



Beyond Income and Education:

Determinants of Vaccine Attitudes Among Caregivers in a Low-Resource Setting



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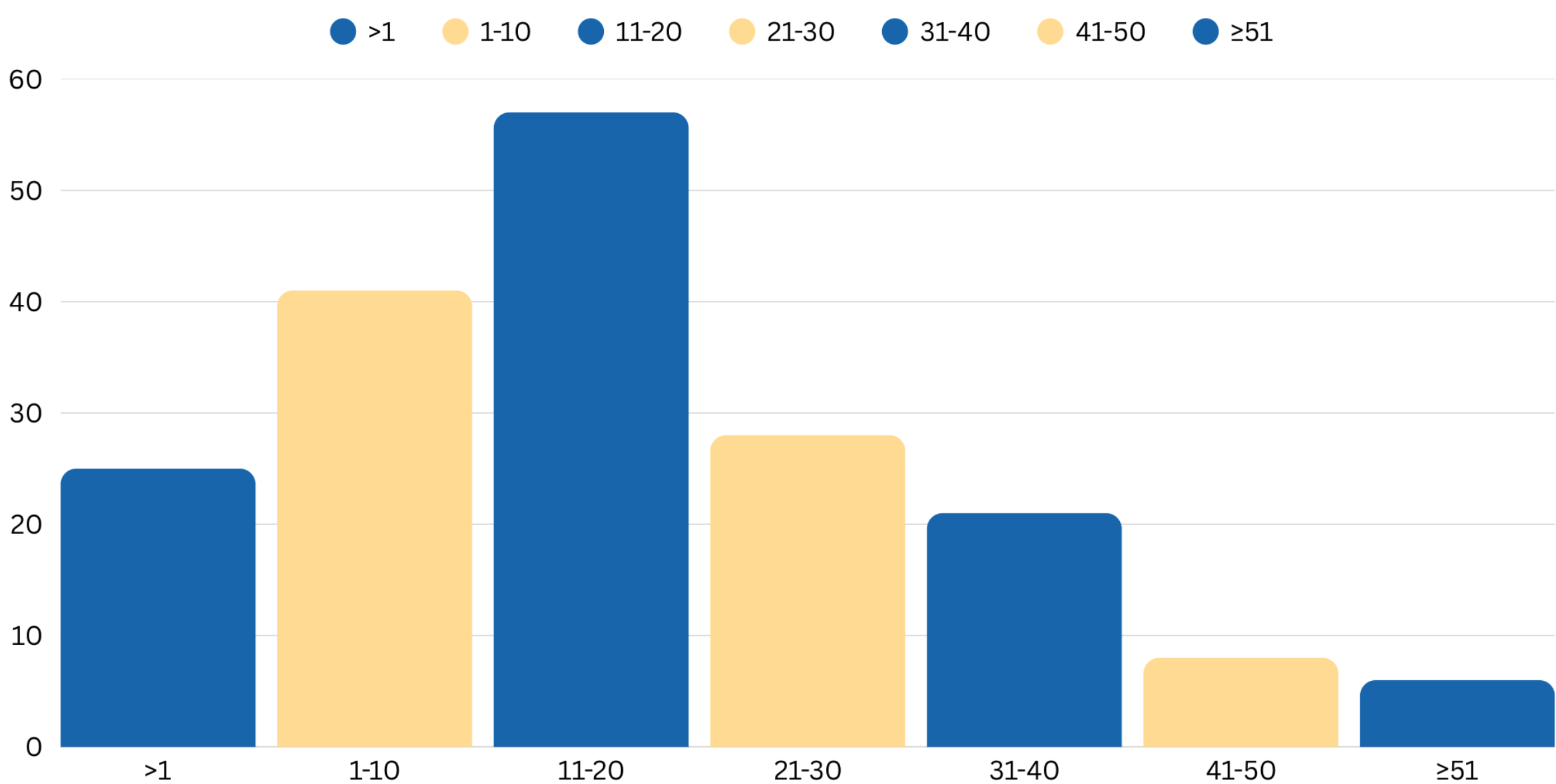
Introduction

- 15% of Dominican children under-vaccinated (WHO/UNICEF).
- The Americas = 2nd worst global region for coverage.
- Vaccine gaps linked not only to access but also hesitancy.
- Goal: explore caregiver attitudes & barriers in DR.

