

ABSTRACT

OBJECTIVE,

To study the factors associated with the differences in waist measurements. Factors are age, socioeconomic status and BMI (Body Mass Index)

METHODOLOGY

1. 5,400 students (i.e. 2,700 girls and 2,700 boys) ranging between age 6-14 years
2. Different socio-economic level of the city participated in this research study.
3. The data was collected through traditional anthropometry.

Anthropometrics measurement that is waist measurement was taken in order to obtain standard sizing apparel for girls and boy age ranging from 6-14 years.

RESULT:

According to socio-economic status waist measurement of boys is higher in middle-income group. Especially in age 7-10,13 & 14 years where as in girl's waist measurement is higher in high-income group especially in age 8,11-13 years.

According to factor age waist measurements in boys age 6-14 years increases from 0.1%- 2.4% as the age increases the percentage of differences also increases. The mean of waist measurement in girls age 6-14 increases from 0.2%-2.9% the percentage of differences is regular in all ages.