

## **The Prevalence of Vitamin D Deficiency in Children, Adolescents and Adults in a Sample of Turkish Population**

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**ABSTRACT** Researchers have determined the prevalence of deficiency and insufficiency of vitamin D levels in a sample of Turkish children, adolescents and adults. This study retrospectively reviewed the record of a total of 803 children, adolescents and adults aged between 0 and 89 years. This study was conducted with 596 females (74.2%) and 207 males (25.8%). Subjects' ages ranged from 0 to 89. Vitamin D values ranged from 3 ng/mL to 222.9 ng/mL with a mean value of 21.0 ±20.7. Vitamin D values were below 10 ng/mL in 28.5 per cent (n=229), between 10 to 24 ng/mL in 43 percent (n=345), between 24.1 to 80 ng/mL in 26.7 percent (n=214) and more than 80 ng/mL in 1.9 percent (n=15) of subjects. Hypovitaminosis D prevalence as to age, gender and seasons showed a similar parallel rate with the literature.