# Prevalence of Mental Health Concerns and Suicide Risk in West Virginia:

Estimates from the Mountain State Assessment of Trends in Community Health (MATCH)

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# Introduction

Poor mental health is common in the United States (US) with an estimated one in five adults living with a mental illness in 2021.¹ Coronavirus disease 2019 (COVID-19) and current societal factors have affected many people's mental health, prompting the American Psychological Association to declare a mental health crisis.² Poor mental health increases health and mortality-related risks, especially among rural populations.³

To better understand mental health in West Virginia (WV), a mostly rural state, Mountain State Assessment of Trends in Community Health (MATCH) asked questions regarding individuals' mental health.



In partnership with WV DHHR and WVU Health Affairs Institute

# Methods

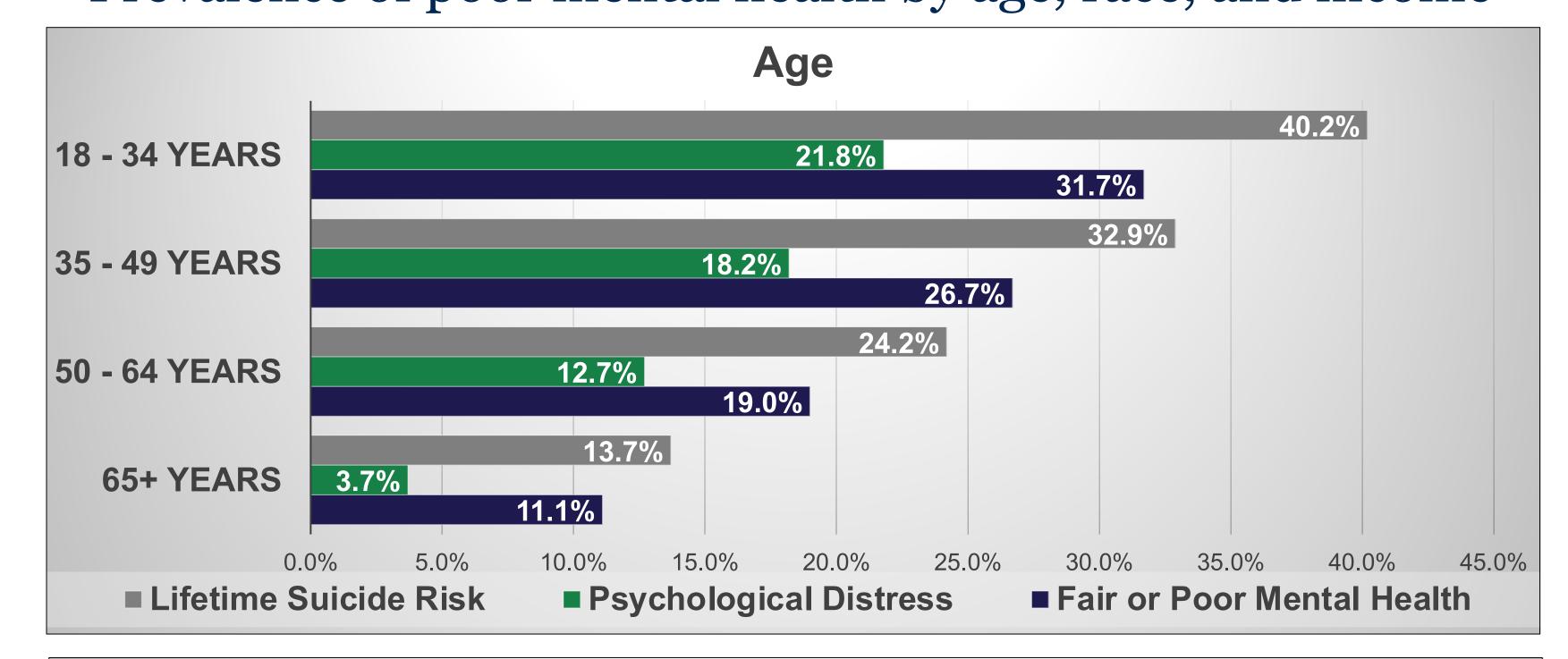
Established through a partnership between the West Virginia (WV) Department of Health and Human Resources (DHHR) and West Virginia University Health Affairs Institute, MATCH is a biennial, cross-sectional survey designed to collect state-, regional-, and county-level data on WV residents (ages 18 and over) living in non-group and non-institutionalized housing.

