

# Visualizing ADD/ADHD, Autism/ASD, and Mental Health Care Data from the 2016-2017 National Survey of Children's Health

Prepared for Tournesol Kids

# About the National Survey of Children's Health

- The National Survey of Children's Health ([NSCH](#)) is a rich source of national and state-level information about children and families, and represents an important resource for researchers, policymakers, advocates, and families for understanding the broad landscape of child well-being in the United States.
- The United States Census Bureau, Associate Director for Demographic Programs on behalf of the United States Department of Health and Human Services (HHS), Health Resources and Services Administration's (HRSA) Maternal and Child Health Bureau (MCHB) conducted the 2017 NSCH. The methodology reports for the [2017](#) and [2016](#) NSCH are available here.
- For the purpose of this presentation, we used the [2016-2017 NSCH dataset](#) that is publicly available on the website of Data Resource Center for Child & Adolescent Health. Then we visualized key data points about ADD/ADHD and autism/ASD from the Emotional and Mental Health section. Also, we selected additional indicators about mental health care from the Health Care Access and Quality section.

# Insights about ADD/ADHD

- Prevalence. 8.8% of children aged 3-17 have ADD/ADHD condition. This percentage represents about 5.3M children.
- Severity. 5.1% of children aged 3-17 have moderate or severe ADD/ADHD condition. This percentage represents about 3.1M children.
- Condition with Medication. 5.5% of children aged 3-17 currently has ADD/ADHD condition and are taking medication. This percentage represents about 3.3M children.
- Condition without Medication. 3.3% of children aged 3-17 currently has ADD/ADHD condition but are not taking medication. This percentage represents about 2M children.
- Condition with Behavioral Treatment. 3.9% of children aged 3-17 currently has ADD/ADHD condition and are receiving behavioral treatment. This percentage represents about 2.4M children.
- Condition without Behavioral Treatment. 4.8% of children aged 3-17 currently has ADD/ADHD condition but are not receiving behavioral treatment. This percentage represents about 2.9M children.

# Insights about Autism/ASD

- Prevalence. 2.8% of children aged 3-17 have autism/ASD condition. This percentage represents about 1.7M children.
- Severity. 1.5% of children aged 3-17 have moderate or severe autism/ASD condition. This percentage represents about 905.3K children.
- Condition with Medication. 0.8% of children aged 3-17 currently has autism/ASD condition and are taking medication. This percentage represents about 475.2K children.
- Condition without Medication. 2% of children aged 3-17 currently has autism/ASD condition but are not taking medication. This percentage represents about 1.2M children.
- Condition with Behavioral Treatment. 1.6% of children aged 3-17 currently has autism/ASD condition and are receiving behavioral treatment. This percentage represents about 995.3K children.
- Condition without Behavioral Treatment. 1.2% of children aged 3-17 currently has autism/ASD condition but are not receiving behavioral treatment. This percentage represents about 716.4K children.

