

# The Impact of Educational and Health Services on Mental Health Status Changes of Children with ASD During COVID-19

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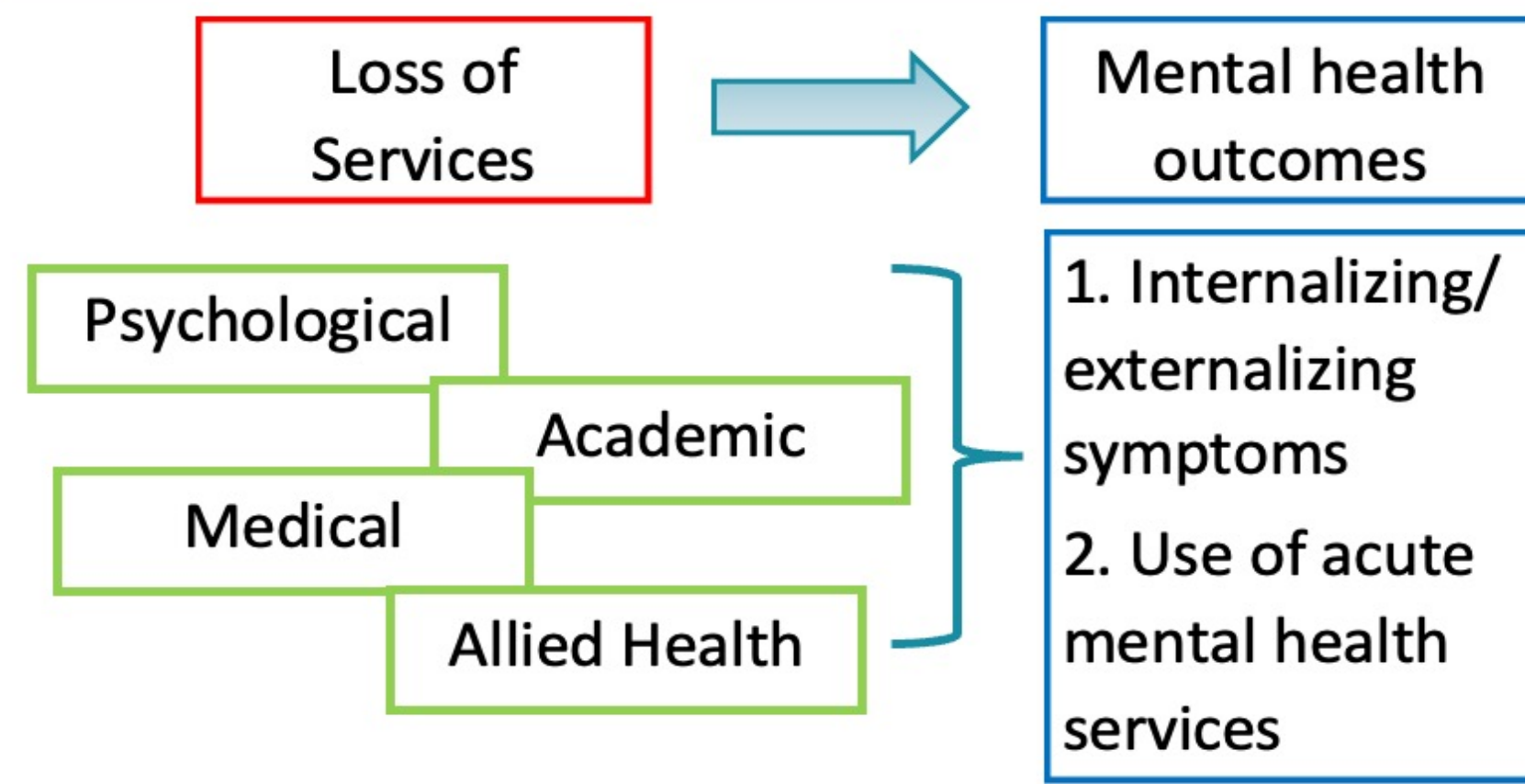
## Background/Rationale

COVID-19 disrupted availability of child and youth services<sup>1</sup> | Observed deterioration of the mental health of children with NDDs.<sup>5,6,7</sup>

