

GOVERNMENT OF PUNJAB

# THIRD FIVE-YEAR PLAN



VOLUME I

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# **THIRD FIVE YEAR PLAN**

## **VOLUME I**

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## CHAPTER 1

### Third Plan in Outline

**1.1** The Punjab Third Plan consists essentially of a practical programme of work in various socio-economic fields and has been framed on the basis of the actual needs of the State. It is also realistic in the sense that it is within the capacity of the State to finance and to execute. At the same time, the Plan which in a broad sense is a continuation of the Second Plan is designed to ensure that the self-generating process in the economy will be strengthened and a base will be provided which will facilitate further growth in all the sectors.

**1.2. Main objectives.**—The main objectives of the State Third Plan are:—

- (i) Sizeable increase in agricultural production, primarily through the provision of more irrigation facilities and measures for anti-waterlogging and flood control ;
- (ii) Steady diversification of the State economy with a distinct orientation towards industrial expansion ;
- (iii) Creation of additional employment opportunities to absorb at least the new entrants into the labour force ;
- (iv) Adequate expansion of social services with particular emphasis on the extension of technical education facilities ;
- (v) Substantial improvement in the socio-economic condition of the backward classes and of backward areas, especially the hill areas.

**1.3. Size of the Plan.**—The State Third Plan envisages an outlay of Rs 231.39 crores that is 40 % more than the outlay of Rs 162.68 crores for the Second Plan. While determining the total size of the Third Plan, the felt needs of each department were carefully assessed and then graded according to priorities. Another important consideration was to secure balanced development of the different parts of the State so that the disparities in matters of development should be reduced. The particular conditions obtaining in the different areas of the State, their comparative level of economic development and the possibilities for growth were carefully considered while making allocations to the various regions and districts. The hill area allocation for instance is Rs 22.59 crores out of a total of about Rs 120 crores which is the aggregate of such schemes as can be related to specific areas as distinct from 'non-breakable' schemes benefiting the entire State. On the basis of population alone the hill areas plan would be much lower than Rs 22.59 crores, which outlay represents a distinct weightage in favour of these areas.

**1.4.** The governing factors in providing outlay of this order for the State Third Plan have been the general framework of the national Plan, the actual needs of the population and the executing capacity of the administration. Only priority items have been included in the Plan and the physical targets envisaged bear a realistic relation to the financial provisions.

**1.5.** One of the main items is agricultural production in which field the State must endeavour to achieve the national targets through the expansion of irrigation and through extensive measures for flood control and anti-waterlogging. Another item deserving priority is power generation for meeting the needs of an expanding industrial sector. Emphasis has also been laid on technical education since technically qualified personnel are of first importance in the implementation of development schemes. Further more, attention has been given to improving economic and social conditions of backward classes, backward areas and hill regions. In

the light of these priorities, allocations to various sub-heads of development have been made as follows:—

(Lakh Rs)

Serial No.	Sub-head of development	Third Plan outlay (1961—66)	Percentage to total
1	2	3	4
<b>AGRICULTURE AND COMMUNITY DEVELOPMENT</b>			
1	Agricultural Production	8,73.00	3.77
2	Minor Irrigation	7,52.00	3.25
3	Consolidation of Holdings	1,65.00	0.71
4	Animal Husbandry	2,68.00	1.16
5	Dairying and Milk Supply	1,80.00	0.78
6	Forests (including Game Preservation and Conservation)	Soil 4,67.00	2.02
7	Fisheries	45.00	0.19
8	C.D. & N.E.S.	12,30.00	5.32
9	Co-operation	4,50.00	1.94
10	Panchayats	1,12.40	0.94
11	Resettlement of landless Agricultural Workers	1,00.00	0.43
<b>IRRIGATION AND POWER</b>			
12	Multipurpose Projects	50,96.00	22.02
13	Major and Medium Irrigation	6,50.00	2.81
14	Anti-waterlogging, drainage and flood control	15,01.27	6.49
15	Power Projects	32,22.00	13.92
<b>INDUSTRIES</b>			
16	Industries	14,40.10	6.22
<b>TRANSPORT AND COMMUNICATIONS</b>			
17	Roads	12,00.00	5.19
18	Road Transport	60.00	0.26

Serial No.	Sub-head of development	Third Plan outlay (1961—66)	Percentage to total
1	2	3	4
<b>SOCIAL SERVICES</b>			
19	General Education	17,77.00	7.68
20	Technical Education	7,28.36	3.15
21	Health	13,10.00	5.66
22	Housing	2,40.00	1.04
23	Labour and Labour Welfare	1,55.00	0.67
24	Development of Border Areas (Lahaul and Spiti)	1,14.00	0.49
25	Welfare of Scheduled Castes, Backward Classes etc.	2,22.00	0.96
26	Social Welfare	74.30	0.32
27	Public Co-operation	4.70	0.02
<b>MISCELLANEOUS</b>			
28	Capital Project	5,00.00	2.16
29	Printing	46.00	0.20
30	Statistics	19.00	0.08
31	Publicity	50.00	0.22
32	Tourism	22.00	0.10
33	Special development in urban areas not covered in other sectors	65.00	0.28
Total		2,31,39.13	1,00.00

1.6. As compared with the Second Five-Year Plan, the allocations are as follows:—

**DISTRIBUTION OF FINANCIAL OUTLAY UNDER MAJOR HEADS OF DEVELOPMENT**

(Rs in lakhs)

Serial No.	Head of Development	Second Plan Outlay	Percentage of the total outlay	Third Plan outlay	Percentage of the total outlay
1	2	3	4	5	6
1	Agriculture and Community Development	31,61.53	19.4	46,42.40	20.1
2	Irrigation and Power	72,04.65	44.3	1,04,69.27	45.2
3	Industries	9,34.16	5.8	14,40.10	6.2
4	Roads and Road Transport	10,79.55	6.6	12,60.00	5.5
5	Social Services	32,70.59	20.1	46,25.36	20.0
6	Miscellaneous	6,17.18	3.8	7,02.00	3.0
Total		1,62,67.66	1,00.00	2,31,39.13	1,00.0

1.7. It will be observed that Agriculture and Irrigation and Power have between themselves been allocated more than the Second Plan provision in the terms of percentage. The increase in allocation for Industries from Rs 934.16 lakhs in the Second Plan to Rs 1,440.10 lakhs is also significant and is indicative of the emphasis laid on the industrial development of the State during the Third Plan.

The physical targets fixed for the Third Plan on the basis of these financial allocations are shown in Annexure I.

1.8. The programme of agro-industrial development which emerges as the basic task of the State Plan will contribute to the realisation of the objectives adopted in the national Plan, viz. self-sufficiency in foodgrains, increased production of agricultural commodities which are raw materials of industries, expansion of employment opportunities and rise in the national income of over 5 % per annum. It has been estimated that the employment potential of the Punjab Third Plan in the public sector is 7,82,827 man years. This consists of 1,02,841 (13 %) administrative personnel, 1,45,591 (18 %) technical personnel, 71,604 (9 %) skilled workers not included in the category of technical personnel and 4,66,863 (60 %) other personnel including labour and lower level Government employees. Another objective of planned development namely the reduction of inequalities in income and wealth and a more even distribution of economic opportunities is also sought to be achieved through such programmes as assistance to backward classes and the weaker sections of society. The social services of Education and Health included in the Plan will also help to bring within the reach of the backward classes facilities so far not available to them. In the matter of industrial development an effort will be made to promote initiative by providing financial assistance to such entrepreneurs as cannot establish industries on their own. In correcting regional imbalances special consideration has been given to the development of the hill areas and also to the backward districts by providing suitable weightages in matters of plan allocation. Detailed measures taken in this regard have been indicated in a separate chapter.

1.9. *Financial resources.*—As has been indicated, the total outlay in the Third Plan has been fixed at Rs 231.39 crores, out of which the share of the Central Government is Rs 134 crores and of the State Rs 97.39 crores. The State share is proposed to be raised in the following manner :—

	(Rs in crores)
1 Balance from current revenues at 1960-61 rates of taxation	14.4
2 Additional taxation	40.0
3 Loan from the public (net)	16.0
4 Share of small savings	35.0
5 Unfunded debt (net)	3.9
6 Balance of miscellaneous capital receipts over non-plan disbursement	—28.3
7 Contribution of public enterprises	16.4
8 Total of State's normal resources (1 to 7)	97.4
9 Withdrawal from reserves and net increase in floating debt	..
10 Total of State's resources (8+9)	97.4

Additional taxation alone thus is expected to provide Rs 40 crores over the 5 year period—roughly Rs 8 crores a year. Considering that the total tax revenue in the year 1960-61 was about Rs 34 crores, increase of Rs 8 crores will substantially raise the level of taxation. Another important head from which resources are expected to be mobilized is of small savings. It is hoped that the effort and participation of the people needed for raising these resources will be readily forthcoming and the Plan will be duly implemented in full measure.

**1.10. Balanced development.**—The long-term objective of planning is not only to achieve a high rate of growth in respect of economic development but also to spread progressively the advantages of economic growth over a wider area so as to ensure all round prosperity and progress. In the initial stages there is bound to be concentration of economic activity in various centres where either raw material, mineral resources or trained man power is available or in areas which have potentialities of future development. Again, resources being limited, investment is confined to points within the economy at which the returns are likely to be most favourable. Equally there are inherent limitations in distributing the plan outlay over different regions. For instance, the outlay for agricultural production has to be related to the irrigated area for each district, the type of crops sown and the specific problems in a particular locality; outlay on minor irrigation will depend on the percentage of irrigated area, conditions as regards sub-soil water etc ; and dairying and milk supply schemes will have to be related to various milk pockets and areas where there is concentration of cattle. Again, the extent to which further development is possible in a limited period of time is determined by the level of development already achieved in that areas. Different areas thus have different capacity for development at any point of time and therefore the allocations made to them must be related to this capacity if the resources are to be utilized properly.

**1.11. Backward areas in the State** fall into two categories. One consists of districts or parts of districts which are backward in economic development but do not form a contiguous and homogeneous region, while the other category comprises hill and sub-montane areas which are even more backward but are generally contiguous. The needs of the areas falling in the first category are being taken care of in the district-wise distribution of schemes which are implemented at the district level and below, and special weightage is given to them by making relatively higher allocations. The hill areas cover the two districts of Kangra and Simla, Dharkalan C.D. Block of Gurdaspur District, 8 C.D. Blocks in the district of Ambala and 13 C.D. Blocks in the district of Hoshiarpur which are sub-montane, and for these areas a separate plan has been prepared. At the same time, since the allocation to the hill areas has to be made from the State Plan, a balance has to be struck between the just claims of these backward areas and the minimum essential requirements of the rest of the State. Again, the backwardness of the hill areas is in itself a limitation on further development and any attempt at accelerating the pace of development without consideration of the capacity of these areas to absorb investment is certain to result in either heavy shortfalls or waste and mis-application of allocations. The broad approach in formulating this plan has been to emphasize the development of means of communication, speeding up of soil conservation measures, expansion of education, diversification of agriculture and spread of small scale industries and increase in the supply of power. Emphasis has also been laid on the development of horticulture particularly in the Kulu Sub-Division.

**1.12.** The total allocation for these areas has been fixed at Rs 22.59 crores out of a total plan of Rs 231.39 crores. On the basis of population percentage, the hill areas would have been entitled to only Rs 18.5 crores and the difference between the actual allocation and the possible allocation on population percentage basis represents the weightage given to them. In order to make a realistic assessment of local needs and priorities and to ensure its effective implementation in the field, a distinct administrative set up has been devised for these areas. A whole time Development Commissioner has been appointed and he will be assisted by Regional Officers for departments like Agriculture, Industries, Minor Irrigation, Animal Husbandry and Co-operation. It is trusted that the development programme will thus receive special attention at all stages of implementation, and the targets will be duly achieved.



The district-wise allocations of the plan outlay are set out in the following table:—

(Rs. in lakhs)

Serial No.	Name of the district	Allocation for 1961—66
1	2	3
1	Hissar	7,33·75
2	Rohtak	8,60·18
3	Karnal	7,51·17
4	Ludhiana	6,87·06
5	Jullundur	5,08·72
6	Ferozepore	8,81·16
7	Amritsar	7,32·74
8	Patiala	5,89·54
9	Bhatinda	4,64·33
10	Gurgaon	9,48·83
11	Sangrur	7,32·49
12	Kapurthala	2,80·45
13	Mahendragarh	3,42·33
14	Ambala	8,15·85
15	Hoshiarpur	7,40·44
16	Gurdaspur	5,47·45
17	Kangra	11,93·57
18	Simla	97·59
19	Lahaul/Spiti	1,14·00

1.13. *Administration and Plan Implementation.*—The success of the Third Plan will depend partly on the efficiency with which it is implemented. The targets set out in the Plan require a concerted and determined effort on the part of the implementing agencies and the assumption is that an effort far exceeding that of the preceding decade will be made for their realisation. The burden on administration will increase many times and strengthening will be necessary at numerous points before the Plan can be effectively executed.

**1.14.** It may be noted that the implementing capacity of the State has been rising steadily during the past years. The yearly outlay and the expenditure during the Second Plan set out below indicate the position in this regard:—

(Rs in crores)

Year	Annual Outlay	Expenditure
1956-57	42.14	24.21
1957-58	35.73	28.53
1958-59	34.55	30.06
1959-60	34.87	30.71
1960-61	36.40	34.84

**1.15.** This shows that the implementing capacity of the State has been rising from year to year. The level of expenditure increased from Rs 24.21 crores in 1956-57 to Rs 34.84 crores in 1960-61 and the corresponding percentage performance increased from 57% to 96% in relation to annual plan outlays. Even at this pace of improvement in the execution capacity, however, the various targets fixed for achievement during the Third Plan are not likely to be achieved without special efforts, for the outlay visualized in the Third Plan (Rs 231 crores) is very much higher than that fixed for the Second Plan (Rs 162 crores). The annual plan size during the Third Plan is likely to rise from about Rs 39 crores in the first year (as against Rs 36.40 crores in the last year of the Second Plan) to about Rs 55 crores in the fifth year. The build up necessary in the implementing capacity is very considerable and will require continuous attention at all times.

**1.16.** For assessing the progress of implementation the total financial outlay has been distributed over various components such as staff, buildings, machinery and equipment and loans, subsidies and grants. It will be seen that the items on which the bulk of expenditure will be incurred are staff and buildings, and it is in relation to them that the pace of plan implementation will need to be stepped up substantially. It will be necessary to ensure that bottlenecks in financial sanctions which delay execution are removed, and there is a continuous supply of trained personnel of the requisite calibre and experience.

**1.17.** In order to avoid delay in the issue of financial sanctions it has been decided to delegate financial powers to the Administrative Departments and Heads of Departments on an extensive scale. The Administrative Departments may in future accord administrative approval irrespective of the amount involved while the Heads of Departments will have power to accord such approvals up to Rs 20,000. The departments will also take all the steps necessary for pre-planning immediately the annual plan is settled, and it would thus be possible in a large number of cases to issue administrative sanctions more or less at the commencement of the financial year and schemes could be launched directly afterwards.

1.18. More than one-fifth of the total Plan expenditure will be on staff schemes and the performance will very much depend on the staff being placed in position at the right time. To assess the requirements in respect of various categories of staff, it has been decided that the Departments should prepare administrative personnel plans well in advance and also make provision for the training etc., of personnel so that suitably qualified and trained staff is available when required. The Departments must also ensure that the requisitions are placed with the Public Service Commission and the Subordinate Services Selection Board well in time.

1.19. Land and buildings are another major item and out of the Plan of Rs 231 crores, Rs 60.21 crores will be spent on the land and buildings programme. The departments responsible for public works must, therefore, organise themselves for the increased work load. In this regard an important step proposed to be taken is the pre-planning of the building programme so as to reduce the time required for the selection and acquisition of sites and preparation of rough cost estimates. With a view to saving time and work, it is also proposed to standardise the designs of the buildings of a repetitive nature such as dispensaries, primary health centres, schools, and warehouses.

1.20. Another factor of importance for the implementation of the Plan is the extent to which the support of the people can be enlisted for it. The Third Plan is basically a people's Plan and their energy and initiative in dealing with tasks of development are essential for achieving success. The Panchayati Raj institutions which offer the means for mobilising the resources of the people have, therefore, a crucial role to play. Many items of development will be transferred to these institutions during the Third Plan period and they will implement a substantial proportion not only of the plan under C.D. and N.E.S. and Panchayats, but also under the other sub-heads of development. Even after this transfer, however, the departments will not be divested of the responsibility for the proper execution of the schemes because they must faithfully discharge the duty laid on them of providing the maximum assistance to the people's institutions.

## ANNEXURE I

## Statement showing selected targets

Serial No.	Item	Unit	Position at the end of the Second Plan	Additional targets for the Third Plan	Likely position at the end of the Third Plan
1	2	3	4	5	6
<b>Agricultural Production</b>					
1	Seed stores	Number	128	100	228
2	Distribution of improved wheat seed	(000) Mds	104	750	854
3	Hybrid maize seed production (Area to be covered)	(000) Acres	—	400	400
4	Foodgrains production	(000) Tons	60.00	1850	7850
5	Cotton production	(000) Bales	*900	300	1200
6	Sugarcane production (Gur)	(000) Tons	*780	120	900
7	Fertilizers (annually)—				
	(a) Nitrogenous	(000) Tons	37	263	300
	(b) Phosphatic	(000) Tons	1.5	23.5	25.0
8	Students to be trained (Degree and Post-Graduate Courses)	Number	485	1640	2125
<b>Minor Irrigation</b>					
9	Percolation wells (Loans)	Number	25240	11180	36420
10	Tube-wells (Loans)	Number	2770	4004	7654
11	Pumping sets (Loans)	Number	2563	4900	7463
<b>Consolidation of Holdings</b>					
12	Area to be re-partitioned	Lakh (Acres)	147.28	72.22	219.50
<b>Animal Husbandry</b>					
13	New veterinary dispensaries	Number	56	65	121
14	Establishment of poultry development blocks	Number	—	4	4

Serial No.	Item	Unit	Position at the end of the Second Plan	Additional targets for the Third Plan	Likely position at the end of the Third Plan
1.	2	3	4	5	6
<b>Dairying and Milk Supply</b>					
15	Milk Supply Schemes	Number	1	4	5
16	Composite milk plant	Number	..	2	2
<b>Forestry</b>					
17	Raising conifer plant ations	Acre <sup>7</sup>	—	50,000	50,000
18	Strip plantation along rail, road and canal strips	Row mile	5338	11000	16338
<b>Soil Conservation</b>					
19	Afforestation (excluding 25,000 for River Valley)	Acre	5523	5750	11273
<b>Fisheries</b>					
20	Stocking impounded waters with fish seed	Acre	1080	1000	2080
21	Fish production	Maund	N.A.	5600	N.A.
<b>Community Development/National Extension Service</b>					
22	Blocks to be opened	Number	153	75	228
<b>Co-operation</b>					
23	Small rural credit societies to be strengthened	Number	6000	2500	8500
24	Construction of State Warehouses	Number	13	10	23
25	Co-operative Farming Societies	Number	1010	950	1960
26	Rural population to be covered	Percentage	65	20	85
27	Villages to be covered by service co-operatives	Percentage	20000	100	21000
<b>Village Panchayats</b>					
28	Panchayats to be benefited by interest-free loans	Number	906	900	1806
<b>Resettlement of Landless Agricultural Workers and Harijans</b>					
29	Resettlement of landless workers—families to be benefited	Number	—	52500	52500

Serial No.	Item	Unit	Position at the end of the Second Plan	Additional targets for the Third Plan	Likely position at the end of the Third Plan
1	2	3	4	5	6
<b>Multipurpose Projects</b>					
30	Additional area irrigated	(000) Acres	1888	1216	3074
31	Additional installed capacity	(000) KW	276	569	855
32	Transmission lines—66 kV. and above	Circuit miles	1010	885	1975
<b>Major and Medium Irrigation</b>					
33	Additional area to be irrigated	(000) Acres	437	554	991
<b>Flood Control and Drainage</b>					
34	Drainage improvement schemes	(000) Hectare	685	2240	2925
35	Flood control schemes	(000) Acres	78	109	187
36	Anti-waterlogging schemes—				
	(i) Pumping units	Number	6	288	384
	(ii) Area to be benefited	(000) Hectare	—	290	290
<b>Power Projects</b>					
37	33 kV. Lines	Mile	1414	177	1591
38	11 kV. Lines	Mile	6511	2400	8911
39	Villages to be electrified	Number	3016	1600	4616
40	Additional installed capacity (other than multipurpose)	(000) KW.	10	150	160
<b>Industries</b>					
41	Industrial Schools for Girls	Number	15	19	34
42	Girl students to be trained	Number	8646	8580	3426
43	Industrial Co-operative Societies to be organised	Number	4934	5900	10834
44	Factories to be established	Number	3	2	5
45	Persons to be benefited (by loans/grants)	Number	9080	9230	418310
46	Weavers to be benefited	Number	265	3150	3415
47	Weavers Co-operative Societies to be benefited	Number	527	1400	1927
48	Industrial Estates	Number	5	89	94
49	Industrial Colonies	Number	—	10	10

Serial No.	Item	Unit	Position at the end of the Second Plan	Additional targets for the Third Plan	Likely position at the end of the Third Plan
1	2	3	4	5	6
<b>Roads</b>					
50	Roads to be constructed	Mile	6307	1364	7883
51	Nationalisation of Passenger transport (Pepsu Portion)	(1) Number of Diesel Buses	80	105	185
		(2) Route mileage	1,195	1634	2829
52	Mandi-Kulu Road Transport Corporation ..	(1) Number of vehicles	—	41	41
		(2) Operational mileage	—	1204500	..
<b>General Education</b>					
53	Additional teachers training	(i) Trainees	6800	3350	10150
		(ii) Training units	170	67	237
54	Free and compulsory primary education for children of age group 6—11	(i) Number of children	..	1219200	1219200
		(ii) Number of teachers	..	24384	24384
		(iii) Number of schools	..	207	207
55	Upgrading of middle/high schools to higher secondary schools	Number	197	350	547
56	Upgrading of primary schools to middle standard	Number	N.A.	350	N.A.
57	Conversion of 4-years into 3-years degree colleges	Number of colleges	..	88	88
58	Milk/feeding programme for schools children	Number	..	5,00,000	5,00,000
<b>Technical Education</b>					
59	Degree students (annual intake)	Number	480	400	880
60	Diploma students (annual intake)	Number	1480	2580	4060
61	Post-graduate students (annual intake)	Number	10	Not yet decided	..
<b>Health—(i) Medical</b>					
62	Primary health centres	Number	153	75	228
63	Dental Clinics	Number	7	2	9
64	Additional annual admissions to Medical Colleges at Amritsar and Patiala (M.B.B.S. Course)	Number	300	100	400

Serial No.	Item	Unit	Position at the end of the Second Plan	Additional targets for the Third Plan	Likely position at the end of the Third Plan
1	2	3	4	5	6
<b>Health—(i) Medical—concl'd</b>					
65	Post-graduate training	Number of trainees	—	25	25
66	New dispensaries	Number	N.A.	10	N.A.
<b>(iii) Water-supply</b>					
67	Water-supply in villages	Number of villages	300	170	470
68	Water-supply in towns	Number of towns	25	32	57
<b>Housing</b>					
69	Industrial tenements	Number	2372	1200	3572
70	Low-income-group houses	Number	18822	2710	21532
71	Village housing project scheme	Number of houses	290	3500	3790
72	Slum clearance scheme	Tenements	85	1370	1450
73	Acquisition of land for development	Hectare	..	750	750
<b>Labour and Labour Welfare</b>					
74	Employment exchanges (upgraded)	Number	33	12	45
75	Additional seats (annual) for Craftsmen training	Number	4848	5080	<u>9928</u>
<b>Welfare of Scheduled Castes and Backward Classes</b>					
76	Scholarships and reimbursement of fees	Number	308285	224200	532485
77	Subsidy for construction of new houses	Number	5505	4745	10250
<b>Publicity</b>					
78	Additional community radio sets to be supplied	Number	7885	3000	10885
<b>Tourism</b>					
79	Low-income-group Rest Houses (New)	Number	5	6	11
80	Tourists Information Centres	Number	6	4	10



## CHAPTER II

### Agriculture and Community Development

2.1. Agriculture is the most important sector of Punjab's economy, measured not only by the yardstick of size but also viewed from the angle of its effect on the other Sectors. Apart from meeting the food requirements of the population, agriculture must provide the basic raw material for industry particularly as Punjab lacks mineral resources. Farm and agriculture based industries, meeting largely the demands of consumption goods market, will thus be the principal lines of industrial expansion, and the agrarian sector must provide the raw materials as well as the market for them.

#### AGRICULTURAL PRODUCTION

2.2. The total financial provision for the sub-head of Agricultural Production during the Third Plan is Rs 873 lakhs, the corresponding outlay in the Second Plan having been Rs 440.28 lakhs. The breakup of this provision under the major groups of schemes is as follows :—

	(Rs in lakhs)
	Rs
Seed farms and stores	14.90
Supply Schemes and Plant Protection	165.82
Development of commercial crops and horticulture	415.88
Agricultural education	108.29
Agricultural research, extension and training	128.11
Land development (reclamation of waste lands)	40.00
Total	873.00

2.3. The pre-requisites of agricultural production are better seeds and fertilizers, and irrigation and improved techniques. Elaborate arrangements are proposed in the Third Plan for the multiplication and distribution of improved seeds of major crops like wheat, rice, bajra, gram and maize. Special efforts will also be made for raising hybrid maize seeds as the production of double-cross seed is a difficult process. It is envisaged that by the end of the Third Plan, the entire area under wheat and paddy cultivation will be covered by the improved seed supply schemes. The crop-wise distribution is shown in the table below :—

Crops	Total area (approximate) at the end of the Third Plan	Approximate area to be covered under improved seeds by the end of the Third Plan	Percentage area under improved seeds to total area
(1)	(2)	(3)	(4)
	(lakh acres)		
Wheat	55.00	55.00	100
Paddy	10.00	10.00	100
Maize	13.00	4.30	33
Gram	60.00	13.80	23
Bajra	25.00	7.00	28

The target is that every C. D. Block should have a seed farm of its own by the end of The Third Plan, that is, a total of 228 farms.

**2.4. Plant protection measures.**—For the supply of pesticides and for other plant protection measures, Rs 38 lakhs have been provided and it is proposed to cover 10,830 acres of cultivable land. Stocks of pesticides will be kept at key points in groups of villages and will be replenished from time to time from depots maintained at the Block and the District level. The imparting of know-how to the cultivators is a gradual 'extension' process and stocks of appliances will be maintained at central places for familiarising the farmer with the latest techniques.

**2.5. Chemical Fertilizers.**—The annual consumption of chemical fertilisers in the State at the end of the Second Plan was about 37,000 tons of nitrogen and 1,500 tons of phosphates. The target for the Third Plan is to raise the level of annual consumption to 3,00,000 and 25,000 tons, respectively. Besides, measures will be taken to encourage green manuring the target of the area being 135 lakh acres. As to organic manure, animal dung cannot obviously meet the total requirements and, therefore, will have to be largely augmented by compost of farm and town refuse. It is expected that 890 lakh tons of such manure would be consumed annually towards the end of the Third Plan.

**2.6. Improved implements.**—Improved implements are a matter of continuous research and experimentation in field conditions. The Third Plan target is to sell about 5 lakh improved ploughs to farmers on a subsidized basis. The programme envisages the grant of subsidy against part of the cost and loan against part (through the co-operative credit structure. The outlay proposed on the subsidy is Rs 27.00 lakhs.

**2.7. Development of commercial crops, horticulture and fruit preservation.**—The present cropping pattern of Punjab is basically inferior on account of lack of water for irrigation particularly in the districts of Hissar, Rohtak, Gurgaon and Mahendragarh. As a result of this, in spite of a higher yield per acre, Punjab has a lower value of output per acre. While the cropping pattern is largely determined by the availability of irrigation, it is also related to the quality of the animal stock and to such factors as soil and climate and the techniques in use. Extension of improved techniques needs special emphasis in respect of cash crops and accordingly Rs 57.83 lakhs have been provided for cane development and cotton and oilseed extension.

**2.8. Horticulture.**—Another aspect of importance relates to the growing of fruits and vegetables. With increasing incomes, the demand for these items is bound to expand. More consumption is also necessary for providing protective and nutritive elements in the diet of the people. The total provision for the development of horticulture in the Plan is Rs 64 lakhs. On the physical side, it is proposed to bring 6,500 acres of land in the plains, and 4,000 acres in the hill areas under fruit cultivation. Loans at the rate of Rs 300 per acre in the plains and Rs 500 per acre in the hills will be given. The production of vegetables is estimated to increase from 6 lakh tons in 1960-61 to 12 lakh tons in 1956-66 and of fruits from 4.20 lakhs tons to 5.60 lakh tons.

**2.9. Farm advisory service.**—In order to bring the modern techniques of increasing food production including improved implements to the very door of the individual cultivator, a wide-spread extension machinery is essential. Under the Farm Advisory Service, for which a provision of Rs 52 lakhs has been made, subject matter specialists will be appointed at the State, District and Block levels. The ultimate objective is to provide four subject matter specialists in each Block in addition to the existing Agriculture Inspector as recommended by the Agricultural Administration Committee of the Government of India.

**2.10. Intensive agricultural district programme.**—The objective underlying this programme is to achieve the maximum possible utilisation of the land potential and it covers the

adoption of all organisational and other measures necessary towards that end. The application of expensive items like chemical fertilisers is a process of trial and error and it is also necessary that continuous guidance should be provided to the farmer for adopting improved agronomic practices and achieving a cropping pattern which yields the best results. For instance, trial-cum-demonstration farms should be set up on every new irrigation system in areas not familiar with irrigated farming. The time-lag which occurs in shifting to a better cropping pattern of using superior in-put combinations can indeed be reduced only by creating a specialised organisation competent to speed up this change over. Such an organisation arranges to provide to the cultivator improved seeds, fertilisers, implements, and means of plant protection and also facilities of credit as well as marketing and thus creates all the conditions necessary for the best utilisation of the land.

The district of Ludhiana has been selected for the Intensive Agricultural District Programme known also as the "Package Programme" and the outlay provided is Rs 90.20 lakhs.

**2.11. Agricultural education and research.**—Expansion of educational and training facilities in the field of agriculture is necessary not only to make available to the farmer the latest methods of cultivation but also bring about essential institutional changes in agronomy. Courses in technical education can be run more smoothly and effectively if they are co-ordinated and controlled by a full-fledged technical university. An Agricultural University is accordingly being established at Ludhiana which has the advantage that a well developed Agricultural College and Research Institute are already located there. Another Agricultural College is proposed to be established at Hissar. Various research sections such as for cereals, sugarcane, millets, vegetables, fruit, fodder and chemicals are proposed to be expanded. A special scheme to establish a bio-chemistry section has also been included in the Plan. The machinery for the collection of statistics and dissemination of agricultural information will be strengthened.

**2.12. Agricultural marketing**—Marketing facilities for agricultural produce are proposed to be made available to the farmers on a much larger scale than hitherto. This item is covered mainly under the sub-head of "Cooperation". The existing marketing section will be strengthened and the provision of the Agricultural Produce Market Act will be implemented.

**2.13. Land Development.**—A provision of Rs 40 lakhs has been made for the survey and reclamation of culturable waste lands the extent of which is estimated at 15-16 lakh acres. Out of this provision Rs 1 lakh has been earmarked for survey and Rs 4 lakhs for advancing loans for reclamation through manual and bullock labour.

**2.14. Crop insurance.**—A new field which is proposed to be covered is crop-insurance. The farmer is periodically subjected to the hazards and vagaries of nature and a stage has been reached where the State must take initiative to protect him from these scourages. So far the losses sustained by the cultivators on account of floods, draughts and locusts were met by the Government in part through remission or suspension of land revenue and through loans and gratuitous relief. Crop insurance will be a more scientific and adequate way of dealing with the problem. To begin with, this scheme will cover only 4 crops, namely, wheat, gram, cotton and sugarcane and will be operated at 6 centres of Nawanshahr, Moga, Kotkapura, Sunam, Hissar and Sonapat.

## MINOR IRRIGATION

**2.15. Minor Irrigation.** schemes are in a sense complementary to major irrigation schemes particularly in areas where the benefits of canal irrigation cannot be extended or where the problem of water-logging is very acute. The total provision for minor irrigation schemes is Rs 752.00 lakhs while the corresponding outlay in Second Plan was Rs 547.46 lakhs. The scheme will be implemented on two sides, that is, Irrigation and Agriculture, the break-up being as follows :—

		(Rs in lakhs)
Irrigation	•	.. 104
Agriculture		.. 648
	•	
	Total	.. <u>752</u>

The schemes on the Irrigation side envisage mostly the construction of storage works (for winter irrigation in the non-perennial areas such as Mahinderagarh and Gurgaon Districts) and lift irrigation by pumps in hill and sub-montane areas. The programme also provides Rs 15 lakhs for exploratory tube-wells. On the Agriculture side, the provision is mainly for advancing loans for percolation wells, tube-wells and pumping sets. In respect of pumping sets for lift irrigation, the Plan target is to give loans for the installation of 4,900 sets. As regards tubewells, the sinking of 4884 tubewells will be financed. The total number of pumping sets and private tubewells at the end of the Third Plan will be 7654 and 7643 respectively. It is also proposed to repair/sink 1180 percolation wells in the plains and repair/construct 920 kuhl which lie exclusively in the hill areas. Besides, irrigation facilities will be provided for 55000 acres under the intensive Agricultural District Programme. Minor irrigation schemes implemented by the Irrigation Department alone will result in increase of the irrigated area from about 4.26 lakh acres to 5.63 lakh acres.

### CONSOLIDATION OF HOLDINGS

2.16. One of the most important aspects of land development is the re-grouping of holdings so as to reduce their number and make the unit of cultivation for each farmer a compact one. Till the end of the Second Plan an area of 147.28 lakh acres out of a total of 219.50 lakh acres had been consolidated. The balance of 72.22 lakh acres is now proposed to be consolidated and for this a provision of Rs 165 lakhs(net) has been made in the Plan.

### ANIMAL HUSBANDRY

2.17. Animal Husbandry is an integral part of agriculture particularly in the Punjab where about 14 % of the total income of the State comes from this sector alone. The importance of animal husbandry in agronomy is two fold ; first, the cattle population maintained by the cultivators provides organic manure required for the crops, and, secondly, cattle breeding provides subsidiary occupation to small farmers and agricultural labourers. In the absence of large scale employment opportunities in the industrial sector, any subsidiary occupation of the magnitude that is provided by animal husbandry is of first significance as it serves to relieve the pressure on land and to reduce under-employment.

2.18. The total financial provision for the sub-head "Animal Husbandry" in the Third Plan is Rs 268 lakhs against the corresponding provision of Rs 205.22 lakhs in the Second Plan. The main aspects of the development programme are (a) livestock breeding, (b) disease control, (c) development of poultry, sheep and pigs, and (d) expansion of training facilities for veterinary personnel. The group-wise emphasis in the Second Plan and in the Third Plan is set out in the table below :—

	Second Plan	Third Plan
	<del>Second Plan</del>	<del>Third Plan</del>
	(Rs in lakhs)	(Rs in lakhs)
Livestock breeding	72.93	151.59
Disease control	50.60	38.28
Development of poultry, sheep and pigs.	21.07	54.21

**2.19.** Punjab's livestock population was reckoned at 134.6 lakhs in 1956, that was 4 % of India's total livestock population. The livestock density was 285 per sq. mile which was slightly higher than 261 for the country as a whole. Of the total, 44 % were cattle (India 52 %), 28 % buffaloes (India 15 %), 23 % sheep and goats (India 31%) and 5 % of other animals (India 2 %). Punjab thus had a much higher percentage of buffaloes than the average for the country and this factor largely accounts for the high milk production in the State.

**2.20. Livestock breeding.**—The basic problem of cattle husbandry in the State is that of improving the quality of draught and milch animals in addition to increasing their number. For any improvement in the quality of animals, planned breeding is required. The long-term objective has, therefore, to be first, gradually to eliminate the uneconomic cattle by mass castration and removal to interior forest areas and secondly to transform the present marginal group into a profitable and economic category. The Government Livestock Farm at Hissar is one of the biggest institutions of its kind in Asia, covering an area of about 35000 acres and possessing nearly 10000 heads of cattle. The farm is being further re-organised and developed under a Centrally-sponsored scheme at a cost of Rs 100 lakhs. Emphasis will be on Haryana breed as the average milk yield per day of the Haryana cow ranges from 14 lbs. to 17 lbs. The other breeds which will receive attention are Malwa (Ludhiana) and Shahiwal (Ferozapore) cows and Murrah buffaloes, the latter yielding 20 to 30 lbs. of milk per day.

**2.21.** Another important item in the context of livestock breeding is the Key Village Scheme on the lines of the pattern approved by the Government of India, the total provision being Rs 42.80 lakhs. Under this scheme 9 artificial insemination centres will be opened both in urban and rural sectors bringing the total number of these centres to 27 at the end of the Third Plan. In addition, artificial insemination sub-centres will be established under the programme of C.D. and N.E.S. Four semen banks are also proposed to be started.

**2.22. Disease control.**—For an efficient and effective veterinary service, there should be at least one doctor for every 10,000 cattle while at present the ratio is roughly one veterinary doctor for every 30,000 cattle. There were 452 veterinary hospitals and dispensaries in the integrated State of Punjab in November, 1956 and 56 permanent outlying dispensaries were opened during the Second Plan. The number is still insufficient and the provision in the Third Plan is to open 65 outlying dispensaries and to convert 50 of the existing dispensaries into regular veterinary hospitals. The Plan also provides for upgrading the district headquarters dispensaries and equipping them with modern diagnostic facilities and mobile units. Further, increased production and supply of sera and vaccines are planned. Special efforts will also be made to eradicate the dread disease of rinderpest.

**2.23. Poultry, sheep and pig development.**—The main difficulty coming in the way of large-scale production of poultry is the absence of an organised market. A scheme for the marketing of eggs and poultry will be undertaken during the Third Plan for which a provision of Rs 3.48 lakhs has been made. The number of Poultry Extension Centres will be increased from 16 to 20. The development of poultry is an important measure in supplementing the diet of the masses, and from the point of view of the individual farmer also, it is a very useful pursuit since it requires only a small capital investment and does not involve much risk.

**2.24. Sheep breeding.**—A sheep breeding farm is proposed to be established in Kulu. A scheme for intensive sheep improvement on co-operative lines was launched in selected areas during the Second Plan and 32 centres were started. Sixteen such centres will be added in the current Plan. A Sheep Research Sub-station will also be opened for a fundamental research in the techniques of wool production, qualities of different breeds and problems relating to hybridisation. Besides, a sheep research unit will be established at the Government Livestock Farm, Hissar. 200 to 250 superior quality rams will be available in the fourth year of the Plan resulting in 10 % increase in the annual production of wool.

**2.25. Piggery development.**—The total provision for the piggery development in the Plan is Rs 9.38 lakhs. In order to give further stimulus to the industry and to improve the quality of the animals, it is proposed to start two bigger units during the Third Plan. A scheme for starting a bacon factory has also been included in the Plan.

**2.26. Education and Research.**—A provision of Rs 4 lakhs has been made for expanding educational as well as research facilities. Research will particularly be undertaken into warble infestation in cattle; toxic plants and herbs lethal to domestic animals; salmonella infections; and morphological, biochemical and haematological aspects of blood in farm animals. Re-organisation and expansion of Government Veterinary College, Hissar, which was started in the Second Plan will be completed at a cost of Rs 6.57 lakhs.

## DAIRYING AND MILK SUPPLY

**2.27.** Augmentation of milk supply can be attempted only by wider adoption of improved animal husbandry practices in respect of breeding, feeding and management. Maintenance of cattle in towns creates serious problems such as of feeding and sanitation while the organisation of cattle colonies is a very costly project. The solution lies in developing a system of milk production in the country-side on the basis of mixed farming which should then be linked with processing and marketing in the urban areas. From this stand point dairying continues to remain a rural industry providing subsidiary occupation to the farmer and supplying the surplus production to the urban centres. The farmer is also assisted in that he has an enlarged supply of cattle manure.

The financial outlay provided for dairying and milk supply schemes in the Third Plan is Rs 180 lakhs against the Second Plan provision of Rs 84.50 lakhs. The aim is to cover all the cities in the State with a population of more than one lakh, and 4 milk supply schemes will be started at a total cost of Rs 70 lakhs. With the completion of these schemes, an organised market will be brought into operation to handle the entire surplus milk supply. For improving the quality of milch cattle, a scheme for advancing loans to private breeders has been prepared with a lump sum provision of Rs 20 lakhs. It is also proposed to establish 2 rural creameries in selected milk pockets at a cost of Rs 20 lakhs. The composite milk plant at Amritsar which envisages the collection of 2,500 maunds of milk from the surrounding rural areas and the establishment of 3 milk production-cum-dairying centres, will be completed during the Plan. Start will also be made on a milk products factory which will cost Rs 41 lakhs to complete.

## FORESTS

**2.28.** The area under forests in the State is only 12 % of the total while the national target is to attain the figure of at least 20 %. In the Punjab special emphasis on forests is necessary inasmuch as there is the twin problem of water erosion from the north-east and wind erosion from the south-west. The problem of waterlogging is also one of very great seriousness and the forests have a crucial role to play in meeting it. The financial outlay provided in the Third Plan is Rs 467 lakhs, the break-up under the major groups being as follows :—

	(Rs in lakhs)
Forestry	274
Soil Conservation	189
Wild Life Preservation	4
Total •	467

**2.29.** The target is to bring an additional area of 15,200 acres under forest. It is also proposed to raise plants along canal strips, roads and railway lines covering approximately 11,000 miles. A provision of Rs 38 lakhs has been made for the development of forest communications and Rs 50 lakhs for timber operations and forest utilisation. Improvement in the means of communications is an urgent necessity since on the one hand it will help to reduce the present wastage of timber and on the other open the possibility of using modern equipment in the forests.

**2.30.** Development of timber in the forests is also essential for starting industries requiring wood as raw material. One such industry is manufacture of paper and it is proposed to establish a newsprint factory in the district of Kangra and a paper factory at Panipat. To meet the raw material requirements of these factories, measures will be taken to develop fir, spruce, bamboo and 'bhabbar' grass. Other forest-based industries are furniture making, wood working, bark crushing, resin and sports goods.

**2.31. Soil conservation.**—As against the Second Plan provision of Rs 69.68 lakhs for schemes for checking soil erosion caused by wind and water action, the provision now is Rs 189 lakhs. In addition, Rs 152 lakhs will be spent on soil conservation schemes in the catchment areas of Sutlej and Beas under a Centrally-sponsored programme. Soil conservation measures in these catchments are of outstanding importance in so far as the operative life of the Bhakra Dam and of the Pong Dam will be determined by the extent to which flow of silt into the reservoirs can be controlled. These schemes will be implemented in close collaboration with the Government of Himachal Pradesh.

**2.32.** The main targets fixed for the Third Plan are set out below :—

Afforestation	7,150 Acres
Pasture development	950 Acres
Reclamation of waterlogged areas	500 Acres
Cho training	250 Miles (one side)
Raising of shelter beds	800 Row miles

Besides these schemes the Irrigation Department is undertaking a scheme for 'thur' reclamation for which there is a separate provision of Rs 70 lakhs.

**2.33.—Wild life preservation.**—A pilot scheme has been formulated for the preservation and development of wild life and the provision for it is Rs 4 lakhs.

## FISHERIES

**2.34.** The total financial outlay provided for the sub-head 'Fisheries' in the Third Plan is Rs 45 lakhs against the provision of Rs 11.2 lakhs in the Second Plan.

Of the reservoir fisheries, Gobindsagar (25,000 acres), Badkal Bund (125 acres) and Dhoj Bund (40 acres) are the important sources. The chief lake sources are the Bhupindra Sagar (5,000 acres) and the Chandigarh Lake (250 acres). The Plan provides for the development of these sources, and for a scheme for the demonstration of fish culture in impounded waters. The latter scheme is of significance because the rural population being largely non-fish eaters are indifferent and demonstration of the profitability of fish culture through model farms will be very useful.

2.35. *Education and research.*—One of the difficulties in the way of fishery schemes particularly stocking of fish in impounded waters, has been the shortage of trained personnel. Senior officers will be deputed for a two-year training course at the Central Institute of Fisheries Education, Bombay, and junior officers for a 12-month course in inland fisheries at the Central Inland Fisheries Research Institute, Barrackpore (Calcutta). It is also proposed to establish a research station-cum-aquarium and museum at Chandigarh at a total cost of Rs 4.04 lakhs.

## COMMUNITY DEVELOPMENT AND <sup>National</sup> ~~NEW~~ EXTENSION SERVICE

2.36. The programme of Community Development and National Extension Services has come to occupy an important place for taking the technological advances, particularly in the field of agriculture, right to the door of the farmer. The basic problem in re-building the rural economy is the organisation of the agricultural effort at the village level, and the role of the Community Development programme in organising this effort is of crucial significance.

Rapid increase in food production is a national objective and therefore, particular emphasis is being laid on the aspects of the Community Development programme which help in increasing food production. The other activities are in the field of Animal Husbandry, Irrigation, Co-operation, Village Industries, Health and Rural Housing. The ultimate objective of the programme is the development of the rural community and of the individual through the promotion of the habits of self-reliance, solidarity and co-operative action.

2.37. The total outlay provided for the Community Development and Extension Services in the Third Plan is Rs 1,230 lakhs. The number of Community Development Blocks to be started in the State is 228, out of which 153 Blocks were functioning at the end of the Second Plan. According to the scheduled programme, the entire State will be covered by Blocks by April, 1963. This outlay of Rs 1,230 lakhs has been worked out in accordance with the budgetary pattern approved for the three stages of Blocks that is Pre-extension, Stage I and Stage II Blocks taking into account the expenditure on the existing Blocks and on those proposed to be started in the Third Plan. The entire expenditure after Stage II, however, is the liability of the State Government and the provision for it has to be made outside the Plan.

2.38. One of the most significant aspects of the Community Development programme is that it enlists the voluntary participation of the people in the formulation and implementation of the development plans and thus mobilizes the public effort. It also paves the way for creating effective and vitalized local authorities, namely, Zila Parishads and Panchayat samitis which form the very basis of democratic decentralisation.

## CO-OPERATION

2.39. The total outlay for the development of the Co-operative movement in the Third Plan has been placed at Rs 450 lakhs against the Second Plan provision of Rs 246 lakhs. The co-operative movement registered a significant progress during the first two Plans; the number of co-operative institutions of various types increased to 32,169 with a membership of 20 lakhs and a working capital of Rs 76.25 crores and nearly 90 % of the villages and 50 % of the rural population were brought within the fold of co-operation. In the Third Plan emphasis will be laid on consolidating the gains already registered in various directions.

2.40. *Service co-operatives.*—A chain of service co-operatives will be established covering every single village and the marketing societies will be expanded simultaneously. The primary function of these co-operatives will be to supply short and medium term credit, agricultural and other pre-requisites of production and facilities for processing and marketing



agricultural produce. About 80 % of rural families will be covered by the programme by the end of the Third Plan. The extent of short and medium term credit that the co-operatives will be able to channelise will be Rs 26 crores annually. For storing the produce on the security of which credit will be advanced, a provision of Rs 53 lakhs has been made for loans and subsidies for the construction of 530 rural godowns.

**2.41. Marketing, processing and warehousing.**—The Plan provides for an outlay of Rs 121.54 lakhs for extending and improving marketing, warehousing and processing facilities. It also includes a provision of Rs 22.70 lakhs for the construction of cold storages on co-operative basis. 10 warehouses will be constructed and 15 marketing co-operatives will be set up in mandis and 28 processing units like rice-mills, rice-hullers, fruit canning units and manure mixing units will be started. The Punjab State Co-operative Marketing Federation will facilitate the marketing operations of the various mandi level societies and also arrange for the supply of fertilizers, seeds, insecticides and agricultural implements.

**2.42. Co-operative farming.**—It is proposed to start 20 pilot projects in co-operative farming for which a provision of Rs 32.55 lakhs has been made. For each project, a few villages will be selected as starting points and co-operative farming societies will be organised in and around them on the scale of 10 societies per Block. The State will contribute towards the share capital of these societies, provide medium term loans, render assistance for the construction of godown-cum-cattle sheds and make available managerial subsidy.

**2.43. Other schemes.**—The other principal programmes relating to co-operation will be co-operative consumers' stores, labour and construction societies and co-operatives among women. A comprehensive programme has also been drawn up for the establishment of industrial co-operatives of various types and in particular, a provision of Rs 35 lakhs has been made for setting up a co-operative sugar factory.

## PANCHAYATS

**2.44.** It is necessary for the success of the panchayati raj that panchayats should be organised on sound lines and this involves action in two directions :—

- (i) making the panchayats financially viable ; and
- (ii) training the members elected to these bodies so that they can discharge the responsibilities placed on their shoulders.

In the Second Plan Rs 18 lakhs out of the total provision of Rs 100 lakhs were earmarked for financial assistance to panchayats for developing such of their resources as would provide income on an ever increasing scale. In the current Plan, the provision is Rs 51.35 lakhs and will be utilised for developing shamlat lands, providing irrigation facilities and tractors and for developing village industries. For training, an outlay of Rs 19.50 lakhs has been provided and centres will be started at the district and the division level for the training of panchayat secretaries, sarpanches, panches and panchayat samiti members. The scope of the work is indicated by the fact that at present there are about 1,350 panchayat secretaries and this number will increase still further.

**2.45. Training and education of the members.**—The other important schemes are the construction of office buildings for 100 Block Samitis and a panchayat-ghar at Chandigarh. This will serve as a central information centre for panchayat activities and provide a venue for panchayat conferences, seminars and refresher courses for field officers. The major portion of the cost of the panchayat-ghar will be met from contributions by panchayats. The programme also provides for the creation of training reserves, production of literature for panchayati raj functionaries and holding of 'sammelans' for non-officials

## RESETTLEMENT OF LANDLESS AGRICULTURAL WORKERS

2.46. The principal measures for eliminating the elements of exploitation and social injustice from the agrarian system are (i) abolition of intermediary tenures, (ii) reform of tenancy laws including regulation and reduction of rent and security of tenure, and (iii) ceilings on land holdings. Legislation in this behalf has been enacted in the Punjab and enables the utilisation both of the area surplus after the enforcement of the ceilings on land holdings and of the culturable waste remaining uncultivated for six harvests. The surplus area will be used for settling tenants who are or may be ejected while the culturable waste land will be given to landless Harijans.