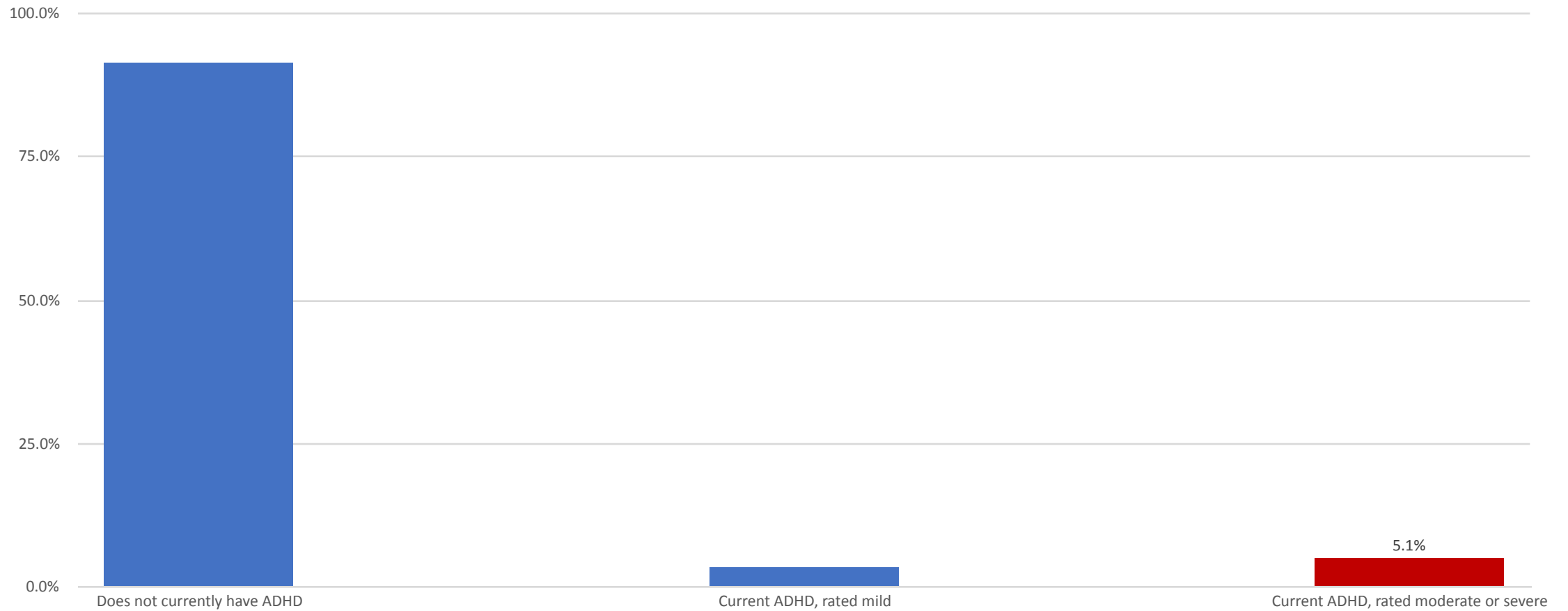
# Insights about Mental Health Care

- Fulfilled Mental Health Care Need. 9.8% of children aged 3-17 needed to see a mental health professional and received care. This percentage represents about 6M children.
- Unfulfilled Mental Health Care Need. 2.4% of children aged 3-17 needed to see a mental health professional but did not receive care. This percentage represents about 1.5M children.
- No Problem Obtaining Mental Health Care. 52.9% of children aged 3-17 received or needed mental health care and did not have problem getting it. This percentage represents about 3.8M children.
- Problem Obtaining Mental Health Care. 47.1% of children aged 3-17 received or needed mental health care but had a big or small problem getting it. This percentage represents about 3.4M children.

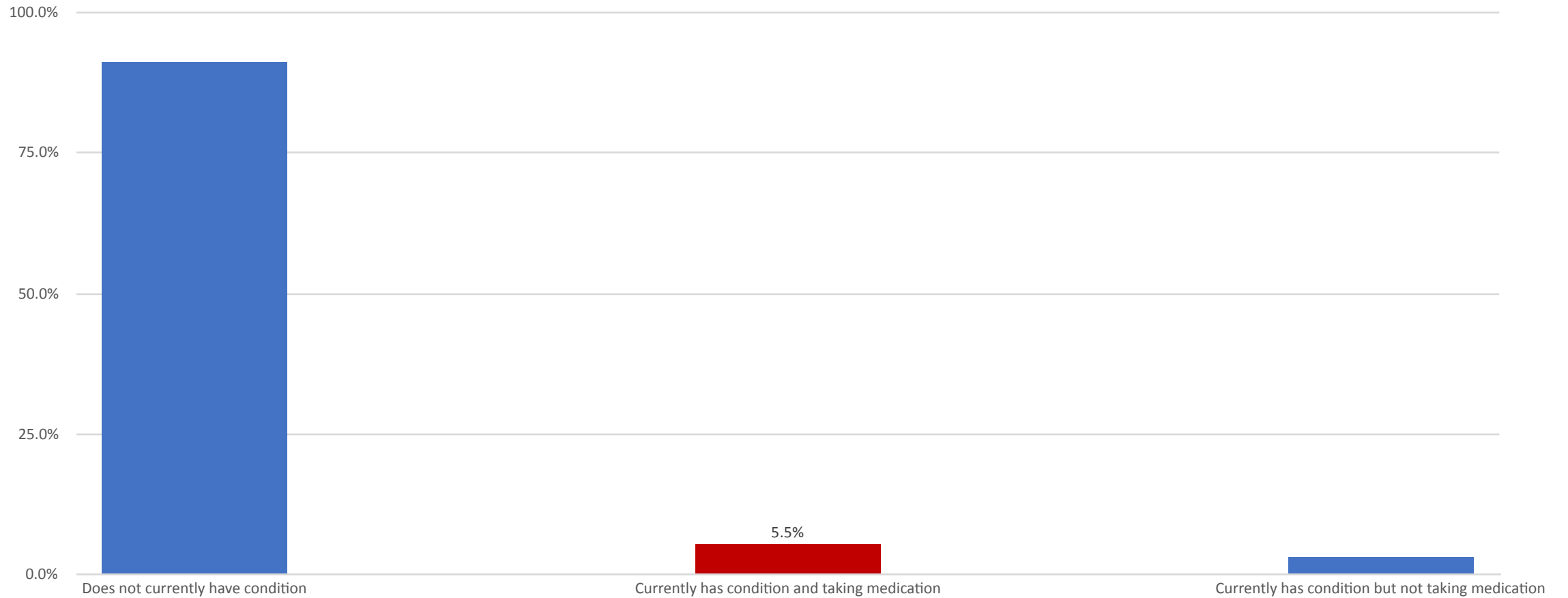
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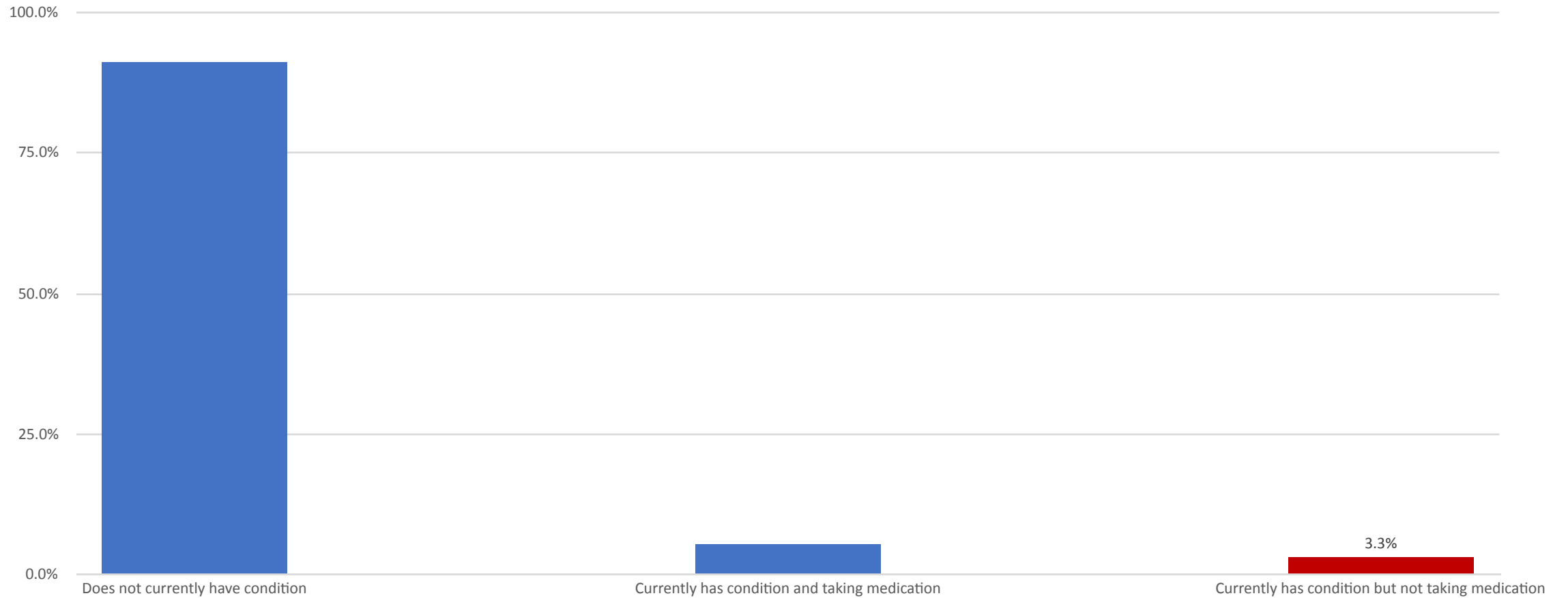


