

# **CHAPTER-VIII**

## **RESULTS - V**

### **NUTRITIONAL STATUS**

(WITH 2 TABLES AND 1 FIGURE IN THE TEXT)

# VIII

## **RESULTS – V**

Table 8.1 presents the frequencies of undernutrition among the Musim boys. The overall rate of undernutrition was 52.49%. The rates of undernutrition varied between 23.33% among 16 year olds to 72.73% at age 13 years. There was a steady increase at 10 to 13 years, followed by, a distinct decrease in the rates from 14 to 16 years. Thereafter, there was an increase at the 17 years (Fig 8.1).

Table 8.2 presents the frequencies of undernutrition among the Musim girls. The overall rate of undernutrition was 31.32%. The rates of undernutrition varied between 11.43% among 15 year olds to 58.90% at age 11 years. There was a steady increase at 10 to 11 years, followed by, a distinct decrease in the rates from 12 to 15 years. Thereafter, there was an increase at the 16 years and a slight decrease at 17 years (Fig 8.1).

**Table 8.1: Frequency of Undernutrition (Based on Body Mass Index) of the Adolescent Muslim Boys**

Age Groups (Years)	Sample	Undernourished		Normal	
		No	%	No	%
10.0-10.9	56	29	51.79	27	48.21
11.0-11.9	63	38	60.32	25	39.68
12.0-12.9	65	43	66.15	22	33.85
13.0-13.9	77	56	72.73	21	27.27
14.0-14.9	84	48	57.14	36	42.86
15.0-15.9	71	32	45.07	39	54.93
16.0-16.9	60	14	23.33	46	76.67
17.0-17.9	46	14	30.43	32	69.57
<b>10.0-17.9</b>	<b>522</b>	<b>274</b>	<b>52.49</b>	<b>248</b>	<b>47.51</b>

**Table 8.2: Frequency of Undernutrition (Based on Body Mass Index) of the Adolescent Muslim Girls**

Age Groups (Years)	Sample	Undernourished		Normal	
		No	%	No	%
10.0-10.9	62	26	41.94	36	58.06
11.0-11.9	73	43	58.90	30	41.10
12.0-12.9	82	42	51.22	40	48.78
13.0-13.9	79	20	25.32	59	74.68
14.0-14.9	78	12	15.38	66	84.62
15.0-15.9	70	08	11.43	62	88.57
16.0-16.9	55	11	20.00	44	80.00
17.0-17.9	47	09	19.15	38	80.85
<b>10.0-17.9</b>	<b>546</b>	<b>171</b>	<b>31.32</b>	<b>375</b>	<b>68.68</b>

