

# Prevalence and factors associated with stress Depression and suicide risk among people infected with coronavirus 2019 in Region Health 6.



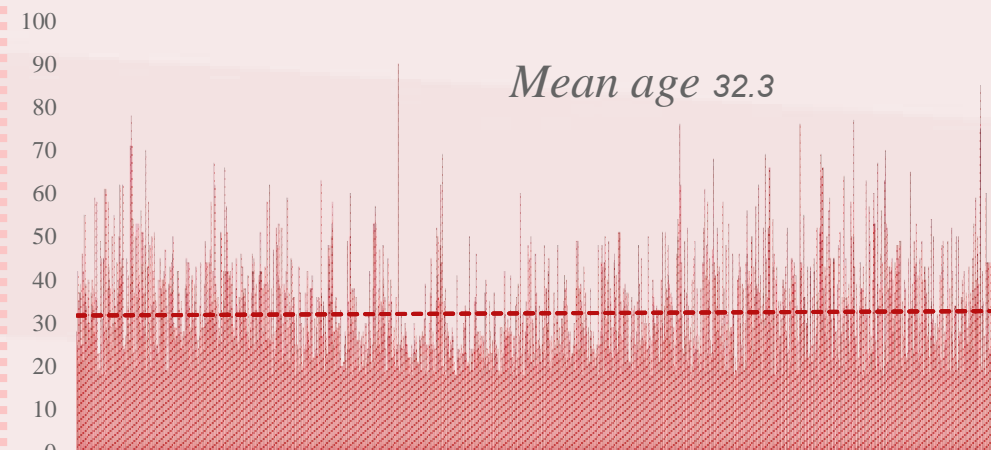
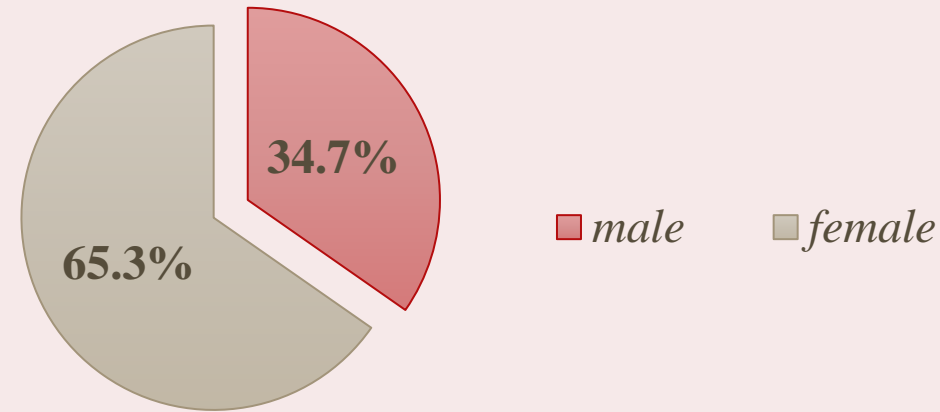
## Objective

To study the **prevalence and factors associated with stress Depression and suicide risk** among people infected with coronavirus 2019 in Region Health 6.

## Methods

This **cross-sectional analytical** study was collected between 1 August 2021 to 31 December 2021 using a general questionnaire.

**Stress Assessment Form (ST-5), Depression Assessment Form (2Q) and Suicide Risk Assessment Form (8Q)** of the Department of Mental Health, Ministry of Public Health. Sample of 1660 people was randomly assigned a specific type of memory. Subsequently, multiple logistic regression analysis was used to calculate the Odds Ratio (OR) and p-value.



## The results

Found that most of the samples were female 65.3 %, mean age of 32.3 years. **The prevalence of high and extreme stress was 17.2%**, Depression was 18.4%, and Suicide risk was 11%. Statistically significant factors (p-value<0.05) associated with stress were low income or debt(OR=3.5)),unemployment/layoff/unemployed (OR=2.6), gender (OR=2.4) and age (OR=0.2).

**Statistically significant factors** (p-value<0.05) associated with depressed were low income or debt (OR=3.2),unemployment/layoff/unemployed (OR=2.3), gender (OR=2.2) and age (OR=0.3). Statistically significant factors (p-value<0.05) associated with suicide risk were low income or debt (OR=3.9), unemployment/layoff/unemployed (OR=3.4), gender (OR=2.3) and age (OR=0.1).

## Conclusion

The results of this study show the magnitude of stress, depression and suicide among people infected with the coronavirus 2019 which people in high-risk groups should receive urgent care. **Point out the importance of mental health screening systems and referrals to nearby health care facilities.**

## Keywords

stress, depression, suicide risk, people

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**MENTAL HEALTH CHECK-IN**