Methods

- Cross-sectional survey at tertiary pediatric hospital.
- N = 186 parents/caregivers.
- Tool: Parent Attitudes about Childhood Vaccines (PACV).
- Added demographics + socioeconomic questions.
- Analysis: Descriptive + χ^2 in JASP v0.19.3.

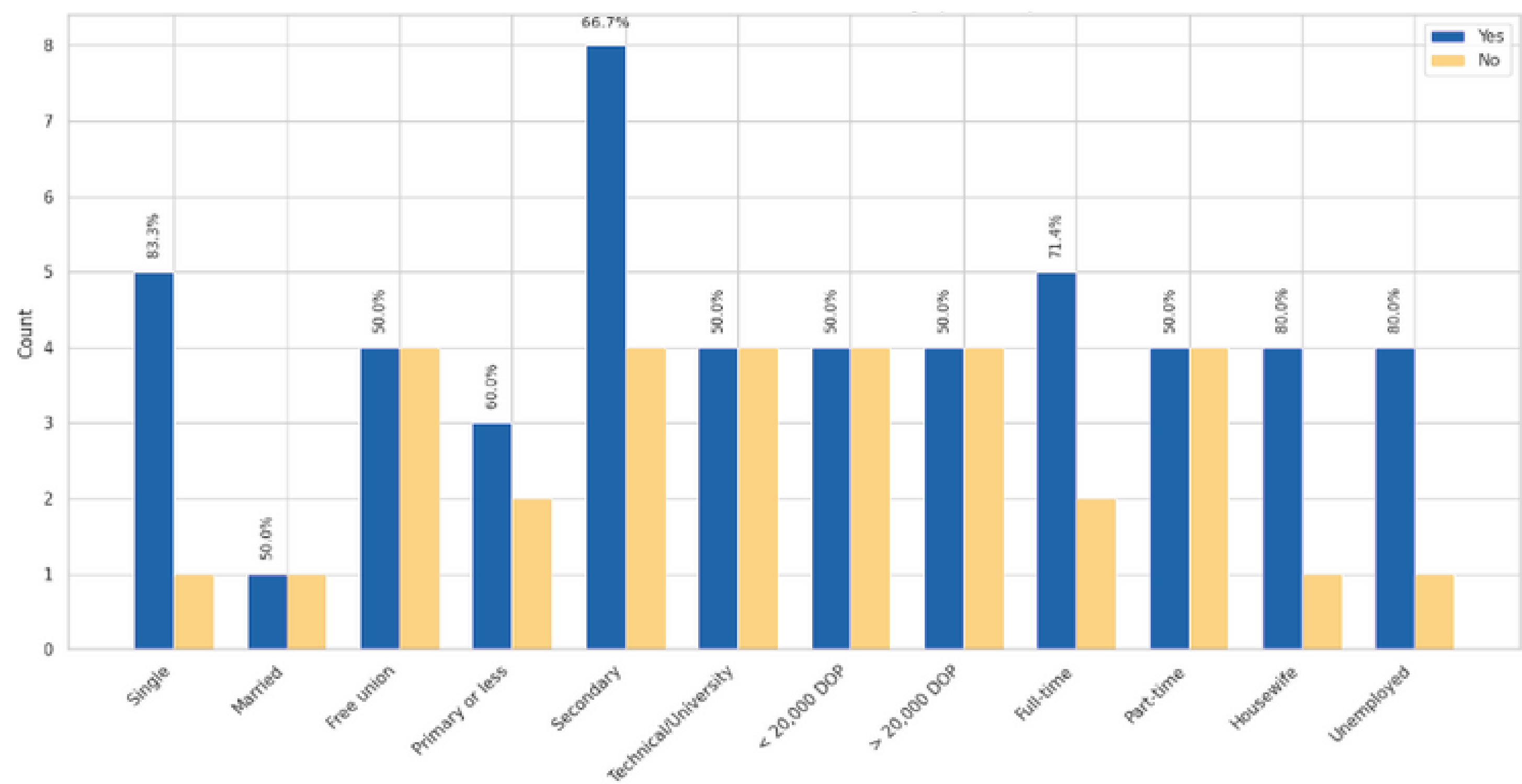
PACV Scores Results



Graph 1: "PACV Scores Distribution"

