





**Knowledge, Attitudes, Anxiety, and Preventive  
Behaviors Towards COVID-19 Among Health Care  
Providers in Yemen: an Online Cross-sectional Survey**  
المعرفة والاتجاهات والقلق والسلوكيات الوقائية تجاه كوفيد-19 بين مقدمي  
الرعاية الصحية في اليمن: دراسة عرضية عبر الإنترنت

**By**

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## Methodology

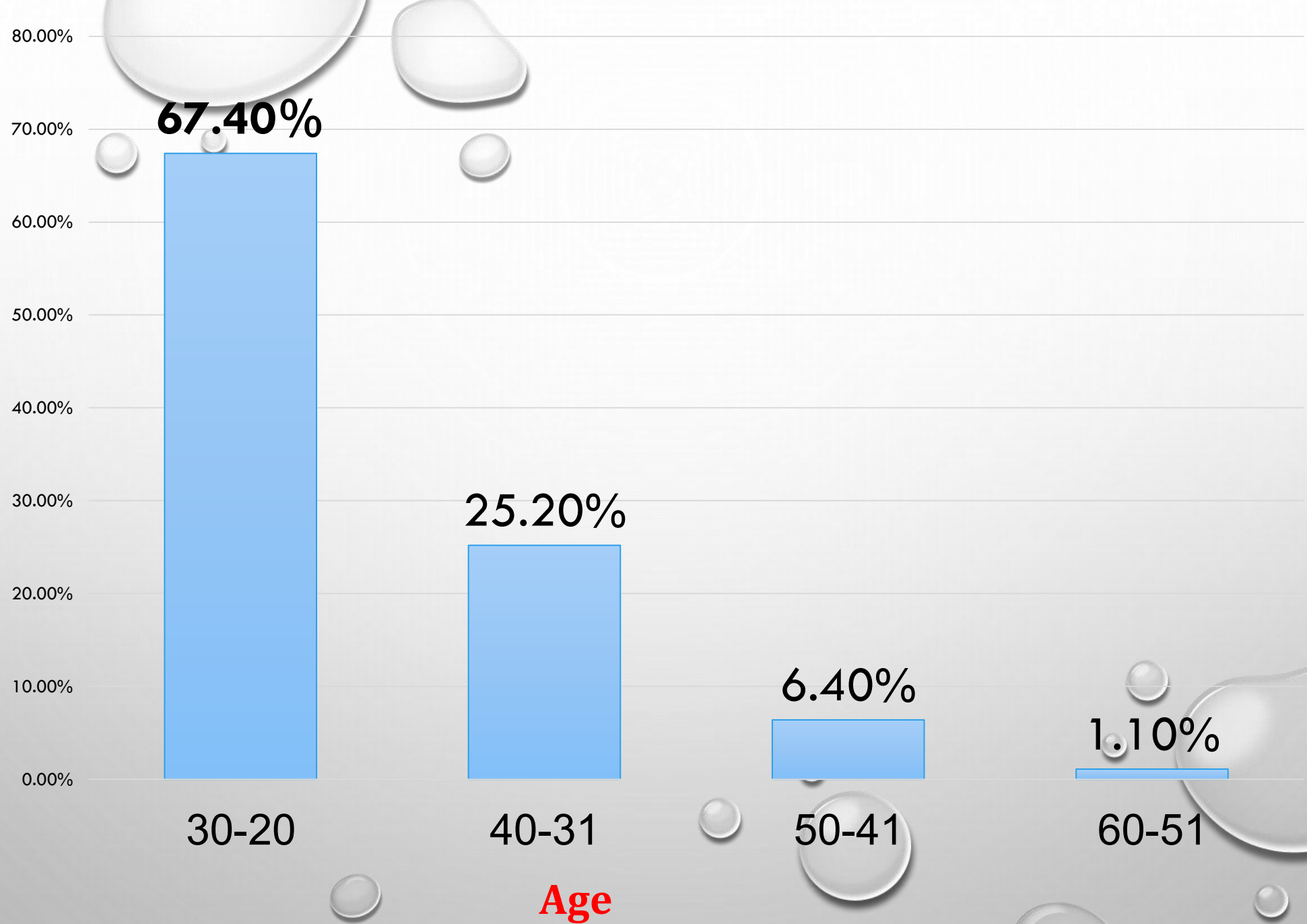
- A descriptive, web-based-cross-sectional study was used.
- It was conducted among a number of 1244 Yemeni HCPs.
- The COVID-19 related questionnaire was designed using Google forms.