2.47. The total provision made for the resettlement of agricultural workers is Rs 100 lakhs. The scheme includes subsidy to 20,000 landless families at the rate of Rs 100 per family for the reclamation of land and loans to 11,000 families at the rate of Rs 500 per family for the construction of houses. Loans will also be advanced to 2,000 families at the rate of Rs 500 per family for irrigation facilities. Culturable waste land will be let out to 12,500 landless Harijans at the rate of 10 acres for each individual cultivator.

## CHAPTER III

## IRRIGATION AND POWER

3.1. Irrigation and power are among the most important aspects of development in the State sector and found their place as such in the First as well as in the Second Plan. While increase in agricultural production in the initial phase is largely dependent on extension of irrigation facilities, any large-scale industrialisation turns essentially on the provision of power. Almost half the State Plan is thus devoted to the creation of irrigation and power potential, whether by way of smaller and scattered minor and medium irrigation schemes and thermal generating plants or by way of multi-purpose projects which involve the harnessing of the major rivers in the State.

3.2. Prior to the partition, the Punjab possessed a vast net work of canals regarded as the finest in the world, but thereafter only a small part of the canal system came to its share. The result was that the State became deficit in foodgrains whereas previously it was a large exporter. Reliance could be placed on the dynamism of the farmer of Punjab which expressed itself in the use of relatively better techniques and harder labour, but the crucial role was that of irrigation and the maximum emphasis had to be placed in making up the deficiency in that sphere. As a result of this, the irrigated area of the State rose continuously from the beginning of the First Plan; the figures increased from 49.43 lakh acres to 60.74 lakh acres during the First Plan, while in the last year of the Second Plan the area was 76.26 lakh acres. It is expected that with the full development of the Bhakra-Nangal Canal system, the irrigated area will rise further to 87.30 lakh acres. This clearly represents satisfactory progress, although the work is far from complete and much still remains to be done.

3.3. Canal irrigation has, however, brought with it the serious problem of waterlogging in several areas where seepage water penetrates into deeper sub-soil and raises the underground water table. When the water level reaches the root zone it seriously affects plant growth and further more waterlogging results in salt infestation. Large areas have thus been rendered unfit for cultivation whereby the yields have been depressed and in certain areas the cropping patterns have also been affected. This problem has become particularly acute in the districts of Amritsar, Ferozepore, Hoshiarpur, Sangrur, Jullundur and Gurdaspur. The situation has apparently arisen through failure to pay adequate attention to the drainage of the area and has been accentuated by a cycle of unusually heavy rains over a period of years. Whatever the reasons for waterlogging, remedial measures have to be devised as a matter of urgency.

3.4. The total outlay provided in the Plan for Irrigation and Flood Control operations is Rs 37.75 lakhs, the break-up being as indicated below :—

	(Rs in lakhs)
Multipurpose Projects—	
Bhakra-Nangal Project	354
Beas Project	1200
Total	1554

	(Rs in lakhs)
Major Irrigation Schemes	515
Medium Irrigation Schemes	135
Anti-waterlogging and Thur Reclamation (including Ghaggar Project)	363
Drainage and Flood Control	1208
Total	2221
Grand Total	3775

The figures of outlay for Flood control on the one hand and Irrigation on the other are as follows :

	(Rs in lakhs)
Irrigation Schemes	22,04
Flood Control, Drainage and Anti-waterlogging Schemes including Ghaggar Project	15,71

3.5. High priority is being given to flood control, drainage and anti-waterlogging because the optimum realisation of the agricultural potential of this State is connected directly with the effective solution of these problems. Within this group, particular emphasis will be laid on flood control and drainage which deal with the problem of surface accumulations of water. At the same time, the problem of sub-soil water will receive attention especially in tracts where the level is less than 5 feet below the natural surface of the ground.

3.6. *Research and Investigation.*—Adequate provision has also been made for investigation, research and planning. Investigation was included in the Second Plan also and has been repeated in the Third Plan because exploratory work on new schemes on the three eastern rivers and on the Jumna is not yet complete.

3.7. *Physical targets.*—The important physical targets set for the Third Plan are:

<i>Item</i>	<i>Unit</i>	<i>Target</i>
(i) Additional area to be irrigated	.. (000) Acres	1770*
(ii) Surface drainage schemes—area to be benefited	(000) Hectares	2240

A brief description of important items of work is given below.

## IRRIGATION

### (Multipurpose Projects)

3.8. *Bhakra-Nangal\* Project (Irrigation)*—This project provides for the construction of a straight gravity concrete dam (740 feet) with a reservoir on the river Sutlej at Bhakra and a net work of canals for irrigation. It also provides for two power plants and for

\*Includes 486 thousand acres of the Second Plan short fall

transmission lines for power distribution. The top of the dam will be 1,700 feet above sea level and the reservoir will impound 8 million acre feet of water. Additional irrigation facilities will be provided for 10 million acres of land. The project will be completed within the first two years of the Third Plan, the financial provision on the Irrigation side being Rs 354 lakhs.

*Beas Project (Irrigation).*—The waters of three rivers, namely, Sutlej, Beas and Ravi have been allotted to India under the Indus Basin Treaty and this project is being undertaken for harnessing the water and power resources of the river Beas by means of storage and diversion works. The Project consists of two parts : Unit I (Beas-Sutlej Link) will transfer the waters of the Beas to the Sutlej upstream of the Bhakra Reservoir and Unit II (Dam at Pong) will impound 5.5 million acres feet of water. The total cost of both the Units is estimated at Rs 167 crores out of which the Third Plan provision is Rs 47.50 crores. The major part of this expenditure will be on Unit II (Rs 34.50 crores), the aim being to complete the storage works by about 1970. It has been decided that Unit I will receive concurrent priority with Unit II (Pong Dam) but in the Third Plan work will be undertaken only to the extent of Rs 13 crores. The rest will be completed in the Fourth Plan. The comparatively low allocation to Unit I in the Third Plan will enable executing capacity to be spared for taking up short-term hydro-electric projects from canal falls and through the extension of the Uhl River Scheme.

### MAJOR IRRIGATION

*Sirhind Feeder Project.*—This project was substantially completed during the Second Plan and provision of Rs 10 lakhs only has been made in the Third Plan for gates and gearings and similar items.

*Western Jumna Canal Remodelling and Extension.*—There were numerous small schemes in the Second Plan relating to the Western Jumna canal tract, but some of them could not be completed during that Plan. All these schemes have been grouped together with the addition of the Gurgaon Canal Project and the Western Jumna Canal Feeder Project and a provision of Rs 5,05 lakhs has been made for the unified scheme.

### MEDIUM IRRIGATION

The total outlay provided in the Third Plan for medium irrigation schemes is Rs 135 lakhs. This includes spill-over schemes such as the Madhopur Beas Link. There is also a provision of Rs 30 lakhs for schemes to utilise the Sutlej waters released by the construction of the Sirhind Feeder. Investigation, research and planning schemes have also been provided.

3.9. *Utilisation of irrigation potential.*—In regard to the utilisation of the irrigation potential the record of the major irrigation schemes in the State has been generally satisfactory in recent years and the time lag between the two stages of creation of potential and its utilisation has been decreasing. The experience as regards medium irrigation projects has also been satisfactory.

### FLOOD PROTECTION AND DRAINAGE

3.10. The Third Plan for flood control and drainage is based on a Master Plan drawn up for the entire State and estimated to cost Rs 28.4 crores. This Master Plan provides for the construction of 5,185 miles of drains and 560 miles of training and controlling 'chos' and 290 miles of bunds. The provision made in the Third Plan is of Rs 12 crores and the programme envisages the completion of the schemes started during the Second Plan and of additional urgent ones. In order to provide partial relief with immediate effect, the drains have been constructed to a capacity lower than is ultimately intended for them. They will later be widened to the minimum capacity of 4 cusecs per square mile of catchment area which is essential for proper drainage during the monsoons. Apart from the outlay provided in the Plan, it is expected that a substantial measure of contribution will be forthcoming from the people. About half of the land which constitutes approximately 20

per cent of the total cost of flood control and drainage scheme is being taken out of the common pool in the course of consolidation of holdings. Further work on link drains, it is envisaged, will be done by zamindars on a voluntary basis. About 400 miles length of link drains have in fact already been constructed by them. One of the major schemes under the flood control programme is that of the Ghaggar Project. Ghaggar river is notorious for the havoc it causes during monsoons and it is proposed to control it by constructing a 220 feet dam on it at a cost of Rs 920 lakhs. The stored water will be utilised for providing irrigation in Ambala District and for supplementing the drinking water supply in Chandigarh. The work will commence towards the end of Third Plan, the provision during the Plan being Rs 50 lakhs.

**3.11. Anti-waterlogging and thur reclamation schemes.**—Anti-waterlogging schemes which deal with the problem of sub-soil water as distinct from drainage of surface accumulations have to be undertaken on an emergent basis because of the grave threat posed by waterlogging. The provision made in this regard is Rs 293 lakhs. It is estimated however that eventually a sum of over Rs 55 crores will be required if remedial measures to settle the entire problem of water logging have to be taken. The programme is essentially of an experimental nature at this stage because alternative remedies, e.g., seepage drainage, linking of channels, construction of deep discharge wells, and seepage-cum-pumping schemes have to be tried out in different areas before one or more of them are adopted for general application. Shallow tube-wells also offer a remedy but no specific provision has been made for such wells in the anti-water logging scheme. Instead the minor irrigation programme will be adjusted so as to meet the needs of anti-water logging and the tube-wells sunk under the former programme will be planned in aid of and in conjunction with anti-waterlogging operations. A provision of Rs 7 lakhs has also been made to cover 'thur' reclamation schemes.

## POWER

**3.12.** The prime importance of the development of power resources in a State like Punjab needs little emphasis. In fact power is the mother industry from which alone other industries can develop and the State's Third Plan is essentially based on the success of the power plan. The progress in the building up of the load has also been satisfactory and this is of particular significance in hydro-electric schemes, where initial capital cost involved are relatively high. Apart from the large industrial potential which is being built in the urban areas, the demand in the rural areas is also increasing. According to estimates of the Central Water and Power Commission, the requirements at the end of the Third Plan will be in the region of 675,000 kW. exclusive of the demand from neighbouring States which is estimated at 150,000 kW. The total demand will thus be about 800,000 kW. As regards supply, it is expected that at the end of the Third Plan the power generating capacity of multipurpose and other projects will be about 700,000 kW. which will leave a gap of about 100,000 kW. still to be filled.

**3.13.** The energy resources in Punjab are mainly hydel and as the planning and construction of hydro power projects require a long period spread over a number of years, investigations have to be carried out in advance on numerous schemes, both large and small, in order to be able to formulate a long term plan. Provision has been made in the Third Plan so that the necessary investigations can be duly conducted.

**3.14.** Thermal plants have been included in the Plan as complementary to hydro-electric power. A provision of Rs 250 lakhs has been made for diesel sets with a view partly to covering the shortage which is expected between 1962 and 1964.

**3.15.** The total allocation for Power Projects is Rs 32.22 crores out of which Rs 17.72 crores are for generation schemes and Rs 14.50 crores for distribution schemes. Besides this provision of Rs 17.72 crores, the Multipurpose Projects include a provision of Rs 35.42 crores for power generation raising the total to Rs 53.14 crores. The break up of this outlay under the different schemes is as indicated below ;—

## (A) POWER GENERATION

		(Rs in lakhs)
I. <i>Multipurpose Projects.</i> —		
Bhakra-Nangal Left Bank Power House		718
Bhakra-Nangal Right Bank Power House		1874
Beas Project		900
Investigation of new projects		50
	Total	<u>3542</u>
II. <i>Other than Multipurpose Projects.</i> —		
Power development from U.B.D.C.		550
Extension of Uhl River Hydro-Electric Scheme		472
Thermal schemes (Delhi and Faridabad steam plants)		650
Diesel Plants		100
	Total	<u>1772</u>
	Grand Total	<u>5314</u>

## (B) POWER DISTRIBUTION

Bhakra-Nangal Distribution Project (32 kV. and below)		1147
Uhl River Hydro-Electric Scheme		303
	Total	<u>1450</u>

3.16. The physical targets set for the Third Plan are as below :—

Item	Unit	Additional targets planned to be achieved during Third Plan (April, 1961 to March, 1966)	Likely position at the end of Third Plan (March, 1966)
I. <i>Generation (Multipurpose)</i>			
Power Houses	Nos.	1	4
Installed Capacity	000 kW.	569	845

Item	Unit	Additional targets planned to be achieved during Third Plan (April, 1961 to March, 1966)	Likely position at the end of Third Plan (March, 1966)
Transmission lines	Circuit miles	885	1975
Grid Sub-stations	Nos.	15	37
<i>II. Generation (Other than Multipurpose)</i>			
Power Houses	Nos.	11	22
Installed capacity	000 kW.	150	160
<i>III. Power Distribution</i>			
33 kV. lines	Miles	177	1591
11 kV. lines	Miles	2400	8911
Distribution lines	Miles	1600	5595
33 kV. Sub-stations	Nos.	22	96
Distribution Sub-stations	Nos.	2400	6494
Towns and villages electrified	Nos.	1600	4616
Connected load	kW.	287366	667768

#### (A) POWER GENERATION

##### Multipurpose Projects :

3.17. (i) *Bhakra-Nangal Project (Power)*.—One part of this Project was largely completed in the Second Plan and for it only spillover expenditure has been provided in the Third Plan. This part covers the construction of the Left Bank Power House at Bhakra, with five units of 90/53 MW. each, and of power stations at Ganguwal and Kotla, each of them with two units of 24 MW and another unit of 29.5 MW. Work on three units at the Bhakra Left Bank Power House and on one unit each at Ganguwal and Kotla has to be completed in the Third Plan. On the other part of the project, namely, the Right Bank Power House, only preliminary work was started in the Second Plan and the major portion of the work will be completed during the Third Plan. The project consists of the installation of four units of 120/72 MW. each which will enable optimum utilisation being made of the water storage in the Bhakra Reservoir



(ii) *Beas Project (Power)*.—This is a multipurpose project designed to harness the irrigation and power potential of River Beas. The project is planned in two parts:—

(a) *Beas Sutlej Link (Power)*.—This part of the project envisages the construction of a diversion dam at Pandoh in Kulu Valley whereby the waters of Beas will be transferred to Bhakra Reservoir through tunnels and open conduits. A fall of 1,000 feet is available enroute at Dahar, and will be utilised for the generation of power. The minimum flow available will be 7,500 cusecs for a period of seven to eight months in the year and 1,800 cusecs during the other months. It will be possible to convert some of the secondary power produced at Dahar into primary power by coordinating the work at the Dahar Power House and the Bhakra Power Houses. In order to firm up the entire capacity a thermal set shall be added to the system at a later date.

(b) *Pong Dam (Power)*.—The project envisages the construction of a storage dam on Beas to catch the monsoon flow and to release regulated supplies into the Rajasthan Canal and the Punjab Canal system emanating from Harike Headworks. The waters so released will also be utilised for the generation of power, by installing a power-house downstream of the Pong Dam. The firm power from this scheme is estimated at 122 M.W.

The Beas Project will take about 10 years to complete and the earliest benefits in the matter of power will become available about eight years after the commencement of construction. Other short-term schemes will, therefore, be investigated in the intervening period, and provision has been made accordingly.

#### Hydro Schemes other than Multipurpose :

3.18. (i) *Extension of the Uhl Hydro-Electric Scheme*.—This scheme provides for the utilisation of the tail waters from Jogindernagar Power House, at a distance of about three miles. A fall of 1,124 feet is available and the proposed installed capacity is 45,000 kW. Construction on this scheme will start towards the end of 1963-64.

(ii) *Canal falls on the Upper Bari Doab and Western Jumna Canal*—(a). Three falls are available on the Upper Bari Doab Canal within a distance of about ten miles between Madhopur and Malikpur. The flow in this canal throughout the year is 2,000 cusecs, and the gross head at the three falls being 50 feet, 56 feet and 39 feet. The total installed capacity will be 30,000 kW. The power houses will be located very close to the existing load centres, and will also be near the existing 132 kV. Trunk Transmission System of the Uhl River Scheme. As a result the scheme offers attractive prospects.

(b) A low head canal fall is available on the Western Jumna Canal near Tajewala Headworks where about 10,000 kW. firm capacity can be generated. This scheme is still under investigation.

#### Thermal Schemes :

3.19. (i) *Steam Station*.—Firming up of hydro power by steam power is customary as well, a necessary both for reliability and economy. It is proposed to start with a nucleus scheme of one unit of 50,000 kW. at or near Delhi. The capacity can be expanded later according to the needs.

(ii) *Diesel Sets*.—In order to meet the gap between the load curve and the available supply of power between 1962 and 1964, it is proposed to instal diesel sets of a total capacity of 25,000 kW. at various centres such as Faridabad, Chandigarh, Jagadhri, Faridkot, Sangrur and Hoshiarpur. As the delivery period for diesel sets is relatively short being six to eight months and the period needed for installation also is short, such sets can provide immediate relief in the matter of supply. The estimated cost is Rs 250 lakhs.

## (B) POWER DISTRIBUTION

3.20. A considerable part of the transmission system has already been laid in the State under the Bhakra-Nangal Project. The additional targets fixed in this regard are as below :

<i>Item</i>	<i>Unit</i>	<i>Target (Third Plan)</i>
220 kV.	Circuit miles	415
132 kV.	Circuit miles	218
66 kV.	Circuit miles	252
Total	Circuit miles	885

The position at the end of the Third Plan will be as follows :—

<i>Item</i>	<i>Unit</i>	<i>Target</i>
220 kV.	Circuit miles	823·38
132 kV.	Circuit miles	645·58
66 kV.	Circuit miles	506·28
Total	Circuit miles	1,975·24

3.21. The total number of localities in the Punjab is 21,049, the population groups being as follows :—

	<i>Number (1951 Census)</i>
Population above 100,000	3
Population between 10,000 and 100,000	76
Population below 10,000	20,970

All the places with a population of more than 10,000 and most of the localities with a population between 5,000—10,000 have already been electrified. The areas still to be electrified are rural ones and particular emphasis has, therefore, been laid on extension of power to these areas. Out of the total number of 21,049 villages in the State, 3,016 villages were electrified by the end of the Second Plan and another 1,600 villages will be electrified in the Third Plan. In fact, if financial resources permit the intention is to raise this target from 1,600 to 4,400 villages.

## CHAPTER IV

## INDUSTRIES AND MINERALS

4.1. One objective of planned development is the diversification of the economy leading to gradually expanding secondary and tertiary sectors, that is, large and small scale industries and services, trade and commerce. From this standpoint the Third Five Year Plan for industries is an integrated programme of agro-industrial development in which agriculture serves to provide the raw materials required for establishing resource-based industries. This will in turn sustain an expanding market for industrial goods through increase in agricultural incomes. The strategy of industrial growth has, therefore, been so devised as to facilitate the process of industrialisation in response to agricultural growth.

4.2. The overwhelming bulk of the State's population is still employed in agricultural occupations and industrial employment is at present restricted to only about 4,00,000 persons. In 1956, the secondary sector (comprising small scale and large scale industries) was less important in the economy of the State than in the country, in as much as it contributed 11.3 % of the net output and 9.3 % of the employment as against the figures of 17.5 % and 10 % respectively for India as a whole. Major developments will doubtless take place in the field of agriculture during the Third Plan, but the manpower requirements of that sector are not likely to rise. In fact an increasing percentage of the agricultural population are becoming available for other pursuits and there will as a result be the need for absorbing them in industrial activity. Expansion of industrial activity is thus of importance from the points of view both of expanding the employment opportunities and of increasing the State income.

4.3. A singular feature of the Punjab's industrial pattern is the predominance of small sized units. It is estimated that the number of such units is about 25,000, the output being as follow. The value of machine tools and agricultural implements produced amounted to about Rs 7.6 crores during 1960-61. Batala alone was responsible for the manufacture of over 50 % of the country's production of machine tools in the private sector. In respect of bicycles and sewing machines components, the production totalled about Rs 9.7 crores. The leather tanning and manufacturing industries accounted for an output of over Rs 8.2 crores. In the field of textiles the organised sector of the handloom industry produced about 386 lakh yards of cloth and 68.6 lakh yards of khadi. As against this, the picture in respect of large and medium scale industries is an unsatisfactory one. This can be attributed partly to the deficiency of natural resources, especially minerals for heavy and basic industries, and partly to lack of capital in large blocks backed by the requisite calibre of entrepreneurial capacity. In any event the industrial pattern dominated as it is by small scale units is organisationally weak and unable to compete with large scale units outside the local markets and is technically either inferior or tends to minimise the importance of quality.

4.4. Another feature of the industrial pattern of the State is that there is preponderance of consumer goods industries. This is the result of various factors such as suitability of the natural resources to the production of consumer goods, the paucity of industrial finance, and the growing demand for consumer goods as a consequence of increasing incomes. The producer goods industries that exist are engineering industries which manufacture tools, agricultural implements, diesel engines and industrial machinery. As to large scale industries, the development has been dictated by the availability of raw materials and has been confined to cement and paper factories.

4.5. In this background the following strategy of industrial development is envisaged for the Third Plan :—

- (a) expansion of farm and forest-based industries;

- (b) expansion of engineering industries producing intermediate products and light producer goods;
- (c) production of durable consumer goods to take advantage of the rising purchasing power particularly in the rural areas; and
- (d) introduction of large-scale industries, wherever feasible.

4.6. The total outlay provided for the programme of industrial development in the Third Plan of the State is Rs 1440.10 lakhs. Its break-up under the various heads is indicated below :—

	<i>(Rs in lakhs)</i>
Large and medium industries	322.10
Mines and minerals	10.00
Small scale industries	969.75
Hand-loom industries	45.00
Handicrafts	61.25
Sericulture	22.00
Khadi and village industries	10.00
Total	1440.10

4.7. During the course of the Third Plan, it will be necessary for the State to make distinct progress in the field of large and medium scale industries while increasing the tempo of development of small-scale and village industries. The proportion of the total population engaged in industry must also be increased during the next 5 years but this will be possible only if there is all round development of industrial activity, large scale as well as small scale and in both urban and rural areas.

4.8. *Large and medium Industries.*—A machine tool factory will be established at Pinjore which will be a public sector project exclusively under the Government of India. In the State Plan, provision has been made for contributing towards the share capital of two large scale industries for which raw material is available in the Punjab. Rs 2 crores will be contributed to the share capital of a Newsprint Factory and Rs 50 lakhs to that of a Cement Factory. Both these factories will be established in the District of Kangra.

4.9. *Mineral development.*—Not much progress has so far been made in the field of mineral extraction, but a number of surveys is being undertaken by the Geological Survey of India. Existence of various valuable minerals has been reported from time to time, but systematic work for determining the economics of their exploitation has not been undertaken. In the Third Plan this work will be taken up on a larger scale than until now, and 5 parties will be deputed in the different areas of the State for survey and investigation. Three parties will work in the district of Mahinderagarh and investigate iron ore, lime stone, and copper in that area, while the other two parties will explore coal, bauxite, limestone and gypsum reserves in the sub-montane regions.

4.10. *Small scale industries.*—The total provision for small scale industries is Rs 969.75 lakhs. The important schemes are the establishment of 89 Industrial Estates and 10 Industrial Development Areas at a total cost of Rs 245 lakhs, In industrial estates sheds will be provided

to the industrialists on rent, while in industrial development areas, which will be located in and around urban towns and in suitable rural centres, sites will be sold for establishing factories. It is intended that apart from several rural industrial estates each district should have at least one urban industrial estate and one industrial development area. Provision is also being made for assistance in the form of loans to individuals desiring to establish themselves in these estates and areas.

**4.11. Industrial finance.**—An important facility essential for the growth of industry is the provision of industrial finance and for this purpose Rs 416.54 lakhs have been allotted for advancing loans and Rs 108.56 lakhs for giving subsidies and grants-in-aid. Under the head of loans Rs 339.30 lakhs are for extending credit facilities to small scale industries. Loans in excess of Rs 25,000 will continue to be channelled through the Punjab Financial Corporation, and Rs 45 lakhs will be placed at the disposal of the Corporation. The institutional framework for the financing of small scale industries, whether privately owned or in the cooperative sector has, however, still to be built up and the existing facilities have to be expanded. A very significant step in this regard will be the establishment of a Punjab State Small Industries Corporation with the object of counselling, financing and promoting the interests of small scale industries by providing raw material at reasonable cost and also more marketing facilities for the finished products. The paid up capital of the Corporation will be Rs 40 lakhs. It is also proposed to utilise the cooperative banking institutions and other specialised banking agencies for extending industrial credit facilities.

**4.12. Industrial cooperatives.**—About 5,900 small scale industrial cooperative societies will be established during the Third Plan. Roughly half of these societies are likely to take up the production of engineering items. Subsidies will be given for managerial and other expenses incurred by the societies during the first three years of their working and a provision of Rs 45 lakhs has been made for this purpose.

**4.13. Handlooms.**—The main problem facing handloom industry is its low competitive capacity vis-a-vis mill production. Efforts will therefore be concentrated on improving efficiency, quality and design. To assist the industry, direct incentives in the form of rebates and subsidies will be continued, the provision being Rs 45 lakhs. The entire assistance will be given through cooperative societies. The number of weavers in the cooperative fold in the State increased from 4,000 to 12,000 during the Second Plan and the target for the Third Plan is to bring about a further addition of 10,000 weavers. There is also a Centrally sponsored scheme for the conversion of handlooms into powerlooms for which a provision of Rs 63.39 lakhs has been made. It may be observed that handloom industry being labour intensive is of first importance in expanding employment opportunities.

**4.14. Handicrafts.**—A provision of Rs 61.25 lakhs has been made for the development of handicrafts. In this programme training schemes will continue to occupy an important place, and it is proposed to establish 13 additional training centres in new crafts. Emphasis will also be laid on increased production through cooperatives for which purpose assistance will be given in the formation of 100 new cooperative societies from amongst the ex-trainees of the departmental institutions. Marketing facilities for handicrafts will also be provided in an organised manner. For the improvement of designs and for the modernisation of techniques of production, a central Design and Research Unit will be set up as an adjunct to the Government School of Arts.

**4.15. Sericulture.**—The programme for the development of sericulture covers planned cultivation of mulberry plants on private farms and provision has been made for giving subsidies for that purpose. Filature and experimental research stations will also be established. The total financial outlay provided for the programme is Rs 22 lakhs. The target is that the production of silk seed should be more than doubled as compared with the level at the beginning of the Plan and the production of raw silk should be increased from 20,000 pounds to 45,000 pounds.

**4.16. Khadi and village industries.**—Khadi and village industries are handled by the State Khadi and Village Industries Board. A provision of Rs 10 lakhs has been made in the Plan for sharing the expenditure incurred by this Board over the development of these industries.

## CHAPTER V

TRANSPORT AND COMMUNICATIONS

## ROADS

Date.....

5.1. There is special need for building roads in Punjab on an extensive scale because rail communications have been static for many years and no new railway line has been laid since 1947, except for the restoration of a small strip of previously dismantled link. Southern and south-eastern parts of the State particularly suffer from lack of adequate rail transport while with the extension irrigation from Bhakra, there has been a persistent demand for further transport facilities for this region. It is also relevant in considering the requirements that there is no concentration of industrial activity in particular blocks and the main trend of industrial development is in the field of small scale industries which are dispersed in the smaller towns. Again, expansion of the communication system is essential for transporting and marketing agricultural production which is being increased, and for the full utilisation of the forest wealth. In the forest areas the need is for roads as well as a net work of ropeways in the terrain which has steep inclines and drops.

5.2. The region which merits particular attention in respect of roads is the hill region because communications are the first step towards the development of this area. Indeed developmental plans in all sectors depend on the progress under this head. Accordingly, out of over-all outlay of Rs 12 lakhs for roads in the State Plan, Rs 341.25 lakhs have been provided for the hill areas, that is 28.4 % of the total. This takes into account the fact that the cost of construction of roads in the hill areas is higher than in the plains and also that in the past these areas did not receive their due share and there is deficiency which requires to be made up. The Plan also includes the construction of roads from villages to main roads, towns and railway stations. The provision for this scheme is Rs 70 lakhs but villagers will in addition make a contribution in the form of labour and land. The broad objective is that no village in a developed and agricultural area should remain at a distance of more than 4 miles from a metalled road and of more than  $1\frac{1}{2}$  miles from any type of road.

## ROAD TRANSPORT

5.3. There are two separate schemes under this sub-head the one relating to the erstwhile Pepsu area and the other to Mandi-Kulu area. The total financial outlay provided is Rs 60.00 lakhs as follows :—

(Rupees in lakhs)

Pepsu Road Transport Corporation	45
Mandi-Kulu Road Transport Corporation	15
Total	<u>60</u>

The latter scheme is intended to co-ordinate the road and the rail services and improve their efficiency with the object of promoting tourist traffic in that area. Apart from these two autonomous Corporations, the transport services will be run under direct departmental management,

CHAPTER VI  
SOCIAL SERVICES

**GENERAL EDUCATION**

6.1 The main consideration in formulating the educational policy has been to provide a firm and broad base of educational structure within the minimum possible period, special attention being given to the expansion of education in the rural area. The programme has also to be linked with opportunities for employment and with this end in view, there will be a distinct shift of emphasis from general education to technical education. The provision made in the State Plan for General Education is Rs 1777 lakhs as follows :—

	(Rs in lakhs)
Elementary Education	875.33
Secondary Education	515.42
University Education	273.68
Other educational schemes inclusive of those dealt with by Ministry of Scientific Research and Cultural Affairs	112.57
Total	1777.00

6.2. *Elementary education.*—The national target in respect of elementary education during the Second Plan was to achieve an enrolment of 60 % in the age group 6-11 years. Against this, the enrolment in Punjab was about 57 %. The proportion of boys and girls attending schools was 75 and 39 % respectively, against the national average of 79 % for boys and 40 % for girls. The target for the Punjab in the Third Plan is 90 % for boys and 70 % for girls. It is estimated that facilities for 16.86 lakhs children will have already been provided during the Second Plan, while 6.69 lakhs children will be covered during the Third Plan, the total being 23.55 lakhs. The actual number however is likely to be much higher, that is about 7.19 lakhs, because under the policy of free and compulsory primary education, enrolment cannot be restricted to the age group 6-11 years. This will require the recruitment of 12,000 additional teachers on the basis of a teacher student ratio of 1 : 50 and also increased expenditure on equipment, furniture and other teaching aids.

The teachers will be 'basic-trained' so that the quality of education at the elementary stage is improved. Provision has been made for setting up new training institutions and for increasing the intake capacity of the existing ones. Equipment at the rate of Rs 100 per school will be provided for giving basic orientation to primary schools. One model basic school will be opened in each district and school committees will be set up for the maintenance and development of primary schools. Residential quarters will be provided for women teachers in rural areas and books and stationery will be allowed free to poor girl students in backward areas.

6.3. *Secondary education.*—The target in the Second Plan in respect of secondary education for the age group 14-17 was to achieve an enrolment of 15 % but the achievement in Punjab was 12 %. Special efforts will, therefore, be necessary to make up the

deficiency. The target is to upgrade 100 Government middle schools and convert 250 high schools into the higher secondary pattern. No new higher secondary schools will be opened and there will instead be gradual up-grading of middle schools and high schools to the higher secondary level. It is purposed to introduce science and humanities groups in these schools and special arrangements will be made with the Punjab University for securing science teachers with post-graduate qualifications. A college will also be set up to train teachers for the Home Science group in higher secondary schools.

**6.4. University education.**—Provision has been made under the head of University Education for specialized higher education in Agriculture, Veterinary Science, Medical, Public Health, Engineering and other technical subjects. It is also proposed to establish a Punjabi University which will serve to develop Punjabi language and literature. Another important scheme is to introduce the three-year degree course in all the colleges. Better facilities will also be provided, particularly on the science side, in accordance with the norms set by the University Grants Commission. To meet the greater demand for facilities for higher education, especially for women, four new degree colleges will be started in the backward areas of the State. A new Home Science College will also be set up.

**6.5. Sports and physical education.**—Particular attention will be given to the development of games and sports under a Centrally sponsored programme Rs 52 lakhs. A College will be established with emphasis on sports and games. National Cadet Corps and Auxiliary Cadet Corps will also be expanded at a cost of Rs 25 lakhs. Further free supply of milk will be arranged for 20 lakhs school children in collaboration with "CARE", for which a provision of Rs 20 lakhs has been made.

#### **TECHNICAL EDUCATION**

**6.6.** Under the pattern of industrial development in the State, the requirement of technical personnel will increase manifold. It has accordingly been decided to accord high priority to technical education in the State Plan and the total allocation is Rs 728.36 lakhs against the provision of Rs 240.99 lakhs in the Second Plan. Besides, provision has been made for training craftsmen under the sub-head "Labour Welfare" while other specialized training has been provided for separately.

The main aims of the technical education programme are :—

- (i) Consolidation of the institutions set up during the Second Plan ;
- (ii) Introduction of new courses both at the degree and the post-graduate level ;
- (iii) Increase in the intake capacity of the degree and the diploma institutions ; and
- (iv) Provision of adequate financial facilities to deserving students drawn from the lower income groups.

The important schemes included in the Plan are the establishment of a Regional Engineering College at Kurukshetra, the expansion of degree courses in the Engineering Colleges at Patiala and Ludhiana, and the development/establishment of polytechnics. The annual intake capacity for the degree courses will be increased by 370 taking the total to 850 in addition to 30 seats in architectural engineering at the Engineering College at Chandigarh. The annual intake capacity in the various Polytechnics will increase by 1,320. A beginning will also be made in the direction of advanced and specialized training by providing 20 seats for post-graduate courses in the Punjab Engineering College, Chandigarh—10 seats for rotodynamics and 10 for electrical power engineering. Again, there is provision for technological training facilities in various industries such as textiles and leather.

A School of Arts will be established at Chandigarh at a cost of Rs 15 lakhs as also a State Museum. Financial assistance will be provided to Art Academies and scholarships will be given for training in dancing and other arts.



6.7. *Languages*.—Rupees 22.01 lakhs have been provided for the development of regional languages. The main schemes are the development of Hindi and Punjabi and their introduction in the administrative sphere and financial assistance to Hindi and Sanskrit pathshalas.

### HEALTH

6.8. The maintenance of an efficient organisation both for the prevention and cure of disease is among the primary responsibilities of the State and this objective has been kept in view while formulating the health programme for the Third Plan. Specific schemes have been prepared for improving environmental sanitation for providing safe drinking water in urban and rural areas and for controlling communicable diseases. Provision has also been made for institutional facilities and for training medical and health personnel. The total allocation under this sub-head is Rs 1310 lakhs, the breakup being as follows:—

	(Rs in lakhs)
Medical	907
Ayurveda	48
Water-supply	355
Total	1310

6.9 *Medical*.—The further break-up of the provision of Rs 907 lakhs made for the group 'Medical' is set out below:—

	(Rs in lakhs)
Medical Services	170.95
Education, Research and Training	377.80
Control of communicable diseases	314.00
Family Planning	34.00
Drug Control	3.00
Administrative staff	5.20
Miscellaneous	2.00
Total	907.00

It is proposed to consolidate the existing primary health services and to open 75 more health centres in collaboration with the Community Development Organisation. It is also proposed to link the primary health services with referral hospitals at the tahsil level and then with fully equipped hospitals at the district level.

6.10 *Medical education, research and training*.—To cope with the increased demand for trained doctors on the expansion of medical facilities, 100 seats will be added to the M.B., B.S. course at the Medical Colleges at Patiala and Amritsar. A new Medical College was also started at Rohtak with an annual intake capacity of 50 students. For meeting the demand for teachers for these medical colleges, a Post Graduate Research and Medical Institute will be established at Chandigarh. This Institute will provide post-graduate education and training facilities for D.O.M.S., D.T.D. and Diploma in Anaesthesia courses, and in addition offer research facilities in the following branches:—

- (i) Medicine;
- (ii) Surgery;
- (iii) Anaesthesia;
- (iv) Eye;

- (v) ENT;
- (vi) Pathology;
- (vii) Bacteriology;
- (viii) Virology;
- (ix) Bio-chemistry;
- (x) Radiology;
- (xi) Neuro Surgery; and
- (xii) Midwifery and Gynaecology.

While the total outlay on this scheme has been estimated to be about Rs 6 crores, the expenditure in the Third Plan will be of the order of Rs 3.10 crores. A hospital with 500 beds will be attached to this Institute. Facilities for the training of nurses, auxiliary nurse midwives, laboratory technicians and radiographers will also be expanded.

**6.11 Control of communicable diseases and family planning**—The bulk of expenditure under this group is for the eradication of malaria and diseases like small pox, hook-worm and leprosy, the amount provided for the eradication of malaria and small pox being Rs 243.50 lakhs and Rs 40 lakhs respectively. The programme of BCG vaccination will be continued as before.

In view of the very heavy increase in the population positive steps are necessary for reducing the birth rate. Rs 90 lakhs have been provided for the family planning programme, out of which the share of the State Government will be Rs 34 lakhs. In addition to the primary health centres which serve as family planning centres as well 50 separate family planning clinics will be opened. Sterilisation will also be encouraged by providing incentives in the form of compensation for the loss of the working days resulting from vasectomy operations.

**6.12. Ayurveda.**—The provision made for the expansion of Ayurvedic facilities is Rs 48 lakhs. The programme consists of the addition of 50 beds in the existing Ayurvedic Hospital, Patiala, the expansion of the Central Pharmacy for the manufacture of ayurvedic medicines and the establishment of 55 Ayurvedic/Unani dispensaries in the hill areas.

#### WATER-SUPPLY SCHEMES

**6.13. (a) Rural water-supply.**—The national objective is that every village which is without a community source of drinking water-supply should be provided with safe drinking water, which incidentally is an important factor in building up resistance to disease. Normally, the simpler types of water-supply schemes will be provided, but in certain areas with a low water table or insufficient and brackish/saline water, resort to piped water-supply is essential. Again in the sandy regions in the south of the State sanitary wells and hand-pumps are not useful and supply has to be provided through canal filtration or deep tube-wells. The total provision for rural water-supply schemes is Rs 75 lakhs and the target for the Third Plan is to cover 170 villages thus raising the total number of villages with water-supply facilities to 470 by the end of the Plan.

**(b) Urban water-supply.**—The provision for urban water-supply and drainage schemes is Rs 280 lakhs. These schemes are implemented by local bodies and the sum provided in the Plan is to be advanced to them in the form of loans and grants to be supplemented by a matching contribution. Efforts will also be made to secure additional funds from outside the Plan. The target is to provide water-supply facilities in 32 towns and drainage facilities in 28 towns raising the total number to 57 and 72, respectively.

#### HOUSING

**6.14** In a developing economy, there is pressure for better housing facilities in the urban as well the rural areas. In Punjab not only has there been a phenomenal increase in the population in the last decade from 161.34 lakhs to 202.98 lakhs but there has also been a shift of population towards the urban areas. According to the 1961 census, 799 persons but of 1,000 lived in rural areas and 201 in towns while the corresponding figures in 1951 were 810 and 190.

The provision for housing schemes in the Third Plan is Rs 240 lakhs as follows:—

	(Rs in lakhs)
Subsidized Industrial Housing	50.00
Low Income Group Housing	135.50
Village Housing Projects	42.00
Slum Clearance	12.50
	<hr/>
Total	240.00
	<hr/>

In addition, there is a Centrally sponsored scheme for 'Land acquisition and development' for which Rs 150 lakhs will be provided by the Central Government outside the State Plan.

**6.15. Subsidized industrial housing.**—The provision of Rs 50 lakhs for industrial housing will be supplemented by private employers and co-operative societies of industrial workers to the extent of Rs 10.50 lakhs taking the total to Rs 60.50 lakhs. 1,370 houses will be constructed under this scheme, the work of construction being undertaken by the Public Works Department as well as by employees and co-operative societies.

**6.16. Low income group housing.**—It is proposed to advance loans for the construction of 2,710 houses under the Low Income Group Housing scheme. Efforts will be made to supplement the allocation by institutional finance. A Housing Board/Corporation will also be set up directly after the necessary legislation in this regard has been passed by Parliament.

**Village housing project.**—Housing conditions in the rural areas are very un-satisfactory at present both as regards sanitation and planning and it is proposed to deal with this problem on an integrated basis. Rs 42 lakhs will be advanced in the form of loans for the construction of residential houses up to a maximum of Rs 2,000 per individual, provided he contributes 33½ per cent of the amount in the shape of cash or manual labour. The Rural Housing Cell will be further strengthened by the appointment of an officer of the rank of Superintending Engineer, with supporting staff. The work under the scheme will be continued from year to year in 200 villages up to the end of 1967-68.

**6.17. Slum clearance.**—The problem of slums is two-fold (i) to clear and improve the existing slums, and (ii) to check the creation of new slums. The provision in the Third Plan for this work is Rs 50 lakhs out of which the share of the State Government is Rs 12.50 lakhs. The slum clearance schemes are implemented by the local bodies after they have been scrutinized and approved by the State and the Central Governments. Besides positive measures for clearing and improving the existing slums, the schemes involve a strict enforcement of bye-laws and building regulations.

**Land acquisition and development.**—Availability of building sites in sufficient numbers and at reasonable rates is essential for the successful implementation of any housing programme. A provision of Rs 150 lakhs has therefore been made for taking up large scale acquisition and development of land at appropriate places all over the State in accordance with a Master Plan. The experience gained in developing Chandigarh Capital will be utilized in these areas, and self-contained colonies and subsidiary townships will be set up. Particular mention may be made of Faridabad and Gurgaon areas which are contiguous to the metropolis of Delhi and which require to be developed for absorbing the increasing population and as well as the expanding industries.

**Organisational set up.**—At present housing schemes are being implemented through special agencies in an un-coordinated manner because of lack of adequate technical and administrative staff in the Housing Department. This is, to a large extent, responsible for the delay in the execution of the various housing projects. A separate Town and Country Planning Organisation is therefore proposed to be set up which will work out and execute a comprehensive scheme for controlled organisation covering on the one hand the preparation of master plans and on the other planned regulation of building activities under all heads.

## LABOUR AND LABOUR WELFARE

**6.18. Labour welfare.**—The programme under the sub-head 'Labour Welfare' aims primarily at maintaining industrial peace and ensuring proper working conditions for labour. The provision in the Plan is Rs 12 lakhs. The State has been divided into five conciliation regions and each region has been placed under one whole-time conciliation officer instead of the working being undertaken by Labour Inspectors on part time basis. This will avoid delay in the implementation of awards and agreements so that the major cause of friction between the employers and the employees would be reduced if not eliminated. The machinery for the enforcement of the Minimum Wages Act in the 18 industries to which this Act applies in this State will be strengthened.

**6.19. Employees State Insurance Scheme.**—The total provision for this scheme is Rs 48 lakhs out of which the share of the State Government is Rs 6 lakhs. The scope of the scheme will be extended to bring all industrial centres with 500 or more industrial workers under it so that the benefits of the scheme will be available to approximately 30,000 workers.

**Employment Exchanges.**—Ten Employment Exchanges and Offices and 21 Rural Employment Information Assistance Bureaux will be opened while one District Employment Exchange will be upgraded to a Divisional Exchange. Besides, University Vocational Guidance and Employment Assistance Bureaux and a special employment exchange for highly qualified applicants are proposed to be set up. Special surveys and research in respect of the various trades in the private sector will be undertaken and studies will also be made to ascertain the trend of occupational diversification. Facilities for vocational guidance and employment counselling will be further extended and 12 independent V. G. Units and 12 employment exchanges will be set up.

**6.20. Craftsmen training.**—Keeping in view the higher demand for trained craftsmen arising from the expansion of the industrial sector and the modernisation of agriculture, a provision of Rs 327.5 lakhs has been made for establishing a chain of Industrial Training Institutes. Out of this amount of Rs 327.5 lakhs, the share of the State Government will be Rs 131 lakhs. It is proposed to establish 13 new Institutes with a capacity of 5,080 seats, whereby the number of the Institutes will rise to 28 and the number of seats to 9,928 by the end of the Third Plan. Evening classes will be run to enable industrial workers to utilize their spare time for improving their qualifications and therefore their economic prospects.

## DEVELOPMENT OF BORDER AREAS (LAHAUL SPITI)

**6.21. Lahaul and Spiti, bounded by Ladakh, Himachal Pradesh and the Kulu Sub-Division form the Scheduled Areas in this State.** The total area is 4,695 sq. miles and the population, according to 1961 census, is 20,478. These areas are inaccessible for most part of the year as the passes situated at a height of 13,000 ft. to 15,000 ft. remain closed for eight months. The inhabitants are economically very poor and socially very backward. The main cash crop is 'kuth', a medicinal herb, although wheat and barley are also grown. The chief items of trade are wool and pashmina but since these commodities used to be procured from Tibet, the trade has dwindled of late.

**6.22.** The first pre-requisite for the development of these areas is a well developed system of communications and therefore the highest priority has been given to the construction of roads and bridges, for which a sum of Rs 24 lakhs has been earmarked out of the total provision of Rs 114 lakhs. In order of priority, education is only second to communications and the provision made for the expansion of educational facilities is Rs 18.13 lakhs. It is proposed to open 15 new primary schools, convert 12 primary schools into the basic type, upgrade five primary schools to the middle standard and convert the high school at Keylong to the higher secondary type. Stipends will be given to students to encourage them to join the educational institutions. The provision made for irrigation is Rs 16 lakhs which includes the investigation and construction of suitable kuhls and the repair and maintenance of the existing 'kuhls'. Funds have also been earmarked for electrification, drinking water supply facilities and dispensaries. Efforts

will be made for the development of forests to provide timber for the construction of buildings and fuel for domestic use. Afforestation of about 70,000 acres is envisaged during the Third Plan, in addition to plantation of 10 acres in the Spiti Valley. A provision of Rs 20 lakhs has been made for spill over expenditure on schemes which could not be completed during the Second Plan.

### **WELFARE OF SCHEDULED CASTES, BACKWARD CLASSES AND VIMUKAT JATIS**

**6.23.** One of the notable socio-economic objectives of the country is the uplift of those sections of the society which have so far remained neglected and poor. Out of the total population of 203 lakhs in the Punjab, the population of Scheduled Castes and Vimukat Jatis is 41.39 lakhs. Most of them are economically poor and follow hereditary professions such as leather tanning, scavenging and weaving. The total outlay provided for measures to improve the conditions of these classes is Rs 222 lakhs. In addition, Rs 44.09 lakhs have been provided under a Centrally Sponsored Programme.

A sum of Rs 152 lakhs has been earmarked for giving special educational concessions to these classes in the form of scholarships and reimbursement of fees. 2,24,200 students will benefit from this scheme. 1,973 persons will be given industrial training at a total cost of Rs 9.9 lakhs. Subsidies totalling Rs 37.92 lakhs will be given to 1,896 families for the purchase of land and Rs 5.83 lakhs for the purchase of houses and building sites. The plan also provides Rs 5 lakhs for safe drinking water supply in areas inhabited pre-dominantly by the backward classes. Rs 44.09 lakhs are provided under the Centrally Sponsored Programme which includes an additional scheme for the supply of wheel barrows and hand carts to scavengers.

### **SOCIAL WELFARE**

**6.24.** The broad objective of the social welfare Programme is to bring about an improvement in the conditions of life of the individual within the family and the community. Owing however to financial limitations, the scope of the programme has been restricted to providing relief to special categories of persons like juvenile delinquents, physically and mentally handicapped children and adults, aged and infirm persons and beggars. The programme also covers schemes for social defence and moral hygiene. The provision made in the Plan is Rs 74.30 lakhs as follows :—

	<i>(Rs in lakhs)</i>
Child Welfare	15.08
Social Defence	7.50
Moral Hygiene and After-Care Programmes	3.00
State Welfare Board Schemes	13.38
Administration, training and research	6.50
Grant-in-aid	12.00
Welfare of aged and infirm	4.00
Welfare of physically handicapped	12.82
Total	74.30

The schemes have been framed in consultation with the various all India agencies such as the Central Social Welfare Board. They include holiday homes for children, protective homes for women, a Bal Bhavan, children's clubs and extended facilities under the After-Care Programme. Provision will also be made for foster-care service for orphans and destitute children. An institution for deaf and dumb children and a training centre for adult blind persons will be established in addition to the expansion of the existing centres. There is also a scheme for conducting surveys and reasearch on the problems relating to these handicapped sections of society. Besides the sum of Rs 74.30 lakhs provided in the State Plan, Rs 32.38 lakhs will be spent under a Centrally Sponsored Programme.

#### **PUBLIC CO-OPERATION**

6.25. Co-operation by the public and their active participation in the Plan are of basic importance particularly in a country which aims at achieving economic development through democratic agencies. The total outlay provided for the schemes under this sub-head is Rs 11.75 lakhs, of which the State share is Rs 4.70 lakhs. All the schemes are Centrally Sponsored. Rs 3 lakhs will be given as grants for starting Lok Karya Kashetras to such voluntary organisations as have experience in specific fields of development. Subsidies amounting to Rs 0.85 lakh will be given to labour co-operative societies in the early stages to assist them in engaging essential technical staff and office establishment. A sum of Rs 7.50 lakhs will be spent on demonstrating, through pilot projects, the value of voluntary effect in implementing developmental schemes. Rs 0.40 lakh has been provided for educational work on prohibition through voluntary organisations in selected areas with a large industrial population.

## CHAPTER VII

## MISCELLANEOUS DEVELOPMENT SCHEMES

## CAPITAL PROJECT

7.1. On the partition of the country in 1947, Lahore, the capital of the joint Punjab fell to the share of Pakistan and the newly formed East Punjab Government as it was then designated provisionally adopted Simla as the seat of the Government. Owing however to its difficult approach and to the inclement climate, it could not serve as the permanent capital. The available sites in the State were therefore surveyed and Chandigarh was selected as the most suitable.

7.2. A provision of Rs 18,78.23 lakhs was made during the First Plan, and later Rs 6,58.58 lakhs more were provided because the scope of the project had to be expanded to meet the additional demand for accommodation arising from the merger of the erstwhile States of Punjab and Pepsu.

7.3. Nearly all the major buildings included in the Project have been completed and essential works like roads, under-ground drainage and sewerage have been provided. The main items which are still outstanding and which have been included in the Third Plan include the completion of the Assembly Chamber, the extension of the High Court building, the construction of the General Hospital and the Medical Research Institute and the Community Theatre. A gross provision of Rs 850 lakhs has been made for this work in the current Plan. Out of this amount, Rs 350 lakhs will be recovered from the sale of plots and the net provision will be Rs 500 lakhs.

## PRINTING

7.4. The printing and stationery department is primarily a 'service' Department and the expansion of the State activities has its direct impact on the volume of the work handled by it. The increase in the printing work during the last decade has as a result been exceptionally heavy and the existing accommodation and machinery are not adequate to cope with even half the present load. The total provision made for the sub-head of "printing" the Third Plan is Rs 46 lakhs as against Rs 16 lakhs in the Second Plan. The important schemes are : establishment of a separate unit for printing of forms, additional machinery and equipment for the existing press, and construction of stationery stores and a book depot at Chandigarh. It is also proposed to establish a separate press for printing nationalized textbooks at Chandigarh at a cost of Rs 14.45 lakhs and to set up four sales depots for these books at other places at a cost of Rs 5.30 lakhs. This printing will be undertaken on a commercial basis and is expected to yield a profit of Rs 8 lakhs a year.

