



THIRD FIVE YEAR PLAN

PUNJAB STATE

(LIST OF SCHEMES INCLUDED IN THIRD FIVE YEAR
PLAN WITH MAIN TARGETS)

FOR

1961—66



Issued by
THE PLANNING DEPARTMENT



THE PUNJAB STATE
Third Five-Year Plan
LIST OF SCHEMES WITH MAIN TARGETS
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Abstract Statement I showing sub-headwise allocations of Third Five-Year-Plan, 1961-62
(Rupees in crores)

Serial No.	Sub-head of Development	Provision for 1961-62		Provision for 1961-66	
		Total	Capital	Total	Capital
1	2	3	4	5	6
1	Agricultural Production	1.33	0.42	8.73	2.18
2	Minor Irrigation	1.13	1.07	7.52	7.26
3	Consolidation of Holdings	0.48	..	1.65	..
4	Animal Husbandry	0.40	0.02	2.68	0.06
5	Dairying and Milk Supply	0.31	0.13	1.80	0.75
6	Forests (including Game Preservation and Soil Conservation)	0.66	0.08	4.67	0.88
7	Fisheries	0.06	0.02	0.45	0.08
8	Community Development and National Extension Service	2.70	0.81	12.30	3.63
9	Co-operation	0.73	0.43	4.50	2.06
10	Panchayats	0.17	0.06	1.12	0.50
11	Resettlement of Landless Agricultural Workers	0.44	0.34	1.00	0.74
12	Multipurpose Projects	9.15	9.15	50.96	50.96
13	Major and Medium Irrigation	1.58	1.58	6.50	6.50
14	Anti-waterlogging	2.56	2.56	15.01	15.01
15	Drainage and Flood Control				
16	Power Projects				
17	Industries	2.02	1.32	14.40	9.69
18	Roads	1.83	1.83	12.00	11.10
19	Road Transport	0.10	0.10	0.60	0.60
20	General Education	2.45	0.78	17.77	2.59
21	Technical Education	1.11	0.56	7.28	2.82
22	Health	2.20	1.03	13.10	6.33
23	Housing	0.35	0.30	2.40	2.07
24	Labour and Labour Welfare	0.23	0.13	1.55	0.49
25	Welfare of Scheduled Tribes	0.17	0.07	1.14	0.46
26	Welfare of Scheduled Castes and Backward Classes	0.43	..	2.22	..
27	Social Welfare	0.09	..	0.79	0.03
28	Capital Project	0.76	0.76	5.00	5.00
29	Printing	0.07	0.07	0.46	0.35
30	Statistics	0.03	..	0.19	..
31	Publicity	0.07	..	0.50	..
32	Tourism	0.04	..	0.22	..
33	Special Development in Urban Areas not covered in other sectors	..	..	0.65	0.49
	Total	38.85	28.82	231.38	164.85

STATEMENT II

Sub-head of Development.—“ Agricultural Production”

(Rs in lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
SEED FARMS						
1	Tube-wells at Seed Farms and construction of seed stores at seed farms	6.50	4.30	12.20	10.00	Construction of the remaining 100 seed stores to provide one each for 228 Seed Farms already set up
2	Setting up of nucleus seed farms for the Group	0.30	..	2.70	..	Establishment of a farm of 200 acres at Hissar for raising pure nucleus seed of improved varieties of bajra and gram
Total for the Group		6.80	4.30	14.90	10.00	
II.—SUPPLY SCHEMES AND PLANT PROTECTION						
<i>(a) Improved Seeds</i>						
3	Distribution of improved wheat seed	1.00	..	7.50	..	In order to supplement the improved seed being produced at 228 Seed Farms, this Scheme has been conceived to build up the institution of registered growers who will multiply pure seed and sell it on a premium of Re 1 per maund back to the department for distribution to the cultivators
4	Production and Distribution of Hybrid Maize Seed on Subsidised basis	1.00	..	10.00	..	Covers staff required for the supervision of the multiplication of double crossed seed of maize by registered growers over an area of 4 lakh acres and subsidising the sale of seed
5	Production and distribution of improved paddy seed	0.83	..	4.65	..	Intensification of paddy cultivation on improved lines over an area of 12½ lakh acres
6	Distribution of improved seed of Gram and Bajra	..	..	5.00	..	This involves building up the institution of registered growers for multiplication of pure seed of gram/bajra and distribution through the Department to the cultivators at a premium of Re 1/Rs 2½ per maund

7	Production and distribution of improved seeds of fodder crops	..	..	1.00	..	Envisages setting up of a foundation seed farm of about 50 acres at Sirsa for raising the nucleus seed of Jowar and Lucerna for further multiplication by the registered growers on subsidised rates
8	Development of hilly areas—production and distribution of vegetable and potato seed	0.19	..	1.17	..	Involves setting up of an organisation to advise growers in the Kulu valley in methods of seed production and to make arrangements for the supply of foundation seed stocks	
<i>(b) Plant Protection</i>							
9	Supply of pesticides for the control of insect pests and rodents	1.80	..	9.00	..	Envisages continuation of the scheme for issuing free of cost pesticides for carrying out campaign against field rats/jackals and insect pests to cover an area of 62.40 lakh acres by the end of the 3rd plan	
10	Subsidy on manually operated Plant protection machines for sale to Panchayats, Better Farming Societies, Model Farm and Farmers	2.00	..	14.00	..	The scheme is designed to encourage and induce the Panchayats, Better Farming and Service Societies, Model Farms and cultivators to purchase their own pest control equipment with a subsidy from Government	
11	Demonstration vans for plant protection	..	0.49	..	15.00	..	Effective campaign by demonstrating against a sudden out break of insect pests and diseases and giving of large-scale demonstration training in modern methods of pest control, proper use of highly poisonous pesticides is envisaged
<i>(c) Fertilizers and Manures</i>							
12	Green-manuring	..	0.50	..	5.00	..	Distribution of free packets of Dhaincha seed for multiplication and purchase of multiplied seed at a subsidy of Rs 4 per maund besides giving of a subsidy of Rs 4 per acre of the area green-manured
13	Sewage utilization	0.50	..	The beneficial utilisation of sewage water for the production of agricultural crops around sewer towns
14	Rural Compost and Cattle dung manure	..	3.00	..	15.00	..	Stepping up of rural manurial resources by 23 lakh tons by better and larger utilization of cattle dung urine and other organic wastes, preparation of night-soil compost in bigger Panchayats and intensification of green-manuring
15	Town Compost Distribution of Manure	..	0.30	..	2.00	..	Increasing the Town Compost production by 2 lakh tons in urban areas by giving financial assistance to the needy municipalities
16	Fertilizers for Demonstration on cultivators' fields	1.50	..	10.00	..	Laying out of 6,000 demonstration plots to convince the cultivators of the usefulness of fertilizers	
17	Subsidy on phosphatic fertilizers	..	1.00	..	14.00	..	Popularization of superphosphates by subsidising 25 per cent cost of 20,000 tons thereof
18	Development of hilly areas—subsidies for fertilizers, pesticides, seeds, plants and implements	1.50	..	20.00	..	Encouraging the use of fertilizers and improved seeds and implements by subsidising the purchase thereof by hilly area farmers. Subsidy will range from 25 per cent to 75 per cent	

STATEMENT II—CONTD

Sub-head of Development.—“ Agricultural Production ”

(Rs in lakhs)

Serial No.	Name of the Scheme	1961-62		1961—66		Brief description of Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
<i>(d) Implements</i>						
19	Concession in price for the introduction of improved agricultural implements—ploughs	2.00	..	27.00	..	5 lakhs improved ploughs on the basis of 25 per cent subsidy will be distributed
20	Concession in price for the introduction of gas plants	0.10	..	1.00	..	Envisages subsidy for the supply of 240 cow-dung gas plants in order to popularize it among the cultivators in the interest of saving the manurial resources
21	Loans to cultivators for the purchase of agricultural machinery—power wheat Thrashers	..	..	4.00	4.00	Loans for the purchase of 130 power wheat thrashers to popularize them among cultivators
Total for the Group		17.21	..	165.82	4.00	
III.—DEVELOPMENT OF COMMERCIAL CROPS. HORTICULTURE, FRUIT PRESERVATION AND EXTENTION						
<i>(i) Cotton</i>						
22	Cotton Extension, Seed Multiplication and Seed Distribution	2.53	..	13.83	..	Extension and continuance of the existing scheme of increasing the total production and yield per acre for cotton as also to ensure surety of improved varieties
<i>(ii) Sugarcane</i>						
23	Cane Development, Supply of Improved Seeds, Demonstration and Publicity	3.00	..	40.00	..	Increasing the per acre yield of cane by intensive methods of cultivation and raise recovery of sugar to raise production by 1.70 lakh tons during Third Plan

24	Construction of Pucca Roads in Sugar Factory Areas	5.00	5.00	40.00	40.00	Construction of 75 miles of pucca roads in sugar factory areas to facilitate transport of Sugarcane to the Mills	
<i>(iii) Oilseeds</i>							
25	Oilseeds Extension, Plant Protection, Seed Multiplication and Seed Distribution	0.39	..	4.00	..	Increasing oilseed production from 1.85 lakhs tons in 1960-61 to 3 lakhs tons in 1965-66 by adopting extensive and intensive methods of cultivation	
<i>(iv) Horticulture</i>							
26	Development of Fruit Production	..	5.00	3.90	25.00	19.30	Loans to increase the fruit production by extending horticulture to 21,000 acres
27	Development of hilly areas—loans for starting fruit orchards	2.00	2.00	20.00	20.00	Loans for bringing 4,000 acres under Orchards in Hill Areas	
28	Development of hilly areas—establishment of progeny orchard-cum-nurseries	0.40	..	2.00	..	Establishment of two progeny orchards and nurseries at Dera Gopi Pur and Outer Seraj to encourage hill area cultivators to take to horticulture	
29	Development of hilly areas—Nursery Production	1.96	0.13	8.25	0.13	Establishment of 9 nurseries at Manali, Kulu, Banjar, Nirmand, Nurpur, Hamirpur, Kangra, Nalagarh and Kelong	
30	Development of National Garden and Seedling Mangoes	..	..	2.05	..	Increase in fruit production by rejuvenating the existing gardens and rendering intensive advisory work on horticultural methods through extension staff
31	Establishment of Punjab State Co-operative Fruit Development Federation (Hilly Areas)	0.03	..	0.15	..	Establishment of a board to encourage horticulture on modern lines by publishing literature and to organise fruit growers on a common platform	
32	Training of Gardeners at Patiala	..	0.23	..	1.18	..	Annual training of 40 gardeners in intensive horticulture to encourage them to take up the profession of fruit growing
33	Development of hilly areas—Training for gardeners at Kulu	0.24	..	1.25	..	Ditto	
<i>(v) Vegetables</i>							
34	Development of Vegetable Production	..	0.20	..	4.00	..	Encouragement of productive methods of vegetable growing around towns by educating people in the use of better seeds, fertilizers and insecticides
35	Establishment of Vegetable Boards	..	0.05	..	0.25	..	Organisation to help the growers of vegetables in marketing, control of insect pests and diseases and in inducing co-operative spirit

STATEMENT II—CONTD

Sub-head of Development,—“ Agricultural Production ”

(Rupees in lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
	<i>(vi) Tea</i>					
36	Development of hilly areas—Development of tea in Kangra District	0.31	..	2.03	..	Increasing the production of tea by 5 lakh lbs. by improving the yield per acre by adopting various improved cultural practices
	<i>(vii) Bee-keeping</i>					
37	Development of hilly areas—Development of Bee-keeping	0.33	..	2.07	..	Establishment of 3,750 colonies for adopting modern lines in bee-keeping in the Simla tracts
	<i>(viii) Extension</i>					
38	Development of hilly areas—Farm Advisory Service	2.00	..	12.00	..	Setting up an efficient Farm Advisory Service on the pattern of Himachal Pradesh Administration to educate the average cultivators to take up approved agricultural practices
39	Farm Advisory Service (excluding hilly areas)	3.00	..	40.00	..	Setting up of an efficient and elaborate Advisory Service for cultivators manned by subject-matter—specialists at district level
40	Crop Insurance	..	8.54	..	50.00	Experimental Pilot Scheme to insure the selected crops to cover the risk of loss as caused to various crops by floods, droughts, hailstorm, unavoidable insect infestation and plant diseases, etc., over which the farmers have no control
41	Extensive Agricultural District Programme (package programme)	15.92	0.40	90.20	0.60	Effective expansion of food production in Ludhiana District side by side with improving the economic base of each of the village and income of the cultivator

42	Seed Certification	..	0.39	..	2.05	..	Ensuring the supply of high grade certified vegetable seeds to cultivators by controlling their production and distribution after inspection of standing crops
43	Crop Competition	..	0.89	..	5.50	..	Crop competition at village, Block, district and State levels to infuse spirits of healthy rivalry for increasing average yield per acre
44	Demonstration and popularization, production and sale of improved Agricultural Implements	..	1.00	0.53	10.00	6.20	Popularization of improved agricultural implements by giving subsidy to cultivators and by taking up manufacturing, distributing and demonstrating of the use of improved agricultural implements in the State
45	Nilokheri Workshop	..	1.27	1.27	17.00	17.00	Production at cheap cost of agricultural implements of the standard specifications on mass scale
46	Quality marking of agricultural implements	..	0.40	..	2.00	..	Envisages quality marking of implements produced by registered fabricators and ensuring sale at fixed prices of the various standard designs
47	Implementation of the recommendations of the agricultural administration Committee set up by the Government of India	..	2.96	..	10.50	..	Implementation of the recommendation of the Nalagarh Committee including those regarding the revision of scales of pay and introduction of selection grades
48	Strengthening of agricultural administration	..	0.47	..	1.00	..	Suitable strengthening of the office of the Director of Agriculture, Punjab, to cope with the increased work engaged in the Third Plan
49	Establishment of Regional Soil Testing Laboratories	..	..	..	4.38	..	Provision of additional Soil testing Laboratories in plain areas to meet the increasing needs of the cultivators
50	Development of hilly areas—Establishment of Soil Testing Laboratory	..	0.53	..	2.19	..	Setting of a Soil testing Laboratory at Palampur to help the hill area farmers in farm Planning, horticulture and use of fertilizers
51	Strengthening of Well Boring section for expeditious disposal of cultivators' requests for advice, repair, installation of tube-wells, pumping sets, pumping-houses, etc.	..	0.30	..	2.00	..	Expansion in the existing staff
52	Subsidiary foods	..	..	..	1.00	..	Encouragement in the production of good quality subsidiary foods, e. g., vegetables, fruits, tapioca, milk, etc., at cheaper prices to encourage change in the people's food habit
Total for the Group		..	59.34	13.23	415.88	103.23	

STATEMENT II—CONCLD

Sub-head of Development.—“ Agricultural Production ”

(Rupees in Lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
IX.—AGRICULTURAL EDUCATION						
53	Development of post-graduate studies and Research Institutes	4.83	2.50	30.00	14.68	Extension of the Agricultural College at Ludhiana so as to annually admit in post-graduate classes 40 students equally from within and out side the State
54	Improvement of facilities at the Government Agricultural College, Ludhiana	7.77	6.45	26.10	8.09	Increase the intake by 70 students annually in the Agricultural College and provision of integrated training and subject-matter training to all the students
55	Development and management of Government Agricultural Farm, Ludhiana	1.40	0.75	5.00	1.09	Setting up of an organization to develop, manage, operate and superintend the College farm
56	Establishment of a new Agricultural College in Haryana area	0.50	0.50	30.00	25.00	Establishment of a new Degree College for training personnel for meeting the increasing requirements of the State
57	Establishment of Punjab Agricultural University at Ludhiana	6.70	6.70	*1.00	6.70	Setting up of an Agricultural University at Ludhiana from the chain of five to be set up in the country for institutional higher studies and Research in Agriculture *This is a token provision.
58	Establishment of Junior staff school for in-service-training in farm management in Government Agricultural College, Ludhiana	0.94	..	5.43	2.00	Establishment of a Staff School as an integral unit of the Agricultural College for providing in-service training refresher courses, etc.
59	Establishment of Soil Conservation Wing in Government Agricultural College, Ludhiana	0.35	..	1.46	..	Arrangements for the annual training of 16 regular students, 8 B. D. Os. and 48 V. L. Ws. in Soil Conservation and reclamation work
60	Facilities to Agricultural Inspectors take up M. Sc. (Agri.) degree course as regular students	0.36	..	2.30	..	Giving of monthly allowance of Rs 100 to 20 Agricultural Inspectors to be admitted to M. Sc. (Agri.) as regular students

61	Holding of short courses for farmers	..	..	3.00	..	Institution of a short duration training-cum-demonstration programme in techniques of improved crop production for farm leaders at various agricultural research farms and other suitable places in the State
62	Establishment of Vocational Agricultural School	..	..	4.00	..	Establishment of two Agricultural Schools so as to give integrated education in Agriculture, Animal Husbandry, Dairying, Animal diseases, Horticulture, Co-operation, Marketing, Village Industries, Civics, etc.
Total for the group		..	22.85	16.90	108.29	57.56

X.—AGRICULTURAL RESEARCH, EXTENSION TRAINING, INFORMATION AND STATISTICS

(a) Agricultural Research

63	Horticultural Research Stations at Kandaghat, Bahadurgarh and Abohar	1.00	..	5.00	..	Intensification of research programmes for the commercial cultivation of Citrus, date-palm, grape wine apricots, etc. Self-explanatory
64	Research in hilly areas—Establishment of a subtropical Fruit Research Station at Nurpur and Horticultural Research Sub-Station at Manali and a Dry Fruit Research Station in Lahaul	0.70	..	4.00	..	Self-explanatory
65	Research in hilly areas—Improvement of Ginger and Elephant Foot at Kandaghat and mushroom cultivation at Katrain	0.03	..	0.50	..	Introducing good quality fibre-free, high-yielding and disease-resistance varieties of ginger from other parts of India (Madras, Assam, etc.)
66	Research in hilly areas—Improvement of Wheat, Barley, Rice and Pulses Crop	0.01	..	1.02	..	Self-explanatory
67	Research in hilly areas—Substation for grass-land and forage	0.29	..	1.57	..	Self-explanatory
68	Research in hilly areas—Research on diseases of Fruit	..	..	..	..	Self-explanatory. The entire provision of Rs 0.17 lakh is to be met by the I. C. A. R.
69	Research in hilly areas—Improvement of Tea	0.07	..	0.83	0.36	Self-explanatory
70	Strengthening of Cereal Section for research on barley and pulses and setting up of rice research station at Kapurthala or Gurdaspur with substations at Kangra and Karnal, Substation for wheat at Gurdaspur	1.30	..	7.00	..	Ditto
71	Evolution of Agricultural Implements and hand tools—strengthening of Engineering Section (Implements)	0.32	..	1.89	..	Ditto

STATEMENT II—CONTD

Sub-head of Development.— “Agricultural Production”

(Rupees in Lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
X. AGRICULTURAL RESEARCH, EXTENSION TRAINING, INFORMATION AND STATISTICS—contd						
(a) Agricultural Research—concltd						
72	Strengthening of Millet Section for more intensive research work on millet and Gram crops	0.34	..	2.32	..	Self-explanatory
73	Expansion of Sugarcane Research Scheme for Establishing Research Substation at Rohtak, Hissar and Palwal	0.04	..	4.00	1.50	Ditto
74	Strengthening of facilities for Biochemistry section for studies on nutrition of ruminants ; problem of soil Microbiology and the determination of nutritive value of various varieties of food and other crops	0.60	..	5.00	..	Ditto
75	Strengthening of the Entomological section for organising an insect pest survey unit and study of residual effects of pesticides on food crops	0.25	..	2.50	..	Ditto
76	Strengthening of chemical section for research on soil fertility problems	0.20	..	2.50	..	Ditto
77	Strengthening of fodder section for more intensive research on fodder crops	..	..	0.63	..	Ditto
78	Strengthening of vegetable section for setting up research substation at Ludhiana, research on chillies and onions at Karnal, research on storage and preservation of vegetables and establishment of tuber crops and research (substation at Nagrota)	0.33	..	3.33	..	Ditto
79	Strengthening of the plant Pathological section for research on diseases of vegetables and fruits and testing breeding material of Botanists	0.72	..	4.63	..	Ditto

80	Research on Sugar Beet	..	0.27	..	2.00	..	Ditto
81	Improvement of Gram and Bajra in Southern districts of the Punjab	..	0.07	..	0.38	..	Aims at the evolution of draught resisting varieties of Gram and Bajra
82	Co-ordinated Scheme for simple fertilizer trials on the cultivators' fields and Model Agronomic experiments at Sirsa and Nisirpur	..	1.90	..	10.20	..	Continuance of the existing Scheme which is self-explanatory
83	Investigation of the causes of failure of citrus in the Punjab	..	0.20	..	1.00	..	Self-explanatory
84	Research on Weed control	..	0.08	..	0.60	..	Ditto
85	Training of Gram Sewaks at the Gram Sewaks Training Centres, Nabha, Batala and Sirsa	..	3.84	..	20.37	..	Continuance of the existing institutes for manning the Blocks with trained Village Level Workers
86	Training of Gram Savikas in the Home Economics Department at Nabha, Batala and Kunjapura (Karoal)	..	1.64	..	8.16	..	Self-explanatory
87	Training of Village Level Workers in Organising Village Youth Activities, Nabha, Batala and Sirsa	..	0.16	..	0.83	..	Ditto
88	Agricultural Workshops attached to Gram Sewaks Training Centres at Nabha, Batala and Sirsa	..	1.82	1.12	4.74	1.12	Ditto
89	Refresher Training to Gram Sewaks	..	0.35	..	1.05	..	Ditto
90	Technological studies of Punjab Cotton	..	0.02	..	0.29	..	Ditto
91	Research on insect pests of cereal crops (Rice and Maize) and Oilseeds	..	..	..	0.40	..	Ditto
92	Lump sum provision for Agricultural Research	..	..	..	9.30	..	Ditto
93	Breeding of extra-long staple cotton—Construction of Buildings	..	0.77	0.77	0.77	0.77	Spill-over scheme for the completion of office building, stores and laboratories at Abohar
<i>(b) Agricultural Information</i>							
94	Strengthening of existing Agricultural Information unit	..	1.00	..	8.00	..	Self-explanatory
<i>(c) Agricultural Marketing</i>							
95	Strengthening of Marketing Section for additional work-load due to revision of Marketing Act and grading of Citrus Food	..	0.19	..	1.52	..	Ditto

STATEMENT II—CONCLD

Sub-head of Development.—“Agricultural Production”

(Rupees in Lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
X. AGRICULTURAL RESEARCH, EXTENSION TRAINING, INFORMATION AND STATISTICS—concl'd <i>Agricultural Marketing—concl'd</i>						
96	Provision of grading services in regulated Markets	0.30	..	1.38	..	Experimental scheme to be started in nine regulated markets for introducing sale of agricultural commodities on the basis of standard grades
97	Agmarking of Cotton <i>(d) Agricultural Statistics</i>	..	..	2.00	..	Self-explanatory
98	Strengthening of Statistical section for designing of experiments, inspection of crop diagnostic samples, crop cutting experiments of non-food crops and improvement of Agricultural Statistics	1.40	..	8.40	..	Ditto
Total for the group		..	20.21	1.89	128.11	3.75