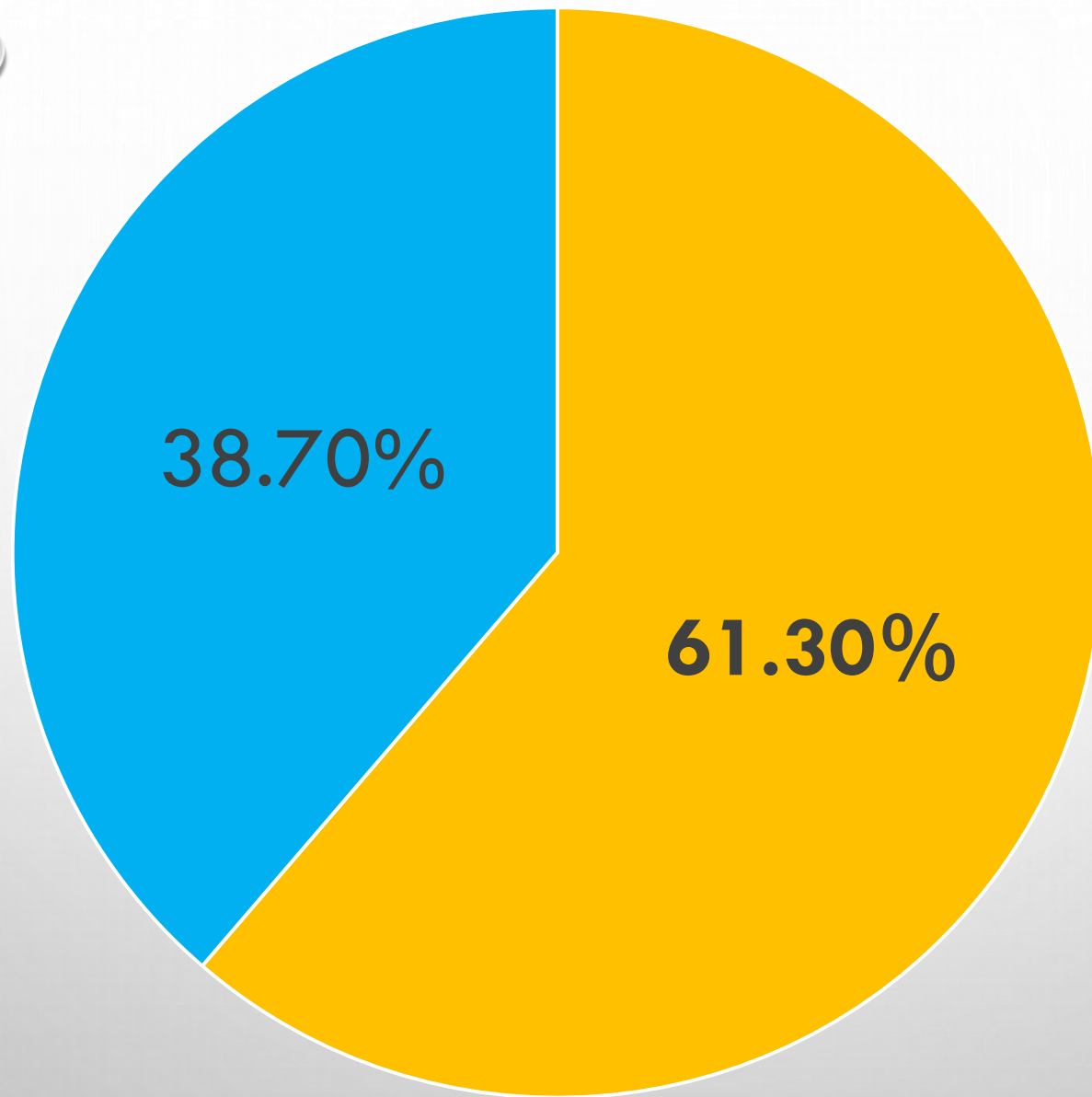
## Methodology

- The link of the survey was sent to the respondents via emails, WhatsApp messages and WhatsApp groups as well as Telegram and other social media.
- The data collection started on 22nd April 2020, at 6 PM and closed on 26th April 2020 at 11 AM