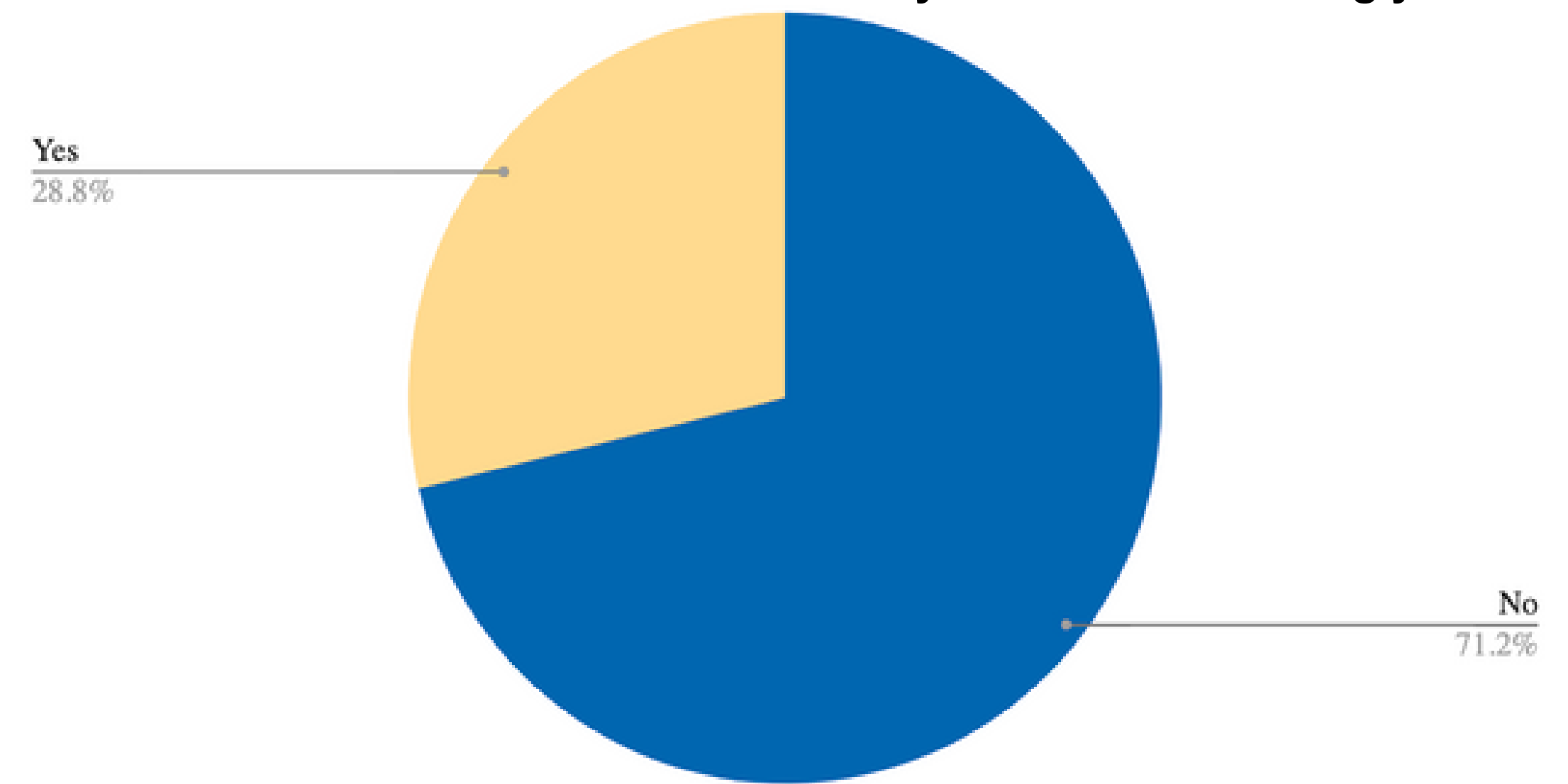
≤ 50 = Favorable attitude toward vaccination
 > 50 ≤ 70 = Moderately hesitant attitudes
 > 70 ≤ 100 = Skeptical or anti-vaccination attitudes