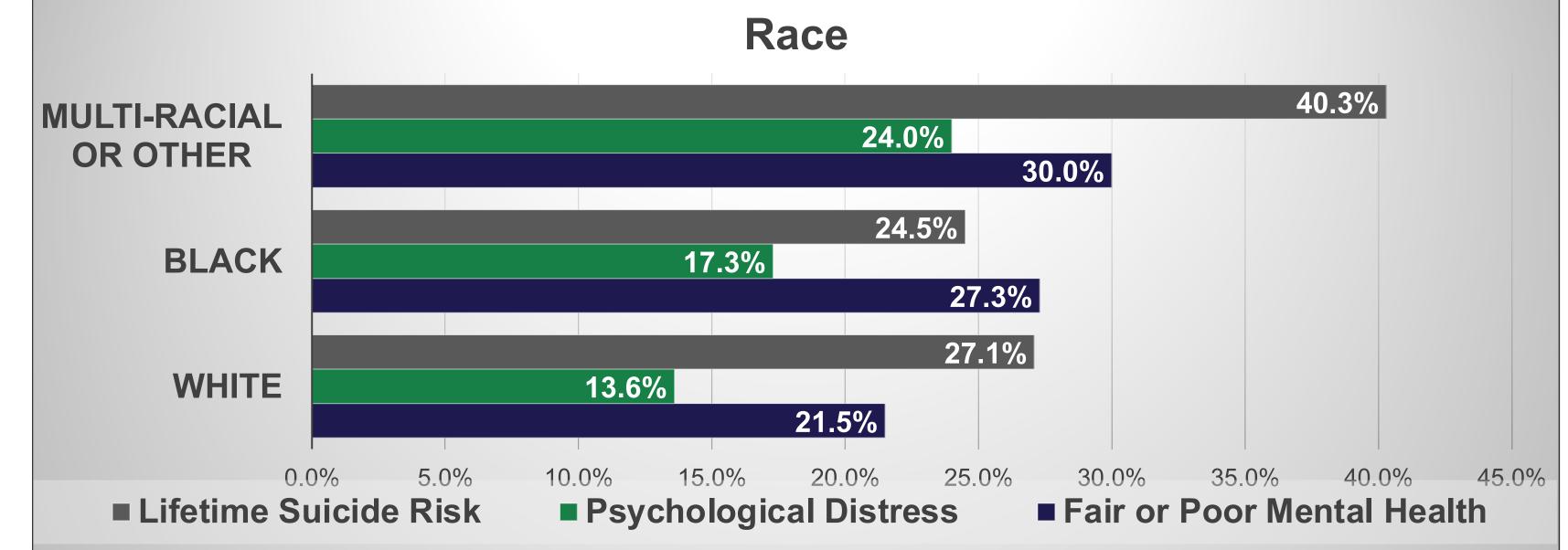
#### 2021 MATCH (Inaugural year)

