



Mpox Vaccination Among California's Medication Assistance Clients

Uptake, Motivation, and Risk Perception

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Background

- Mpox spread worldwide beginning in Spring of 2022
- Mpox may result in severe illness and death in those with weakened immune systems
- Persons Living with HIV (PLWH) are over-represented in reported cases
- There is a free and effective vaccine and PEP available

Purpose

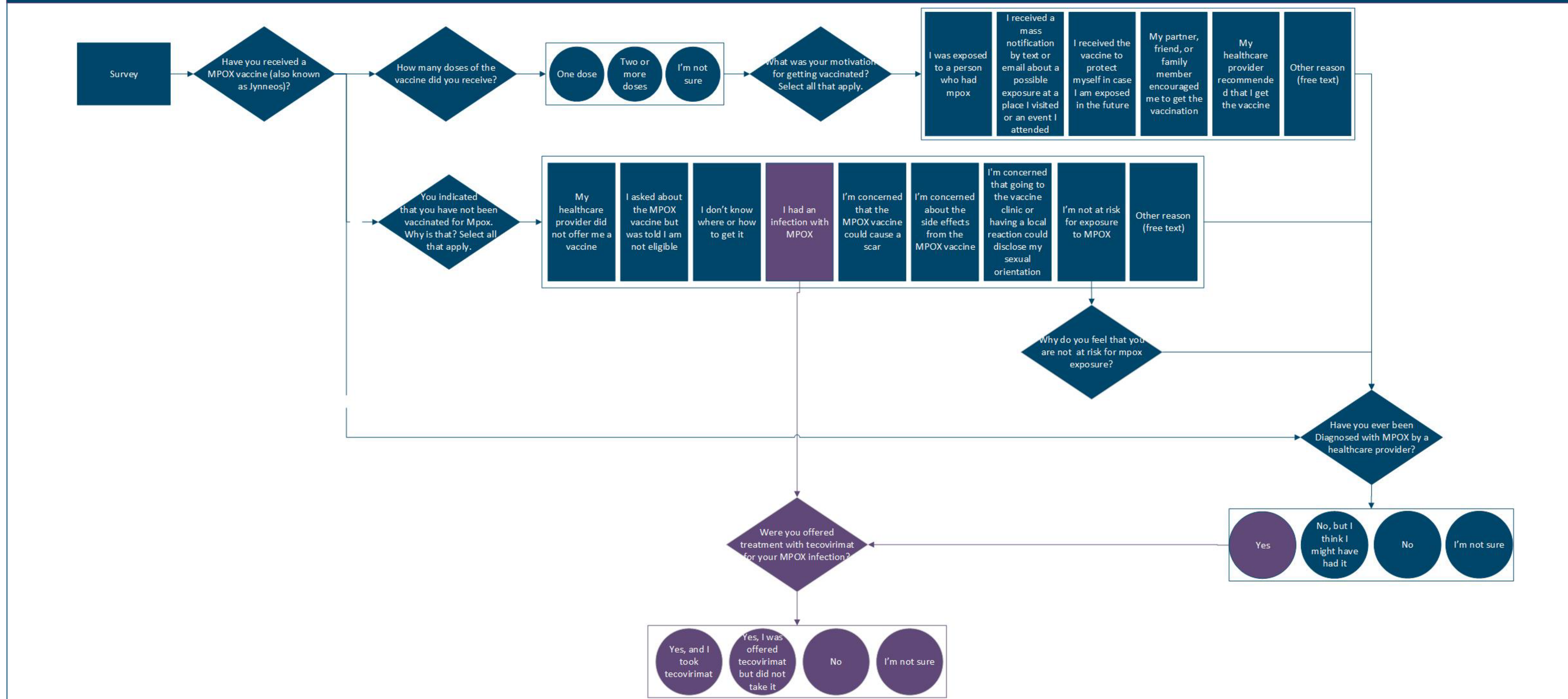
- Get timely, direct input from a population of concern on their reasons for getting or not getting vaccinated
- Use that information to direct the California Department of Public Health mpox prevention strategy

Table 1: Demographics of California Medication Assistance Program Survey Respondents, 2023

Demographics

Responded to the survey	Count	Percent
Yes	1288	5%
No	26,922	95%
Total Respondents	1288	100%
Have you received an mpox vaccine (also known as Jynneos)?*	Count	Percent
Yes	802	62%
No	452	56%
I'm not sure	34	8%
Total Respondents	1288	100%
How many doses of the vaccine did you receive?	Count	Percent
Two or more doses	711	89%
One dose	82	10%
I'm not sure	8	1%
Total Respondents	801	100%
Race/Ethnicity	Count	Percent
White	720	65%
Latinx	259	23%
Black or African American, Asian, American Indian or Alaska Native, Native Hawaiian or Pacific Islander, Multirace, and Decline to Provide	137	12%
Total Respondents	1116	100%
Age	Count	Percent
16-24 years, 25-34 years	58	5%
35-44 years	97	9%
45-54 years	148	13%
55-64 years	333	30%
65+	481	43%
Total Respondents	1117	100%
Gender Identity**	Count	Percent
Cis male/male	952	88%
Trans male/trans man, Cis female/woman, Trans female/ trans woman, Genderqueer, non-binary, or gender that is not listed, Not sure, Declined to provide	135	12%
Total Respondents	1167	100%
Sexual Orientation**	Count	Percent
Gay, lesbian, or same-gender loving	952	88%
Bisexual	54	5%
Heterosexual or straight, Queer, Pansexual, Questioning/unsure/don't know, Declined to provide	51	4%
Total Respondents	1167	100%
*8 respondents were ineligible for vaccination due to having been previously diagnosed with mpox		
**Question phrased as "select all that apply"		

