

Brazilian Oral Research

Print version ISSN 1806-8324

Abstract













[AMARAL, Marcelo Augusto](#); [NAKAMA, Luiza](#); [CONRADO, Carlos Alberto](#) and [MATSUO, Tiemi](#). Dental caries in young male adults: prevalence, severity and associated factors. *Braz. oral res.* [online]. 2005, vol.19, n.4, pp. 249-255. ISSN 1806-8324. doi: 10.1590/S1806-83242005000400003.

The aim of the present study was to determine the prevalence and severity of dental caries as well as the needs for dental treatment in 18-year-old males from Maringá PR, Brazil. The association of dental caries experience with socioeconomic variables was also tested. A cross sectional study was conducted in a random sample of 241 conscripts of the Brazilian Army. The adopted diagnosis criteria were those proposed by the World Health Organization. A socioeconomic questionnaire was utilized to determine family income and the criterion of the Brazil Economic Classification of the National Association of Research Enterprises. Associations among caries prevalence, DMF-T index, treatment needs and socioeconomic variables were evaluated by means of the Chi-Square, Mann-Whitney and Kruskal-Wallis tests. Caries prevalence was 82.6% and the mean DMF-T index was 4.6. Only a mean of 0.8 tooth per individual presented treatment needs. Significant statistical differences were found in caries prevalence and severity (DMF-T). The worst results were observed in the groups of lower income and purchasing power, indicating a need for the implementation of social policies that address these populations aiming at diminishing the existing differences in the health-disease process indicators. On the other hand, treatment needs were only associated to the Brazil Economic Classification Criterion variable ($p < 0.05$).

Keywords : Dental caries; Epidemiology; DMF index; Social conditions.

[?abstract in portuguese](#) [?text in english](#) [?pdf in english](#)

services

-  custom services
-  Article in pdf format
-  Article in xml format
-  Article references
-  Health indicators
-  How to cite this article
-  Access statistics
-  Cited by SciELO
-  Similar in SciELO
-  Automatic translation
-  Show semantic highlights
-  Send this article by e-mail



All the content of the journal, except where otherwise noted, is licensed under a [Creative Commons License](#)

Sociedade Brasileira de Pesquisa Odontológica

Av. Lineu Prestes, 2227
Caixa Postal 8216
05508-900 São Paulo SP - Brazil
Tel./Fax: +55 11 3091-7810



bor@sbpqo.org.br