LIST OF TABLES

I

,

.

-

Table No	<u>.</u>	Page	No.
1	Relative efficiency of vegetable foods as suppliers of nutrients from an acre of land (Rajalakshmi and Ramakrishnan, 1968).	5	
2	Nutrients provided by a rupee's worth of different foods (Rajalakshmi and Rama- krishnan, 1968).	6	
3	Nutrient intake of school boys of the poor class reported from India.	. 8	
4	Data on Heights (cm) of Primary School children in India.	10	
5	Data on weights (kg) of Primary School children in India.	13	
6	Incidence of clinical deficiency symptoms reported in school boys.	24	
7	Values for albumin and protein content of serum reported in school boys in India.	28	
8	Values for vitamin A and carotene of serum in children.	31	
9	Hemoglobin content of blood in school boys.	32	
10	Effects of dietary supplements on the weights and heights of school children.	41	
11	Data on biological evaluation of different supplements to wheat.	46	
12	Vitamin A content of serum and liver in rats fed different leaf greens.	48	
13	Details of various experiments	54	
14	Analysis of blood and urine.	55	

Table No	·	Page No.
15	Data on biological evaluation of different supplements to kodri.	59
16	Change in vitamin content during sprouting and fermentation.	62
17	Effect of lime powder incorporation in acid foods on thiamine and riboflavine content.	64
18	Composition of the lunch provided.	67
19	Preparation of the menu.	68
20	Cost and nutritive value of the lunch provided at school as compared to Recommended Daily Allowances (RDA).	6 9
21	Height and weight of poor and upper class children.	81
22	Typical meals consumed by the groups studied.	82
23	Composition of the diets consumed.	84
. 24	Nutrient content of the diets consumed.	85
25	Comparison of calorie intake and weight gain in animals and children.	88
26	Comparison of amino acids of the diets consumed by Raipura children and upper class children.	90
27	Incidence of clinical symptoms of nutri- tional deficiency.	93
28	Composition of blood and urine of Raipura children and upper class children.	94
29	Biochemical status of Raipura children and upper class children on the basis of ICNND (1963) standards.	96
		ļ

-

,

Table No.

-

30	Thiamine and riboflavine excretion on the basis of ICNND standards modified standards.	98 •
31	Age, height, weight, and nutritional status of the fed and control children at the start of investigations.	100
32	Dietary intake of fed and the control children during experimental period.	102
33	Nutrient intake of fed and control children during the experimental period.	103
34	Food intakes of school children with fermented and unfermented foods based on wheat plus peas.	104
35a	Weight gains of fed and control children during experimental period.	106
35b	Height increments of fed and control children during experimental period.	106
36	Weight gain in relation to age.	107
37	Growth rate of upper class boys in Baroda as compared to that derived from data on western subjects.	108
38	Change in the clinical status of the fed and control children(1965-66).	110
39	Comparative data on the biochemical status of fed and control children.	113
40	Biochemical status of fed and control children at the start and termination of the study on the basis of ICNND standards.	114
41	Age, height and weight of different groups at the start of the investigation in 1966-67.	116
42	The consumption and nutritive value of the lunch compared with the previous year.	11 8

.

Table No	•	Page No.
43	Cereal and pulse intake of subjects studied.	119
44	Change in height and weight of fed and control children during experimental period.	120
45	Change in clinical status of fed and control children during 1966 Oct. to 1967 Feb.	121
46	Composition of urine of fed and control children during 1966 October - 1967 February.	123
47	Change in urinary excretion of fed and control children compared with urinary excretion of previous years.	124
48	Radiological status of school children.	126
49	Bone status of Raipura children.	127
50	Salivary amylase activity of fed and control children.	131
51	Increment in weight and height of fed and control children during periods of feeding and non-feeding.	133
52	Change in the urinary excretion of fed and control children during period of feeding and non-feeding.	134
53	Lunch provided at school and stipulated by the Government of India (1961).	135
54	Dietary intake of Devgad Baria children.	140
55	Nutritive value of the diets consumed by Devgad Baria children.	141
56	Height and weight of fed and control children (boys) in Devgad Baria (Gujarat).	143

. .

Table	No.	Page No.
57	Biochemical status of fed and control children in Devgad Baria.	146
58	Composition of urine in fed and control children in Devgad Baria.	148
59	Urinary excretion of N'methylnicotinamide in school boys.	149
60	Subjects used in the investigation.	153
61	Carotene and vitamin A consumed by the subjects during the experimental period.	15 8
62	β -carotene in raw and cooked leafy-vegetables.	159
63	Biochemical status of the subjects at the start and during the experimental period.	160
63a	Increase in serum carotene and vitamin A levels with consumption of leafy vegetable	161 es.
64	Balance studies with regard to β -carotene in selected subjects.	164
65	Effects of vitamin B ₁₂ supplement on the composition of blood and serum, and psych logical performance.	170 0-

.