ADD/ADHD condition with medication. 5.5% of children aged 3-17 currently has ADD/ADHD condition and are taking medication. This percentage represents about 3.3M children.

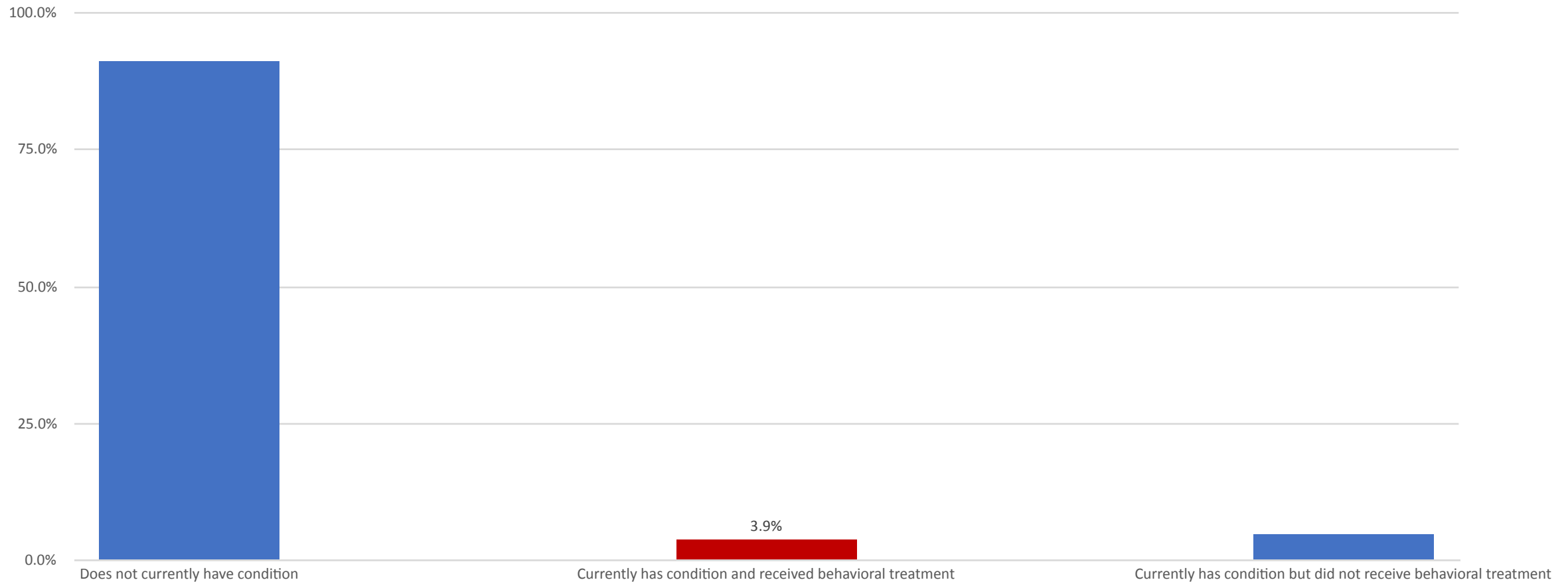




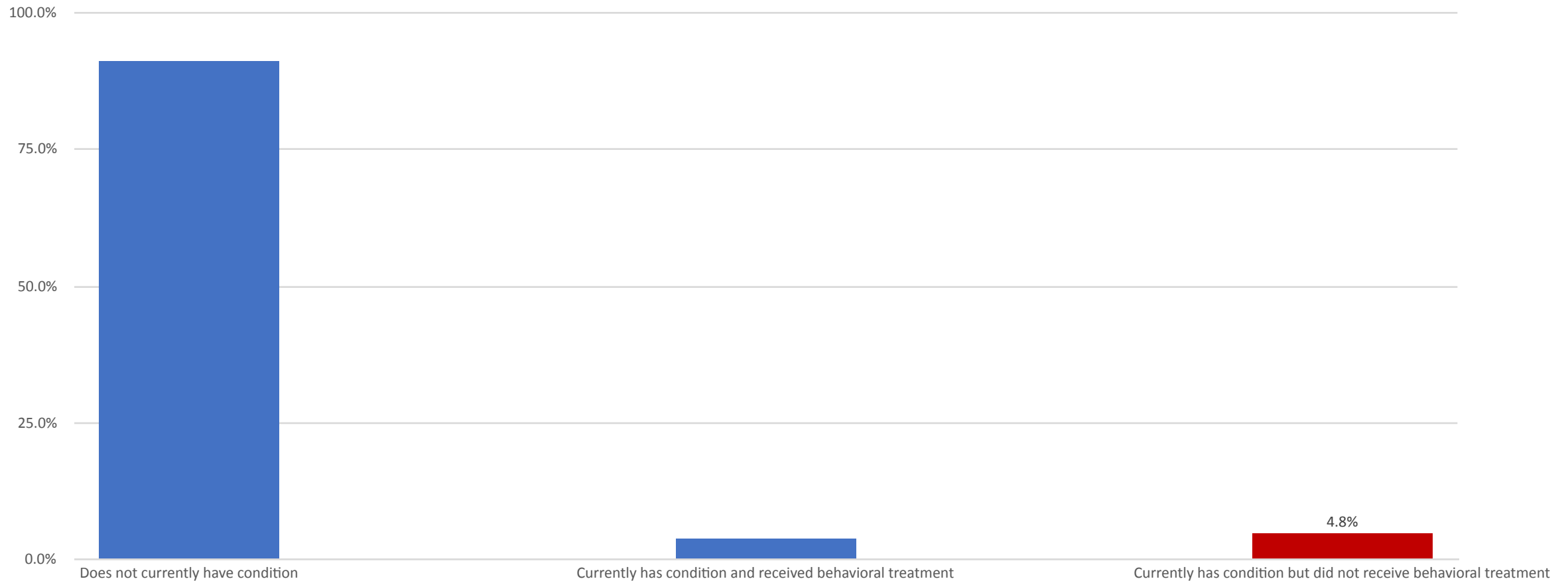
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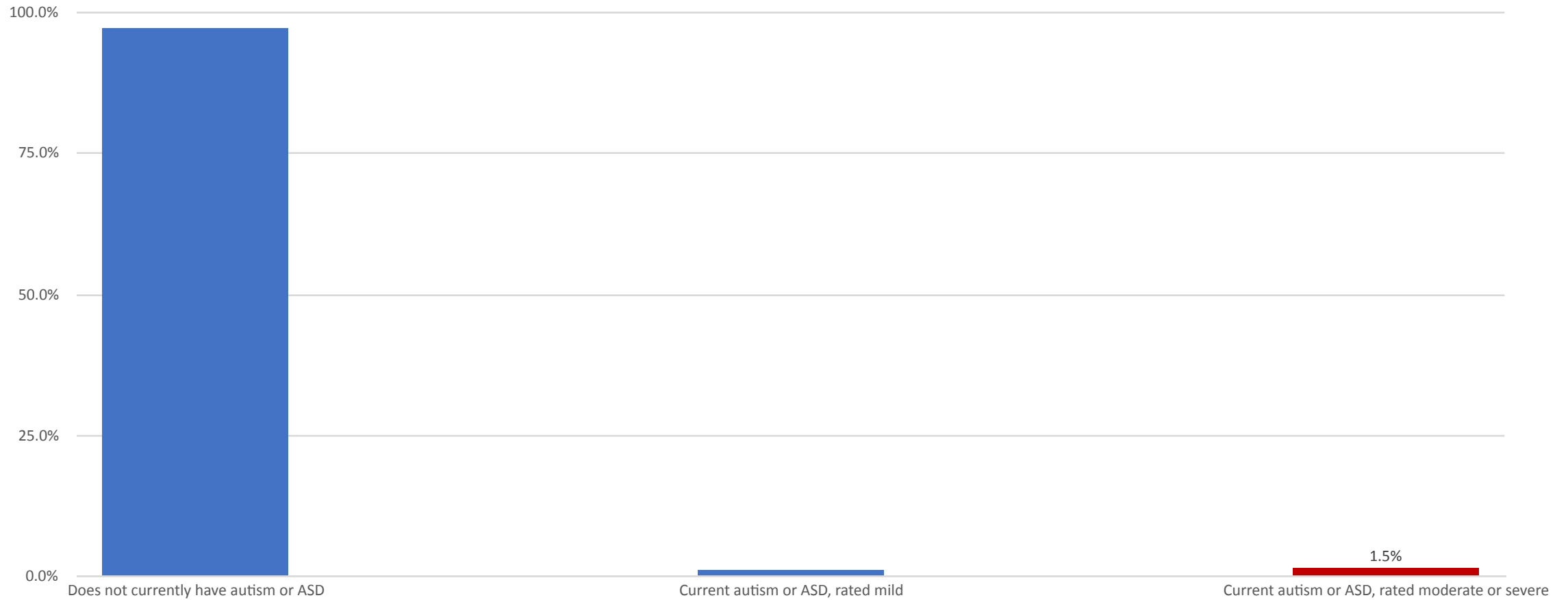