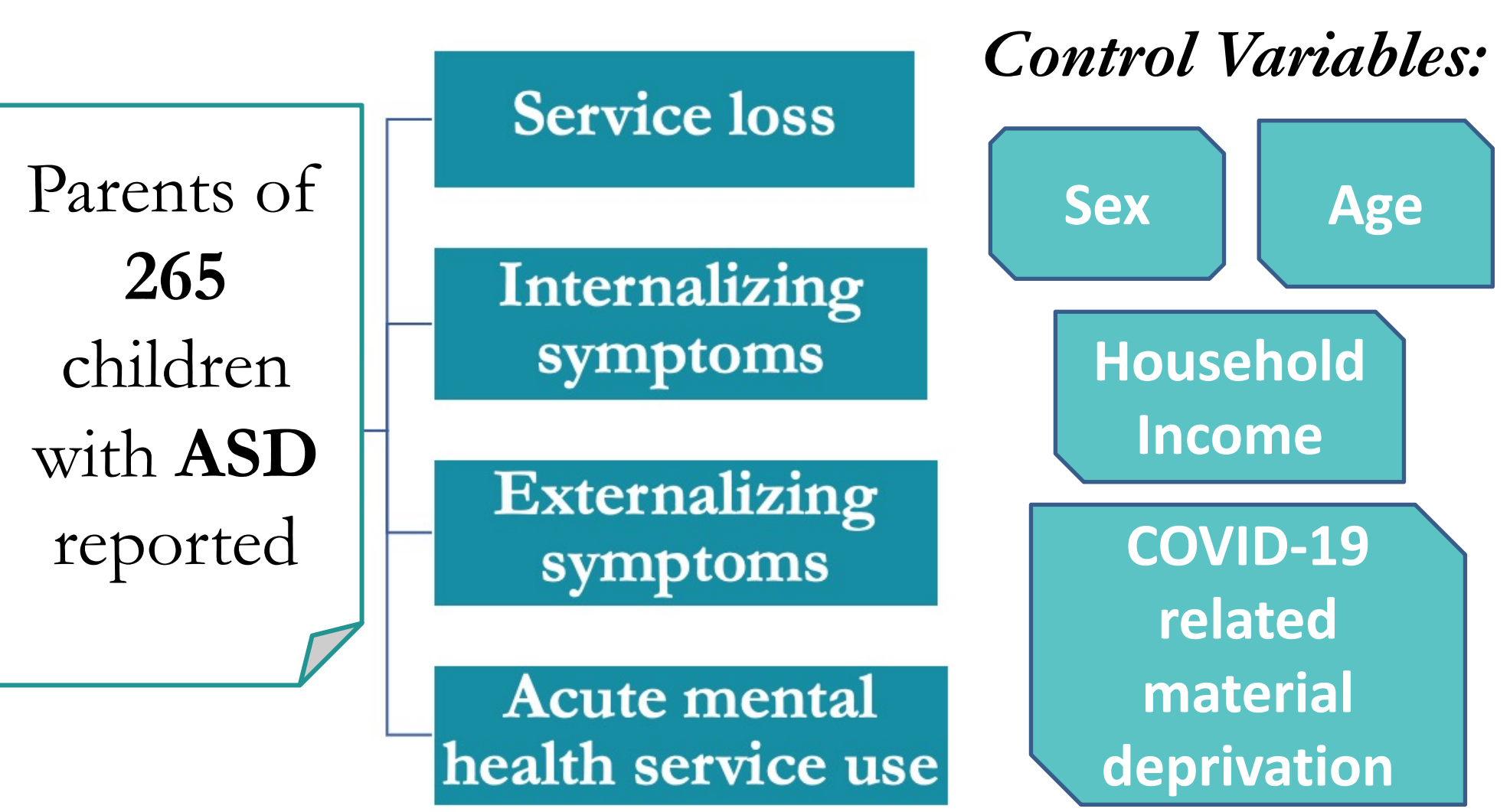
Children with autism spectrum disorder (ASD) have increased need for services and heightened sensitivity to routine changes<sup>2,3,4</sup>

## Objective

An analysis of the impact of service loss on the mental health outcomes of children with ASD.