LAND DEVELOPMENT

99	Survey of culturable waste lands	..	0.37	..	1.00	..	Self-explanatory
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100	Loans to cultivators for reclamation of waste lands through manual and bullock labour	4.00	4.00	Loans-cum-subsidy for the reclamation of 50,600 acres of scattered pieces of waste lands with bullocks and manual labour	
101	Reclamation of culturable waste lands	..	6.13	6.13	35.00	35.00	Loans for the reclamation of 15,000 acres of culturable waste lands by means of heavy machinery
Total Land Development		..	6.50	6.13	40.00	39.00	
Total for all groups		..	132.91	42.45	873.00	217.54	

Head.—“ Minor Irrigation ”

No.	Name of the Scheme	1961-62		1961-66		Brief Description of Schemes
		Total	Capital	Total	Capital	
IRRIGATION PORTION						
1	Tube-well Project (Old)	26.81	26.81	54.00	54.00	Spillover Tube-wells from the Second Plan will be completed under this Project
2	Lift Irrigation by pumps in hilly and semi-hilly areas	1.0	1.0	10.00	10.00	It aims at providing irrigation by the help of pumps in hilly areas of the State
3	Irrigation by tanks and Bunds, etc., in—					
	(a) Mohindergarh and Gurgaon Districts	2.24	2.24	19.00	19.00	} This contemplates irrigation from the waters stored by Bunds and Tanks in Gurgaon, Mohindergarh, Kangra and Ambala Districts
	(b) Kangra and Ambala Districts	0.60	0.60	6.00	6.00	
4	Exploratory Tube-wells	2.00	2.00	15.00	15.00	This aims at exploring the possibility of sinking of new tube-wells
	Total Irrigation Portion	32.65	32.65	104.00	104.00	
AGRICULTURE PORTION						
5	Construction of Private tube-wells	24.36	24.36	250.00	250.00	Loans will be advanced to the farmers for the construction of 4,884 tube-wells. It will bring an additional area of 244,200 acres under irrigation, thereby resulting into an additional production of 34,630 tons of foodgrains
6	Construction of new wells/repairs to old wells	20.00	20.00	222.01	222.01	Loans will be advanced to the farmers for the construction of percolation wells. The number of wells will be 11,180 resulting in 16,770 tons of additional foodgrains. 25 per cent of the amount will be given as grant to the loanees
7	Installation of pumping-sets	20.00	20.00	88.13	88.13	Loans will be advanced under this for the installation of 4,900 pumping-sets. An additional area of 49,000 acres will be brought under irrigation, which would give an additional production of about 7,350 tons of foodgrains

8	Gurgaon Bunds	..	2.30	..	11.50	11.50	The water stored by the construction of 4 new Bunds will be used for irrigation purpose, which will provide irrigational facilities to 12,000 acres, thereby resulting into 1,800 tons of foodgrains
9	Irrigational facilities under Package Programme	10.00	10.00	50.00	50.00	50.00	Under this scheme various irrigational facilities will be given to district Ludhiana, which will provide irrigational facilities to 50,000 acres, thereby resulting into 7,500 tons of foodgrains
10	Repair/Construction of kooahls in hilly areas	..	3.34	..	26.36	..	The Kooahls will provide irrigation facilities in Hilly Areas. It is proposed to give subsidy for the repairs and construction of 920 Kooahls which are expected to cover an additional area of 38,000 acres, thereby resulting into an additional production of about 5,700 tons of foodgrains
Total Agricultural Portion		..	80.00	74.36	648.00	621.64	
Total Minor Irrigation CONSOLIDATION OF HOLDINGS		..	112.65	107.01	752.00	725.64	
1	Consolidation of holdings	..	48.00	..	165.00	..	It envisages consolidation of scattered holdings as an integral part of Grow-More-Food Campaign and for developing villages on proper lines. An area of 77.22 lakh acres left unconsolidated during the first two plans is expected to be consolidated by the 30th June, 1964, at a cost of Rs 165 lakhs, completing operations all over the State

Head.—Animal Husbandry.

Serial No.	Name of the Scheme	1961-62		1961-66		Brief Description of Scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
4—ANIMAL HUSBANDRY						
1	Preservation of superior Milch animals-grant of subsidies	1.00	..	8.00	..	To save the large scale export of superior and high milk yielding murrh buffaloes, it is aimed to give subsidy for maintaining 3500 such animals
2	Scheme for the Mass Castration of scrub bulls..	0.47	..	4.48	..	In order to ensure effective improvement in the quality and breeds of bulls side by side with the maintenance of enough number of superior bulls mass castration of 2,30,000 bulls is envisaged
3	Scheme for the expansion of 25 selected Gaushalas	0.68	..	4.59	..	Improvement of 25 out of the existing gaushalas by enjoining upon each to keep 20 cows and 2 bulls of selected breeds as also to start a gausadan for segregating old and infirm cattle
4	Scheme for the establishment of a Jersey Cattle Breeding Farm	1.00	..	1.00	..	Envisages the large scale cross breeding of indigenous hill areas cows by the improved milk yielding foreign Jersey cow breed through the establishment of a breeding farm at Palampur
5	All-India Key village Scheme for the improvement of Cattle	5.00	..	42.80	..	Among other things intensification of programmes in the existing 2 artificial insemination centres and expansion of another 4 besides opening of 2 new rural artificial insemination centres is envisaged
6	Scheme for the development of Hilly cattle ..	0.50	..	0.50	..	Land required for a co ordinated scheme including key village scheme for the improvement of hill cattle is envisaged
7	Scheme for the distribution of bulls of improved breeds	0.70	..	4.80	..	Location of 250 outstanding pedigree bulls of Murrh and Frisen breeds in the breeding tracts for the improvement and grading up of resultant animals in rural areas

8	Scheme for the strengthening of State Farm— Re-organization of Bhupindra Dairy Farm	0.50	..	5.00	..	The Bhupendra State Farm is to be re-organized by shifting the improved male and female progeny of Sahiwal cows and murrah buffaloes from the Livestock Farm at Hissar. 100 bull calves would be issued free of cost in selected breeding tracts
9	Scheme for the State contribution for the re- organisation of Government Live Stock farm, Hissar	5.00	..	50.00	..	In order to ensure the production and availability of really tested superior all over the country the existing Livestock Farm at Hissar is proposed to be expanded and reorganised appreciably as a co-ordinated scheme
10	Scheme for the establishment of Milch Bull Rearing Farm in the Punjab	0.50	..	7.00	..	In order to prevent the fast vanishing breed of Milch Cows and buffoles, a farm in the hilly tract is envisaged. The bulls produced by this farm will be issued free of cost in the hilly Tracts
11	Scheme for the production of various vaccines..	1.35	..	5.00	..	3920 dozes of vaccines of anti-rebles, flurystrain, distemper, ranikhet, etc. will be manufactured
12	Scheme for the opening of 59 new permanent outlying dispensaries under the charge of trained Veterinary compounders	0.49	..	6.47	..	Self explanatory
13	Scheme for the conversion of 50 permanent out- lying dispensaries into regular Veterinary Hospitals	0.29	..	4.72	..	Ditto
14	Scheme for the construction of 50 Veterinary hospitals buildings	..	..	5.00	..	Ditto
15	Scheme for the supply of medicines and instru- ments to Veterinary hospitals	0.33	..	5.00	..	Envisages the production of better and efficient veteri- nary aid to the existing institutions which also be suitably equipped
16	Scheme for the construction of Veterinary Hospi- tal building at Manali	0.24	..	0.50	..	Self explanatory
17	Scheme for the opening of new Poultry Exten- sion Centres	0.33	0.06	2.46	0.38	Expansion of the 4 out of the 16 existing extension centres by providing additional breeding accommoda- tion, laying houses etc. in order to cope with the rising demand for birds besides, 1,40,000 eggs for hatching of improved birds
18	Scheme for the expansion of existing Poultry Extension Centres	0.87	0.22	3.46	0.44	Starting of 4 new centres for the production of 18,000 dozens of chicks and 9,000 dozens of eggs
19	Scheme for the collection and marketing of eggs	1.62	0.92	3.48	0.92	Opening of marketing centres where 80,00,000 eggs and 2,00,000 marketing birds collected from the villages will be graded and disposed of through the organised markets

Head.—Animal Husbandry.

(Rs in lakhs)

Serial No.	Name of the Schemes	1961-62		1961-66		Brief description of Scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
20	Scheme for the manufacture and distribution of Poultry Feed	0.16	..	1.24	0.50	Production of 50,000 maunds of balanced poultry ration is envisaged
21	Scheme for the establishment of 4 intensive Poultry Development Blocks	0.62	0.10	1.91	0.20	Opening of 4 poultry development blocks each consisting of 25 to 50 villages having approximately 5,000 to 10,000 laying hens to start with
22	Scheme for the training of Poultry Farmers—Grant of Stipend	0.12	..	0.60	..	Training of 1,400 poultry farmers to be granted stipend of Rs 50 each
23	Schem for the provision of additional staff for the office of the Poultry Development Officer, Punjab	0.13	..	0.74	..	Strengthening of staff for the proper co-ordination and control of increased work to be generated in the Third Plan
24	Scheme for the grant of subsidy to Poultry Farmers for the purchase of brooders	0.14	..	0.70	..	Supply of 1,400 subsidized brooders
25	Scheme for the grant of subsidy to Poultry breeders for the purchase of Poultry houses	0.06	..	0.30	..	Subsidy of Rs 50 each to 600 breeders for the purchase of 600 poultry houses in order to popularise their use
26	Scheme for the grant of subsidy to Poultry breeders for the purchase of Poultry cages	0.01	..	0.05	..	Subsidized distribution of 300 poultry cages for exhibition purposes at poultry shows
27	Scheme for the grant of subsidy to Poultry Farmers for replacing Desi Birds with improved stocks	..	..	0.60	..	Envisages subsidized replacement of 1,20,000 Desi Male Birds with those of improved breeds
28	Scheme for the expansion of the existing State Poultry Farms	..	..	4.72	..	Expansion of the 2 out of the 5 existing State Poultry Farms so as to augment the supply of improved brooders to the public
29	Scheme for the grant of subsidy to Poultry Breeders for the purchase of incubators	0.07	..	0.35	..	Subsidized distribution of 70 incubators to encourage deserving breeders to start private hatcheries

30	Scheme for the Duck Breeding Farm in the Punjab	0.50	..	0.50	..	Starting of a duck breeding farm at Chandigarh for the production of 20,000 exotic breed eggs and 20,000 ducklings is envisaged
31	Scheme for the establishment of a Sheep Breeding Farm at Kulu	0.30	..	0.60	..	Starting of a sheep breeding farm at Kulu where besides production of 240 high quality rams, the existing dale flock at Hissar will be shifted and housed
32	Scheme for the expansion of existing 24 and opening of 16 new Sheep Extension Centres	2.58	0.53	13.16	1.70	Expansion of existing 24 and opening of 16 new sheep extension centres so as to help produce wool of fine quality for achieving self-sufficiency
33	Scheme for the expansion of existing Sheep Breeding-cum-experimental Station at Hissar	..	..	6.19	1.02	Establishment of additional flock of 1,000 breeding ewes and production of 50 additional rams at the existing Sheep Breeding-cum-Experimental Station at Hissar
34	Scheme for the establishment of Piggery Units and Development Blocks	0.60	..	3.57	..	One piggery unit and 6 piggery development blocks involving the maintenance of 30 cows and 6 boars as foundation stock
35	Scheme for the establishment of Pig Breeding-cum-Bacon Factory	..	..	8.87	..	Establishment of a regional pig breeding station-cum-bacon factory and piggery extension work in the development blocks is envisaged so as to produce 500 stud boars
36	Scheme for the Investigation of Toxic plants and herbs in the Punjab	0.10	..	0.50	..	Self-explanatory
37	Scheme for the Investigation for influence of different systems of rearing on sex behaviour of breeding bulls	0.13	..	0.60	..	Ditto
38	Scheme for the control of warble infestation in cattle	0.05	..	0.68	..	Ditto
39	Lumpsum provision for I.C.A.R. Schemes	..	..	2.22	..	Ditto
40	Scheme for the expansion of staff for Headquarters and Sub-offices	0.12	..	3.00	..	Entertainment of additional staff at the headquarters office to cope with the increasing clerical and other work
41	Extension Animal Husbandry and Publicity Officers	0.30	..	2.00	..	A pilot scheme for the appointment of 3 Extension Officers to give technical guidance in the development block areas
42	Scheme for the improvement of existing meat markets	..	..	3.00	..	Improvement of 5 existing meat markets and slaughter houses by providing air-conditioning, cold storage facilities etc.

Head.—Animal Husbandry.

(Rupees in lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
43	Scheme for holding of Livestock shows and milk yielding competitions	0.36	..	4.00	..	Organisation of 5 State Cattle shows and 85 district shows involving about 1545 cash prizes
44	Scheme for the control of menace of wild and stray Cattle	1.17	..	13.12	..	In order to save the losses to standing crops by the ravages of wild and stray cattle, catching of 3600 such cattle is envisaged
45	Scheme for the establishment of 4 More Gosadans in the Punjab	0.82	0.08	4.00	0.96	In order to facilitate the elimination and segregation of unproductive cattle 2 additional private and 2 additional Government gosadans are proposed to be set-up
46	Scheme for the implementation of the recommendations of Nalagarh Committee	..	..	5.00	..	In order to implement the recommendations of the Nalagarh Committee the scheme envisages enhancement of pay scales and creation of additional selection grade posts, etc.
47	Scheme for the preservation of cruelty to Animals	..	..	1.50	..	The provision of water troughs at 50 wells, celebration of 5 Animal Welfare Weeks and grant to 10 S.P.C.As. is envisaged
Total Group I		29.23	1.91	247.98	6.12	
GROUP II VETERINARY EDUCATION AND RINDERPEST ERADICATION						
48	Spill-over for the construction of Veterinary College buildings at Hissar	6.57	..	6.57	..	A spill-over scheme which is nearing completion
49	Scheme for the Eradication of Rinderpest from the Punjab	4.19	..	9.31	..	The scheme for the eradication of rinderpest by making available 4,000,000 dozes of vaccines is envisaged so as to complete the work started in 1958-59

50	Scheme for the Extension Wing at the Veterinary College, Hissar	..	..	2.54	..	Giving of facilities to the 3rd and 4th year students to get training in extension methods
51	Scheme to increase the efficiency at the Veterinary College, Hissar	0.16	..	0.80	..	Purchase of professional books, veterinary journals and pamphlets for the College with a view to keep the teachers and students in contact with the latest research and development in the neighbouring States
52	Scheme for the construction of residential accommodation for teaching staff	..	..	0.80	..	Self explanatory
Total Group II		10.92	..	20.02	..	
Total "4—Animal Husbandry" (Group I and II)		40.25	1.91	268.00	6.12	

Head.—Dairying and Milk Supply

(Rupees in lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief Description of Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
1	Establishment of a Milk Supply Union at Chandigarh	1.50	0.60	1.50	0.60	Envisages completion of the Rs 16.00 lakh project started in the Second Plan
2	Composite Milk Plant, Amritsar	11.00	4.40	11.00	4.40	Completion of Rs 51.89 lakh project started during the Second Plan which envisages collection of 2,500 maunds of milk and involves its processing into cream and milk-powder besides distribution of milk in the City.
3	Construction of Modern Dairy Buildings with a complete set of pasteurisation plant at Government Live-Stock Farm, Hissar	2.50	1.00	2.50	1.00	Completion of Rs 5.17 lakh scheme started in the Second Plan to undertake pasteurisation of 150 maunds of milk per day for distribution in the city
4	Strengthening of existing Dairies—Scheme for construction of sheds for milch cattle at the Government Live-Stock Farm, Hissar	2.00	0.80	2.00	0.80	Spill-over Scheme
5	Expansion of existing Dairies—Provision of additional funds	3.10	1.24	18.00	7.20	Envisages extension of the existing Dairy Projects so as to double the handling capacity
6	Establishment of four Milk Supply Schemes in Punjab	4.60	1.36	70.00	27.32	Provision of Milk Supply Schemes at Jullundur, Ambala, Ludhiana and Patiala with handling capacity ranging from 500 maunds to 750 maunds daily
7	Establishment of two Rural Creameries in Punjab	..	..	20.00	7.60	Setting up of two Rural Creameries each handling 250 maunds of milk daily partly for conversion into butter and ghee
8	Scheme for setting up a Milk Products Factory in Punjab	..	..	2.00	0.60	Purchase of land and construction of buildings for a Rs 41.00 lakh factory to be ultimately set up in the Fourth Plan for producing ghee on large scale

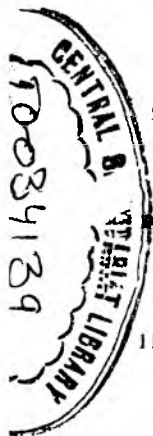
9	Scheme for training of personnel for Dairy Project	0.25	..	2.00	..	Envisages annual grant of stipends to 10 I.D.D. course candidates and 4 B.Sc. Dairying course and implant training to deserving hands	
10	Expansion—Strengthening of the Dairy Section—Appointment of Additional staff for Dairy Development work	0.56	..	7.00	..	Self explanatory	
11	Extension Units for increased milk production	2.00	..	18.00	..	Provision of extension staff units to serve 360 villages around the various Milk Supply Projects	
12	Removal of milch animals	..	..	5.00	5.00	Removal of 8,300 animals from Cities to Rural areas to remove insanitation and eradicate adulteration, etc.
13	Lumpsum provision for grant of loans to private breeders for purchase of milch animals	3.00	3.00	20.00	20.00	Grant of loans to 4,000 breeders in rural areas covered by Milk Supply Scheme to enable them to purchase high milk-yielding animals	
14	Survey statistics—Research	..	0.25	0.13	1.00	0.50	Survey of the existing conditions of production and consumption of milk and breeding and feeding of milch animals
Total		..	30.76	12.53	180.00	75.02	

Head.—Forest.

(Rupees in lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
FORESTRY GROUP						
1	Farm Forestry	—	—	2.00	..	The Scheme envisages plantation of 20 lakh plants along villages roads and establishment of fuel plantations.
2	Raising of Economic Plantations (conifers)	2.28	..	13.00	..	The Scheme deals with raising of mainly fir in 7,000 acres of land. Coniferous trees will also be raised on enhanced scale in connection with the establishment of News Print Industry
3	Raising of Economic Plantations (Miscellaneous species)	1.00	..	6.00	..	3,000 acres of land are proposed to be utilised for the raising of miscellaneous species like walnut and maple, etc. at a total cost of Rs 6 lakhs to meet shortage in these species.
4	Raising of Economic Plantations (irrigated and Un-irrigated)	3.00	..	18.00	..	The Scheme deals with raising of shisham, kikar and mulberry etc. in 5,200 acres of land.
5	Raising of Economic Plantations (Acquisition of land)	0.30	0.30	18.00	18.00	This Scheme deals with acquisition of 18,000 acres of irrigated land and 9,000 acres of un-irrigated land for raising of plantation.
6	Raising of Economic Plantations (canals Roads and Railway Strips)	13.60	..	89.00	..	The raising of trees along canals, roads and railways are immediately required in about 11,000 row miles.

7	Forest Consolidation	0.45	..	2.00	..	The Scheme envisages demarcation of 2 lakhs acres of land for proper forest operations.
8	Forest Resources Survey	0.41	..	2.00	..	The States statistics with regard to forest resources are most unsatisfactory. The scheme is therefore a great necessity to meet the demand of forest products in the State.
9	Working Plan Organisation and Preparation of Working Plans	1.89	..	9.50	..	Preparation of working plans is a pre-requisite to forestry management which involves long term planning and organisation.
10	Grazing and Pasture Improvement	0.30	..	2.00	..	In order to work out the appropriate grass and fodder species for different regions it is necessary to implement this Scheme. 3 Pilot Centres are proposed to be established under the Scheme.
11	Development of Minor Forest produce (Medicinal plants)	0.35	..	3.50	..	Indian Council of Agricultural Research and Council of Scientific Research have laid great stress on the early implementation of the Scheme. 4 Centres will be established under this Scheme.
12	Development of Timber operations and Forest utilisation (Timber operations)	6.80	..	50.00	..	The Scheme envisages utilisation of forest products most effectively and reducing extraction cost. 70 lakhs Cft. are proposed for conversion and extraction under the Scheme.
13	Development of Timber operations and Forest utilisation (Establishment Tin fabricating plant)	..	..	1.00	..	One Tin fabricating plant is proposed to be set up under the Scheme to save avoidable cost on purchase of tins and to ensure timely supplies.
14	Forest Research	0.40	..	1.99	..	Two research centres are proposed to be set up under the Scheme for undertaking Plans on correct lines.
15	Development of Forest Communications construction of logging extraction and Inspection Roads and Paths	8.00	..	37.55	..	150 miles for construction of logging and construction of roads and 200 inspection paths are proposed to be done under this Scheme implementation of which is linked with the implementation of Scheme No. 12.
16	Construction of buildings (for subordinates)	0.80	..	4.00	..	About 80 residential buildings are proposed to be constructed under the scheme for the subordinate Staff.



Head.—Forest

(Rs in lacks)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
17	Forest Protection (Trans Receivers and Fire Fighting equipment)	..	..	1.10	..	One firefighting unit will be set up under the scheme and its implementation is essentially linked with the protective aspect of other schemes.
18	Development of Forest Information and education Unit	0.60	..	2.50	..	One forest information and education unit is proposed to be set up to educate the public for protection of forests.
19	Staff amenities and Labour Welfare	..	..	1.00	..	One mobile dispensary and 20 water-supply units are proposed to be set up under the scheme and its implementation is linked with the implementation of other schemes.
20	Forestry scheme (Headquarters office staff)	..	..	2.55	..	This Scheme is essential to ensure that the various schemes are properly supervised and expenditure controlled.
21	Training in Forestry	..	3.22	7.31	..	About 800 men including officers and officials are proposed for training in special subjects under the scheme for successful implementation of the forest schemes.
22	Wild Life development in the State	..	0.60	4.00	..	The Scheme deals with the establishment of 1 wild life sanctuary, one Mobile squad and one wild life publicity unit for the development of Wild Life in the forests.
Total Forestry Group		..	44.01	0.30	278.00	18.00
SOIL CONSERVATION GROUP (FOREST DEPARTMENT)						
23	Survey and land use planning in Siwaliks and adjoining tracts	0.80	..	3.00	..	The implementation of the soil conservation schemes in Shiwaliks Region is directly based on this scheme. 2,000 square miles of aerial survey and 500 square miles of ground survey will be done under the scheme
24	Reclamation of water-logged Saline and Alkaline-soil	..	..	2.50	..	It is envisaged that this scheme will help in reducing water-logging. 500 acres will be reclaimed and afforested under the Scheme.

