

# Racial and ethnic disparities and factors associated with unmet needs in families of children with special healthcare needs

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## Background

- ❖ One in five households in the US has a child with a special healthcare need (CSHCN)
- ❖ The families of CSHCN face multiple challenges related to the management of their child's condition, including: stress, fatigue, marital distress, employment, and family financial problems
- ❖ Quality medical and supportive services can help facilitate family self-management, yet little is known about why needs are often unmet
- ❖ There is also evidence that racial and ethnic disparities in unmet needs exist

## Purpose

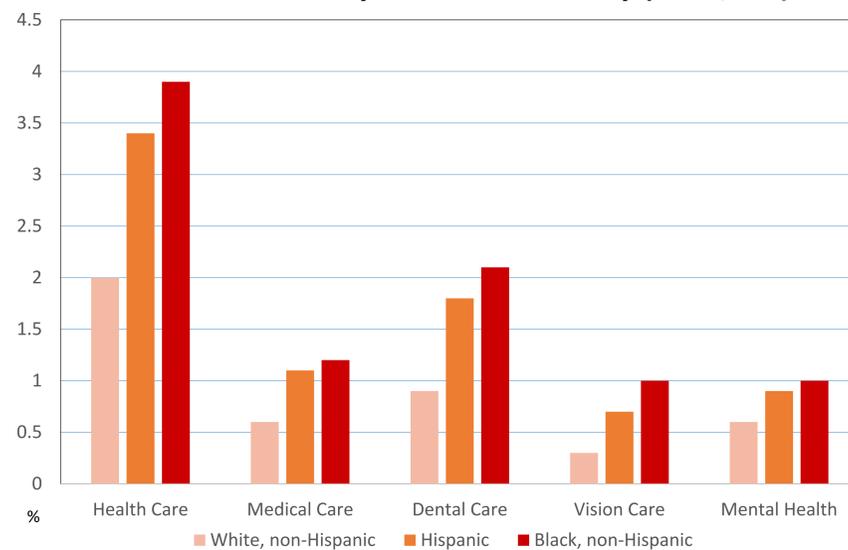
- ❖ This study examines racial and ethnic disparities and factors associated with unmet needs in families of CSHCN in a large nationally representative sample<sup>3</sup>

## Methods

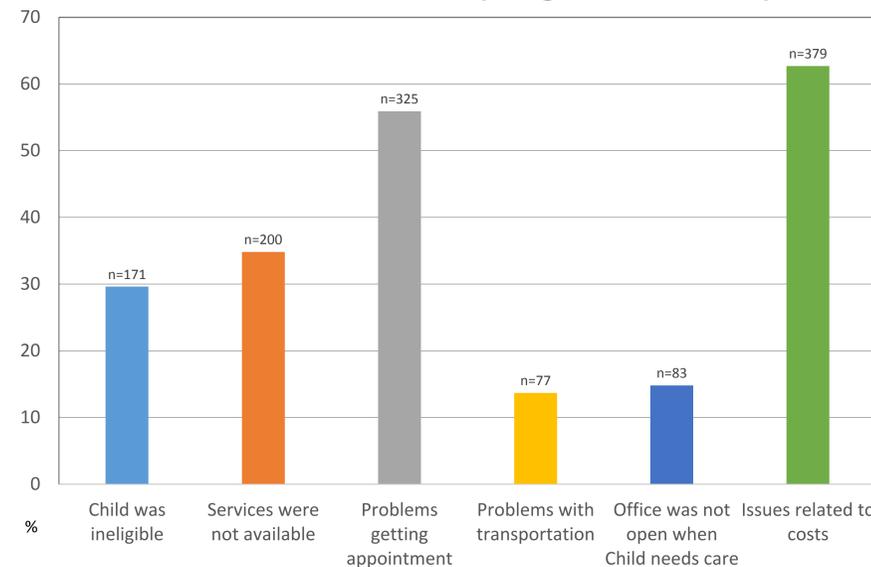
- ❖ An exploratory secondary analysis of the 2016 National Survey of Children's Health (NSCH)<sup>4</sup> was conducted to locate meaningful covariates of unmet needs
- ❖ Lawless and Singhal (1978) method of best subset logistic regression was used

## Preliminary Results

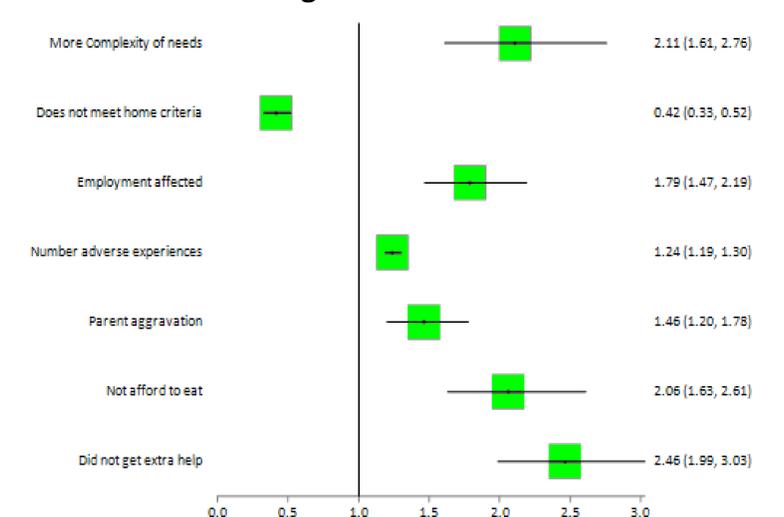
Unmet Needs by Race and Ethnicity (n=11,392)



Reasons for Unmet Needs (Range of n=563-604)



Odds Ratios of Significant Predictors of Unmet Needs



## Discussion

- ❖ Overall, the reduced model accounted for ~26% of the variation in unmet needs
- ❖ Findings from this study will help expand knowledge of racial and ethnic disparities and identify risk factors for unmet needs in families of CSHCN at the population level
- ❖ This knowledge will fill a gap in the literature and inform practice, education, policy, and future research to promote family self-management in families of CSHCN

## Footnotes and Acknowledgements

- School of Nursing, University of Wisconsin – Madison
- Marquette University College of Nursing
- The NSCH is a national cross-sectional telephone survey of 50,212 US households (23% CSHCN)
- Child and Adolescent Health Measurement Initiative (2017). "2016 National Survey of Children's Health (2017), Sampling and Survey Administration." Data Resource Center, supported by Cooperative Agreement 1-U59-MC06980-01 from the U.S. Department of Health and Human Services, Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau (MCHB). Available at [www.childhealthdata.org](http://www.childhealthdata.org)
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