## STATISTICS

7.5. With the expanding scope of economic planning in the country, it is essential to secure reliable and adequate data on various indicators of socio-economic progress. Both the headquarters and the field agencies of the State Economic and Statistical Organisation were accordingly strengthened during the Second Plan. In the Third Plan, the Organisation will be expanded further. Training facilities will also be provided for the staff of the various departments entrusted with the collection and compilation of statistics e.g., progress assistants and village level workers. It is also proposed to set up a mechanical tabulation unit for compiling the data collected in the various rounds of the National Sample Survey. A separate State Income Section will be opened at the headquarters to collect data on the various constituents of the State income and its distribution over the different sectors. Along with income estimates data will be collected in respect of public finance which will assist in formulating policies with regard to the tax structure from the point of view of raising resources and distributing the tax burden equitably. Demographic studies too, will be undertaken to ascertain the trends of population growth.

## PUBLICITY

7.6. The main aim of the publicity programme is to disseminate information on the various aspects of the Plan and to secure the active participation of the masses in the implementation of the development schemes. The total provision under this sub-head in the Third Plan is Rs 50 lakhs against the corresponding provision of Rs 22.26 lakhs in the Second Plan. The programme provides for at least one community listening set in each village, information centres at the divisional headquarters, documentaries and feature films concerning the Plan and exhibitions for giving publicity to the development projects. It is also proposed to construct an auditorium-cum-information centre at Chandigarh and to install a teleprinter line between Chandigarh and Jullundur to assist the local language newspapers.

## TOURISM

7.7. Efforts for the development of the various places of tourist interest in the State were started on an organised basis in the Second Plan. The programme is being extended in the current Plan and the provision that has been made is Rs 22 lakhs. The main scheme is for the development of the hill areas particularly Kulu Valley and Simla which are the two important centres of attraction both for foreign and local tourists. Bhakra which attracts a large number of tourists is being developed with special emphasis on the Gobindsagar Reservoir. A hostel to cater for the middle class tourists will be constructed at Nangal and five pavilions and a cafeteria will be built near the Reservoir. Water-skiing and boating facilities will also be provided there. As to the other centres, bungalows for middle class tourists will be built at Kothi, Palampur, Manikaran, Baijnath and Anandpur Sahib.

## SPECIAL DEVELOPMENT IN URBAN AREAS

7.8. With the progress of industrialisation, the trend towards urbanisation has become more pronounced and extensive growth of urban areas is taking place. The development however is haphazard and uncontrolled which has accentuated the problems of the urban local bodies in the spheres of sanitation, safety and convenience. The financial resources of the local bodies are meagre and they are unable to undertake any extensive programme for providing basic amenities. The sources of income moreover are comparatively inelastic, and scope for further taxation is very limited. With these considerations in view, a provision of Rs 65 lakhs has been made in the Third Plan for subsidy as well as loans for local bodies with which works of public utility of the categories indicated below can be undertaken :—

- (a) Filling of low-lying areas and stagnant depressions
- (b) Laying out of parks ;
- (c) Construction of public health centres ;
- (d) Construction of swimming pools.

The local bodies to which loans will be advanced under this scheme will be required to arrange at least 25 % of the total cost from their own resources and to provide the staff for the execution of the programme. The allocation for subsidies is Rs 16 lakhs, and will be utilised to assist local bodies which are financially handicapped.



GOVERNMENT OF PUNJAB

# THIRD FIVE-YEAR PLAN



VOLUME II  
( Statistical Statements )

*Issued by :*  
THE PLANNING DEPARTMENT

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THIRD FIVE-YEAR PLAN

STATEMENT—I—CONCLD

(FINANCIAL OUTLAY)

(Lakh Rs)

Serial No.	Name of Sub-Head of Development	Cost NET†		Foreign Exchange involved in col. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally Sponsored Schemes	Total Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
12.	Multipurpose Projects ..	5096.00	5096.00	2133.30	..	1069.80	..	..	..	5096.00
13	Major and Medium Irrigation ..	650.00	650.00	28.90	..	295.94	..	..	..	650.00
14	Anti-Waterlogging, Drainage and Flood Control ..	1501.00	1501.00	65.00	..	..	..	..	..	1501.00
15	Power Projects ..	3222.00	3222.00	798.18	..	..	..	..	..	3222.00
16	Industries ..	1440.10	935.62	18.00	..	78.01	..	..	..	1440.10
17	Roads ..	1200.00	1110.00	5.00	7.50	..	..	..	..	1207.50
18	Road Transport ..	60.00	60.00	..	..	..	..	..	..	60.00
19	General Education ..	1777.00	234.72	..	..	6.50	..	138.39	34.50	1949.89
20	Technical Education ..	728.36	288.28	37.41	..	33.68	..	..	9.11	737.47
21	Health ..	1310.00	642.77	60.50	210.00	0.56	..	..	56.00	1576.00
22	Housing ..	240.00	210.99	..	..	..	..	..	187.50	427.50
23	Labour and Labour Welfare ..	155.00	52.20	..	..	..	..	..	205.50	360.50

24	Development of Border Areas (L. and S.) ..	114.00	60.92	..	..	..	..	..	..	114.00
25	Welfare of Scheduled Castes, Backward Classes and Vimukta Jatis ..	222.00	..	..	..	..	..	..	..	222.00
26	Social Welfare ..	74.30	2.60	..	..	..	..	..	10.50	84.80
27	Public Co-operation ...	4.70	..	..	..	..	..	..	7.05	11.75
28	Capital Project ..	500.00	500.00	15.00	..	850.00	..	..	..	500.00
29	Printing ..	46.00	24.00	9.25	..	30.00	..	..	..	46.00
30	Statistics ..	19.00	..	0.64	..	..	..	..	..	19.00
31	Publicity ..	50.00	..	..	7.50	2.25	..	..	4.50	62.00
32	Tourism ..	22.00	..	..	..	..	..	..	1.82	23.82
33	Special Development of Urban Areas ..	65.00	49.00	..	.25 per cent from Municipal Committees	..	..	..	..	65.00
	Total ..	23,138.86	16,564.90	3,226.79	262.44	2,937.77	..	162.64	663.58	24,227.52

‡Includes only the State Share in case of Centrally Sponsored Schemes.

**THIRD FIVE-YEAR PLAN**

**STATEMENT—II**

(BREAK-UP OF FINANCIAL OUTLAY)

(Lakh Rs)

Serial No.	Name of Sub-Head of Development	Financial Provision	BREAK UP OF FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS							
			Staff	Material and Building	Land	Equipment and machinery	Loan	Subsidy or Grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
1	Agricultural Production ..	873.00	279.35	157.22	0.14	53.66	89.03	102.14	245.46	927.00*
2	Minor Irrigation ..	752.00	10.80	..	0.70	8.65	566.14	81.86	83.85	752.00
3	Consolidation of Holdings ..	165.00	165.00	..	..	..	..	..	..	165.00
4	Animal Husbandry ..	268.00	63.82	51.79	3.41	28.46	..	29.96	90.56	268.00
5	Dairying and Milk Supply ..	180.00	33.00	48.37	5.50	73.13	20.00	..	..	180.00
6	Forest (including Game Preservation and Soil Conservation) ..	467.00	134.64	27.33	17.88	53.54	..	..	233.61	467.00
7	Fisheries ..	45.00	14.27	18.19	0.80	4.28	..	..	7.46	45.00
8	C.D. and N.E.S. ..	1,230.00	366.70	41.72	1.58	..	362.68	457.32	..	1230.00
9	Co-operation ..	450.00	56.40	0.80	..	..	205.56	176.74	10.50	450.00
10	Panchayats ..	152.11(a)	30.90	8.15	0.15	3.76	50.00	54.55	4.60	152.11

11	Resettlement of landless Agri. workers	100.00	6.00	..	..	..	74.00	20.00	..	100.00
12	Multipurpose Projects	5096.00	498.00	1691.44	196.39	2363.21	..	..	346.96	5096.00
13	Major and Medium Irrigation	650.00	107.77	228.20	48.40	32.40	..	..	233.23	650.00
14	Anti- Waterlogging, Drainage and Flood Control	1501.00	172.62	368.56	243.12	65.00	..	..	651.70	1501.00
15	Power Projects	3222.00	178.00	196.96	19.96	2327.08	..	..	500.00	3222.00
16	Industries	1440.10	190.27	266.95	6.80	63.99	416.54	108.56	386.99	1440.10
17	Roads	1200.00	495.55	525.30	139.80	39.35	..	..	..	1200.00
18	Road Transport	60.00	..	4.25	..	14.60	..	..	41.15	60.00
19	General Education	1811.50(b)	1044.47	242.07	2.00	1.65	..	235.17	286.14	1811.50
20	Technical Education	728.36	144.18	132.76	13.37	146.24	98.03	124.71	69.07	728.36
21	Health	1310.00	352.76	725.59	8.05	174.62	..	7.19	41.79	1310.00
22	Housing	240.00	..	..	..	..	214.47	19.99	5.54	240.00
23	Labour and Labour Welfare	155.00	58.44	46.52	5.68	40.39	..	..	3.97	155.00
24	Development of Border Areas (L and S)	114.00	36.14	35.99	0.41	11.14	1.25	2.71	26.36	114.00
25	Welfare of Scheduled Castes, Backward Classes and Vimukat Jatis	222.00	3.84	0.58	..	0.58	..	217.00	..	222.00
26	Social Welfare	74.30	15.02	3.71	1.00	0.95	..	40.86	12.76	74.30
27	Public Co-operation	4.70	..	..	..	..	..	4.70	..	4.70
28	Capital Project	850.00(c)	362.56	412.07	28.25	32.65	..	..	14.47	850.00
29	Printing	46.00	11.00	24.00	Included in Col. 5	11.00	..	..	..	46.00
30	Statistics	19.00	16.93	..	..	1.42	..	..	0.65	19.00
31	Publicity	50.00	14.24	2.40	0.60	9.16	..	3.00	20.60	50.00

**THIRD FIVE-YEAR PLAN**

**STATEMENT—II—CONCLD**

**(BREAK-UP OF FINANCIAL OUTLAY)**

(Lakh Rs)

Serial No.	Name of Sub-Head of Development	Financial Provision	BREAK-UP OF FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS							
			Staff	Material and Building	Land	Equipment and machinery	Loan	Subsidy or Grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
32	Tourism ..	22.00	3.10	16.00	..	..	1.00	..	1.90	22.00
33	Special development of urban Areas	65.00	..	..	..	..	49.00	16.00	..	65.00
	Total ..	23563.07	4865.77	5276.92	743.99	5560.91	2147.70	1702.46	3319.32	23617.07*

\*Includes a sum of Rs 54 lakhs for the establishment of Agr. University which is not included in col. 3.

(a) Includes Public Contribution of Rs 12.11 lakhs and Centre's share Rs 27.60 lakhs in case of Centrally sponsored Programme.

(b) Includes Centre's share of Rs 34.50 lakhs in case of Centrally Sponsored Schemes.

(c) Includes income of Rs 350 lakhs from sale of plots.

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**THIRD FIVE-YEAR PLAN**

**STATEMENT—III**

(EMPLOYMENT POTENTIAL)

Employment to be provided in Man-years

Serial No.	Name of Sub-Head of Development	Administrative and clerical	TECHNICAL		Skilled workers not included under cols. 4 & 5	Others including Class IV employees	Total
			Degree level	Diploma or certificate level			
1	2	3	4	5	6	7	8
1	Agricultural Production ..	2,458	3,658	1,292	1,908	4,906	14,222
2	Minor Irrigation ..	130	16	194	766	1,940	3,046
3	Consolidation of Holdings	27,028	..	..	90	9,223	36,341
4	Animal Husbandry ..	879	484	1,106	257	1,793	4,519
5	Dairying and Milk Supply ..	82	58	336	218	58	752
6	Forests (including Game Preservation and Soil Conservations) ..	1,319	734	1,891	3,107	20,938	27,989
7	Fisheries ..	162	126	41	163	440	932
8	Community Development and National Extension Service	4,227	196	1,664	208	1,003	7,298
9	Co-operation ..	14,616	5	138	5	964	15,728
10	Panchayats ..	577	..	60	..	141	778
11	Resettlement of Landless Agr. Workers ..	38	..	..	45	9	92
12	Multipurpose Projects ..	19,612	3,167	5,117	15,751	71,306	1,14,953
13	Major and Medium Irrigation	1,954	216	1,880	5,031	16,259	25,340
14	Anti-Waterlogging, Drainage and Flood Control ..	4,134	378	2,615	10,323	98,469	115,919
15	Power Projects ..	3,402	430	2,113	3,542	10,593	20,080
16	Industries ..	9,772	531	2,889	3,182	91,823	108,197
17	Roads ..	703	131	633	8,933	55,999	66,399
18	Road Transport ..	378	..	159	69	149	755
19	General Education ..	2,287	12,577	82,609	15	5,657	103,145
20	Technical Education ..	1,571	1,231	1,198	645	2,044	6,689
21	Health ..	3,391	7,578	1,334	9,885	46,440	68,628

## THIRD FIVE-YEAR PLAN

## STATEMENT—III—CONCLD

(EMPLOYMENT POTENTIAL)

Employment to be provided in Man-years

Serial No.	Name of Sub-Head of Development	Administrative and clerical	TECHNICAL		Skilled Workers not included under cols. 4 and 5	Others including Class IV employees	Total
			Degree level	Diploma or certificate level			
1	2	3	4	5	6	7	8
22	Housing ..	..	..	..	..	..	..
23	Labour and Labour Welfare	1,140	18	633	117	538	2,446
24	Development of Border Areas (L. and S.) ..	232	59	296	913	4,606	6,106
25	Welfare of Scheduled Castes, Backward Classes and Vimukat Jatis ..	247	..	..	..	116	363
26	Social Welfare ..	404	11	119	46	348	928
27	Public Co-operation ..	..	..	..	..	..	..
28	Capital Project ..	1,440	165	565	5,780	20,830	28,780
29	Printing ..	159	..	140	605	140	1,044
30	Statistics ..	44	89	189	..	36	358
31	Publicity ..	360	15	435	..	60	870
32	Tourism ..	95	..	..	..	35	130
33	Special Development of Urban Areas ..	..	..	..	..	..	..
	Total ..	102,841	31,873	109,646	71,604	466,863	782,827

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## 1. AGRICULTURAL PRODUCTION

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**SUB-HEAD NO. I—AGRICULTURAL PRODUCTION**

**DETAILED STATEMENT—I**

(FINANCIAL OUTLAY)

Thrid Plan Provision (Net)‡

Total : 87,300

Capital : 21,754

Revenue : 65,546

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET‡		Foreign exchange involved in column 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's Share in case of Centrally Sponsored Schemes	Total Columns (3+6+9+10)
		Total Capital					Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
AGR-1	Tube-wells at Seed Farms (Spill-over) ...	220	--	--	--	--	--	--	--	220
AGR-2	Construction of Seed Stores at Seed Farms	1,000	1000	--	--	--	--	--	--	1,000
AGR-3	Setting up of Nucleus Seed Farm for Gram and Bajra	270	--	--	--	40	--	--	--	270
AGR-4	Distribution of Improved Wheat Seed ...	750	--	--	--	--	--	--	--	750
AGR-5	Production and distribution of Hybrid Maize on subsidised basis	1,000	--	--	--	--	--	--	--	1,000
AGR-6	Production and distribution of improved paddy seed	465	--	--	--	--	--	--	--	465
AGR-7	Distribution of improved seed of Gram and Bajra	500	--	--	--	--	--	--	--	500
AGR-8	Production and distribution of improved seed of fodder crops	100	--	--	--	48	--	--	--	100
AGR-9	Development of Hill Areas—Production and distribution of vegetable and potato seeds	117	--	--	--	--	--	--	--	117

‡Includes only the State Share in the case of Centrally-Sponsored Schemes

**SUB-HEAD NO. I—AGRICULTURAL PRODUCTION**

**DETAILED STATE—MENT—I (CONTD)**

(FINANCIAL OUTLAY)

(Thousand Rs)

No. of Schemes	Name of Scheme	COST NET‡			Foreign exchange involved in column 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's Share in case of Centrally-Sponsored Schemes	Total Columns (3 + 6 + 9 + 10)
		Total	Capital					Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11	
AGR-10	Supply of pesticides for the control of insect pests and rodents	900	—	—	—	—	—	—	—	900	
AGR-11	Subsidy on manually operated Plant Protection machines for sale to Panchayats, Better Farming Societies, Model Farms and farmers	1,400	—	—	—	—	—	—	—	1,400	
AGR-12	Demonstration Vans for Plant Protection	1,500	—	—	—	54	—	—	—	1,500	
AGR-13	Green Manuring	500	—	—	—	—	—	—	—	500	
AGR-14	Sewage Utilization	50	—	—	—	—	—	—	—	50	
AGR-15	Rural Compost and Cattle Dung Manure	1,500	—	—	—	—	—	—	—	1,500	
AGR-16	Town Compost—Distribution of Manure	200	—	—	—	—	—	—	—	200	
AGR-17	Fertilizers for demonstration on cultivators' fields	1,000	—	—	—	—	—	—	—	1,000	
AGR-18	Subsidy on Phosphatic Fertilizers	1,400	—	—	—	—	—	—	—	1,400	
AGR-19	Development of Hill Areas—Subsidies for fertilizers, pesticides, seeds, plants and implements	2,000	—	—	—	—	—	—	—	2,000	

AGR-20	Concession in price for the introduction of improved agricultural implements— Ploughs ..	2,700	..	..	..	..	..	..	2,700
AGR-21	Concession in price for the introduction of Gas Plants ..	100	..	..	..	..	..	..	100
AGR-22	Loans to cultivators for the purchase of agricultural machinery—Power Wheat Thrashers ..	400	400	..	..	..	..	..	400
AGR-23	Cotton Extension, Seed Multiplication and Seed Distribution ..	1,383	..	..	..	..	..	..	1,383
AGR-24	Cane Development,—Supply of Improved Seeds, Demonstration and Publicity ..	4,000	..	..	..	..	..	..	4,000
AGR-25	Construction of Pucca Roads in Sugar Factory Areas ..	4,000	4,000	..	2,000	..	..	..	6,000
AGR-26	Oilseed, Extension, Plant Protection, Seed Multiplication and Seed Distribution ..	400	..	..	..	..	250	..	650
AGR-27	Development of Fruit Production ..	2,500	1,930	..	..	..	..	..	2,500
AGR-28	Development of Hill Areas—Loans for starting fruit orchards ..	2,000	2,000	..	..	..	..	..	2,000
AGR-29	Development of hill areas—Establishment of Progeny Orchards-cum-Nurseries ..	200	..	..	..	40	..	..	200
AGR-30	Development of Hill Areas—Nursery Production ..	825	13	..	..	166	..	..	825
AGR-31	Development of National Garden and Seedling Mangoes ..	205	..	..	..	..	..	..	205
AGR-32	Establishment of Punjab State Co-operative Fruit Development Federation (Hill Areas) ..	15	..	..	..	..	..	..	15
AGR-33	Training of Gardeners at Patiala ..	118	..	..	..	..	..	..	118
AGR-34	Development of Hill Areas—Training of Gardeners at Kulu ..	125	..	..	..	..	..	..	125
AGR-35	Development of Vegetable Production ..	400	..	..	..	..	..	..	400
AGR-36	Establishment of Vegetable Board ..	25	..	..	..	..	..	..	25

‡ Includes only the State Share in the case of Centrally-Sponsored Schemes.

**SUB-HEAD NO. 1—AGRICULTURAL PRODUCTION—(CONTD)**

**DETAILED STATEMENT I—CONTD**

**(FINANCIAL OUTLAY)**

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET†			Foreign exchange involved in column 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's Share in case of Centrally-Sponsored Schemes	Total Columns 3+6+9+10
		Total	Capital					Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11	
AGR-37	Development of Hill Areas—Development of Tea in Kangra District	203	..	..	..	..	..	..	..	203	
AGR-38	Development of Hill Areas—Development of Bee-Keeping	207	..	..	..	5	..	..	..	207	
AGR-39	Development of Hill Areas—Farm Advisory Service	1,200	..	..	..	..	..	..	..	1,200	
AGR-40	Farm Advisory Service (excluding hill areas)	4,000	..	..	..	..	..	..	..	4,000	
* AGR-41	Crop Insurance	5,000	..	..	..	6,000	..	..	2,500	7,500	
AGR-42	Extensive Agricultural District Programme (Package Programme)	9,020	60	..	..	..	..	..	..	9,020	
AGR-43	Seed Certification	205	..	..	..	..	..	..	..	205	
AGR-44	Crop Competition	550	..	..	..	280	..	..	..	550	
AGR-45	Demonstration, popularization, production and sale of improved Agricultural Implements	1,000	620	..	..	..	..	..	..	1,000	

AGR-46	Nilokheri Workshop	1,700	1,700	..	..	475	..	..	..	1,700
AGR-47	Quality Marking of Agricultural Implements	200	..	..	..	175	..	..	..	200
AGR-48	Implementation of the recommendations of the Agricultural Administration Committee set up by the Government of India	1,050	..	..	..	..	..	..	..	1,050
AGR-49	Strengthening of Agricultural Administration	100	..	..	..	..	..	..	..	100
AGR-50	Establishment of Regional Soil Testing Laboratories	438	..	..	..	..	..	..	..	438
AGR-51	Development of Hill Areas—Establishment of Soil Testing Laboratory	219	..	..	..	..	..	..	..	219
AGR-52	Strengthening of Well Boring Section for expeditious disposal of cultivators' requests for advice, repair, installation of tube-wells, pumping sets, pump houses, etc.	200	..	..	..	150	..	..	..	200
AGR-53	Subsidiary Foods	100	..	..	..	..	..	..	..	100
AGR-54	Development of Post-graduate Studies and Research Institutes	3,000	1,468	..	..	92	..	..	..	3,000
AGR-55	Improvement of facilities at the Government Agricultural College, Ludhiana	2610	809	..	..	190	..	..	..	2610
AGR-56	Development and management of Government Agricultural Farm, Ludhiana	500	109	..	..	25	..	..	..	500
AGR-57	Establishment of new Agricultural College in Haryana area	3,000	2,500	..	..	20	..	..	..	3,000
*AGR-58	Establishment of Punjab Agricultural University at Ludhiana	100	670	..	..	823	..	..	2,500	2,600
		(Token provision)								
AGR-59	Establishment of Junior Staff School for in-service training in farm management in Government Agricultural College, Ludhiana	543	200	..	..	..	..	..	..	543
AGR-60	Establishment of Soil Conservation Wing in Government Agricultural College, Ludhiana	146	..	..	..	..	..	..	..	146

†Includes only the State Share in the case of Centrally-Sponsored Scheme.

\*Centrally Sponsored Scheme.

**SUB-HEAD NO. I—AGRICULTURAL PRODUCTION—CONTD**

**DETAILED STATEMENT I—CONTD**

(FINANCIAL OUTLAY)

(Thousand Rs.)

No. of Scheme	Name of Scheme	COST NET‡		Foreign exchange involved in column 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's Share in case of Centrally Sponsored Scheme	Total Columns 3+6+9+10
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
AGR-61	Facilities to Agricultural Inspectors to take up M.Sc. (Agri.) degree course as regular students ..	230	..	..	..	30	..	..	..	230
AGR-62	Holding of Short courses for farmers ..	300	..	..	..	..	..	..	..	300
AGR-63	Establishment of Vocational Agricultural School ..	400	..	..	..	..	..	..	..	400
AGR-64	Horticultural Research Stations at Kandaghat, Bahadurgarh and Abohar ..	500	..	..	..	25	..	250	..	750
AGR-65	Research in Hill Areas—Establishment of a Sub-tropical Fruit Research Station at Nurpur and Horticultural Research Sub-station at Manali and a Dry Fruit Research Station in Lahaul ..	400	..	..	..	..	..	200	..	600
AGR-66	Research in Hill Areas—Improvement of ginger and elephant foot at Kandaghat and mushroom cultivation at Katrain ..	50	..	..	..	5	..	50	..	100
AGR-67	Research in Hill Areas—Improvement of Wheat, Barley, Rice and Pulses Crops (Improvement of Buck Wheat) ..	102	..	..	..	5	..	102	..	204

AGR-68	Research in Hill Areas—Sub-station for Grass land and forage	157	..	..	..	..	..	157	..	314
AGR-69	Research in Hill Areas—Diseases of Fruits	..	..	..	..	..	..	17	..	17
AGR-70	Research in Hill Areas—Improvement of Tea	83	36	..	..	90	..	47	..	130
AGR-71	Strengthening of Cereal Section for research on barley and pulses and setting up of rice research station at Kapurthala or Gurdaspur with sub-stations at Kangra and Karnal, Sub-station for wheat at Gurdaspur	700	..	..	..	..	..	..	..	700
AGR-72	Evolution of Agricultural Implements and hand tools—Strengthening of Engineering Section (Implements)	189	..	..	..	..	..	..	..	189
AGR-73	Strengthening of Millet Section for more intensive research work on millet and gram crops	232	..	..	..	..	..	..	..	232
AGR-74	Expansion of Sugarcane Research Scheme for Establishing Research Sub-stations at Rohtak, Hissar and Palwal	400	150	..	..	..	..	125	..	525
AGR-75	Strengthening of facilities for Bio-chemistry Section for studies on nutrition of ruminants problems of soil micro-biology and the determination of nutritive value of various varieties of food and other crops	500	..	..	..	..	..	..	..	500
AGR-76	Strengthening of Entomological Section for organising an insect pest survey unit and study of residual effect of pesticides on food crops	250	..	..	..	..	..	..	..	250
AGR-77	Strengthening of Chemical Section for research on soil fertility problems	250	..	..	..	..	..	..	..	250
AGR-78	Strengthening of fodder section for more intensive research on fodder crops	63	..	..	..	..	..	..	..	63
AGR-79	Strengthening of Vegetable Section for setting up of research sub-station at Ludhiana, research on chillies and onions at Karnal, research on storage and preservation of vegetables and establishment of tuber crops and research sub-station at Nagrota	333	..	..	..	..	10	..	..	333
AGR-80	Strengthening of Plant Pathological Section for research on diseases of vegetables and fruits and testing breeding material of Botanists	463	..	..	..	..	..	..	..	463

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†Includes only the State Share in the case of Centrally-Sponsored Scheme.



**SUB-HEAD NO. I AGRICULTURAL PRODUCTION—CONTD**

**DETAILED STATEMENT.—CONTD**

(FINANCIAL OUTLAY)

(Thousand Rs.)

No. of Scheme	Name of Scheme	COST NET†		Foreign exchange involved in column 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's Share in case of Centrally Sponsored Schemes	Total Columns 3+6+9+10
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
AGR-81	Research on Sugar Beet ..	200	..	..	..	..	..	..	..	200
*AGR-82	Improvement of Gram and Bajra in southern districts of the Punjab ..	38	..	..	..	..	..	19	..	57
AGR-83	Co-ordinated scheme for sample fertilizer trials on the cultivators' fields and Model Agronomic experiments at Sirsa and Nasirpur ..	1,020	..	..	..	14	..	..	..	1,020
AGR-84	Investigation of the causes of failure of citrus in the Punjab ..	100	..	..	..	..	..	..	..	100
AGR-85	Research on Weed Control ..	60	..	..	..	..	..	..	..	60
AGR-86	Training of Gram Sewaks at the Gram Sewaks Training Centres at Nabha, Batala and Sirsa ..	2,037	..	..	..	..	..	..	..	2,037
AGR-87	Training of Gram Sevikas in the Home Economics Department at Nabha, Batala and Kunjpura (district Karnal) ..	816	..	..	..	..	..	..	..	816
AGR-88	Training of Village Level Workers in organising Village Youth activities at Nabha Batala and Sirsa ..	83	..	..	..	..	..	..	..	83

AGR-89	Agricultural Workshops attached to Gram Sewaks Training Centres at Nabha, Batala and Sirsa	474	112	...	...	..	...	..	...	474
AGR-90	Refresher Training to Gram Sewaks	105	..	...	...	..	..	..	...	105
AGR-91	Technological Studies of Punjab Cotton	29	..	...	...	..	..	100	..	129
AGR-92	Research on insect pests of cereal crops (Rice and Maize) and Oilseeds	40	..	..	..	..	..	..	..	40
AGR-93	Lump sum provision for Agricultural Research	930	..	..	..	..	..	..	...	930
AGR-94	Breeding of extra long staple cotton—Construction of buildings	77	77	...	..	..	..	..	..	77
AGR-95	Strengthening of existing Agricultural Information Unit	800	..	...	..	..	..	..	...	800
AGR-96	Strengthening of Marketing Section for additional work load due to revision of Marketing Act and grading of Citrus Fruit	152	..	..	..	..	..	456	...	608
AGR-97	Provision of grading services in regulated Markets	138	..	...	..	..	..	..	...	138
*AGR-98	Ag marking of Cotton	200	..	..	..	..	..	200	...	400
*AGR-99	Strengthening of Statistical Section for designing of experiments, inspection of crop, diagnostic samples, survey studies crop cutting experiments of non-food crops and improvement of Agricultural Statistics	840	..	...	...	...	..	65	...	905
AGR-100	Survey of Culturable Waste Lands	100	..	...	...	...	..	..	...	100
AGR-101	Loans to cultivators for the reclamation of waste lands through manual and bullock labour	400	400	...	..	..	...	..	...	400
AGR-102	Reclamation of culturable waste lands	3,500	3500	...	...	...	..	..	...	3,500
Total		87,300	21,754	...	2,000	8,762	...	2,038	5,000	96,338

†Includes only the State Share in the case of Centrally Sponsored Schemes.

\*Centrally Sponsored Schemes.

**SUB-HEAD No.I—AGRICULTURAL PRODUCTION—CONT'D**

**DETAILED STATEMENT.—II**

(BREAK UP OF FINANCIAL OUTLAY)

(Thousand Rs.)

BREAK-UP OF THE FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS

No. of Scheme	Name of Scheme	Financial provision	BREAK-UP OF THE FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS							Total
			Staff	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	
1	2	3	4	5	6	7	8	9	10	11
AGR-1	Tube-wells at Seed Farms (Spill over) ..	220	..	..	..	220	..	..	..	220
AGR-2	Construction of Seed Stores at Seed Farms	1000	..	1000	..	..	..	..	..	1000
AGR-3	Setting up of nucleus seed farm for Gram and Bajra ..	270	100	..	..	80	..	..	90	270
AGR-4	Distribution of improved wheat seed ..	750	..	..	..	..	..	750	..	750
AGR-5	Production and distribution of Hybrid Maize seed on subsidised basis ..	1000	312	..	..	..	..	360	328	1000
AGR-6	Production and distribution of improved paddy seed ..	465	154	..	..	..	..	200	111	465
AGR-7	Distribution of improved seed of Gram and Bajra ..	500	..	..	..	..	..	500	..	500
AGR-8	Production and distribution of improved seeds of fodder crops ..	100	40	31	..	..	..	..	29	100
AGR-9	Development of Hill Areas—Production and distribution of vegetable and potato seed ..	117	50	..	..	..	..	..	67	117
AGR-10	Supply of pesticides for the control of insect pests and rodents ..	900	32	..	..	..	..	850	18	900

AGR-11	Subsidy on manually operated Plant Protection machines for sale to Panchayats, Better Farming Societies, Model Farms and farmers	1400	11	..	..	..	..	1389	..	1400
AGR-12	Demonstration Vans for Plant Protection	1500	300	..	..	900	..	300	..	1500
AGR-13	Green Manuring	500	70	..	..	..	..	400	30	500
AGR-14	Sewage Utilization	50	30	..	10	..	..	..	10	50
AGR-15	Rural Compost and Cattle Dung Manure	1500	1140	..	..	..	..	..	360	1500
AGR-16	Town Compost Distribution of Manure	200	60	..	..	..	..	100	40	200
AGR-17	Fertilizers for demonstration on cultivators fields	1000	150	..	..	..	..	..	850	1000
AGR-18	Subsidy on phosphatic fertilizers	1400	..	..	..	..	..	..	1400	1400
AGR-19	Development of Hill Areas—Subsidies for fertilizers, pesticides, seeds, plants and implements	2000	..	..	..	..	..	..	2000	2000
AGR-20	Concession in price for the introduction of improved agricultural implements—Ploughs	2700	..	..	..	..	..	2700	..	2700
AGR-21	Concession in price for the introduction of Gas Plants	100	..	..	..	..	..	100	..	100
AGR-22	Loans to cultivators for the purchase of agricultural machinery—Power Wheat Thrashers	400	..	..	..	..	400	..	..	400
AGR-23	Cotton Extension, Seed Multiplication and Seed Distribution	1383	891	..	..	..	..	376	116	1383
AGR-24	Cane Development, Supply of improved seeds, Demonstration and Publicity	4000	1777	..	..	30	..	1785	408	4000
AGR-25	Construction of Pucca Roads in Sugar Factory Areas	4000	..	4000	..	..	..	..	..	4000
AGR-26	Oilseeds Extension, Plant Protection, Seed Multiplication and Seed distribution	400	168	..	..	15	..	11	206	400
AGR-27	Development of Fruit Production	2500	500	..	..	..	1930	..	70	2500

**SUB-HEAD No.I —AGRICULTURAL PRODUCTION —CONTD**

**DETAILED STATEMENT.—II—CONTD.**

(BREAK-UP OF FINANCIAL—OUTLAY)

(Thousands Rs)

No. of Scheme	Name of Scheme	Financial provision	BREAK-UP OF THE FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS							
			Staff	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
AGR-28	Development of Hill Areas—Loans for starting fruit orchards ..	2000	..	..	..	..	2000	..	..	2000
AGR-29	Development of Hill Areas—Establishment of Progeny orchards-cum-nurseries	200	98	..	4	2	..	..	96	200
AGR-30	Development of Hill Areas—Nursery Production ..	825	225	13	..	11	..	..	576	825
AGR-31	Development of National Garden and Seedling Mangoes ..	205	150	..	..	..	..	..	55	205
AGR-32	Establishment of Punjab State Co-operative Fruit Development Federation (Hill Areas) ..	15	..	..	..	..	..	15	..	15
AGR-33	Training of Gardeners at Patiala ..	118	31	..	..	..	..	..	87	118
AGR-34	Development of Hill Areas—Training of Gardeners at Kulu	125	31	20	..	..	..	..	74	125
AGR-35	Development of Vegetable Production ..	400	300	..	..	..	..	..	100	400
AGR-36	Establishment of Vegetable Boards ..	25	..	..	..	..	..	25	..	25
AGR-37	Development of Hill Areas—Development of Tea in Kangra District ..	203	..	..	..	..	..	203	..	203

AGR-38	Development of Hill Areas--Development of Bee-keeping ..	207	191	..	..	..	..	..	16	207
AGR-39	Development of Hill Areas--Farm Advisory Service ..	1200	800	..	..	50	..	..	350	1200
AGR-40	Farm Advisory Service (excluding Hill Areas) ..	4000	2900	..	..	100	..	..	1000	4000
AGR-41	Crop Insurance ..	5000	2620	..	..	..	..	..	2380	5000
AGR-42	Extensive Agricultural District Programme (Package Programme) ..	9020	3100	360	..	160	3653	..	1747	9020
AGR-43	Seed Certification ..	205	160	..	..	..	..	..	45	205
AGR-44	Crop Competition ..	550	100	..	..	..	..	..	450	550
AGR-45	Demonstration, popularisation, production and sale of improved agricultural implements ..	1000	250	..	..	..	620	..	130	1000
AGR-46	Nilokheri Workshop ..	1700	300	..	..	1000	..	..	400	1700
AGR-47	Quality Marking of agricultural implements ..	200	180	..	..	..	..	..	20	200
AGR-48	Implementation of the recommendations of the Agricultural Administration Committee set up by the Government of India ..	1050	900	..	..	..	..	..	150	1050
AGR-49	Strengthening of Agricultural Administration ..	100	80	..	..	..	..	..	20	100
AGR-50	Establishment of Regional Soil Testing Laboratories ..	438	200	..	..	38	..	..	200	438
AGR-51	Development of Hill Areas--Establishment of Soil Testing Laboratory ..	219	100	..	..	50	..	..	69	219
AGR-52	Strengthening of Well Boring Section for expeditious disposal of cultivators' requests for advice, repair, installation of tube wells, pumping sets, pump-houses, etc. ..	200	100	..	..	..	..	..	100	200
AGR-53	Subsidiary Foods ..	100	30	..	..	..	..	50	20	100

\* Centrally Sponsored Scheme.

**SUB-HEAD No. I.—AGRICULTURAL PRODUCTION—CONTD**

**DETAILED STATEMENT.—II—CONTD**

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rs)

**BREAK-UP OF THE FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS**

No. of Scheme	Name of Scheme	Financial provision									Total
		Staff	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others			
1	2	3	4	5	6	7	8	9	10	11	
AGR-54	Development of post-graduate studies and Research Institutes ..	3000	806	1468	..	35	..	..	691	3000	
AGR-55	Improvement of facilities at the Government Agricultural College, Ludhiana ..	2610	680	1379	..	..	..	..	551	2610	
AGR-56	Development and management of Government Agricultural Farm, Ludhiana ..	500	165	109	..	75	..	..	151	500	
AGR-57	Establishment of new Agricultural College in Hariana area ..	3000	400	2500	..	50	..	..	50	3000	
*AGR-58	Establishment of Punjab Agricultural University at Ludhiana ..	*100	300	3900	..	1300	..	..	..	5500	
AGR-59	Establishment of junior staff school for in-service training in farm management in Government Agricultural College, Ludhiana ..	543	240	200	..	..	..	..	103	543	
AGR-60	Establishment of Soil Conservation Wing in Government Agricultural College, Ludhiana ..	146	100	..	..	..	..	..	46	146	
AGR-61	Facilities to Agricultural Inspectors to take up M.Sc. (Agri.) degree course as regular students ..	230	..	..	..	..	..	..	230	230	
AGR-62	Holding of short courses for farmers ..	300	100	..	..	..	..	..	200	300	

AGR-63	Establishment of Vocational Agricultural School ..	400	100	..	..	..	..	..	300	400
AGR-64	Horticultural Research Stations at Kandaghat, Bahadurgarh and Abohar ..	500	270	50	..	30	..	..	150	500
AGR-65	Research in Hill areas—Establishment of a sub-tropical Fruit Research Station at Nurpur and Horticultural Research Sub-station at Manali and Dry Fruit Research Station in Lahaul ..	400	150	..	..	50	..	..	200	400
AGR-66	Research in hill areas—Improvement of Ginger and Elephant Foot at Kandaghat and mushroom cultivation at Katrain ..	50	30	..	..	..	..	..	20	50
AGR-67	Research in hill areas—Improvement of Wheat, Barley, Rice and Pulses crops (Improvement of Buck Wheat) ..	102	80	..	..	..	..	..	22	102
AGR-68	Research in hill areas—sub-station for grass and land forage ..	157	130	..	..	..	..	..	27	157
AGR-69	Research in hill areas—Research on diseases of fruit ..	..	..	..	..	..	..	..	..	..
AGR-70	Research in hill areas—Improvement of Tea ..	83	40	36	..	..	..	..	7	83
AGR-71	Strengthening of Cereal Section for research on barley and pulses and setting up of rice research station at Kapurthala or Gurdaspur with sub-stations at Kangra and Karnal, Sub-station for wheat at Gurdaspur ..	700	543	10	..	10	..	..	137	700
AGR-72	Evolution of Agricultural Implements and hand tools—Strengthening of Engineering Section (Implements) ..	189	100	..	..	50	..	..	39	189
AGR-73	Strengthening of Millet Section for more intensive research work on millet and gram crops ..	232	130	..	..	50	..	..	52	232
AGR-74	Expansion of Sugarcane Research scheme for establishing Research Sub-station at Rohtak, Hissar and Palwal ..	400	100	150	..	10	..	..	140	400

\*(Token Provision. The difference of Rs 54 lakhs will be met out of the savings from other Plan Schemes).

\*Centrally Sponsored Schemes.



**SUB-HEAD No. 1.—AGRICULTURAL PRODUCTION—CONTD**

**DETAILED STATEMENT.—II—CONTD**

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rs.)

BREAK-UP OF THE FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS

No. of Scheme	Name of Scheme	Financial provision	BREAK-UP OF THE FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS							
			Staff	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
AGR-75	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	500	300	..	..	50	..	..	150	500
AGR-76	Strengthening of Entomological Section for organising an insect pest survey unit and study of residual effect of pesticides on food crops	250	200	..	..	..	..	..	50	250
AGR-77	Strengthening of Chemical Section for research on soil fertility problems	250	150	..	..	20	..	..	80	250
AGR-78	Strengthening of fodder section for more-intensive research on fodder crops	63	50	..	..	..	..	..	13	63
AGR-79	Strengthening of Vegetable Section for setting up research sub-station at Ludhiana research on chillies and onions at Karnal, research on storage and preservation of vegetables and establishment of tuber crops and research sub-station at Nagrota	333	200	..	..	50	..	..	83	333

AGR-80	Strengthening of Plant Pathological Section for research on diseases of vegetables and fruits and testing breeding material of Botanists	..	463	200	..	..	100	..	..	163	463
*AGR-81	Research on Sugar Beet	..	200	80	..	..	50	..	..	70	200
AGR-82	Improvement of Gram and Bajra in southern districts of the Punjab	..	38	18	..	..	..	..	..	20	38
AGR-83	Co-ordinated Scheme for sample fertilizer trials on the cultivators' fields, and Model Agronomic experiments at Sirsa and Nasirpur	..	1020	200	..	..	50	..	..	770	1020
AGR-84	Investigation of the causes of failure of citrus in the Punjab	..	100	60	..	..	..	..	..	40	100
AGR-85	Research on Weed Control	..	60	42	..	..	..	..	..	18	60
AGR-86	Training of Gram Sewaks at the Gram Sewaks Training Centres, Nabha, Batala and Sirsa	..	2037	1400	257	..	100	..	..	280	2037
AGR-87	Training of Gram Savikas in the Home Economic Department at Nabha, Batala and Kunjpura (Karnal)	..	816	250	50	..	..	..	..	516	816
AGR-88	Training of Village Level Workers in Organising Village Youth Activities, Nabha, Batala and Sirsa	..	83	..	..	..	20	..	..	63	83
AGR-89	Agricultural Workers attached to Gram Sewaks Training Centres at Nabha, Batala and Sirsa	..	474	100	112	..	50	..	..	212	474
*AGR-90	Refresher Training to Gram Sewaks	..	105	90	..	..	..	..	..	15	105
AGR-91	Technological Studies of Punjab Cotton..	..	29	20	..	..	..	..	..	9	29
AGR-92	Research on insect pests of cereal crops (Rice and Maize) and Oilseeds	..	40	30	..	..	..	..	..	10	40
AGR-93	Lump sum provision for Agricultural Research	..	930	..	..	..	..	..	..	930	930
AGR-94	Breeding of extra long staple cotton-Construction of Building	..	77	..	77	..	..	..	..	..	77
AGR-95	Strengthening of existing Agricultural unit	..	800	200	..	..	150	..	..	450	800

Centrally Sponsored Scheme.

**SUB-HEAD No. 1.—AGRICULTURAL PRODUCTION—CONTD**

**DETAILED STATEMENT II—CONTD**

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rs.)

No. of Scheme	Name of Scheme	Financial provision	BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS							
			Staff	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
AGR-96	Strengthening of Marketing Section for additional-work load due to revision of Marketing Act and grading Citrus Fruit	152	100	...	...	...	..	..	52	152
AGR-97	Provision of grading services in regulated markets	138	...	..	..	..	..	..	138	138
AGR-98	Ag. Marking of Cotton	200	60	..	..	60	..	..	80	200
AGR-99	Strengthening of Statistical Section, for designing of experiments, inspection of crop cutting experiments, Diagnostic sample survey studies, crop cutting experiment on non-food crop and improvement of agricultural statistics	840	490	...	..	350	..	..	..	840
AGR-100	Survey of culturable Waste lands	100	100	..	..	..	..	..	..	100
AGR-101	Loans to cultivators for reclamation of waste land through manual and bullock labour	400	..	..	..	..	300	100	..	400
AGR-102	Reclamation of culturable waste lands	3500	500	..	..	..	..	..	3000	3500
	<b>Total</b>	<b>†87300</b>	<b>27935</b>	<b>15722</b>	<b>14</b>	<b>5366</b>	<b>8903</b>	<b>10214</b>	<b>24546</b>	<b>†92700</b>

\* The difference between columns 3 and 11 is due to token provision in respect of Scheme Establishment of Agricultural University. The net total cost in respect of this scheme is estimated at Rs 55 lakhs against the token provision of Rs 1.00 lakh. The difference of Rs 54.00 lakhs will be met out of the savings from other Plan Schemes.

\* Centrally Sponsored Schemes.

## SUB-HEAD No. 1—AGRICULTURAL PRODUCTION— CONTD

## DETAILED STATEMENT III

(EMPLOYMENT POTENTIAL)

Direct employment to be provided in man years

No. of Scheme	Name of Scheme	Administrative and clerical	TECHNICAL			Skilled workers not included under columns 4 and 5	Others including Class IV Employees	Total
			Degree level	Diploma or certificate level				
1	2	3	4	5	6	7	8	
AGR-3	Setting up of nucleus seed farms for gram and bajra ..	5	10	20	..	104	139	
AGR-5	Production and distribution of Hybrid Maize Seed on subsidised basis ..	26	58	..	5	70	159	
AGR-6	Production and distribution of improved paddy seed ..	5	55	..	..	55	115	
AGR-8	Production and distribution of improved seeds of fodder crops ..	6	12	6	..	..	72	
AGR-9	Development of Hill Areas—Production and distribution of vegetable and potato seed ..	5	15	..	..	25	45	
AGR-10	Supply of pesticides for the control of insect pests and rodents ..	..	..	..	..	..	..	
AGR-11	Subsidy on manually operated Plant Protection machines for sale to Panchayats, Better Farming Societies, Model Farms and farmers ..	5	..	..	..	..	5	
AGR-12	Demonstration Vans for Plant Protection ..	..	60	..	120	130	310	
AGR-13	Green Manuring ..	5	15	..	..	5	25	
AGR-15	Rural Compost and Cattle Dung Manure ..	..	70	..	10	5	85	
AGR-16	Town Compost—Distribution of Manure ..	..	15	..	..	10	25	
AGR-20	Concession in price for the introduction of improved agricultural implements—Ploughs ..	5	..	..	..	..	5	
AGR-21	Concession in price for the introduction of Gas Plants ..	..	5	..	5	5	15	
AGR-23	Cotton Extension, Seed Multiplication and Seed Distribution ..	20	22	35	143	10	230	
AGR-24	Cane Development Supply of improved seeds, Demonstration and Publicity ..	54	76	4	5	658	797	
AGR-27	Development of Fruit Production ..	10	75	..	370	..	455	
AGR-31	Development of National Garden and Seedling Mangoes ..	8	4	4	..	28	44	
AGR-33	Training of Gardeners at Patiala ..	..	5	10	..	..	15	

## SUB-HEAD No. 1—AGRICULTURAL PRODUCTION—CONTD

## DETAILED STATEMENT III—CONTD

(EMPLOYMENT POTENTIAL)

Direct employment to be provided in man years

No. of Scheme	Name of Scheme	Administrative and clerical	TECHNICAL			Skilled workers not included under columns 4 and 5	Others including Class IV Employees	Total
			Degree level	Diploma or certificate level				
1	2	3	4	5	6	7	8	
AGR-34	Development of Hill Areas—Training of Gardeners at Kulu	..	5	10	..	..	15	
AGR-35	Development of Vegetable Production	20	72	..	4	76	172	
AGR-37	Development of Hill Areas—Development of Tea in Kangra District	5	25	..	..	25	55	
AGR-38	Development of Hill Areas—Development of Bee-Keeping	10	5	..	90	..	105	
AGR-39	Development of Hill Areas—Farm Advisory Service	10	..	..	..	30	40	
AGR-40	Farm Advisory Service (excluding Hill areas)	545	756	..	140	760	2201	
AGR-41	Crop Insurance	315	83	390	..	458	1246	
AGR-42	Extensive Agricultural District Programme (Package Programme)	122	355	579	109	122	1287	
AGR-43	Seed Certification	20	10	..	..	70	100	
AGR-44	Crop Competitions	15	10	..	..	10	35	
AGR-45	Demonstration, popularization, production and sale of improved agricultural implements	15	..	..	50	5	70	
AGR-46	Nilokheri Workshop	50	..	..	15	45	110	
AGR-47	Quality Marking of agricultural implements	5	40	..	..	40	85	
AGR-48	Implementation of the recommendations of the agricultural administration Committee set up by the Government of India	135	10	..	..	20	165	
AGR-49	Strengthening of Agricultural Administration	95	..	..	..	5	100	
AGR-50	Establishment of Regional Soil Testing Laboratories	5	30	..	..	30	65	
AGR-51	Development of Hilly Areas—Establishment of Soil Testing Laboratory	15	10	15	5	20	65	

\*Centrally Sponsored Scheme.

## SUB-HEAD No. 1.—AGRICULTURAL PRODUCTION—CONTD

## DETAILED STATEMENT—III—CONTD

## (EMPLOYMENT POTENTIAL)

Direct employment to be provided in man years

No. of Schemes	Name of Scheme	Administrative and clerical	TECHNICAL				Total
			Degree level	Diploma or certificate level	Skilled workers not included under columns 4 and 5	Others including Class IV Employees	
1	2	3	4	5	6	7	8
AGR-52	Strengthening of Well-Boring Section for expeditious disposal of cultivators' requests for advice, repair, installation of tube-wells, pumping sets, pump house etc.	25	90	..	..	35	150
AGR-54	Development of Post-Graduate Studies and Research Institutes	55	125	..	70	15	265
AGR-55	Improvement of facilities at the Government Agricultural College, Ludhiana	65	130	5	30	190	420
AGR-56	Development and management of Government Agricultural Farm, Ludhiana	10	10	5	25	70	120
AGR-57	Establishment of new Agricultural College in Haryana Areas	60	56	12	40	80	248
AGR-58	Establishment of Punjab Agricultural University at Ludhiana	190	180	42	183	157	752
AGR-59	Establishment of Junior Staff School for in-service training in farm management in Government Agricultural College, Ludhiana	16	40	..	4	20	80
AGR-60	Establishment of Soil Conservation Wing in Government Agricultural College, Ludhiana	5	35	..	25	20	85
AGR-62	Holding of Short Courses for farmers	..	8	..	..	8	16
AGR-63	Establishment of Vocational Agricultural School	..	16	..	..	16	32
AGR-64	Horticultural Research Stations at Kandaghat, Bahadurgarh and Abohar	50	25	20	30	75	200
AGR-65	Research in hill areas—Establishment of a sub-tropical Fruit Research Station at Nurpur, and Horticultural Research sub-station at Manali and a Dry Fruit Research Station in Lahaul	15	30	..	65	15	125
AGR-66	Research in hill areas—Improvement of ginger and elephant foot at Kandaghat mushroom cultivation at Katrain	5	15	..	5	35	60

\*Centrally Sponsored Schemes.

