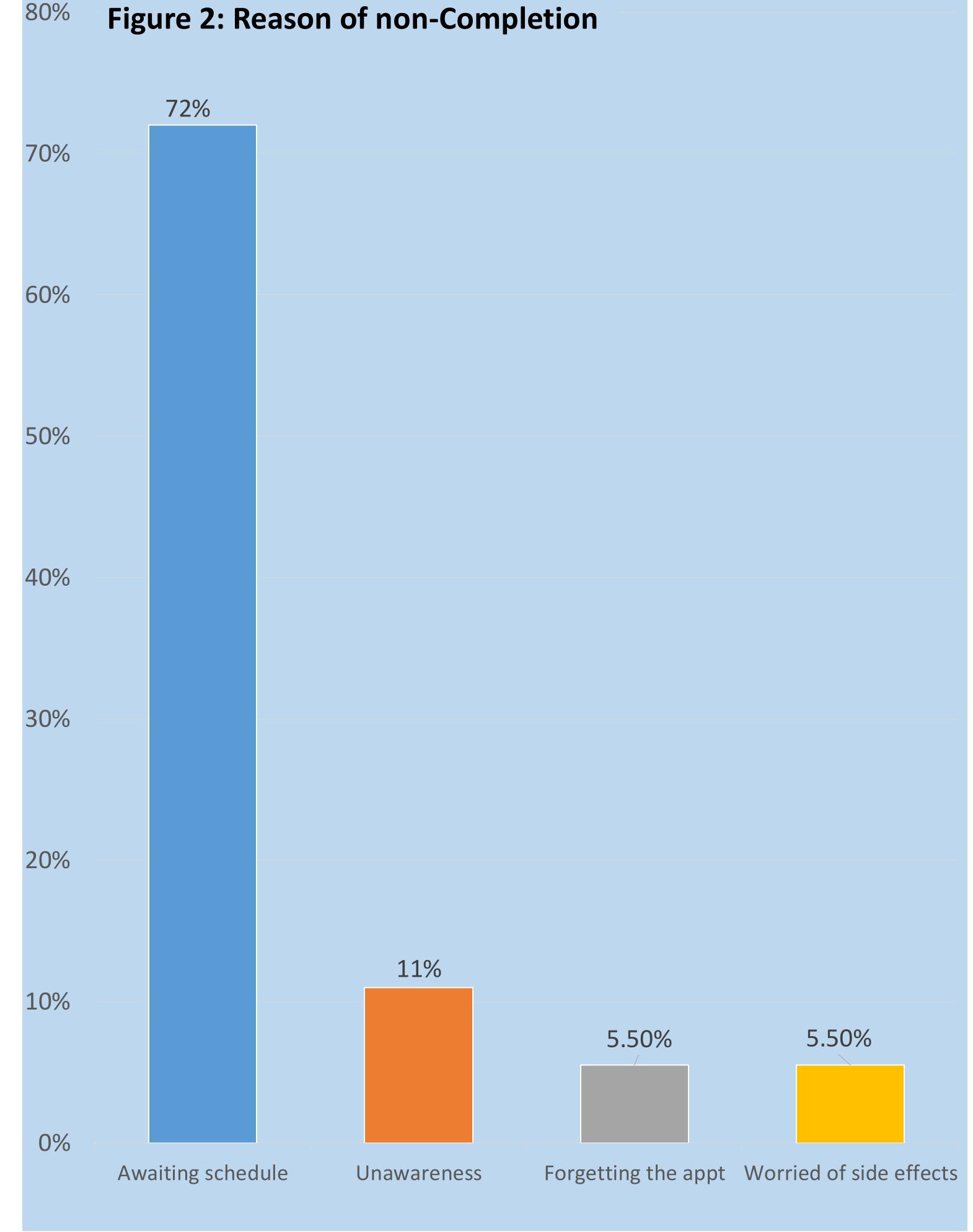
Luzviminda Magalona¹, Mairead O' Connor¹, Aoife Heeney¹, Padraig McGettrick¹, Tara McGinty¹, Christine Kelly^{1,3}, Eavan Muldoon^{1,3}, Aoife Cotter^{1,3}, John S. Lambert^{1,2,3}, Carlos Mejia-Chew^{1,3}

- Mpox Vaccination is a crucial public health initiative to reduce the spread and severity of Mpox infection.
- In August 2024, the Mater Misericordiae University Hospital (MMUH) Infectious Diseases Clinic incorporated routine Mpox vaccination into their standard of care to anyone attending clinic and eligible as per current National Immunisation Advisory Committee guidelines.
- We conducted a survey to explore potential barriers to completion of the vaccination schedule.

- 20 multiple-choice question online survey using SurveyMonkey.
- To explore possible barriers to complete the vaccination schedule we focused on three key areas of interest: knowledge gaps, service complexities, and stigma.
- The survey was distributed via email to all clinic users who received at least one Mpox vaccine dose between August 1, 2024, and March 13, 2025, and provided their email to be contacted by the service.
- Those who had received a second dose were excluded from the questions addressing barriers and potential facilitator to complete the vaccination series.
- This Audit was approved MMUH's Clinical Audit & Effectiveness Committee (CA25-035)

- 191 people contacted
- 66 (34.5%) responded to the survey.
- Most respondents were aged 25-44 years (72%) and 19 (29%) were people living with HIV.
- Thirty-one (48.4%) self-identified as White/Caucasian, 25% as Asian, and 25% as Hispanic/Latino.
- Twenty-one (33%) respondents had not received the second vaccine dose.
- 94% received sufficient information about the need for the second dose, and identified their healthcare provider as the main source of vaccine information (Figure 1)
- Pending scheduling for the second dose was the most common reason for non completion (Figure 2), and potential facilitators to receive a second dose included more flexible appointment options (66.7%), such as walk-ins, and text/email reminders (55%).
- Overall, 94% were very satisfied with the service.





CONCLUSION

- Overall satisfaction with the MMUH vaccination service was high.
- The main barriers to completing the Mpox vaccination series include lack of awareness of the need of the 2nd dose and scheduling delays.
- Reminders and scheduling flexibility might help increase Mpox vaccination completion rates.

REFERENCES

National Immunisation Guidelines, chapter 13a European Centre for Diseases Prevention and Control