# Results

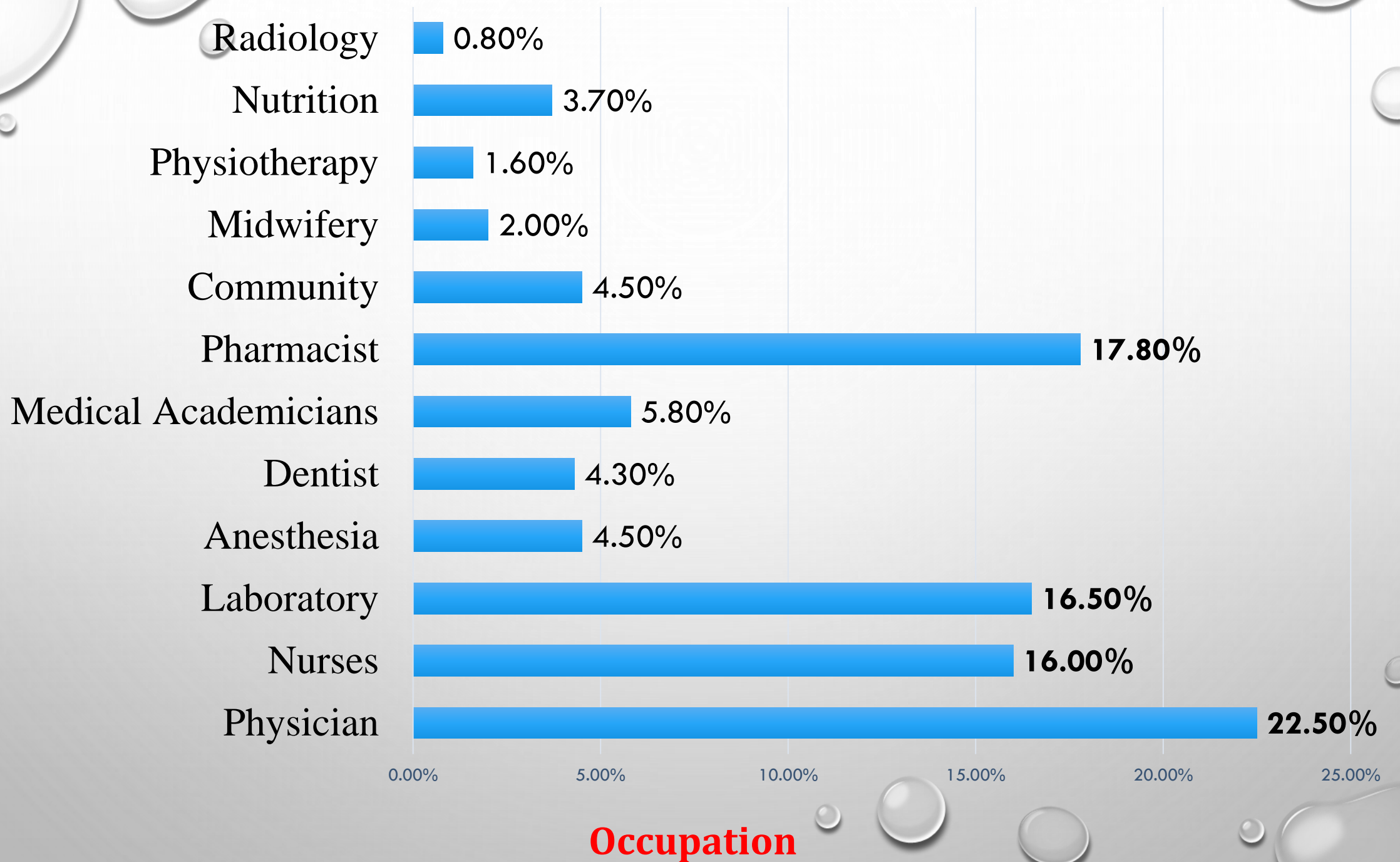




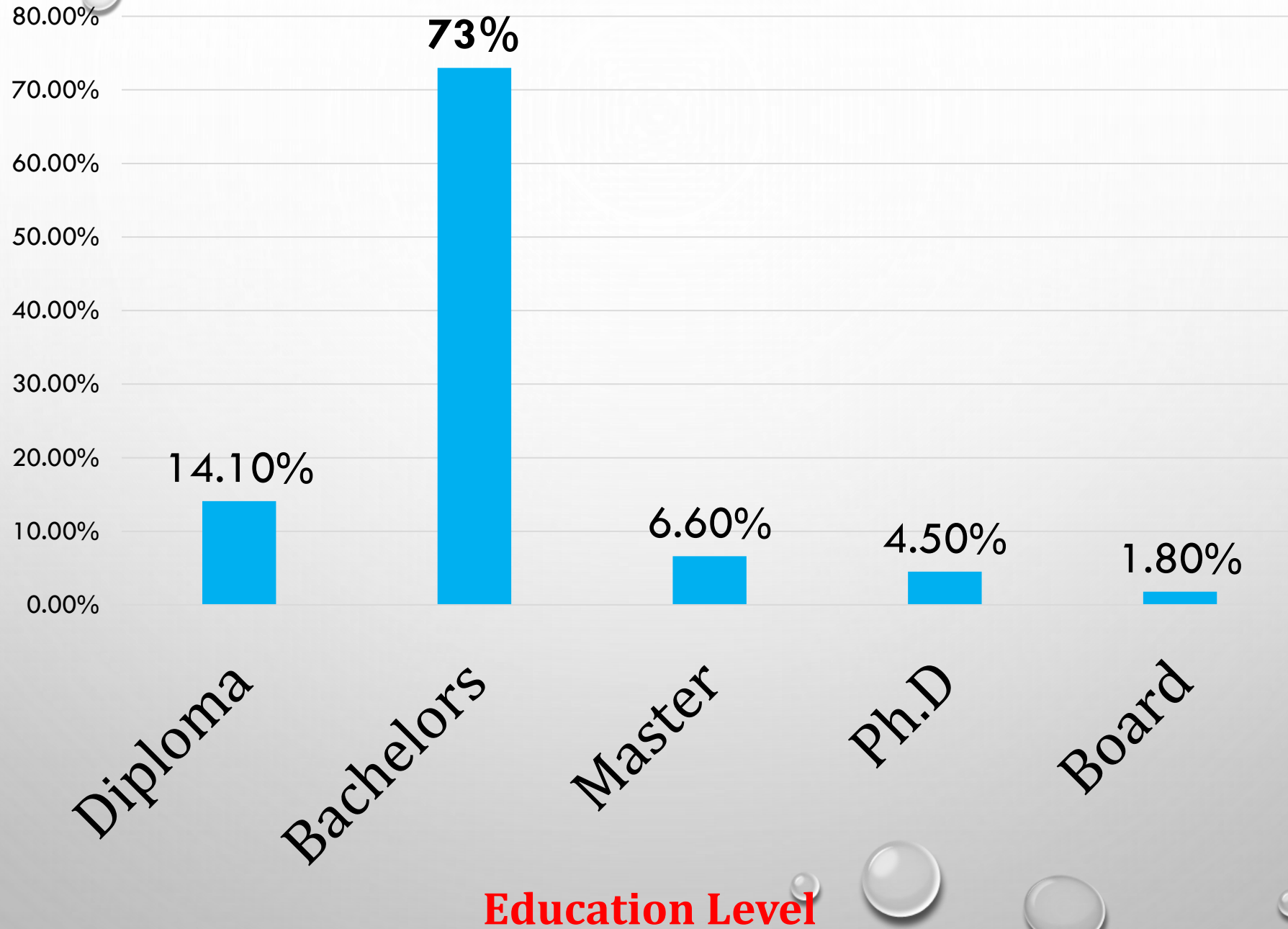