## SUB-HEAD No. 1.—AGRICULTURAL PRODUCTION—CONTD

## DETAILED STATEMENT—III—CONTD

(EMPLOYMENT POTENTIAL)

Direct employment to be provided in man years

No. of Scheme	Name of Scheme	Administrative and clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including Class IV Employees	Total
			Degree level	Diploma or certificate level			
1	2	3	4	5	6	7	8
AGR-67	Research in hill areas—Improvement of Wheat, Barley, Rice and Pulses crops (Improvement of Buck Wheat) ..	5	25	..	..	40	70
AGR-68	Research in hill areas—Sub-station for grass land and forage ..	5	20	..	..	45	70
AGR-69	Research in hill areas—Research on diseases of Fruit ..	6	3	..	6	9	24
AGR-70	Research in Hill Areas—Improvement of Tea ..	8	8	..	24	24	64
AGR-71	Strengthening of Cereal Section for research on barley and pulses and setting up of rice research station at Kapurthala or Gurdaspur with sub-stations at Kangra and Karnal, Research Sub-station for wheat at Gurdaspur ..	35	100	..	..	165	300
AGR-72	Evolution of Agricultural Implements and hand tools—Strengthening of Engineering Section (Implements) ..	10	16	..	10	30	66
AGR-73	Strengthening of Millet Section for more intensive research work on millet and Gram crops ..	19	46	23	..	77	165
AGR-74	Expansion of sugarcane Research Scheme for Establishing Research Sub-stations at Rohtak, Hissar and Palwal ..	..	3	..	10	10	23
AGR-75	Strengthening of facilities for Bio-chemistry Section for studies on nutrition of ruminants, problems of soil Microbiology and the determination of nutritive value of various varieties of food and other crops ..	8	19	5	20	8	60
AGR-76	Strengthening of the Entomological Section for organising an insect pest survey unit and study of residual effects of pesticides on food crops ..	15	10	10	..	20	55
AGR-77	Strengthening of Chemical Section for research on soil fertility problems ..	9	11	..	9	9	38
AGR-78	Strengthening of fodder section for more intensive research on fodder crops ..	12	15	6	..	42	75

## SUB-HEAD No. 1.—AGRICULTURAL PRODUCTION—CONTD

## DETAILED STATEMENT III—CONTD

(EMPLOYMENT POTENTIAL)

Direct employment to be provided in man years

No. of Scheme	Name of Scheme	Administrative and clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including Class IV Employees	Total
			Degree level	Diploma or certificate level			
1	2	3	4	5	6	7	8
AGR-79	Strengthening of Vegetable Section for setting up research sub-station at Ludhiana, Research on chillies and onions at Karnal, research on storage and preservation of vegetable and establishment of tuber crops and research station at Ludhiana (Sub-station at Nagrota) ..	31	75	..	28	133	267
AGR-80	Strengthening of the Plant Pathological Section for research on diseases of vegetables and fruits and testing breeding material of Botanists ..	10	5	..	10	15	40
AGR-81	Research on Sugar Beet ..	10	60	..	15	105	190
*AGR-82	Improvement of Gram and Bajra in southern districts of the Punjab ..	..	5	5	..	28	38
AGR-83	Co-ordinated scheme for sample fertilizer trials on the cultivator's fields and Model Agronomic experiments at Sirsa and Nasirpur ..	5	150	..	..	5	160
AGR-84	Investigation of the causes of failure of citrus in the Punjab ..	5	5	..	..	15	25
AGR-85	Research on weed control ..	6	3	..	..	6	15
AGR-86	Training of Gram Sewaks at the Gram Sewaks Training Centres, Nabha, Batala and Sirsa ..	..	..	..	..	..	..
AGR-87	Training of Gram Savikas in the Home Economics Department at Nabha, Batala and Kunjpura (Karnal) ..	15	60	..	20	50	145
AGR-89	Agricultural Workshops attached to Gram Sewaks Training Centres at Nabha, Batala and Sirsa ..	..	30	..	..	..	30
AGR-90	Refresher Training to Gram Sewaks ..	5	15	..	..	10	30
*AGR-91	Technological Studies of Punjab Cotton ..	10	25	..	5	25	65
AGR-92	Research on insect pest of cereal crops (Rice and Maize) and oilseeds ..	4	4	..	..	6	14
AGR-95	Strengthening of existing Agricultural Information Unit ..	65	48	..	58	45	216

\*Centrally-Sponsored Schemes.



## SUB-HEAD No. 1—AGRICULTURAL PRODUCTION—CONTD

## DETAILED STATEMENT III—CONCLD

## (EMPLOYMENT POTENTIAL)

Direct employment to be provided in man years

No. of Scheme	Name of Scheme	Administrative and clerical	TECHNICAL				Total	
			Degree level	Diploma or certificate level	Skilled workers not included under columns 4 and 5	Others including Class IV Employees		
1	2	3	4	5	6	7	8	
AGR-96	Strengthening of Marketing Section for additional work load due to revision of Marketing Act and grading of citrus fruit	..	70	..	..	..	60	130
*AGR-98	Ag. Marking of Cotton	..	4	20	16	12	48	100
*AGR-99	Strengthening of Statistical Section for designing of experiments, inspection of crop diagnostic sample, survey studies crop cutting experiments of non-food crops and improvement of Agricultural Statistics	..	19	179	55	..	74	327
AGR-100	Survey of culturable waste lands	..	10	10	..	70	30	120
AGR-102	Reclamation of culturable waste lands	..	25	20	15	60	60	180
Total		..	2,458	3,658	1,292	1,908	4,906	14,222

Notes.—(1) Man year means one person employed for one year.

(2) If a person is likely to continue in employment for five years, 5 man years have been counted.

\*Centrally-Sponsored Schemes.

## SUB-HEAD NO. 1—AGRICULTURAL PRODUCTION—CONTD

## DETAILED STATEMENT IV

(PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)	
1	2	3	4	5	6	
AGR-1	Tube-wells at Seed Farms (Spill over)	Tube-wells	No.	..	22	22
AGR-2	Construction of Seed Stores at Seed Farms	(i) Seed Farms (ii) Seed Stores	No. No.	222 122	.. 100	222 222
AGR-3	Setting up of nucleus seed farms for Gram and Bajra	Seed Farm	No.	..	1	1
AGR-4	Distribution of improved wheat seed	Wheat Seed	(000 mds)	104	750	854
AGR-5	Production and distribution of Hybrid Maize on subsidised basis	Area to be covered	(000 acres)	..	400	400
AGR-6	Production and distribution of improved paddy seed	Paddy Seed	(000 mds)	..	220	220
AGR-7	Distribution of improved seed of Gram and Bajra	Improved Seeds	(000 mds)	..	500	500
AGR-9	Development of Hill Areas—Production and distribution of vegetable and potato seed	(i) Vegetable Seed (ii) Potato Seed	Lbs. Tons	.. ..	780 165	780 165
AGR-10	Supply of pesticides for the control of insect pests and rodents	Acres to be cleared	(000 acres)	4,590	6,240	10,830
AGR-11	Subsidy on manually operated plant protection machines for sale of Panchayats, Better Farming Societies, Model Farm and Farmers	Machines	No.	..	14,000	14,000
AGR-12	Demonstration Vans for Plant Protection	Vans	No.	..	20	20
AGR-13	Green Manuring	Area to be green manured	(000 acres)	350	1,000	1,350
AGR-15	Rural Compost and Dung Manure	Cattle Compost	(000 tons)	6,100	2,800	8,900
AGR-16	Town Compost—Distribution of Manure	Financial assistance to Town Committees	No.	..	93	93

## SUB-HEAD NO. 1--AGRICULTURAL PRODUCTION-- CONTD

## DETAILED STATEMENT IV--CONID

## (PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)	
1	2	3	4	5	6	
AGR-17	Fertilizers for Demonstration on cultivators' fields	Demonstration Plots	(000)	..	80	80
AGR-18	Subsidy on Phosphatic Fertilizers	Superphosphate to be distributed	(00 tons)	14	200	214
AGR-20	Concession in price for the introduction of improved agricultural implements-- Ploughs	Ploughs	.. No.	..	500	500
AGR-21	Concession in price for the introduction of Gas Plants	Gas Plants	.. No.	..	240	240
AGR-22	Loans to cultivators for the purchase of Agricultural Machinery--Power Wheat Thrashers	Power Wheat Thrashers	No.	..	130	130
AGR-23	Cotton Extension, Seed Multiplication and seed distribution	Additional Cotton production	(000 bales)	900	300	1,200
AGR-24	Cane Development, Supply of Improved Seeds Demonstration and Publicity	Additional Gur production	(000 tons)	780	120	900
AGR-25	Construction of Pucca Roads in Sugar Factory Areas	Miles	No.	108	75	183
AGR-26	Oilseed Extension, Plant Protection, Seed Multiplication and Seed Distribution	Additional oilseed production	(000 tons)	185	115	300
AGR-27	Development of Fruit Production	Acres	No.	14,500	6,500	21,000
AGR-29	Development of Hill Areas--Establishment of progeny orchards-cum-nurseries	(i) Nurseries (ii) Plants	Nos. (000 plants)	.. ..	2 30	2 30
AGR-30	Development of Hill Areas--Nursery Production	Nurseries	No.	9	..	9
AGR-33	Training of Gardeners at Patiala	Students	No.	319	200	519

## SUB-HEAD No. 1—AGRICULTURAL PRODUCTION—CONTD

## DETAILED STATEMENT IV—CONTD

## (PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)	
1	2	3	4	5	6	
AGR-34	Development of Hill Areas—Training of Gardeners at Kulu	Students	No.	187	200	387
AGR-35	Development of Vegetable Production	Additional vegetable production	(000 tons)	600	600	1,200
AGR-37	Development of Hill Areas—Development of Tea in Kangra District	Tea production	(000 lbs.)	2,000	500	2,500
AGR-38	Development of Hill Areas—Development of Bee Keeping	Bee Colonies	No.	..	3,750	3,750
*AGR-41	Crop Insurance	.. Blocks to be covered	No.	..	12	12
AGR-45	Demonstration, popularisation, production and sale of improved agricultural implements	Improved implements	(000 implements)	..	80	80
AGR-54	Development of Post Graduate Studies and Research Institutes	Seats in M. Sc. Agr. Course	No.	..	200	200
AGR-59	Establishment of Junior Staff School for in-service training in farm management in Government Agricultural College, Ludhiana	Trainees	No.	..	360	360
AGR-86	Training of Gram Sewaks at the Gram Sewaks Training Centres, Nabha, Batala and Sirsa	Students	No.	1,620	750	2,370
AGR-87	Training of Gram Sevikas in the Home Economics Department at Nabha, Batala and Kunjpura (Karnal)	Students	No.	156	400	556
AGR-88	Training of Village Workers in organising Village Youth Activities at Nabha, Batala and Sirsa	Students	No.	150	750	900

\*Centrally-Sponsored Schemes.

## SUB-HEAD No. 1—AGRICULTURAL PRODUCTION—CONTD

## DETAILED STATEMENT IV—CONCLD

(PHYSICAL TARGETS)

No. of Scheme	Name of Scheme, Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)	
1	2	3	4	5	6	
AGR-89	Agricultural Workshops attached to Gram Sewaks Training Centres at Nabha, Batala and Sirsa	Artisans to be trained	No.	23	160	183
AGR-90	Refresher Training to Gram Sewaks	Students	No.	26	750	776
AGR-100	Survey of Culturable Waste Lands	Area to be surveyed	Acres	61,833	50,000	111,833
AGR-101	Loans to cultivators for reclamation of waste lands through manual and bullock labour	Area to be re-claimed	Acres	906	50,000	50,906
AGR-102	Reclamation of culturable waste lands	Area to be re-claimed	Acres	115,640	30,000	145,640

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## 2. MINOR IRRIGATION

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**SUB-HEAD NO. 2 MINOR IRRIGATION**

**DETAILED STATEMENT I**

(FINANCIAL OUTLAY)

Third Plan Provision (Net) ‡ (1) Total 75,200  
 (2) Capital 69,789  
 (3) Revenue 5,411

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET ‡		Foreign exchange involved in Column 3	Public Contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's share in case of centrally-sponsored scheme	Total of Columns 3+6+9+10
		Total	Capital				Included in the net provision	Not included in the net provision		
1.	2	3	4	5	6	7	8	9	10	11
<b>AGRICULTURE PORTION</b>										
MIN-1	Construction of private Tube-wells ..	25000	25000	..	..	..	..	..	..	25000
MIN-2	Construction of new wells/repair of old percolation wells ..	22201	19426	..	..	..	..	..	..	22201
MIN-3	Installation of pumping sets ..	8813	8813	..	..	..	..	..	..	8813
MIN-4	Construction of Bunds in Gurgaon ..	1150	1150	..	..	..	..	..	..	1150
MIN-5	Repair/construction of Koohls in hill areas	2636	..	..	..	..	..	..	..	2636
MIN-6	Irrigation facilities under package programme ..	5000	5000	..	..	..	..	..	..	5000
	<b>Total (Agriculture portion) ..</b>	<b>64800</b>	<b>59389</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>64800</b>
<b>IRRIGATION PORTION</b>										
MIN-7	Tubewell Project (Spill-over) ..	5400	5400	..	..	..	..	..	..	5400



**SUB-HEAD No. 2—MINOR IRRIGATION—CONTD**

**DETAILED STATEMENT I—CONTD**

(FINANCIAL OUTLAY)

Third Plan provision (net)‡	1. Total	75,200
	2. Capital	69,789
	3. Revenue	5,411

(Thousand Rs)

Number of scheme	Name of Scheme	COST NET‡		Foreign exchange involved in column 3	Public Contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's shares in case of centrally sponsored scheme	Total columns 3+6+9+10
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	4	5	6	7	8	9	10	11	
<b>IRRIGATION PORTION—CONCLCD</b>										
MIN-8	Lift Irrigation by pumps in hill areas ..	1000	1000	..	..	..	..	..	..	1000
MIN-9	Irrigation by tanks and bounds in—									
	(i) Mohindergarh and Gurgaon districts	} 2500	2500	..	..	210	..	..	..	2500
	(ii) Kangra and Ambala districts ..									
MIN-10	Exploratory Tube-wells ..	1500	1500	..	..	..	..	..	..	1500
	Total (Irrigation Portion) ..	10400	10400	..	..	210	..	..	..	10400
	Grand Total (Agriculture and Irrigation portion) ..	75200	69789	..	..	210	..	..	..	75200

‡Includes only the State share in the case of Centrally Sponsored Schemes.

**SUB-HEAD NO. 2—MINOR IRRIGATION—CONTD**  
**DETAILED STATEMENT II**  
**(BREAK-UP OF FINANCIAL OUTLAY)**

(Thousand Rs)

No. of Scheme	Name of Scheme	Financial Provision	BREAK-UP OF THE FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS							Total
			Staff	Material and Building	Land	Equipment and machinery	Loan	Subsidy or Grant-in-aid	Others	
1	2	3	4	5	6	7	8	9	10	11
<b>AGRICULTURE PORTION</b>										
MIN-1	Construction of Private Tubewells	.. 25000	..	..	..	..	25000	..	..	25000
MIN-2	Construction of new wells/repair of old Percolation Wells	.. 22201	..	..	..	..	16651	5550	..	22201
MIN-3	Installation of Pumping Sets	.. 8813	..	..	..	..	8813	..	..	8813
MIN-4	Construction of Bunds in Gurgaon	.. 1150	..	..	..	..	1150	..	..	1150
MIN-5	Repair/Construction of kooahls in hill areas	2636	..	..	..	..	..	2636	..	2636
MIN-6	Irrigation facilities under package programme	.. 5000	..	..	..	..	5000	..	..	5000
	<b>Total (Agriculture Portion)</b>	.. 64800	..	..	..	..	56614	8186	..	64800
<b>IRRIGATION PORTION</b>										
MIN-7	Tubewell Project	.. 5400	580	..	..	..	..	..	4820	5400
MIN-8	Lift Irrigation by pumps in hill areas	.. 1000	..	..	..	20	..	..	800	1000
MIN-9	Irrigation by tanks and bunds in :— (i) Mohinderghar and Gurgaon districts (ii) Kangra and Ambala districts	2500	500	..	7	40	..	..	1890	2500
MIN-10	Exploratory Tube-wells	.. 1500	..	..	..	625	..	..	875	1500
	<b>Total (Irrigation Portion)</b>	.. 10400	1080	..	70	865	..	..	8385	10400
	<b>Grand Total (Agriculture and Irrigation portions)</b>	.. 75200	1080	..	70	865	56614	8186	8385	75200

## SUB-HEAD NO. 2.—MINOR IRRIGATION--(CONTD)

## DETAILED STATEMENT III

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in Man Years.

No. of Scheme	Name of Scheme	Adm. and Clerical	TECHNICAL				Total	
			Degree level	Diploma or certificate level	Skilled workers not included under Columns 4 and 5	Others including Class IV employees		
1	2	3	4	5	6	7	8	
AGRICULTURE PORTION								
MIN-5	Repair/Construction of Koohls in hill areas	..	5	40	..	40	85	
	Total (Agriculture Portion) ..	..	5	40	..	40	85	
IRRIGATION PORTION								
MIN-7	Tubewell Project	..	80	6	74	300	400	860
MIN-8	Lift Irrigation by pumps in hill areas	..	15	..	15	85	250	365
MIN-9	Irrigation by tanks and bunds in :—							
	(i) Mohindergarh and Gurgaon districts	}	35	5	65	381	1250	1736
	(ii) Kangra and Ambala districts							
	Total (Irrigation Portion) ..	130	11	154	766	1900	2961	
	Grand Total (Agriculture and Irrigation portion) ..	130	16	194	766	1940	3046	

Notes.—(1) Man year means one person employed for one year.

(2) If a person is likely to continue in employment for five years, 5 man years have been counted.

## SUB-HEAD No. 2.—MINOR IRRIGATION(CONTD)

## DETAILED STATEMENT IV

(PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of 2nd Plan (on 31st March, 1961)	Additional targets planned to be achieved during the III Plan (April 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)
1	2	3	4	5	6
AGRICULTURE PORTION					
MIN-1	Construction of private tubewells ..	Tube-wells	2770	4884	7654
MIN-2	Construction of new wells/repair of old percolation wells ..	Wells ..	25240	11180	36420
MIN-3	Installation of pumping sets ..	Pumping Sets	2563	4900	7463
MIN-5	Repair/construction of Koohls in hill areas	Koohls ..	425	920	1345
MIN-6	Irrigation facilities under package programme	(000) Acres	..	50	50
IRRIGATION PORTION					
MIN-7	Tubewell Project ..	(000) Acres	426	171	531
MIN-8	Lift irrigation by pumps in hill areas ..	(000) Acres	..	5	5
MIN-9	Irrigation by tanks and bunds in :—				
	(i) Mohindergarh and Gurgaon dis-	} (000) Acres	..	15	15
	districts				
	(ii) Kangra and Ambala districts				
MIN-10	Exploratory Tube-wells ..	(000) Acres	..	12	12



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### **3 CONSOLIDATION OF HOLDINGS**

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## SUB-HEAD No. 3—CONSOLIDATION OF HOLDINGS

## DETAILED STATEMENT I

(FINANCIAL OUTLAY)

Third Plan Provision (Net)†	{	1. Total .. 16500
		2. Capital .. .. .
		3. Revenue .. 16500

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET†		Foreign exchange involved in Col. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally sponsored Schemes	(Total Coys. 3+6+9+10)
		Total Capital					Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
CON-1	Consolidation of Holdings	16500	..	..	..	308*	..	..	..	16500

\*The gross expenditure on the Consolidation of Holdings during the third Plan will be Rs 473 lakhs. The receipts from consolidation fee are estimated at Rs 308.00 lakhs. The balance amount of Rs 16500 lakhs has been shown as net Third Plan Provision.

†Includes only the State share in case of Centrally-sponsored schemes.





## SUB-HEAD NO. 3—CONSOLIDATION OF HOLDINGS

## DETAILED STATEMENT III

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in Man Years :

No. of Scheme	Name of the Scheme	Adminis- tration and clerical	TECHNICAL				Total
			Degree level	Diploma or Certi- ficate level	Skilled workers not inclu- ded under Columns 4 and 5	Others including Class IV employees	
1	2	3	4	5	6	7	8
Con. 1	Consolidation of Holdings	27028	..	..	90	9223	36341

Notes :—(1) Man Years means one person employed for one year.

(2) If a person is likely to continue in employment for five years, 5 man years have been counted.

## SUB-HEAD NO. 3—CONSOLIDATION OF HOLDINGS

## DETAILED STATEMENT IV

(PHYSICAL TARGETS)

No. of Scheme	Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)
1	2	3	4	5	6
Con. 1	Repartitioning of area	Lakh acres	147.28	72.22	219.50

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## **4. ANIMAL HUSBANDRY**

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**SUB-HEAD No. 4.—ANIMAL HUSBANDRY**

**DETAILED STATEMENT I**

(FINANCIAL OUTLAY)

Third Plan Provision (Net)†

1. Total —26,800
2. Capital —5,510
3. Revenue —21,290

(Thousand Rupees)

No. of Scheme	Name of Scheme	COST NET†		Foreign exchange involved in column 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's Share in case of Centrally Sponsored Schemes	Total Column (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
	<i>Spill over</i>									
AH-1	Completion of Veterinary College building at Hissar	657	657	..	..	..	..	..	..	657
AH-2	Preservation of high milk yielding buffaloes and cows by grant of subsidies	800	..	..	..	..	..	..	..	800
AH-3	Mass castration of scrub bulls	448	..	..	..	..	..	..	..	448
AH-4	Expansion of 25 selected gaushalas	459	..	..	..	..	..	..	..	459
AH-5	All-India Key Village Scheme for the improvement of cattle	4,280	..	..	..	..	..	..	..	4,280
*AH-6	Development of hill cattle	50	50	..	..	..	..	..	1,950	2,000
AH-7	Distribution of bulls of improved breeds	480	..	..	..	..	..	..	..	480
AH-8	Strengthening of State Farms Re-organisation of Bhupindra Dairy Farm, Patiala and its sub-station at Nabha	500	100	..	..	..	..	..	..	500

\*Centrally Sponsored Scheme.

†Includes only the State share in the case of centrally sponsored schemes.

SUB-HEAD No. 4—ANIMAL HUSBANDRY—(CONTD)

DETAILED STATEMENT I—(CONTD)

(FINANCIAL OUTLAY)

Third Plan Provision (Net)\*

(Thousand Rupees)

No. of Scheme	Name of Scheme	COST NET†		Foreign exchange involved in column 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's share in case of centrally sponsored schemes	Total Columns (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
*AH-9	Re-organisation of Government Livestock Farm, Hissar ..	5,000	1,700	300	..	..	..	..	5,000	10,000
AH-10	Establishment of Nili Bull Rearing Farm ..	700	410	..	..	..	..	..	..	700
AH-11	Holding of State and District shows and organising milk yield competitions ..	400	..	..	..	65	..	..	..	400
AH-12	Control of menace of wild and stray cattle ..	1,312	40	..	..	20	..	..	..	1312
AH-13	Establishment of more gosadans ..	400	100	..	..	4	..	..	..	400
AH-14	Prevention of cruelty to animals ..	150	..	..	..	..	..	..	..	150
AH-15	Improvement of existing meat markets ..	180	..	..	..	..	..	..	..	180
AH-16	Establishment of piggery units and development blocks ..	357	80	..	..	13	..	..	..	357
AH-17	Establishment of pig breeding-cum-bacon factory ..	581	250	..	..	20	..	..	..	581
AH-18	Production of various vaccines at the B. P. Section, Hissar ..	500	260	60	..	44	..	..	..	500

AH-19	Opening of 65 new P.O.L.D's under the charge of trained veterinary compounders	942	..	..	..	..	..	..	942
AH-20	Conversion of 50 P.O.L.D's into regular veterinary hospitals	472	..	..	..	..	..	..	472
AH-21	Supply of medicines and instruments to the existing veterinary hospitals and dispensaries	500	..	..	..	..	..	..	500
AH-22	Construction of buildings for the veterinary hospital at Manali, district Kangra	83	83	..	..	..	..	..	83
AH-23	Construction of 40 veterinary hospital buildings	400	..	..	400	..	..	..	800
AH-24	Eradication of rinderpest	931	..	..	..	..	..	..	931
AH-25	Opening of four new poultry extension centres	246	134	..	..	10	..	..	246
AH-26	Expansion of existing poultry extension centres into district farms	346	150	..	..	10	..	..	346
AH-27	Collection and marketing of eggs	348	..	..	..	..	..	..	348
AH-28	Manufacture and distribution of poultry feed	124	..	..	..	..	..	..	124
AH-29	Establishment of four intensive poultry development blocks	191	40	..	..	..	..	..	191
AH-30	Training of farmers in poultry husbandry—grant of stipends	60	..	..	..	..	..	..	60
AH-31	Grant of subsidy to poultry farmers for the purchase of brooders	70	..	..	..	..	..	..	70
AH-32	Grant of subsidy to breeders for the purchase of poultry houses	30	..	..	..	..	..	..	30
AH-33	Grant of subsidy to breeders for the purchase of poultry cages	5	..	..	..	..	..	..	5
AH-34	Grant of subsidy to breeders for the purchase of incubators	35	..	..	..	..	..	..	35
AH-35	Supply of day old chicks at subsidised rates	60	..	..	..	..	..	..	60
AH-36	Provision of additional staff for the office of the Poultry Development Officer, Punjab	74	..	..	..	..	..	..	74

\*Centrally Sponsored Schemes.

†Includes only the State Share in the case of centrally sponsored schemes.



**SUB-HEAD No. 4.—ANIMAL HUSBANDRY—(CONTD)**

**DETAILED STATEMENT I—(CONTD)**

(FINANCIAL OUTLAY)

(Thousand Rupees)

No. of Scheme	Name of Scheme	COST NET†			Foreign exchange involved in column 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally sponsored schemes	Total Columns (3+6+9+10)
		Total	Capital					Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11	
AH-37	Development of poultry in Dharkalan Block of Gurdaspur District ..	64	20	..	..	..	..	..	..	64	
AH-38	Starting of a poultry training centre at Gurdaspur ..	36	..	..	..	..	..	..	..	36	
AH-39	Expansion of existing State poultry farms..	472	200	..	..	..	..	..	..	472	
AH-40	Establishment of a duck extension centre..	100	45	..	..	8	..	..	..	100	
AH-41	Establishment of sheep research sub-station at Kulu ..	60	60	..	..	..	..	..	..	60	
AH-42	Establishment of sheep breeding farm at Kulu ..	341	153	40	..	10	..	..	..	341	
AH-43	Expansion of 24 existing sheep and wool extension centres and establishment of 16 new extension centres ..	1316	680	30	..	30	..	..	..	1,316	
AH-44	Expansion of existing Sheep Breeding-cum-Experimental Station at Hissar ..	505	200	50	..	25	..	..	..	505	
AH-45	Control of warble infestation in cattle ..	34	..	..	..	..	..	34	..	68	

AH-46	Investigation of toxic plants and herbs-Lethel to domestic animals ..	50	..	..	..	..	..	50	..	100
AH-47	Investigation of salmonella infections ..	37	..	..	..	..	..	37	..	74
AH-48	Study of morphological biochemical and haematological aspects of blood in farm animals ..	102	18	..	..	..	..	89	..	191
AH-49	Eradication of bovine T.B. in cattle ..	34	..	..	..	..	..	34	..	68
AH-50	Establishment of gosamvardhana exhibition units ..	50	..	..	..	..	..	50	..	100
AH-51	Lumpsum provision for the I.C.A.R. Schemes ..	93	..	..	..	..	..	93	..	186
AH-52	Increase in the efficiency of Veterinary College, Hissar ..	80	..	..	..	..	..	..	..	80
AH-53	Establishment of Extension Wing at the Punjab College, of Veterinary Science and Animal Husbandry Hissar ..	234	..	..	..	..	..	..	..	234
AH-54	Construction of residential quarters for the teaching staff at the Veterinary College, Hissar ..	80	80	..	..	..	..	..	..	80
AH-55	Expansion of staff at the headquarters and sub-offices for the implementation of Third Plan Schemes ..	300	..	..	..	..	..	..	..	300
AH-56	Appointment of Animal Husbandry Extension and Publicity Officers ..	200	..	..	..	..	..	..	..	200
AH-57	Appointment of Deputy Director, Animal Husbandry (Hill Areas) and his staff for the implementation of Hill Area Plan ..	113	..	..	..	..	..	..	..	113
AH-58	Creation of a statistical cell at the headquarters office of the D.A.H., Punjab and study of Animal Husbandry practices ..	58	..	..	..	..	..	..	..	58
AH-59	Implementation of the recommendations of Nalagarh Committee ..	270	..	..	..	..	..	..	..	270
Total ..		26,800	5,510	480	400	229	..	387	6,950	34,537

†Includes only the state share in the case of centrally-sponsored schemes.

**SUB-HEAD NO. 4—ANIMAL HUSBANDRY—(CONTD)**

**DETAILED STATEMENT II**

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rs)

BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS

No. of scheme	Name of scheme	Financial Provision	Financial Provision							Total
			Staff	Material and Buildings	Land	Equipment and Machinery	Loan	Subsidy or Grant-in-aid	Others	
1	2	3	4	5	6	7	8	9	10	11
AH-1	Completion of Veterinary College buildings, at Hissar Spill over ..	657	..	657	..	..	..	..	..	657
AH-2	Preservation of high milk yielding buffaloes and cows by grant of subsidies ..	800	..	..	..	..	..	800	..	800
AH-3	Mass castration of scrub bulls ..	448	276	..	..	45	..	..	127	448
AH-4	Expansion of 25 selected gaushalas ..	459	..	..	..	..	..	459	..	459
AH-5	All-India Key Village scheme for the improvement of cattle ..	4280	984	..	..	230	..	572	2494	4280
*AH-6	Development of hill cattle ..	50	..	..	50	..	..	..	..	50
AH-7	Distribution of bulls of improved breeds ..	480	..	..	..	..	..	..	480	480
AH-8	Strengthening of State Farms—Reorganisation of Bhupindra Dairy Farm, Patiala and its substation at Nabha ..	500	51	100	..	53	..	..	296	500
*AH-9	Reorganisation of Government Livestock Farm, Hissar ..	5000	1000	1700	..	800	..	..	1500	5000

AH-10	Establishment of Nili Bull-rearing Farm ..	700	75	335	75	36	..	..	179	700
AH-11	Holding of State and District shows and Organising milk yield competitions in the Punjab ..	400	55	..	..	..	..	..	345	400
AH-12	Control of menace of wild and stray cattle	1312	337	40	10	333	..	50	542	1312
AH-13	Establishment of more gosadans ..	400	38	64	36	99	..	108	55	400
AH-14	Prevention of cruelty to animals ..	150	..	..	..	..	..	100	50	150
AH-15	Improvement of existing meat markets ..	180	..	..	..	..	..	180	..	180
AH-16	Establishment of piggery units and development blocks ..	357	35	80	..	..	..	54	188	357
AH-17	Establishment of pig breeding-cum-bacon factory ..	581	41	200	50	70	..	10	210	581
AH-18	Production of various vaccines at the B.P. Section, Hissar ..	500	85	260	..	84	..	..	71	500
AH-19	Opening of 65 new P.O.L.D's under the charge of trained veterinary compounders	942	359	..	..	33	..	..	550	942
AH-20	Conversion of 50 P.O.L.D's into regular veterinary hospitals ..	472	472	..	..	..	..	..	..	472
AH-21	Supply of medicines and instruments to the existing veterinary hospitals and dispensaries ..	500	..	..	..	500	..	..	..	500
AH-22	Construction of buildings for the veterinary hospital at Manali, district Kangra ..	83	..	83	..	..	..	..	..	83
AH-23	Construction of 40 veterinary hospital buildings ..	400	..	..	..	..	..	400	..	400
AH-24	Eradication of rinderpest ..	931	646	..	..	17	..	..	268	931
AH-25	Opening of four new poultry extension centres ..	246	32	134	..	29	..	3	57	246
AH-26	Expansion of existing poultry extension centre into district farms ..	346	52	150	..	24	..	..	120	346
AH-27	Collection and marketing of eggs ..	348	120	..	..	37	..	..	191	348
AH-28	Manufacture and distribution of poultry feed ..	124	25	..	..	25	..	..	74	124

\*Centrally Sponsored Schemes.

**SUB-HEAD No. 4—ANIMAL HUSBANDRY—CONTD**

**DETAILED STATEMENT II—CONTD**

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rs)

DISTRIBUTION OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS

No. of scheme	Name of scheme	Financial provision	Financial provision							Total
			Staff	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or Grant-in-aid	Others	
1	2	3	4	5	6	7	8	9	10	11
AH-29	Establishment of four intensive poultry development blocks	191	106	40	..	40	..	..	5	191
AH-30	Training of farmers in poultry husbandry—Grant of stipends	60	..	..	..	..	..	60	..	60
AH-31	Grant of subsidy to poultry farmers for the purchase of brooders	70	..	..	..	..	..	70	..	70
AH-32	Grant of subsidy to breeders for the purchase of poultry houses	30	..	..	..	..	..	30	..	30
AH-33	Grant of subsidy to breeders for the purchase of poultry cages	5	..	..	..	..	..	5	..	5
AH-34	Grant of subsidy to breeders for the purchase of incubators	35	..	..	..	..	..	35	..	35
AH-35	Supply of day old chicks at subsidized rates	60	..	..	..	..	..	60	..	60
AH-36	Provision of additional staff for the office of Poultry Development Officer, Punjab	74	65	..	..	..	..	..	9	74
AH-37	Development of poultry in Dharkalan block of Gurdaspur District	64	12	20	..	6	..	..	26	64
AH-38	Starting of a poultry training centre at Gurdaspur	36	24	..	..	..	..	..	12	36

AH-39	Expansion of existing State poultry farms	472	17	200	..	40	..	..	215	472
AH-40	Establishment of a duck extension centre	100	14	45	..	5	..	..	36	100
AH-41	Establishment of sheep research substation at Kulu	60	..	..	60	..	..	..	..	60
AH-42	Establishment of a sheep breeding farm at Kulu	341	42	93	60	26	..	..	120	341
AH-43	Expansion of 24 existing sheep and wool extension centres and establishment of 16 new extension centres	1316	153	680	..	114	..	..	369	1316
AH-44	Expansion of existing sheep breeding-cum-experimental station at Hissar	505	53	200	..	33	..	..	219	505
AH-45	Control of warble infestation in cattle	34	29	..	..	..	..	..	5	34
AH-46	Investigation of toxic plants and herbs—Lethal to domestic animals	50	33	..	..	5	..	..	12	50
AH-47	Investigation of salmonella infections	37	31	..	..	..	..	..	6	37
AH-48	Study of morphological, biochemical and haematological aspects of blood in farm animals	102	78	18	..	..	..	..	6	102
AH-49	Eradication of bovine T.B. in cattle	34	24	..	..	..	..	..	10	34
AH-50	Establishment of gosamvardhana exhibition unit	50	23	..	..	18	..	..	9	50
AH-51	Lump sum provision for the I.C.A.R. schemes	93	42	..	..	26	..	..	25	93
AH-52	Increase in the efficiency of Veterinary College, Hissar	80	9	..	..	..	40	..	31	80
AH-53	Establishment of extension wing at the Punjab College of Veterinary Science and Animal Husbandry, Hissar	234	75	..	..	82	..	..	77	234
AH-54	Construction of residential quarters for the teaching staff at the Veterinary College, Hissar	80	..	80	..	..	..	..	..	80
AH-55	Expansion of staff at the headquarters and sub-offices for the implementation of III Plan schemes	300	295	..	..	..	..	..	5	300

**SUB-HEAD No. 4—ANIMAL HUSBANDRY—CONTD**

**DETAILED STATEMENT II—CONTD**

( BREAK-UP OF FINANCIAL OUTLAY)

(Thousand R₹)

DISTRIBUTION OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTES

No. of Scheme	Name of Scheme	Financial provision	DISTRIBUTION OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTES								Total
			Staff	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or grant in-aid	Others		
1	2	3	4	5	6	7	8	9	10	11	
AH-56	Appointment of Animal Husbandry Extension and Publicity Officers ..	200	157	..	..	..	..	..	43	200	
AH-57	Appointment of Deputy Director, Animal Husbandry (Hill Areas) and his staff for the implementation of hill area plan ..	113	100	..	..	2	..	..	11	113	
AH-58	Creation of Statistical Cell at the headquarters Office of the Director, Animal Husbandry, Punjab, and study of A.H. practices ..	58	47	..	..	3	..	..	8	58	
AH-59	Implementation of the recommendations of Nalagarh Committee ..	270	270	..	..	..	..	..	..	270	
	Total ..	26800	6382	5179	341	2846	..	2996	9056	26800	

## SUB-HEAD No. 4—ANIMAL HUSBANDRY—CONTD

## DETAILED STATEMENT III

(EMPLOYMENT POTENTIAL)

Direct employment to be provided in man years

No. of scheme	Name of scheme	Administrative and clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including class IV employees	Total
			Degree level	Diploma or Certificate level			
1	2	3	4	5	6	7	8
AH-3	Mass castration of scrub bulls ..	22	9	108	9	13	161
AH-5	All India Key Village Scheme for the improvement of cattle ..	118	26	232	26	174	576
AH-8	Strengthening of State Farms—Reorganisation of Bhupindra Dairy Farm, Patiala, and its substation at Nabha ..	10	..	10	..	100	120
*AH-9	Reorganisation of Government Livestock Farm, Hissar ..	311	161	179	100	299	1050
AH-10	Establishment of Nili Bull-rearing Farm ..	..	4	7	7	61	79
AH-11	Holding of State and District shows and organising milk yield competitions ..	15	..	..	..	5	20
AH-12	Control of menace of wild and stray cattle ..	15	..	48	33	183	279
AH-13	Establishment of more gosadans ..	..	5	5	5	25	40
AH-16	Establishment of piggery unit and development blocks ..	..	6	..	..	24	30
AH-17	Establishment of pig breeding-cum-bacon factory ..	14	2	..	2	28	46
AH-18	Production of various vaccines at the B.P. Section, Hissar ..	19	9	..	8	14	50
AH-19	Opening of 65 new P.O.L.D's under the charge of trained veterinary compounders ..	..	..	225	..	450	675
AH-20	Conversion of 50 P.O.L.D's into regular veterinary hospitals ..	..	150	150	..	..	300
AH-24	Eradication of rinderpest ..	..	2	20	..	..	22
AH-25	Opening of four new poultry extension centres ..	..	..	10	..	20	30
AH-26	Expansion of existing poultry extension centres into district farms ..	..	10	..	..	20	30
AH-27	Collection and marketing of eggs ..	20	5	10	5	25	65

\*Centrally sponsored scheme.



## SUB-HEAD No. 4—ANIMAL HUSBANDRY— CONTD

## DETAILED STATEMENT III—CONTD

(EMPLOYMENT POTENTIAL)

Direct employment to be provided in man years

No. of scheme	Name of scheme	Administrative and clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including Class V employees	Total
			Degree level	Diploma or Certificate level			
1	2	3	4	5	6	7	8
AH-28	Manufacture and distribution of poultry feed ..	5	..	..	9	14	28
AH-29	Establishment of intensive poultry development blocks ..	..	20	20	..	40	80
AH-36	Provision of additional staff for the office of Poultry Development Officer, Punjab ..	25	..	..	..	5	30
AH-37	Development of poultry in Dharkalan block of Gurdaspur District ..	..	..	5	..	5	10
AH-38	Starting of a poultry training centre at Gurdaspur ..	4	..	..	..	4	8
AH-39	Expansion of existing State poultry farms ..	5	..	..	..	15	20
AH-40	Establishment of a duck extension centre ..	..	..	4	..	8	12
AH-42	Establishment of a sheep breeding farm at Kulu ..	..	8	4	4	28	44
AH-43	Expansion of 24 existing sheep and wool extension centres and establishment of 16 new extension centres ..	8	8	56	9	120	201
AH-44	Expansion of existing sheep breeding-cum-experimental station at Hissar ..	6	3	8	6	19	42
AH-45	Control of warble infestation in cattle ..	5	5	..	..	5	15
AH-46	Investigation of toxic plants and herbs—Lethal to domestic animals ..	10	10	..	..	20	40
AH-47	Investigation of salmonella infections ..	8	4	..	8	4	24
AH-48	Study of morphological, biochemical and haematological aspects of blood in farm animals ..	20	12	..	8	12	52
AH-49	Eradication of bovine T.B. in cattle ..	4	4	..	4	4	16
AH-50	Establishment of gosamvardhana exhibition units ..	6	..	5	4	10	25
AH-51	Lump sum provision for the I.C.A.R. schemes ..	12	6	..	6	9	33
AH-52	Increase in the efficiency of Veterinary College, Hissar ..	5	..	..	..	..	5

## SUB-HEAD No. 4—ANIMAL HUSBANDRY—CONTD

## DETAILED STATEMENT III—CONTD

(EMPLOYMENT POTENTIAL)

Direct employment to be provided in man years

No. of scheme	Name of scheme	Administrative and clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including Class IV employe	Total	
			Degree level	Diploma or Certificate level				
1	2	3	4	5	6	7	8	
AH-53	Establishment of extension wing at the Punjab College of Veterinary Science and Animal Husbandry, Hissar	12	8	..	4	..	24	
AH-55	Expansion of staff at the headquarters and sub-offices for the implementation of III Plan schemes	..	107	..	..	..	107	
AH-56	Appointment of Animal Husbandry Extension and Publicity Officers	..	30	15	..	15	60	
AH-57	Appointment of Deputy Director, Animal Husbandry (Hill Areas) and his staff for the implementation of hill area plan	40	..	..	..	10	50	
AH-58	Creation of a Statistical Cell at the headquarters office of the Director, Animal Husbandry, Punjab, and study of A.H. practices	..	15	..	..	5	20	
	Total	..	879	484	1106	257	1793	4519

NOTE.—(1) Man year means one person employed for one year.

(2) If a person is likely to continue in employment for five years, 5 man years have been counted.

## SUB-HEAD No. 4—ANIMAL HUSBANDRY—CONT'D

## DETAILED STATEMENT IV

(PHYSICAL TARGETS)

No. of scheme	Name of Scheme/Item	Unit	Position at the end of the II Plan (on 31-3-61)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31-3-66)
1	2	3	4	5	6
AH-1	Construction of Veterinary College building at Hissar (Spill over)	No.	4	Completion of targets	4
AH-2	Preservation of high milk yielding buffaloes and cows by grant of subsidies—				
	(1) Buffaloes	.. No.	254	1146	1400
	(2) Cows	.. No.	100	1460	1560
AH-3	Mass castration of scrub bulls	.. No. (000)	..	230	230
AH-4	Expansion of selected gaushalas	.. No.	17	25	42
AH-5	All India Key Village Scheme for the improvement of cattle—				
	(i) A.I. and Urban Centres	.. No.	18	9	27
	(ii) Intensification of existing A.I. Centres	.. No.	..	2	2
	(iii) Expansion of existing A.I. Centres	.. No.	8	7	15
AH-7	Distribution of bulls of improved breeds	.. No.	221	250	471
AH-8	Strengthening of State Farms—Reorganisation of Bhupindra Dairy Farm, Patiala, and its substation at Nabha	No.	..	1	1
*AH-9	Reorganisation of Government Livestock Farm, Hissar—Production of improved bulls	No. (bulls)	..	3000	3000
AH-10	Establishment of Nili Bull-rearing Farm	.. No.	..	1	1
AH-11	Holding of State and District shows and organising milk yield competitions—				
	(i) State shows	.. No.	4	5	9
	(ii) District shows	.. No.	..	70	70
AH-12	Control of menace of wild and stray cattle	.. No.	4214	20000	24214
AH-13	Establishment of gosadans—				
	(i) Government	.. No.	1	2	3
	(ii) Private	.. No.	1	2	3

\*Centrally sponsored scheme.

## SUB-HEAD No. 4—ANIMAL HUSBANDRY—CONTD

## DETAILED STATEMENT IV—CONTD

## (PHYSICAL TARGETS)

No. of scheme	Name of Scheme/Item	Unit	Position at the end of the II Plan (on 31-3-61)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31-3-66)
1	2	3	4	5	6
AH-14	Prevention of cruelty to animals—Subsidy to organisations	.. No.	..	12	12
AH-15	Improvement of existing meat markets	.. No.	..	3	3
AH-16	Establishment of piggery units and development blocks—				
	(a) Piggery Breeding Units	.. No.	1	2	3
	(b) Piggery Development Blocks	.. No.	..	15	15
AH-17	Establishment of a pig breeding-cum-bacon factory	No.	..	1	1
AH-18	Production of various vaccines at the B.P. Section, Hissar—				
	(i) Doses	.. Lakhs	188.00	39.20	227.20
	(ii) C.C.	.. Lakhs	49.00	..	49.00
AH-19	Opening of 65 new P.O.L.D's under the charge of trained veterinary compounders	No.	56	65	121
AH-20	Conversion of 50 P.O.L.D's into regular veterinary hospitals	No.	41	50	91
AH-21	Supply of medicines and instruments to the existing veterinary hospitals and dispensaries				
	(1) Hospitals	.. No.	..	26	26
	(2) Dispensaries	.. No.	..	103	103
AH-22	Construction of building for the veterinary hospital at Manali, district Kangra	No.	..	1	1
AH-23	Construction of 40 veterinary hospital buildings	No.	50	40	90
AH-24	Eradication of rinderpest—Vaccination of animals	.. (Lakhs)	74	40	114
AH-25	Opening of four new poultry extension centres	No.	16	4	20
AH-26	Expansion of existing poultry extension centres into District Farms	No.	..	4	4

## SUB-HEAD No. 4—ANIMAL HUSBANDRY—CONTD

## DETAILED STATEMENT IV—CONTD

(PHYSICAL TARGETS)

Number of scheme	Name of Scheme/Item	Unit	Position at the end of the II Plan (on 31-3-61)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31-3-66)
1	2	3	4	5	6
AH-27	Collection and marketing of eggs—				
	(i) Eggs	.. No. (000)	..	7200	7200
	(ii) Birds	.. No. (000)	..	140	140
AH-28	Manufacture and distribution of poultry feed	.. No. (000)	..	50	50
AH-29	Establishment of intensive poultry development blocks	No.	..	4	4
AH-30	Training of farmers in poultry husbandry	.. No.	..	1200	1200
AH-31	Grant of subsidy to poultry farms for the purpose of brooders	No.	..	1400	1400
AH-32	Grant of subsidy to breeders for the purchase of poultry houses	No.	..	600	600
AH-33	Grant of subsidy to breeders for the purchase of poultry cages	No.	..	300	300
AH-34	Grant of subsidy to breeders for the purchase of incubators	No.	..	70	70
AH-35	Supply of day old chicks at subsidized rate	.. No. (000)	..	80	80
AH-38	Starting of a poultry training centre at Gurdaspur	No.	..	1	1
AH-39	Expansion of existing State poultry farms	.. No.	..	4	4
AH-40	Establishment of a duck extension centre	.. No.	..	1	1
AH-42	Establishment of sheep breeding farm at Kulu	.. No.	..	1	1
AH-43	Expansion of 24 existing sheep and wool extension centres and establishment of 16 new extension centres—				
	(a) expansion of existing sheep centres	.. No.	..	24	24
	(b) sheep extension centres (New)	.. No.	32	16	48
AH-44	Expansion of existing sheep breeding-cum-experimental station at Hissar	No.	..	1	1

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## **5. DAIRYING AND MILK SUPPLY**

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**SUB-HEAD No. 5—DAIRYING AND MILK-SUPPLY**

**DETAILED STATEMENT I**

(FINANCIAL OUTLAY)

Third Plan Provision (net)‡	{ 1. Total	.. 18000
	{ 2. Capital	.. 15200
	{ 3. Revenue	.. 2800

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET‡		Foreign Exchange involved in column 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally sponsored schemes	Total Column 3+6+9+10
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
DMS-1	Establishment of milk supply union at Chandigarh (Spill over)	150	150	..	..	..	..	..	..	150
DMS-2	Establishment of a composite milk plant at Amritsar (Spill over)	1100	1100	..	..	..	..	..	..	1100
DMS-3	Construction of modern dairy buildings along-with a complete set of pasteurisation plant at Government Livestock Farm, Hissar (Spillover)	250	250	..	..	..	..	..	..	250
DMS-4	Strengthening of existing dairies—Construction of sheds for milch animals at G.L.F. Hissar (Spillover)	200	200	..	..	..	..	..	..	200
DMS-5	Expansion of existing dairy schemes—Provision of additional funds	1800	1800	300	..	..	..	..	..	1800
DMS-6	Establishment of 4 New milk supply schemes	7000	7000	2000	..	..	..	..	..	7000
DMS-7	Establishment of two rural creameries	2000	2000	500	..	..	..	+	..	2000

‡Includes only the State share in the case of Centrally-sponsored Schemes.



**SUB-HEAD No. 5—DAIRYING AND MILK SUPPLY—CONTD**

**DETAILED STATEMENT I—CONTD**

(FINANCIAL OUTLAY)

(Thousands Rs)

No. of Scheme	Name of Scheme	COST NET‡		Foreign Exchange involved in column 3	public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally-sponsored schemes	Total Column 3+6+9+10
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
DMS-8	Setting up of a milk products factory ..	200	200	..	..	..	..	..	..	200
DMS-9	Training of personnel for dairy projects ..	200	..	..	..	..	..	..	..	200
DMS-10	Expansion and strengthening of dairy section—Appointment of additional staff for Dairy Development work ..	700	..	..	..	..	..	..	..	700
DMS-11	Extension Units for increased milk production ..	1800	..	..	..	..	..	..	..	1800
DMS-12	Removal of milch animals from urban areas	500	500	..	..	..	..	..	..	500
DMS-13	Lumpsum provision for grant of loans to private breeders for purchase of milch animals ..	2000	2000	..	..	..	..	..	..	2000
DMS-14	Survey Statistics and Research—Staff Requirements ..	100	..	..	..	..	..	..	..	100
	<b>Total</b>	<b>18000</b>	<b>15200</b>	<b>2800</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>18000</b>

74

‡Includes only the State share in the case of Centrally-sponsored Schemes.