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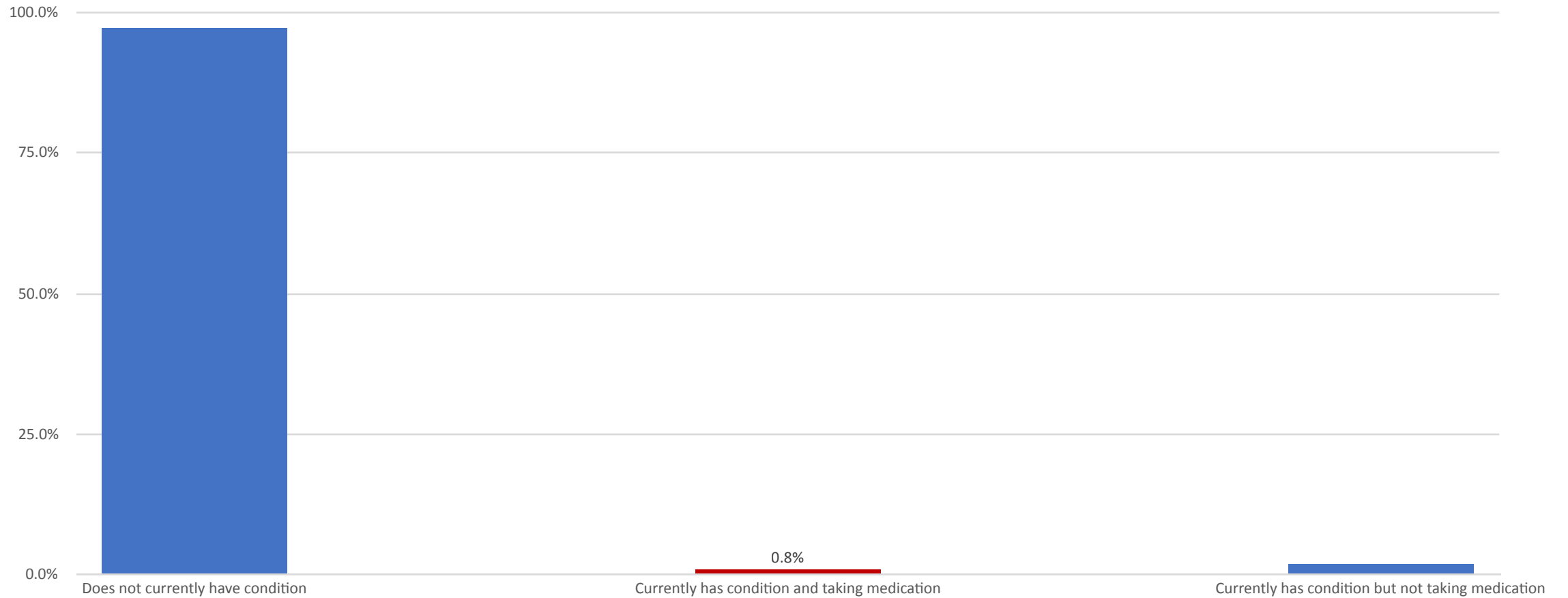
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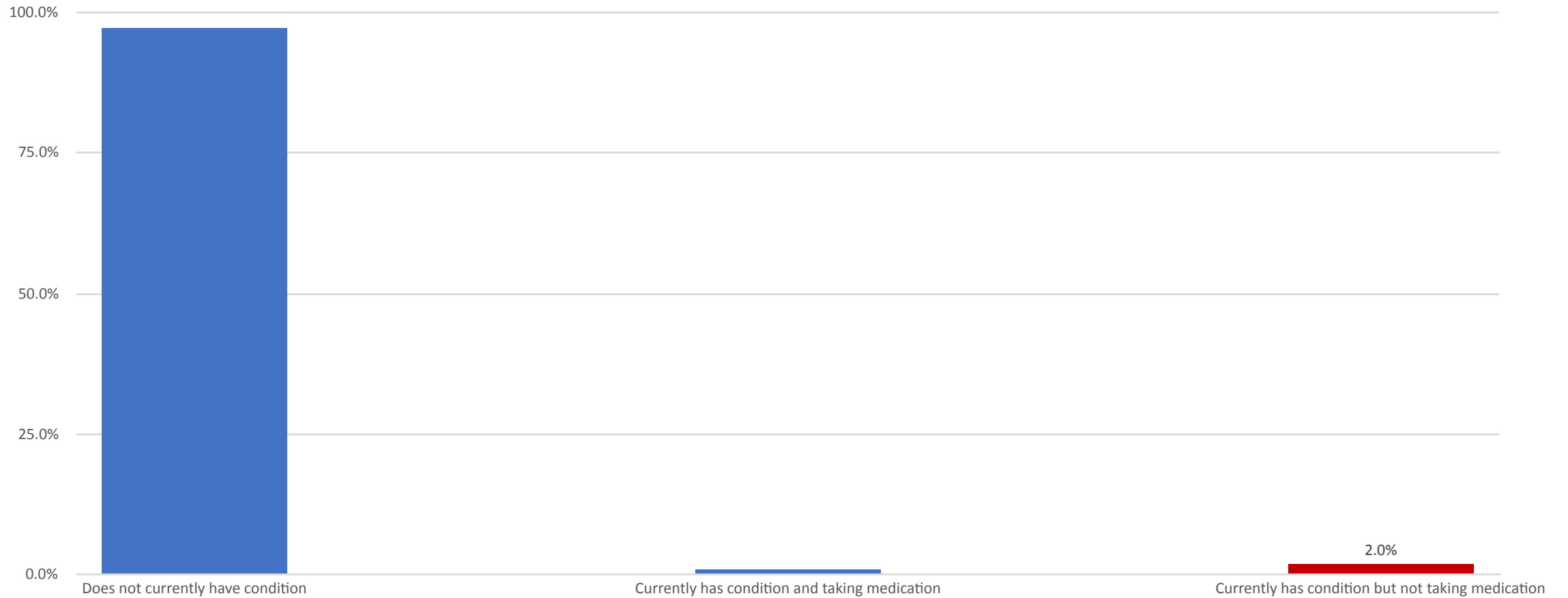