Survey Logic



Methods

- Invitations to take a short, anonymous Qualtrics survey were mailed to eligible California ADAP and PrEP-AP clients
- Inclusion criteria of being active in either program, having a verified mailing address, and allowing physical mail to be sent to them.
- Survey ran from January 4th, through January 17th, 2023
- Of the 26,922 eligible ADAP clients and PrEP-AP clients, 1,288 total responses were logged (4.8% response rate)
- Descriptive statistics were produced to assess vaccination status, motivation for being (or not being) vaccinated, and risk perception

Limitations

- Non-representative sample
- Small sample size
- Medication assistance program clients tend to have higher vaccine uptake

Conclusions

- Most respondents were fully vaccinated
- Racial differences were evident in motivation for being vaccinated and reasons for not being vaccinated
- Respondents with >1 sex partners were likely to correctly perceive their risk of mpox exposure

Implications

- Medication Assistance clients are responsive to direct-to-client surveys, and can provide valuable insights
- Having a healthcare provider recommendation may be an important motivator for POC to get vaccinated
- Efforts to increase vaccine uptake may be more effective if they are focused on the initial dose, as nearly all respondents who had received one dose had also received their second dose

Findings

Figure 1: Motivation for Mpox Vaccination by Race/Ethnicity for California Medication Assistance Program Survey Respondents, 2023