**SUB-HEAD No. 5—DAIRYING AND MILK SUPPLY—CONTD**  
**DETAILED STATEMENT II**  
**(BREAK-UP OF FINANCIAL OUTLAY)**

(Thousand Rs)

BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENT										
No. of Scheme	Name of scheme	Financial provision	Staff	Material and building	Land	Equipment and machinery	Loan	Subsidy or grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
DMS-1	Establishment of milk supply union at Chandigarh (Spillover) ..	150	..	50	..	100	..	..	..	150
DMS-2	Establishment of a composite milk plant, Amritsar (Spillover) ..	1100	..	400	..	700	..	..	..	1100
DMS-3	Construction of modern dairy buildings along with a complete set of pasturisation plant at G.L.F. Hissar (Spillover) ..	250	..	15	..	235	..	..	..	250
DMS-4	Strengthening of existing dairies—Construction of sheds at G.L.F. Hissar (Spillover)	200	..	200	..	..	..	..	..	200
DMS-5	Expansion of existing dairy schemes—Provision of additional funds ..	1800	..	550	..	1250	..	..	..	1800
DMS-6	Establishment of 4 new milk supply schemes	7000	..	2712	300	3988	..	..	..	7000
DMS-7	Establishment of two rural creameries ..	2000	..	760	200	1040	..	..	..	2000
DMS-8	Setting up of a milk products factory ..	200	..	150	50	..	..	..	..	200
DMS-9	Training of personnel for dairy projects ..	200	..	..	..	..	..	..	..	200
DMS-10	Expansion and strengthening of dairy section—Appointment of additional staff for dairy development work ..	700	700	..	..	..	..	..	..	700
DMS-11	Extension Units for increased milk production ..	1800	1800	..	..	..	..	..	..	1800
DMS-12	Removal of milch animals from urban areas	500	..	..	..	..	..	..	..	500
DMS-13	Lump sum provision for grant of loans to private breeders for purchase of milch animals ..	2000	..	..	..	..	2000	..	..	2000
DMS-14	Survey Statistics and Research Staff Requirements ..	100	100	..	..	..	..	..	..	100
	<b>Total</b> ..	<b>18000</b>	<b>2600</b>	<b>4837</b>	<b>550</b>	<b>7313</b>	<b>2000</b>	<b>..</b>	<b>..</b>	<b>18000</b>

## SUB-HEAD No. 5—DAIRYING AND MILK SUPPLY— CONTD

## DETAILED STATEMENT III (EMPLOYMENT POTENTIAL)

## DIRECT EMPLOYMENT TO BE PROVIDED IN MAN YEARS

No. of scheme	Name of scheme	Adminis- trative and clerical	TECHNICAL				Total	
			Degree level	Diploma or certificate level	Skilled workers not included under columns 4 and 5	Others including Class IV employees		
1	2	3	4	5	6	7	8	
DMS-10	Expansion and strengthening of Dairy Section—Appointment of additional staff for Dairy Development work	..	40	16	..	8	16	80
DMS-11	Extension Units for increased milk production	..	42	42	336	210	42	672
	Total	..	82	58	336	218	58	752

Note.—(1) Man year means, one person employed for one year.

(2) If a person is likely to continue in employment for five years, five man years have been counted.

## SUB-HEAD No. 5—DAIRYING AND MILK SUPPLY—CONTD

## DETAILED STATEMENT IV

(PHYSICAL TARGETS)

No. of scheme	Item	Unit	Position at the end of the 2nd Plan (on 31st March, 1961)	Additional targets planned to be achieved during the third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)
1	2	3	4	5	6
DMS-1	Establishment of Milk supply union at Chandigarh	Nos.	..	1	1
DMS-2	Establishment of a composite milk plant at Amritsar	Do	..	1	1
DMS-3	Construction of modern dairy buildings along with a complete set of pasteurisation plant at Government Livestock Farm, Hissar	Do	..	1	1
DMS-4	Strengthening of existing dairies—Construction of sheds for milch animals at Government Livestock Farm, Hissar	Do	2	2	4
DMS-5	Expansion of existing dairy schemes—Provision of additional funds	Do	..	2	2
DMS-6	Establishment of four new milk supply schemes	Plants	..	4	4
DMS-7	Establishment of two rural creameries	Creameries	..	2	2
DMS-8	Setting up of a milk products factory	..	..	..	During the third plan period it is proposed to purchase land and construct a portion of the factory building
DMS-9	Training of personnel for dairy projects	Trainees	..	123	123
DMS-11	Extension units for increased milk production	Villages	..	360	360
DMS-12	Removal of milch animals from urban areas	Animals	..	8350	8350
DMS-13	Lump sum provision for grant of loans to private boders for purchase of milch animals	Do	..	4000	4000



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**6. FORESTS**  
**(INCLUDING GAME PRESERVATION AND SOIL**  
**CONSERVATION)**

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**SUB-HEAD NO. 6—FORESTS (INCLUDING GAME PRESERVATION AND SOIL CONSERVATION)**  
**DETAILED STATEMENT I**  
**(FINANCIAL OUTLAY)**

Third Plan provision (Net)\*

(1) Total	..	46,700
(2) Capital	..	2,800
(3) Revenue	..	37,900

(Thousand Rs.)

No. of scheme	Name of Scheme	COST NET‡			Foreign Exchange involved in col. 3	Public contribu- tion	Income, if any	SHARE PROVIDED BY TECHNICAL COM- MITTEE/BOARD		Centre's share in case of Centrally Sponsored Schemes	Total Col. 3+6+ 9+10
		Total	Capital	Included in the net provision				Not included in the net provision			
1	2	3	4	5	6	7	8	9	10	11	
	<b>FORESTRY GROUP</b>										
FRT-1	Farm Forestry	200									200
FRT-2	Raising of economic plantations (Conifers)	1300									1300
FRT-3	Raising of economic plantation (Miscellaneous species)	600									600
FRT-4	Raising of economic plantations in plains (irrigated and unirrigated)	1800		50							1800
FRT-5	Raising of economic plantations (Acquisition of land)	1800	1800								1800
FRT-6	Raising of economic plantations (Canals, Roads and Railway Strips)	8900		40		7220					8900
FRT-7	Forest consolidation	200									200
FRT-8	Forest resources survey	200		10							200
FRT-9	Organisation and preparation of working plans	950									950
FRT-10	Grazing and pasture improvement	200									200
FRT-11	Development of minor forest produce (Medicinal plants)	350									350



**SUB-HEAD NO.6—FOREST (INCLUDING GAME PRESERVATION AND SOIL CONSERVATION)  
DETAILED STATEMENT I—CONCLD  
FINANCIAL OUTLAY**

No. of scheme	Name of Scheme	COST NET*			Foreign Exchange involved in col. 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE BOARD		Centre's share in case of Centrally sponsored Schemes	Total +3+6+9+10
		Total	Capital					Included in the net provision	Not included in the net provision		
1	2	3	4	5	4	7	8	9	10	11	
FRT-12	Development of timber operations and forest utilisation (Timber operation) ..	5000	..	1500	..	..	..	..	..	5000	
FRT-13	Development of timber operations and forest utilisation (Establishment of tin fabricating plant) ..	100	..	20	..	..	..	..	..	100	
FRT-14	Forest Research ..	199	..	..	..	..	..	..	..	199	
FRT-15	Development of forest communications, construction of logging extraction and inspection roads and paths ..	3755	..	500	..	..	..	..	..	3755	
FRT-16	Construction of buildings (for subordinates)	400	..	..	..	..	..	..	..	400	
FRT-17	Forest Protection (Trans receivers and fire fighting equipment) ..	110	..	20	..	..	..	..	..	110	
FRT-18	Development of Forest Information and Education Unit ..	250	..	..	..	..	..	..	..	250	
FRT-19	Staff amenities and labour welfare ..	100	..	..	..	..	..	..	..	100	
FRT-20	Forestry Scheme (Headquarters Office staff) ..	255	..	..	..	..	..	..	..	255	
FRT-21	Training in Forestry ..	731	..	..	..	..	..	..	..	731	
FRT-22	Wild Life Development in the State ..	400	..	..	..	..	..	..	..	400	
	<b>Total Forestry Group ..</b>	<b>27800</b>	<b>1800</b>	<b>2140</b>	<b>..</b>	<b>7220</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>27800</b>	
<b>SOIL CONSERVATION GROUP (FOREST DEPARTMENT)</b>											
FRT-23	Survey and land use planning in Shiwaliks and adjoining tracts ..	300	..	10	..	..	..	..	..	300	

FRT-24	Reclamation of water logged saline and alkaline soil	250	..	..	..	..	..	..	250
FRT-25	Soil Conservation in water sheds for flood control	11530	..	..	25	..	..	..	1555
FRT-26	Soil Conservation works in Desert Areas	1129	..	..	108	..	..	..	1237
FRT-27	Soil Conservation works in waste land	250	..	..	..	..	..	..	250
FRT-28	Soil Conservation Research and Demonstration—								
	(i) Research	150	..	10	..	..	..	..	150
	(ii) Demonstration	450	..	..	..	..	..	..	450
FRT-29	Treatment of Choes in Ambala and Hoshiarpur Districts with the help of tree protection belts	1250	..	21	..	..	..	..	1250
FRT-30	Soil Conservation (Staff for headquarters)	555	..	..	..	..	..	..	555
FRT-31	Training in Soil Conservation	1436	..	..	..	..	..	..	1436
	<b>Total Soil Conservation group (Forest Department)</b>	<b>7300</b>	..	<b>141</b>	<b>133</b>	..	..	..	<b>7433</b>
<b>SOIL CONSERVATION GROUP (IRRIGATION AND AGRICULTURE DEPARTMENTS)</b>									
FRT-32	Reclamation of saline and alkaline soils	7000	7000	..	..	..	..	..	7000
FRT-33	Land use Soil Survey	400	..	..	..	..	..	..	400
FRT-34	Land use planning	280	..	..	..	..	..	..	280
FRT-35	Soil Conservation demonstration (dry farming centres) on agricultural lands	1000	..	..	..	..	..	..	1000
FRT-36	Soil Conservation works (contour bunding and dry farming) on agricultural lands	2520	..	..	..	..	..	..	2520
FRT-37	Dry farming Scheme	400	..	..	..	..	..	..	400
	<b>Total (soil conservation group Irrigation and Agriculture Departments)</b>	<b>11600</b>	<b>7000</b>	..	..	..	..	..	<b>11600</b>
	<b>Grand Total</b>	<b>46700</b>	<b>8800</b>	<b>2281</b>	<b>133</b>	<b>7220</b>	..	..	<b>46833</b>

‡Includes only the State share in the case of Centrally Sponsored Schemes.



**SUB-HEAD NO. 6—FORESTS (INCLUDING GAME PRESERVATION AND SOIL CONSERVATION)**  
**DETAILED STATEMENT I**  
**(FINANCIAL OUTLAY)**

Third Plan provision (Net)*		
(1) Total	..	46,700
(2) Capital	..	3,800
(3) Revenue	..	37,900

(Thousand Rs.)

No. of scheme	Name of Scheme	COST NET‡			Foreign Exchange involved in col. 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally Sponsored Schemes	Total Col. 3+6+9+10
		Total	Capital					Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11	
	<b>FORESTRY GROUP</b>										
FRT-1	Farm Forestry	200	..	..	..	..	..	..	..	200	
FRT-2	Raising of economic plantations (Conifers)	1300	..	..	..	..	..	..	..	1300	
FRT-3	Raising of economic plantation (Miscellaneous species)	600	..	..	..	..	..	..	..	600	
FRT-4	Raising of economic plantations in plains (irrigated and unirrigated)	1800	..	50	..	..	..	..	..	1800	
FRT-5	Raising of economic plantations (Acquisition of land)	1800	1800	..	..	..	..	..	..	1800	
FRT-6	Raising of economic plantations (Canals, Roads and Railway Strips)	8900	..	40	..	7220	..	..	..	8900	
FRT-7	Forest consolidation	200	..	..	..	..	..	..	..	200	
FRT-8	Forest resources survey	200	..	10	..	..	..	..	..	200	
FRT-9	Organisation and preparation of working plans	950	..	..	..	..	..	..	..	950	
FRT-10	Grazing and pasture improvement	200	..	..	..	..	..	..	..	200	
FRT-11	Development of minor forest produce (Medicinal plants)	350	..	..	..	..	..	..	..	350	

**SUB-HEAD NO. 6—FORESTS (INCLUDING GAME PRESERVATION AND SOIL CONSERVATION—contd**

**DETAILED STATEMENT II  
(BREAK UP OF FINANCIAL OUTLAY)**

(Thousand Rs.)

No. of scheme	Name of Scheme	Financial provision	BREAK UP OF THE FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS							Total
			Staff	Material and Building	Land	Equipment add Machinery	Loan	subsidy or grant-in-aid	Others	
1	2	3	4	5	6	7	8	9	10	11
<b>(FORESTRY GROUP)</b>										
FRT-1	Farm Forestry	200	..	..	..	..	..	..	200	200
FRT-2	Raising of economic plantations (Conifers)	1300	428	56	..	27	..	..	789	1300
FRT-3	Raising of economic plantations (Miscellaneous species)	600	111	34	..	11	..	..	444	600
FRT-4	Raising of economic plantation in plains (Irrigated and unirrigated)	1800	351	48	..	27	..	..	1374	1800
FRT-5	Raising of economic plantations (Acquisition of land)	1800	50	..	17.38	..	..	..	12	1800
FRT-6	Raising of economic plantations (canals, Roads and Railway strips)	8900	22.23	265	..	130	..	..	6282	8900
FRT-7	Forest consolidation	200	1.58	..	..	..	..	..	42	200
FRT-8	Forest resources survey	200	1.40	..	..	15	..	..	45	200
FRT-9	Organisation and preparation of working plans	950	709	10	..	50	..	..	181	950
FRT-10	Grazing and pasture improvement	200	77	5	..	13	..	..	105	200
FRT-11	Development of minor forest produce (medicinal plants)	350	1.54	11	..	25	..	..	160	350

FRT-12	Development of timber operations and forest utilisation (timber operations)	5000	690	700	..	2500	..	..	1110	5000
FRT-13	Development of timber operations and forest utilisation (Establishment of tin Fabricating plant)	100	17	20	..	50	..	..	13	100
FRT-14	Forest Research	199	95	16	..	8	..	..	80	199
FRT-15	Development of forest communications, construction of logging extraction and inspection roads and paths	3755	215	300	..	700	..	..	2540	3755
FRT-16	Construction of buildings (for subordinates)	400	..	400	..	..	..	..	..	400
FRT-17	Forest Protection (Trans receivers and fire fighting equipment)	110	27	4	..	60	..	..	19	110
FRT-18	Development of Forest Information and Education Unit	250	159	..	..	25	..	..	66	250
FRT-19	Staff amenities and labour welfare	100	31	..	..	30	..	..	39	100
FRT-20	Forestry scheme (Headquarters office staff)	255	220	..	..	7	..	..	28	255
FRT-21	Training in Forestry	731	161	156	..	70	..	..	344	731
FRT-22	Wild Life Development in the State	400	152	..	..	25	..	..	223	400
	Total Forestry group	27800	6168	2025	1738	3773	..	..	14096	27800

SOIL CONSERVATION GROUP (FOREST DEPARTMENT)

FRT-23	Survey and land use planning in Siwaliks and adjoining tracts	300	50	5	..	20	..	..	225	300
FRT-24	Reclamation of water logged saline and alkaline soil	250	35	30	..	5	..	..	180	250
FRT-25	Soil Conservation in water sheds for flood control	1530	450	117	..	67	..	..	896	1530
FRT-26	Soil Conservation works in Desert Areas	1129	403	37	..	45	..	..	644	1129
FRT-27	Soil Conservation works in waste lands	250	62	12	..	3	..	..	173	250
FRT-28	Soil Conservation Research and Demonstration—									
	(i) Research	150	51	8	..	..	..	..	91	150
	(ii) Demonstration	450	177	20	..	28	..	..	225	450

**SUB-HEAD NO. 6—FORESTS INCLUDING GAME PRESERVATION AND SOIL CONSERVATION—contd**

**DETAILED STATEMENT II**

(BREAK UP OF FINANCIAL OUTLAY)

(Thousand Rs)

No. of Scheme	Name of Scheme	BREAK-UP OF THE FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS								
		Financial provision	Staff	Material and Building	Land	Equipment add Machinery	Loan	Subsidy or grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
FRT-29	Treatment of Choes in Ambala and Hoshiarpur Districts, with the help of tree protection belts ..	1250	255	39	..	228	..	..	728	1250
FRT-30	Soil Conservation (staff for headquarters) ..	555	485	..	..	..	..	..	70	555
FRT-31	Training in Soil Conservation ..	1436	163	190	..	125	..	..	958	1436
	Total Soil Conservation Group (Forest Department) ..	7300	2131	458	..	521	..	..	4190	7300
FRT-32	Reclamation of saline and alkaline soils ..	7000	3640	250	50	500	..	..	2560	7000
FRT-33	Land Use Soil Survey ..	400	225	..	..	75	..	..	100	400
FRT-34	Land Use Planning ..	280	200	..	..	20	..	..	60	280
FRT-35	Soil Conservation demonstration (dry farming centres on agricultural lands) ..	1000	300	..	..	65	..	..	635	1000
FRT-36	Soil Conservation works (contour bunding and dry farming) on agricultural lands ..	2520	800	..	..	100	..	..	1620	2520
FRT-37	Dry Farming scheme ..	400	..	..	..	300	..	..	100	400
	Total Schemes of Irrigation and Agricultural Departments) ..	11600	5165	250	50	1060	..	..	5075	11600
	Add—Total of Forest Department Schemes ..	35100	8299	2483	1738	4294	..	..	18286	35100
	Grand Total ..	46700	13464	2733	1788	5354	..	..	23361	46700

**SUB HEAD NO. 6—FORESTS (INCLUDING GAME PRESERVATION AND SOIL CONSERVATION)**  
(Contd.)

• DETAILED STATEMENT—III

EMPLOYMENT POTENTIAL

Direct employment to be provided in man years

No. of Scheme	Name of Scheme	Admn. and Clerical	TECHNICAL				Total
			Degree level	Diploma or Certificate	Skilled workers not included under columns 4 and 5	Others including Class IV employees	
FRT-2	Raising of Economic plantations (Conifers) ..	16	5	23	70	1043	1157
FRT-3	Raising of economic plantations (Misc. species) ..	5	..	13	36	611	665
FRT-4	Raising of economic plantations in plains (Irrigated and unirrigated) ..	19	5	43	125	1388	2080
FRT-5	Raising or economic plantations (Acquisition of land) ..	2	..	18	..	7	27
FRT-6	Raising of economic plantations (Canal Roads and Railway strips) ..	100	16	244	1013	8517	9890
FRT-7	Forest consolidation ..	11	1	36	..	15	63
FRT-8	Forest resources survey ..	10	25	..	..	10	45
FRT-9	Working plan organization and preparation of working plans ..	92	18	84	89	285	568
FRT-10	Grazing and pasture improvement ..	3	..	18	20	134	175
FRT-11	Development of minor forest produce (medicinal plants) ..	8	7	30	..	38	83
FRT-12	Development of timber operations and forest utilisation (timber operations) ..	48	24	44	173	269	558
FRT-13	Development of timber operations and forest utilization (Establishment of tin fabricating plant) ..	..	..	..	6	6	12
FRT-14	Forest Research ..	5	3	15	20	18	61
FRT-15	Development of forest communication, construction of logging extraction and inspection of roads and paths ..	12	5	45	24	2716	2802



**SUB HEAD NO. 6 — FORESTS (INCLUDING GAME PRESERVATION AND SOIL CONSERVATION)**  
(Contd.)

DETAILED STATEMENT-III •

EMPLOYMENT POTENTIAL

Direct employment to be provided in man years

No. of Scheme	Name of Scheme	Admn. and Clerical	TECHNICAL			Others including Class IV employees	Total
			Degree level	Diploma or Certificate	Skilled workers not included under columns 4 and 5		
FRT-16	Construction of buildings (for subordinates)	..	..	..	13	107	120
FRT-17	Forest Protection (Trans receivers and fire fighting equipment)	..	4	4	4	8	20
FRT-18	Development of Forest Information and Education Unit	15	5	20	15	20	75
FRT-19	Staff amenities and labour welfare	..	3	3	3	3	12
FRT-20	Forestry scheme (Headquarter office staff)	56	4	8	..	16	84
FRT-21	Training in Forestry	18	5	15	5	77	120
FRT-22	Wild Life Development in the State	9	5	9	52	37	112
FRT-23	Survey and land use planning in Siwalik and adjoining tracts	..	..	15	..	12	27
FRT-24	Reclamation of water logged saline and alkaline soil	..	..	7	12	243	262
FRT-25	Soil Conservation in watershed for flood control	21	5	61	149	1291	1527
FRT-26	Soil conservation works in Desert areas	24	5	38	140	1052	1259
FRT-27	Soil Conservation works in wastelands	..	..	10	40	227	277
FRT-28	Soil Conservation Research and Demonstration—						
	(i) Research	..	..	15	10	10	35
	(ii) Demonstration	15	..	37	38	291	381
FRT-29	Treatment of Choes in Ambala and Hoshiarpur Districts with the help of tree protection belts	15	5	35	67	984	1106
FRT-30	Soil Conservation (Staff for Headquarters)	48	20	56	8	68	200
FRT-31	Training in Soil Conservation	15	15	218	5	91	344
Total Forest Department ..		567	181	1164	2137	20094	24143

**SUB HEAD NO. 6—FORESTS (INCLUDING GAME PRESERVATION AND SOIL CONSERVATION)**  
(Contd.)

**DETAILED STATEMENT-III**

**EMPLOYMENT POTENTIAL**

Direct employment to be provided in man years

No. of Scheme	Name of Scheme	Admn. and Clerical	TECHNICAL				Total
			Degree level	Diploma or Certificate	Skilled workers not included under columns 4 and 5	Others including Class IV employees	
FRT-32	Reclamation of saline and alkaline soils ..	390	249	69	760	486	1954
FRT-33	Land Use Soil Survey ..	10	30	10	..	50	100
FRT-34	Land Use Planning ..	12	64	8	..	8	92
FRT-35	Soil Conservation demonstration (dry farming centres) on agricultural lands ..	20	30	80	60	50	240
FRT-36	Soil Conservation works, (contour bunding and dry farming) on agricultural lands ..	320	180	560	150	250	1460
Total (Agriculture and Irrigation Departments) ..		752	553	727	970	844	3846
Add—Total of Forest Department		567	181	1164	2137	20094	24143
Grand Total ..		1319	734	1891	3107	20938	27989

Note :—(1) Man year means one person employed for one year.

(2) If a person is likely to continue in employment for five years, 5 man years have been counted.

**SUB-HEAD NO. 6--FORESTS (INCLUDING GAME PRESERVATION AND SOIL CONSERVATION)**  
(Contd.)

**DETAILED STATEMENT-IV**

(PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the 2nd Plan (on 31-3-61)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31-3-66)
1	2	3	4	5	6
<b>FORESTRY GROUP</b>					
FRT-1	Farm Forestry ..	Acre	..	8000	8000
FRT-2	Raising of economic plantations (Conifers) ..	Do	..	50000	50000
FRT-3	Raising of economic plantations (Misc. species) ..	Do	..	3000	3000
FRT-4	Raising of economic plantations in plains (irrigated and unirrigated)	Do	..	15200	15200
FRT-5	Raising of economic plantations (Acquisition of land) ..	Do	..	10800	10800
FRT-6	Raising of economic plantations (Canals, Roads and Railway strips)	Row mile	..	11000	11000
FRT-7	Forest consolidation ..	Acre	..	200000	200000
FRT-9	Organisation and preparation of working plans	No.	..	50	50
F RT-10	Grazing and pasture improvement	Pilot centres No.	..	3	3
FRT-11	Development of minor forest produce (medicinal plants)	Centres No.	..	4	4
FRT-12	Development of timber operations and forest conversion and extraction utilisation (timber operations)	lac Cft. operations No.	..	70	70
FRT-13	Development of timber operations and forest utilisation (Establishment of tinc fabricating plant)	Plant No.	..	1	1
FRT-14	Forest Research ..	Centres No.	..	2	2

**SUB-HEAD NO. 6—FORESTS (INCLUDING GAME PRESERVATION AND SOIL CONSERVATION)**  
(Contd)

**DETAILED STATEMENT-IV**

(PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the 2nd Plan (on 31-3-61)	Additional targets planned to be achieved during the Third Plan (April 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31-3-1966)
1	2	3	4	5	6
FRT-15	Development of forest communications, construction of logging extraction and inspection of roads and paths	Miles	..	150	150
		Miles	..	(Logging roads) 200	200
			..	(Inspection roads and paths) 80	
FRT-16	Construction of buildings (for subordinates)	No. (buildings)	..	80	80
FRT-17	Forest protection (Trans receivers and fire fighting equipment)	Unit No.	..	1	1
FRT-18	Development of Forest Information and Education Unit	No.	..	1	1
FRT-19	Staff amenities and labour welfare	(i) Mobile dispensary ..	No. ..	1	1
		(ii) Water Supply Units ..	No. ..	20	20
FRT-21	Training in Forestry	Training of Officers/officials ..	No. ..	800	800
		Establishment of—			
FRT-22	Wild life development in the State	(i) Wild life sanctuary ..	No. ..	1	1
		(ii) Mobile Squad ..	No. ..	1	1
		(iii) Wild life Publicity Unit ..	No. ..	1	1
<b>SOIL CONSERVATION SCHEMES</b>					
FRT-23	Survey and land use planning in Siwaliks and adjoining tracts	(i) Aerial Survey .. ..	Sq. miles	2000	2000
		(ii) Ground Survey .. ..	Ditto	500	500
FRT-24	Reclamation of waterlogged saline and alkaline soil ..	Reclamation and Afforestation ..	Acre	500	500
FRT-25	Soil Conservation in water sheds for flood control	(i) Contour bunding and terracing ..	Acre	1000	1000
		(ii) Afforestation ..	Acre	4900	4900

**SUB-HEAD NO. 6—FORESTS (INCLUDING GAME PRESERVATION AND SOIL CONSERVATION)**  
(Contd.)

**DETAILED STATEMENT-IV**

(PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the 2nd Plan (on 31-3-61)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31-3-1966)
1	2	3	4	5	6
FRT-25	Soil conservation in water sheds for flood control— <i>concl'd</i>	(iii) Pasture Development .. Acre	..	700	700
		(iv) Engineering Works—			
		(a) Sediment detention dams .. No.	..	20	20
		(b) Check dams .. No.	..	500	500
		(c) Roads and paths .. Miles	..	15	15
FRT-26	Soil conservation works in desert areas	(i) Afforestation .. Acre	..	750	750
		(ii) Pasture Development .. Acre	..	250	250
		(iii) Wind breaks in Government lands .. One row mile	..	500	500
		(iv) Wind breaks in private lands .. Ditto	..	300	300
FRT-27	Soil Conservation in waste lands	Afforestation-cum-Check Damming .. Acre	..	1500	1500
FRT-28	Soil Conservation Research and Demonstration—				
	(i) Research	.. Establishment of Research Station .. No.	..	2	2
	(ii) Demonstration	.. Establishment of Demonstration Centres .. No.	..	2	2
FRT-29	Treatment of Choes in Ambala and Hoshiarpur Districts with the help of tree protection belts	Choe training works .. One Mile (One side)	..	250	250
FRT-31	Training in soil conservation	.. Training of officers/officials	..	912	912
FRT-32	Reclamation of saline and alkaline soils—				
	(i) Inside and outside irrigation boundary	.. Acres	..	60,000	60,000

**HEAD NO. 6—FORESTS (INCLUDING GAME PRESERVATION AND SOIL CONSERVATION)**  
 (Contd.)

**DETAILED STATEMENT-IV**

(PHYSICAL TARGETS)

No. of Schemes	Name of Scheme/Item	Unit	Position at the end of the 2nd Plan (on 31-3-61)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31-3-1966)
1	2	3	4	5	6
	(ii) Investigation of Thur and soil survey	Acres( lakhs)	..	56	56
	(iii) Plantation along river choes and diversions etc.	Miles	..	420	420
	(iv) Development of bed of river Beas	Acres	..	1500	1500
FRT-33	Land use soil survey	Acres	..	432000	432000
FRT-34	Land use planning	Acres	..	4000	4000
FRT-35	Soil conservation demonstration (dry farming centres) on agricultural lands	Acres	..	5000	5000
FRT-36	Soil conservation works (contour bunding and dry farming) on agricultural lands	Acres	..	23000	23000
FRT-37	Dry farming scheme	Acres	..	160000	160000
		Food grains(Tons )	..	8000	8000



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**7. FISHERIES**

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**SUB-HEAD No. 7—FISHERIES**  
**DETAILED STATEMENT I**  
(FINANCIAL OUT LAY)

Third Plan provision (Net)† .. { (1) Total .. 4500  
(2) Capital .. 2203  
(3) Revenue .. 2297

(Thousand Rs)

No. of Scheme	Name of scheme	COST NET†		Foreign Exchange involved in Col. 3	Public contribution	Income if any	SHARE PROVIDED BY TECHNICAL COMMITTEE /BOARD		Centre's share in case of centrally sponsored schemes	Total Cols. 3+6+9+10
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
FSH-1	Development of fish in Bhakra Reservoir ..	2,000	1,331	..	..	20	..	..	..	2,000
FSH-2	Fish Culture in Chandigarh lake ..	348	150	..	..	2	..	..	..	348
FSH-3	Demonstration of fish culture in a large number of impunded waters in the State ..	837	71	..	..	90	..	..	..	837
FSH-4	Establishment of fish seed farms ..	576	362	..	..	..	..	..	..	576
FSH-5	Training of fisheries personnel ..	74	..	..	..	..	..	..	..	74
FSH-6	Appointment of additional ministerial staff for Fisheries section in the headquarters office ..	59	..	..	..	..	..	..	..	59
FSH-7	Survey of culturable waters and spawning grounds ..	202	30	..	..	..	..	..	..	202
FSH-8	Establishment of a research station-cum-aquarium and museum at Chandigarh ..	404	259	..	..	..	..	..	..	404
	<b>Total</b> ..	<b>4,500</b>	<b>2,203</b>	<b>..</b>	<b>..</b>	<b>112</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>4,500</b>

†Includes only the State share in the case of centrally sponsored schemes.

**SUB-HEAD No. 7—FISHERIES**

**DETAILED STATEMENT II**

(BREAK UP OF FINANCIAL OUTLAY)

(Thousand Rs.)

No. of Scheme	Name of Scheme	Financial provision	BREAK UP OF THE FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS							
			Staff	Material and building	Land	Equipment and machinery	Loan	Subsidy or grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
FSH-1	Development of fish in Bhakra Reservoir ..	2,000	486	1,120	50	207	..	..	137	2,000
FSH-2	Fish culture in Chandigarh Lake ..	348	123	125	..	32	..	..	68	348
FSH-3	Demonstration of fish culture in a large number of impounded waters in the State ..	837	332	..	..	80	..	..	425	837
FSH-4	Establishment of fish seed farms ..	576	147	315	30	38	..	..	46	576
FSH-5	Training of fisheries personnel ..	74	74	..	..	..	..	..	..	74
FSH-6	Appointment of additional ministerial staff for fisheries section in the headquarters office ..	59	56	..	..	..	..	..	3	59
FSH-7	Survey of culturable waters and spawning grounds ..	202	114	..	..	42	..	..	46	202
FSH-8	Establishment of a research station-cum-aquarium and museum at Chandigarh ..	404	95	259	..	29	..	..	21	404
	Total ..	4,500	1,427	1,819	80	428	..	..	746	4,500

## SUB-HEAD No. 7—FISHERIES

## DETAILED STATEMENT III (EMPLOYMENT POTENTIAL)

Direct employment to be provided in main years

No. of Scheme	Name of the Scheme	Adm. and clerical	TECHNICAL		Skilled workers not included under Cols 4 and 5	Others including Class IV employees	Total
			Degree level	Diploma or certificate level			
1	2	3	4	5	6	7	8
FSH-1	Development of fish in Bhakra Reservoir ..	56	30	..	103	89	278
FSH-2	Fish culture in Chandigarh Lake ..	10	10	..	10	70	100
FSH-3	Demonstration of fish culture in a large number of impounded waters in the State ..	45	32	15	24	136	252
FSH-4	Establishment of fish seed farms ..	..	26	..	5	76	107
FSH-5	Training of Fisheries personnel	8	5	..	..	..	13
FSH-6	Appointment of additional ministerial staff for fisheries section in the headquarters office ..	30	..	..	..	..	30
FSH-7	Survey of culturable waters and spawning grounds ..	..	15	15	15	45	90
FSH-8	Establishment of a Research station-cum-aquarium and museum at Chandigarh ..	13	8	11	6	24	62
	Total ..	162	126	41	163	440	932

Note.—(1) Man year means one person employed for one year.

(2) If a person is likely to continue in employment for five years, 5 man years have been counted.

**SUB-HEAD No. 7—FISHERIES—CONTD**  
**DETAILED STATEMENT IV—(PHYSICAL TARGETS)**

No. of scheme	Name of Scheme/Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)
1	2	3	4	5	6
<b>FSH-1</b>	<b>Development of Fish in Bhakra Reservoir—</b>				
	(i) Area under fish seed farms	.. Acres	..	60	60
	(ii) Area under production	.. Acres	..	4,500	4,500
	(iii) Production of fry	.. No. (in lakhs)	..	90	90
	(iv) Production of fish	.. Mds.	..	1,000	1,000
<b>FSH-2</b>	<b>Fish culture in Chandigarh Lake—</b>				
	(i) Area under fish seed farms	.. Acres	..	2	2
	(ii) Area under production	.. Acres	..	250	250
	(iii) Production of fry	.. No. (in lakhs)	..	5	5
	(iv) Production of fish	.. Mds.	..	100	100
<b>FSH-3</b>	<b>Demonstration of fish culture in a large number of impounded waters in the State—</b>				
	(i) Area under production	.. Acres	..	1,000	1,000
	(ii) Production of fish	.. Mds.	..	4,500	4,500
<b>FSH-4</b>	<b>Establishment of fish seed farms—</b>				
	(i) Area under seed farm	.. Acres	..	50	50
	(ii) Production of fry	.. No. (in lakhs)	..	100	100
	(iii) Seed farms to be established	.. No.	..	10	10
<b>FSH-5</b>	<b>Training of fisheries personnel—</b>				
	(a) Senior Officers	.. No.	..	4	4
	(b) Junior Officers	.. No.	..	11	11
<b>FSH-7</b>	<b>Survey of culturable waters and spawning grounds in the State</b>	.. No.	..	16	16
<b>FSH-8</b>	<b>Establishment of a research station-cum-aquarium and museum at Chandigarh</b>	.. No.	..	1	1

**SUB-HEAD No. 7—FISHERIES—CONTD**  
**DETAILED STATEMENT IV (PHYSICAL TARGETS)**

*Sub-head of Development.—7—Fisheries.*

No. of scheme	Name of Scheme/Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)
1	2	3	4	5	6
1	Area under seed farms	.. Acres	..	112	112
2	Production of fry	.. No. (in lacs)	..	195	195
3	Area under production	.. Acres	1,025	5,750	6,775
4	Production of fish	.. Mds.	..	5,600	5,600
FSH-5 Training of fisheries personnel—					
	(a) Senior officers	.. No.	..	4	4
	(b) Junior officers	.. No.	..	11	11
FSH-7	Survey of culturable	.. No.	..	16	16
FSH-8	Research Station-cum-Museum	.. No.	..	1	1
FSH-7	Research Workers	.. No.	..	..	..
FSH-1 Development of fish in Bhakra Reservoir—					
	(1) Area under fish seed farms	.. Acres	..	60	60
	(2) Area under production	.. Acres	..	4,500	4,500
	(3) Production of fry	.. No. (in thousand)	..	90	90
	(4) Production of fish	.. Mds.	..	1,000	1,000
FSH-2 Fish culture in Chandigarh Lake—					
	(1) Area under fish seed farms	.. Acres	..	2	2
	(2) Area under Production	.. Acres	..	250	250
	(3) Production of fry	.. No. (in lakhs)	..	5	5
	(4) Production of fish	.. Mds.	..	100	100
3	Demonstration of fish culture in a large number of impounded waters in the State—				
	Area under production	.. Acres	..	1,000	..
	Production of fish	.. Mds.	..	4,500	..
4	Establishment of fish seed farms—				
	Area under seed farm	.. Acres	..	50	..
	Production of fry	.. No. (in lakhs)	..	100	..
	Seed farms to be established	.. No.	..	10	..



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**8. COMMUNITY DEVELOPMENT  
AND  
NATIONAL EXTENSION SERVICE**

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SUB-HEAD No.8.—C. D. and N.E.S.

DETAILED STATEMENT I

(FINANCIAL OUTLAY)

Third Plan Provision (Net) †1.	Total	..	123000
	2. Capital	..	36268
	3. Revenue	..	86732

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET ‡		Foreign Exchange involved in col. 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally-sponsored schemes	Total Cols. 3+6+9 10
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
CD-1	C. D. & N.E.S.	.. 123 000	36268	..	Contribution received in respect of the scheme will be utilized in addition to this expenditure but this does not pass through Government accounts.	..	..	..	..	123000

‡ Includes only the State share in the case of Centrally-sponsored schemes.

SUB-HEAD No. 8 C.D. & N.E.S.—CONTD

STATEMENT II

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rs)

No. of Scheme	Name of Scheme	Financial Provision	BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS							Total
			Staff	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	
1	2	3	4	5	6	7	8	9	10	11
CD-1	C. D. & N.E.S.	.. 123000	36670	4172	158	..	36268	45732	..	123000

## SUB-HEAD No. 8— C.D. and N.E.S. (CONTD)

## DETAILED STATEMENT—III

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided to man year

No. of scheme	Name of Scheme	Adminis- trative and clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including Class IV employees	Total
			Degree level	Diploma or certificate level			
1	2	3	4	5	6	7	8
CD-1	C.D. and N.E.S.	4227	196	1664	208	1003	7298

NOTES (1) Man year means one person employed for one year.  
(2) If a person is likely to continue in employment for five years, 5 man years have been counted.

## SUB-HEAD No. 8—C.D. and N.E.S. (CONTD)

## DETAILED STATEMENT.—IV

(PHYSICAL TARGETS)

No. of Scheme	Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets plan- ned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)
1	2	3	4	5	6
CD-1	C.D. & N.E.S.—				
	(i) Blocks to be started	.. Number	153 stage I or II	75 stage I	228
	(ii) Area to be covered	.. Square Miles	29200	16,220	45,420
	(iii) Population to be covered	Lakh	*117 (Estimated)	*2,780	*162

\*According to 1961 Census.

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## 9. CO-OPERATION

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**SUB-HEAD No. 9—CO-OPERATION**

**DETAILED STATEMENT-I**

(FINANCIAL OUTLAY)

Third Plan Provision (Net)†	(i) Total ..	45000
	(ii) Capital ..	20556
	(iii) Revenue ..	24444

(Thousands Rs)

No. of scheme	Name of Scheme	COST NET†		Foreign exchange involved in Col. 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/ BOARD		Centre's share in case of centrally sponsored schemes	Total Col. 3+6+9+10
		Total	Capital				Included in the net provision	Not includes in the net provision		
1	2	3	4	5	6	7	8	9	10	11
COP-1	Construction of rural godowns by Primary Co-operatives ..	5300	3975	..	..	..	..	..	..	5300
COP-2	Re-organisation and Revitalisation of Rural Credit Societies ..	4350	..	..	..	..	..	..	..	4350
COP-3	Provision of long term Credit through Land Mortgage Bank ..	350	..	..	..	..	..	..	..	350
COP-4	State Agricultural Credit (Relief and Gurantee) fund ..	200	..	..	..	..	..	..	..	200
COP-5	Creation of Special Bad Debt Reserves for Primary Societies and Central Banks ..	6600	..	..	..	..	..	..	..	6600
COP-6	Assistance to Central Co-operative Banks ..	320	..	..	..	..	..	..	..	320
COP-7	Development and strengthening of Co-operative Marketing and Marketing-cum-processing societies ..	7284	5781	..	..	..	..	..	..	7284
COP-8	Assistance to Apex Marketing Federation ..	350	325	..	..	..	..	..	..	350
COP-9	Setting up of Co-operative Sugar Factories ..	3500	3500	..	..	..	..	..	..	3500

SUB-HEAD No. 9—COOPERATION—CONTD

DETAILED STATEMENT-J—CONTD

(FINANCIAL OUTLAY)

No. of scheme	Name of Scheme	COST NET†		Foreign exchange involved in Col. 3	Public contribu- tion	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/ BOARD		Centre's share in case of centrally spon- sored schemes	Total Cols. 3+6+ 9+10
		Total	Capital				Included in the net provision	Not includes in the net provision		
1	2	3	4	5	6	7	8	9	10	11
COP-10	Establishment and Revitalization of Farming Societies ..	3255	1950	..	..	..	..	..	..	3255
COP-11	Development of Consumer Co-operative stores ..	200	125	..	..	..	..	..	..	200
COP-12	Continuance of three existing Co-operative Training Institutes for junior personnel ..	1350	..	..	..	..	..	..	..	1350
COP-13	Education and training of non-official personnel of the Co-operative movement through Punjab Cooperative Union ..	1700	..	..	..	..	..	..	..	1700
COP-14	Training of Co-operative Farming personnel ..	920	..	..	..	..	..	..	..	920
COP-15	Provision of study tour for officers of the Co-operatives Department and non-official Co-operatives ..	100	..	..	..	..	..	..	..	100
COP-16	Grant of subsidy to Punjab Co-operative Union ..	200	..	..	..	..	..	..	..	200
COP-17	Establishment and strengthening of service co-operatives ..	1500	..	..	..	..	..	..	..	1500
COP-18	Technical staff for the office of Registrar Co-operative Societies, Punjab ..	100	..	..	..	..	..	..	..	100
COP-19	Strengthening of the office of Registrar Co-operative Societies, Pnnjab ..	360	..	..	..	..	..	..	..	360

COP-20	Creation of the Additional posts of Assistant Registrars on general duty ..	250	..	..	..	..	..	..	250
COP-21	Strengthening of Co-operative Audit Staff	730	..	..	..	9770	..	..	730
COP-22	Creation of the post of Information Officer in the office of Registrar, Co-operative Societies	35	..	..	..	..	..	..	35
COP-23	Strengthening of Co-operative Women staff	350	..	..	..	..	..	..	350
COP-24	Development of Co-operative labour and construction societies ..	400	..	..	..	..	..	..	400
COP-25	Development and Establishment of Rickshaw Pullers Co-operatives ..	200	200	..	..	..	..	..	200
COP-26	Establishment of Co-operative Cold Storages	2270	2200	..	..	..	..	..	2270
COP-27	Development of Co-operative Kuhl Irrigation Societies in Kagnra District ..	176	..	..	..	..	..	..	176
COP-28	Replenishment of libraries ..	50	..	..	..	..	..	..	50
COP-29	Establishment of Warehouses by the Punjab State Warehousing Corporation ..	2600	2500	..	..	..	..	..	2600
	<b>Total ..</b>	<b>45000</b>	<b>20556</b>	<b>..</b>	<b>..</b>	<b>9770</b>	<b>..</b>	<b>..</b>	<b>45000</b>

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In addition to the above the following Schemes will also be included in the Plan for Government contribution to the share capital of Co-operative Credit institutions. The entire amount is to be provided by the Reserve Bank of India out of long term operation fund and will not be a charge on the plan.

1	Strengthening of share capital of Primary Credit Societies ..	10000	10000	..	..	..	10000	..	10000
2	Strengthening of the share capital of Apex Co-operative Bank ..	4000	4000	..	..	..	4000	..	4000
3	Strengthening of the share capital of Punjab State Co-operative Land Mortgage Bank	2500	2500	..	..	..	2500	..	2500
4	Strengthening of share capital of Central Co-operative Banks ..	10000	10000	..	..	..	10000	..	10000
	<b>Total ..</b>	<b>26500</b>	<b>26500</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>26500</b>	<b>..</b>	<b>26500</b>

†Includes only the State share in the case of Centrally Sponsored Schemes.



**SUB-HEAD No. 9—CO-OPERATION—(CONTD)**

**DETAILED STATEMENT-II**

(BREAK UP OF FINANCIAL OUTLAY)

(Thousand Rs)

No. of scheme	Name of Scheme	Financial provision	BREAK UP OF FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS							
			Staff	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
COP-1	Construction of rural godowns by Primary Co-operatives ..	5300	..	..	..	..	3975	1325	..	5300
COP-2	Reorganisation and Revitalization of Rural Credit Societies ..	4350	..	..	..	..	..	4350	..	4350
COP-3	Provision of Long Term Credit through Land Mortgage Bank ..	350	220	..	..	..	..	130	..	350
COP-4	State Agricultural Credit (Relief and Guarantee) fund ..	200	..	..	..	..	..	..	200	200
COP-5	Creation of Special Bad debt Reserves for Primary Societies and Central Banks ..	6600	..	..	..	..	..	6600	..	6600
COP-6	Assistance to Central Co-operative Banks ..	320	..	..	..	..	..	320	..	320
COP-7	Development and Strengthening of Co-operative Marketing and Marketing-cum-processing Societies ..	7284	570	..	..	..	5781	933	..	7284
COP-8	Assistance to Apex Marketing Federation ..	350	..	..	..	..	325	25	..	350
COP-9	Setting up of Co-operative Sugar Factories ..	3500	..	..	..	..	3500	..	..	3500
COP-10	Establishment and Revitalization of Farming Societies ..	3255	815	..	..	..	1950	490	..	3255

COP-11	Development of Consumers Co-operative Stores	200	..	..	..	..	125	75	..	200
COP-12	Continuance of three existing Co-operative Training Institute for junior personnel	1350	400	..	..	..	..	950	..	1350
COP-13	Education and training of non-official personnel of the Co-operative movement through Punjab Co-operative Union	1700	..	..	..	..	..	1700	..	1700
COP-14	Training of Co-operative Farming personnel	920	140	80	..	..	..	..	700	920
COP-15	Provision of study tour for officers of the Co-operative Department and non-official Co-operative	100	..	..	..	..	..	..	100	100
COP-16	Grant of subsidy to Punjab Co-operative Union	200	..	..	..	..	..	200	..	200
COP-17	Establishment and strengthening of service co-operative	1500	1500	..	..	..	..	..	..	1500
COP-18	Technical staff of the office of Registrar Co-operative Societies, Punjab	100	100	..	..	..	..	..	..	100
COP-19	Strengthening of the office of Registrar, Co-operative Societies, Punjab	360	360	..	..	..	..	..	..	360
COP-20	Creation of the additional posts of Assistant Registrars, on general duty	250	250	..	..	..	..	..	..	250
COP-21	Strengthening of Co-operative Audit staff..	730	730	..	..	..	..	..	..	730
COP-22	Creation of the post of Information Officer in the office of Registrar, Co-operative Societies	35	35	..	..	..	..	..	..	35
COP-23	Strengthening of Co-operative Women staff..	350	350	..	..	..	..	..	..	350
COP-24	Development of co-operative labour and construction societies	400	..	..	..	..	..	400	..	400
COP-25	Development and Establishment of Rickshaw Pullers Co-operatives	200	..	..	..	..	200	..	..	200
COP-26	Establishment of Co-operative Cold storages	2270	70	..	..	..	2200	..	..	2270
COP-27	Development of Co-operative Kuhl Irrigation societies in Kangra District	176	..	..	..	..	..	176	..	176

**SUB-HEAD No. 9—CO-OPERATION—CONTD**

**DETAILED STATEMENT—II CONTD**

(BREAK UP OF FINANCIAL OUTLAY)—*contd*

BREAK UP OF FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS										
No. of scheme	Name of Scheme	Financial provision	—							Total
			Staff	Material and Building	Land	Equip-ment and Machinery	Loan	Subsidy or grant in-aid	Others	
1	2	3	4	5	6	7	8	9	10	11
COP-28	Replenishment of Libraries	.. 50	..	..	..	..	..	..	50	50
COP-29	Establishment of Warehouses by the Punjab State Warehousing Corporation	.. 2600	100	..	..	..	2500	..	..	2600
	<b>Total</b>	<b>45000</b>	<b>5640</b>	<b>80</b>	<b>..</b>	<b>..</b>	<b>20556</b>	<b>17674</b>	<b>1050</b>	<b>45000</b>
<p>In addition to the above the following schemes will be included in the Plan for Government contribution to the share capital of Co-operative Credit institutions. The entire amount will be provided by the Reserve Bank of India out of long term operations fund and will not be a charge on the Plan</p>										
1	Strengthening of share capital of Primary Credit Societies	.. 10000	..	..	..	..	10000	..	..	10000
2	Strengthening of share-capital of Apex Co-operative Bank	.. 4000	..	..	..	..	4000	..	..	4000
3	Strengthening of share capital of Co-operative Land Mortgage Bank	.. 2500	..	..	..	..	2500	..	..	2500
4	Strengthening of share capital of Central Co-operative Banks	.. 10000	..	..	..	..	10000	..	..	10000
	<b>Total</b>	<b>.. 26500</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>26500</b>	<b>..</b>	<b>..</b>	<b>26500</b>

## SUB-HEAD NO. 9—CO-OPERATION (CONTD)

## DETAILED STATEMENT-III (EMPLOYMENT POTENTIAL)

Direct Employment to be provided in man years

No. of schemes	Name of Scheme	Admn. and Clerical	TECHNICAL				Total
			Degree level	Diploma or certificate level	Skilled workers not included under columns 4 and 5	Others including Class IV employees	
1	2	3	4	5	6	7	8
COP-2	Reorganization and Revitalization of Rural Credit Societies ..	9,400	..	..	..	..	9,400
COP-3	Provision of long term Credit through Land Mortgage Bank ..	199	..	..	..	47	246
COP-6	Assistance to Central Co-operative Banks ..	224	..	..	..	112	336
COP-7	Development and strengthening of Co-operative Marketing and Marketing cum-processing societies ..	380	..	123	..	80	583
COP-10	Establishment and Revitalization of Farming Societies ..	907	..	..	..	74	981
COP-11	Development of consumers Co-operative Stores ..	300	..	..	..	..	300
COP-12	Continuance of three existing Co-operative Training Institutes for junior personnel - ..	50	..	..	..	50	100
COP-13	Education and training of non-official personnel of the Co-operative movement through Punjab Co-operative Union ..	400	..	..	..	..	400
COP-14	Training of Co-operative Farming personnel ..	15	..	..	..	5	20
COP-17	Establishment and strengthening of service Co-operative ..	820	..	..	..	204	1,024
COP-18	Technical staff for the office of Registrar, Co-operative Societies, Punjab ..	15	5	10	5	10	45
COP-19	Strengthening of the office of Registrar, Co-operative Societies, Punjab ..	216	..	..	..	19	235
COP-20	Creation of the additional posts of Assistant Registrars on general duty ..	212	..	..	..	102	314
COP-21	Strengthening of Co-operative Audit staff ..	574	..	..	..	66	640

SUB-HEAD No. 9—CO-OPERATION—CONTD  
 DETAILED STATEMENT-III (EMPLOYMENT POTENTIAL)

Direct Employment to be provided in man years

Serial No.	Name of Scheme	Admn. and Clerical	TECHNICAL				Others including Class IV employees	Total
			Degree level	Diploma or certificate level	Skilled workers not included under columns 4 and 5			
1	2	3	4	5	6	7	8	
COP-22	Creation of the post of Information Officer in the Office of Registrar, Co-operative Societies	8	..	..	..	4	12	
COP-23	Strengthening of Co-operative Women staff	227	..	..	..	172	399	
COP-24	Development of co-operative labour and construction societies	600	..	..	..	..	600	
COP-25	Development and Establishment of Rickshaw Pullers Co-operatives	36	..	..	..	..	36	
COP-26	Establishment of Co-operative Cold Storages	5	..	5	..	5	15	
COP-29	Establishment of Warehouses by the Punjab State Warehousing Corporation	28	..	..	..	14	42	
Total		14,616	5	138	5	964	15,728	

*Note.*—(1) Man year means one person employed for one year.