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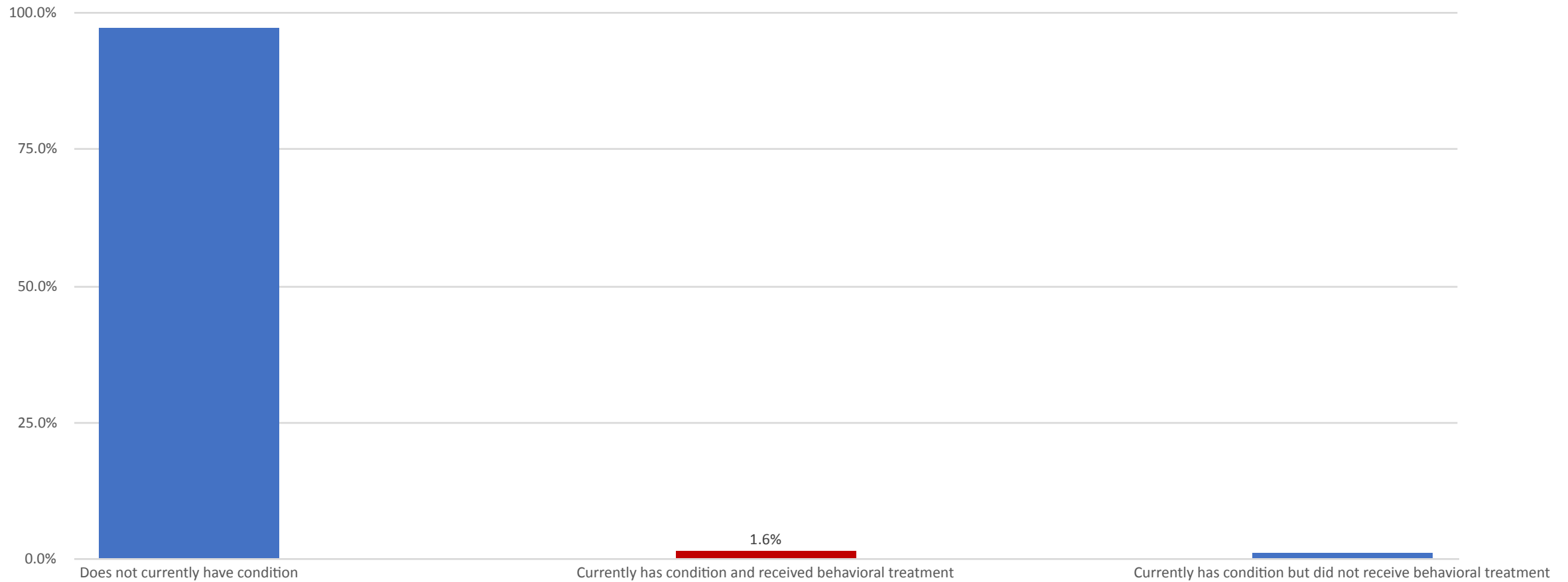
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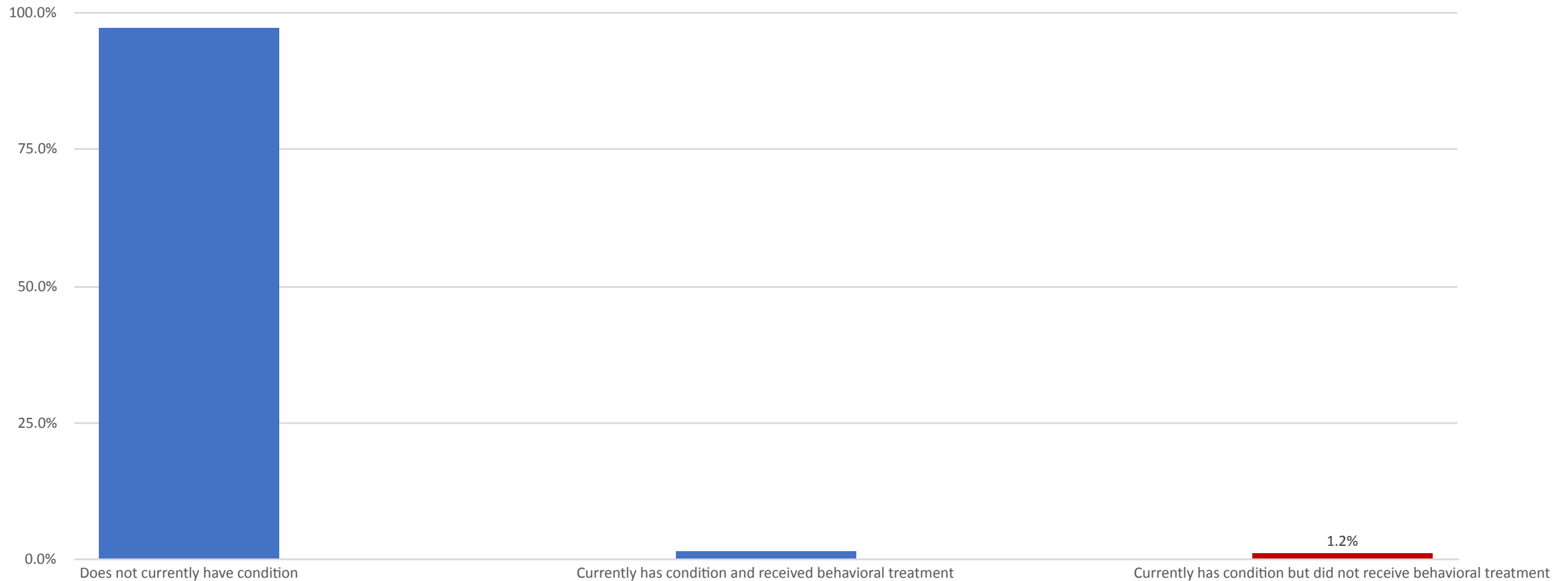