Demographic Factors and Adherence to Vaccination Recommendations



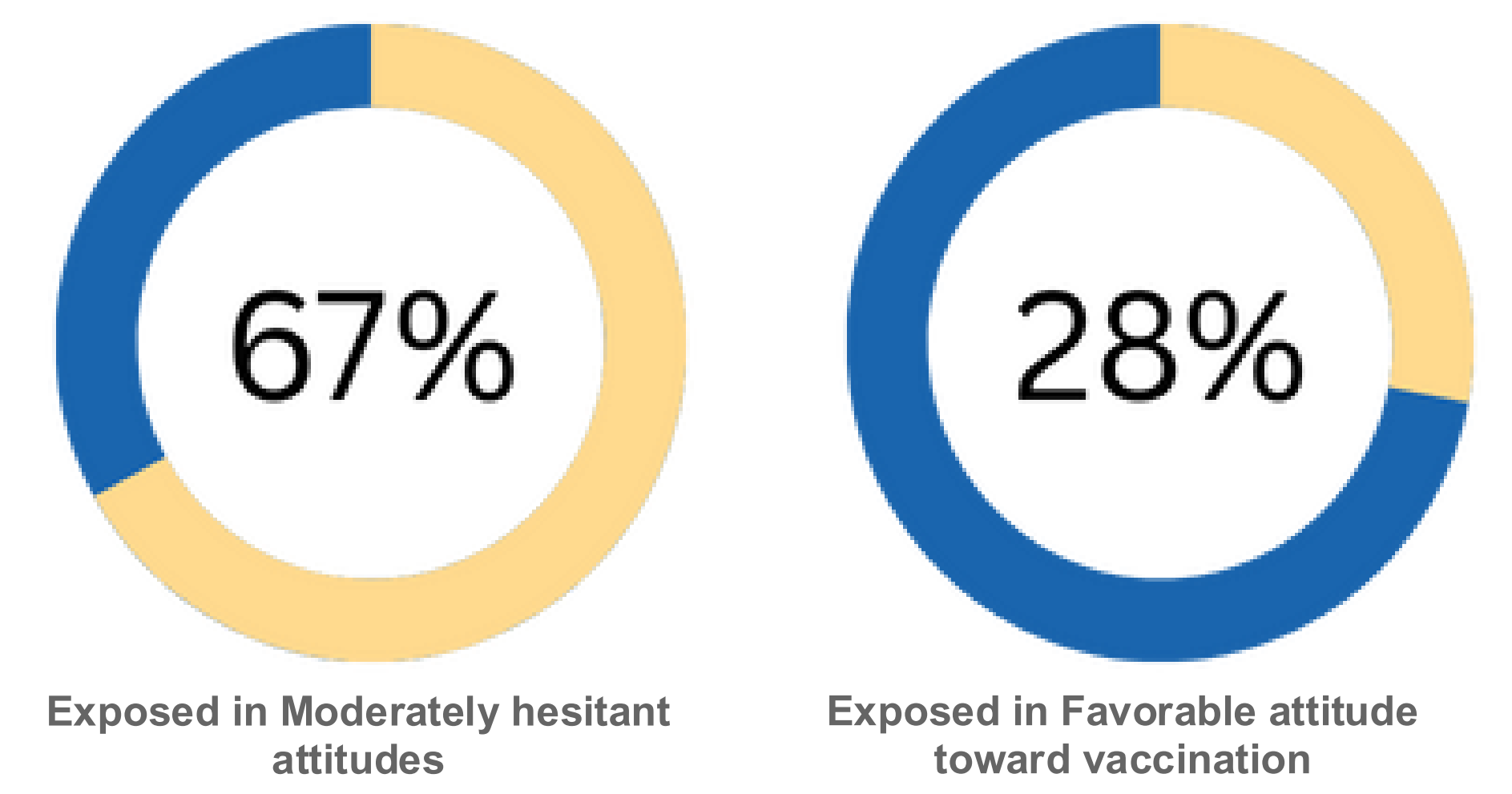
Graph 2: "Percentage Following or Not Vaccination Schedule by Demographic Group"

Have you ever seen information on social media that made you doubt vaccinating your child?



Graph 3: "Social Media Influence on Parents' Vaccine Hesitancy"

Exposure to Social Media Information



Graph 4: "Exposure to Social Media Information and Vaccination Attitudes"

Results

- 88.7% caregivers = mothers (mean age 30 ± 8.9 y).
- 64% < high school education.
- 60% < 20,000 DOP/month (~333 USD).
- 97% favorable vaccine attitudes.
- Social media misinformation ↓ favorable attitudes (p=0.047).
- Unemployed/stay-at-home parents = more favorable (p=0.017).
- Income & education = not significant.

Conclusions

- Most caregivers support vaccination (97%), despite low SES.
- Vaccine hesitancy not strongly tied to income/education.
- Stay-at-home parents show higher favorability.
- DR's 15% gap in coverage likely due to factors beyond SES.