

Evaluating the Impact of Socioeconomic Status on Caries Risk in Children Aged 1-6 at Choptank Dental Clinic on Maryland's Eastern Shore.



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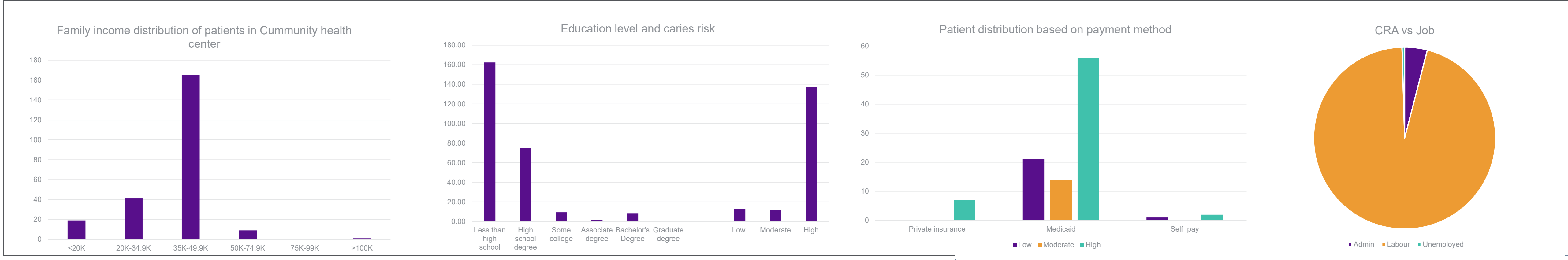
INTRODUCTION

- Dental caries is a common public health issue that significantly affects quality of life. Because prevention and treatment can be costly, a family's socioeconomic status may influence a child's risk of developing caries. This study evaluates how socioeconomic factors affect changes in caries risk in young children using the ADA Caries Risk Assessment (CRA).

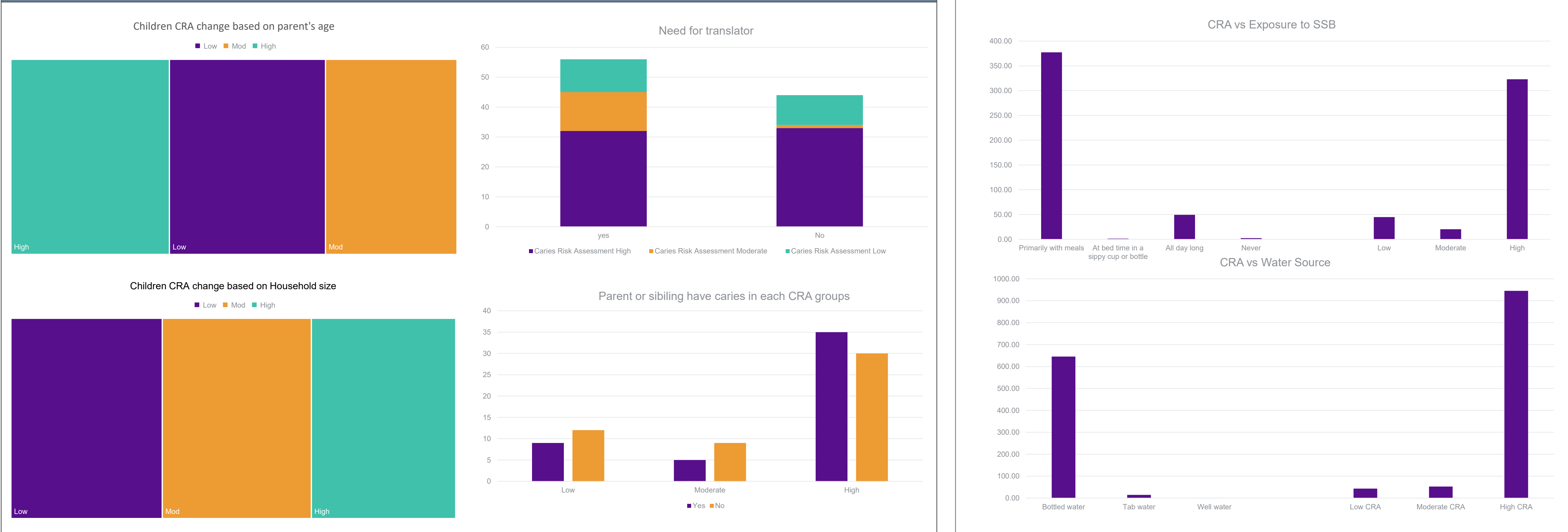
METHOD

- Parents/guardians completed questionnaires after informed consent (with translation services when needed). CRA scores were obtained from patient records and linked to socioeconomic data. Statistical analysis was performed using Minitab and Excel (ANOVA) with support from the NYU Langone DentalStat team.

Significant Socioeconomic factors on Caries Risk



Non-Significant Socioeconomic Factors on Caries Risk



PURPOSE

- The purpose of the present study was to illustrate the influence of socioeconomic factors on caries risk assessment scores.

RESULTS

- The findings show that financial status significantly affects both access to dental services and the prevention of dental caries.
- The results showed that household income, parents' highest level of education, SSB consumption, and water source were significantly associated with higher caries risk.
- 91% of participating children were covered by Medicaid, highlighting its important role in providing access to dental care.

REFERENCES