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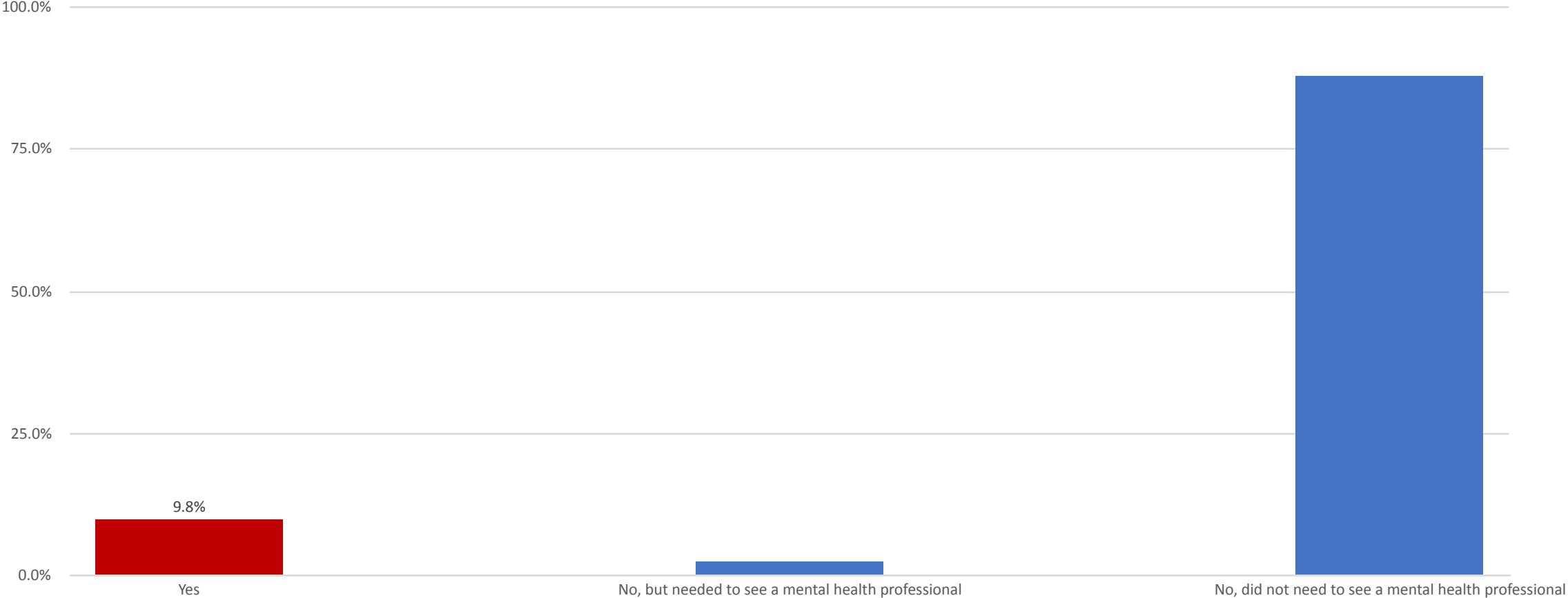