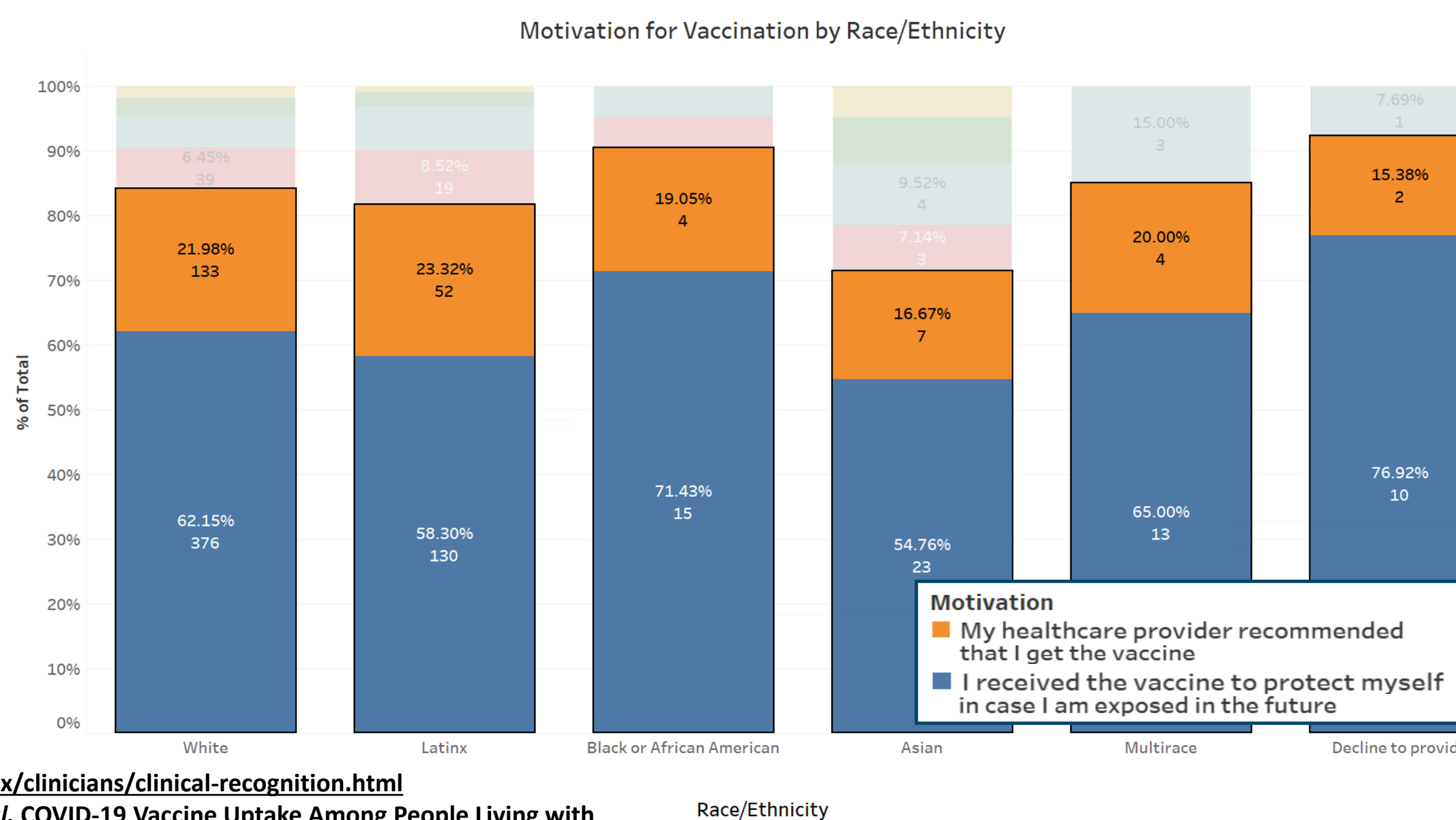


Figure 2: Reasons for Not Being Vaccinated for Mpox in Respondents with More Than 0 Sex Partners in the Last 3 Months for California Medication Assistance Program Survey Respondents, 2023

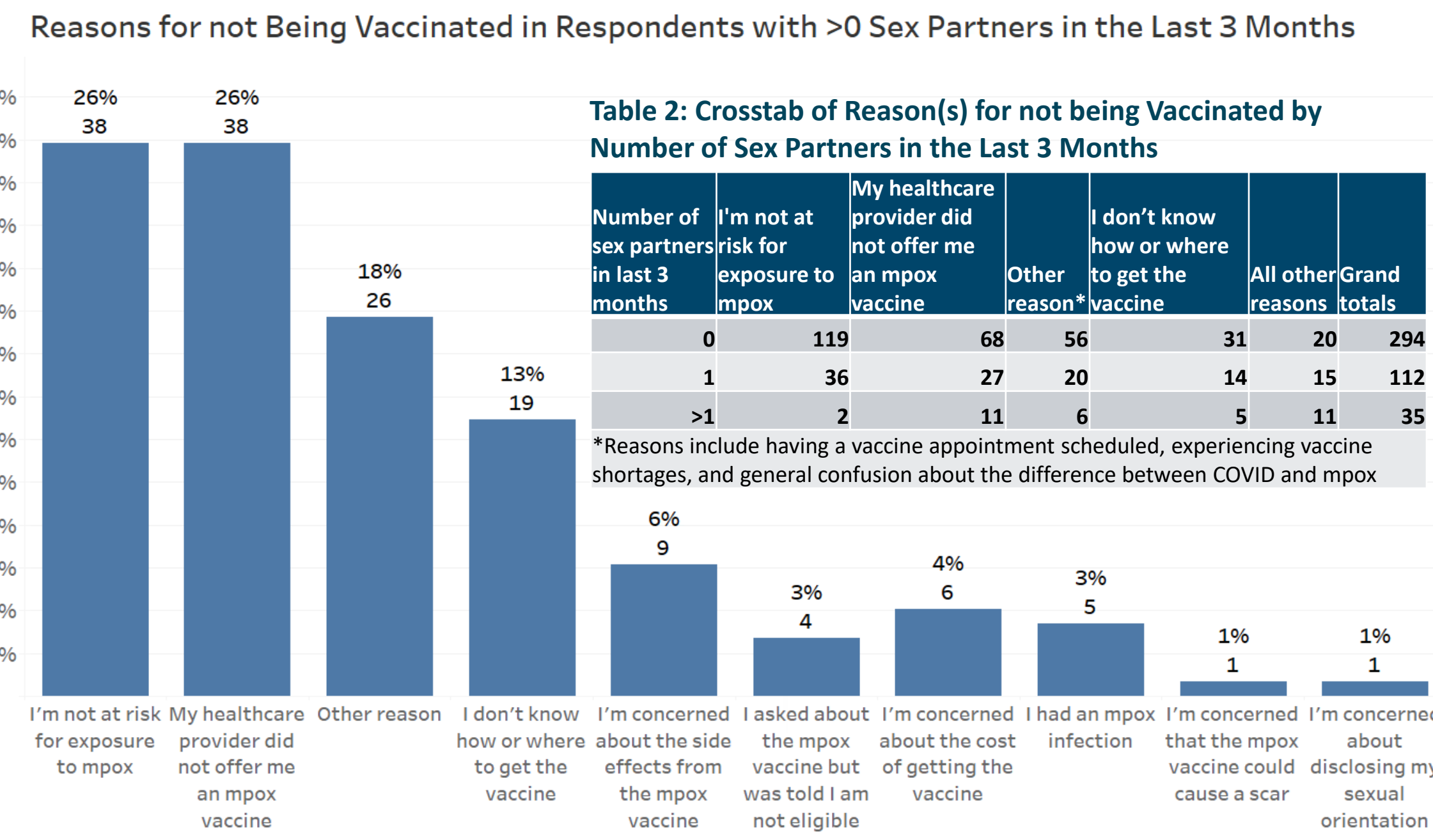


Figure 3: Reasons for Not Being Vaccinated for Mpox by Race/Ethnicity for California Medication Assistance Program Survey Respondents, 2023