25	Soil Conservation in water-sheds for flood control	2.40	..	15.30	..	Under this scheme 3,000 acres for contour bunding and water terracing, 5,000 acres for afforestation and 2,000 acres for pasture development will be utilized for flood control.
26	Soil Conservation works in Desert areas	1.93	..	11.29	..	Under this scheme measures for controlling wind erosion will be taken in 750 acres for afforestation, 250 acres for pasture development, 800 row miles for wind-breaks in Government and private lands.
27	Soil Conservation Works in waste lands	0.50	..	2.50	..	Afforestation and check damming in 1,500 acres will
28	Soil Conservation Research and Demonstration					be done under the Scheme.
	(i) Research	0.25	..	1.50	..	(1) Two Research stations will be opened under the Scheme for soil and water conservation.
	(ii) Demonstration	0.70	..	4.50	..	(2) Two demonstration centres are proposed to be set up under this Scheme which is very essential for the implementation of soil conservation schemes.
29	Treatment of chos in Hoshiarpur and Ambala Districts with the help of tree protection belts	0.80	..	12.50	..	Under this scheme work on 250 miles is proposed to be taken to prevent damages from Chos in Hoshiarpur and Ambala Districts.
30	Soil Conservation (Staff for headquarters offices)	..	..	5.55	..	This Scheme is essential for adequately supervising progress of the Soil conservation operations.
31	Training in Soil Conservation	4.15	..	14.36	..	Under this scheme 21 officers, 71 Forest Rangers and 820 other field staff are proposed to be trained in Soil Conservation Work.
	Total Soil Conservation group (Forest Deptt.)	11.53	..	73.00		
32	Thur Reclamation (Irrigation)	8.00	8.00	70.00	70.00	Envisages reclamation of thur lands in the State.
33	Land use Soil Survey	0.25	..	4.00	..	Envisages classification of the soils into different land uses classes before undertaking soil conservation measures.
34	Land use Planning	..	..	2.80	..	A research-cum-observation Scheme. Aims at observing changes in land use practices in certain areas.
35	Soil Conservation demonstration (Dry Farming Centres) Agricultural lands	..	..	10.00	..	Envisages establishment of Soil Conservation Projects in certain districts and demonstration projects so as to educate farmers in conserving soil and moisture.
36	Soil Conservation works, Contour Bunding and Dry Farming on agricultural lands	1.75	..	25.20	..	Aims at carrying out contour bunding works over extensive arid areas to conserve moisture and carrying out dry farming practices for increasing food production.
37	Dry Farming	..	..	4.00	..	Aims at carrying out dry farming practices in banded areas so as to increase crop production.
	Total Soil Conservation Schemes of Irrigation and Agriculture Departments	10.00	8.00	116.00	70.00	

Head.—Fisheries

(Rs in lacks)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
1	Scheme for the Development of fish in Bhakra Reservoir	2.21	0.56	20.00	1.98	Development of Gobind Sagar (lake) for production of fishery is envisaged. 1,000 mds., of fish production will start in the fourth year rising to 25,000 mds., annually in the Fourth Plan Period.
2	Scheme for fish culture in Chandigarh Lake ..	0.91	0.30	3.48	0.97	Envisages establishment of a fish seed farm near the escape channel of the lake for the supply of 20 to 25 mds., of fresh fish to the residents of Chandigarh during the last three years.
3	Scheme for intensifying stocking with fish seed ; a large number of impounded waters in the State	1.08	0.21	8.37	0.63	This is an expansion scheme from the previous two plans and aims at intensifying the stocking programme and to put an additional 1,000 acres of water under pisci-culture. It will result in increased fish production of 4,500 mds., by the end of the Third Plan.
4	Scheme for the establishment of fish seed farms	1.11	0.42	5.76	1.37	In order to ensure the continuous supply of fish seeds, the scheme envisages setting up of 10 fish seed farms—four in hilly areas and six in Plains—covering a total area of 50 acres
5	Scheme for the Training of Fisheries personnel	0.11	..	0.74	..	The scheme envisages training of five senior officers and twenty Junior officers in Inland fisheries and also at the central Fisheries Institute to help implementing the various fisheries schemes efficiently and successfully.
6	Scheme for the appointment of additional ministerial staff for the fisheries section in the Headquarters office	0.11	..	0.58	..	This is a staff scheme for strengthening the Headquarters office.
7	Scheme for the survey of culturable waters and spawning grounds in the State	0.65	0.30	2.02	0.30	Undertaking of survey in 16 districts of the State so as to collect data of culturable waters and breeding grounds of culturable species of fish for fisheries development.
8	Scheme for the Establishment Research—Station-cum-aquarium and museum at Chandigarh	0.35	0.10	4.04	2.35	It envisages the establishment of a Research station-cum-museum at Chandigarh. Besides a quarium will also be established.
Total		6.53	1.89	45.00	7.60	

Head.—Community Development

(Rs. in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of Schemes
		Total	Capital	Total	Capital	
		3	4	5	6	
1	Community Development	270.00	80.53	1230.00	362.68	This is a well known national programme under which 153 N. E. S., Blocks will have been opened in this State by the end of the Second Plan. During the Third Plan 75 new N. E. S. Blocks will be opened making a total of 228 Blocks. These blocks will cover the entire State.

Head .—Co-operation and Warehousing

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the Scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
GROUP No. 1—CO-OPERATION AND WAREHOUSING						
1	Establishment and Strengthening of Service Co-operatives	0.95	..	15.00	..	Organisation of 1,160 new service co-operatives and revitalisation 8,870 existing credit societies so as to serve as Service Co-operative
2	Construction of Rural Godowns by primary Co-operatives	15.00	11.25	53.00	39.75	To facilitate the programme of service co-operatives establishment of 530 rural Godowns at central places costing Rs 10,000 each is envisaged
3	Reorganisation and Revitalisation of Rural Credit Societies	10.70	..	43.50	..	In order to effect improvement in the working of 2,500 credit societies. Subsidy of Rs 900 per society will be given for employing a Secretary each
4	Provision of Long-Term Credit through Land Mortgage Bank	0.17	..	3.50	..	Provision of Subsidy to the land mortgage banks to employ experienced working staff to cope with the programme of giving credit facilities of Rs 300 lakhs
5	State Agricultural Credit (Relief and Guarantee Fund)	..	..	2.00	..	Increase in the fund from Rs 2.50 lakhs to Rs 4.50 lakhs for assisting the co-operative institutions in writing off irrecoverable debts
6	Development of Co-operative Labour and Construction Societies	0.50	..	4.00	..	In order to withstand strong and unhealthy competition from contractors, 200 Societies will be formed which will be given Rs 2,200 per society as subsidy to meet the managerial expenses, etc.
7	Creation of Special Bad Debt Reserves for Primary Credit Societies and Central Co-operative Banks	..	..	66.00	..	In order to bring about expansion of credit facilities to the weaker sections of the community, assistance to credit societies creating bad debt reserve is envisaged
8	Assistance to Central Co-operative Banks	0.40	..	3.20	..	Giving managerial subsidy to 16 existing banks and for the expansion of these branches
9	Development and Establishment of Rickshaw Pullers Co-operatives	..	..	2.00	2.00	Organization of 25 Rickshaw Pullers Societies and giving of loan of Rs 0.08 lakhs per Society on easy terms
10	Provision of study Tours of Officers and non-official Co-operators	0.20	..	1.00	..	Officers of Co-operative Department will proceed on study tour accompanied by unofficial co-operators in order to gain knowledge of new Co-operative activities being implemented outside the State
11	Replenishment of Libraries	..	0.10	0.50	..	Self-explanatory
12	Technical staff for the office of Registrars, Co-operative Societies, Punjab	..	..	1.00	..	Ditto

13	Strengthening of the office of Registrar, Co-operative Societies, Punjab	0.25	..	3.60	..	Ditto
14	Provision of Additional posts of Assistant Registrars, Co-operative Societies on General duty	0.44	..	2.50	..	Provision of 12 additional posts of Assistant Registrars on general duty for ensuring effective control over the expanded work relating to Co-operative Societies
15	Strengthening of Co-operative Audit Staff ..	0.57	..	7.30	..	Self-explanatory
16	Creation of the posts of Information Officer in the office of Registrar, Co-operative Societies, Punjab	0.06	..	0.35	..	Ditto
17	Strengthening of Co-operative Women Staff ..	..	0.55	3.50	..	Appointment of one Lady Assistant Registrar, 7 Inspectresses, and 28 Sub-Inspectresses to cope with expanded work
18	Grant of Subsidy to Punjab Co-operative Union	..	0.40	2.00	..	Subsidy for doing publicity and propaganda work on a proper level
19	Establishment of Ware-houses by the Punjab State Warehousing Corporation	5.00	5.13	26.00	25.00	Setting up of 10 additional warehouses in order to provide more Storage facilities for the agricultural produce
Total of Group No. 1		16.25	54.87	239.95	66.75	
GROUP NO. II—MARKETING FARMING AND TRAINING						
20	Development and Strengthening of Co-operative Marketing and Marketing-cum-Processing Societies	13.43	11.01	72.84	57.81	Organisation of 15 new Co-operative Marketing Societies at the Mandi Centres where no such Societies exist and strengthening of 40 existing Marketing Societies
21	Assistance to Apex Marketing Federation ..	..	..	3.50	3.25	Self-explanatory
22	Assistance to Co-operative Consumers' Stores	0.34	0.25	2.00	1.25	Setting up of 50 stores at important towns of the State and grant of managerial subsidy to them to ensure good start
23	Establishment and Revitalisation of Co-operative Farming Societies	5.83	3.90	32.55	19.50	Establishment of 200 Co-operative Farming Societies giving assistance to enable them to work efficiently from the start
24	Training of Co-operative Farming personnel ..	1.20	..	9.20	..	Establishment of four training institutes for training and education of Co-operative Farming personnel who will also be given stipend of Rs 30 per mensem
25	Continuance of the three existing Co-operative Institutes, for Junior personnel	2.30	..	13.50	..	Self-explanatory
26	Education and Training for the non-official personnel of the Co-operative Movement through Punjab Co-operative Union	3.40	..	17.00	..	Imparting training to the members of the Union and co-operative societies through 75 educational centres
27	Development of Kuhl Irrigation Societies in Kangra District	0.44	..	1.76	..	Grant of financial assistance of Rs 4,000 to each of the 44 Co-operative Societies is envisaged to enable them to efficiently run the Kuhls, and maintenance
28	Establishment of Co-operative Cold Storage ..	1.13	1.00	22.70	22.00	Opening of three more Cold storages and to expanding the capacity of existing 10 Cold storages
29	Setting up of Co-operative Sugar Factories ..	10.00	10.00	35.00	35.00	Establishment of three additional Co-operative Sugar Mills in the cane-producing areas is envisaged
Total Group No. II		38.07	26.16	210.05	138.81	
Grand Total		73.06	42.41	450.00	205.56	

Head .—Panchayats

(Rs in lakhs)

Serial No.	Name of Scheme	1961-62		1961—66		Brief description of the Scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
1	Financial assistance to Panchayats for expenditure on revenue earning schemes	6.00	5.80	51.35	50.00	Envisages advance of interest-free loan on easy terms to about 1,000 more Panchayats to enable them to develop their sources of recurring income
2	Construction of Panchayatghar at Chandigarh	2.10	..	2.75	..	The Scheme provides for the construction on matching expenditure basis of a Panchayatghar at the State Capital Chandigarh to cater as a Centre of activity of Panchayats in the State
3	Construction of offices for Block Samities ..	4.00	..	30.00	..	Construction of 100 offices for the Block Samities by extending the existing Block Office Buildings
4	Training of Panches and Panchayat Secretaries—					
	(a) Training of Panchayat Secretaries ..	2.39	..	9.00	..	Provides for the training of Panchayat Secretaries, youth leaders etc. the three Divisional Level Institutions and training of Panches and Sarpanches at 16 District Level Training Institutions to be set up
	(b) District Institutes for training of Sarpanches, Panches, etc.	0.95	..	10.50	..	
	(c) Training Reserve ..	0.64	..	6.50	..	
	(d) Production of literature for non-officials..	2.26	..	1.30	..	
	(e) Samelans for non-Officials ..	0.20	..	1.00	..	
	Total ..	16.54	5.80	112.40	50.00	

Head.—Re-settlement of landless Agricultural Works

(Rs in lakhs)

Serial No.	Name of Scheme	1961-62		1961—66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
1	Resettlement of Landless Agricultural Workers	42.50	32.50	85.00	65.00	Taking one man as one unit for resettlement purposes and one standard acre as one unit for utilisation of surplus area in all 40,000 landless persons will be resettled on an area of 2,00,000 standard acres by allowing a subsidy of Rs 100 and loan of Rs 1,000 per family
2	Settlement of Harijans	1.50	1.50	15.00	9.00	In all 12,500 persons (Harijans) will be settled on 1,25,000 acres of land; each family getting 10 acres of land. This will indirectly step up food production
	Total	44.00	34.00	100.00	74.00	

Head.—Multipurpose Project

(Rs in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the Scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
I. IRRIGATION PORTION						
1	Bhakra-Nangal Project	202.00	202.00	354.00	354.00	Spillover of the mighty multipurpose project which was started prior to the 1st Five-Year Plan to rehabilitate the crippled economy of the State. The work on this Rs 170 crores Project comprises of a Power Plant and a 740 feet high Dam with a storage capacity of 74 M.A.F.
2	Beas Project					
(i)	Unit I, Sutlej - Beas Link	50.00	50.00	500.00	500.00	This project is being undertaken for harnessing the water and Power resources of River Beas by means of storage and diversion works. It will provide transference of Beas waters into Bhakra lake. A minimum flow of 7,500 Cs. will be available for 7-8 months. It will also increase the power potential at Bhakra by 58 M.W. It envisages the construction of a storage Dam on River Beas to catch up the Monsoon flow and release regulated supplies. This will be 325 feet high earth and rock fill Dam. The Project will provide irrigation benefits to the extent of 0.73 million acres besides 150 M.W. of power (installed capacity)
(ii)	Unit II, Dam at Pong on River Beas	42.00	42.00	700.00	700.00	
	Total Irrigation Portion	294.00	294.00	1554.00	1554.00	
II. ELECTRICITY PORTION						
1	Bhakra-Nangal Left Bank (66 kV. and above)	400.00	400.00	718.00	718.00	It aims at construction of Power House on the Left Bank of river Sutlej with 5 generating units each of 90,000 kW. installed capacity (53,000 firm)
2	Bhakra Right Bank Project	140.00	140.00	1874.00	1874.00	It envisages construction of Power House on the Right Bank of River Sutlej, with 4 generating units each with installed capacity of 120 M.W. (70 M.W. firm) and erection of 13 Nos. grid Substation

3	Beas Project— (a) Dehar Power House, (b) Pong Power House	80.00	80.00	900.00	900.00	A Power House will be constructed at Dehar on Sutlej-Beas Link. It will make available a firm power of about 600 M.W. at 100 per cent L.F. A Power House will be constructed at Pong on River Beas with only one power house with a firm capacity of about 200 M.W. at 60 per cent L.F.
4	Investigation of New Project	1.00	1.00	50.00	50.00	<i>Ad hoc</i> provision for undertaking investigation of new power projects to be undertaken in the subsequent plan periods
	Total Electricity Portion	621.00	621.00	3542.00	3542.00	
	Total Irrigation and Electricity Portion	915.00	915.00	5096.00	5096.00	

Head.—Major and Medium Irrigation Project

(Rs in lakh)

Serial No.	Name of Scheme	1961-62		1961—66		Brief Description of schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
MAJOR IRRIGATION PROJECT						
1	Sirhind Feeder Project	6.91	6.91	10.00	10.00	This Project aims at irrigation of 1.7 million acres from Sutlej River by linking up with Ravi and Beas Rivers
2	Western Jumna Canal Remodelling and Extension Projects—					
	(a) Gurgaon Canal Project	35.10	35.10	150.00	150.00	The Project comprises of taking off a Branch Canal from the Agra Canal of the U.P. State for providing irrigation to Gurgaon District. It will cover a CCA of 5,34,663 acres. The annual irrigation on full development is expected to be 2,291,191 acres. This scheme envisages converting non-perennial areas on Western Jumna Canal into perennial ones for improving water allowances. There will be additional coverage of 8,89,917 acres in CCA, and an improvement on water allowance on CCA 1,071,994 acres
	(b) Western Jumna Canal Remodelling	62.27	62.27	150.00	150.00	
	(c) Western Jumna Canal Feeder (Sirsa-Munik Link)	20.01	20.01	155.00	155.00	
	(d) Extension of Irrigation (Lift) from Western Jumna Canal to Rewari and adjacent areas	9.73	9.73	50.00	50.00	
	Total Major Schemes	134.02	134.02	515.00	515.00	

MEDIUM PROJECTS

1	Madhopur-Beas Link	..	10.15	10.15	10.00	10.00	It aims at diverting surplus Ravi water to feed Rajasthan and Bikaner Canals
2	Extension of Non-perennial Irrigation	..	4.00	4.00	20.00	20.00	This Project envisages additional irrigation of Upper Bari Doab Canal area by withdrawing water surplus to Pakistan. It will form a part of the Upper Bari Doab Canal system
3	Spillover Projects	..	3.00	3.00	5.00	5.00	Spillover schemes to finally complete the work started in 2nd Plan
4	Investigation, Planning and Research Schemes—						
	(a) Investigation of Projects	..	5.10	5.10	30.00	30.00	These schemes aim at investigation of water resources to be harnessed for irrigation
	(b) Planning Cell in Head Office	..	—	—	5.00	5.00	
	(c) Research Schemes	..	0.24	0.24	20.00	20.00	
5	Utilization of Sutlej water released by the construction of Sirhind Feeder	..	1.00	1.00	30.00	30.00	The surplus Sutlej water will be utilised in extending irrigation in erstwhile Pepsu
6	Remodelling of Harike Headworks	..	1.01	1.01	15.00	15.00	Spillover scheme to finally complete the work started in the First Plan
Total Medium Projects		..	24.50	24.50	135.00	135.00	
GRAND TOTAL MAJOR AND MEDIUM IRRIGATION			158.52	158.52	650.00	650.00	

Head.—Flood Control and Anti-waterlogging

(Rupees in Lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of the schemes	
		Total	Capital	Total	Capital		
1	2	3	4	5	6	7	
I. UPPER BARI DOAB CANAL TRACT							
<i>Continuing Schemes—</i>							
<i>(a) Flood Protection Works</i>							
1	Flood Protection works along river Ravi ..	6.20	6.20	13.98	13.98	Under the schemes regarding flood protection work in the whole tract, embankments will be constructed to obviate losses in revenue, foodgrains, property and lives due to havoc caused by floods. The flood protection work for villages in this tract will be along river Ravi	
<i>(b) Surface Drains</i>							
2	Surface drains in Upper Bari Doab Canal Tract	17.38	17.38	118.96	118.96		
3	Tributary drains in Upper Bari Doab Canal Tract	7.20	7.20	29.15	29.15	The drainage Schemes in this tract involve construction of a number of drains, 402 miles long in the catchment lines between rivers Ravi and Beas measure 1,225 sq. miles. It will save the tract from flooding and will increase crop production	
<i>New Schemes</i>							
<i>(a) Flood Protection works</i>							
4	Flood protection works along river Ravi ..	1.64	1.64	23.04	23.04		
5	Protection works for villages along river Ravi ..	..	..	5.00	5.00	
<i>(b) Surface Drains</i>							
6	Surface drain in Upper Bari Doab Canal Tract	1.00	1.00	53.96	53.96		
7	Enlarging capacity of Drains in Upper Bari Doab Canal Tract	..	..	9.51	9.51	
8	Tributary drains in Upper Bari Doab Canal Tract	..	..	4.50	4.50	

II. BIST DOAB TRACT

Continuing Schemes—

(a) Flood protection works

9	Flood Protection works along river Beas ..	7.82	7.82	12.56	12.56	Under the schemes regarding flood protection works in the whole tract embankments will be constructed to obviate losses in revenue, foodgrains, property and lives due to havoc caused by floods. The Flood protection work for villages in this tract will be along river Beas
10	Controlling and Training Choes and Nallas in Bist Doab Tract	2.08	2.08	8.17	8.17	

(b) Surface Drains

11	Surface Drain in Bist Doab Tract ..	1.47	1.47	5.29	5.29	The drainage schemes in the whole tract involve construction of a number of drains. It will save the tract from flooding and will increase crop production
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New Schemes—

(a) Flood Protection works

12	Flood Protection works along river Beas ..	1.00	1.00	12.80	12.80
13	Protection works for villages along river Beas	1.00	1.00	5.00	5.00
14	Controlling and Training Choes and Nallas in Bist Doab Tract	1.74	1.74	41.64	41.64

(b) Surface Drains

15	Surface Drain in Bist Doab Tract ..	2.00	2.00	53.04	53.04
16	Enlarging capacity of drains in Bist Doab Tract ..	..	..	4.33	4.33
17	Tributary drains in Bist Doab Tract ..	..	..	6.00	6.00

III. FEROPZEPURE AND SIRHIND CANAL TRACT

Continuing Schemes—

(a) Flood Protection works

18	Flood protection works along river Sutlej ...	2.30	2.30	2.30	2.30	Under the schemes regarding flood protection work in the whole tract embankments will be constructed to obviate losses in revenue, foodgrains, property and lives due to havoc caused by floods. The flood protection work for villages in this tract will be along river Sutlej
19	Surface drain in Ferozepur and Sirhind Canal Tract	22.52	22.52	131.09	131.09	

(b) Surface Drains

Head.—Flood Control and Anti-waterlogging—contd

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
III. FEROEZPURA AND SIRHIND CANAL TRACT—concl						
<i>New Schemes—</i>						
<i>(a) Flood Protection works</i>						
20	Flood protection works along river Sutlej	..	..	10.00	10.00	The drainage schemes in the whole tract involve construction of a 667 miles long in the catchment lines between rivers Sutlej and Lisara Nallah measuring 2,627 sq. miles. It will save the tract from flooding and will increase crop production
21	Protection works for villages along river Sutlej	1.00	1.00	5.00	5.00	
<i>(b) Surface drains</i>						
22	Surface drains in Ferozepur and Sirhind Canal Tracts	2.06	2.06	99.47	99.47	
23	Enlarging capacity of drain in Ferozepure and Sirhind Canal Tract	..	..	9.38	9.38	
24	Tributary drains in Ferozepure and Sirhind Canal Tract	..	..	7.50	7.50	
IV. GHAGGAR TRACT						
<i>Continuing Schemes—</i>						
<i>(a) Flood Protection Works</i>						
25	Flood Protection Works in Ghaggar Tract	1.55	1.55	1.55	1.55	Under the schemes regarding flood protection works in the whole tract, embankments will be constructed to obviate losses in revenue, foodgrains, property and lives due to havoc caused by floods. The flood protection work for villages in this tract will be in Ghaggar Tract
<i>(b) Surface drains</i>						
26	Surface drain in Ghaggar Tract	20.54	20.54	62.78	62.78	

New Schemes—

(a) Flood Protection Works

27	Flood Protection Works in Ghaggar Tract	1.00	1.00	The drainage schemes in this tract involve construction of a number of drains, 227 miles long in the catchment lines between Lissara Nallah and Saraswati Nadi measuring 1,440 Sq. miles. It will save the tract from flooding and will increase crop production
28	Flood Protection Works for villages in Ghaggar Tract	1.00	1.00	5.00	5.00	
29	Controlling and Training Choes and Nallas in Ghaggar Tract	1.00	1.00	14.82	14.82	