(2) If a person is likely to continue in employment for five years, 5 man years have been counted.

**SUB-HEAD NO. 9—CO-OPERATION (CONTD)**  
**DETAILED STATEMENT IV (PHYSICAL TARGETS)**

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the 2nd Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (On 31st March, 1966)
1	2	3	4	5	6
COP-1	Construction of rural godowns by Primary Co-operatives	.. Godowns No.	600	530	1,130
COP-2	Reorganisation and Revitalisation of Rural Credit Societies	.. Societies No.	6,000	2,500	8,500
COP-3	Provision of long term Credit through Land Mortgage Bank—				
	(i) Opening of Primary Banks	.. Banks No.	..	10	10
	(ii) Advancement of Long term Credit	Rs in lakhs	48	300	348
COP-7	Development and Strengthening of Co-operative Marketing and Marketing-cum-processing societies—				
	(i) New Primary Societies	.. Societies No.	145 (as on 30th June, 1961)	15	160
	(ii) Rice Mills	.. Ditto	..	2	2
	(iii) Cotton Gins	.. Ditto	7 (as on 30th June, 1961)	3	10
	(iv) Oil Mills	.. Ditto	..	2	2
	(v) Groundnut decorticator	.. Ditto	..	1	1
	(vi) Fruit canning Units	.. Ditto	..	5	5
	(vii) Rice Hullars	.. Ditto	2 (as on 30th June, 1961)	10	12
	(viii) Manure Mixing Units	.. Ditto	..	5	5
COP-9	Setting up of Cooperative Sugar Factories	.. Sugar Mills No.	6	1	7
COP-10	Establishment and Revitalization of Farming Societies	.. Societies No.	836 (as on 30th June, 1961)	600	1,436
COP-11	Development of Consumer Co-operative stores	.. Stores No.	..	50	50
COP-12	Continuance of three existing Co-operative Training Institute for junior Personnel	.. Persons No.	1,018	2,750	3,768
COP-13	Education and training of non-official personnel of the Co-operative movement through Punjab Co-operative Union	.. Persons No. (in lakhs)	1.57	4.65	6.22

## SUB-HEAD No. 9—CO-OPERATION—(CONTD)

## DETAILED STATEMENT-IV—(contd)

## (PHYSICAL TARGETS)

No. of scheme	Name of Scheme/Item	Unit	Position at the end of the 2nd Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (On 31st March, 1966)
1	2	3	4	5	6
COP-14	Training of Co-operative Farming personnel ..	Persons No.	..	1,680	1,680
COP-17	Establishment and strengthening of service co-operatives ..	Societies No.	7,000	10,000	17,000
	(a) Coverage of villages ..	Villages No.	19,461	1,588	21,049
	(b) Enrolment of new members ..	Members No. (in lakhs)	14.66	8.18	22.84
COP-23	Strengthening of Co-operative Women Staff ..	Societies No.	850	850	1,700
COP-24	Development of co-operative labour and construction societies ..	Ditto	916	200	1,116
COP-25	Development and Establishment of Rickshaw Pullers Cooperatives ..	Ditto	31 (a son 30th June, 1961)	10	41
COP-26	Establishment of Co-operative Cold Storages ..	Storages No.	14 (as on 30th June, 1961)	3	17
COP-27	Development of Co-operative Kuhl Irrigation Societies in Kangra District ..	Societies No.	..	44	44
COP-29	Establishment of Warehouses by Punjab State Warehousing Corporation ..	Warehouses No.	13	10	23

\*The total number of inhabited villages in Punjab is 41,049 (including towns).

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**10 PANCHAYATS**

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**SUB-HEAD No. 10—PANCHAYATS**

**DETAILED STATEMENT I**

( FINANCIAL OUTLAY )

Third Plan provision (net)†	1. Total	Rs. 11,240
	2. Capital	Rs. 5,000
	3. Revenue	Rs. 7,240

(Thousand Rs.)

No. of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in Col. 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally Sponsored schemes	Total (Cols 3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
	<b>(a) STATE SECTOR SCHEMES</b>									
PAN-1	Financial assistance to Panchayats for expenditure on revenue earning schemes ..	5,135	5,000	..	..	..	..	..	..	5,135
PAN-2	Construction of State Panchayat Bhavan at Chandigarh ..	275	..	..	961	..	..	..	..	1,236
PAN-3	Construction of Offices of Panchayat Samitis ..	3,000	..	..	..	..	..	..	..	3,000
	<b>(b) CENTRALLY SPONSORED SCHEMES</b>									
*PAN-4	Training of Panchayat Secretaries ..	900	..	..	250	..	..	..	750	1,900
*PAN-5	Panchayati Raj Training Centres (District Institutes) ..	1,050	..	..	..	..	..	..	1,130	2,180
*PAN-6	Production of literature for Panchayati Raj functionaries ..	130	..	..	..	..	..	..	130	260
*PAN-7	Training Reserve ..	650	..	..	..	..	..	..	650	1,300
*PAN-8	Holding of Sammelans for non-officials ..	100	..	..	..	..	..	..	100	200
	Total for the sub-head ..	11,240	5,000	..	1,211	..	..	..	2,760	15,211

\*Centrally Sponsored Schemes.

†Includes only the State share in the case of Centrally sponsored schemes.

**SUB-HEAD No. 10—PANCHAYATS (CONTD)**

**DETAILED STATEMENT—II**

**(BREAK UP OF FINANCIAL OUTLAY)**

(Thousands Rs.)

BREAK-UP OF THE FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS											
No. of Scheme	Name of Scheme	Financial provision	-----								Total
			Staff	Material and Building	Land	Equipment and machinery	Loan	Subsidy or grant-in-aid	Others		
1	2	3	4	5	6	7	8	9	10	11	
PAN-1	Financial assistance to Panchayats for expenditure on revenue earning schemes	.. 5,135	135	..	..	..	5,000	..	..	5,134	
PAN-2	Construction of Panchayat Bhavan at Chandigarh	.. 1,236	30	815	15	376	..	..	..	1,236	
PAN-3	Construction of offices of Panchayat Samitis	.. 3,000	..	..	..	..	..	3,000	..	3,000	
*PAN-4	Training of Panchayat Secretaries	.. 1,900	1,625	..	..	..	..	275	..	1,900	
*PAN-5	Panchayati Raj Training Centres (District Institutes)	.. 2,180	..	..	..	..	..	2,180	..	2,180	
*PAN-6	Production of literature for Panchayati Raj functionaries	.. 260	..	..	..	..	..	..	260	260	
*PAN-7	Training Reserve	.. 1,300	1,300	..	..	..	..	..	..	1,300	
*PAN-8	Sammelans for non-officials	.. 200	..	..	..	..	..	..	200	200	
	<b>Total</b>	.. 15,211	3,090	815	15	376	5,000	5,455	460	15,211.	

\*Centrally Sponsored Schemes.

**SUB-HEAD No. 10—PANCHAYATS (CONTD)**  
**DETAILED STATEMENT III—(EMPLOYMENT POTENTIAL)**  
**Direct Employment to be provided in Man Years**

No. of Scheme	Name of Scheme	Admn. and Clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including Class IV employees	Total
			Degree Level	Diploma or Certificate level			
1	2	3	4	5	6	7	8
PAN-1	Financial assistance to Panchayats for expenditure on revenue earning schemes	35	..	..	..	5	40
PAN-2	Construction of State Panchayat Bhavan at Chandigarh	10	..	..	..	10	20
*PAN-4	Training of Panchayat Secretaries	105	..	..	..	40	145
*PAN-5	Panchayati Raj Training Centres (District Institutes)	172	..	..	..	86	258
*PAN-7	Training Reserve	255	..	60	..	..	315
Grand Total		577	..	60	..	141	778

*Note.*—(1) Man year means one person employed for one year.

(2) If a person is likely to continue in employment for five years, 5 man years have been counted.

\*Centrally-Sponsored Schemes.

## SUB-HEAD No. 10—PANCHAYATS (CONTD)

## DETAILED STATEMENT IV

(PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1956)	Likely position at the end of the Third Plan (on 31st March, 1966)
1	2	3	4	5	6
PAN-1	Financial assistance to Panchayats for expenditure on revenue earning schemes—				
	(a) Number of Panchayats to benefit ..	No.	906	900	1,806
	(b) Amount of loan to be advanced ..	(000) Rs	5,904	5,000	10,504
PAN-3	Construction of Offices of Panchayat Samitis	No.	120	..	120
				Extension work on 120 Office buildings constructed by the end of 2nd Plan will be taken up during the 3rd Plan	
*PAN-4	Training of Panchayat Secretaries	No.	..	3	3
*PAN-5	Panchayati Raj Training Centres (District Institutes)	No.	..	16	16
*PAN-7	Training Reserve	.. No.	..	63	63
*PAN-8	Holding of Sammelans for non-officials	.. No.	..	5	5

\*Centrally Sponsored Schemes.

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**11. RESETTLEMENT OF LANDLESS  
AGRICULTURAL WORKERS**

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**SUB HEAD No. 11--RESETTLEMENT OF LANDLESS AGRICULTURAL WORKERS**

**DETAILED STATEMENT I**

(FINANCIAL OUTLAY)

Third Plan provision (net)† ..	1. Total ..	10000
	2. Capital ..	7400
	3. Revenue ..	2600

(Thousand Rs.)

No. of Scheme	Name of scheme	COST NET†		Foreign Exchange involved in Col. 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally-sponsored Schemes	Total Cols. 3+6+9+10
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
RES-1	Resettlement of landless agricultural workers ..	8500	6500	..	..	..	..	..	..	8500
RES-2	Settlement of Harijans, etc. ..	1500	900	..	..	..	..	..	..	1500
	<b>Total</b> ..	<b>10000</b>	<b>7400</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>10000</b>

†Includes only the State share in the case of Centrally-sponsored Schemes.



**SUB-HEAD No. 11—RESETTLEMENT OF LANDLESS AGRICULTURAL WORKERS**

**DETAILED STATEMENT II**

(BREAK UP OF FINANCIAL OUTLAY)

(Thousand Rs.)

No. of Scheme	Name of Scheme	BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS									Total
		Financial Provision	Staff	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others		
1	2	3	4	5	6	7	8	9	10	11	
RES-1	Resettlement of landless agricultural workers	..	8500	..	..	..	..	6500	2000	..	8500
RES-2	Settlement of Harijans, etc.	..	1500	600	..	..	..	900	..	..	1500
	<b>Total</b>	..	<b>10000</b>	<b>600</b>	..	..	..	<b>7400</b>	<b>2000</b>	..	<b>10000</b>

**SUB-HEAD No. 11—RESETTLEMENT OF LANDLESS AGRICULTURAL WORKERS**  
**DETAILED STATEMENT III**

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in Man Years

No. of Scheme	Name of Scheme	Adminis- trative and clerical	TECHNICAL		Skilled workers not in- cluded under columns 4 and 5	Others including Class IV employees	Total
			Degree level	Diploma or Certificate level			
1	2	3	4	5	6	7	8
RES-2	Settlement of Harijans, etc.	38	..	..	45	9	92

*Note.*—(1) Man Year means one person employed for one year.

(2) If a person is likely to continue in employment for five years, 5 man years have been counted.

## SUB-HEAD No. 11—RESETTLEMENT OF LANDLESS AGRICULTURAL WORKERS

## DETAILED STATEMENT IV

(PHYSICAL TARGETS)

No. of Scheme	Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third (April 1961 to March, 1966)	Likely position at the end of the Third Plan (no 31st March, 1966)
1	2	3	4	5	6
RES-1	Resettlement of landless agricultural workers	One man (family) as one unit	..	40,000	40,000
RES-2	Settlement of Harijans, etc.	One person (family) as one unit	..	12,500	12,500

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## **12. MULTIPURPOSE PROJECTS**

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**SUB-HEAD No. 12—MULTIPURPOSE PROJECTS**  
**DETAILED STATEMENT—I**  
**(FINANCIAL OUTLAY)**

Third Plan Provision (Net)†—

1. Total—509600.
2. Capital—509600.
3. Revenue— ..

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET†		Foreign exchange involved in column 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally-sponsored schemes	Total Columns (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
<i>I. Irrigation Portion</i>										
MTP-1	Bhakra-Nangal Project—									
	(a) Construction of Bhakra Dam	29100	29100	6330	..	..	..	..	..	29100
	(b) Bhakra Canals and Nangal Channel	6300	6300	..	..	106980	..	..	..	6300
	Total	35400	35400	6330	..	106980	..	..	..	35400
MTP-2	Beas Project—									
	(a) Beas-Sutlej Link (Unit I)	50000	50000	28000	..	..	..	..	..	50000
	(b) Dam at Pong on river Beas (Unit II)	70000	70000	36800	..	..	..	..	..	70000
	Total	120000	120000	64800	..	..	..	..	..	120000
	Total Irrigation Portion (I)	155400	155400	71130	..	106980	..	..	..	155400
<i>II. Electricity Portion</i>										
MTP-3	Bhakra-Nangal Left Bank Power Project	71800	71800	26400	..	..	..	..	..	71800
MTP-4	Bhakra-Nangal Right Bank Power Project	187400	187400	68600	..	..	..	..	..	187400
MTP-5	Beas Project—									
	(a) Dehar Power House (Unit I)	80000	80000	47200	..	..	..	..	..	80000
	(b) Pong Power House (Unit II)	10000	10000	..	..	..	..	..	..	10000
*MTP-6	Investigation of New Projects	5000	5000	..	..	..	..	..	..	5000
	Total Electricity Portion (II)	354200	354200	142200	..	..	..	..	..	354200
	GRAND TOTAL (I and II)	509600	509600	213330	..	106980	..	..	..	509600

†Includes only the State share in the case of Centrally-sponsored schemes.

**SUB-HEAD No. 12— MULTIPURPOSE PROJECTS**

**DETAILED STATEMENT—I**

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rs)

BREAK-UP OF FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS

No. of Scheme	Name of Scheme	Financial Provision	Staff	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	Total
1	2		4	5	6	7	8	9	10	11
MTP-1	Bhakra-Nangal Project—									
	(a) Construction of Bhakra Dam ..	29100	8400	212	992	..	..	..	19496	29100
	(b) Bhakra Canals and Nangal Hydel Channel ..	6300	800	1100	200	200	..	..	5000	6300
MTP-2	Beas Project—									
	(a) Beas-Sutlej Link (Unit No. I) ..	50000	7700	9100	2800	30400	..	..	..	50000
	(b) Dam at Pong on river Beas (Unit No. II) ..	70000	10900	28400	9600	21100	..	..	..	70000
MTP-3	Bhakra-Nangal Left Bank Power Project	71800	5000	9890	150	55060	..	..	1700	71800
MTP-4	Bhakra-Nangal Right Bank Power Project	187400	8500	91442	3897	78561	..	..	5000	187400
MTP-5	Beas Project—									
	(a) Dehar Power House (Unit No. I) ..	80000	4500	30000	2000	50000	..	..	3500	90000
	(b) Pong Power House (Unit No. II) ..	10000								
MTP-6	Investigation of New Projects	5000	4000	..	..	1000	..	..	..	5000
	<b>Total</b>	509600	49800	169144	19639	236321	..	..	34696	509600

## SUB-HEAD No. 12—MULTIPURPOSE PROJECTS

## DETAILED STATEMENT—III

(EMPLOYMENT POTENTIAL)

Direct employment to be provided in Man-years

No. of Scheme	Name of Scheme	Adminis- tration and clerical	TECHNICAL			Skilled workers not in- cluded under columns 4 and 5	Others including Class IV employees	Total
			Degree level	Diploma or Cer- tificate level				
1	2	3	4	5	6	7	8	
MTP-1	Bhakra-Nangal Project—							
	(a) Construction of Bhakra Dam	No employment as the staff already employed is being retrenched.						
	Bhakra Canals and Nangal Hydel Channel	84	5	111	304	1072	1576	
MTP-2	Beas Project—							
	(a) Beas Sutlej Link (Unit No. I)	10143	1653	2255	10075	27190	51316	
	(b) Dam at Pong on river Beas (Unit No. II)	8662	1382	2115	4075	40190	56424	
MTP-3	Bhakra-Nangal Left Bank Power Project	429	45	354	445	826	2099	
MTP-4	Bhakra-Nangal Right Bank Power Project	264	72	252	842	1928	3358	
MTP-5	Beas Project—							
	(a) Dehar Power House (Unit No. I)	}	Included in Scheme No. 2 (a) and (b) above.					
	(b) Pong Power House (Unit No. II)							
MTP-6	Investigation of New Projects	30	10	30	10	100	180	
	Total	19612	3167	5117	15751	71306	114953	

Note :—(1) Man-year means one person employed for one year.

(2) If a person is likely to continue for five years, five man-years have been counted.



## SUB-HEAD No. 12—MULTIPURPOSE PROJECTS

## DETAILED STATEMENT—IV

(PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)
1	2	3	4	5	6
MTP-1(a)	Construction of Bhakra Dam—				
	(i) Excavation work	.. Million cubic feet	9.46	0.78	10.24
	(ii) Concreting work	.. Ditto	4.79	0.59	5.38
	(iii) Drilling	.. Rft. ..	1552400	797600	2350000
	(v) Culverts and Bridges	.. No. ..	98	40	138
	(v) Grouting	.. Lft. ..	1483500	761500	2245000
	(vi) Cooling pipes	.. Do	4842000	491000	5333000
	(vii) Cast Iron Fillings	.. Lbs. ..	2731000	461000	3192000
MTP-1(b)	Bhakra Canals and Nangal Hydel Canal—				
	Additional irrigation	... '000' acres	1818	1216**	3034
MTP-3 to 6	(Power Schemes)—				
	(1) Power Houses	.. Nos.	3	1	4
	(2) Installed capacity	.. 000 K.W.	276	569	845
	(3) Transmission lines	.. Circuit miles	1090	885	1975
	(4) Grid Substations	.. No.	22	15	37

\*\*It includes 432 thousand acres which could not be achieved during the Second Plan.

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## **13. MAJOR AND MEDIUM IRRIGATION**

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**SUB-HEAD No. 13—MAJOR AND MEDIUM IRRIGATION**

**DETAILED STATEMENT—I**

(FINANCIAL OUTLAY)

Third Plan Provision (Net)‡—

1. Total— 65000.
2. Capital—65000.
3. Revenue— ..

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET‡		Foreign exchange involved in column 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally-sponsored schemes	Total Columns (3+6+9+10)
		Total	Capital				Included in net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
<b>I—MAJOR IRRIGATION PROJECTS</b>										
<i>Spillover</i>										
IRR-1	Sirhind Feeder Project ..	1000	1000	..	..	..	..	..	..	1000
IRR-2	Western Jumna Canal Remodelling and Extension Projects—									
	(a) Gurgaon Canal Project ..	15000	15000	2800	..	..	..	..	..	15000
	(b) Western Jumna Canal Remodelling Project ..	15000	15000	..	..	919	..	..	..	15000
	(c) Western Jumna Canal Feeder Project ..	15500	15500	..	..	18941	..	..	..	15500
	(d) Extension of Irrigation (Lift) from Western Jumna Canal to Rewari and adjacent areas ..	5000	5000	..	..	..	..	..	..	5000
	<b>Total ..</b>	<b>51500</b>	<b>51500</b>	<b>2800</b>	<b>..</b>	<b>19860</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>51500</b>

‡Includes only the State share in the case of Centrally-sponsored schemes.

**SUB-HEAD No. 13—MAJOR AND MEDIUM IRRIGATION**

**DETAILED STATEMENT—I—CONCLD**

(FINANCIAL OUTLAY)

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET‡		Foreign exchange involved in column 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally-sponsored schemes	Total Columns (3+6+9+10)
		Total	Capital				Included in net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
<b>II—MEDIUM IRRIGATION PROJECTS</b>										
<i>(a) Spillover</i>										
IRR-3	Madhopur-Beas Link	1000	1000	..	..	..	..	..	..	1000
IRR-4	Extension of non-perennial irrigation to new areas on Upper Bari Doab Canal	2000	2000	..	..	658	..	..	..	2000
IRR-5	Spillover Projects	500	500	..	..	3976	..	..	..	500
	Total II(a)	3500	3500	..	..	4634	..	..	..	3500
<i>(b) New Schemes</i>										
IRR-6	Investigation, Planning and Research—									
	(a) Investigation of Project	3000	3000	..	..	..	..	..	..	3000
	(b) Planning Cell in Head Office	500	500	..	..	..	..	..	..	500
	(c) Research Schemes	2000	2000	..	..	..	..	..	..	2000

<b>IRR-7</b>	Utilisation of Sutlej Water released by the construction of Sirhind Feeder	..	3000	3000	..	..	5100	..	..	..	3000
<b>IRR-8</b>	Remodelling of Harike Headworks	..	1500	1500	..	..	..	..	..	..	1500
	<b>Total II(b)</b>	..	<b>10000</b>	<b>10000</b>	..	..	<b>5100</b>	..	..	..	<b>10000</b>
	<b>Total II (a) and (b)</b>	..	<b>13500</b>	<b>13500</b>	..	..	<b>9734</b>	..	..	..	<b>13500</b>
	<b>Grand Total I and II</b>	..	<b>65000</b>	<b>65000</b>	<b>2800</b>	..	<b>29594</b>	..	..	..	<b>65000</b>

‡Includes only the State share in the case of Centrally-sponsored schemes.

**SUB-HEAD No. 13—MAJOR AND MEDIUM IRRIGATION**

**DETAILED STATEMENT—II**

**(BREAK-UP OF FINANCIAL OUTLAY)**

(Thousand Rs)

BREAK-UP OF FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS

No. of Scheme	Name of Scheme	Financial Provision	BREAK-UP OF FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS								
			Staff	Material and building	Land	Equipment and machinery	Loan	Subsidy or grant-in-aid	Others	Total	
1	2	3	4	5	6	7	8	9	10	11	
<b>I—MAJOR IRRIGATION PROJECTS</b>											
<i>Spillover</i>											
IRR-1	Srihind Feeder Project	..	1000	520	..	..	480	..	..	..	1000
IRR-2	Western Jumna Canal Remodelling and Extension Projects—										
	(a) Gurgaon Canal Project	..	15000	1400	8200	1800	400	..	..	3200	15000
	(b) Western Jumna Canal Remodelling Project	..	15000	1400	6500	1200	900	..	..	5000	15000
	(c) Western Jumna Canal Feeder Project	..	15500	1400	7800	900	600	..	..	4800	15500
	(d) Extension of (lift) irrigation from Western Jumna Canal to Rewari and adjacent areas	..	5000	1300	200	440	100	..	..	2960	5000
	<b>Total</b>	..	51500	6020	22700	4340	2480	..	..	15960	51500

## II—MEDIUM IRRIGATION PROJECT

### (a) Spillover

IRR-3	Madhopur-Beas Link	..	1000	177	..	..	500	..	..	323	1000
IRR-4	Extension of non-perennial irrigation to new areas on Upper Bari Doab Canal	..	2000	320	100	300	100	..	..	1180	2000
IRR-5	Spillover Projects	..	500	20	20	..	10	..	..	450	500
Total II (a)		..	3500	517	120	300	610	..	..	1953	3500

### (b) New Schemes

IRR-6	Investigation, Planning and Research—										
	(a) Investigation of Projects	..	3000	2000	..	..	..	..	..	1000	3000
	(b) Planning Cell in Head Office	..	500	500	..	..	..	..	..	..	500
	(c) Research Scheme	..	2000	1600	..	..	50	..	..	350	2000
IRR-7	Utilisation of Sutlej Waters released by construction of Sirhind Feeder	..	3000	..	..	200	100	..	..	2700	3000
IRR-8	Remodelling of Harike Headworks	..	1500	140	..	..	..	..	..	1360	1500
Total II (b)		..	10000	4240	..	200	150	..	..	5410	10000
Total II (a) and (b)		..	13500	4757	120	500	760	..	..	7363	13500
GRAND TOTAL		..	65000	10777	22820	4840	3240	..	..	23323	65000



## SUB-HEAD No. 13—MAJOR AND MEDIUM IRRIGATION

## DETAILED STATEMENT—III

(EMPLOYMENT POTENTIAL)

Direct employment to be provided in Man-years

No. of Scheme	Name of Scheme	Adminis- tration and clerical	TECHNICAL		Skilled workers not inclu- ded under columns 4 and 5	Others including Class IV employees	Total
			Degree level	Diploma or Certi- ficate level			
1	2	3	4	5	6	7	8
<i>I—Major Irrigation Projects</i>							
IRR-1	Sirhind Feeder Project ..	60	6	51	18	93	228
IRR-2	W.J.C. Remodelling and Extension Projects—						
	(a) Gurgaon Canal Project ..	356	40	407	1550	4980	7333
	(b) W.J.C. Remodelling Project ..	473	42	427	962	3241	5145
	(c) W.J.C. Feeder Project ..	531	39	369	1567	5016	7522
	(d) Extension of (lift) Irrigation from W.J.C. to Rewari and adjacent areas ..	140	15	150	294	1000	1599
<i>II—Medium Irrigation Projects</i>							
IRR-3	Madhopur Beas-Link ..	16	3	25	24	96	164
IRR-4	Extension of non-perennial irrigation to areas on U.B.D.C. ..	20	3	32	82	246	383
IRR-5	Spillover Projects ..	2	..	4	2	18	26
IRR-6	Investigation, Planning and Research—						
	(a) Investigation of Projects	216	23	227	129	575	1170
	(b) Planning Cell ..	60	..	15	..	10	85
	(c) Research Schemes ..	68	43	172	300	657	1240
IRR-7	Utilisation of Sutlej water released by construction of Sirhind Feeder	This work will be taken up by the staff already employed for Bhakra Canals.					
IRR-8	Remodelling of Harike Head-works ..	12	2	1	103	327	445
Total ..		1954	216	1880	5031	16259	25340

Notes.—(1) Man-year means one person employed for one year.

(2) If a person is likely to continue in employment for 5 years, 5 man-years have been counted.

## SUB-HEAD No. 13—MAJOR AND MEDIUM IRRIGATION

## DETAILED STATEMENT—IV

(PHYSICAL TARGETS)

No. of Scheme	Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of Third Plan (on 31st March, 1966)
1	2	3	4	5	6
I—MAJOR IRRIGATION PROJECTS					
IRR-2	W.J.C. Remodelling and Extension Projects—				
	(a) Gurgaon Canal Project	.. '000' acres	..	52.81	52.81
	(b) W.J.C. Remodelling Project	.. '000' acres	311	244.00**	555.00
	(c) Extension of Irrigation (Lift) from W.J.C. to Rewari and adjacent areas	'000' acres	..	32.47	32.47
II—MEDIUM IRRIGATION PROJECTS					
IRR-4	Extension of non-perennial irrigation to new areas on U.B.D.C.	to '000' acres	3.00	24.32	27.32
IRR-5	Spillover Projects	.. '000' acres	123.00	..	123.00
IRR-7	Utilization of Sutlej water released by the construction of Sirhind Feeder	Ditto	..	200.00	200.00
Total			437.00	553.60	990.60

\*\*Includes Second Plan shortfall of 43,000 acres, which will be made good during the Third Plan.



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**14. ANTI-WATERLOGGING, DRAINAGE  
AND FLOOD CONTROL**

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**SUB-HEAD No. 14—ANTI-WATERLOGGING, DRAINAGE AND FLOOD CONTROL**

**DETAILED STATEMENT—I**

(FINANCIAL OUTLAY)

Third Plan Provision (Net)‡ { 1. Total—150100  
2. Capital—150100  
3. Revenue— ..

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET‡		Foreign exchange involved in col. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally-sponsored schemes	Total Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
AWF-1	Flood protection works in U.B.D.C. tract (Spillover)	1398	1398	..	..	..	..	..	..	1398
AWF-2	Flood protection works in U.B.D.C. tract (New)	2304	2304	1000	..	..	..	..	..	2304
AWF-3	Flood protection works in Bist Doab tract (Spillover)	1256	1256	..	..	..	..	..	..	1256
AWF-4	Flood protection works in Bist Doab tract (New)	1280	1280	1000	..	..	..	..	..	1280
AWF-5	Flood protection works in Ferozepur and Sirhind Canal tract (Spillover)	230	230	..	..	..	..	..	..	230
AWF-6	Flood protection works in Ferozepur and Sirhind Canal tract (New)	1000	1000	500	..	..	..	..	..	1000
AWF-7	Flood protection works in Ghaggar tract (Spillover)	155	155	..	..	..	..	..	..	155
AWF-8	Flood protection works in Ghaggar tract (New)	100	100	Included in AWF-22	..	..	..	..	..	100

‡ Includes only the State share in the case of Centrally-sponsored schemes.

**SUB-HEAD No. 14—ANTI-WATERLOGGING, DRAINAGE AND FLOOD CONTROL**

**DETAILED STATEMENT—I—CONTD**

(FINANCIAL OUTLAY)

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET‡		Foreign exchange involved in column 3	Public contribution	Income. if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally-sponsored schemes	Total Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
AWF-9	Flood protection works in W.J.C. tract (Spillover)	194	194	..	..	..	..	..	..	194
AWF-10	Flood protection works for villages in U.B.D.C. tract (New)	500	500	Included in AWF-2	..	..	..	..	..	500
AWF-11	Flood protection works for villages in Bist Doab tract (New)	500	500	Included in AWF-4	..	..	..	..	..	500
AWF-12	Flood protection works for villages in Ferozpur and Sirhind canal tract (New)	500	500	Included in AWF-6	..	..	..	..	..	500
AWF-13	Flood protection works for villages in Ghaggar tract (New)	500	500	Included in AWF-22	..	..	..	..	..	500
AWF-14	Flood protection works for villages in W.J.C. tract (New)	250	250	..	..	..	..	..	..	250
AWF-15	Surface drains in U.B.D.C. tract (Spillover)	11896	11896	..	..	..	..	..	..	11896

AWF-16	Surface drains in U.B.D.C. tract (New) ..	5396	5396	Included in AWF-2	..	..	..	..	..	5396
AWF-17	Surface drains in Bist Doab tract (Spillover)	529	529	..	..	..	..	..	..	529
AWF-18	Surface drains in Bist Doab tract (New) ..	5304	5304	Included in AWF-4	..	..	..	..	..	5304
AWF-19	Surface drains in Ferozepur and Sirhind Canal tract (Spillover)	13109	13109	..	..	..	..	..	..	13109
AWF-20	Surface drains in Ferozepur and Sirhind Canal tract (New)	9947	9947	Included in AWF-6	..	..	..	..	..	9947
AWF-21	Surface drains in Ghaggar tract (Spillover)	6278	6278	..	..	..	..	..	..	6278
AWF-22	Surface drains in Ghaggar tract (New) ..	11548	11548	1500	..	..	..	..	..	11548
AWF-23	Surface drains in Western Jumna Canal tract (Spillover)	4400	4400	..	..	..	..	..	..	4400
AWF-24	Surface drains in W.J.C. tract (New) ..	13509	13509	1000	..	..	..	..	..	13509
AWF-25	Tributary drains in U.B.D.C. tract (Spillover)	2915	2915	..	..	..	..	..	..	2915
AWF-26	Tributary drains in U.B.D.C. tract (New)	450	450	Included in AWF-2	..	..	..	..	..	450
AWF-27	Tributary drains in Bist Doab tract (New)	600	600	Included in AWF-4	..	..	..	..	..	600
AWF-28	Tributary drains in Ferozepur and Sirhind Canal tract (New)	750	750	Included in AWF-6	..	..	..	..	..	750
AWF-29	Tributary drains in Ghaggar tract (New)	600	600	Included in AWF-22	..	..	..	..	..	600

†Includes only the State share in the case of Centrally-sponsored schemes.



**SUB-HEAD No. 14—ANTI-WATERLOGGING, DRAINAGE AND FLOOD CONTROL**

**DETAILED STATEMENT—I—CONCLD**

(FINANCIAL OUTLAY)

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET†		Foreign exchange involved in col. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally-sponsored schemes	Total Cols.(3+6+9+ 10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
AWF-30	Tributary drains in W.J.C. tract (New) ..	1215	1215	Included in AWF-24	..	..	..	..	..	1215
AWF-31	Bed clearance and reconditioning of drains in U.B.D.C. tract (New)	951	951	Included in AWF-2	..	..	..	..	..	951
AWF-32	Enlarging capacity of drains in Bist Doab tract (New)	433	433	Included in AWF-4	..	..	..	..	..	433
AWF-33	Enlarging capacity of drains in Ferozepur and Sirhind Canal tract (New)	938	938	Included in AWF-6	..	..	..	..	..	938
AWF-34	Enlarging capacity of drains in Ghaggar tract (New)	992	992	Included in AWF-22	..	..	..	..	..	992
AWF-35	Enlarging capacity of drains in W.J.C. tract (New)	4760	4760	Included in AWF-24	..	..	..	..	..	4760
AWF-36	Controlling and training chos and nalas in Bist Doab tract (Spillover)	817	817	..	..	..	..	..	..	817
AWF-37	Controlling and training chos and nalas in Bist Doab tract (New)	4164	4164	Included in AWF-4	..	..	..	..	..	4164

AWF-38	Controlling and training chos and nalas in Ghaggar tract (New)	1482	1482	Included in AWF-22	..	..	..	..	..	1482
AWF-39	Investigation of drainage schemes (New) ..	1500	1500	..	..	..	..	..	..	1500
AWF-40	Research and observation by D.I.P.R. (New)	1150	1150	..	..	..	..	..	..	1150
AWF-41	Investigation of anti-waterlogging schemes (New)	1000	1000	..	..	..	..	..	..	1000
AWF-42	Construction of Ghaggar Dam (New)	5000	5000	..	..	..	..	..	..	5000
AWF-43	Pilot anti-waterlogging, seepage-cum-pumping schemes (New)	12200	12200	1000	..	..	..	..	..	12200
AWF-44	Seepage drains in waterlogged areas (New)	5000	5000	500	..	..	..	..	..	5000
AWF-45	Lining of main canals and branches (New)	10600	10600	..	..	..	..	..	..	10600
AWF-46	Deep discharge tube-wells in waterlogged areas (New)	500	500	..	..	..	..	..	..	500
GRAND TOTAL		.. 150100	150100	6500	..	..	..	..	..	150100

‡Includes only the State Share in the case of Centrally-sponsored Schemes.

**SUB-HEAD No. 14—ANTI-WATERLOGGING, DRAINAGE AND FLOOD CONTROL**

**DETAILED STATEMENT—II**

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand rupees)]]

No. of Scheme	Name of Scheme	Financial Provision	BREAK-UP OF FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS							Total
			Staff	Material and building	Land	Equipment and machinery	Loan	Subsidy or grant- in-aid	Others	
			4	5	6	7	8	9	10	
1	2	3	4	5	6	7	8	9	10	11
AWF-1	Flood protection works in U.B.D.C. tract (Spillover) ..	1398	161	112	98	..	..	..	1027	1398
AWF-2	Flood protection works in U.B.D.C. tract (New) ..	2304	265	..	69	240	..	..	1730	2304
AWF-3	Flood protection works in Bist Doab tract (Spillover) ..	1256	144	..	880	..	..	..	1024	1256
AWF-4	Flood protection works in Bist Doab tract (New) ..	1280	147	128	38	106	..	..	861	1280
AWF-5	Flood protection works in Ferozepur and Sirhind canal tract (Spillover) ..	230	26	18	16	..	..	..	170	230
AWF-6	Flood protection works in Ferozepur and Sirhind Canal tract (New) ..	1000	115	..	30	38	1000	..	817	1000
AWF-7	Flood protection works in Ghaggar tract (Spillover) ..	155	18	..	11	..	..	..	126	155
AWF-8	Flood protection works in Ghaggar tract (New) ..	100	12	50	3	10	..	..	25	100
AWF-9	Flood protection works in W.J.C. tract (Spillover) ..	194	22	..	14	..	..	..	758	194
AWF-10	Flood protection works for villages in U.B.D.C. tract (New) ..	500	58	..	15	52	..	..	375	500

AWF-11	Flood protection works for villages in Bist Doab tract (New)	..	500	58	..	15	41	..	..	386	500
AWF-12	Flood protection works for villages in Ferozepur and Sirhind Canal tract (New)	..	500	58	..	15	49	..	..	408	500
AWF-13	Flood protection works for villages in Ghaggar tract (New)	..	500	58	..	15	49	..	..	378	500
AWF-14	Flood protection works for villages in W.J.C. tract (New)	..	250	29	..	8	15	..	..	198	250
AWF-15	Surface drains in U.B.D.C. tract (Spillover)	..	11896	1368	2855	4996	..	..	..	2677	11896
AWF-16	Surface drains in U.D.B.C. tract (New)	..	5396	621	1565	378	562	..	..	2270	5396
AWF-17	Surface drains in Bist Doab tract (Spillover)	..	529	61	127	222	..	..	..	119	529
AWF-18	Surface drains in Bist Doab tract (New)	..	5304	610	1538	371	431	..	..	2354	5304
AWF-19	Surface drains in Ferozepur and Sirhind Canal tract (Spillover)	..	13109	1505	3146	5506	..	..	..	2952	13109
AWF-20	Surface drains in Ferozepur and Sirhind Canal tract (New)	..	9947	1144	2885	696	380	..	..	4842	9947
AWF-21	Surface drains in Ghaggar tract (Spillover)	..	6278	722	1507	2636	..	..	..	1413	6278
AWF-22	Surface drains in Ghaggar tract (New)	..	11548	1328	3349	808	1135	..	..	4928	11548
AWF-23	Surface drains in W.J.C. tract (Spillover)	..	4400	506	1056	1848	..	..	..	990	4400
AWF-24	Surface drains in W.J.C. tract (New)	..	13509	1554	3918	946	682	..	..	6409	13509
AWF-25	Tributary drains in U.B.D.C. tract (Spillover)	..	2915	335	700	1224	..	..	..	656	2915
AWF-26	Tributary drains in U.B.D.C. tract (New)	..	450	52	131	32	42	..	..	193	450
AWF-27	Tributary drains in Bist Doab tract (New)	..	600	69	174	42	48	..	..	267	600
AWF-28	Tributary drains in Ferozepur and Sirhind Canal tract (New)	..	750	86	218	53	29	..	..	364	750
AWF-29	Tributary drains in Ghaggar tract (New)	..	600	69	174	42	59	..	..	256	600
AWF-30	Tributary drains in W.J.C. tract (New)	..	1215	140	352	85	61	..	..	577	1215

**SUB-HEAD No. 14—ANTI-WATER LOGGING, DRAINAGE AND FLOOD CONTROL**

**DETAILED STATEMENT—II**

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rupees)

No. of Scheme	Name of Scheme	Financial provision	BREAK-UP OF FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS								Total
			Staff	Material and Building	Land	Equip-ment and Machinery	Loan	Subsidy or grant-in-aid	Others		
			4	5	6	7	8	9	10		
1	2	3	4	5	6	7	8	9	10	11	
AWF-31	Bed clearance and reconditioning of drains in U.B.D.C. tract (New) ..	951	109	86	181	104	..	..	471	951	
AWF-32	Enlarging capacity of drains in Bist Doab tract (New) ..	433	50	39	82	33	..	..	229	433	
AWF-33	Enlarging capacity of drains in Ferozepur and Sirhind canal tract (New) ..	938	108	184	178	34	..	..	534	938	
AWF-34	Enlarging capacity of drains in Ghaggar tract (New) ..	992	114	89	188	99	..	..	502	992	
AWF-35	Enlarging capacity of drains in W.J.C. tract (New) ..	4760	547	428	904	242	..	..	2639	4760	
AWF-36	Controlling and training of chos and nalas in Bist Doab tract (Spill-over) ..	817	94	266	299	..	..	..	158	817	
AWF-37	Controlling and training of chos and nalas in Bist Doab tract (New) ..	4164	479	458	416	341	..	..	2470	4164	
AWF-38	Controlling and training of chos and nalas in Ghaggar tract (New) ..	1482	170	163	148	148	..	..	853	1482	
AWF-39	Investigation of drainage schemes (New)	1500	173	..	..	..	..	..	1327	1500	
AWF-40	Research and Observation by D.I.P.R. (New) ..	1150	132	..	..	..	..	..	1018	1150	
AWF-41	Investigation of anti-waterlogging schemes (New) ..	1000	115	..	..	..	..	..	885	1000	
AWF-42	Construction of Ghaggar Dam (New) ..	5000	575	..	..	..	..	..	4425	5000	

AWF-43	Pilot anti-waterlogging, seepage-cum pumping schemes (Spill-over)	..	12200	1403	4880	854	1000	..	..	4063	12200
AWF-44	Seepage drains in waterlogged areas (New)	..	5000	575	..	..	500	..	..	3925	5000
AWF-45	Lining of main canals and branches (New)	..	10600	1219	6360	742	..	..	..	2279	10600
AWF-46	Deep discharge tube-wells in waterlogged areas (New)	..	500	58	..	..	..	..	..	442	500
GRAND TOTAL		..	150100	17262	36856	24312	6500	..	..	65170	150100

## SUB-HEAD No. 14 -ANTI-WATERLOGGING, DRAINAGE AND FLOOD CONTROL

## DETAILED STATEMENT—III

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in Man-years

Number of Scheme	Name of scheme	Adminis- trative and clerical	TECHNICAL				Others including class IV employees	Total
			Degree level	Diploma or certificate level	Skilled workers not included under cols. 4 and 5			
1	2	3	4	5	6	7	8	
AWF-1	Flood protection works in U.B.D.C. tract (Spill-over) ..	39	4	25	28	1722	1818	
AWF-2	Flood protection works in U.B.D.C. tract (New) ..	63	6	41	46	2944	3100	
AWF-3	Flood protection works in Bist Doab tract (Spill-over) ..	34	3	22	25	1538	1622	
AWF-4	Flood protection works in Bist Doab tract (New) ..	35	3	22	26	1638	1724	
AWF-5	Flood protection works in Ferozepur and Sirhind Canal tract (Spill-over) ..	7	1	4	5	283	300	
AWF-6	Flood protection works in Ferozepur and Sirhind Canal tract (New) ..	28	3	18	20	1280	1349	
AWF-7	Flood protection works in Ghaggar tract (Spill-over) ..	4	..	3	3	191	201	
AWF-8	Flood protection works in Ghaggar tract (New) ..	3	..	2	2	128	135	
AWF-9	Flood protection works in W.J.C. tract (Spill-over) ..	6	..	3	4	239	252	
AWF-10	Flood protection works for villages in U.B.D.C. tract (New) ..	14	1	9	10	640	674	
AWF-11	Flood protection works for villages in Bist Doab tract (New) ..	14	1	9	10	640	674	
AWF-12	Flood protection works for villages in Ferozepur and Sirhind Canal tract (New) ..	14	1	9	10	640	674	
AWF-13	Flood protection works for villages in Ghaggar tract (New) ..	14	1	9	10	640	674	
AWF-14	Flood protection works for villages in W.J.C. tract (New) ..	8	1	4	5	320	338	
AWF-15	Surface drains in U.B.D.C. tract (Spill-over) ..	327	30	208	833	3332	4730	
AWF-16	Surface drains in U.B.D.C. tract (New) ..	149	14	95	432	5387	6077	

## SUB-HEAD No. 14—ANTI-WATER LOGGING, DRAINAGE AND FLOOD CONTROL

## DETAILED STATEMENT—III

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in Man-years

Number of Scheme	Name of scheme	TECHNICAL					Others including class IV employees	Total
		Adminis- trative and clerical	Degree level	Diploma or certifi- cate level	Skilled workers not includ- ed under cols. 4 and 5			
1	2	3	4	5	6	7	8	
AWF-17	Surface drains in Bist Doab tract (Spill-over) ..	15	1	9	37	148	210	
AWF-18	Surface drains in Bist Doab tract (New) ..	146	13	94	424	3975	4652	
AWF-19	Surface drains in Ferozepur and Sirhind canal tract (Spill-over) ..	359	33	230	918	3671	5211	
AWF-20	Surface drains in Ferozepur and Sirhind canal tract (New) ..	274	25	174	796	7463	8732	
AWF-21	Surface drains in Ghaggar tract (Spill-over) ..	173	16	110	440	1758	2497	
AWF-22	Surface drains in Ghaggar tract (New) ..	318	29	202	924	8663	10136	
AWF-23	Surface drains in Western Jumna Canal tract (Spill-over) ..	121	11	77	308	1232	1749	
AWF-24	Surface drains in W.J.C. tract (New) ..	371	34	236	1081	10133	11855	
AWF-25	Tributary drains in U.B.D.C. tract (Spill-over) ..	80	7	51	203	812	1153	
AWF-26	Tributary drains in U.B.D.C. tract (New) ..	13	1	8	36	338	396	
AWF-27	Tributary drains in Bist Doab tract (New) ..	17	2	11	48	450	528	
AWF-28	Tributary drains in Ferozepur and Sirhind canal tract (New) ..	20	2	11	60	563	656	
AWF-29	Tributary drains in Ghaggar tract (New) ..	17	2	11	48	450	528	
AWF-30	Tributary drains in W.J.C. tract (New) ..	33	3	21	97	911	1065	
AWF-31	Bed clearance and reconditioning of drains in U.B.D.C. tract (New) ..	26	2	17	38	931	1014	
AWF-32	Enlarging capacity of drains in Bist Doab tract (New) ..	12	1	8	17	426	462	
AWF-33	Enlarging capacity of drains in Ferozepur and Sirhind Canal tract (New) ..	26	2	17	38	921	1004	
AWF-34	Enlarging capacity of drains in Ghaggar tract (New) ..	27	2	17	40	970	1056	



Number of Scheme	Name of Scheme	Adminis- trative and clerical	TECHNICAL		Skilled workers not included under cols. 4 and 5	Others includ- ing class IV em- ployees	Total	
			Degree level	Diploma or certifi- cate level				
1	2	3	4	5	6	7	8	
AWF-35	Enlarging capacity of drains in W.J.C. tract (New) ..	131	12	83	190	4665	5081	
AWF-36	Controlling and training chos and Nalas in Bist Doab tract (Spill-over) ..	22	2	14	56	122	216	
AWF-37	Controlling and training of Chos and Nalas in Bist Doab tract (New) ..	114	10	73	166	4497	4860	
AWF-38	Controlling and training of chos and Nalas in Ghaggar tract (New) ..	41	4	9	59	1601	1714	
AWF-39	Investigation of drainage schemes (New) ..	41	4	26	..	..	71	
AWF-40	Research and observation by D.I.P.R. (New) ..	32	3	20	..	..	55	
AWF-41	Investigation of anti-waterlogging schemes (New) ..	28	3	18	..	..	49	
AWF-42	Construction of Ghaggar Dam (New) ..	138	13	88	100	6400	6739	
AWF-43	Pilot anti-waterlogging seepage-cum-pump- ing schemes (Spill-over) ..	336	31	214	1220	6466	8267	
AWF-44	Seepage drains in waterlogged areas (New)	138	13	88	200	3700	4139	
AWF-45	Lining of main canals and branches (New)	292	27	186	1060	5618	7183	
AWF-46	Deep discharge tube-wells in waterlogged areas (New) ..	14	1	9	250	25	299	
GRAND TOTAL		..	4134	378	2615	10323	98469	115919

Notes.— (1) Man-year means one person employed for one year.

(2) If a person is likely to continue in employment for five years, 5 man-years have been counted.

## SUB-HEAD No. 14—ANTI-WATERLOGGING, DRAINAGE AND FLOOD CONTROL

## DETAILED STATEMENT—IV

(PHYSICAL TARGET)

Serial No.	Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to the end of March, 1966)	Likely position at the end of the III Plan (on 31st March, 1966)
1	2	3	4	5	6
1	Investigation, Research and observations in connection with floods—				
	(i) Area covered ..	Thousand hectare	1900	1900	3800
2	Drainage improvement schemes—				
	(i) Area covered/benefited ..	Ditto	685	2240	2925
3	Anti-waterlogging-cum-pumping schemes—				
	(i) Pumping units ..	No.	6	288	294
	(ii) Area covered/benefited ..	Thousand hectare	..	290	290
4	Flood control schemes —				
	(i) Area protected against floods	Thousand acres	78.5	109	187.5
	(ii) Population benefited ..	Thousand persons	80	110	190



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**15. POWER PROJECTS**

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**SUB-HEAD No. 15—POWER PROJECTS**  
**DETAILED STATEMENT I**  
**(FINANCIAL OUTLAYS)**

Third Plan Provision (Net) ‡

- (1) Total.—322200.  
(2) Capital.—322200.  
(3) Revenue.—Nil.

(Thousand Rs)

Number of Scheme	Name of Scheme	COST NET‡					SHARE PROVIDED BY THE TECHNICAL COMMITTEE/ BOARD		Centre's share in case of centrally-sponsored schemes	Total columns 3, 6, 9 and 10
		Total	Capital	Foreign exchange included in column 3	Public contribution	Income if any	Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
<i>(a) Generation (Other than Multipurpose)</i>										
POW-1	Extension of Uhl River Hydro-Electric Scheme	47200	47200	10800	..	..	..	..	..	47200
POW-2	Power-houses on Upper Bari Doab Canal and Western Jumna Canal	55000	55000	9318	..	..	..	..	..	55000
POW-3	Diesel sets at important industrial towns in Punjab	10000	10000	5000	..	..	..	..	..	10000
POW-4	Faridabad Thermal Plant	15000	15000	10200	..	..	..	..	..	15000
POW-5	Delhi Thermal Plant (one-third share of Punjab)	50000	50000	38500	..	..	..	..	..	50000
<i>(b) Distribution</i>										
<i>(Spill-over Schemes)</i>										
POW-6	Bhakra-Nangal Distribution Project	114700	114700	4800	..	..	..	..	..	114700
POW-7	Uhl River Hydro-Electric Scheme	30300	30300	1200	..	..	..	..	..	30300
<b>Total</b>		<b>322200</b>	<b>322200</b>	<b>79818</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>322200</b>

‡Includes only the State share in the case of centrally-sponsored schemes.