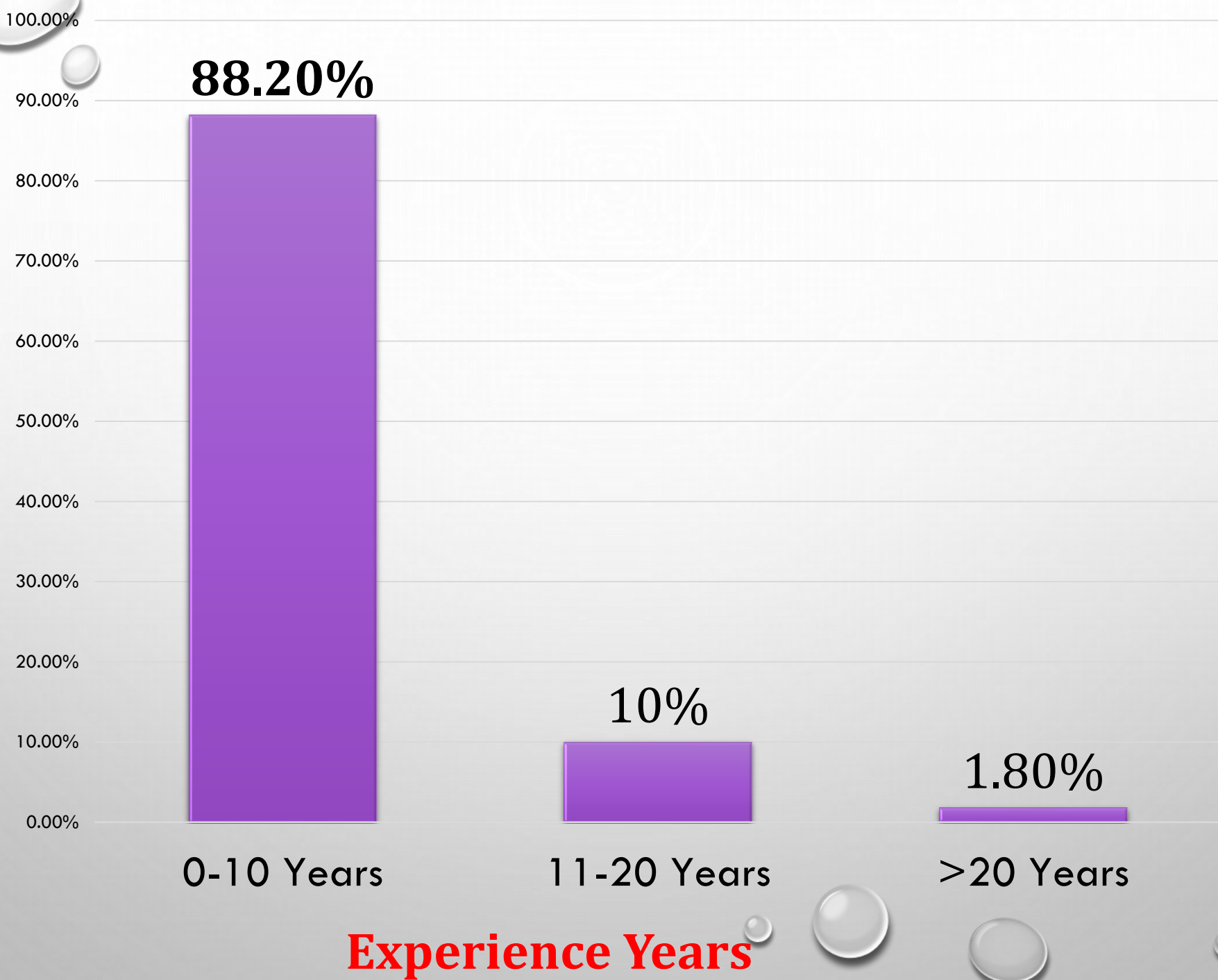
■ Male  
■ Female