(b) Surface drains

30	Surface drains in Ghaggar Tract	..	5.17	5.17	115.48	115.48	
31	Enlarging capacity of drains in Ghaggar Tract	..	..	..	9.92	9.92
32	Tributary drains in Ghaggar Tract	6.00	6.00	Under the schemes regarding flood protection work, in the whole tract, embankments will be constructed to obviate losses in revenue, foodgrains, property and lives due to havoc caused by floods. The flood protection work for villages in this tract will be along river Jumna

V. WESTERN JUMNA CANAL TRACT

Continuing Schemes—

(a) Flood Protection Works

33	Protection Works for villages along Jumna River	1.94	1.94	1.94	1.94	The drainage schemes in the whole tract involve construction of a number of drains 424 miles long in the catchment lines between rivers Saraswati and Jamuna measuring 2,173 sq. miles. It will save the tract from flooding and will increase crop production
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(b) Surface drains

34	Surface drains in Western Jumna Canal Tract	21.01	21.01	44.00	44.00
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New Schemes—

(a) Flood Protection Works

35	Protection works for villages along river Jumna	2.50	2.50
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(b) Surface drains

36	Surface drains in Western Jumna Canal Tract	26.00	26.00	135.09	135.09
37	Enlarging capacity of drains in Western Jumna Canal Tract	6.82	6.82	47.60	47.60
38	Tributary drains in Western Jumna Canal Tracts	..	..	12.15	12.15

Head.—Flood Control and Anti-water logging—concd

(Rupees in Lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of the schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
VI. OTHER SCHEMES						
<i>(New)</i>						
39	Investigation of Drainage schemes	3.00	3.00	15.00	15.00	The object is to investigate schemes for execution in the subsequent Plan periods
40	Research and observation by D. I. P. and H. Institute in connection with floods	2.12	2.12	11.50	11.50	
41	Constructing Ghaggar Dam	2.00	2.00	50.00	50.00	As a part of anti-flood measure this project aims at storing the water of river Ghaggar and utilising the same for irrigation and drinking purposes. The ravages of this river will be mitigated
Total Flood Control		170.56	170.56	1208.00	1208.00	
ANTI-WATERLOGGING						
<i>Continuing schemes</i>						
1	Pilot Anti-waterlogging-cum-pumping scheme	60.44	60.44	122.00	122.00	Provision of deep minor seepage drains in the area outfalling into a main drain which will carry the water to a nearby canal. It provides for 7 pilot schemes involving 14 miles lining of main canals and 2½ miles lining of distributaries and 20 miles lining of water courses besides installation of 173 shallow tube-wells
<i>New schemes</i>						
2	Seepage drains in anti-water logged area	8.00	8.00	50.00	50.00	
3	Lining of main canal Branches	11.63	11.63	106.00	106.00	This aims at stopping water absorption into the sub-soil through the unlined Main Canal and Branches. It will cover lining operation on 27 miles Main Canal
4	Deep discharge tube-wells in water-logged areas	1.00	1.00	5.00	5.00	
5	Investigation of anti-waterlogging scheme	5.00	5.00	10.00	10.00	It aims at carrying out survey for the preparation of reclamation and anti-waterlogging schemes
Total Anti-waterlogging schemes		86.07	86.07	293.00	293.00	
GRAND TOTAL FLOOD CONTROL AND ANTI-WATERLOGGING		256.63	256.63	1501.00	1501.00	

Head .--Power Projects

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
1	Extension of Uhl River Hydro Electric Scheme	40.00	40.00	572.00	572.00	A Power House with an installed capacity of 40 MW will be set up to utilise tail water from Joginder Nagar Power House.
2	Power-House on Upper Bari Doab Canal and Western Jamuna Canal	10.00	10.00	450.00	450.00	Three Power Houses will be set up with a firm capacity of 22 MW besides the installation of transmission lines linking these Power Houses with the Uhl River Hydro-Electric Grid
3	Thermal Plant	10.00	10.00	500.00	500.00	One Steam propelled Thermal Unit with a capacity of 50 MW will be set up at Delhi
4	Diesel Generating Sets	40.00	40.00	200.00	200.00	Small generating sets with total capacity of about 25 MW will be installed at various industrial centres in the State
5	Distribution Project under Bhakra-Nangal Project	320.00	320.00	1197.38	1197.38	This covers works to be under taken for the distribution of power in rural/urban areas to be served by Uhl River Hydro-Electric Scheme
6	Distribution Project under Uhl River Hydro-Electric Scheme	100.00	100.00	302.62	302.62	It provides for distribution works including sub-transmission (33 DW below) for urban and rural electrification
	Total	520.00	520.00	3222.00	3,222.00	

Head.—Industries and Minerals including Small Industries

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
I.—DEVELOPMENT OF LARGE AND MEDIUM INDUSTRIES IN THE PUNJAB						
1	Participation in the establishment of Industries, i.e., Cement, Newsprint and re-organisation of Nangal Workshop	..	..	322.10	322.10	Envisages establishment of a Cement Factory in Kangra District, a Newsprint Factory and re-organisation of Nangal Workshop
	Total I	..	..	322.10	322.10	
II.—DEVELOPMENT OF MINES AND MINERAL IN THE PUNJAB						
2	Development of mines and minerals in the Punjab. (New)	1.75	0.75	8.50	3.00	A small nucleus staff with necessary equipment for survey and trial mining, construction of link roads from existing highways to mining areas and advancing loans to mining lessees
3	Development of mines and minerals in the Punjab. (Spillover)	1.50	1.50	1.50	1.50	Ditto
	Total II	..	3.25	2.25	10.00	4.50

III. SMALL-SCALE INDUSTRIES

4	Expansion of existing Quality Marking Centres and establishment of New Centres	4.09	1.15	22.46	4.46	Expansion programme involving registration of 2,000 Units and marketing of goods worth Rs 200.00 lakhs
5	Industrial Development Centres—					
	(i) Urban ..	4.79	3.70	25.56	11.80	Envisages setting up of seven urban and 72 rural development centres
	(ii) Rural ..	5.95	..	65.73	..	
6	Industrial Survey of the State ..	1.00	..	5.00	..	Industrial survey of Punjab will be carried out through the agency of Institutes specialized in the line
7	Credit facilities for the development of Small-scale Industries including Industrial Co-operatives	73.51	71.00	339.30	325.00	Among other things the scheme envisages extension of credit facilities to the small-scale industries through the Punjab Financial Corporation to the extent of Rs 45.00 lakhs Industrial Co-operative Bank Rs 60.00 lakhs and of Rs 200.00 lakhs under the State Aid to Industries Act
8	Grant of subsidies ..	0.80	..	5.00	..	Subsidies will be given for conducting research and purchasing machinery for the revival of old Industries and their development on modern lines and assisting educated young men and women with a view to inducing them to settle in industry
9	Additional staff for the headquarters office and offices of District Industries Officers	8.00	..	52.00	..	Self-explanatory
10	Appointment of Block Level Extension Officers (Industries)	0.52	..	10.47	..	All the 66 new N. E. S. Blocks to be opened during the 3rd Plan period will be provided Block Level Extension Officers (Industries) for efficiently implementing the rural industrialisation programme in Block Areas
11	Industrial Estates and Colonies—					Establishment of 82 new Industrial Estates (72 in the Rural Areas and 10 in Urban Areas) and 13 Industrial Development Areas on the model of Industrial Areas
	(i) Urban ..	18.13	16.00	155.00	142.00	
	(ii) Rural ..	12.00	12.00	80.00	80.00	
12	Industrial Estates and Colonies (Spillover) ..	10.00	10.00	10.00	10.00	
13	Punjab Industrial Marketing and Development Corporation	7.00	..	40.00	..	Setting up of a statutory corporation with a paid-up capital of Rs 40.00, lakhs to supply machinery and raw material to small-scale industries, and to purchase standardised products for selling to the Government and other large consumers

Head.—III—Industries and Minerals including Small Industries

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
<i>III—SMALL-SCALE INDUSTRIES—concld</i>						
14	Provision of Study Tours of Artisan-Members of Industrial Co-operatives	0.20	..	1.00	..	1,000 selected member-artisans of Industrial Co-operatives will be sent on study tours to improve their knowledge of modern techniques of industrial production.
15	Development of Small-scale Industries through Co-operatives	7.68	..	45.00	..	Envisages subsidising the cost of managerial staff of 1,045 newly-established Industrial Co-operatives for establishing them on a sound footing.
16	Scheme for subsidising propaganda and publicity activities of Industrial Co-operatives	0.10	..	0.50	..	Self-explanatory.
17	Strengthening of Punjab State Industrial Co-operative Federation	0.08	..	0.29	..	The cost of managerial staff at headquarters of the Punjab Industrial Co-operative Federation will be subsidised for a period of five years.
18	Government participation in share capital of Punjab State Industrial Co-operatives Federation	0.50	0.50	1.00	1.00	Self-explanatory.
19	Strengthening of organisational and supervisory staff for Industrial Co-operatives	3.14	..	20.00	..	For the efficient organisation and supervision of Industrial Co-operatives adequate staff both at headquarters and in the field will be provided.
20	Provision for educational and Training Units for the members of Industrial Co-operatives	0.17	..	0.83	..	Self-explanatory.
21	Training of Rural Artisans—Opening of Centres	6.62	..	42.00	..	Setting up of 18 Cluster type Training Institutes with four Sections/Crafts—one in each district.
22	Development of Government Hosiery and Dyeing and Calico Printing Institute, Ludhiana	1.95	1.67	5.00	3.48	Amalgamation of the two Institutions and improving the standard of training by providing additional staff, equipment, machinery and building.

23	Development of Surgical Instrument Centre and Development Laboratory by introducing specialized trades	1.98	1.90	11.65	8.23	Addition of 128 seats to introduce Heat Treatment, Machine Shop practice, Die sinking and Electroplating in the existing Institute.
24	Development of Woodworking Institute, Jullundur	0.45	0.40	2.15	1.50	Construction of a hostel for 60 students and extension of the existing six months teachers training course to one year besides increasing the annual in-take from 12 to 25 is envisaged.
25	Development of Government Industrial School Rewari and conversion into Training Institute (Footwear Section)	..	..	2.00	1.80	Introduction of the N. C. S. Course in Foot wear with a seating capacity of 30 students.
26	Development of seven existing Government Industrial Schools for Boys and their conversion into Government Training Institute at Hoshiarpur, Rohtak, Hissar, Panipat, Kulu, Ambala and Ludhiana	1.09	1.00	10.00	2.66	Introduction of Vocational Trades viz., Powerloom Weaving, Tailoring, Dyeing and Calico Printing, etc., in the existing six schools and the school at Ludhiana re-organised involving an increase of 400 seats.
27	Construction of School and Hostel Buildings for proposed Training Institutes at Hoshiarpur, Hissar, Kulu and Panipat	1.11	1.11	6.70	6.70	Self-explanatory.
28	Common Service Facilities Centre for Tea Industry in Kangra District	..	..	6.00	4.63	A Common Service Facility Centre to help 2,500 planters owning 10,000 acres of tea estates in processing tea on scientific lines.
29	Wood Seasoning Plant, Kartarpur (Spillover)	2.35	2.00	3.32	2.00	Self-explanatory
30	Development and Testing Centre for Sound Products, Jullundur (Spillover)	1.24	1.09	1.86	1.09	Technical assistance to the Small-scale Industrial Units engaged in the manufacture of sound products will be provided.
31	Provision of Raw Material and Marketing Facilities (Spillover)	0.43	..	0.95	..	Grant of subsidy for three years to those institutions which received managerial subsidy during Second Plan.
Total III		..	174.88	123.52	970.77	606.35

IV—HANDLOOM

32	Participation in the share capital structure of Apex	0.10	0.10	0.50	0.50	Participation of State Government up to 51 per cent of the paid-up share capital in the share capital structure of the Apex Weavers Co-operative Society.
33	Loans to purchase shares to primary Societies	0.20	0.20	1.00	1.00	3,000 weavers will be assisted to organise themselves into Co-operative Societies.
34	Managerial subsidy to Co-operative Societies	2.00	..	5.00	..	Subsidy for employing managerial staff to dormant existing and new Co-operative Societies and the Apex Co-operative Society.

Head.—III—Industries and Minerals including Small Industries

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
<i>IV—HANDLOOM—concl</i>						
35	Rebate on the sale of handloom cloth ..	2.00	..	6.00	..	Cloth measuring 3,700 thousand yards will be sold on a rebate of 5 nP. per rupee.
36	Establishment of Inter-State Sales Depots (Calcutta and Srinagar)	0.30	..	0.70	..	Financial assistance to the Punjab Handloom Weavers Apex Co-operative Society to set up sale depots in other States and to effect quick and easy disposal of Rs 25 lakh worth handloom goods of Punjab, will be provided.
37	Establishment of Sales Depots for Handloom Cloth (Spill-over)	0.27	..	0.47	..	Self-explanatory.
38	Training in Salesmanship (Spillover) ..	0.06	..	0.06	..	Self-explanatory.
39	Credit facilities to Handloom Weavers Co-operative Societies, subsidising rate of interest of R. B. I. Loans	0.12	..	0.60	..	Giving of subsidy to 750 Societies on the rate of interest on loans advanced by R. B. I. to the extent of 2½ per cent.
40	Setting up of Weavers Colonies, Hoshiarpur, Karnal, Kangra and Jullundur	..	..	5.76	3.84	Giving of financial assistance for the construction of 160 houses for the weavers.
41	Setting up of experimental weaving centres as parts of the Housing Colony	..	..	3.00	2.00	Setting up of Experimental weaving centres where about 1,600 weavers will make experiments on new designs preliminary to taking them up for mass production at their own looms.
42	Supply of Improved Appliances ..	0.60	0.15	3.00	0.75	300 Societies will get 75 per cent grant and 25 per cent loan for the purchase of improved equipment.
43	Setting up of two Dye Houses at Jullundur and Kangra	0.50	..	1.00	..	Facilities to the Weavers in rural areas to dye and bleach about 900 thousand pounds of yarn will be provided.

44	Setting up of Press Machines and facilities to Weavers (Wool), Kangra District	0.04	..	0.20	..	Small grants to 44 weavers societies for purchase of press machines to effect finishing of their products for improving sales will be given. About 20,000 weavers will be benefited.
45	Contribution towards losses of yarn supply	0.05	..	0.24	..	Consolidated requirements of yarn of primary societies will be arranged at apex level directly from the mills and will be further supplied to them at reasonable rates. The losses if any sustained by the Apex will be met by the Government of India and the State Government.
46	Field staff for the handloom organisation	0.34	..	1.70	..	Self-explanatory.
47	Participation in Exhibitions and Shows	0.10	..	0.50	..	It is envisaged to participate in 30 exhibitions.
48	Inspection and stamping staff for the Apex Co-operative Society	0.15	..	0.60	..	Reimbursement of actual cost of staff employed by the Society for inspection and stamping quality standard and price on goods to be sold throughout the State.
49	Construction of sheds for Wool Weavers	..	..	1.88	1.88	Construction of 50 sheds by granting of loan of Rs 3,750 to each group of five looms for constructing shed at a cost of Rs 5,000 is envisaged.
50	Publicity and Propaganda	0.12	..	0.60	..	Self-explanatory.
51	Educative tour for Weavers	0.03	..	0.15	..	Self-explanatory.
52	Financial assistance to the Weavers Apex Society for supply of samples to prospective buyers	0.05	..	0.25	..	Self-explanatory.
53	Grant of financial assistance to weavers in Hilly Areas in Co-operative Fold for purchase of improved appliances	0.20	0.05	0.75	0.19	About 50 societies will be given 75 per cent grant and 25 per cent loan for purchase of improved appliances to augment their production.
54	Loan to Co-operative Societies	0.45	0.45	1.00	1.00	Self-explanatory.
55	State participation in Co-operative Spinning Mill	..	..	1.00	1.00	State Government will participate up to 51 per cent of paid up share capital of co-operative spinning mill to be set up for supply of yarn to the handloom weavers.
Total IV		7.68	0.95	10.00	10.00	
V--HANDICRAFTS						
56	Training Centres in Carpet Weaving at Kandaghat and Amritsar	0.23	..	1.22	..	Establishment of a training centre to be started at Amritsar in the first instance and after completion of the first term of two years to be shifted to Kandaghat for another two years.

Head.—III—Industries and Minerals including Small Industries

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the Scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
<i>V—HANDICRAFTS—contd</i>						
57	Training Centre in Druggists at Kulu/Panipat..	0.19	..	0.90	..	Training in the manufacture of druggists to 75 trainees will be imparted.
58	Training-cum-Production Centre for Phulkaries in Ambala District	0.14	..	0.62	..	Training to 100 women (20 every year) for a period of one year will be imparted. Phulkaris produced will be sold in the market with a view to helping the trainees.
59	Training Centre for manufacturing artistic articles of copper, brass wares and metallic inlay work at Jagadhri/Rewari/Phagwara	0.13	..	1.04	..	Training in batches of 20 trainees for a period of 1½ years at Jagadhri, Rewari and Phagwara one after the other.
60	Training Centre for Lacquer work at Hoshiarpur/Jullundur	0.10	..	0.82	..	Envisages training to 20 persons every year and then to fix them in the craft by bringing them in the Co-operative fold.
61	Training Centre for Musical Instruments at Jullundur and Gurgaon	0.17	..	1.02	..	A training centre for Musical Instruments will be established at Jullundur in the first instance to train 20 trainees for a period of 2½ years and then shifting to Gurgaon for training a further batch.
62	Training Centre for Wood Carving Decorative furniture and inlay work at Simla/Kulu	0.16	..	0.89	..	A batch of 20 trainees will be trained for a period of 2½ years at Simla in the first instance and then the Centre will be shifted to Kulu for another term of 2½ years, to train 20 more candidates.
63	Pottery Training Centre at Batala and Sonapat	0.18	..	0.94	..	Twenty trainees will be trained every year in pottery industry.
64	Training Centre for Stone and Marble Carving at Narnaul	0.22	..	0.67	..	Fifteen trainees will be trained every year who will be paid a stipend of Rs 20 per mensem.
65	Training Centre for Artistic Articles at Mukerian	0.11	..	0.67	..	Opening of a training centre for the manufacturing of bamboo artistic articles at Mukerian to train 15 trainees every year who will be paid a stipend of Rs 20 per mensem.

66	Training Centre in Handicrafts at Malerkotla	0.26	..	1.64	..	Opening of a training centre in Handicrafts at Malerkotla to impart training to 15 trainees every year in fancy leather works, Glass Bangles and Beeds, articles of Bamboo and paper mache articles, in each craft. Each trainee will get a stipend of Rs 10 per mensem.
67	Training Centre for Horn-making articles, Jullundur/Rohtak	0.15	0.05	0.55	..	Fifteen trainees will be admitted annually for training for a period of one year who will get a stipend of Rs 20 per mensem. The centre will be set up at Rohtak in the first instance and then shifted to Jullundur.
68	Organisation of the office of the Marketing Officer-cum-Manager, Government Arts and Crafts Emporium, Patiala	0.21	..	1.64	..	Self-explanatory.
69	Reorganisation of Cottage Industries Museum and Emporium, New Delhi	0.10	..	0.66	..	Do
70	Establishment of handicrafts Sales Section in the Sales Depots in the State	0.08	..	0.67	..	Ten Handicrafts Sales corners in the Apex Sales Depots in the State will be opened.
71	Reorganisation of Regional Sales Emporia at Malerkotla and Phagwara	0.49	0.15	1.11	0.15	Self-explanatory.
72	Construction of building for Cottage Industries Museum and Emporium, Chandigarh	0.50	0.50	2.50	2.50	Do
73	Central Design and Research Centre for Handicrafts, Chandigarh	0.42	0.25	5.18	2.07	Do
74	Development of handicrafts through Co-operatives	0.41	..	4.50	..	Envisages subsidising the cost of the managerial staff of the newly established Industrial Co-operatives.
75	Development of handicrafts among women through Co-operative	0.72	..	8.64	..	Aims at providing training of members of women Societies in embroidery, tailoring, fancy leather and plaster goods making, band knitting, doll and toy making and straw making, etc.
76	Mat and Basket Making Centre, Hamirpur ..	0.13	..	0.77	..	Establishment of training centre where 15 trainees will be trained. A stipend of Rs 20 per mensem will be allowed to each trainee.
77	Opening of Cottage Industries Museum at Kulu	0.64	0.50	1.07	..	Self-explanatory.
78	Aid to Private (Industrial) Institutions for Girls	0.27	..	2.35	..	Giving of grants to 70 Schools and strengthening of Inspection Staff.

