Background: The objective of this study was to determine the prevalence and severity of general tooth wear (GTW), in a 16-year-old adolescent sample. The study also aimed to assess the relationship between GTW and dental wear experience. The study used a self-administered questionnaire to collect data on demographic and clinical parameters. The prevalence of GTW and dental wear experience was recorded using the modified TFI and VPI indices, respectively. The data was analyzed using statistical methods to determine the relationship between GTW and dental wear experience.

Results: The prevalence of GTW in the study sample was 97.3%, with a mean TFI score of 2.56 ± 1.9. The prevalence of dental wear experience was 95.8%, with a mean VPI score of 2.4 ± 1.8. The relationship between GTW and dental wear experience was found to be statistically significant (p < 0.05).

Conclusions: The results of this study indicate a high prevalence of GTW and dental wear experience among the study sample. The findings suggest the need for preventive strategies to reduce the incidence and severity of these conditions.