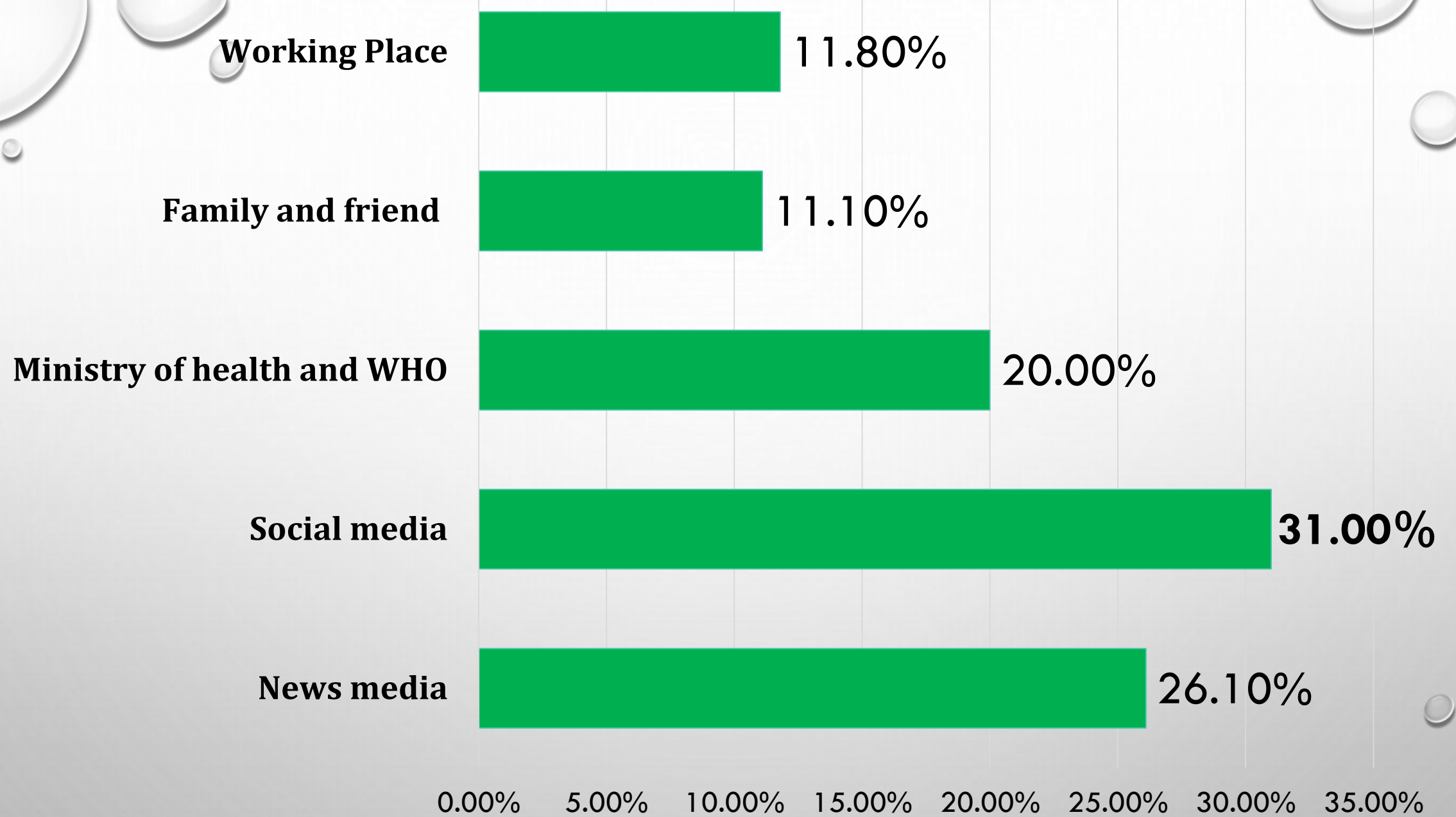
**Sex**



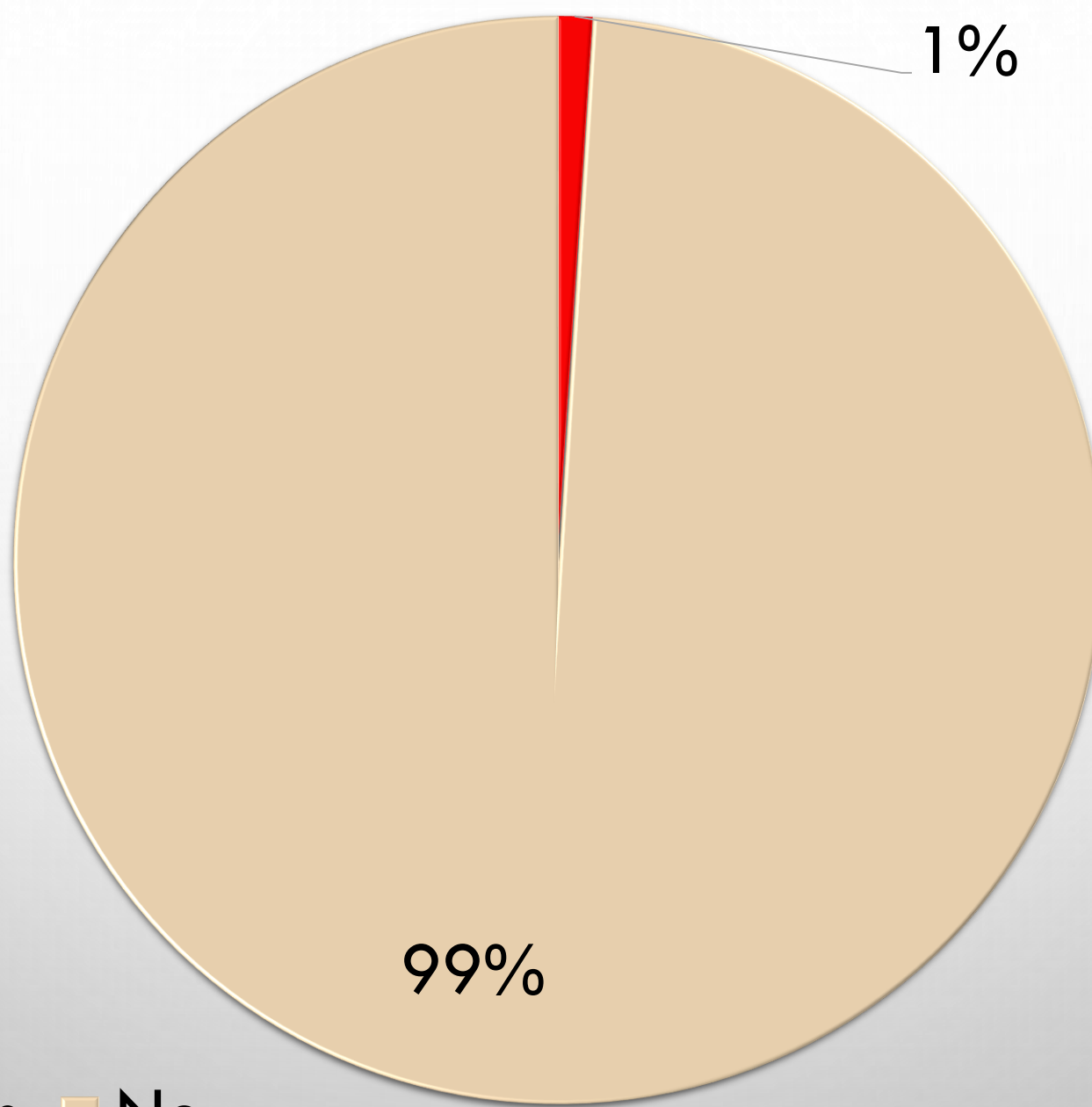