Head.—III—Industries and Minerals including Small Industries

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the Scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
<i>V—HANDICRAFTS—contd</i>						
79	Opening of 10 Certificate Schools for Girls ..	0.20	0.03	2.50	0.15	Imparting of Home-Craft training to batches of 20 girls each in 10 Schools to be opened in rural areas.
80	Opening of 9 Diploma Schools for Girls ..	0.34	0.11	5.00	0.99	Opening of nine Diploma Schools for Girls with seating capacity of 600 students.
81	Re-organisation of eleven existing Industrial Schools for Girls	0.31	0.06	1.62	0.12	Reorganisation of the existing school to increase seating capacity by 100.
82	Facilities for training of teachers ..	0.20	..	2.00	..	Self-explanatory.
83	Revision of grades of Technical Staff of Industrial Schools for Girls	0.06	..	0.60	..	Do
84	Revision of rates of Government Scholarships and Stipends	0.97	..	4.98	..	Envisages raising of the value of scholarships to Rs 20 per mensem and that of stipends to Rs 15 per mensem.
85	Development of Pashmina Industrial Co-operative in Kulu Sub-Division (Spill-over)	0.14	..	0.28	..	Self-explanatory
86	Reorganisation of seven Diploma Schools for Girls (Spill-over)	1.06	..	1.06	1.06	Completion of the buildings under construction at Am bala, Amritsar and Rohtak,
87	Industrial Schools for Girls (Spillover) ..	1.22	1.22	1.22	1.22	Completion of the buildings at Nabha, Narnaul, Barnala and Phagwara, which were started during the Second Five-Year Plan.
88	Government Industrial School for Girls, Kulu (Spillover)	0.90	0.90	0.90	0.90	Completion of the building already under construction.
Total V		11.41	4.83	60.23	9.71	

VI—SERICULTURE

89	Scheme for the propagation of Mulberry Plantation in the Punjab	2.10	..	3.43	..	Setting up of 35 mulberry farms/Nursaries and planting of 500,000 mulberry trees.
90	Establishment of one Plantation-cum-Demonstration Farm in Kulu Valley	0.05	0.05	1.10	0.36	Self-explanatory.
91	Establishment of a Chowki Rearing Centre in Nurpur Tehsil	0.05	..	0.10	..	Do
92	Scheme for granting of Bonus to Mulberry Growers	0.10	..	1.00	..	Grant of Bonus for successful 4 lakh mulberry trees at the rate of 25 nP. per tree in order to give some incentive to the mulberry growers.
93	Establishment of filature on demonstration basis	..	..	1.33	1.16	Establishment of Filature with annual reeling capacity of 6,000 lbs. of Cocoon.
94	Scheme for field organisation for controlling sericulture schemes	0.42	..	2.17	..	Self-explanatory.
95	Development of Sericulture through individuals	0.75	0.25	3.75	1.25	About 1,250 Rearingers will be given grants and loans for setting up rearing huts and purchasing appliances.
96	Development of Sericulture through Co-operatives	0.25	..	1.23	..	Self-explanatory.
97	Establishment of Apex for Sericulture	..	..	0.50	0.50	A Co-operative Apex for Sericulture Industrial Co-operatives will be set up which will be given a loan of Rs 0.50 lakh to form working capital.
98	Production and supply of disease-free silk seed	0.05	0.05	6.00	1.71	About 5,500 ounces of silk seed will be produced.
99	Establishment of an Applied Sericulture Laboratory	0.05	0.05	1.39	0.25	Self-explanatory.
Total VI		3.82	0.40	22.00	5.23	

VII—KHADI AND VILLAGE INDUSTRIES

100	Development of Khadi and Village Industries	1.50	..	10.00	..	Provision of grant-in-aid to the Punjab Khadi and Village Industries Board for employing additional staff and implementation of the Palm Gur Schemes and meeting the entire cost of other special schemes not recognized by the All-India Khadi and Village Industries Commission
GRAND TOTAL		..	202.54	131.95	1440.10	969.05

Head.—Roads

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
1	Spillover from 2nd to 3rd Plan	153.65	153.65	685.48	685.48	The works under this scheme are already in progress. The amount provided covers the cost of work yet to be done. A length of 972 miles of metalled roads will be completed with this provision.
2	Main Roads (Works provided in II Plan but not started during Plan period)	8.70	8.70	131.28	131.28	The roads under this scheme were included in II Plan but could not be started owing to paucity of funds. Approximate length of such roads is 172 miles.
3	Widening of existing roads and strengthening the crust and other improvements	..	..	30.00	30.00	Due to tremendous increase in traffic most of the roads need widening and other improvements for which this scheme has been included in the Plan. About 60 miles of existing roads will be widened/improved.
4	Reconditioning of roads in waterlogged areas	..	..	25.00	25.00	This provision covers the cost of measures to be adopted against the effects of water logging on roads in certain areas of the State. It may be possible to treat some 50 miles in this amount.
5	Drainage along the roadside	..	..	2.00	2.00	Filling up or regarding the borrow-pits so as to allow free flow of rain water along road side is envisaged.
6	Link roads within Municipal limits	..	..	3.00	3.00	Some of the Municipal roads connecting Public Works Department Roads passing through towns are in a poor state of repairs. It is proposed to take over such links and improve them to Public Works Department standard.
7	Approach roads to main Roads, Towns, Railway Stations and Religious places	2.80	2.80	40.00	40.00	Building of 60 miles of small links and approaches to towns, main roads, religious places, etc., are in great demand.

8	Village Roads Co-operative Development Schemes	..	..	30.00	30.00	It is proposed to build some small links aggregating 50 miles connecting villages with main roads or towns, with the co-operation of the villagers concerned.	
9	Main Roads (New Roads)	..	0.50	0.50	31.24	31.24	This amount represents only the cost of preliminary works connected with the construction of roads viz., surveys, land acquisition, etc.
10	New Bridges	..	..	..	20.00	20.00	Construction of 4 or 5 major bridges, details of which will be drawn up in due course.
11	Machinery and other Tools and Plants	..	..	..	20.00	20.00	To provide machinery such as Road Rollers, Tar Boilers, Graders, Trucks, etc., required for the construction of roads.
12	Research work Building and Equipment	..	1.00	1.00	5.00	5.00	Establishment of a Laboratory at Chandigarh for research work in connection with road construction.
13	Establishment	..	16.05	16.05	87.00	87.00	Covers the cost of establishment required for road works included in the Plan.
14	C. R. F. Allocation Account	..	..	..	90.00	..	Government of India allows to the States share out of the Central Road Fund for construction of roads. 110 miles of roads shall be constructed in the Punjab.
	Total	..	182.70	182.70	1200.00	1110.00	

Head.—Roads Transport

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
1	Nationalisation of Passenger Transport (Pepsu Portion)	8.00	8.00	45.00	45.00	Extension of route mileage to 1,639 miles and purchase of 101 new vehicles is envisaged.
2	Mandi-Kulu Road Transport Corporation	2.00	2.00	15.00	15.00	The augmented capital will enable purchase of 33 new vehicles for efficient running of the Transport services.
	Total	10.00	10.00	60.00	60.00	

Head.—General Education

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
ELEMENTARY EDUCATION GROUP						
1	Construction of building of Basic Training School, Kulu	1.50	1.50	1.50	1.50	Completion of building started in Second Plan.
2	Opening of non-Basic type schools in areas other than selected areas for children of age group 11-14—Construction of building for Government Middle School, Jethowal (Amritsar)	0.12	0.12	0.12	0.12	Ditto
3	Construction of buildings for Government Basic Training Schools in selected areas in the State	4.13	4.13	4.13	4.13	Ditto
4	Opening of Nursery and Kindergarten schools	0.30	0.20	3.78	1.60	Setting up of 16 Nursery and Kindergarten Schools, one for each district.
5	Free and Compulsory Primary Education (Provision of Educational facilities for children in the age group 6-11)	34.08	1.30	492.93	4.55	Introduction of free and compulsory education to cover six lakh additional children of the age-group 6-11 years and 80 per cent of the total population of this age-group, meeting among other things employment of 12,000 additional teachers and grants etc., to private schools.
6	Improvement in primary schools	1.50	..	7.50	..	Grant for the purchase of equipment and furniture for illequipped primary schools.
7	Primary School Buildings for Hilly, Flood-affected and Backward areas	1.00	1.00	4.00	4.00	Construction of 100 buildings at Rs 4,000 per building in hill areas.
8	Orientation of non-Basic type schools to basic type provision of equipment and inservice training for teachers and A.D.I's.	2.00	..	10.00	..	8,000 Primary Schools will be given Rs 100 each for the purchase of basic education equipment for the purpose of orientation and short term refresher courses will be organised.
9	Upgrading of Primary Schools to Middle Standard	7.50	..	107.72	..	350 Primary schools will be upgraded to middle standard.

Head.—General Education

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of Scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
10	ELEMENTARY EDUCATION GROUP—concl'd Introduction of Crafts in Middle Schools ..	0.88	..	11.28	..	Craft will be introduced in 170 middle schools and necessary material and equipment provided.
11	Additional staff for relieving congestion in Government Middle Schools for Boys on account of increased enrolment	0.40	..	5.00	..	Self-explanatory.
12	Additional staff for removing congestion in Government schools for girls on account of increase in enrolment	0.40	..	5.00	..	Self-explanatory.
13	Additional contingent grant for equipment to existing middle schools to cope with increased enrolment	1.00	..	5.00	..	Contingent grant will be given to schools for the purchase of furniture and equipment.
14	Improvement of existing and construction of new buildings for Government middle schools	2.00	2.00	9.00	9.00	Additional accommodation will be provided and new buildings will be constructed to cater for increased admissions in Middle Schools.
15	Establishment of Senior Basic Model Schools ..	0.41	0.30	5.05	1.70	17 Senior Basic Model Schools will be set up, each school getting Rs 10,000 for building besides the staff and equipment and furniture.
16	Additional teachers training facilities to cope with the demand for teachers for free and compulsory education	4.90	2.00	20.00	10.80	To implement the scheme 'Free and Compulsory Primary Education', arrangements for training of 12,000 additional teachers will be made. Besides one training school, six J.B.T. units will be given to existing training or high schools.
17	Establishment of Extension Service project in Basic Training Schools	0.05	..	0.45	..	For the benefit of elementary school teachers, three extension service projects are proposed to be set up in Basic Training Schools.

18	Training of Women Instructors in Crafts in Junior Basic Schools	..	..	2.00	..	To meet the demand of women craft teachers for Basic Schools the training facilities are proposed to be expanded.
19	Residential quarters for women teachers and house-rent allowance to women teachers	1.00	0.60	5.00	3.00	120 quarters at Rs 2,500 per quarter are proposed to be constructed for women teachers and grant of house-rent allowance in certain cases.
20	Financial assistance to privately-managed schools on account of free-education and taking over of privately managed schools	2.00	..	14.00	..	The schools fulfilling certain conditions will be taken over and some other will be given financial assistance.
21	Provision of lavatories and drinking water facilities, in girls schools	0.75	0.75	7.50	7.50	1,000 lavatories and 1,000 water-pumps will be provided in girls schools at Rs 500 per lavatory and Rs 250 per water-pump.
Total Elementary Education (Group) ..		66.70	13.90	720.96	47.90	
SECONDARY EDUCATION GROUP						
<i>(Continuing Schemes)</i>						
22	Completion of building of Government Girls High Schools at Ambala, Kaithal and Rupar	1.76	1.76	1.76	1.76	Self-explanatory.
23	Staff in Higher Secondary Schools which have switched over to Higher Secondary pattern	0.80	..	6.00	..	Self-explanatory.
24	Conversion of existing High Schools into Multi-purpose and Higher Secondary type and other allied schemes <i>(New Schemes)</i>	5.39	5.39	5.39	5.39	Completion of buildings already in progress for Science laboratories, etc.
25	Upgrading of Middle/High Schools to Higher Secondary Schools	48.87	17.56	344.18	87.83	100 Government Middle Schools will be upgraded to the Higher Secondary Type direct. Besides, 170 Government High Schools and 80 non-Government High Schools will be upgraded to the Higher Secondary Schools.
26	Additional staff for relieving congestion in boys High and Higher Secondary Schools	0.50	..	6.00	..	Self-explanatory.
27	Additional staff for relieving congestion in Girls High and Higher Secondary Schools	0.50	..	6.00	..	Self-explanatory.
28	Additional contingent grant for High and Higher Secondary Schools	2.00	..	9.00	..	Increase in the number of scholars means that more staff and more material in the form of furniture and equipment should be provided. Contingent grant for the purchase of more equipment and furniture to Secondary Schools.

Head.— General Education

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
SECONDARY EDUCATION GROUP						
<i>(New Schemes)—concl'd</i>						
29	Grant-in-aid to non-Government High and Higher Secondary Schools	6.00	..	30.00	..	Grants to cover additional expenditure on staff and equipment in private schools which have switched over to Higher Secondary system.
30	Introduction of teaching of Science in Government High Schools	0.45	..	3.54	..	Self-explanatory.
31	Improvement in existing and construction of new Government buildings for High and Higher Secondary Schools	2.00	2.00	9.00	9.00	To keep pace with increased enrolment, additional accommodation in existing schools is necessary and the extension of existing buildings and their renovation.
32	Provision of clerks in Government High and Higher Secondary Schools	0.18	..	6.00	..	Provision for 302 clerks in schools where they do not exist to relieve the teachers from clerical work.
33	In service Training for Masters/Mistresses of High/Higher Secondary Schools	0.40	..	2.00	..	Seminars and refresher courses are envisaged to educate teachers for implementing the various programmes of education.
34	In service Training of teachers of Multipurpose Schools (appointments of substitutes)	1.00	..	9.00	..	To get adequate number of teachers for Science and other elective groups in-service training is proposed to be given to teachers.
35	Merit scholarships for poor brilliant students in High and Higher Secondary Schools	0.25	..	3.35	..	In order to help poor brilliant students to prosecute higher studies 500 scholarships of Rs 25 each will be awarded in High/Higher Secondary Schools.
36	Hostels for girls in High and Higher Secondary Schools	2.40	2.40	15.20	15.20	Setting up of 38 hostels each at a cost of Rs 40,000 to meet the expanded needs, particularly in rural areas.

37	Taking over of privately-managed schools ..	5.00	..	48.00	..	Such private schools whose enrolment has been affected by free education and which fulfil certain conditions will be taken over by the Government.
38	Opening of schools with emphasis on sports and games	2.47	..	8.00	..	A residential school with emphasis on games and sports will be set up where training will be imparted to promising students to enable them to distinguish in National and International sports competitions.
39	Loss in income on account of free education ..	12.87	..	150.00	..	Phased programme for the introduction of the free education for girls and 50 per cent of the boys whose parents' income does not exceed Rs 100 per mensem is envisaged.

Total Secondary Education ..		93.57	29.11	662.42	119.18	
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UNIVERSITY EDUCATION
(Continuing Schemes)

40	Completion of buildings of the College of Education, Kurukshetra	2.67	2.67	2.67	2.67	Completion of building started in Second Plan.
41	Completion of building of Women Colleges ..	13.39	13.39	13.39	13.39	Completion of buildings of Government Colleges for Women at Rohtak, Gurgaon and Amritsar already under construction.
42	Improvement of buildings of Government Colleges	2.83	2.83	2.83	2.83	Completion of construction work at the Government Colleges, Patiala, Nabha and Bhatinda already in progress.
(New Schemes)						
43	Grant-in-aid to Punjab University ..	5.00	..	25.00	..	Giving of grant to the Punjab University to carry on its normal activities and also to expand them.
44	Provision of Post-graduate course for Science Masters and Mistresses for Higher Secondary Schools (Financial assistance to Punjab University)	1.00	..	5.00	..	The Punjab University will be given a grant of Rs 5.00 lacs to enable it to educate M. Sc.'s for higher secondary schools.
45	Grant-in-aid to Kurukshetra University ..	4.00	..	20.00	..	Grant to the Kurukshetra University to carry on its normal activities and also to expand the same.
46	Setting up of a Punjabi University ..	2.00	..	10.00	..	Token amount is being provided for setting up the Punjabi University details of which are being worked out by a Commission.
47	Upgrading of Government Inter College for Women, Sangrur to Degree College	0.89	0.50	2.66	1.50	With the introduction of 3 year degree pattern, the only Government Inter College in the State will be upgraded to the new pattern.

Head.—General Education

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the Scheme
		Total	Capital	Total	Capital	
		3	4	5	6	
	UNIVERSITY EDUCATION New Schemes—concl'd					
48	Conversion of 4-year Degree Colleges into 3-year pattern	15.07	5.98	66.22	11.35	To enable the private colleges to switch over to the new pattern, grants are envisaged and new posts are contemplated for Government Colleges besides the provision of Science laboratory
49	Improvement of buildings of existing Government Colleges	1.50	1.50	7.00	7.00	Provision of additional accommodation, extension, renovation, etc., in existing buildings of Government Colleges, in order to keep pace with the increasing enrolment
50	Improvement of non-Government Colleges ..	4.00	..	20.00	..	Grants to non-Government Colleges in order to enable them to run them efficiently
51	Additional contingent grant to Government Colleges	0.50	..	2.50	..	Contingent grant to Government Colleges for the purchase of furniture and equipment to cope with additional enrolment
52	Additional staff for Government Colleges ..	0.50	..	4.00	..	Strengthening of the staff to cope with the additional enrolment
53	Reorganisation of Government Commerce College	0.38	..	1.05	..	Provision of a pre-University preparatory class by appointing seven senior and junior Lecturers

54	Setting up of Home Science College ..	0.87	..	4.50	..	There is an acute shortage of qualified Home Science mistresses for Home Science stream in the Higher Secondary Schools. Setting up of a Home Science College with the aid of University Grants Commission
55	Setting up of three new Government Colleges	1.00	..	12.00	..	Setting up of three new Government Colleges with the aid of University Grants Commission to meet the expanding needs, particularly in Girls Education
56	Construction of Hostel for Government College for Women, Chandigarh, and double shift	0.60	0.50	2.81	2.00	Self-explanatory
57	Construction of buildings for Government Colleges (5 colleges)	2.00	2.00	20.00	20.00	Ditto
58	Construction of Hostels for Government Colleges (5 hostels)	2.00	2.00	10.00	10.00	Ditto
59	Merit scholarships for poor brilliant students ..	0.40	..	5.00	..	To encourage poor brilliant students to prosecute their studies at the collegiate level
60	Setting up of a National College with emphasis on sports and games	3.80	..	15.00	..	Setting up of a residential college with emphasis on Sports and Games for training the promising students to enable them to distinguish themselves in National and inter-National sports competitions
61	Prizes for original contribution for Research in Science	0.01	..	0.05	..	Brilliant students will be encouraged in research work. Prizes ranging from Rs 200 to Rs 500 will be awarded to promising students
62	Grant-in-aid to Rural Institute, Rajpura ..	3.00	..	16.00	..	Self-explanatory
Total University Education ..		70.41	31.37	267.68	70.74	
OTHER EDUCATIONAL SCHEMES						
<i>New Schemes</i>						
63	Establishment of 3 Libraries in Districts ..	..	..	2.22	0.45	Libraries are a vital educational agency and medium for bringing awakening among the masses. Setting up of libraries at three District headquarters is envisaged

Head.—General Education

(Rs in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
OTHER EDUCATIONAL SCHEMES (New Schemes)—concl'd						
64	Aid to Children Film Committee	0.40	..	2.00	..	Grant to the children's Film Committee to enable it to carry on its useful activities for the benefit of children
65	Expansion of N. C. C.	2.23	..	20.00	..	Provision for staff and contingencies and for holding annual camps of the N. C. C. is envisaged
66	Extension of A. C. C.	0.94	..	5.00	..	Self-explanatory
67	Works Projects at the campus of Government Schools and Colleges	0.80	0.20	1.00	1.00	Setting up of gymnasium, hall-cum-auditorium, swimming pools and open air theatre in Government schools with the help of students community
68	Conversion of Government Colleges of Physical Education to three year degree pattern	0.85	0.45	5.45	3.45	Self-explanatory
69	Scheme relating to promotion of sports and games	10.00	3.00	52.00	16.00*	With a view to providing impetus to improve the standard of games and sports in the Punjab State and to develop the human material available in the State, among other things it is proposed to arrange coaching camps in various games, to provide playgrounds and stadia in Panchayats and Block areas, and to grant scholarships and stipends to outstanding athletes and sportsmen besides organising championship tournaments at various levels
70	Development of Hindi	1.15	..	6.79	..	Self-explanatory
71	Introduction of Hindi in the Administrative sphere	1.62	..	7.23	..	Self-explanatory
72	Grants to Hindi/Sanskrit Pathshalas	0.40	..	2.00	..	Giving of grants to institutions to put them on sound financial footing to produce Sanskrit teachers.
73	Education of mentally retarded—training of teachers—setting up of special schools	0.40	..	3.00	..	Setting up a special school for which the teaching staff will be given special training

74	Reorganisation of Inspectorate	..	..	..	9.00	..	To cope with an allround expansion of education the Inspectorate will be reorganised to follow the fixed norm for inspection units at various levels
75	Reorganisation of Directorate	..	..	..	5.00	..	Strengthening the Headquarters staff to meet expanding needs of the Education Department
76	Strengthening of Statistical Organisation of the Department	..	..	..	4.00	..	Self-explanatory
77	Setting up of Research Guidance and Evaluation Unit	0.25	..	..	1.00	..	A Research Unit to conduct systematic research in education will be set up at the Headquarters
78	Development of State Historical Record Office	0.05	..	..	0.25	..	To develop the State Historical Records Office, steel racks and open shelves will be provided, besides the Micro filming and procuring of record of historical value
Total Other Schemes		..	18.82	3.65	125.94	20.90	
Grand Total		..	245.26	78.03	1,777.00	238.72	

Head.—Technical Education

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961—66		Brief description of the Scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
<i>(a) Continuing Schemes</i>						
1	Special expansion of Punjab Engineering College, Chandigarh	6.20	5.00	13.92	7.22	Punjab Engineering College, Chandigarh, is the most important Degree Institution in the State and its expansion stands provided under the centrally-sponsored programme based on the recommendations of the Ghosh Chanderkant Committee. The Scheme will serve the entire State
2	Development of Punjab Engineering College, Chandigarh	2.50	2.50	17.58	17.58	A spill-over Scheme
3	High Voltage Laboratory, Punjab Engineering College, Chandigarh	0.34	0.34	1.10	1.10	Provision of High Voltage Equipment
4	Five Years Integrated Course, Punjab Engineering College, Chandigarh	1.50	1.50	13.58	3.08	Increasing the duration of the degree course in the Punjab Engineering College, Chandigarh, to five years due to the switching over of Metric system of education to that of Higher Secondary Education
5	Special Expansion of Polytechnic, Ambala	2.98	1.99	9.68	4.09	Completion of the Scheme under implementation from 1959-60
6	Special Expansion of Polytechnic, Nilokheri	2.05	2.05	2.05	2.05	Completion of the Scheme under implementation from 1958-59 for raising the intake from 170 to 240 students per year in Diploma Course
7	Special Expansion of Central Polytechnic, Chandigarh	3.99	3.31	12.59	4.35	Completion of the Scheme for increase in the intake of the Central Polytechnic, Chandigarh, from 120 to 240

8	Development of Polytechnic, Ambala	3.50	3.50	6.50	5.50	Completion of spill-over scheme by purchasing balance equipment
9	Development of Polytechnic, Nilokheri	2.00	2.00	6.71	6.71	Ditto
10	Development of Central Polytechnic, Chandigarh	3.80	2.50	13.80	7.30	Ditto
11	(a) Establishment of Polytechnic, Sirsa	2.50	2.50	26.98	20.13	Four new institutions each with an intake capacity of 120 students will be started in accordance with the recommendations of the Engineering Personnel Committee
	(b) Establishment of Polytechnic, Batala	2.50	2.50	27.50	20.13	
	(c) Establishment of Polytechnic, Guru Teg-bahadurgarh	..	..	27.00	22.13	
	(d) Establishment of Polytechnic, Jhajjar	5.65	4.50	24.15	14.35	
12	Development of Mehar Chand Polytechnic, Jullundur	0.60	..	1.00	..	Completion of spill-over scheme by providing the equipment
13	Junior Technical Schools	6.37	5.73	15.87	12.39	Opening of six Junior Technical Schools in the State
14	Five Years Integrated Course of Patiala and Ludhiana Colleges	1.50	..	6.60	..	Introduction of five years degree course requiring additional staff, buildings and equipment
15	Degree Course in Architecture at Punjab Engineering College, Chandigarh	2.22	1.64	9.40	3.55	Self-explanatory
16	Development of National Institute of Engineering, Hoshiarpur	5.87	3.50	29.36	21.06	Taking over of the institute by Government
17	Grants-in-aid to Private Institutions	..	..	42.00	..	Sharing by Governmnet of the deficit due to higher recurring expenditure in the working of private institutions

Total of continuing Schemes

62.07 45.06 307.37 172.72

(b) *New Schemes*—

18	Regional Engineering College	..	..	13.00	13.00	This Scheme envisages establishment of an engineering College in the Hindi Region.
19	Expansion of Degree Course at Patiala and Ludhiana	2.00	..	15.00	..	Increase in intake of the Engineering Colleges at Patiala and Ludhiana from 120 to 180 each.