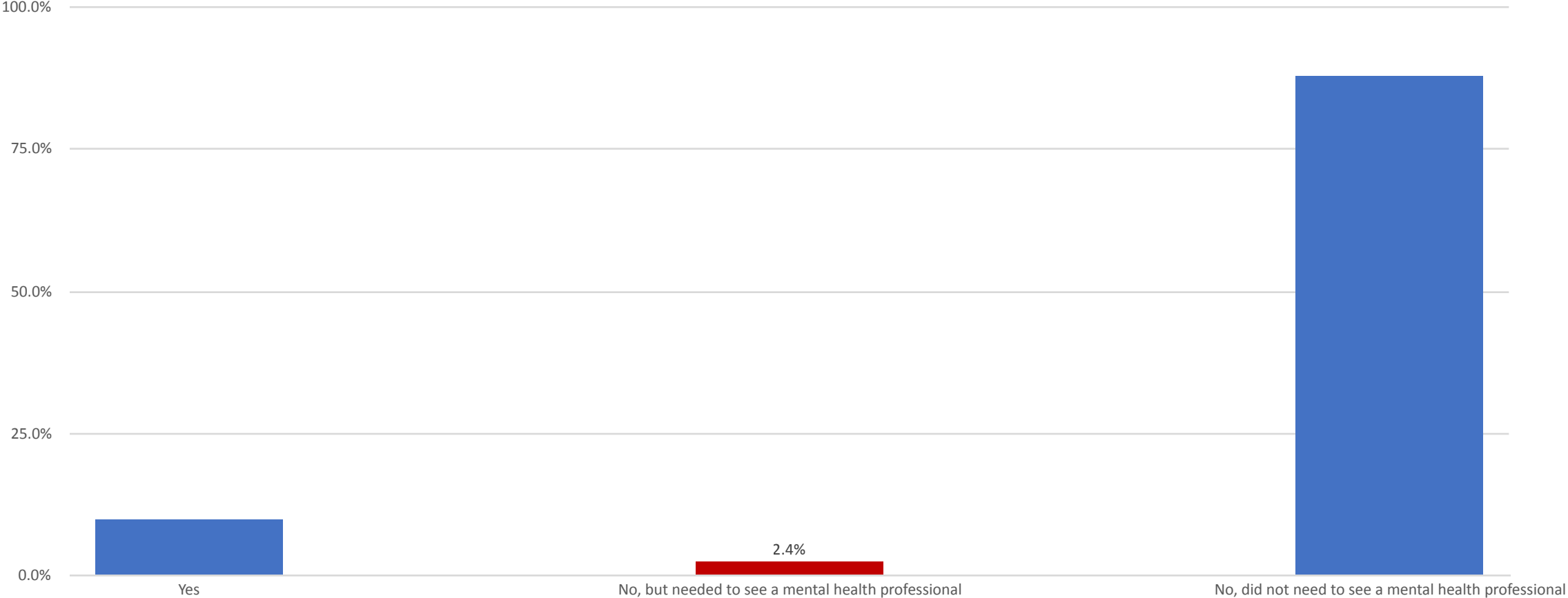
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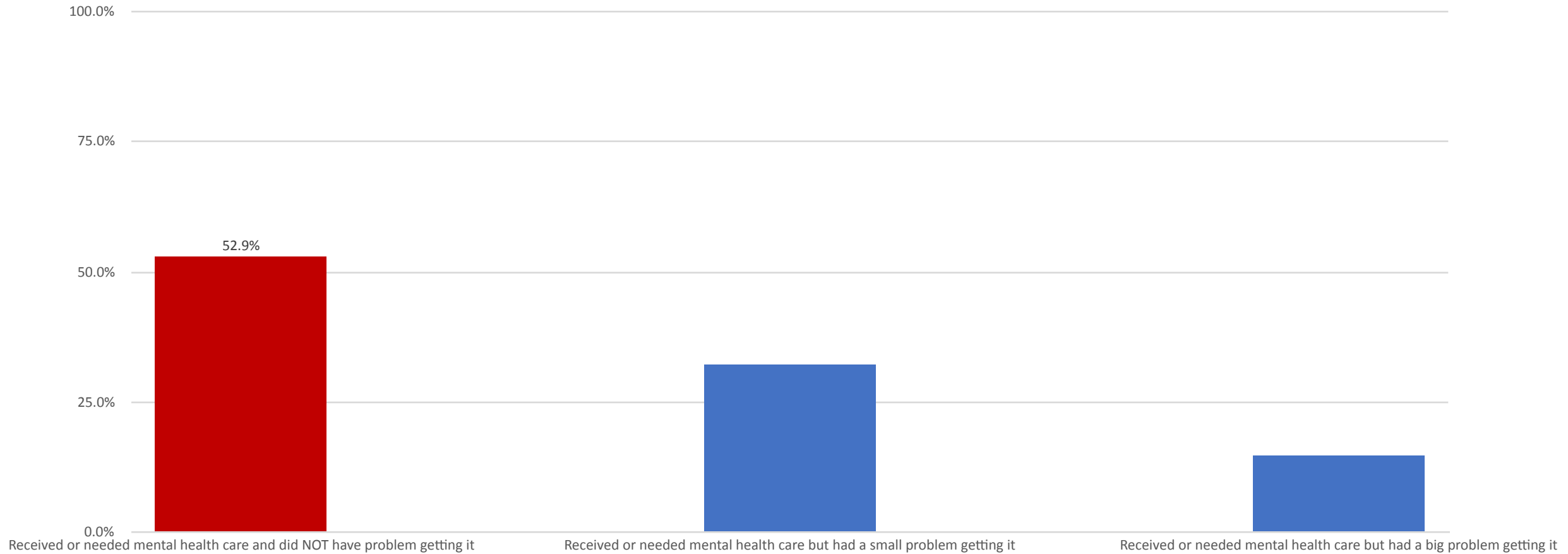
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