**SUB-HEAD No. 15— POWER PROJECTS  
DETAILED STATEMENT II  
(BREAK-UP OF FINANCIAL OUTLAYS)**

(Thousands Rs)

BREAK-UP OF FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS										
No. of Scheme	Name of Scheme	Financial provision								Total
			Staff	Material and building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	
1	2	3	4	5	6	7	8	9	10	11
<i>(a) Generation (Other than Multipurpose)</i>										
POW-1	Extension of Uhl River Hydro-Electric Scheme	47200	2500	4185	616	39899	..	..	..	47200
POW-2	Power-houses on Upper Bari Doab Canal and Western Jumna Canal	55000	3000	2112	330	49558	..	..	..	55000
POW-3	Dieselsets at important industrial towns in Punja	10000	500	500	200	8800	..	..	..	10000
POW-4	Faridabad Thermal Plant	15000	200	2299	200	12301	..	..	..	15000
POW-5	Delhi Thermal Plant	50000	..	..	..	..	..	..	50000	50000
Board's share to be paid to Delhi Electric Supply Undertaking who are executing this Project										
<i>(b) Distribution</i>										
POW-6	Bhakra-Nangal Distribution Project	145000	11600	10600	650	122150	..	..	..	145000
POW-7	Uhl River Hydro-Electric Scheme									
<b>GRAND TOTAL</b>		322200	17800	19696	1996	232708	..	..	50000	322200

## SUB-HEAD No. 15—POWER PROJECTS

## DETAILED STATEMENT III

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in Man-Years

Number of Scheme	Name of Scheme	Adminis- trative and Clerical	TECHNICAL			Others including Class IV employees	Total
			Degree level	Diploma or certificate level	Skilled workers not included under cols. 4 and 5		
1	2	3	4	5	6	7	8
<b>(a) GENERATION (OTHER THAN MULTIPURPOSE)</b>							
POW-1	Extension of Uhl River Hydro-Electric Scheme	175	40	170	300	2000	2685
POW-2	Power-houses on Upper Bari Doab Canal and Western Jumna Canal	160	60	200	250	2500	3170
POW-3	Diesel sets at important industrial towns in Punjab	30	15	195	165	225	630
POW-4	Delhi Thermal Plant	The project will be executed through the Delhi Electric Supply Undertaking who will be recruiting the required personnel.					
POW-5	Faridabad Thermal Plant	5	5	12	50	30	102
<b>(b) DISTRIBUTION</b>							
POW-6	Bhakra-Nangal Distribution Project	3032	310	1536	2777	5838	13493
POW-7	Uhl River Hydro-Electric Scheme						
<b>GRAND TOTAL</b>		3402	430	2113	3542	10593	20080

Note. —(1) Man-year means one person employed for one year.

(2) If one person is likely to continue in employment for five years, 5 man-years have been counted.



## SUB-HEAD No. 15—POWER PROJECTS

## DETAILED STATEMENT IV

(PHYSICAL TARGETS)

Serial No.	Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)
1	2	3	4	5	6
1. Generation (Other than Multipurpose)					
	(i) Power-houses	.. Nos.	11	11	22
	(ii) Installed capacity	.. 000 kW.	10	150	160
2. Power Distribution Projects—					
	(i) 33 kV. Lines	.. Miles	1414	177	1591
	(ii) 11 kV. Lines	.. Miles	6511	2400	8911
	(iii) Distribution Lines	.. Miles	3994	1600	5594
	(iv) 33 kV. Substations	.. Nos.	74	22	96
	(v) Distribution Substations	.. Nos.	4094	2400	6494
	(vi) Towns/Villages electrified	.. Nos.	3016	1600†	4616
	(vii) Connected Load	.. kW.	380402	287366	667768

†A higher target of 4400 villages has been laid down subject to the availability of additional funds for rural electrification from Plan and Non-Plan resources.

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## **16, INDUSTRIES**

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**SUB-HEAD No. 16—INDUSTRIES**

**DETAILED STATEMENT I**

(FINANCIAL OUTLAY)

Third Plan provision (net)† .. { 1. Total:— Rs 144010  
2. Capital:— Rs 93562  
3. Revenue:—Rs 50448

( Thousand Rs )

No. of Scheme	Name of Scheme	Total	COST NET†	Foreign exchange involved in column 3	Public Contribution	Income, if any	SHARES PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of centrally-sponsored schemes	Total columns (3+6+9+10)
			Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
<b>SPILL-OVER SCHEMES</b>										
<b>I.—DEVELOPMENT OF MINES AND MINERALS IN THE PUNJAB</b>										
IND-1	Development of Mines and Minerals in the Punjab	.. 150	150	..	..	..	..	..	..	150
	Total	.. 150	150	..	..	..	..	..	..	150
<b>II.—SMALLS SCALE INDUSTRIES</b>										
IND-2	Establishment of Industrial Estates	.. 1000	1000	..	..	330	..	..	..	1000
IND-3	Wood Seasoning Plant, Kartarpur	.. 332	200	200	..	280	..	..	..	332
IND-4	Development and Testing Centre for sound products, Jullundur	.. 186	109	50	..	78	..	..	..	186
IND-5	Provision of raw materials and marketing facilities	.. -95	..	..	..	..	..	..	..	95
	Total	.. 1613	1309	250	..	688	..	..	..	1613

SUB-HEAD No. 16—INDUSTRIES—CONTD

DETAILED STATEMENT I

(FINANCIAL OUTLAY)

(Thousand Rs)

No. of Scheme	Name of the Scheme	Total	COST NET†	Foreign exchange involved in column 3	Public Contribution	Income if any	SHARES PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of centrally-sponsored schemes	Total columns (3+6+9+10)
			Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
III. HANDLOOM										
IND-6	Establishment of sales depots for handloom cloth ..	47	..	..	..	..	..	..	..	47
IND-7	Training in salesmanship for the employees of the various sales depots in the State ..	06	..	..	..	..	..	..	..	06
IND-8	Establishment of 2 Weavers, colonies at Panipat and Kulu ..	61	..	..	..	..	..	..	..	61
	Total	114	..	..	..	..	..	..	..	114

IV. HANDICRAFTS

IND-9	Development of Pashmina Industrial Co-operatives in Kulu Sub-Division ..	28	..	..	..	..	..	..	..	28
IND-10	Reorganisation of Seven Diploma Schools for Girls (Buildings at Ambala, Amritsar and Rohtak) ..	119	119	..	..	..	..	..	..	119
IND-11	Industrial Schools for Girls (Buildings at Narnaul, Nabha, Barnala and Phagwara) ..	226	226	..	..	..	..	..	..	226
IND-12	Government Industrial Schools for Girls, Kulu ..	75	75	..	..	..	..	..	..	75
	Total ..	448	420	..	..	..	..	..	..	448

V. SERICULTURE

IND-13	Establishment of foreign race Silk seed station for rearing of univoltine-races at Nagrota ..	20	20	..	..	..	..	..	..	20
IND-14	Establishment of Sericulture farm at Doraha ..	10	10	..	..	..	..	..	..	10
IND-15	Construction of Grainage Building at Palampur ..	49	49	..	..	..	..	..	..	49
IND-16	Establishment of Chowk Rearing Centre at Sujapur ..	1	1	..	..	..	..	..	..	1
	Total ..	80	80	..	..	..	..	..	..	80
	Total Spill-over Schemes ..	2405	2039	250	..	..	..	..	..	2485

**SUB-HEAD No. 16—INDUSTRIES— CONTD**

**DETAILED STATEMENT I**

(FINANCIAL OUTLAY)

(Thousand Rs)

No. of Scheme	Name of Scheme	Total	COST NET*	Foreign exchange involved in column 3	Public Contribution	Income, if any	SHARES PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's shares in case of centrally-sponsored schemes	Total columns (3+6+9+10)
			Capital*				Included in the net provision	Not included in net provision		
1	2	3	4	5	6	7	8	9	10	11
<b>NEW SCHEMES</b>										
<b>I. DEVELOPMENT OF LARGE AND MEDIUM INDUSTRIES IN THE PUNJAB</b>										
IND-17	Participation in the Establishment of Cement and Newsprint Factories and Re-organisation of Nangal Workshop	.. 32210	32210	..	..	..	The guarantee rate of dividend on the preference capital on Newsprint and cement factories subscribed by Government is 6.5 per cent per annum, but on dividend is expected to be realised during the Third Five-Year Plan	..	..	32210
	Total	.. 32210	32210	..	..	..		..	..	32210
<b>II. DEVELOPMENT OF MINES AND MINERALS, CONSTRUCTION OF ROADS, ETC.</b>										
IND-18	Development of Mines and Minerals in the Punjab	.. 850	300	..	..	..	..	..	..	850
	Total	.. 850	300	..	..	..	..	..	..	850
<b>III.—SMALL-SCALE INDUSTRIES</b>										
IND-19	Extension of quality marking schemes and expansion of existing quality marking Centres	.. 2246	446	400	..	..	..	..	..	2246
IND-20	Industrial Development Centres :—									
	(i) Urban	.. 2556	1180	800	..	1761	..	..	..	2556
	(ii) Rural	.. 6314	..	..	..	..	..	..	..	6314

IND-21	Industrial Survey of the State	..	500	..	..	..	..	..	..	500
IND-22	Credit facilities for the development of Small-scale Industries including Industrial Co-operatives	..	33930	32500	..	..	..	..	..	33930
IND-23	Grant of Subsidies	..	500	500	..	..	..	..	..	500
IND-24	Additional staff for the Headquarters' Office and Office of the District Industries Officers	..	5200	..	..	..	..	..	..	5200
IND-25	Training of Block Level Extension Officers (Industries)	..	992	..	..	..	..	..	..	992
IND-26	Establishment of Industrial Estates :-									
	(i) Urban	..	15500	14200	..	..	5040	..	..	15500
	(ii) Rural	..	8000	..	..	..	..	..	..	8000
IND-27	Punjab Small-scale Industries Corporation (Private) Ltd. (Formerly Punjab Industrial Marketing and Development Corporation)	..	4000	4000	..	..	312	..	..	4000
IND-28	Provision for study tours of Artisan members of Industrial Co-operatives	..	100	..	..	..	..	..	..	100
IND-29	Development of Small-scale Industries through Co-operatives	..	4500	..	..	..	..	..	..	4500
IND-30	Scheme for subsidising propaganda and publicity activities of Industrial Co-operatives	..	50	..	..	..	..	..	..	50
IND-31	Strengthening of Punjab State Industrial Co-operative Federation	..	29	..	..	..	..	..	..	29
IND-32	Government Participation in Share Capital of Punjab State Industrial Co-operative Federation	..	100	100	..	..	..	..	..	100
IND-33	Strengthening of Organisation and Supervisory Staff for Industrial Co-operatives	..	2000	..	..	..	..	..	..	2000
IND-34	Provision for Educational Training Units for the members of Industrial Co-operatives	..	83	..	..	..	..	..	..	83



**SUB-HEAD No. 16—INDUSTRIES—CONTD**

**DETAILED STATEMENT I —CONTD**

(FINANCIAL OUTLAY)

( Thousand Rs )

No. of Scheme	Name of Scheme	Total	COST NET*	Foreign exchange involved in column 3	Public Contribution	Income if any	SHARES PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of centrally-sponsored schemes	Total columns (3+6+9+10)
			Capital				Included in the net provision	Not included in net provision		
1	2	3	4	5	6	7	8	9	10	11
IND-35	Training of Rural Artisans-opening of Centres ..	4200	..	..	..	..	..	..	..	4200
IND-36	Development of Government Hosiery Dyeing and Calico Printing Institute, Ludhiana ..	500	348	150	..	..	..	..	..	500
IND-37	Development of Surgical Instrument Centre and Development Laboratory by introducing specialised trades ..	1165	823	150	..	..	..	..	..	1165
IND-38	Development of Wood Working Institute, Jullundur ..	215	150	..	..	..	..	..	..	215
IND-39	Development of Government Industrial School, Rewari, and conversion into Training Institute (Footwear Section) ..	200	182	..	..	..	..	..	..	200
IND-40	Development of seven existing Government Industrial Schools for Boys and their conversion into Vocational Training Institutes at Hoshiarpur, Rohtak, Hissar, Panipat, Kulu, Ambala Cantt, and Ludhiana ..	1000	300	..	..	..	..	..	..	1000
IND-41	Construction of School and Hostel Buildings for proposed Vocational Training Institutes at Hoshiarpur, Hissar, Kulu and Panipat ..	568	568	..	..	..	..	..	..	568
IND-42	Common Service Facilities Centre for Tea Industry in Kangra District ..	600	550	..	..	..	..	..	..	600
IND-43	Setting up of Production Units in various after care homes in the State ..	242	12	..	..	..	..	..	..	242

IND-44	Grant-in-aid to Local Productivity Council for employment of engineers ..	17	17	..	..	..	..	..	..	17
IND-45	Additional Staff for Textile Finishing Plant at Ludhiana ..	55	..	..	..	..	..	..	..	55
	Total ..	95362	55876	1550	..	7113	..	..	..	95362

IV. HANDLOOM

IND-46	Participation in the share Capital of Handloom Apex Society ..	50	50	..	..	..	..	..	..	50
IND-47	Loans to purchase shares to Primary Societies ..	100	100	..	..	..	..	..	..	100
IND-48	Rebate on the sale of handloom cloth ..	600	..	..	..	..	..	..	..	600
IND-49	Managerial Subsidy to Co-operative Societies ..	375	..	..	..	..	..	..	..	375
IND-50	Establishment of Inter-State Sales Depots ..	70	..	..	..	..	..	..	..	70
IND-51	Credit facilities to Handloom Weavers Co-operative Societies, Subsidising rate of interest of R. B. I. Loans ..	60	..	..	..	..	..	..	..	60
IND-52	Setting up of Weavers Colonies, Hoshiarpur, Karnal, Kangra and Jullundur. ..	576	432	..	..	..	..	..	..	576
IND-53	Setting up of experimental Weaving Centres as part of Housing Colonies ..	300	200	..	..	..	..	..	..	300
IND-54	Supply of improved Appliances ..	343	075	..	..	..	..	..	..	343
IND-55	Setting up of two Dye Houses at Jullundur and Kangra ..	100	..	..	..	..	..	..	..	100
IND-56	Setting up of Press Machines and facilities to Weavers (Wool), Kangra District ..	20	..	5	..	..	..	..	..	20
IND-57	Contribution towards losses of Yarn Supply ..	24	..	..	..	..	..	..	..	24
IND-58	Field Staff for the Handloom Organisation ..	170	..	..	..	..	..	..	..	170
IND-59	Participation in Exhibitions and Shows ..	50	..	..	..	..	..	..	..	50

**SUB-HEAD No. 16—INDUSTRIES—CONTD**

**DETAILED STATEMENT I —CONTD**

(FINANCIAL OUTLAY)

(Thousand Rs)

No. of Scheme	Name of Scheme	Total	COST NET*	Foreign exchange involved in column 3	Public Contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of centrally-sponsored schemes	Total columns (3+6+9+10)
			Capital	Included in the net provision			Not included in the net provision			
1	2	3	4	5	6	7	8	9	10	11
IND-60	Inspection and stamping staff for the Apex Co-operative Society	60	..	..	..	..	..	..	..	60
IND-61	Construction of Sheds for Wool Weavers	188	188	..	..	..	..	..	..	188
IND-62	Publicity and Propaganda	60	..	..	..	..	..	..	..	60
IND-63	Educative Tours for Weavers	15	..	..	..	..	..	..	..	15
IND-64	Financial Assistance to the Weavers Apex Society for supply of samples to prospective buyers	25	..	..	..	..	..	..	..	25
IND-65	Grant of Financial Assistance to Weavers in Hilly Areas in Co-operative field for purchase of improved appliances	75	19	..	..	..	..	..	..	75
IND-66	State Participation in Co-operative Spinning Mills	1000	1000	..	..	..	..	..	..	1000
IND-67	Carding Plant at Baijnath	125	55	..	..	..	..	..	..	125
	<b>Total</b>	<b>4386</b>	<b>2124</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>4386</b>
<b>V. HANDICRAFTS</b>										
IND-68	Training Centres in Carpet Weaving at Kandaghat and Amritsar	122	..	..	..	..	..	..	..	122

IND-69	Training Centre in Druggests at Kulu/ Panipat ..	90	..	..	..	..	..	..	..	90
IND-70	Training Centre for manufacturing artistic articles Copper, Brass Wares and inlay Work, Jagadhri, Rewari/Phagwara ..	104	..	..	..	..	..	..	..	104
IND-71	Training-cum-Production Centre for phul- kari at Naraingarh (Ambala District) ..	62	..	..	..	..	..	..	..	62
IND-72	Training Centre for Licquer Work at Hoshiarpur/Jullundur ..	82	..	..	..	..	..	..	..	82
IND-73	Training Centre for Musical Instruments at Jullundur and Gurgaon ..	102	..	..	..	..	..	..	..	102
IND-74	Training Centre for Wood Carving Decora- tive furniture and inlay work at Simla/ Kulu ..	89	..	..	..	..	..	..	..	89
IND-75	Pottery Training Centre at Jawali ..	94	..	..	..	..	..	..	..	94
IND-76	Training Centre for Stone and Marble Carving at Narnaul ..	60	..	..	..	..	..	..	..	60
IND-77	Training Centre for Artistic Bamboo articles at Mukerian ..	67	..	..	..	..	..	..	..	67
IND-78	Training Centre in Handicraft at Maler- kotla ..	164	..	..	..	..	..	..	..	164
IND-79	Training Centre for making horn articles, Jullundur/Rohtak ..	40	..	..	..	..	..	..	..	40
IND-80	Organisation of the office of the Marketing Officer-cum-Manager, Government Arts and Crafts Emporium, Patiala ..	164	..	..	..	..	..	..	..	164
IND-81	Reorganisation of Cottage Industries Museum and Emporium, New Delhi ..	34	..	..	..	..	..	..	..	34
IND-82	Establishment of Handicrafts Sales Section in the Apex Sales Depots in the State ..	67	..	..	..	..	..	..	..	67
IND-83	Reorganisation of Regional Sales Empo- ria at Malerkotla and Phagwara ..	111	15	..	..	..	..	..	..	111
IND-84	Construction of Building for Punjab Government Industries Museum and Emporium, Chandigarh ..	250	150	..	..	..	..	..	..	250

**SUB-HEAD No. 16—INDUSTRIES—CONTD**

**DETAILED STATEMENT I—CONTD**

(FINANCIAL OUTLAY)

(Thousand Rs)

No. of Scheme	Name of the Scheme	Total	COST NET*		Public Contribution	Income, if any	SHARES PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of centrally-sponsored scheme	Total columns (3+6+9+10)
			Capital	Foreign exchange involved in column 3			Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
IND-85	Central Design and Research Centre for Handicrafts, Chandigarh ..	518	207	..	..	..	..	..	..	518
IND-86	Development of Handicrafts through Co-operatives ..	450	..	..	..	..	..	..	..	450
IND-87	Development of Handicrafts through Women Co-operatives ..	864	..	..	..	..	..	..	..	864
IND-88	Mat and Basket Making Centre, Hamirpur ..	77	..	..	..	..	..	..	..	77
IND-89	Opening of Cottage Industries Museum and Emporium at Kulu ...	107	80	..	..	..	..	..	..	107
IND-90	Aid to Private Institutions ...	235	..	..	..	..	..	..	..	235
IND-91	Opening of 10 Certificate Schools for Girls ...	250	10	..	..	..	..	..	..	250
IND-92	Opening of 9 Diploma Schools for Girls...	500	70	..	..	..	..	..	..	500
IND-93	Reorganisation of 11 existing Industrial schools for Girls ...	162	12	..	..	..	..	..	..	162
IND-94	Facilities for training of teachers, Headquarters staff and others ..	121	..	..	..	..	..	..	..	121

IND-95	Revision of grades of Technical Staff of Industrial Schools for Girls ..	60	..	10	..	..	..	..	..	60
IND-96	Revision of rates of Government Scholarships and stipends ..	498	..	..	..	..	..	..	..	498
IND-97	Construction of additional Wing in the Central Crafts Institution for Women at Chandigarh ..	79	..	..	..	..	..	..	..	79
IND-98	Reorganisation of Punjab Cottage Industries Museum and Emporium, Amritsar..	54	..	..	..	..	..	..	..	54
Total ..		5677	593	..	..	..	..	..	..	5677
VI. SERICULTURE										
IND-99	Scheme for the propagation of Mulberry Plantation in the Punjab ..	301	..	..	..	..	..	..	..	301
IND-100	Establishment of one Plantation-cum-Demonstration Farm in Kulu Valley ..	110	36	..	..	..	..	..	..	110
IND-101	Establishment of Chowki Rearing Centre in Nurpur Tehsil ..	10	..	..	..	..	..	..	..	10
Total ..		421	36	..	..	..	..	..	..	421
IND-102	Scheme for Bonus to Mulberry Growers	100	..	..	..	..	..	..	..	100
IND-103	Establishment of Filature on Demonstration basis ..	133	116	..	..	..	..	..	..	133
IND-104	Scheme for Field Organisation for controlling Sericulture Schemes ..	217	..	..	..	..	..	..	..	217
IND-105	Development of Sericulture through individuals ..	300	100	..	..	..	..	..	..	300
IND-106	Development of Sericulture through co-operatives ..	110	..	..	..	..	..	..	..	110
IND-107	Establishment of Apex for Sericulture ..	50	..	..	..	..	..	..	..	50
IND-108	Production and Distribution of disease-free silk seed in Punjab ..	517	117	..	..	..	..	..	..	517

**SUB-HEAD No. 16 INDUSTRIES—CONTD**

**DETAILED STATEMENT I—CONTD**

(FINANCIAL OUTLAY)

( Thousand Rs)

No. of Scheme	Name of Scheme	Total	COST NET*	Foreign exchange involved in column 3	Public Contribution	Income, if any	SHARES PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre share in case of centrally sponsored schemes	Total columns (3+6+9+10)
			Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
IND-109	Establishment of an Applied Sericulture Laboratory (Conducting of Experiments and tests in Sericulture at Sujapur and Nagrota)	139	25	..	..	..	..	..	..	139
IND-110	Provision of Heating and Cooling arrangements in the Rearing Building constructed under the Scheme. Establishment of Chowki Rearing on Japanese lines	26	26	..	..	..	..	..	..	26
IND-111	Establishment of Six Chowki Rearing Centres	107	..	..	..	..	..	..	..	107
	Total	2120	420	..	..	..	..	..	..	2120
VII. DEVELOPMENT OF KHADI AND VILLAGE INDUSTRIES										
IND-112	Development of Khadi and Village Industries	1000	..	..	..	..	..	..	..	1000
	Total	1000	..	..	..	..	..	..	..	1000
	Grand Total New Schemes	141605	91523	1550	..	7113	..	..	..	141605
	Grand Total Spill-over and New Schemes	144010	93562	1800	..	7801	..	..	..	144010

\*Includes only the state share in the case of centrally-sponsored schemes.

**SUB-HEAD No. 16—INDUSTRIES**

**DETAILED STATEMENT II**

(Thousand Rs)

(BREAK-UP OF FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS)

No. of Scheme	Name of Scheme	Financial Provision	Staff	Material and Building	Land	Equipment and Machinery	Loans	Subsidy or grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
<b>SPILL OVER SCHEME</b>										
<b>I—DEVELOPMENT OF MINES AND MINERALS IN THE PUNJAB</b>										
IND-1	Development of Mines and Minerals in the Punjab	.. 150	..	..	..	150	..	..	..	150
	<b>Total</b>	.. 150	..	..	..	150	..	..	..	150
<b>II—SMALL SCALE INDUSTRIES</b>										
IND-2	Establishment of Industrial Estates	.. 1000	..	1000 (both for land and Building)	..	..	..	..	..	1000
IND-3	Wood Seasoning Plant, Kartarpur	.. 332	155	50	..	50	..	..	77	332
IND-4	Development and Testing Centre for sound products, Jullundur	186	65	50	..	50	..	..	21	186
IND-5	Provision of raw material and marketing facilities	95	..	..	..	..	..	95	..	95
	<b>Total</b>	.. 1613	220	1100	..	100	..	95	98	1613



**SUB-HEAD No. 16—INDUSTRIES—CONTD**

**DETAILED STATEMENT II—CONTD**

(Thousand Rs)

BREAK-UP OF FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS

No. of Schemes	Name of Scheme	Financial Provision	Staff	Material and Building	Land	Equipment and Machinery	Loans	Subsidy or grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
<b>III. HANDLOOM</b>										
IND-6	Establishment of sales depots for handloom cloth	47	..	..	..	..	..	47	..	47
IND-7	Training in Salesmanship for the employees of the various sales depots in the State	6	6	..	..	..	..	..	..	6
IND-8	Establishment of Weavers colonies at Panipat and Kulu	61	..	..	..	..	..	61	..	61
	<b>Total</b>	<b>114</b>	<b>6</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>108</b>	<b>..</b>	<b>114</b>

**IV. HANDICRAFTS**

IND-9	Development of Pashmina Industrial Co-operatives in Kulu Sub-Division	28	..	..	..	..	..	28	..	28
IND-10	Re-organisation of seven Diploma Schools for Girls. (Buildings at Ambala, Amritsar and Rohtak)	119	..	69	50	..	..	..	..	119

IND-11	Industrial Schools for Girls (Buildings at Narnaul, Nabha, Barnala and Phagwara)	226	..	226	..	..	--	--	..	226
IND-12	Government Industrial School for Girls Kulu	75	..	75	..	..	--	--	..	75
Total		448	..	370	50	..	--	28	..	448

V. SERICULTURE

IND-13	Establishment of foreign race silk seed station for rearing of Univoltir race at Nagrota	20	..	20	..	--	--	--	..	20
IND-14	Establishment of Sericulture Farm at Doraha	10	..	10	..	..	--	..	..	10
IND-15	Construction of Grainage Building at Palampur	49	..	49	..	--	--	..	..	49
IND-16	Establishment of Chowki Rearing Centre at Sujampur	1	..	1	..	--	--	..	..	1
Total		80	..	..	80	..	--	..	..	80
Total Spillover Scheme		2405	226	1550	50	250	--	231	98	24

**SUB-HEAD No. 16—INDUSTRIES—CONTD**

**DETAILED STATEMENT II—CONTD**

(Thousand Rs)

No. of Schemes	Name of Scheme	Financial Provision	Staff	Material and Building	Land	Equipment and Machinery	Loans	Subsidy or grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
<b>NEW SCHEMES</b>										
<b>I. DEVELOPMENT OF LARGE AND MEDIUM INDUSTRIES IN THE PUNJAB</b>										
IND-17	Participation in the Establishment of Cement factories, Newsprint and Re-organisation of Nangal Workshop	32210	...	...	...	...	...	...	32210	32210
	Total	...	32210	..	..	...	...	...	32210	32210
<b>II. DEVELOPMENT OF MINES AND MINERALS IN THE PUNJAB</b>										
IND-18	Development of Mines and Minerals construction of roads etc.	850	150	400 (Roads)	...	150	150	..	...	850
	Total	...	850	150	400	...	150	150	...	850
<b>III. SMALL SCALE INDUSTRIES</b>										
IND-19	Extension of Quality marking scheme and expansion of existing quality making Centres	2246	1230	...	...	447	...	..	519	2246
IND-20	Industrial Development centrest:—									
	(i) Urban	..	2556	917	...	125	125	..	424	2556
	(ii) Rural	...	6314	3021	720	...	1901	...	672	6314
IND-21	Industrial Survey of the State	...	500	...	...	..	..	500	..	500

IND-22	Credit facilities for the development of Small Scale Industries including Industrial Co-operative	33930	--	--	--	--	33930	--	--	33930
IND-23	Grant of Subsidies	500	500	--	--	--	--	--	--	500
IND-24	Additional staff for the Headquarters office and office of the District Industries Officers	5200	5200	--	--	--	--	--	--	5200
IND-25	Training of Block Level Extension Officers (Industries)	992	992	..	..	..	..	..	..	992
IND-26	Establishment of Industrial Estates and Colonies:—									
	(i) Urban	15500	1300	14200 (for land and building)	..	..	..	..	..	15500
	(ii) Rural	8000	..	7200	..	..	800	..	..	8000
IND-27	Punjab State Small Industries Corporation, Private Ltd., (formerly Punjab Industrial Marketing and Development Corporation)	4000	..	..	..	..	4000	..	..	4000
IND-28	Provision for Study Tours of Artisans members of Industrial Co-operatives	100	..	..	..	..	..	100	..	100
IND-29	Development of Small-Scale Industries through Co-operatives	4500	..	..	..	..	..	4500	..	4500
IND-30	Scheme for subsidising propoganda and publicity activities of Industrial Co-operatives	50	..	..	..	..	..	50	..	50
IND-31	Strengthening of Punjab State Industrial Co-operatives Federation	29	..	..	..	..	..	29	..	29
IND-32	Government Participation in share capital of Punjab State Industrial Co-operative Federation	100	..	..	..	..	..	100	..	100
IND-33	Strengthening of Organisational and Supervisory staff for Industrial Co-operatives	2000	2000	..	..	..	..	..	..	2000
IND-34	Provision for Educational Training Units for the members of Industrial Co-operatives	83	83	..	..	..	..	..	..	83
IND-35	Training of Rural Artisans Opening of Centres	4200	600	1440	..	540	..	..	1620	4200

**SUB-HEAD No. 16—INDUSTRIES—CONTD**

**DETAILED STATEMENT II—CONTD**

(Thousand Rs)

No. of Scheme	Name of Scheme	Financial Provision	Material Staff and Building	Material and building	Land	Equipment and Machinery	Land	Subsidy or grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
IND-36	Development of Government Hosiery Dyeing and Calico Printing Institute, Ludhiana	500	88	100	..	248	..	..	64	500
IND-37	Development Surgical Instruments Centre and Development Laboratory by introducing specialised trades	1165	266	448	75	300	..	..	76	1165
IND-38	Development of Wood Working Institute, Jullundur	215	55	150	..	..	..	..	10	215
IND-39	Development of Government Industrial School, Rewari and Conversion into Training Institute (Foot wear Section)	200	11	80	..	102	..	..	7	200
IND-40	Development of Seven existing Industrial Schools for Boys and their conversion into Government Vocational Training Institutes at Hoshiarpur, Rohtak, Hissar, Panipat, Kulu, Ambala Cantt and Ludhiana	1000	250	..	..	300	..	..	450	1000
IND-41	Construction of School and Hostel Building for proposed Vocational Training Institutes at Hoshiarpur, Hissar, Kulu, and Panipat	568	..	..	68	500	..	..	..	568
IND-42	Common Service Facilities Centre for Tea Industry, Kangra District	600	..	..	..	..	..	..	50	600
IND-43	Setting up of Production Units in various after-care homes in the State	242	115	..	..	12	..	..	115	242
IND-44	Grant-in-aid to Local Productivity Council for employment of engineers	17	..	..	..	..	..	17	..	17

IND-45	Additional staff for Textile Finishing Plant at Ludhiana	55	55	..	..	..	..	..	..	55
Total		95362	16233	34339	143	5565	39280	5696	4107	95362
IV. HANDLOOM										
IND-46	Participation in the Share Capital Structure of Handloom Apex Society	50	..	..	..	..	..	..	50	50
IND-47	Loans to purchase shares to Primary Societies	100	..	..	..	..	100	..	..	100
IND-48	Rebate on the sale of Handloom Cloth ..	600	..	..	..	..	..	600	..	600
IND-49	Managerial subsidy to Co-operative Societies	375	..	..	..	..	..	375	..	375
IND-50	Establishment of Inter-State Sales Depots (Calcutta and Sirinagar)	70	..	..	..	..	..	70	..	70
IND-51	Credit facilities to Handloom Weavers Co-operative Societies Subsidising rate of interest of R. B. I. Loans	60	..	..	..	..	..	60	..	60
IND-52	Setting up of Weavers Colonies, Hoshiarpur, Karnal, Kangra, Jullundur	576	..	..	..	..	432	144	..	576
IND-53	Setting up of Experimental Weaving Centres as parts of Housing Colonies ..	300	..	..	..	..	200	100	..	300
IND-54	Supply of improved Appliances ..	343	..	..	..	..	75	268	..	343
IND-55	Setting up of two Dye Houses at Jullundur and Kangra	100	..	..	..	..	..	100	..	100
IND-56	Setting up of Press Machines and facilities to weavers (wool), Kangra District	20	..	..	..	..	5	15	..	20
IND-57	Contribution towards looses of Yarn Supply	24	..	..	..	..	..	24	..	24
IND-58	Field staff for the Handloom Organisation	170	137	..	..	..	..	33	..	170
IND-59	Participation in exhibitions and shows ..	50	..	..	..	..	..	50	..	50
IND-60	Inspection and Stamping staff for the Apex Co-operative Society	60	..	..	..	..	..	60	..	60

**SUB-HEAD No- 16—INDUSTRIES—CONTD**

**DETAILED STATEMENT II—CONTD**

((Thousand Rs)

No. of scheme	Name of Scheme	Financial Provision	Staff	Material Building	Land	Equipment and Machinery	Loans	Subsidy or Grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
IND-61	Construction of Sheds for Wool Weavers	188	..	..	..	..	188	..	..	188
IND-62	Publicity and Propaganda	..	60	..	..	..	..	60	..	60
IND-63	Educative Tour of Weavers	..	15	..	..	..	..	15	..	15
IND-64	Financial Assistance to the Weavers Apex Society for Supply of samples to prospective buyers	25	..	..	..	..	..	25	..	25
IND-65	Grant of Financial Assistance to Weavers in Hilly Areas in Co-operative fold for purchase of improved appliances	75	..	..	..	..	19	56	..	75
IND-66	State Participation in Co-operative Spinning Mills	1,000	..	..	..	..	1000	..	..	1000
IND-67	Carding Plant at Baijnath	..	125	70	..	..	55	..	..	125
	Total	..	4386	207	..	..	2074	2055	50	4386

**V. HANDICRAFTS**

IND-68	Training Centres in Carpet Weaving at Kandaghat and Anritsar	122	38	..	..	Small items of tools and equipment included in Col. 10	..	..	84	122
IND-69	Training Centre in Druggests at Kulu, Panipat	90	27	..	..	Ditto	..	..	63	90
IND-70	Training Centre for manufacturing artistic Brass Wares and inlay work at Jagadhri, Rewari/Phagwara	104	41	..	..	Ditto	..	..	63	104

IND-71	Training-cum-Production Centre for Phulkarias at (Ambala District)	62	24	..	..	Ditto	..	..	38	62
IND-72	Training Centre for Lacquer work at Hoshiarpur, Naraingarh, Jullundur	82	24	..	..	..	..	..	58	82
IND-73	Training Centre for Musical Instruments at Jullundur and Gurgaon	102	28	..	..	..	..	..	74	102
IND-74	Training Centre for Wood Carving Decorative furniture and inlay work at Simla/Kulu	89	26	..	..	..	..	..	63	89
IND-75	Pottery Training Centre at Jawali	94	29	..	..	..	..	..	65	94
IND-76	Training Centre for Stone and marble carving at Narnaul	60	28	..	..	..	..	..	32	60
IND-77	Training Centre for artistic bamboo articles at Mukerian	67	24	..	..	..	..	..	43	67
IND-78	Training Centre in handicrafts at Malerkotla	164	86	..	..	..	..	..	78	164
IND-79	Training Centre for making horn articles Jullundur/Rohtak	40	19	..	..	..	..	..	21	40
IND-80	Organisation of the office of the Marketing Officer-cum-manager Government Arts and Crafts Emporium, Patiala	164	139	..	..	..	..	..	25	164
IND-81	Re-organisation of Cottage Industries Museum and Emporium, New Delhi	34	4	..	..	..	..	..	30	34
IND-82	Establishment of Handicrafts Sales Section in the Apex Sales Depots in the State	67	57	..	..	..	..	..	10	67
IND-83	Re-organisation of Regional Sales Emporium at Malerkotla and Phagwara	111	37	..	..	..	..	..	74	111
IND-84	Construction of buildings for cottage Industries Museum and Emporium, Chandigarh	250	..	150	..	..	..	..	100	250
IND-85	Central Design and Research Centre for Handicrafts, Chandigarh	518	216	207	..	..	..	..	95	518
IND-86	Development of Handicrafts through Co-operatives	450	..	..	..	..	..	450	..	450



**SUB-HEAD No. 16—INDUSTRIES—CONTD**

**DETAILED STATEMENT II—CONTD**

(Thousand Rs)

No. of scheme	Name of Scheme	Financial Provision	Staff	Material and Building	Land	Equipment and Machinery	Loans	Subsidy or Grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
IND-87	Development of Handicrafts through women co-operatives	864	..	..	..	..	..	864	..	864
IND-88	Mat and Basket Making Centre, Hamirpur	77	41	..	..	..	..	..	36	77
IND-89	Opening of Cottage Industries Museum at Kulu	107	28	..	25 for land and build- ing	..	..	..	54	107
IND-90	Aid to Private Institutions	235	66	..	..	..	..	150	19	235
IND-91	Opening of 10 Certificate Schools for Girls	250	153	..	..	10	..	..	87	250
IND-92	Opening of 9 Diploma Schools for Girls	500	333	..	..	70	..	..	97	500
IND-93	Re-organisation of 11 existing Industrial Schools for Girls	162	143	..	..	13	..	..	6	162
IND-94	Facilities for training of teachers, Head-quarter Staff and other	121	..	..	..	..	..	..	121	121
IND-95	Revision of grades of technical staff of Industrial Schools for Girls	60	60	..	..	..	..	..	..	60
IND-96	Revision of rates of Government scholarships and stipends	498	..	..	..	..	..	..	498	498
IND-97	Construction of additional wing for Central Crafts institute for Women, Chandigarh	79	..	79	..	..	..	..	..	79
IND-98	Re-organisation of Punjab Cottage Industries Museum and Emporium, Amritsar	54	16	..	..	..	..	..	38	54
	Total	5677	1687	79	382	93	..	1464	1972	5677

VI. SERICULTURE

IND-99	Scheme for the propagation of Mulberry Plantation in the Punjab	301	16	90	..	13	..	..	182	301	
IND-100	Establishment of one Plantation-cum-Demonstration Farm in Kulu Valley	110	73	37	..	..	..	..	..	110	
IND-101	Establishment of Chowki Rearing Centre in Nurpur Tehsil	10	3	..	..	..	..	..	6	210	
IND-102	Scheme for Bonus to Mulberry Growers	100	..	..	..	..	..	100	..	100	
IND-103	Establishment of Filature on Demonstration basis	133	8	35	..	42	..	..	48	133	
IND-104	Scheme for Field Organisation for Controlling Sericulture Schemes	217	217	..	..	..	..	..	..	217	
IND-105	Development of Sericulture through individuals	300	..	..	..	..	100	200	..	300	
IND-106	Development of Sericulture through Co-operatives	110	..	..	..	..	..	110	..	110	
IND-107	Establishment of Apex for Sericulture	50	..	..	..	..	..	..	..	50	
IND-108	Production and Distribution of disease free silk seed in Punjab	517	101	166	105	145	..	..	..	517	
IND-109	Establishment of an applied Sericulture Laboratory (conducting of Experiments and tests in Sericulture at Nagrota and Sujjanpur)	139	64	..	..	75	..	..	..	139	
IND-110	Provision of Heating and cooling arrangement in the Rearing Building constructed under the scheme Establishment of Chowki Rearing on Japanese lines	26	..	..	..	..	..	..	26	26	
IND-111	Establishment of six Choki Rearing Centres	107	42	..	..	65	..	..	..	107	
	Total	..	2120	524	328	105	341	150	410	262	2,120

**SUB-HEAD No. 16 --INDUSTRIES--CONTD**

**DETAILED STATEMENT II--CONTD**

(Thousand Rs)

No. of scheme	Name of Scheme	Financial Provision	Staff	Material Land	Equipment and Machinery	Land	Subsidy or grant-in-aid	Others	Total	
1	2	3	4	5	6	7	8	9	10	11
<b>VII. DEVELOPMENT OF KHADI AND VILLAGE INDUSTRIES</b>										
IND-112	Development of Khadi and Village Industries	1000	..	..	..	..	..	1000	..	1000
	Total	1000	..	..	..	..	..	1000	..	1000
	Total New Schemes	141605	18801	25145	630	6149	41654	10625	38601	141605
	Grand Total (Spill over and New Schemes)	144010	19027	26695	680	6399	41654	10856	38699	144010

## SUB-HEAD NO. 16—INDUSTRIES— CONTD

## DETAILED STATEMENT III

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in Man-years

Sl. No.	Name of Scheme	Adminis- trative and Clerical	TECHNICAL			Skilled workers not included under columns 4 and 5
			Degree level	Diploma or Certificate level		
1	2	3	4	5	6	
<b>SPILOVER SCHEMES</b>						
<b>I. DEVELOPMENT OF MINES AND MINERALS IN THE PUNJAB</b>						
IND-1	Development of Mines and Minerals in the Punjab ..	2	4	1	..	
	Total ..	2	4	1	..	
<b>II. SMALL SCALE INDUSTRIES</b>						
IND-2	Establishment of Industrial Estates ..	..	..	..	..	
IND-3	Wood Seasoning Plant, Kartarpur ..	15	5	35	..	
IND-4	Development and Testing Centre for Sound Products, Jullundur ..	20	5	10	..	
IND-5	Provision of Raw Material and Marketing facilities ..	..	..	..	..	
	Total ..	35	10	45	..	
<b>III. HANDLOOM</b>						
IND-6	Establishment of Sales Depots for Handloom Cloth ..	..	..	..	..	
IND-7	Training in Salesmanship for the employees of various sales depots in the State ..	2	..	..	..	
IND-8	Establishment of Weavers Colonies at Panipat and Kulu ..	..	..	..	..	
	Total ..	2	..	..	..	

## SUB-HEAD NO. 16—INDUSTRIES—CONTD

## DETAILED STATEMENT III—CONTD

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in Man-years

c	TECHNICAL					Total
	Adminis- trative and Clerical	Degree level	Diploma or Certificate level	Skilled workers not included under columns 4 and 5	Others including Class IV employees	
	3	4	5	6	7	8
<b>SCHEMES—</b>						
ashmina In- itiatives in n ..	..	..	..	..	..	..
of Seven ols for Girls abala, Amrit- ..	..	..	..	..	..	..
for Girls, haul, Nabha, wara) ..	..	..	..	..	..	..
rial School ..	..	..	..	..	..	..
..	..	..	..	..	..	..
Schemes) ..	39	14	46	..	75	174
<b>MINES</b>						
<b>URGENT AND INDUSTRIES IN</b>						
Establish- ment of newsprint factories in Punjab and Haryana ..	..	..	..	..	..	..
(i) The Cement and newsprint factories are to be set up in the private sector with the State Government collaboration to the extent of Rs 250.10 lakhs. The question of employment at Government level does not arise.						
(ii) It has not been decided by Government as to whether or not the Nangal Workshops are to be taken over by the Industries Department. No scheme regarding employment has, therefore, been drawn up.						
..	..	..	..	..	..	..
<b>INDUSTRIES IN THE STATE OF PUNJAB</b>						
Industries and mines in Punjab, Haryana, etc. ..	2	4	1	..	3	10
..	2	4	1	..	3	10

**SUB-HEAD NO. 16—INDUSTRIES—CONTD**  
**DETAILED STATEMENT III—CONTD**  
**(EMPLOYMENT POTENTIAL)**

Direct Employment to be provided in Man-year

No. of Scheme	Name of Scheme	Admini- trative and Clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including Class IV employees	Total
			Degree, level	Diploma or Certificate level			
1	2	3	4	5	6	7	8
	<b>III. SMALL SCALE INDUSTRIES</b>						
ND-19	Extension of Quality Marking scheme and expansion of existing quality marking centres ..	325	60	145	45	180	755
ND-20	Industrial Development Centres :—						
	(i) Urban ..	190	46	172	..	155	563
	(ii) Rural ..	284	5	1344	..	234	1867
ND-21	Industrial Survey of the State	..	..	..	..	..	..
ND-22	Credit facilities for the development of Small Scale Industries including Industrial Co-operatives ..	..	..	..	..	..	..
ND-23	Grant of Subsidies ..	..	..	..	..	..	..
ND-24	Additional staff for the Headquarters office and office of the District Industries Officers ..	2150	..	..	..	350	2500
ND-25	Training of Block Level Extension Officers (Industries)	..	326	..	..	..	326
IND-26	Industrial Estates and Colonies—						
	(i) Urban ..	..	..	..	..	..	..
	(ii) Rural ..	30	5	..	..	10	45
IND-27	Punjab Small-Scale Industries Corporation (Private) Ltd., (forming Punjab Industrial Marketing Corporation)	No clear cut indication can be given at this stage, because, the Corporation would be an autonomous body who will be responsible for employment of staff in accordance with their requirements.					
ND-28	Provision for study Tours of artisan members of Industrial Co-operatives ..	..	..	..	..	..	..
IND-29	Development of Small Scale Industries through Co-operatives ..	3600	..	..	..	71100	74700
IND-30	Scheme for subsidising Propaganda and Publicity activities of Industrial Co-operatives ..	..	..	..	..	..	..

## SUB-HEAD NO. 16 —INDUSTRIES—CONTD

## DETAILED STATEMENT III—CONTD

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in Man-years

No. of Scheme	Name of Scheme	Adminis- trative and Clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including Class IV employees	Total
			Degree level	Diploma or Certificate level			
1	2	3	4	5	6	7	8
NEW SCHEMES—CONTD							
III. SMALL SCALE INDUSTRIES— <i>contd</i>							
IND-31	Strengthening of Punjab State Industrial Co-operatives Federation ..	12	..	..	..	3	15
IND-32	Government Participation in Share Capital of Punjab State Industrial Co-operatives ..	..	..	..	..	..	..
IND-33	Strengthening of Organisational and Supervisory Staff for Industrial Co-operatives ..	601	..	..	..	370	971
IND-34	Provision for Educational Training Units for the members of Industrial Co-operatives ..	..	..	..	..	..	..
IND-35	Training of Rural Artisans, - Opening of Centres	140	5	325	..	200	670
IND-36	Development of Government Hosiery, Dyeing and Calico Printing Institute, Ludhiana	10	5	10	..	..	25
IND-37	Development of Surgical Instruments Centre and Development Laboratory by introducing specialised trades	15	..	46	9	7	77
IND-38	Development of Wood Working Institute, Jullundur ..	5	..	5	..	..	10
IND-39	Development of Government Industrial School, Rewari and its conversion into training Institute (Footwear Section)	2	..	6	..	4	12
IND-40	Development of Seven existing Government Industrial Schools for Boys and their conversion into Government Vocational Training Institutes at Hoshiarpur, Rohtak, Hissar, Panipat, Kulu, Ambala Cantt. and Ludhiana	24	..	44	..	20	88
IND-41	Construction of School and Hostel Building for proposed Vocational Training Institutes at Hoshiarpur, Hissar, Kulu and Panipat ..	..	..	..	..	..	..

## SUB-HEAD NO. 16—INDUSTRIES—CONTD

## DETAILED STATEMENT III—CONTD

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in Man-years

No. of Scheme	Name of Scheme	Adminis- trative and Clerical	TECHNICAL				Others including Class IV employees	Total
			Degree level	Diploma or Certificate level	Skilled workers not included under columns 4 and 5			
1	2	3	4	5	6	7	8	
New Schemes—CONTD								
III. SMALL SCALE INDUSTRIES—								
IND-42	Common Service Facilities Centre for Tea Industry, Kangra District ..	16	4	12	4	72	108	
IND-43	Setting up of Production Units in various after-care homes in the State ..	28	..	20	..	12	60	
IND-44	Grant-in-aid to Local Productivity Council for employment of Engineers ..	..	1	..	..	..	1	
IND-45	Additional staff for Textile Finishing Plant at Ludhiana ..	..	..	28	..	8	36	
Total		..	7432	457	2157	58	72725	82329
IV. HANDLOOM								
IND-46	Participation in the share Capital Structure of Apex Weavers Co-operative Society ..	..	..	..	..	..	..	
IND-47	Loans to purchase shares of Primary Societies ..	..	..	..	..	..	..	
IND-48	Rebate on the sale of Handloom Cloth ..	..	..	..	..	..	..	
IND-48	Managerial subsidy to Co-operative Societies ..	625	..	..	..	..	625	
IND-50	Establishment of Inter-State Sales Depots (Calcutta and Sirinagar) ..	..	..	..	..	..	..	
IND-51	Credit facilities to Handloom Weavers Co-operative Societies, subsidies in rate of interest of R.B.I. Loans ..	..	..	..	..	..	..	
IND-52	Setting up of weavers Colonies at Hoshiarpur, Kanral, Kangra, Jullundur ..	..	..	..	..	..	..	
IND-53	Setting up of experimental Weaving Centres as parts of Housing Colonies ..	..	..	..	..	..	..	