Head.—Technical Education—(contd)

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the Scheme
		Total	Capital	Total	Capital	
		3	4	5	6		7
<i>(b) New Schemes—</i>						
20	Establishment of Polytechnics at Ludhiana and Rohtak	2.00	..	38.00	..	Provision of assistance to the privately managed Polytechnic Institutions at Rohtak and Ludhiana to bring them to the required standard.
21	Establishment of a Polytechnic at Gurgaon/ Amritsar	..	..	8.00	8.00	Establishment of Polytechnics one each in Amritsar and Gurgaon Districts.
22	Establishment of a Polytechnic in Hamirpur	2.50	2.50	28.00	23.34	Starting a new institution with an annual intake of 120 students.
23	Expansion of Thapar Polytechnic	1.00	..	14.00	..	Expansion in the annual intake of the institution from 120 to 240 students.
24	Expansion of Baij Nath Polytechnic	..	..	7.50	..	Expansion in the annual intake of the institution from 60 to 120 students to mainly cater for Hill areas.

25	Sandwich Courses (One Government and other Non-Government)	2.10	..	20.00	9.30	Provision of systematic and well-planned institutions for the training of foreman and supervisors for the Industry.
26	One Junior Technical School	..	..	10.26	9.08	Self-explanatory.
27	Scholarships and Free Education	24.50	..	150.00	..	Grant of loans and scholarships to all categories of poor brilliant students receiving technical education and imparting free education up to diploma level.
28	Staff quarters	..	..	12.00	12.00	Self-explanatory.
29	Students Amenities	1.00	1.00	5.00	5.00	Provision of amenities like canteens, swimming pools, cycle stands, club rooms, etc.
30	Limited Post-Graduate activity at the State College, but outside the State Plan	..	..	0.00	..	Self-explanatory.
31	Teachers Training Programme	0.60	..	7.00	..	Provision of teachers training Fellowships and provision of hostels for trainees, etc.
32	State Board of Technical Education and State Directorate of Technical Education	2.06	..	12.74	..	Strengthening of the staff of the Directorate and that of the State Board of Technical Education to adequately administer the huge programme of Technical Education.

Total .. 37.76 3.50 350.50 79.72

Head.—Technical Education—(contd)

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the Scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
<i>(b) New Schemes—</i>						
33	Development of Punjab Institute of Textile Technology and Government Industrial School, Amritsar	1.40	1.00	10.00	8.00	The introduction of National Certificate course in the existing Textile Technology Institute, Amritsar, is envisaged by increasing the seating capacity of the Institute by 60 and by providing the required building.
34	Development of Tanning Institute, Jullundur	0.85	0.85	5.00	3.40	Envisages introduction of National Certificate course in the Footwear in the existing institute with a seating capacity of 20 students.
35	Development of Government School of Atrs, Punjab	1.05	0.40	10.30	1.20	Envisages re-organisation of the School by introducing National Certificate course in the leather technology, with 20 seats and also construction of a building and purchase of machinery and equipment.
36	Development of Government School of Arts, Punjab (Spill-over)	4.18	4.18	4.18	4.18	Among other things, envisages development of the existing school by introducing a Designers course in wood furniture, and raising the seating capacity by 80 students.
37	Development of Government Industrial School, Rewari (Tanning Section)	0.90	0.90	7.00	5.71	Completion of the existing building in progress.
38	Development of Polytechnic Institute for Women, Chandigarh	0.45	0.45	15.00	7.37	Opening of a Polytechnic for Women at Chandigarh.

Cultural Programme (Language Department)

39	Development of Punjabi	0.55	..	3.87	..	Aims at holding contests, instituting post-Graduate Research Scholarships, financial aid to private organisations/individuals, translation of some standard books into Hindi, development of Pahari and Harianvi dialects, financial assistance to indigent writers residing in the State or their families and preparation of an encyclo paedia and compilation of 4 books 'Chitrkala'.
40	Introduction of Punjabi in the Administrative Sphere	0.76	..	3.62	..	In the programme for the introduction of Punjabi in the Administrative sphere up to District level, the scheme aims at imparting instructions to Government servants in Punjabi under a phased programme.
41	Development of Urdu	0.10	..	0.50	..	Aims at honouring of literateurs, holding of literary contests, organising of seminars, awarding of merit scholarships and prizes for best literary works and the best publications.
<i>Cultural Programme (Education Department)</i>						
42	Development of State Museum	0.34	..	3.00	..	Envisages development and expansion of the State Museum housed in Moti Bagh Palace at Patiala by purchasing exhibits, paintings, antiquities, etc.
43	Development of Art and Culture	0.29	..	2.00	..	Grant-in-aid to an Art and Cultural Society engaged in the propagation of art and culture in the State is envisaged.
44	Scholarships for training (Dancing, etc.)	0.14	..	1.00	..	Envisages award of scholarships to persons to be deputed for training in fine Arts dancing, etc. in other States.
45	Revision of District Gazetteers	0.36	..	2.00	..	Self-explanatory
46	Financial assistance to Punjabi Pathshalas	0.06	..	0.50	..	Envisages grant-in-aid to the organisations/institutions engaged in the propagation of Punjabi imparting instructions in Punjabi in the State.
47	Schemes and details to be given later	..	..	2.28	..	Details will be given later.
Total Technical Education (Other Schemes)		11.43	7.78	70.25	29.86	
Grand Total		111.26	56.34	728.12	282.30	

Head.—Health Medical

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
GROUP I.						
1	Extension of V. J. Hospital, Amritsar	0.30	0.30	1.58	1.58	Envisages addition of beds in surgical and medical Wards.
2	Establishment of 50-bedded Orthopaedic Ward at V. J. Hospital, Amritsar	0.05	0.05	1.43	1.43	Bed accommodation for Orthopaedics patients will be increased.
3	Construction of Nurses Hostel for 250 Nurses at the V. J. Hospital, Amritsar	0.45	0.45	1.21	1.21	Completion of Nurses' Hostel attached to the V. J. Hospital, Amritsar, for housing 250 nurses.
4	Completion of Rajendra Hospital, Patiala	0.05	0.05	0.20	0.20	Envisages further improvements in Rajendra Hospital, Patiala.
5	Provision of beds for infectious diseases Ward, increase of beds in Rajendra Hospital, Patiala	0.05	0.05	1.29	1.29	A general Ward for 92 beds will be constructed to accommodate sufferers from infectious diseases.
6	Establishment of Civil Hospital, Dhuri	0.40	0.40	1.73	1.73	The accommodation in the Hospital will be increased from 6 beds to 25 beds.
7	Establishment of Mental Hospital, Patiala	0.42	0.42	5.76	5.76	A spill-over scheme under which new Mental Hospital is envisaged to cater to the local needs and also to impart training to the students of the Medical College, Patiala.
8	Additional essential building of the Pujnab Mental Hospital, Amritsar	0.20	0.20	0.50	0.50	Essential buildings required for the Mental Hospital, Amritsar, are to be constructed.
9	New Building and provision of indoor accommodation at Civil Dispensary, Syri	0.15	0.15	0.15	0.15	A new Hospital building with four-bedded Ward and staff Quarters are to be constructed.
10	Construction of Dispensary building and staff quarters at Chausa	0.36	0.36	0.36	0.36	A new dispensary building and staff quarters will be constructed.

11	Provision of tube-well and a service reservoir for Ram Lal Eye Hospital and T.B. Sanatorium, Amritsar	0.13	0.13	0.13	0.13	A building for Tube-well and a service reservoir are to be constructed.
12	Provision of X-ray Plant at Ishri Hospital, Nalagarh	0.25	0.25	0.25	0.25	X-Ray facilities will be provided.
13	Extension and improvement of Lady Dufferin Hospital, Patiala	0.40	0.40	1.75	1.75	Further extension in the form of additional building, equipment and staff is envisaged.
14	Construction of additional accommodation for incurable patients at the Mental Hospital, Amritsar	0.30	0.30	0.84	0.84	Additional accommodation for 400 incurable patients is to be provided.
15	Establishment of Paediatric Centre at Medical College, Amritsar—Completion of Staff quarters	0.05	0.05	0.42	0.42	A paediatric Centre and staff quarters are to be provided.
Total		3.56	3.56	17.60	17.60	
<i>(New Schemes)</i>						
16	Expansion of V. J. Hospital Amritsar	..	..	25.48	25.48	Additional accommodation for 500 beds is to be provided as per the requirements of the Medical Council of India.
17	Expansion of Rajendra Hospital, Patiala	..	..	8.07	6.07	Additional accommodation for 500 beds is to be provided as per the requirements of the Medical Council of India.
18	Modernization of a District H. Os. Hospital	..	..	3.30	0.75	Accommodation in District hospitals will be raised to 200 beds along with the provision for other types of Specialists' services.
19	Improvement of 6 Hospitals as referral Hospitals	..	..	6.40	2.00	Tahsil and other Hospitals will be upgraded to cater to the needs of local Primary Health Centres.
20	Establishment of Mental Hospital, Patiala	..	..	0.50	..	Minor additions in the Spill-over Scheme for the establishment of a Mental Hospital, Patiala.
21	Psychiatric Out-patients clinics at District Headquarters Hospital	..	..	0.50	..	An out-patient psychiatric Clinic will be established to control mental diseases.
22	Opening of ten New Dispensaries	..	..	3.60	1.20	Dispensaries will be opened in areas which are lacking in medical facilities.
23	Completion of Hospital Dispensary Building <i>Hilly Area Schemes—</i>	..	..	1.50	1.50	The existing hospital building will be expanded.
24	Construction of Rural Dispensary Building and staff Quarters at Nirmand (Kangra)	..	..	0.30	0.30	New Buildings will be constructed to provide additional facilities.

Head.—Health Medical—(contd)

(Rupees in lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
GROUP I						
<i>New Schemes—concl'd</i>						
25	Construction of Rural Dispensary building and staff quarters at Khundian and Broh, district Kangra	..	..	0.60	0.60	Staff quarters and dispensary building will be constructed.
26	Staff Quarters at Rural Dispensary, Tika, Nagrota, Gilor and Chori (Kangra District).	..	..	0.45	0.45	Staff quarters and dispensary building will be constructed.
27	Starting of a Mobile Mule Dispensary with appointment of staff at provincialised Rural Dispensary at Morni(Ambala)	..	..	1.10	0.20	Dispensary building and staff quarters will be constructed.
28	Construction of Rural Dispensary building and staff quarters at Sainj, District Kangra	..	..	0.60	0.60	Staff for Mule Dispensary will be provided and staff quarters constructed.
Total of New Schemes		..	..	62.40	39.15	
Total of Group I		..	3.56	3.56	80.00	56.75
GROUP II—HEALTH UNITS						
<i>(Spill-over Schemes)</i>						
29.1	Conversion of Existing Dispensaries into Health Centres	1.00	1.00	17.20	17.20	Dispensaries will be converted into Primary Health Centres to provide up to date medical facilities in rural areas
Total of Spill-over Schemes		..	1.00	1.00	17.20	17.20
30.2	Opening of Primary Health Centres	..	..	52.80	52.80	One Primary Health Centre will be opened in each Block to provide up to date medical facilities in rural areas

31.3 Provision of Indoor additional accommodation in Primary Health Centre, Hamirpur 0.55 0.55 Eight beds will be added

Total	..	..	53.35	53.35
Total of Group II	..	1.00	1.00	70.55 70.55

GROUP III—MEDICAL EDUCATION

Spill-over Schemes

32.1 Extension of Anatomy Block at Medical College, Amritsar	0.20	0.20	0.40	0.40	Additions will be made to the existing museum and additional accommodation provided in the Anatomy Department of the College
33.2 Additional and Alterations of the Medical College, Amritsar, for raising admission in M.B.B.S. from 80 to 100	0.05	0.05	0.05	0.05	Existing laboratories will be expanded to provide facilities for practical training of the students
34.3 Construction of Quarters for servants in Medical College, Amritsar	0.14	0.14	0.14	0.14	Residential accommodation will be provided for the staff
Total Spill-over Scheme	..	0.39	0.39	0.59	0.59

New Schemes

35.4 Expansion of Medical College, Amritsar	..	..	20.00	15.00	College buildings will be extended corresponding to the expansion in various Departments in the College
36.5 Expansion of Medical College, Patiala	..	..	3.53	1.00	Various departments and sections in the College will be upgraded as per requirement of Indian Medical Council
37.6 Opening of a New Medical College and attached Hospital to Medical College, Rohtak	24.00	20.00	175.00	120.00	A new College with facility for training 50 students in M.B.,B.S. course will be established
38.7 Post-Graduate Institute attached with Hospitals at Chandigarh	50.00	35.00	135.00	75.00	To provide post-graduate training a Medical Institute on the lines of Medical Institute, Delhi, will be established
39.8 Grant-in-aid to Punjab University	1.00	..	2.00	..	Grant-in-aid will be paid to the University for providing laboratory facilities to the trainees of Post-Graduate and Research Institute, Chandigarh
Total New Schemes	75.00	55.00	335.53	211.00	
Total of Group III	75.39	55.39	336.12	211.59	

Head.—Heath Medical—(contd)

(Rupees in lakhs)

Serial No.	Name of Scheme	1961-62		1961-66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
GROUP IV—TRAINING						
<i>Spill-over Schemes</i>						
40.1	Expansion of Health School, Amritsar	0.20	0.20	0.75	0.75	Arrangements for the training of 30 additional Lady Health Visitors will be made along with accommodation for additional staff
	Total	0.20	0.20	0.75	0.75	
41.2	Improvement of Health School, Amritsar	..	..	1.00	..	Completion of the spill-over Scheme for the expansion of Health School, Amritsar
42.3	Improvement of Rural Training Centre, Verka	..	..	2.00	0.75	Additional staff and accommodation will be provided in the Training Centre
43.4	Rural Health Training Centre, Bhadson, attached to the Department of Social and Preventive Medicine, Medical College, Patiala	..	..	2.00	0.75	Expansion of the training centre is envisaged to provide additional facilities to internees and other members of the staff of the Medical College, Patiala
44.5	Training of Nurses	1.00	..	6.00	..	Increase in the number of admission to Nurses course at Patiala and Amritsar is envisaged
45.6	Institute for Sanitary Inspectors Training at Amritsar and Karnal	..	..	1.00	..	Arrangement for the training of 100 Sanitary Inspectors will be made in the training centres and existing facilities will be improved
46.7	Training of Auxiliary Nurse-Midwives	0.84	..	8.00	..	More training centres for auxiliary Nurses/Midwives will be started

47.8	Training of Laboratory Technicians	0.21	..	0.87	..	Training in Laboratory work will be imparted at Medical College, Amritsar
48.9	Training of Diploma in Pharmacy (Pharmacists)	0.66	..	3.50	..	Training facilities will be extended
49.10	Training of Radiographers	0.19	..	0.84	..	Ten stipendiaries will be trained as Radiographers at Medical College, Amritsar
Total of New Schemes		2.0	..	25.21	1.50	
Total of Group IV		3.10	0.20	25.96	2.25	
GROUP V DENTAL EDUCATION AND DENTAL SERVICES						
<i>Spill Over Schemes</i>						
50.1	Construction of building for Dental College and Hospital, Amritsar	0.40	0.40	0.80	0.80	New Building for the College will be constructed
Total Spill-over Scheme		0.40	0.40	0.80	0.80	
<i>New Schemes</i>						
51.2	Construction of a Hostel for Boys and Girls of Punjab Government Dental College and Hospital, Amritsar	0.42	0.42	5.42	4.42	Hostel accommodation for students (Boys and Girls) will be provided
52.3	Training of Dental Hygienic at Dental College, Amritsar	..	..	0.22	..	Dental Hygienists will be trained to provide substitutes for Dental Surgeons which are not available in the required number
53.4	Expansion of Government Dental College, Patiala, from 12 to 20 seats	..	..	1.48	..	Number of students will be increased from 12 to 20
54.5	Opening of Dental Clinic at District and Tehsil Headquarters	..	..	1.00	..	New Dental Clinics will be established at selected District Headquarters lacking in medical facility
55.6	Opening of Post-Graduate course in Dentistry	..	..	1.00	..	There being no Post-Graduate facilities available in the State or in adjoining areas, these will be provided
Total of New Schemes		0.42	0.42	9.12	4.42	
Total of Group V		0.82	0.82	9.92	5.22	

Head.—Health (Medical)—contd

(Rupees in lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
GROUP VI—CONTROL OF COMMUNICABLE DISEASES						
<i>Spill-over Schemes</i>						
56.1	Construction of T. B. Sanatorium, Tanda	0.20	0.20	2.87	2.87	A New T. B. Sanatorium is to be constructed with a donation of Rs 2.00 lacs against the total cost of Rs 6.83 lacs
57.2	Extension of Hardinge Sanatorium, Dharampore	0.24	0.24	0.24	0.24	Number of beds in the Sanatorium will be increased
58.3	V. D. Clinic, Dharampore	0.20	0.20	0.60	0.60	Staff and new building will be provided for the Clinic
	Total Spill-over Schemes	0.64	0.64	3.71	3.71	
59.4	Malaria Eradication Programme	62.00	..	243.50	..	The programme will be continued in the Third Plan period
	<i>(b) Tuberculosis</i>					
60.5	Mobile Mass Miniature Radiography Units in the State	..	..	3.00	..	The unit will be started for early diagnosis of T.B. and to provide domiciliary treatment in rural areas
61.6	B.C.G. Vaccination Scheme	1.80	..	11.00	..	The programme will be continued during the Third Plan to give permanent benefit to the people subjected to B.C.G. Vaccination since 1949-50
62.7	Establishment of Isolation Beds for T. B. Patients at Amritsar and Tanda	..	..	3.13	1.00	Isolation beds for 100 incurable patients will be added to the Sanatorium

63.8	Grant-in-aid to T. B. Clinics	..	..	4.50	..	Grant-in-aid will be provided to voluntary organisations maintaining private T. B. Clinics in the State
64.9	Rehabilitation Centre for 75 Ex-T.B. Patients	..	..	0.46	0.46	Arrangements will be made to provide facilities for the rehabilitation of 50 patients. In the end rehabilitation centres will be established for the purpose
65.10	Improvement of Leprosy Clinics and Homes in the State	..	..	0.75	..	Grants-in-aid will be given to voluntary organisations maintaining Leprosy Homes
<i>(d) Venereal Diseases</i>							
66.11	Mobile Unit for Control of Venereal Diseases	..	..	1.00	..	The Mobile Unit will help in pilot survey, blanket treatment, on-the-spot diagnosis and collection of blood for S.T.S to control V. D.
<i>(e) Small-pox</i>							
67.12	Expansion of the Vaccine Institute, Amritsar, to increase production of vaccine lymph	}	8.25	0.30	40.00	3.00	} Additional equipment and staff will be provided in the Institute to meet the requirements of increased production of Vaccine An organisation will be set up on State basis and additional staff will be engaged to check Small-pox
68.13	Organisation of eradication of Small-pox						
<i>(f) Other Diseases</i>							
69.14	Control of Hook-worm Diseases	..	..	3.00	..	Three Mobile units will be engaged to control the disease in sub-montane districts of the State
Total of New Schemes		72.05	0.30	310.34	4.46		
Total of Group VI		72.69	0.94	314.05	8.17		
GROUP VII—FAMILY PLANNING							
70.1	Family Planning Programme in the State	4.00	..	34.00	..	150 new Clinics will be started	
Total Group VII		4.00	..	34.00	..		
GROUP VIII—LABORATORY SERVICES							
<i>Spill-over Schemes</i>							
71.1	Establishment of State Health Laboratory	1.00	1.00	7.30	7.30	State Laboratory will be completed and regional laboratories opened for better diagnosis and research	
Total of Spill-over Schemes		1.00	1.00	7.30	7.30		

Head.—Health (Medical)—contd

(Rupees in lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
Group VIII—LABORATORY SERVICES—concl'd						
<i>New Schemes</i>						
72.2	Establishment of State and one Regional Laboratory in the State	..	..	2.85	..	As against scheme No. 71
73.3	Opening of Biological Water analysis section in the Food Laboratory in the State	..	..	1.00	..	Biological Standardization Section, Drug Section, Water Analysis Section will be added to the proposed State Public Health Laboratory at Chandigarh
74.4	Establishment of Regional Laboratory in the State	..	..	2.00	1.00	Bacteriological Laboratory at Karnal will be upgraded to a Regional Laboratory to meet the requirements of expansion in Medical facilities in the districts
75.5	Improvement of Bacteriological Laboratory at Karnal	..	..	0.25	..	Self-explanatory
	Total of New Schemes	..	..	6.10	1.00	
	Total of Group VIII	1.00	1.00	13.40	8.30	
GROUP IX—HEALTH EDUCATION						
76.1	Health Education Bureau	..	..	3.80	..	Establishment of a Health Education Bureau in the State <i>inter alia</i> to train personnel of Department of Health, Social Welfare, Community Development in modern health education methods and techniques
	Total of Group IX	..	..	3.80	..	

GROUP X—SCHOOL HEALTH

77.1	School Health Services in ten towns	..	..	6.00	..	Urban School Health Clinics will be established in ten towns
Total of Group X		..	..	6.00	..	

GROUP XI—RESEARCH AND STATISTICS

78.1	Establishment of Epidemic-logical unit in the State	..	..	2.00	..	The Unit will be started in order to control diseases like Small-pox, Typhoid and other complicated diseases as per recommendations of the World Health Organisation
79.2	Improvement of vital statistics	..	..	1.00	..	Collection process of vital statistics will be improved
Total of Group XI		..	..	3.00	..	

GROUP XII—ADDITIONAL ADMINISTRATIVE STAFF

80.1	Re-organisation and expansion of Directorate of Health Services, Punjab	1.00	..	5.20	..	Additional staff will be provided in the Health Directorate to cope with the increasing work-load
Total of Group XII		1.00	..	5.20	..	

GROUP XIII—DRUG CONTROL

81.1	Appointment of additional Drug Inspectors	..	..	3.00	..	Additional Drug Inspectors and other supervisory staff will be engaged to meet the statutory requirements
Total of Group XIII		..	..	3.00	..	

