

# ABSTRACT

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**TITLE:** To study the factors associated with difference in Body Rise measurement for the sizing of apparel of children age 6-14 yrs.

## **OBJECTIVES:**

- To find out the difference in sizing of Body Rise measurement from 6-14 yrs.
- To study the factors affecting on Body Rise 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 body rise measurement increases gradually. According to socio-economic status the percentage of boys body rise of middle income is crossing the percentage of high and low income. And in the girls the percentage of high income is greater than middle and low income.

According to BMI (body mass index) the mean of body rise raises higher in normal than under and over weight. And in the girls the mean of body rise raises higher in under weight than normal and over weight.

## **CONCLUSION:**

The study shows that the single size for body rise measurement can use for age 6-7 and 12-13 for boys. For remaining ages separate sizes for relevant measurement can be used. For girls single sizes for body rise can be use for age 6-7 and 12-14 for the rest of the ages separate sizes for relevant measurement can be used.