## Methods



# Regular Access to Academic and Medical Services is Essential to Children with ASD – Particularly During Times of Crisis

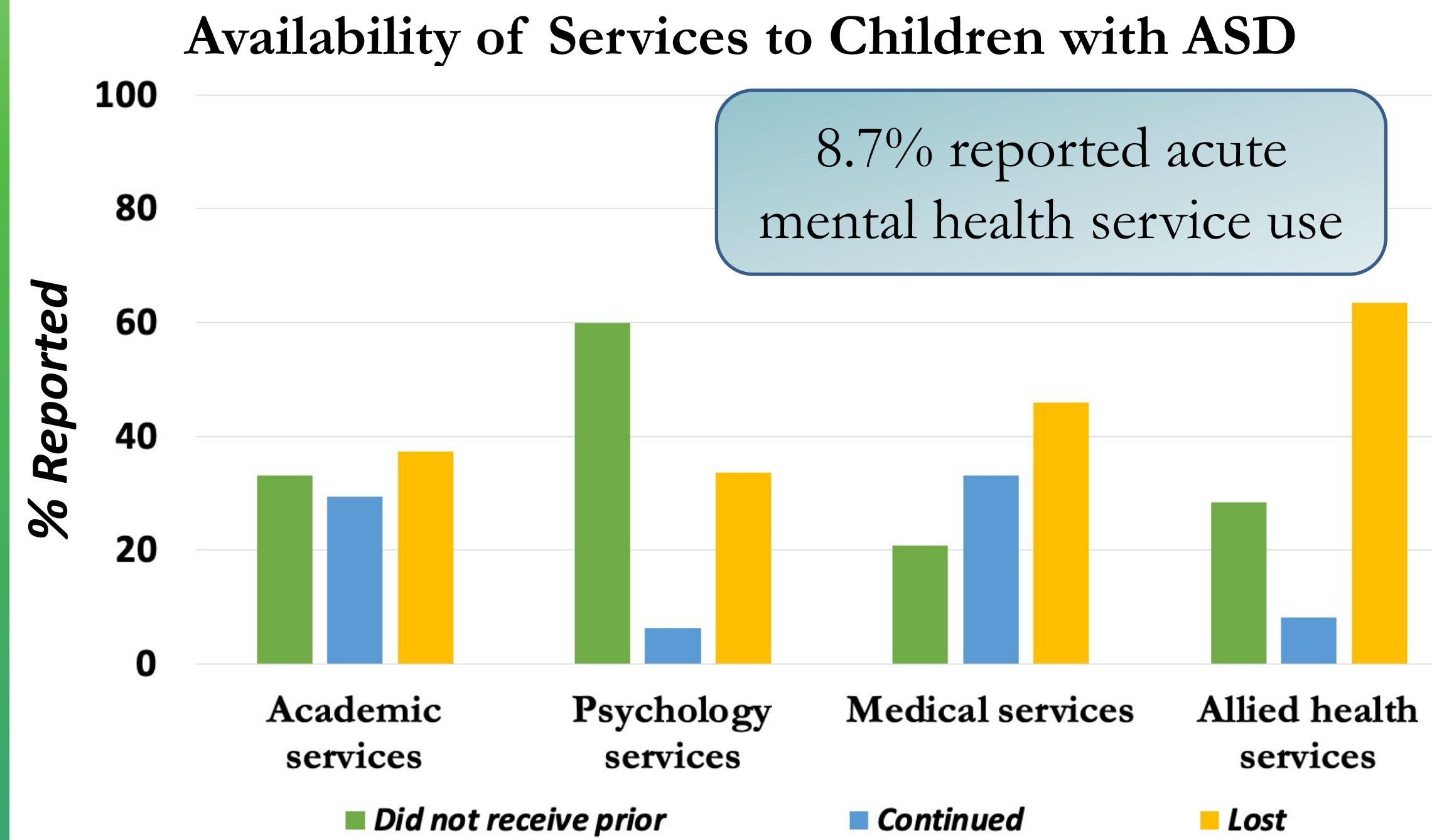


## Analysis Plan

Multiple linear regression analyses

Logistic regression analysis

## Results



Regression results available with bottom right QR code

## Conclusion

Significant loss of services across 4 domains  
Academic service loss was related to acute mental health service use.

Medical service loss was associated with an increase in externalizing symptoms, which was significant when controlling for demographics and COVID-19 related material deprivation.

## Relevance

Findings may inform:  
1. Plans for the reintroduction of services – such that academic and medical services are prioritized.  
2. The future allocation of resources to services.

## References/ Analysis details