GROUP XIV—MISCELLANEOUS

82.1	Rehabilitation of handicapped	..	..	2.00	1.50	30 handicapped persons will be trained annually in a Centre attached to the Medical College, Amritsar
Total of Group XIV		..	..	2.00	1.50	
Grand Total of Groups I—XIV		162.56	62.91	907.00	364.33	

Head.—Ayurveda (Health)

(Rs in lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
1	Completion of Government Ayurvedic College, Patiala	1.76	1.50	8.90	5.26	Equipment, staff and facilities like play-ground are to be provided to Government Ayurvedic College, Patiala
2	Completion of Government Ayurvedic Hospital, Patiala	1.12	1.00	9.72	5.32	Fifty more beds will be added to the Government Ayurvedic Hospital, Patiala
3	Expansion of Government Central Pharmacy, Patiala	0.75	0.21	5.01	1.01	Staff, machinery and buildings are to be provided to the Central Government Pharmacy, Patiala
4	Establishment of one Circle Office in hilly areas of the State	0.14	..	1.00	..	} Establishment of five circles as subordinate offices for supervisory work in districts is envisaged
5	Establishment of four Circle Offices in non-hilly areas of the State	0.57	..	4.02	..	
6	Opening of 55 Ayurvedic/Unani Dispensaries in hilly areas of State	0.35	..	7.42	..	55 new dispensaries will be opened to cater to the needs of hilly areas in the State
7	Expansion of Directorate	..	..	0.58	..	Additional staff has to be provided in the Directorate to cope with the increase in work
8	Establishment of two ten-bedded Ayurvedic Circle Hospitals in hilly areas of the State	1.00	1.00	4.54	0.96	} Five ten-bedded circle Hospitals will be opened to cater to the needs of rural areas
9	Establishment of three ten-bedded Ayurvedic Circle Hospitals in non-hilly areas of the State	1.08	1.08	6.81	4.44	
Total		6.77	4.79	48.00	18.99	

Head.—Health-iii—Water-supply

(Rs in lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
1	National Water-supply and Sanitation Scheme (Urban)	35.47	35.47	250.00	250.00	The Scheme envisages pure drinking water-supply and creation of proper environmental hygienic conditions in urban areas
2	Spill-over and hilly and Sandy area Rural W/S Schemes	5.00	..	42.50	..	Arrangements for piped water-supply in remote, sandy and hilly areas will be made
3	State Grants — (i) for item (2) above	3.80	:	32.50	..	The Scheme envisages grant-in-aid to Local Bodies in rural areas for their piped water-supply schemes
4	For Urban schemes and isolated works	6.20	..	30.00	..	Grant-in-aid for piped water-supply schemes will also be given to deserving Local Bodies in urban areas
	Total	50.47	35.47	355.00	250.00	

Head.—Housing

(Rs in lakhs)

Serial No.	Name of the Scheme	1961-62		1961—66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
STATE SECTOR						
1	Subsidised Industrial Housing Scheme	9.53	5.49	50.00	29.32	Construction of 1,370 houses will be subsidized under the existing patterns
2	Low-Income Group Housing	18.00	18.00	135.50	135.50	Envisages grant of easy-term loan not exceeding Rs 8,000 per house for the construction of 2,710 houses
3	Village Housing Projects Scheme	6.00	6.00	42.00	42.00	Grant of loans not exceeding Rs 2,000 per house repayable in 20 years for the construction of houses in 200 selected villages
4	Slum Clearance Scheme	1.75	..	12.50	..	Envisages clearing up of slums by granting financial assistance to low-income families for construction of new houses
	Total	35.28	29.49	240.00	206.82	

Head.—Labour and Labour Welfare (Labour welfare)

(Rs in lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of the schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
1	Reorganisation of State Conciliation machinery	0.59	..	3.20	..	In order to cope with the increased scope staff will be appointed exclusively to deal with and superintend the work of the State Conciliation machinery hitherto done on part-time
2	Scheme for strengthening the Evaluation and Implementation Section	..	..	1.00	..	Strengthening of the ministerial staff at Headquarters to cope with the enormously increased work of evaluation, etc.
3	Better effective enforcement of Minimum Wages Act, 1948	0.31	..	3.10	..	Creation of whole-time inspecting machinery consisting of eight inspectors with ancillary ministerial staff is envisaged to effectively enforce the minimum Wages Act
4	Scheme for making improvement in the working of the Labour Welfare Centres in the State	0.05	..	2.74	..	Entertainment of 21 Welfare Assistants for the existing 21 Labour Centres for supervision and ancillary ministerial staff
5	Opening of Research and Statistical Section in the office of the Labour Commissioner, Punjab	0.26	..	1.87	..	Self-explanatory
6	Training of staff	0.01	..	0.09	..	Training of nine officers in the Short-term Intensive Social Work Course of the All-India Institute of Social Welfare and Business Management
	Total	1.22	..	12.00	..	

Head.—Labour and Labour Welfare (Employees State Insurance Scheme)

(Rs in lakhs)

Serial No.	Name of the Scheme	1961-62		1961—66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
1	Creation of additional posts for the A.D.H.S. Office	0.03	..	0.16	..	Strengthening of Headquarters office to cope with expanded work
2	Training facilities for ancillary staff for recruitment in E.S.I. Dispensaries	0.05	..	0.27	..	Training of ancillary personnel, e.g., Nurses 20, Lady Health Visitors 20, Mid-wives 26, Dispensers 88, etc.
3	Extension of E.S.I. Scheme to the new areas	0.40	..	5.24	..	Extension of programme to cover 25,000 additional workers employed in the various industrial areas by employing 34 doctors and other ancillary personnel.
4	Rent of State Insurance Dispensaries to be established in the implemented/new areas	0.04	..	0.33	..	Self-explanatory
	Total	0.72	..	6.00	..	

Head.—Labour and Labour Welfare (Employment Exchanges)

(Rs in lakhs)

Serial No.	Name of the Scheme	1961-62		1961—66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
1	Expansion of Employment Service	0.34	..	3.96	..	Opening of 12 additional Employment Exchanges and upgrading of two sub-offices besides setting up of 19 Rural Employment Information Bureaus
2	Collection of Employment market information	0.12	..	0.76	..	Providing equipment and strengthening of the existing staff in Employment Exchanges so as to deal with the collection of market information relating to various trades
3	Vocational Guidance	0.12	..	1.20	..	Setting up of six additional Vocational guidance and Employment Counselling in collaboration with the Educational authorities in the State to enrol the students to select their careers
4	Occupational Research and Analysis	0.01	..	0.08	..	Minor staff scheme
	Total	0.59	..	6.00	..	

Head.—Labour and Labour Welfare (Craftsmen Training)

(Rs in lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
1	Scheme for the starting of new Industrial Training Institutes for the development of Craftsmen Training Schemes	3.10	3.10	59.17	20.80	11 new Industrial Training Institutes with a seating capacity of 2,640 seats will be opened at Kulu (192); Nangal (256); Batala (256); Patti (208); Panipat (256); Sirsa (256); Simla (192); Chandigarh (256); Narwana (256); Mohindergarh (256); and Bhatinda (256)
2	Scheme for the introduction of additional seats at the existing Centres/Institutes	5.76	2.09	28.25	7.05	1,016 additional seats will be added at the existing Centres/Institutes at Jullundur (40); Amritsar (32); Pathankot (32); Sonapat (160); Hissar (104); Gurgaon (104); Ambala (160); Phagwara (104); Nabha (32); Rajpura (144); Ferozepur (72); and Rohtak (32)
3	Apprenticeship Training Scheme	..	..	3.54	..	It is proposed to set up 12 units in the important Industrial Establishments with 50 seats in each unit
4	Evening Classes for Industrial Workers	0.03	..	1.51	..	Provision of 300 seats for imparting training to Industrial Workers in Mathematics, reading blue prints, Elementary Trade Theory and use of Precision Instruments to improve their knowledge
5	Training of Principals and Inspecting Officers	0.01	..	0.05	..	Starting Refresher Course to train 25 Principals and Inspecting Officers in modern method of training and administration
6	Spill-over scheme of the 2nd Five-Year Plan (purchase of Tools and construction of buildings)	4.00	2.00	4.00	2.00	A spill-over for securing equipment and construction of buildings

7	Headquarters and Divisional Staff	0.40	..	4.00	..	Strengthening of Headquarter staff, etc., to cope with the increased work
8	Hostel and Staff Quarters	4.80	4.80	18.31	18.31	Provision of Hostel accommodation to the trainees admitted in various Centres/Institutes and staff quarters
9	Scheme for the grant of financial assistance to private parties for the opening of Industrial Training Centres/Institutes	..	..	7.02	..	Grant of financial assistance to private parties for the opening of Industrial Training Centres/Institutes to meet the need of a large number of Craftsmen required for the development of Industries
10	Supply of deficient tools and equipment and additions and alterations to the existing buildings under V.T.C. Schemes	2.40	1.20	4.65	1.20	Supply of deficient tools and equipment and making additions and alterations to the existing buildings under the V.T.C. Scheme
Total		20.50	13.19	131.00	49.36	

Head.—Welfare of Scheduled Tribes and Development of Scheduled Areas

(Rs in lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
COMMUNICATIONS						
1	Making Koksar Zing Zang Bar road—Making Koksar-Keylong section Truckable	0.83	0.83	7.00	7.00	With the provision made in the 3rd Plan about 16 miles of jeepable road is proposed to be made truckable
2	Tools and Plant	0.83	0.83	3.00	3.00	Essential items of machinery for execution of schemes will be purchased
3	Buildings	0.34	0.34	2.50	2.50	Two Rest-houses, 3 Sarais and 3 motor garages will be constructed during 3rd Plan
4	Jhoolas	0.34	0.34	1.66	1.66	Sixteen jhoolas will be provided across the various Nullahs
5	Improving Tandi-Throat Road	0.16	0.16	4.00	4.00	About 7 miles of bridle road will be made jeepable
6	Air Strip in Spiti Valley	..	..	1.84	1.84	Air strip will be provided
7	Establishment Charges	0.50	0.50	4.00	4.00	Self-explanatory
IRRIGATION						
8	Investigation, repairs and construction of Kuhl in Lahaul and Spiti Valley	3.00	3.00	16.00	16.00	Investigations for the constructions of new kuhl in Lahaul and Spiti would be carried out, in addition to the repair and construction of Kuhl
AGRICULTURE						
9	Seed-cum-Demonstration Farms	0.10	0.10	0.75	0.75	In order to meet the local demand of improved seeds, it is proposed to produce the seed in that area and therefore two seed-cum-demonstration farms are being established at Shainsha in Lahaul Valley
10	Research Farm at Shainsha	0.27	0.27	1.00	1.00	In order to evolve suitable varieties of Kuth, Wheat and Barley which are the cash crops of these valleys a research farm is being established at Shainsha in Lahaul Valley

11	Development of Fruit Industries	0.18	0.18	0.87	0.87	Under this scheme it is proposed to establish two experimental-cum-progeny orchards in Lahaul and Spiti Valleys so that growers may be able to get the plants at the spot thereby developing the fruit industry in the areas
12	Plant Protection Unit	0.07	..	0.37	..	The aim of the scheme is to minimise the losses caused to crops and fruit trees by helping the cultivators to carry out control measures against different pests and diseases damaging their crops
13	Training of local residents	0.05	..	0.31	..	Self-explanatory
14	Subsidy on the Transportation of seeds	0.004	..	0.02	..	To step up food production in Lahaul and Spiti, it is desired to give subsidy to the extent of 50 per cent in the transportation charges of improved seeds of wheat and barley from Manali to Keylong and Kaza because transportation of seeds is very costly and poor tribal people illafford the same

MEDICAL

15	Opening of four dispensaries at Rangrik, Hansa Jispa and one in Pin Valley	0.76	..	4.40	..	In order to improve medical facilities in Lahaul and Spiti, four dispensaries would be opened at Hansa, Rangrik, Jispa and one in Pin Valley
16	Upgrading of dispensaries	0.14	..	0.78	..	Two dispensaries at Shainsha and Kaza would be upgraded and placed under the charge of Class I (Gazetted) Civil Assistant Surgeon
17	Construction of a dispensary at village Gondla	..	..	1.68	1.68	Envisages provision of new building as the present hired building for the dispensary does not serve the purpose
18	Training of two doctors and two dispensers	0.04	..	0.20	..	As due to difficult terrain, qualified technical personnel do not stick to these areas, training of necessary personnel in various subjects is envisaged. The successful candidates are expected to serve these areas for about three years
19	Training of Sanitary Inspectors and Auxillary Nurse Midwives	0.03	..	0.12	..	Ditto

ELECTRICITY

20	Electrification of Lahaul and Spiti	13.94	..	Self-explanatory
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CO-OPERATION

21	Assistance to Co-operative Consumers Stores	0.13	0.10	0.95	0.50	To ensure supply of essential daily requirements at fair price, five consumers' stores would be set up
22	Strengthening of Kuth Growers Co-operative Marketing Societies	0.35	..	1.30	0.75	One principal godown with 8 feeder godowns would be set up, in addition to the managerial subsidy of Rs 0.25 lakhs and long term working capital loan of Rs 0.15 lakhs
23	Establishment Charges	0.22	..	1.20	..	It is proposed to augment the existing staff for organisation and supervision of Co-operative Schemes

Head.—Welfare of Scheduled Tribes and Development of Scheduled areas

Serial No.	Name of the Scheme	1961-62		1961—66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
FORESTS						
24	Development of Forest Works in Scheduled areas in Lahaul	0.86	..	4.75	..	To meet the ever-growing demand of fire wood and timber, it is proposed to raise irrigated forests
25	Development of Forest Works in Scheduled area in Spiti	0.27	..	1.65	..	In order to meet the shortage of regular forests in Spiti and to meet the fuel requirements, concentrated plantations would be undertaken
26	Soil Conservation Works and Grass land improvement in Lahaul	0.06	..	0.40	..	Soil Conservation and anti-erosion measures would be undertaken. Grass land improvement work will also be taken in hand to bind soil and improve fodder supplies
27	Soil Conservation Works and Grass Land Improvement in Spiti	0.03	..	0.20	..	Ditto
ANIMAL HUSBANDRY						
28	Construction of Government buildings for Veterinary Hospital at Keylong	0.18	..	1.60	..	A veterinary hospital building, staff quarters and sheds for animals would be constructed
29	Scheme for the opening of Veterinary Dispensaries at Suitable places	0.22	..	0.94	..	Two more veterinary dispensaries would be opened in Lahaul Valley
30	Scheme for the grant of stipends to the students of Lahaul and Spiti	0.03	..	0.14	..	Stipends of Rs 100 per mensem and Rs 60 per mensem to students to be trained as Assistant Surgeon and Stock Assistant/Veterinary Compounder, respectively are envisaged on the condition of these students serving Lahaul and Spiti for some time
31	Scheme for the supply of 25 Yaks and 200 rams	0.10	..	0.50	..	Self-explanatory
32	Scheme for the distribution of birds at subsidized rates amongst the Backward and Scheduled Tribes	0.06	..	0.30	..	Ditto
WATER-SUPPLY						
33	Water supply scheme for the welfare of scheduled tribes and development of scheduled area of Lahaul and Spiti	2.38	..	11.50	..	In order to meet the short water-supply in the scheduled area of Lahaul and Spiti, where springs get blocked due to heavy snow fall, this scheme has been conceived

INDUSTRIES

34	Establishment of Namda Felting and Carpet Weaving Training Centre	0.31	..	1.83	..	In order to improve the economic conditions of these areas, a Namda Felting and Carpet Weaving, Training Centre at Kaza in Spiti Valley will be established to exploit the raw wool which is at present exported to plains
35	Construction of a building for Namda Felting-cum-Chain Stich embroidery	0.24	0.24	1.40	1.40	Self-explanatory
36	Extension of Government Wool Spinning and Weaving Demonstration Party	0.20	..	1.15	..	Increase in intake in weaving and spinning trades by 25 and 20 students respectively is envisaged
37	Provision of stipends	0.06	..	0.37	..	The inhabitants being very poor, it is proposed to provide stipends to trainees in different trades, e.g., leather training, wood working, textile technology, etc.

EDUCATION

38	Development of education in the Scheduled areas of Lahaul and Spiti	3.00	0.69	18.13	3.14	It is proposed to open 15 new Primary Schools, to upgrade 5 primary schools to Middle Standard and to convert all existing primary schools into basic type. In addition mid-day meals, free books and stationery would be provided and stipends granted. The annual intake at Government High School, Manali, will be raised from 75 to 100 and construction of two middle school buildings and extension of hostel buildings will be undertaken
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PUBLIC RELATIONS

39	Publicity	0.16	..	0.50	..	To enlighten the people about the development activities of the State and to make them politically conscious, it is proposed to give cinema shows, films, etc.
40	Tourism	0.05	..	0.75	..	To keep up the growing importance from the tourist point of view, tourism would be developed
Total		16.61	7.03	114.00	45.89	

Head.—Welfare of Scheduled castes, other Backward Classes and Vimukt Jatis
(Rs in lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of the scheme
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
(A) WELFARE OF SCHEDULED CASTES						
1	Award of Scholarships and reimbursement of tuition fees to students	19.30	..	116.90	..	1,70,600 students belonging to such castes would be allowed reimbursement of tuition fees, refund of public examination fees and the award of stipends
2	Subsidy for the purchase of agricultural land	6.82	..	39.40	..	Grant of subsidy of Rs 2,000 each to members of the Scheduled Castes for the purchase of agricultural land
3	Industrial Training in Mills/factories, etc.	0.65	..	4.00	..	Giving of apprenticeship training in mills/factories/institutions to 1,334 trainees
4	Industrial Training in Centres	1.00	..	6.00	..	Imparting of industrial training to 475 persons in trades like Carpentry, Handloom, Weaving, Shoe-making, tailoring and hand-embroidery and hosiery
5	Subsidy for house-sites and houses for Scheduled castes other than those engaged on unclean occupation in rural areas—					
	(i) Houses	0.99	..	3.50	..	To remove slums areas and to raise the standard of living, subsidy is envisaged for 466 deserving people, for the construction of houses and to 375 persons for the purchase of house sites
	(ii) House-sites	0.22	..	0.75	..	Subsidy of Rs 500 each to 870 families for the construction of houses/wells is envisaged
	(b) Subsidy for houses/wells under Land purchase Scheme	0.62	..	4.35	..	
6	Drinking Water-wells	1.25	..	5.00	..	Sinking of 530 wells for drinking water-supply to Scheduled Castes
7	Community Centres	1.25	..	5.00	..	Setting up of 29 Community Centres for teaching Children and women about cleanliness, good behaviour, social education, cooking, etc.
8	Legal Assistance	0.25	..	1.00	..	In order to protect the members of the Scheduled Castes against the tyrannies of the landlords and other exploiting classes, assistance for engaging part-time counsels is envisaged
	Total Scheduled Castes	32.35	..	185.90	..	

(B) WELFARE OF OTHER BACKWARD CLASSES

9	Award of Scholarships	..	9.86	..	34.00	..	Giving re-imbursement of tuition fees and examination fees and stipends to 50,500 students belonging to backward classes
10	Industrial Training in Mills/Factories, etc.	..	0.04	..	0.20	..	Giving of stipends to 65 trainees for training on apprenticeship basis
11	Industrial Training in Centres	..	0.06	..	0.30	..	Giving of stipends to 99 trainees in various trades like carpentary, shoe-making, tailoring, etc.
Total Other Backward Classes		..	9.96	..	34.50	..	

(C) WELFARE OF VIMUKT JATIS

12	Award of Scholarships	..	0.42	..	1.60	..	Award of stipends to 1,600 students belonging to backward classes to attract them towards education
Total Vimukt Jatis		..	0.42	..	1.60	..	
GRAND TOTAL		..	42.73	..	222.00	..	

Head.—Social Welfare

(Rs in lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of the schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
I. CHILD WELFARE						
1	Holiday Homes	0.60	..	5.00	..	Extension in the activities of the existing Holiday Homes and to open 4 new Homes
2	Bal Bhawan	0.40	..	3.00	..	Expansion of the Bal Bhawan at Karnal, involving increase in the number of inmates to 300
3	Foster Care Service	0.15	..	1.00	..	Giving grants to 50-60 destitute women/families for the maintenance of orphaned children
4	Children's Clubs	0.50	..	2.50	..	Setting up of Children Clubs in four industrial towns of the State, where juvenile delinquency is most acute
5	Nursery for Children of Women Prisoners	0.14	..	0.33	..	A Nursery for Children of Women Prisoners will be set up
6	Other Scheme of implementation of Children Act	0.25	..	3.25	..	To segregate Juvenile Delinquents from the children, to reform them and to make them useful members of the society
	Total	2.04	..	15.08	..	
II. SOCIAL DEFENCE						
1	Detention, Training of Juvenile Delinquents (Certified Schools)	0.50	..	1.75	..	Setting up of a certified school for the training of Juvenile delinquents
2	Protective Homes	0.37	0.10	1.25	0.10	Setting up of an additional Protective Home for 100 inmates
3	Probation Services for Adult Offenders	0.50	..	2.50	..	Envisages enforcement of the provisions of the Probation of Offenders Act, 1958, in 18 districts under a phased programme
4	Eradication of Beggary	..	..	1.50	..	Setting up of one Beggar Home
5	Welfare Services in Prisons	0.08	..	0.50	..	Appointment of a specialised officer in each of the eight of the important jails to console and advise the new prisoners
	Total	1.45	0.10	7.50	0.10	

III. SOCIAL MORAL HYGIENE AND AFTER-CARE PROGRAMME							
1	After-Care Programme	..	0.75	0.25	3.00	0.50	Expansion in the facilities in the existing three After-Care Homes and two District After-Care Shelters including building programmes of Rs 1.50 lakhs
IV. STATE WELFARE BOARD SCHEMES							
1	Welfare Extension Projects	..	1.38	..	13.38	..	Financing the continuance of the 10 existing Welfare Extension Projects during 1961-62
V. ADMINISTRATION, TRAINING AND RESEARCH							
1	Administrative and Supervisory staff	..	0.30	..	2.50	..	Self-explanatory
2	Training Programmes	..	..	..	2.00	..	Training of voluntary social workers and the personnel of the Social Welfare Department
3	Research-cum-Information Centre	..	0.20	..	2.00	..	Expansion in the programme of the existing Centre to undertake surveys and conduct research in social welfare problems
Total		..	0.50	..	6.50	..	
VI. Grant-in-aid							
..		..	1.25	..	12.00	..	Grant-in-aid to voluntary welfare organisations
VII. WELFARE OF AGED AND INFIRM							
1	Homes for old and infirm	..	0.60	..	4.00	..	Setting up of a Shelter Home for 200 old and infirm persons
VIII. WELFARE OF PHYSICALLY HANDICAPPED							
1	Blind Welfare	..	0.60	..	6.34	2.00	Establishment of a training Centre for the adult Blinds and expansion in the intake of the existing Institute for the Blind, Panipat, from 50 to 150 students
2	Deaf and Dumb School	..	0.55	..	3.50	..	Setting up of one institution for Deaf and Dumb 100 children
3	Welfare of the Orthopaedically Handicapped	..	..	..	3.00	..	Establishment of a school for the Orthopaedically Handicapped children
Total		..	1.15	..	12.84	2.00	
IX. PUBLIC CO-OPERATION							
1	Research, Training Pilot Projects	..	..	..	3.00	..	Scheme involves Research, Training-cum-Pilot Projects Lok Karya Kshetras and Planning Forums.
2	Lok Karya Kshetras	..	..	..	1.20	..	The Karya Kshetras at maximising voluntary effort in the implementation of the Plan Programmes
3	Planning Forums	..	..	..	0.50	..	
Total		..	..	..	4.70	..	
GRAND TOTAL		..	9.12	0.35	79.00	2.60	

Head.—Capital Project

(Rs in lakhs)

Serial No.	Name of the Scheme	1961-62		1961—66		Brief description of the schemes
		Total	Capital	Total	Capital	
1	State Capital Project	76.13	76.13	500.00	500.00	The new works under this scheme will mainly consist of additional office and residential accommodation development of new sectors, addition of the Museum of Knowledge, etc. The gross cost will be Rs 850.00 lakhs

Head.—Printing

Rupees in lakhs

Serial No.	Name of the Scheme	1961-62		1961—66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
1	Establishment of a separate Unit for Printing and supply of forms	2.17	2.17	16.75	13.00	Envisages establishment of a separate press for printing of forms in four languages and accommodation for their storage.
2	Establishment of a press for the Printing of Nationalised Text-books	0.03	..	14.45	10.50	Envisages completion of a separate press for the printing of nationalised text books.
3	Opening of Text-books sales Depots ..	1.00	1.00	5.30	3.00	Construction and running of four text books Sales Depots at Rohtak, Bhatinda, Pathankot and Patiala and adjoining areas for the supply of nationalised text-books.
4	Training of Personnel (Supervisory and Executive)	0.09	..	0.70	..	Grant of stipends to suitable youngmen to be trained in Printing and Allied subjects
5	Training abroad of personnel ..	..	..	0.30	..	Envisages deputing 3 senior officers abroad to get themselves acquainted with the latest techniques methods of production and industrial management.
6	Machinery and equipment for Government Press, Chandigarh	..	..	3.00	3.00	Supplementing the Government Press at Chandigarh with Machinery and equipment.
7	Construction of Building for Stationery Stores/ Book Depots	3.50	3.50	5.50	5.50	Construction of a building to provide space for the stationery stores and Government publications.
Total		6.76	6.67	46.00	35.00	

Head—Statistics

(Rupees in lacs)

Serial No.	Name of the Schemes	1961-62		1961-66		Brief description of the Schemes
		Total	Capital	Total	Capital	
		3	4	5	6	

Continuing Scheme—

1	Training of Statistical personnel	0.09	..	1.60	..	Staff engaged in collecting statistical data in various departments will be imparted training under the scheme
<i>New Schemes—</i>						
2	District Statistical Officer, Simla	0.07	..	0.41	..	A separate district Statistical Officer will be appointed for Simla under the Scheme
3	(i) State Income Estimation	0.15	..	0.76	..	Arrangements will be made for making estimates of State Income
	(ii) Development of Public Finance Statistics	0.24	..	1.94	..	So as to gauge impact of developmental activities in the public Sector, sample surveys and other researches will be conducted
	(iii) Sample Census of population and demographic studies	0.37	..	2.11	..	Census surveys of population, births and deaths in different age/sex groups will be conducted annually
	(iv) Guidance to District Statistical Agencies	0.26	..	2.19	..	This is to strengthen supervision over and to provide guidance to the District Statistical Agencies.
4	Farm Management studies	0.56	..	3.82	..	Studies to find out cost of production of major crops in the State will be conducted

5	Parity Index	..	0.43	..	0.89	..	Surveys will be conducted to find out "Weights diagrams" of the prices paid and prices received by the farmers
6	Ad hoc Surveys	..	0.20	..	4.03	..	The scheme provides for ad hoc surveys necessitated by the economic policies of the State from time to time
7	Printing of Publications of E.S.O.	..	0.13	..	1.25	..	Covers expenditure on Statistical publications
Total		..	2.50	..	19.00	..	

