

Growth Pattern of School Going Children of Medinipur Districts of West Bengal, India

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ABSTRACT Childhood and adolescence are two significant parts of the maturation clock where an acceleration of growth is observed. The reference values are central to growth monitoring. The present study was carried out to develop the mean, standard deviation and 50th percentile for height, weight, and BMI of studied population and to compare them with the regional, national and international studies. A cross-sectional, schools and household-based study were conducted. A total 970 children and adolescents (378 girls and 592 boys) from four blocks of Purba and Paschim, Medinipur districts were included in this investigation. In the present study, when compared with two regional references of NNMB tribes (2007-08 WB) and NNMB rural (2011-12), boys and girls mean values of height and weight were comparable. The present physical growth standard can be suggested for monitoring of growth of primary and high school going children from these two districts.