

ABSTRACT

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TITLE: To study the factors associated with difference in waist to ankle measurement for the sizing of apparel of children age 6-14 yrs.

OBJECTIVES:

- To find out the difference in sizing of waist to ankle measurement from 6-14 yrs.
- To study the factors affecting on waist to ankle measurement. Factors are: Age, Socio-economic status, BMI (body mass index).

METHODOLOGY:

This research study was conducted in Karachi: that is four towns were selected with the randomly selected among 18 towns from each towns 3 schools were selected with the respect to income level that is low, middle & high income group. 2147 students of 6-14 yrs were selected from these school for the sample of population of this study. The data was entered and analyze using SPSS version 11.5.

RESULT AND DISCUSSION:

The finding shows that according to age in boys and girls the mean of waist to ankle increases gradually. According to socio-economic status the percentage of boys waist to ankle of middle and high income is crossing the percentage of low income. In the girls the percentage of high income is greater than middle and low income.

According to BMI (body mass index) the mean of boys' waist to ankle raises higher in under weight then normal and over weight. And in the girls the mean of waist to ankle raises higher in under weight than normal and over weight.

CONCLUSION:

The study shows that the single sizes for waist to ankle can be use for age 6-7 yrs and 11-13 yrs for boys. For remaining ages separate sizes for relevant measurement can be used. And for girls single sizes for waist to ankle can be used for age 6-7 yrs for the rest of the ages separate sizes for relevant measurement can be used.