Head.—Publicity

(Rupees in lakh)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of the Schemes	
		Total	Capital	Total	Capital		
		1	2	3	4		5	6	7
1	Community Listening	..	0.81	..	7.50	..	Providing 3,000 additional sets and for the maintenance thereof and the existing sets
2	Rural Publicity (including Conferences and meetings and Gramophone Records)	..	1.54	..	9.25	..	In order to arouse enthusiasm for socio-economic development, purchase of 11 vans, holding of 10,000 meetings and conferences and preparation of 10 Gramophone records is envisaged
3	Information Centres	..	0.49	..	6.00	..	Improvement of service at existing centres, and the provision of three buildings at divisional headquarters and one at State level
4	Administrative staff at headquarters	..	0.29	..	2.50	..	Strengthening of the headquarters staff to cope with the additional work
5	Purchase and production of literature	..	0.49	..	3.50	..	Publication of 250 posters/pamphlets/folders
6	Purchase and production of films	..	1.34	..	6.00	..	Preparation of two feature films, 10 documentaries and purchase of 40 copies of films and one van

Head.--Tourism

(Rs in lakhs)

Serial No.	Name of the Scheme	1961-62		1961-66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
<i>Centrally Sponsored Part II Schemes</i>						
1	Three Tourist cottages at Katrain	..	..	0.40	..	Self-explanatory
2	Camping Ground for mules and shed for muleteers at Manali	0.25	..	0.25	..	Putting up of a camping ground and a shed for mules and muleteers at Manali
3	Illuminations of Pinjore Gardens	..	..	0.50	..	In order to attract tourists, illumination arrangements at Pinjore Gardens are envisaged
	Total	..	0.25	..	1.15	..

State Schemes Part III Schemes

4	L.I.G. Rest House, Manikaran	..	..	1.00	..	Self-explanatory
5	L.I.G. Rest House, Baijnath	..	..	1.00	..	Self-explanatory
6	L.I.G. Rest House, Talwara	..	..	2.00	..	Self-explanatory
7	L.I.G. Rest House, Anandpur	..	..	1.00	..	Self-explanatory

8	L.I.G. Rest House, Palampur	..	..	..	2.00	..	Self-explanatory
9	L.I.G. Rest House, Kothi	..	..	..	1.50	..	Self-explanatory
10	Tourist Rest Camps at Manali in Kulu Valley	0.50	..	..	1.00	..	Twenty camps would be put up for the convenience of tourists
11	Construction of baths and public conveniences	2.19	..	..	5.35	..	Among other things, setting up of bath rooms at two hot springs at Vashisht and Sohna, and improvement of the wayside picnic spots on Pathankot-Kulu route is envisaged
12	Running of Tourist Information Centres	..	0.80	..	5.00	..	Opening of four new centres and strengthening of the existing ones is envisaged for providing guidance and facilities to tourists
13	Loans to private parties for putting up wayside restaurants and hotels	0.20	..	..	1.00	..	In order to encourage private parties in setting up wayside restaurants at Pathankot-Kulu and Pathankot-Dalhousie routes loans would be granted
Total		..	3.69	..	20.85	..	
GRAND TOTAL-PARTS II AND III SCHEMES		..	3.94	..	22.00	..	

Head.—Special development of Urban Areas not covered in other Sectors

(Rs in lakhs)

Serial No.	Name of the Scheme	1961-62		1961—66		Brief description of the Schemes
		Total	Capital	Total	Capital	
1	2	3	4	5	6	7
1	Special Development of Urban Areas not covered in other Sectors	..	..	65.00	49.00	The scheme envisages grants and loans to Municipalities and Local Bodies for Development Schemes in Urban areas not covered under other sub-heads of development

Statement III showing Sub-Head-wise provision of spill-over from Second Plan to Third Plan

(Rupees in lakhs)

Serial No.	Name of Sub-Head	Provision in Third Plan	REMARKS
1	2	3	4
1	Agricultural Production	15.00	
2	Minor Irrigation	54.00	
3	Animal Husbandry	6.57	
4	Dairying and Milk Supply	17.00	
5	Co-operation	31.66	
6	Multipurpose Projects	1072.00	
7	Major and Medium Irrigation	550.00	
8	Industries	21.62	
9	Roads	685.48	
10	General Education	37.79	
11	Technical Education	207.87	
12	Health	61.00	
13	Housing	10.74	
14	Labour and Labour Welfare	4.00	
15	Capital Project	401.58	
	Total	3176.31	

List of Spill-over Schemes Sub-Head wise included in Third Plan

(Rupees in lakhs)

Serial No.	Name of Scheme	Provision in Third Plan
1	2	3
1.—AGRICULTURAL PRODUCTION		
1	Construction of Government Agricultural College, Ludhiana	2.25
2	Construction of Research Institute of the Government College, Ludhiana	2.87
3	Development of Post-Graduate Institute	4.95
4	Pot-culture and Glass houses and Dairy Farm building	2.95
5	Water-supply installation and Electrical and Sanitary Services at the Government Agricultural College and Research Institute	1.98
	Total	15.00

(Rupees in lakhs)

Serial No.	Name of Scheme	Provision in Third Plan
1	2	3
2.—MINOR IRRIGATION		
1	Tube-well Projects (old)	54.00
	Total	54.00
3.—ANIMAL HUSBANDRY		
1	Completion of College building at Hissar	6.57
4.—DAIRYING AND MILK SUPPLY		
1	Establishment of Milk Supply Union at Chandigarh	1.50
2	Establishment of Composite Milk Plant, Amritsar	11.00
3	Scheme for construction of Modern Dairy building along with a complete set of Pasteurisation Plant at the Government Livestock Farm, Hissar	2.50
4	Strengthening of existing Dairies construction of sheds for milch animals at the Government Livestock Farm, Hissar	2.00
	Total	17.00
5.—CO-OPERATION		
1	Establishment of Co-operative Sugar Factories	10.00
2	Reorganisation and Revitalisation of Rural Credit Societies	21.00
3	Primary Marketing Societies	0.66
	Total	31.66
6.—MULTIPURPOSE PROJECTS		
1	Bhakra-Nangal Project (Irrigation Portion)	354.00
2	Left Bank Power House (Electricity Portion)	718.00
	Total	1072.00

(Rupees in lakhs)

Serial No.	Name of Scheme	Provision in Third Plan
1	2	3
7.—MAJOR AND MEDIUM IRRIGATION		
1	Sirhind Feeder Project	10.00
2	Gurgaon Canal Project	150.00
3	Western Jumna Canal Remodelling	150.00
4	Western Jumna Canal Feeder (Sirsa Munik Link)	155.00
5	Extension of Irrigation (Lift) from Western Jumna Canal to Rewari	50.00
6	Madhopur Beas Link	10.00
7	Extension of non-perennial Irrigation	20.00
8	Spill-over Projects	5.00
	Total	550.00
8.—INDUSTRIES		
I.—MINES AND MINERALS		
1	Development of Mines and Minerals in the Punjab	1.50
	Total	1.50
II.—SMALL SCALE INDUSTRIES		
2	Industrial Estates	10.00
3	Wood Seasoning Plant, Kartarpur	3.32
4	Development and Testing Centre for Sound Products, Jullundur	1.86
5	Provision of raw material and marketing facilities	0.95
	Total	16.13

(Rupees in lakhs)

Serial No.	Name of Scheme	Provision in Third Plan
1	2	3
8.—INDUSTRIES—CONCLD		
III.—HANDLOOM		
6	Establishment of Sales Depots for Handloom Cloth	0.47
7	Training of Salesmanship	0.06
	Total	0.53
IV.—HANDICRAFTS		
8	Development of Pashmina Industrial Co-operatives in Kulu Sub-Division	0.28
9	Reorganisation of seven Diploma Industrial Schools for Girls	1.06
10	Industrial Schools for Girls	1.22
11	Government Industrial School for Girls (Kulu)	0.90
	Total	3.46
	GRAND TOTAL	21.62
9.—ROADS		
1	Spill-over Roads from Second Plan to Third Plan	685.48
	Total	685.48
10.—EDUCATION—GENERAL		
1	Construction of Buildings of Basic Training School, Kulu	1.50
2	Opening of Non-Basic type Schools in areas other than selected areas for Children of age-group 11—14 (construction of building for Government Middle School, Jethowal)	0.12
3	Construction of buildings for Government Basic Training Schools in selected areas in the State <i>Secondary Group</i>	4.13
4	Completion of buildings of Government Girls High Schools at Ambala, Kaithal and Rupar	1.76
5	Staff in Higher Secondary Schools which have switched over to the Higher Secondary Pattern	6.00

(Rupees in lakhs)

Serial No.	Name of Scheme	Provision in Third Plan
1	2	3
<i>Secondary Group—concl'd</i>		
6	Conversion of existing High Schools into Multipurpose and Higher Secondary Type and other allied schemes ..	5.39
<i>University Group</i>		
7	Completion of building of the College of Education, Kurukshetra ..	2.67
8	Completion of buildings of Women College ..	13.39
9	Improvement of buildings of Government College ..	2.83
	Total ..	37.79
11.—TECHNICAL EDUCATION		
1	Expansion of Punjab Engineering College, Chandigarh ..	10.50
2	Development of Punjab Engineering College, Chandigarh ..	14.60
3	High Voltage Laboratory at Chandigarh ..	1.10
4	Expansion of Polytechnic at Ambala ..	8.80
5	Expansion of Polytechnic at Nilokheri ..	2.10
6	Expansion of Polytechnic at Chandigarh ..	11.70
7	Development of Polytechnic at Ambala ..	6.44
8	Development of Polytechnic at Nilokheri ..	4.76
9	Establishment of Polytechnic, Chandigarh ..	14.00
10	Establishment of Polytechnic, Sirsa ..	} 117.00
11	Establishment of Polytechnic, Batala ..	
12	Establishment of Polytechnic, Guru Teg Bahadurgarh ..	
13	Establishment of Polytechnic, Jhajjar ..	
14	Development of Mehr Chand Polytechnic, Jullundur ..	1.00
15	Junior Technical Schools ..	15.87
	Total ..	207.87

(Rupees in lakhs)

Serial No.	Name of the scheme	Provision in Third Plan
1	2	3
12.—HEALTH (I) MEDICAL		
1	Extension of V. J. Hospital, Amritsar	1.58
2	Establishment of 50-Bedded Orthopaedic Ward at V. J. Hospital, Amritsar	1.43
3	Construction of Nurses Hostel for 250 Nurses at the V. J. Hospital, Amritsar	1.21
4	Completion of Rajendra Hospital, Patiala	0.20
5	Provision of beds for Infectious Diseases Ward and increase of beds in Rajendra Hospital, Patiala	1.29
6	Establishment of Civil Hospital, Dhuri	1.73
7	Establishment of Mental Hospital, Patiala	5.76
8	Additional essential building for the Punjab Mental Hospital, Amritsar	0.50
9	New building and provision of indoor accommodation at Civil Dispensary, Syri	0.15
10	Construction of Dispensary building and staff quarters at Chousa	0.36
11	Providing Tube-well and a Service reservoir for Ram Lal Eye Hospital and T. B. Sanatorium, Amritsar	0.13
12	Provision of X-Ray Plant at Ishri Hospital, Nalagarh	0.25
13	Extension and Improvement of Lady Dufferin Hospital, Patiala	1.75
14	Construction of additional accommodation for incurable Patients at the Mental Hospital, Amritsar	0.84
15	Establishment of Paediatric Centre at Medical College, Amritsar— Completion of staff quarters	0.42
16	(a) Conversion of existing Dispensaries into Health Centres	} 17.20
	(b) Rural Health Centres	
17	Extension of Anatomy Block at Medical College, Amritsar	0.40
18	Additions and alteration of the Medical College, Amritsar, for raising admission in M.B.B.S. from 80 to 100	0.05

(Rupees in lakhs)

Serial No.	Name of Scheme	Provision in Third Plan
1	2	3
19	Construction of quarters for servants in the Medical College, Amritsar	0.14
20	Expansion of Punjab Health School, Amritsar	0.75
21	Construction of building for Dental Clinic and Hospital, Amritsar	0.80
22	Construction of T. B. Sanatorium, Tanda	2.87
23	Extension of Hardinge Sanatorium, Dharampur	0.24
24	V. D. Clinic, Dharampur	0.60
25	Establishment of State Punjab Health Laboratory	7.30
	Total	47.95
AYURVEDIC (HEALTH)		
1	Completion of Government Ayurvedic College, Patiala	2.31
2	Completion of Government Ayurvedic Hospital, Patiala	1.39
3	Expansion of Government Central Pharmacy, Patiala	0.21
	Total	3.91
WATER-SUPPLY (HEALTH)		
1	Rural Water-supply Scheme	9.14
	Total	9.14
	GRAND TOTAL HEALTH	61.00
13—HOUSING		
1	Subsidized Industrial Housing Scheme	10.74
14—LABOUR AND LABOUR WELFARE		
1	Craftsmen Training Scheme (Spill-over of the requirements of tools and equipment and construction of building for existing Centres/Institutes)	4.00
15—CAPITAL PROJECT		
1	Capital Project	401.58
	GRAND TOTAL	3176.31

Statement IV showing selected main targets

Serial No.	Item	Unit	Targets for Third Plan		
1	2	3	4		
I.—AGRICULTURAL PRODUCTION					
1	Seed Stores (additional)	.. Number	100		
2	Improved seed procurement (wheat)	.. 000 Acres	5650		
3	Hybrid Maize Seed Production	.. 000 Acres	400		
4	Foodgrains Production	.. 000 Tons	7850		
5	Cotton Production	.. 000 Bales	1200		
6	Sugarcane Production	.. 000 Tons	900		
			<i>Year</i>	<i>Nitrogenous</i>	<i>Phosphatic</i>
				Tons	Tons
7	Fertilizers (annually) ¹	.. Tons	1961-62	80000	6250
			1962-63	130000	9375
			1963-64	180000	12500
			1964-65	240000	18750
			1965-66	300000	25000
8	Total students to be trained—Degree and Post-Graduate Courses	Number	1640		
II.—MINOR IRRIGATION¹					
9	Percolation wells (Loans)	.. Number	11180		
10	Tube-wells (Loans)	.. Number	488.4		
11	Pumping sets (Loans)	.. Number	4900		
III.—CONSOLIDATION OF HOLDINGS					
12	Area to be re-partitioned	.. Lakh (acres)	78.22		
IV.—ANIMAL HUSBANDRY					
13	Mass Castration of Scrub Bulls	.. Number (000)	2230		

Serial No.	Item	Unit	Targets for Third Plan
1	2	3	4
14	Opening and expansion of Key Village Centres	Number	19
15	Opening of New Veterinary Dispensaries	Number	50
16	Conversion of P. O. L. Ds. into regular Veterinary Hospitals	Number	50
17	Vaccination of animals against R. P. disease	Number in lakhs	40
18	Establishment of Poultry Development Blocks	Number	4
V.—DAIRYING AND MILK SUPPLY			
19	Milk Supply Unions	.. Number	4
20	Composite Milk Plant	.. Number	2
VI-A.—FORESTRY			
21	Raising Conifer Plantations	.. Acre	7000
22	Strip Plantation along Rai Road and Canal strips	Row mile	11000
VI-B.—SOIL CONSERVATION			
23	Afforestation	.. Acre	5750 in addition to 25000 for River Valley
VII.—FISHERIES			
24	Stocking with fish seed to large number of impounded waters	Acre	1000
25	Fish Production (additional)	.. Maund	5600
VIII.—COMMUNITY DEVELOPMENT NATIONAL EXTENSION SERVICE			
26	Blocks to be opened	.. Number	75
IX.—CO-OPERATION]			
27	Small Rural Credit Societies to be strengthened	Number	1500
28	Construction of State Warehouses	.. Number	10

Serial No.	Item	Unit	Targets for Third Plan 1
1	2	3	4
29	Co-operative Farming Societies	.. Number	950
30	Rural population to be covered	.. Percentage	85
31	Villages to be covered by Service Co-operatives	Percentage	100
X.—VILLAGE PANCHAYATS			
32	Panchayats to be benefitted by interest-free loans	Number	1000
XI.—RESETTLEMENT OF LANDLESS AGRICULTURAL WORKERS AND HARIJANS			
33	Resettlement of landless workers	.. Number of families to be benefitted	52500
XII.—MULTIPURPOSE PROJECTS			
34	Additional area irrigated	.. 000 acre	784
35	Additional installed capacity	.. 000 kW.	569
36	Transmission Lines 66 kV. and above	Mile	880
XIII.—MAJOR AND MEDIUM IRRIGATION			
37	Additional area to be irrigated	.. 000 acre	500
XIV.—FLOOD CONTROL AND DRAINAGE			
38	Surface Drainage Schemes	.. Sq. Mile	2486
39	Total area to be benefitted	.. Sq. mile	1781
XV.—POWER PROJECTS			
40	33 kV. Lines	.. Mile	1640
41	11 and 22 kV. Lines	.. Mile	9766
42	Villages to be electrified	.. Number	1600 (additional)
43	Additional Installed Capacity (other than multipurpose)	000 kW.	137

Serial No.	Item	Unit	Targets for Third Plan
1	2	3	4
XVI.—INDUSTRIES			
44	Industrial Schools/Training Centre ..	Number	32
45	Students to be trained in Industrial Schools/Training Centre	Number	5500
46	Co-operative Societies to be organised (Industrial)	Number	1145
47	Factories to be established ..	Number	3
48	Persons/Concerns to be benefitted (with loan /grant)	Number	9230
49	(i) Weavers to be benefitted ..	Number	31500
	(ii) Weavers Co-operative Societies to be benefitted	Number	1400
50	Industrial Estates ..	Number	85
51	Industrial Areas ..	Number	10
XVII.—ROADS			
52	Roads to be constructed ..	Mile	1364
XVIII.—ROADS TRANSPORT			
53	Nationalisation of Passenger Transport (Pepsu Portion)	(1) Number of Diesel Buses	101
		(2) Route Mileage	1634
54	Mandi-Kulu Road Transport Corporation	(1) Number of vehicles	40
		(2) Operational Mileage	156000
XIX.—GENERAL EDUCATION			
55	Additional Teachers facilities to cope the demand for teachers for free and compulsory education	(i) Number of buildings	4
		(ii) Training Units	8

Serial No.	Item	Unit	Targets for Third Plan
1	2	3	4
56	Free and Compulsory Primary Education for children of age-group 6—11	(i) Number of children benefitted	600000
		(ii) Number of teachers required	12000
57	Upgrading of Middle/High Schools into Higher Secondary Schools	Number	350
58	Upgrading of Primary Schools to Middle Standard	Number	350
59	Conversion of 4-year into 3-year Degree Colleges	Number of Colleges	588
XX.—TECHNICAL EDUCATION			
60	Degree students (annual intake progressive)	Number	880
61	Diploma students (annual intake progressive)	Number	2580
62	Post-graduate students (annual intake progressive)	Number	70
XXI—(i) HEALTH			
63	Primary Health Centres	.. Number	75
64	Dental Clinics	.. Number	2
65	Family Planning Clinics	.. Number	150
66	Additional annual admissions into two Medical Colleges (M.E.B.S.) at Amritsar and Patiala	Number	100
67	Post-Graduate Training	.. Number of trainees	25 (annual)
68	Opening of new Dispensaries	.. Number	10
XXI—(ii) HEALTH (ii) AYURVEDA			
69	Ayurvedic Dispensaries (New)	.. Number	55
70	Beds in Hospitals (Additional)	.. Number	100

Serial No.	Item	Unit	Targets for Third Plan
1	2	3	4
XXI—(ii) HEALTH (iii) WATER-SUPPLY			
71	Water-supply in villages	.. NUmbr of villaes	170
72	Water-supply in Towns	.. NUmbr of Tows	30
XXII.—HOUSING			
73	Construction of Industrial Tenements	Numbr	1310
74	Construction of (Low Income-Group) Houses	Numbr	2710
75	Village Housing Project Scheme	.. NUmbr of Hous	3500
76	Slum Clearance Scheme	.. Tenemnts	1480
77	Acquisition of Land for Development	Ac	750
XXIII.—LABOUR AND LABOUR WELFARE			
78	Employment Exchanges including Pro-ject Exchange	Nunbe	14
79	Additional Seats (Annual) in Crafts-men's Training Programme	Nunbr	5092
XXIV.—WELFARE OF SCHEDULED CASTES AND BACKWARD CLASSES			
80	Number of students to whom fees are to be reimbursed and award of scholarships	Nunbe	226300
81	Subsidy for construction of new Houses	Nunbe	3049
82	Wheel barrow/hand-carts Scavengers to be benefitted	Nunbe	17500
XXV.—PUBLICITY			
83	Additional Community Radio Sets to be supplied	Nunber	3000
XXVI.—TOURISM			
84	Low Income-Group Rest Houses (New)	Nunber	6