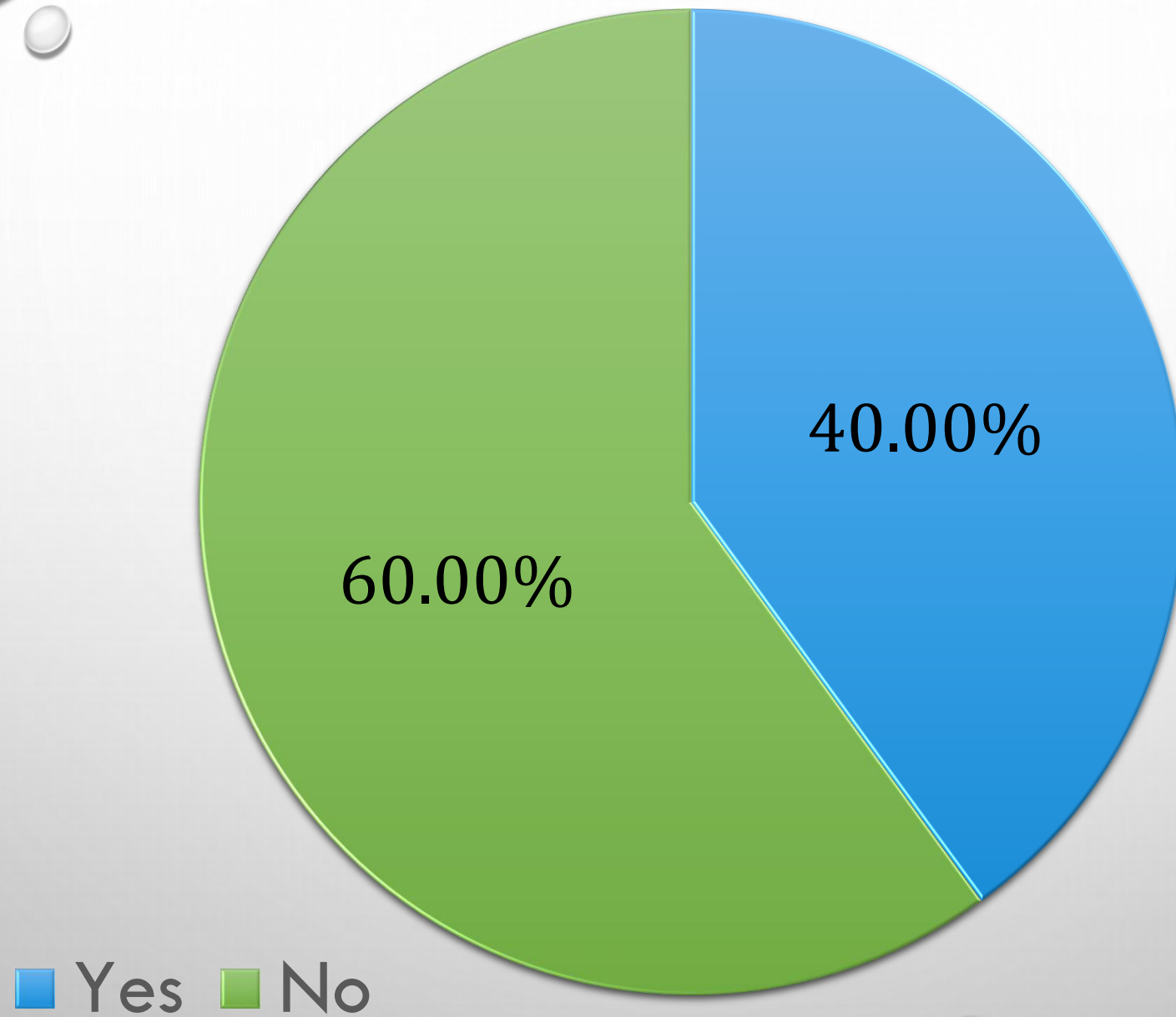
**Sources of information about COVID-19**