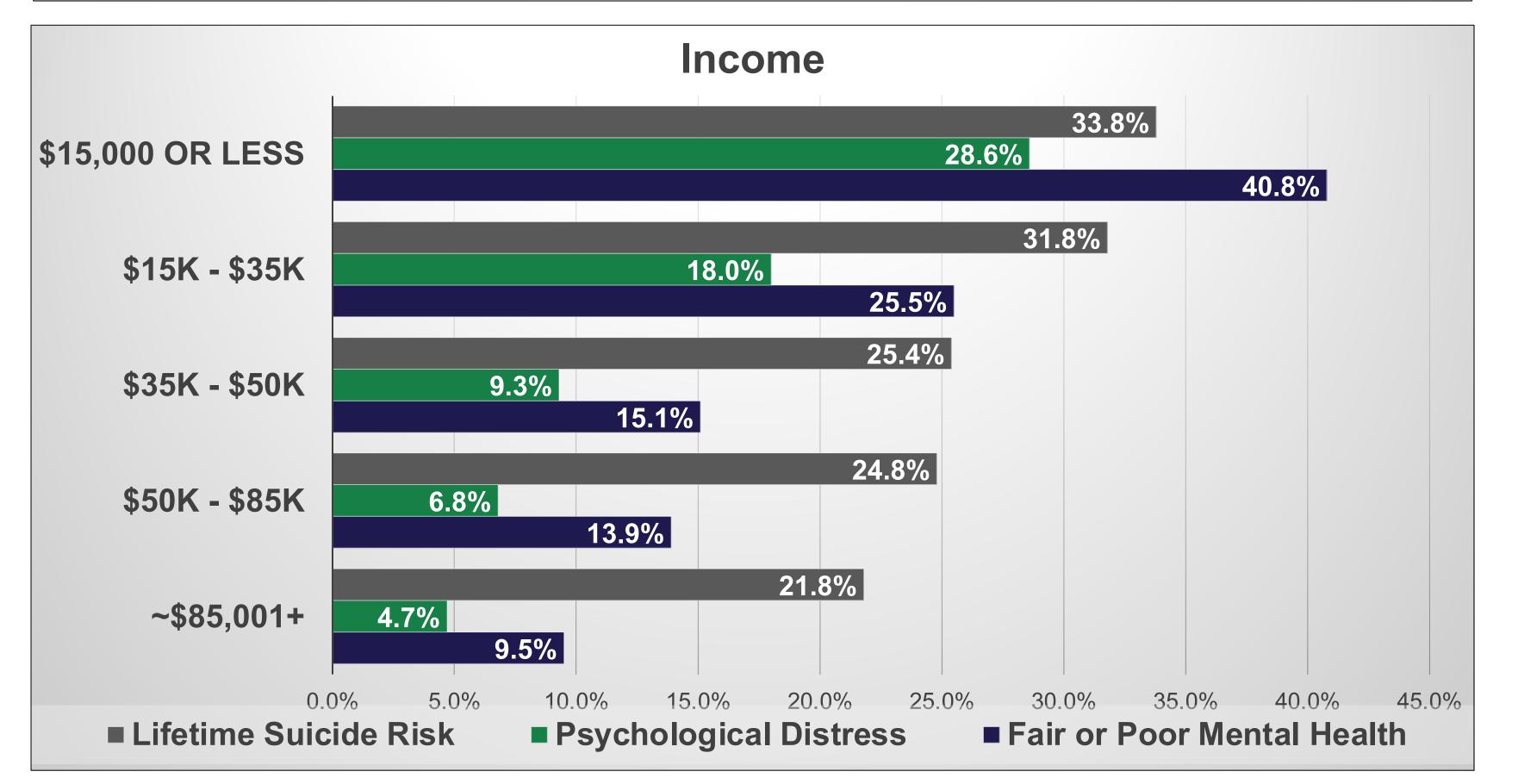
- Fielded Aug. 31,2021 to Feb. 28, 2022
- Stratified random sample (n = 88,004)
- Data were collected via web, paper, and telephone
- Questions included:
- Have you ever thought about or attempted to kill yourself?
- In general, how would you rate your mental health?
- In the past two weeks how often have you felt: nervous, hopeless, restless or fidgety, so depressed that nothing could cheer you up, worthless, or isolated from others? (six-item Kessler Psychological Distress Scale; score of 13 or higher considered serious psychological distress).4
- Prevalences were calculated using standard statistical software (SAS and R), weighted, and are representative of all West Virginians at the state-, regional-, and county-levels.

# Results

Prevalence of poor mental health by age, race, and income







#### Of WV adults:

- 27.5% reported suicide risk.
- 14.1% reported serious psychological distress in the past two weeks.
- 21.9% reported fair or poor mental health.

# Limitations

- Difficult to compare to national measures:
- Use different facets of distress<sup>a</sup>
- Use different scales<sup>b</sup>
- NHIS found 3.7% US adults reported serious psychological distress in the past 30 days.<sup>5</sup>
- Gallup found 19% of US adults had only fair or poor mental health.<sup>6</sup>

Access the Data Explorer by scanning this code or at wvmatchsurvey.org/data



# Conclusions

- Serious psychological distress and poor mental health are prevalent in WV.
- Prevalence of poor mental health was higher among:
  - Those with lower socioeconomic status.
  - Those who indicated multi-racial or other race.
  - Those who were younger.
- Findings from MATCH can help focus efforts to improve mental health.

### References

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