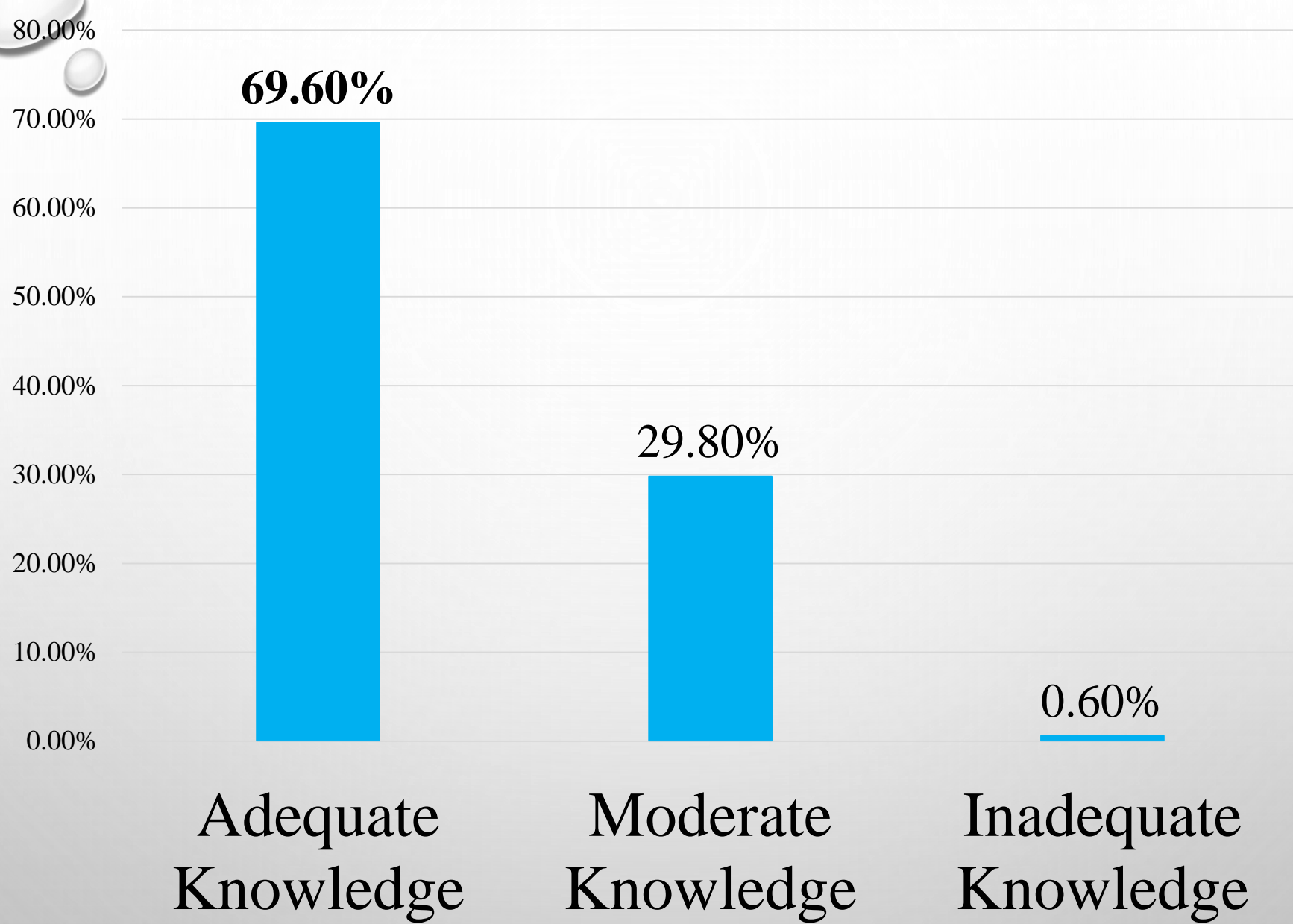
■ Yes ■ No

**Heard about Novel Covid-19**

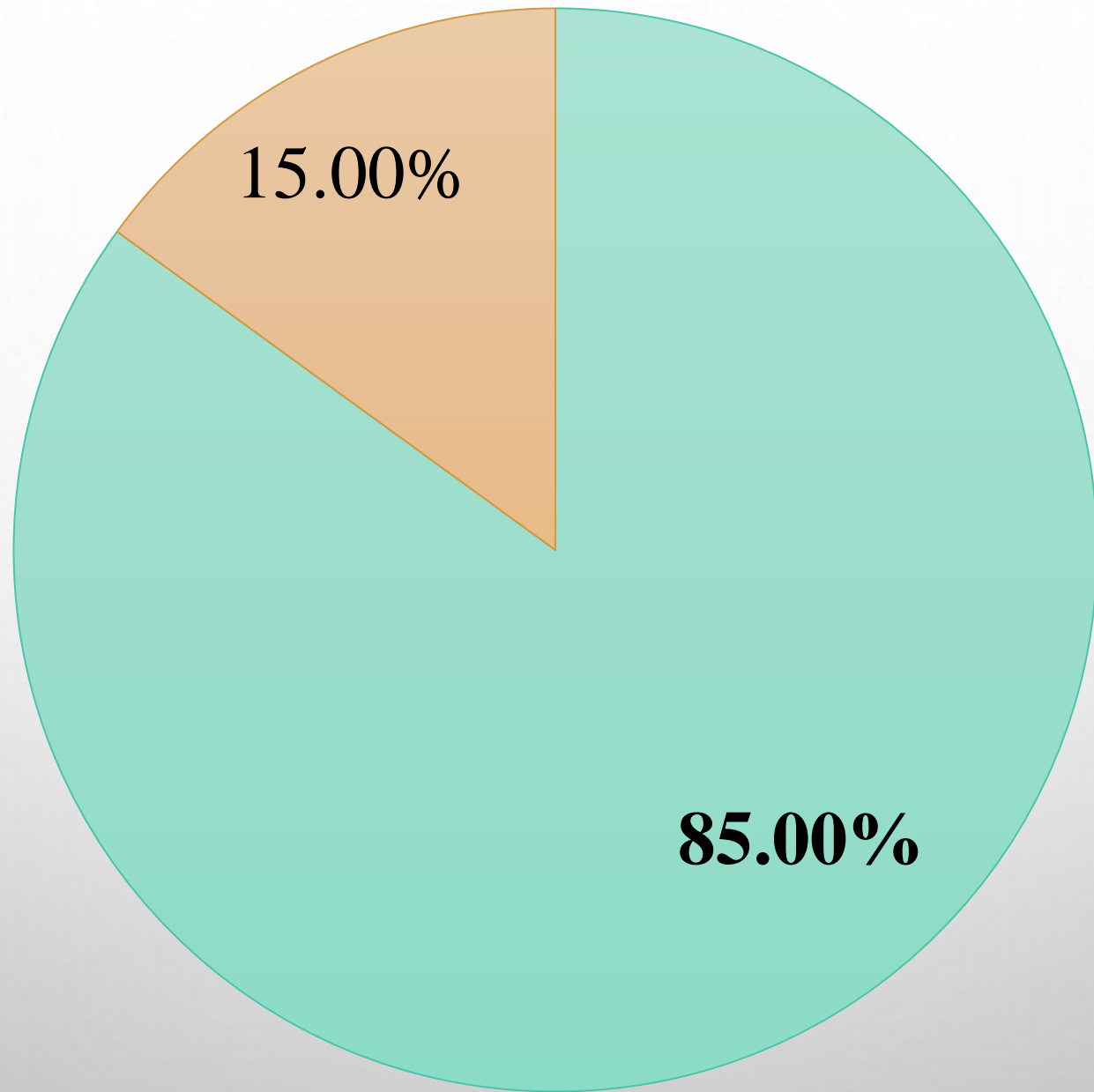




**Attended lectures/discussions about Covid-19**



**Knowledge level**



■ Positive Attitude ■ Negative Attitude

Low Anxiety

21.50%

Moderate Anxiety

50.80%

High Anxiety

27.70%

0.00%

10.00%

20.00%

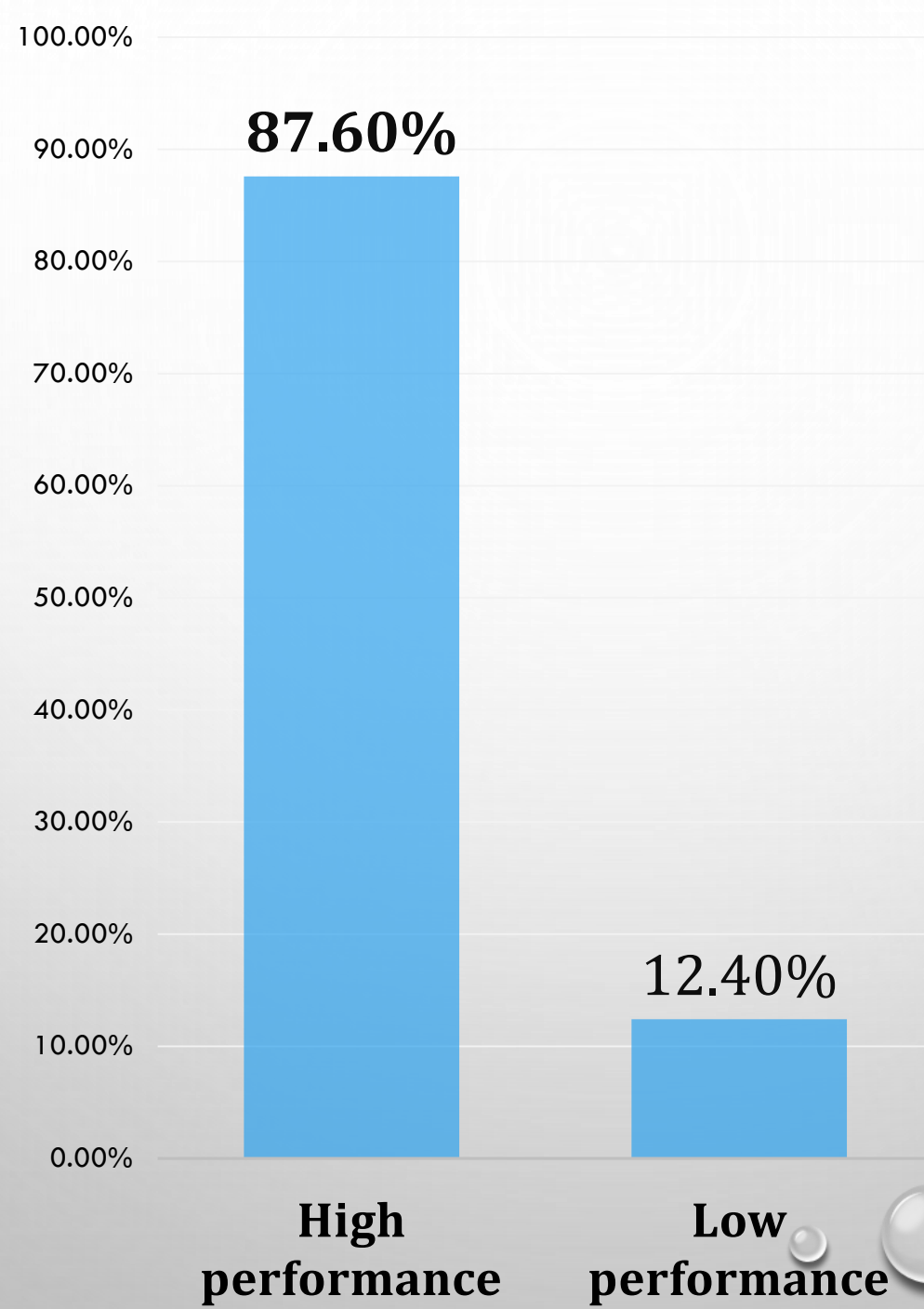
30.00%

40.00%

50.00%

60.00%





## **Study Limitations and recommendation**

- The data was collected through a web-based survey because it was not possible to conduct a face-to-face survey during exceptional period.
- Its exclusiveness to healthcare providers.
- Therefore, further research should involve different community-population, and when possible used a community-based studies design.

# **Covid-19 Infection and Risk Among Health Care Workers in Yemen**

**عدوى كوفيد-19 ومخاطر الإصابة بين مقدمي  
الرعاية الصحية في اليمن**

*Thank You*