## SUB-HEAD NO. 16—INDUSTRIES—CONTD

## DETAILED STATEMENT III—CONTD

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in Man-years

No. of Scheme	Name of Scheme	Adminis- trative and Clerical	TECHNICAL				Others including Class IV employees	Total
			Degree level	Diploma or Certificate level	Skilled workers not included under columns 4 and 5			
1	2	3	4	5	6	7	8	
NEW SCHEMES—CONTD								
IV. HANDLOOM— <i>concl'd</i>								
IND-54	Supply of improved Appliances	..	..	..	..	..	..	
IND-55	Setting up Two Dye Houses at Jullundur and Kangra	..	..	..	..	..	..	
IND-56	Setting up of Press Machines and facilities to Weavers (Wool) Kangra District	..	..	..	..	..	..	
IND-57	Contribution towards losses of yarn Supply	..	..	..	..	..	..	
IND-58	Field staff for the Handloom Organisation	..	50	..	..	10	60	
IND-59	Participation in exhibitions and shows	..	..	..	..	..	..	
IND-60	Inspection and Stamping staff for the Apex Co-operative Society	..	20	..	..	4	24	
IND-61	Construction of Sheds for Wool Weavers	..	..	..	..	..	..	
IND-62	Publicity and Propaganda	..	..	..	..	..	..	
IND-63	Educative Tour of Weavers	..	..	..	..	..	..	
IND-64	Financial Assistance to the Weavers Apex Society for Supply of samples to prospec- tive buyers	..	..	..	..	..	..	
IND-65	Grant of Financial Assistance to Weavers in Hilly Areas in Co-operative Fold for purchase of improved app- liances	..	..	..	..	..	..	
IND-66	State Participation in Co- operative Spinning Mills	..	..	..	..	..	..	
IND-67	Carding Plant at Baijnath	..	15	..	..	15	30	
Total		..	710	..	..	29	739	

## SUB-HEAD NO. 16—INDUSTRIES—CONTD

## DETAILED STATEMENT III—CONTD

## (EMPLOYMENT POTENTIAL)

## Direct Employment to be provided in Man-years

No. of Scheme	Name of Scheme	Adminis- trative and Clerical	TECHNICAL		Skilled workers not includ- ed under columns 4 and 5	Others including Class IV employees	Total
			Degree level	Diploma or Certi- ficate level			
1	2	3	4	5	6	7	8
NEW SCHEMES—contd							
V. HANDICRAFTS							
IND-68	Training Centres in Carpet Weaving at Kandaghat, Amritsar ..	4	..	10	..	5	19
IND-69	Training Centre in Druggets at Kulu/Panipat ..	4	..	10	..	5	19
IND-70	Training Centre for manufacturing Artistic Brass Wares and metallic inlay work, Jagadhri, Rewari/Phagwara ..	5	..	10	..	5	20
IND-71	Training-cum-Production Centre for Phulkaries in Ambala District ..	4	..	10	..	5	19
IND-72	Training Centre for Lacquer work at Hoshiarpur/Jullundur ..	4	..	10	..	5	19
IND-73	Training Centre for Musical Instruments at Jullundur and Gurgaon ..	4	..	10	..	5	19
IND-74	Training Centre for Wood Carving, Decorative furniture and inlay work at Simla/Kulu ..	4	..	10	..	5	19
IND-75	Pottery Training Centre at Jawali ..	5	..	15	50	5	75
IND-75	Training Centre for Stone and Marble Carving at Narnaul ..	5	..	10	..	5	20
IND-77	Training Centre for Artistic Articles at Mukerian ..	4	..	10	..	5	19
IND-78	Training Centre in Handicrafts at Malerkotla ..	10	5	25	..	10	50
IND-79	Training Centre for making Horn articles at Jullundur/Rohtak ..	4	..	10	..	5	19
IND-80	Organisation of the office of the Marketing Officer-cum-Manager, Government Arts and Crafts Emporium, Patiala ..	40	10	..	..	25	75
IND-81	Re-organisation of Cottage Industries Museum and Emporium, New Delhi ..	..	..	..	..	5	5
IND-82	Establishment of Handicrafts Sales Section in the Sales Depots, in the State ..	50	..	..	..	..	50

## SUBHEAD NO 16—INDUSTRIES—CONTD

## DETAILED STATEMENT III—CONTD

(EMPLOYMENT POTENTIAL)

Date Employment to be provided in Man-years

No. of Scheme	Name of the Scheme	Adminis- trative and Clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including Class IV employees	Total
			Degree level	Diploma or Certi- ficate level			
1	2	3	4	5	6	7	8
NEW SCHEMES— <i>contd</i>							
V. HANDICRAFTS— <i>concl'd</i>							
IND-83	Re-organisation of Regional Sales Emporia at Malerkotla and Phagwara ..	15	..	..	..	10	25
IND-84	Construction of building for cottage Industries Museum and Emporium, Chandigarh ..	..	..	..	..	..	..
IND-85	Central Design and Research Centre for Handicrafts, Chandigarh ..	34	30	24	..	32	120
IND-86	Development of Handicrafts through Co-operatives ..	319	..	..	..	5104	5423
IND-87	Development of Handicrafts through women Co-operatives ..	900	..	..	..	13500	14400
IND-88	Mat and Basket Making Centre, Hamirpur ..	5	..	10	..	5	20
IND-89	Opening of Cottage Industries Museum at Kulu ..	10	..	..	..	10	20
IND-90	Aid to Private Institutions ..	15	..	..	..	5	20
IND-91	Opening of 10 Certificate Schools for Girls ..	30	..	30	..	60	120
IND-92	Opening of 9 Diploma Schools for Girls ..	42	..	84	..	84	210
IND-93	Re-organisation of 11 existing Industrial Schools for Girls ..	..	..	115	..	..	115
IND-94	Facilities for training of teachers ..	..	..	..	..	..	..
IND-95	Revision of grades of technical staff of Industrial Schools for Girls ..	..	..	..	..	..	..
IND-96	Revision of rates of Government Scholarships and stipends ..	..	..	..	..	..	..
IND-97	Construction of additional buildings for Central Crafts institute for Women, Chandigarh ..	..	..	..	..	..	..
IND-98	Re-organisation of Punjab Cottage Industries Museum and Emporium, Amritsar ..	8	..	..	..	8	16
Total ..		1525	45	403	50	18913	20936

## SUB-HEAD NO. 16—INDUSTRIES—CONTD

## DETAILED STATEMENT III—CONTD

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in Man-years

No. of Scheme	Name of Scheme	Adminis- trative and Clerical	TECHNICAL			Skilled workers not included under columns 4 and 5	Others including Class IV employees	Total
			Degree level	Diploma or Certi- ficate level				
1	2	3	4	5	6	7	8	
NEW SCHEMES— <i>contd</i>								
VI. SERICULTURE								
IND-99	Scheme for the propagation of Mulberry Plantation in the Punjab	..	2	7	..	35	44	
IND-100	Establishment of one plantation-cum-Demonstration farm in Kulu Valley	..	..	..	..	..	..	
IND-101	Establishment of Chowki Rearing Centre in Nurpur Tehsil..	..	..	..	3000	..	3000	
IND-102	Scheme for bonus to Mulberry Growers	..	..	..	..	..	..	
IND-103	Establishment of Filature on Demonstration basis	..	1	1	1	2	5	
IND-104	Scheme for Field Organisation for Controlling Sericulture Schemes	..	9	7	..	4	20	
IND-105	Development of Sericulture through individuals	..	..	..	..	..	..	
IND-106	Development of Sericulture through Co-operatives	..	..	..	..	..	..	
IND-107	Establishment of Apex for Sericulture	..	..	..	..	..	..	
IND-108	Production and supply of disease free silk seed	..	1	10	6	4	21	
IND-109	Establishment of an applied Sericulture Laboratory (conducting of Experiments and tests in Sericulture at Nagrota and Sujampur	..	1	2	2	1	6	
IND-110	Provision of Heating and cooling arrangements in the Rearing building constructed under the scheme—Establishment of Chowki Rearing on Japanese lines	..	..	..	..	..	..	
IND-111	Establishment of six chowki Rearing Centres	..	..	6	6	..	12	
Total		..	12	11	26	3013	46	3108

## SUB-HEAD NO. 16--INDUSTRIES--CONTD

## DETAILED STATEMENT III--CONTD

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in Man-years

No. of Scheme	Name of Scheme	Adminis- trative and Clerical	TECHNICAL			Skilled workers not included under columns 4 and 5	Others including Class IV employees	Total
			Degree level	Diploma or Certificate level				
1	2	3	4	5	6	7	8	
<b>NEW SCHEMES--contd</b>								
<b>III. DEVELOPMENT OF KHADI AND VILLAGE INDUSTRIES</b>								
IND-112	Development of Khadi and Village Industries	..	52	..	256	61	32	401
	Total	..	52	..	256	61	32	401
	Total of New Schemes]		9733	517	2843	3182	91748	108023
	Grand Total (Spill over and New Schemes)	..	9772	531	2889	3182	91823	108197

Notes.--1. Man-year means one person employed for one year.

2. If a person is likely to continue in employment for five years, five man-years have been counted

## SUB-HEAD No. 16—INDUSTRIES—CONTD

## DETAILED STATEMENT—IV

(PHYSICAL TARGETS)

No. of Scheme	Item	Unit	Position at the end of the Second Plan on 31st March, 1961	Additional targets planned to be achieved during the Third Plan period (April, 1961 to March, 1966)	Likely position at the end of the Third Plan on 31st March, 1966
1	2	3	4	5	6
<b>I. DEVELOPMENT OF LARGE AND MEDIUM INDUSTRIES IN PUNJAB</b>					
IND-17	(i) Factories to be assisted	.. No.	3	2	5
	(ii) Government participation in share capital	.. (000) Rs	3210	25010	28220
	(iii) Industrial areas to be developed	.. No.	3 { Panipat Batala Morinda	1 Kangra District	4
<b>II. DEVELOPMENT OF MINES AND MINERALS</b>					
IND-18	(i) Strengthening of staff for Geological survey operations—Persons	No.		10	10
	(ii) Grant for construction of roads	.. Lakh Rs	..	400	400
	(iii) Loans for the purchase of mining equipment	.. Lakh Rs	..	150	150
<b>III. SMALL-SCALE INDUSTRIES</b>					
IND-19	Extension of quality Marking Scheme—				
	(i) Centres to be established	No.	10	7	17
	(ii) Units to be registered	.. No.	..	2000	2000
IND-20	Industrial Development Centres—				
	Centres to be set up	.. No.	..	79	79
IND-22 and IND-23	Credit facilities for Small Scale Industries—				
	(i) Parties to be benefited with loan	No.	8845	8730	15775
	(ii) Parties to be benefited with subsidies	No.	235	500	735
IND-26	Industrial Estates/Colonies and Sheds—				
	(i) Estates to be established	.. No.	5	39	94
	(ii) Colonies to be constructed	.. No.	..	10	10
	(iii) Sheds to be constructed	.. No.	335	590	925

## SUB-HEAD No. 16—INDUSTRIES—CONTD

## DETAILED STATEMENTS—IV

(PHYSICAL TARGETS)

No. of Scheme	Item	Unit	Position at the end of the Second Plan on 31st March, 1961	Additional targets planned to be achieved during the Third Plan period (April, 1961 to March, 1966)	Likely position at the end of the Third Plan on 31st March 1966
1	2	3	4	5	6
IND-28	Study tours of co-operative members—				
	Members to be sent on study tours	No.	..	1000	1000
IND-29	Societies to be organised/financed—				
	(i) Societies to be organised	.. No.	4934	5900	10834
	(ii) Societies to be financed	.. No.	..	1200	1200
IND-33	Additional Staff—				
	Staff to be appointed	.. No.	304	500	804
IND-35	Rural Artisans Training Centres—				
	(i) Centres to be set up	.. No.	..	18	18
	(ii) Persons to be trained	.. No.	..	1080	1080
IND-40 and IND-41	Industrial Schools for boys—				
	(i) Students to be admitted	.. No.	262	944	1206
	(ii) Buildings to be Constructed	.. No.	..	10	10
IND-42	Common Service Facility Centre for Tea Industry to be set up	.. No.	..	1	1
IV. HANDLOOM					
IND-46	State participation in share capital of Handloom Apex Society—				
	Amount to be contributed	.. (000) Rs	..	50	50
IND-47	Loans to purchase shares—				
	Weavers to be benefited	.. No.	265	3000	3265
IND-48	Rebate on the sale of handloom cloth—				
	(i) Rebate (Value)	.. Lakh Rs	10.81	6.00	16.81
	(ii) Cloth to be sold (Value)	.. Lakh Rs	165.88	120.00	285.88
IND-49	Managerial subsidy to Co-operative Societies—				
	Societies to be benefited	.. No.	..	200	200
IND-50	Inter-state Sales Depots to be opened	.. No.	..	2	2

## SUB-HEAD No. 16—INDUSTRIES—CONTD

## DETAILED STATEMENT—IV

(PHYSICAL TARGETS)

No. of Scheme	Item	Unit	Position at the end of the Second Plan on 31st March, 1961	Additional targets planned to be achieved during the Third Plan period (April, 1961 to March, 1966)	Likely position at the end of the Third Plan on 31st March, 1966
1	2	3	4	5	6
IND-51	Subsidy on R.B.I. loans—				
	(i) Societies to be benefited ..	No.	66	750	816
	(ii) Subsidy ..	(000) Rs	11	60	71
IND-52	Setting up of Weavers Colonies—				
	Houses to be constructed ..	No.	57	115	172
IND-53	Establishment of weaving centres ..	No.	..	4	4
IND-54	Supply of improved appliances—				
	(i) Value ..	(Lakh Rs)	2.66	4.18	6.84
	(ii) Societies to be benefited ..	No.	461	350	811
IND-55	Dye Houses to be established ..	No.	1	2	3
IND-56	Supply of Press Machines—				
	(i) Value of hand presses ..	(000) Rs	..	20	20
	(ii) Societies to be benefited ..	No.	..	100	100
IND-57	Supply of yarn—				
	Losses to be subsidised (Value) ..	(000) Rs	..	24	24
IND-59	Exhibition and shows to be held ..	No.	21	30	51
IND-60	Standardisation of handloom cloth—				
	Stamping staff to be appointed ..	No.	..	5	5
IND-61	Sheds for Wool Weavers—				
	Sheds to be constructed ..	No.	..	50	50
IND-62	Educative tours of Weavers—				
	Weavers to be benefited ..	No.	30	150	180
IND-64	Free supply of samples—				
	Samples to be supplied (Value) ..	(000) Rs	14	25	39
IND-66	State Participation in Co-operative Spinning Mills—				
	Amount to be contributed ..	(Lakh Rs)	2	10	12
IND-67	Carding Plant to be established ..	No.	..	1	1



## SUB-HEAD No. 16—INDUSTRIES—CONTD

## DETAILED STATEMENT—IV

(PHYSICAL TARGETS)

No. of Scheme	Item	Unit	Position at the end of the Second Plan on 31st March, 1961	Additional targets planned to be achieved during the Third Plan period (April, 1961 to March, 1966)	Likely position at the end of the Third Plan on 31st March, 1966
1	2	3	4	5	6
IND-68 } to IND-79 }	Artisans to be trained	.. No.	183	1180	1363
V. HANDICRAFTS					
IND-82	New Sale Units (Emporia/Depots) to be set up	.. No.	7	12	19
IND-86 } and IND-87 }	Handicrafts Societies to be financed	.. No.	232	400	632
IND-91 } to IND-93 }	Industrial Schools for girls—				
	(i) Students to be trained	.. No.	1846	1580	3426
	(ii) Buildings to be constructed	.. No.	1	8	9
	(iii) Schools to be opened	.. No.	15	19	34
VI. SERICULTURE					
IND-99	Plantation of Mulberry saplings/trees—				
	(i) Saplings	.. No.	..	122500	122500
	(ii) Trees	.. No.	..	3000	3000
	Incubation of silk seeds —				
	Silk seed to be incubated	.. ..	..	8500	8500
IND-101	Reeling of dry cocoons—				
	Dry cocoons to be reeled	.. No.	..	6000	6000
IND-102	Bonus for mulberry trees	.. No.	..	400000	400000
IND-105	Rearers to be benefited with—				
	(i) Grant	.. No.	..	1000	1000
	(ii) Loans	.. No.	..	20	20
IND-106	Co-operative Societies to be organised—				
	(i) No. of Societies	.. No.	..	100	100
	(ii) No. of families to be benefited	.. No.	..	1000	1000
IND-108	Production of silk seed—				
	Silk seed to be produced	.. Ozs	3600	6000	9600
IND-109	Research laboratories to be set up	.. No.	..	2	2

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**17. ROADS**

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**SUB-HEAD No. 17—ROADS**  
**DETAILED STATEMENT—I**  
(FINANCIAL OUTLAY)

Third Plan Provision (Net)‡ 1. Total .. 120000  
2. Capital .. 111000  
3. Revenue .. 9000

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET‡		Foreign exchange involved in column 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/ BOARD		Centre's share in case of Centrally Sponsored Schemes	Total Columns (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
RD-1	Spillover from the Second Plan to the Third plan ..	68548	68548	..	..	..	..	..	..	68548
RD-2	Main Roads (Works provided in Second Plan but not started during that plan period) ..	13128	13128	..	..	..	..	..	..	13128
RD-3	Widening of existing roads and strengthening the crust and other improvements ..	3000	3000	..	..	..	..	..	..	3000
RD-4	Reconditioning of roads in water-logged areas ..	2500	2500	..	..	..	..	..	..	2500
RD-5	Drainage along roadside ..	200	200	..	..	..	..	..	..	200
RD-6	Link roads within Municipal limits ..	300	300	..	..	..	..	..	..	300
RD-7	Approach roads to main roads, towns, railway stations and religious places ..	4000	4000	..	..	..	..	..	..	4000
RD-8	Village Roads Co-operative Development Schemes ..	3000	3000	..	..	..	..	..	..	3000
RD-9	Main Roads (New Roads) ..	3124	3124	..	..	..	..	..	..	3124
RD-10	New Bridges ..	2000	2000	..	..	..	..	..	..	2000
RD-11	Machinery and other Tools and Plant ..	2000	2000	500	..	..	..	..	..	2000
RD-12	Research work (Building and equipment) ..	500	500	..	..	..	..	..	..	500
RD-13	Establishment ..	8700	8700	..	..	..	..	..	..	8700
RD-14	C.R.F. Allocation Account ..	9000	..	..	..	..	..	..	..	9000
	<b>Total</b> ..	<b>120000</b>	<b>111000</b>	<b>500</b>	<b>750</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>120750</b>

‡Includes only the State share in the case of Centrally Sponsored Schemes.

**SUB-HEAD No. 17—ROADS**

**DETAILED STATEMENT—II**

(BREAK UP OF FINANCIAL OUTLAY)

(Thousand Rs)

BREAK UP OF THE FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS

No. of Scheme	Name of Scheme	Financial Provision	BREAK UP OF THE FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS							Total
			Staff (including labour)	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	
1	2	3	4	5	6	7	8	9	10	11
RD-1	Spillover from the Second to the Third Plan ..	68548	24345	32748	9720	1735	..	..	..	68548
RD-2	Main Roads (Works provided in Second Plan but not started during that plan period)	13128	5560	5848	1720	..	..	..	..	13128
RD-3	Widening of existing roads and strengthening the crust and other improvements ..	3000	1320	1680	..	..	..	..	..	3000
RD-4	Reconditioning of roads in water-logged areas	2500	1140	1360	..	..	..	..	..	2500
RD-5	Drainage along the roadside ..	200	200	..	..	..	..	..	..	200
RD-6	Link roads within municipal limits ..	300	96	204	..	..	..	..	..	300
RD-7	Approach roads to main roads, towns, railway stations and religious places ..	4000	1270	2100	630	..	..	..	..	4000
RD-8	Village Roads Co-operative Development schemes ..	3000	1050	1500	450	..	..	..	..	3000
RD-9	Main roads (new roads) ..	3124	1144	1530	450	..	..	..	..	3124
RD-10	New bridges ..	2000	980	1020	..	..	..	..	..	2000
RD-11	Machinery and other Tools and Plant ..	2000	..	..	..	2000	..	..	..	2000
RD-12	Research Work (Building and equipment) ..	500	140	140	* 20	200	..	..	..	500
RD-13	Establishment ..	8700	8700	..	..	..	..	..	..	8700
RD-14	C.R.F. allocation account ..	9000	3610	4400	990	..	..	..	..	9000
	<b>Total</b>	<b>120000</b>	<b>49555</b>	<b>52530</b>	<b>13980</b>	<b>3935</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>120000</b>

**SUB-HEAD No. 17—ROADS**  
**DETAILED STATEMENT—III**  
**(EMPLOYMENT POTENTIAL)**

Direct employment to be provided in man-years

No. of Scheme	Name of Scheme	Adminis- trative and Clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including Class IV employees	Total
			Degree level	Diploma or certificate			
1	2	3	4	5	6	7	8
RD-1	Spillover from the Second to the Third Plan ..	459	86	421	5670	36450	43086
RD-2	Main roads (works provided in Second Plan but not started during that Plan period) ..	83	15	76	1021	6561	7756
RD-3	Widening of existing roads and strengthening the crust and other improvements ..	20	4	14	255	1640	1933
RD-4	Reconditioning of roads in water-logged areas ..	16	3	11	204	1312	1546
RD-5	Drainage along the road side ..	1	..	1	14	87	103
RD-6	Link road within Municipal limits ..	2	..	1	20	131	154
RD-7	Approach roads to main roads, towns, railway stations and religious places ..	27	5	25	337	2165	2559
RD-8	Village roads Co-operative Development Schemes ..	..	..	..	..	..	..
RD-9	Main Roads (new roads) ..	20	4	14	255	1640	1933
RD-10	New Bridges ..	13	3	13	168	1083	1280
RD-11	Machinery and other Tools and Plant ..	2	..	2	250	250	504
RD-12	Research work (building and equipment) ..	2	1	2	24	87	166
RD-13	Establishment ..	..	..	..	..	..	..
RD-14	C.R.F. allocation account ..	58	10	53	715	4593	5429
	<b>Total</b> ..	<b>703</b>	<b>131</b>	<b>633</b>	<b>8933</b>	<b>55999</b>	<b>66399</b>

Notes.—(1) Man-year means one person employed for one year.

(2) If a person is likely to continue in employment for 5 years, 5 man-years have been counted.

**SUB-HEAD No. 17—ROADS**  
**DETAILED STATEMENT—IV**  
**(PHYSICAL TARGETS)**

Serial No.	Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)	REMARKS
1	New construction of Road (Bituminous)	Miles	6307	1364	7883**	
2	Improvements to existing roads (widening, etc.)	Miles	..	60	..	
3	Reconditioning of roads in water-logged areas	..	..	50	..	
4	Major Bridges—					
	(i) Under Construction	No.	..	5	..	Minor bridges and culverts are generally provided in the project estimate of the road concerned and no targets, therefore, are fixed
	(ii) New	No	..	5	..	

\*\*Includes 162 miles to be built under non-plan schemes.

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**18. ROAD TRANSPORT**

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**SUB-HEAD No. 18— ROAD TRANSPORT**

**DETAILED STATEMENT—I**

(FINANCIAL OUTLAY)

Third Plan provision (net)‡ ..	1. Total ..	6000
	2. Capital ..	6000
	3. Revenue ..	..

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET‡		Foreign exchange involved in Col. 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD †		Centre's share in case of Centrally-sponsored Schemes	TOTAL Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
RT-1	Nationalisation of Passengers and Goods Transport—Mandi-Kulu Road Transport Corporation Scheme..	1500	1500	..	..	..	..	..	..	1500
RT-2	Nationalisation of Passenger Transport—Pepsu Road Transport Corporation ..	4500	4500	..	..	..	..	..	..	4500
	Total ..	6000	6000	..	..	..	..	..	..	6000

‡Includes only the State share in the case of Centrally-sponsored Schemes.

**SUB-HEAD No. 18—ROAD TRANSPORT**

**DETAILED STATEMENT—II**

(BREAK UP OF FINANCIAL OUTLAY)

(Thousand Rs)

BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS

No. of Scheme	Name of Scheme	Financial Provision	BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS							
			Staff	Material and building	Land	Equipment, Machinery and cost of vehicles	Loan	Subsidy or grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
RT-1	Nationalisation of Passengers and Goods Transport—Mandi-Kulu Road Transport Corporation Scheme	1500	..	200	..	1300	..	..	..	1500
RT-2	Nationalisation of Passenger Transport—Pepsu Road Transport Corporation	4500	..	225	..	160	..	..	4115	4500
	<b>Total</b>	<b>6000</b>	<b>..</b>	<b>425</b>	<b>..</b>	<b>1460</b>	<b>..</b>	<b>..</b>	<b>4115</b>	<b>6000</b>

**SUB-HEAD No. 18—ROAD TRANSPORT**

**DETAILED STATEMENT—III**

(EMPLOYMENT POTENTIAL)

Direct employment to be provided in man-years

No. of Scheme	Name of Scheme	Administration and clerical	TECHNICAL		Skilled workers not included under Cols. 4 and 5	Others including Class IV employees	Total
			Degree level	Diploma or certificate level			
1	2	3	4	5	6	7	8
RT-1	Nationalisation of Passengers and Goods Transport—Mandi-Kulu Transport Corporation Scheme	148	..	22	..	22	192
RT-2	Nationalisation of Passenger Transport—Pepsu Road Transport Corporation	230	..	137	69	127	563
	Total	378	..	159	69	149	755

*Note.*—(1) Man-year means one person employed for one year.

(2) If one person is likely to continue in employment for five years, 5 man-years have been counted.

**SUB-HEAD No. 18—ROAD TRANSPORT**

**DETAILED STATEMENT— IV**

(PHYSICAL TARGETS)

No. of Scheme	Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)
1	2	3	4	5	6
RT-1	Mandi-Kulu Road Transport Corporation Scheme—				
	(i) Operational Mileage	.. Miles	..	1204500	1204500
	(ii) Fleet strength	.. No. of vehicles	..	41	41
	(iii) Participation in share capital	.. Lakh Rs	..	15.00	15.00
RT-2	Pepsu Road Transport Corporation				
	(i) Diesel Buses	.. No.	..	105	105
	(ii) Route Mileage	.. Miles	..	1634	1634

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**19. GENERAL EDUCATION**

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**SUB-HEAD No. 19 - GENERAL EDUCATION**

**DETAILED STATEMENT—I**

(FINANCIAL OUTLAY)

Third Plan provision (Net)† ..	1. Total	• ..	177700
	2. Capital	..	23472
	3. Revenue	..	154228

(Thousand Rs)

Number of Scheme	Name of Scheme	†COST NET†		Foreign exchange involved in Col. 3	Public contribution	Income if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally-sponsored Scheme	Total Columns (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
	<b>1. SPILLOVER SCHEMES</b>									
GE-1	Construction of building of Basic Training School, Kulu ..	150	150	..	..	..	..	..	..	150
GE-2	Construction of buildings of Government Basic Training Schools in selected areas in the State ..	413	413	..	..	..	..	..	..	413
GE-3	Staff in Higher Secondary Schools which have switched over to Higher Secondary Pattern ..	600	..	..	..	..	..	..	..	600
GE-4	Conversion of existing High Schools into Multipurpose and Higher Secondary Schools and other allied Schemes ..	539	539	..	..	..	..	..	..	539
GE-5	Completion of buildings of Women Colleges ..	1339	1339	..	..	..	..	500	..	1839
GE-6	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 ..	12	12	..	..	..	..	..	..	12



**SUB-HEAD No. 19—GENERAL EDUCATION**

**DETAILED STATEMENT—I—CONTD**

(FINANCIAL OUTLAY)

(Thousand Rs)

Number of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in Col. 3	Public contribution	Income if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally Sponsored Scheme	Total Columns (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
<b>I. SPILLOVER SCHEMES—CONCLD</b>										
GE-7	Completion of buildings of Government Girls High Schools, Ambala, Kaithal and Rupar ..	176	176	..	..	..	..	..	..	176
GE-8	Completion of building of College of Education, Kurukshetra ..	267	267	..	..	..	..	..	..	267
GE-9	Improvement of buildings of Government Colleges ..	283	283	..	..	..	..	..	..	283
Total I (Spillover Schemes) ..		3779	3179	..	..	..	..	500	..	4279
<b>II. NEW SCHEMES</b>										
*GE-10	Establishment of Extension Service Project in Basic Training Schools ..	5	..	..	..	..	..	..	40	45

*GE-11	Grant-in-aid to Hindi/Sanskrit Pathshalas ..	40	..	..	..	..	..	..	160	200
*GE-12	Setting up of a Research, Guidance and Evaluation Unit ..	..	..	..	..	..	..	..	100	100
*GE-13	Promotion of sports and games..	2050	550	..	..	..	..	..	3150	5200
GE-14	Free and Compulsory Primary Education--Provision of educational facilities for children of age-group 6-11 ..	64293	455	..	..	..	..	..	..	64293
GE-15	Additional teachers training facilities to cope with the demand for teachers for free and compulsory Primary Education ..	2000	1080	..	..	..	..	..	..	2000
GE-16	Training of Women Instructors in Crafts in Junior Basic Schools	200	100	..	..	..	..	..	..	200
GE-17	Residential quarters for women teachers and house-rent allowance to women teachers ..	500	..	..	..	..	..	..	..	500
GE-18	Provision of lavatories and drinking water facilities in girls schools	750	..	..	..	..	..	..	..	750
GE-19	Upgrading of Middle/High Schools to Higher Secondary Schools..	34418	8783	..	..	500	..	..	..	34418

\*Centrally Sponsored Schemes.

**SUB-HEAD No. 19—GENERAL EDUCATION**

**DETAILED STATEMENT—I—CONTD**

(FINANCIAL OUTLAY)

(Thousand Rs)

Number of Scheme	Name of Scheme	COST NET†		Foreign exchange involved in Col. 3	Public contribution	Income if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally Sponsored Scheme	Total Columns (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
<b>II. NEW SCHEMES—CONTD</b>										
GE-20	Introduction of teaching of Science in Government High Schools ..	354	..	..	..	..	..	..	..	354
GE-21	In Service training for Masters/Mistresses of High/Higher Secondary Schools ..	200	..	..	..	..	..	..	..	200
GE-22	In Service training of teachers of Multipurpose Schools. (Appointment of substitutes) ..	900	..	..	..	..	..	..	..	900
GE-23	Merit scholarships for poor brilliant students in High and Higher Secondary Schools ..	335	..	..	..	..	..	..	..	335
GE-24	Hostels for girls in High and Higher Secondary Schools ..	1520	..	..	..	..	..	..	..	1520
GE-25	Provision of Post-Graduate Course for Science Masters and Mistresses for Higher Secondary Schools (Financial assistance to Punjab University) ..	500	..	..	..	..	..	500	..	1000

GE-26	Upgrading of Government Inter College for Women, Sangrur to Degree College ..	266	150	..	..	..	..	266	..	532
GE-27	Conversion of four year degree colleges into 3 year pattern ..	6622	1135	..	..	..	..	3642	..	10264
GE-28	Improvement of buildings of existing Government Colleges ..	700	700	..	..	..	..	700	..	1400
GE-29	Improvement of Non-Government Colleges ..	2000	..	..	..	..	..	2000	..	4000
GE-30	Additional contingent grant to Government Colleges ..	250	..	..	..	..	..	250	..	500
GE-31	Additional staff for Government Colleges ..	400	..	..	..	..	..	400	..	800
GE-32	Re-organisation of Government Commerce College ..	105	..	..	..	..	..	105	..	210
GE-33	Setting up of a Home Science College ..	450	..	..	..	..	..	450	..	900
GE-34	Construction of Hostel for Government College for Women, Chandigarh and introduction of double shift ..	281	200	..	..	..	..	281	..	562
GE-35	Construction of buildings for Government Colleges (5 Colleges)	2000	2000	..	..	..	..	2000	..	4000
GE-36	Construction of Hostels for Government Colleges (5 Hostels) ..	1000	1000	..	..	..	..	1000	..	2000
GE-37	Setting up of New Government Colleges ..	1200	..	..	..	150	..	1200	..	2400
GE-38	Conversion of Government College of Physical Education into 3 year degree pattern ..	545	345	..	..	..	..	545	..	1090
GE-39	Opening of Nursery and Kindergarten Schools ..	378	160	..	..	..	..	..	..	378
GE-40	Improvement in Primary Schools	750	..	..	..	..	..	..	..	750
GE-41	Primary School Buildings for hill, flood-affected and backward areas	400	..	..	..	..	..	..	..	400

SUB-HEAD No. 19—GENERAL EDUCATION

DETAILED STATEMENT—I—CONTD

(FINANCIAL OUTLAY)

(Thousand Rs)

Number of Scheme	Name of Scheme	COST NET†		Foreign exchange involved in Col. 3	Public contribution	Income if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally Sponsored Scheme	Total Columns (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
† II. NEW SCHEMES—CONTD										
GE-42	Orientation of non-Basic Type Schools to Basic Type—provision of equipment and in-service training of teachers and A.D.I.'s ..	1000	..	..	..	..	..	..	..	1000
GE-43	Upgrading of Primary Schools to Middle Standard ..	10772	..	..	..	..	..	..	..	10772
GE-44	Introduction of Crafts in Middle Schools ..	1128	..	..	..	..	..	..	..	1128
GE-45	Additional staff for relieving congestion in Government Middle Schools for boys on account of increased enrolment ..	977	..	..	..	..	..	..	..	977
GE-46	Additional staff for relieving congestion in Government Middle Schools for Girls on account of increased enrolment ..	500	..	..	..	..	..	..	..	500
GE-47	Additional contingent grant for equipment to existing Middle Schools to cope with the increased enrolment ..	500	..	..	..	..	..	..	..	500

GE-48	Improvement in existing and construction of new buildings for Government Middle Schools ..	900	900	..	..	..	..	..	..	900
GE-49	Establishment of Senior Basic Model Schools ..	505	170	..	..	..	..	..	..	505
GE-50	Financial assistance to privately managed schools on account of free education and taking over of privately managed schools ..	1400	..	..	..	..	..	..	..	1400
GE-51	Additional staff for relieving congestion in boys High and Higher Secondary Schools ..	900	..	..	..	..	..	..	..	900
GE-52	Additional staff for relieving congestion in girls High and Higher Secondary Schools ..	600	..	..	..	..	..	..	..	600
GE-53	Additional contingent grant for High and Higher Secondary Schools ..	900	..	..	..	..	..	..	..	900
GE-54	Grant-in-aid to non-Government High and Higher Secondary Schools ..	3000	..	..	..	..	..	..	..	3000
GE-55	Improvement in existing and construction of new buildings for Government High and Higher Secondary Schools ..	900	900	..	..	..	..	..	..	900
GE-56	Provision of clerks in Government High and Higher Secondary Schools ..	600	..	..	..	..	..	..	..	600
GE-57	Taking over of privately-managed schools ..	4800	..	..	..	..	..	..	..	4800
GE-58	Opening of a school with emphasis on sports and games ..	800	..	..	..	..	..	..	..	800
GE-59	Grant-in-aid to Punjab University	2500	..	..	..	..	..	..	..	2500
GE-60	Grant-in-aid to Kurukshetra University ..	2000	..	..	..	..	..	..	..	2000
GE-61	Setting up of a Punjabi University	1000	..	..	..	..	..	..	..	1000

**SUB-HEAD No. 19—GENERAL EDUCATION**

**DETAILED STATEMENT—I—CONCLD**

(FINANCIAL OUTLAY)

(Thousand Rs)

Number of Scheme	Name of Scheme	COST NET‡		Foreign Exchange involved in Col. 3	Public contributions	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally-Sponsored Scheme	Total Columns (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
<b>II. NEW SCHEMES—CONCLD</b>										
GE-62	Setting up of a National College with emphasis on sports and games	1500	..	..	..	..	..	..	..	1500
GE-63	Merit scholarships for poor brilliant students	500	..	..	..	..	..	..	..	500
GE-64	Prizes for original contribution for Research in Science	5	..	..	..	..	..	..	..	5
GE-65	Grant-in-aid to Rural Institute, Rajpura	1600	..	..	..	..	..	..	..	1600
GE-66	Establishment of three Libraries in Districts	222	45	..	..	..	..	..	..	222
GE-67	Aid to Children Film Committee	200	..	..	..	..	..	..	..	200
GE-68	Expansion of N.C.C.	2000	..	..	..	..	..	..	..	2000
GE-69	Extension of A.C.C.	500	..	..	..	..	..	..	..	500
GE-70	Works projects at the Campus of Government Schools and Colleges	100	100	..	..	..	..	..	..	100

GE-71	Educations of mentally retarded children—Training of teachers and setting up of special classes ..	300	..	...	..	...	..	...	300	
GE-72	Development of Hindi ..	679	...	...	..	...	..	...	679	
GE-73	Introduction of Hindi in Administrative sphere ..	723	...	...	..	...	..	...	723	
GE-74	Re-organisation of Inspectorate ..	900	..	..	..	..	..	..	900	
GE-75	Re-organisation of Directorate ..	500	..	...	..	...	..	...	500	
GE-76	Strengthening of Statistical Organisation ..	400	...	..	..	...	..	...	400	
GE-77	Development of State Historical Record Office ..	25	..	..	..	..	..	..	25	
GE-78	Milk Feeding Programme for school children ..	2000	..	..	..	..	..	..	2000	
GE-79	Grant-in-aid to Kurukshetra University to re-imburse the expenditure incurred on the college of Education, Kurukshetra ..	600	..	..	..	..	..	..	600	
GE-80	Grant-in-aid to Planning Forums	58	..	..	..	..	..	..	58	
GE-81	Production of composite film regarding Punjab with particular reference to development work	15	..	..	..	..	..	..	15	
Total II (New Schemes) ..		173921	20293	..	..	650	..	13339	3450	190710
GRAND TOTAL ..		177700	23472	..	..	650	..	13839	3450	194989

‡Includes State share in case of Centrally Sponsored Schemes.



**SUB-HEAD NO. 19—GENERAL EDUCATION**  
**DETAILED STATEMENT—II**  
**(BREAK-UP OF FINANCIAL OUTLAY)**

(Thousand Rs)

BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS

Number of Scheme	Name of Scheme	Financial provision	Staff	Material and Building	Land	Equip- ment and Machinery	Loan	Subsidy or grant- in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
<b>I. SPILLOVER SCHEMES</b>										
GE-1	Construction of building of Basic Training School, Kulu ..	150	..	150	..	..	..	..	..	150
GE-2	Construction of building of Government Basic Training Schools in selected areas in the State ..	413	..	413	..	..	..	..	..	413
GE-3	Staff in Higher Secondary Schools which have switched over to Higher Secondary Pattern	600	600	..	..	..	..	..	..	600
GE-4	Conversion of existing High Schools into Multipurpose and Higher Secondary Schools and other allied schemes ..	539	..	539	..	..	..	..	..	539
GE-5	Completion of buildings of Women Colleges	1339	..	1339	..	..	..	..	..	1339
GE-6	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 ..	12	..	12	..	..	..	..	..	12
GE-7	Completion of buildings of Government Girls High Schools, Ambala, Kaithal and Rupar ..	176	..	176	..	..	..	..	..	176
GE-8	Completion of building of College of Education, Kurukshetra ..	267	..	267	..	..	..	..	..	267

GE-9	Improvement of buildings of Government Colleges	...	283	...	283	...	...	...	...	283	
Total I. (Spillover Schemes)		...	3779	600	3179	...	...	...	...	3779	
II. NEW SCHEMES											
*GE-10	Establishment of Extension Service Project in Basic Training Schools	...	45	40	...	...	...	...	5	45	
*GE-11	Grant-in-aid to Hindi/Sanskrit Pathshalas	..	200	...	...	...	...	200	...	200	
*GE-12	Setting up of a Research, Guidance and Evaluation Unit	...	100	90	...	...	...	...	10	100	
*GE-13	Promotion of Sports and Games	...	5200	400	1300	200	150	...	2250	900	5200
GE-14	Free and Compulsory Primary Education—Provision of educational facilities for children of age-group 6—11	...	64293	60236	455	...	...	...	200	3402	64293
GE-15	Additional Teachers Training facilities to cope with the demand for teachers for free and compulsory Primary education	...	2000	620	1080	...	...	...	...	300	2000
GE-16	Training of Women Instructors in Crafts in Junior Basic Schools	..	200	64	85	...	15	...	...	36	200
GE-17	Residential quarters for women teachers and house-rent allowance to women teachers	..	500	200	...	...	...	...	300	...	500
GE-18	Provision of Lavatories and drinking water facilities in girls schools	...	750	...	...	...	...	...	750	..	750
GE-19	Upgrading of Middle/High Schools to Higher Secondary Schools	..	34418	13245	8783	...	...	...	2000	10390	34418
GE-20	Introduction of teaching of Science in Government High Schools	..	354	248	..	...	...	...	...	196	354
GE-21	In-service Training for Masters/Mistresses of High/Higher Secondary Schools	...	200	..	...	...	...	...	200	...	200
GE-22	In-service Training of teachers of Multipurpose Schools (Appointment of substitutes)	...	900	900	...	...	...	...	...	..	900
GE-23	Merit Scholarships for poor brilliant students in High and Higher Secondary Schools	..	335	...	..	...	...	...	..	335	335
GE-24	Hostels for girls in High and Higher Secondary Schools	...	1520	...	1520	...	...	...	...	..	1520

**SUB-HEAD NO. 19—GENERAL EDUCATION**  
**DETAILED STATEMENT—II—CONTD**  
**(BREAK-UP OF FINANCIAL OUTLAY)**

(Thousand Rs.)

BREAK UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS

Number of Scheme	Name of Scheme	Financial provision	Staff	Material and Building	Land	Equip- ment and Machinery	Loan	Subsidy or grant- in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
<b>II. NEW SCHEMES—CONTD</b>										
GE-25	Provision of Post-Graduate Course for Science Masters and Mistresses for Higher Secondary Schools (Financial assistance to Punjab University)	500	..	..	..	..	..	500	..	500
GE-26	Upgrading of Government Intermediate College for Women, Sangrur, to Degree College	266	90	150	..	..	..	..	26	266
GE-27	Conversion of 4-year degree colleges into 3-year pattern	6622	2507	1135	..	..	..	2980	..	6622
GE-28	Improvement of buildings of existing Government Colleges	700	..	700	..	..	..	..	..	700
GE-29	Improvement of non-Government Colleges	2000	..	..	..	..	..	2000	..	2000
GE-30	Additional contingent grant to Government Colleges	250	..	..	..	..	..	..	250	250
GE-31	Additional staff for Government Colleges	400	400	..	..	..	..	..	..	400
GE-32	Re-organisation of Government Commerce College	105	55	..	..	..	..	..	50	105
GE-33	Setting up of a Home Science College	450	250	..	..	..	..	..	200	450
GE-34	Construction of Hostel for Government Colleges for Women, Chandigarh, and introduction of double shift	281	81	200	..	..	..	..	..	281

GE-35	Construction of buildings for Government Colleges (Five Colleges)	2000	..	2000	..	..	..	..	..	2000
GE-36	Construction of Hostels for Government Colleges (Five Hostels)	1000	..	1000	..	..	..	..	..	1000
GE-37	Setting up of new Government Colleges	1200	900	..	..	..	..	..	300	1200
GE-38	Conversion of Government College of Physical Education into 3-year Degree Pattern	545	180	345	..	..	..	..	20	545
GE-39	Opening of Nursery and Kindergarten Schools	378	194	160	..	..	..	..	29	378
GE-40	Improvement in Primary Schools	750	..	..	..	..	..	..	750	750
GE-41	Primary School buildings for hill flood-affected and backward areas	400	..	..	..	..	..	400	..	400
GE-42	Orientation of non-Basic Type Schools to Basic Type—provision of equipment and in-service training of teachers and A.D.Is.	1000	200	..	..	..	..	..	800	1000
GE-43	Upgrading of Primary Schools to Middle Standard	10772	10030	..	..	..	..	..	742	10772
GE-44	Introduction of Crafts in Middle Schools	1128	672	..	..	..	..	..	456	1128
GE-45	Additional staff for relieving congestion in Government Middle Schools for boys on account of increased enrolment	977	977	..	..	..	..	..	..	977
GE-46	Additional staff for relieving congestion in Government Middle Schools for Girls on account of increased enrolment	500	500	..	..	..	..	..	..	500
GE-47	Additional contingent grant for equipment to existing Middle Schools to cope with the increased enrolment	500	..	..	..	..	..	..	5	500
GE-48	Improvement in existing and construction of new buildings for Government Middle Schools	900	..	900	..	..	..	..	..	900
GE-49	Establishment of Senior Basic Model Schools	505	200	170	..	..	..	..	135	505
GE-50	Financial assistance to privately-managed schools on account of free education and taking over of privately-managed schools	1400	700	..	..	..	..	700	..	1400

**SUB-HEAD NO. 19--GENERAL EDUCATION**  
**DETAILED STATEMENT--II--CONTD**  
**(BREAK-UP OF FINANCIAL OUTLAY)**

(Thousand Rs)

BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS

Number of Scheme	Name of scheme	Financial provision	Staff	Material and Building	Land	Equip- ment and Machinery	Loan	Subsidy or grant- in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
	II. NEW SCHEMES--CONTD									
GE-51	Additional staff for relieving congestion in boys High and Higher Secondary Schools	900	900	..	..	..	..	..	..	900
GE-52	Additional staff for relieving congestion in girls High and Higher Secondary Schools	600	600	..	..	..	..	..	..	600
GE-53	Additional contingent grant for High and Higher Secondary Schools	900	..	..	..	..	..	..	900	900
GE-54	Grant-in-aid to non-Government High and Higher Secondary Schools	3000	..	..	..	..	..	3000	..	3000
GE-55	Improvement in existing and construction of new buildings for Government High and Higher Secondary Schools	900	..	900	..	..	..	..	..	900
GE-56	Provision of Clerks in Government High and Higher Secondary Schools	600	600	..	..	..	..	..	..	600
GE-57	Taking over of privately-managed schools	4800	4000	..	..	..	..	..	800	4800
GE-58	Opening of a school with emphasis on sports and games	800	230	..	..	..	..	..	570	800
GE-59	Grant-in-aid to Punjab University	2500	..	..	..	..	..	2500	..	2500
GE-60	Grant-in-aid to Kurukshetra University	2000	..	..	..	..	..	2000	..	2000
GE-61	Setting up of a Punjabi University	1000	..	..	..	..	..	1000	..	1000

GE-62	Setting up of a National College with emphasis on sports and games ..	1500	625	..	..	..	..	..	875	1500
GE-63	Merit scholarships for poor brilliant students ..	500	..	..	..	..	..	..	500	500
GE-64	Prizes for original contribution for Research in Science ..	5	..	..	..	..	..	..	5	5
GE-65	Grant-in-aid to Rural Institute, Rajpura ..	1600	..	..	..	..	..	1600	..	1600
GE-66	Establishment of three Libraries in Districts	222	117	45	..	..	..	..	60	222
GE-67	Aid to Children Film Committee ..	200	..	..	..	..	..	200	..	200
GE-68	Expansion of N. C. C. ..	2000	419	..	..	..	..	..	1581	2000
GE-69	Extension of A. C. C. ..	500	112	..	..	..	..	..	388	500
GE-70	Works projects at the campus of Government Schools and Colleges ..	100	..	100	..	..	..	..	..	100
GE-71	Education of mentally retarded children— Training of teachers and setting up of special classes ..	300	270	..	..	..	..	..	30	300
GE-72	Development of Hindi ..	679	132	..	..	..	..	79	468	679
GE-73	Introduction of Hindi in administrative sphere ..	723	103	..	..	..	..	..	620	723
GE-74	Re-organisation of Inspectorate ..	900	900	..	..	..	..	..	..	900
GE-75	Re-organisation of Directorate ..	500	500	..	..	..	..	..	..	500
GE-76	Strengthening of statistical organisation ..	400	360	..	..	..	..	..	40	400
GE-77	Development of State Historical Record Office ..	25	..	..	..	..	..	..	25	25
GE-78	Milk Feeding Programme for School children	2000	..	..	..	..	..	..	2000	2000
GE-79	Grant-in-aid to Kurukshetra University to re-imburse the expenditure incurred on the College of Education, Kurukshetra ..	600	..	..	..	..	..	600	..	600

**SUB-HEAD NO. 19—GENERAL EDUCATION**  
**DETAILED STATEMENT—II—CONCLD**  
**(BREAK-UP OF FINANCIAL OUTLAY)**

(Thousand Rs)

Number of Scheme	Name of Scheme	BREAK UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS								
		Financial provision	Staff	Material and Building	Land	Equip-ment and Machinery	Loan	Subsidy or grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
<b>II. NEW SCHEMES—CONCLD</b>										
GE-80	Grant-in-aid to Planning Forums ..	58	..	..	..	..	..	58	..	58
GE-81	Production of composit film regarding Punjab with particular reference to development work ..	15	..	..	..	..	..	..	15	15
	Total II-New Schemes ..	177371	103847	21028	200	165	..	23517	28614	177371
	Grand Total ..	181150*	104447	24207	200	165	..	23517	28614	181150

\*Including Central share of Rs 34.50 lakhs in respect of Schemes No. GE-10, 11, 12 and 13.

**SUB-HEAD No. 19—GENERAL EDUCATION**  
**DETAILED STATEMENT—III (EMPLOYMENT POTENTIAL)**  
 (DIRECT EMPLOYMENT TO BE PROVIDED IN MAN YEARS)

No. of Scheme	Name of Scheme	Admn. and Clerical	TECHNICAL				Total
			Degree level	Diploma or certificate level	skilled workers not included under columns 4 and 5	Others including class IV employees	
1	2	3	4	5	6	7	8
GE-3	Staff in Higher Secondary Schools which have switched over to Higher Secondary Pattern ..	..	200	..	..	117	317
*GE-10	Establishment of extension service project in Basic Training Schools ..	12	12	..	..	..	24
*GE-12	Setting up of a Research Guidance and Evaluation Unit ..	8	16	..	..	8	32
*GE-13	Promotion of Sports and Games	91	..	..	..	84	175
GE-14	Free and Compulsory Primary Education—provision of educational facilities for Children of age group 6—11 ..	715	..	69484	..	345	70544
GE-15	Additional Teachers Training facilities to cope with the demand for teachers for free and compulsory primary education ..	5	1095	..	..	550	1650
GE-16	Training of Women Instructors in Crafts in Junior Basic Schools ..	6	3	9	..	3	21
GE-19	Upgrading of Middle /High schools to Higher Secondary Schools ..	600	5140	300	..	2319	8359
GE-20	Introduction of teaching of Science in Government High Schools ..	..	128	..	..	..	128
GE-22	In-service Training of Teachers of Multipurpose schools (Appointment of Substitutes) ..	..	540	..	..	..	540
GE-26	Upgrading of Government Intermediate College for Women, Sangrur to Degree College ..	10	40	5	..	24	79
GE-27	Conversion of four year degree colleges into 3 year pattern ..	..	872	..	..	..	872
GE-31	Additional staff for Government Colleges ..	..	654	..	..	40	694
GE-32	Reorganisation of Government commerce college ..	..	8	..	..	..	8



## SUB HEAD No. 19—GENERAL EDUCATION

## DETAILED STATEMENT—III (EMPLOYMENT POTENTIAL)

(DIRECT EMPLOYMENT TO BE PROVIDED IN MAN YEARS)

No. of Scheme	Name of Scheme	Admn. and Clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including class IV employees	Total
			Degree level	Diploma or certificate level			
1	2	3	4	5	6	7	8
GE-33	Setting up of a Home Science College ..	15	142	..	..	56	213
GE-34	Construction of Hostel for Government College for Women, Chandigarh and introduction of double shift ..	10	64	..	..	18	92
GE-37	Setting up of new Government Colleges ..	48	488	..	..	160	696
GE-38	Conversion of Government College of Physical Education into 3 year Degree Pattern ..	..	28	..	..	8	36
GE-39	Opening of Nursery and Kindergarten Schools ..	..	144	144	..	96	384
GE-43	Upgrading of Primary Schools to Middle Standard ..	..	1368	4104	..	1333	6805
GE-44	Introduction of Crafts in Middle Schools ..	..	..	510	..	..	510
GE-45	Additional staff for relieving congestion in Government Middle Schools for boys on account of increased enrolment ..	..	336	4040	..	60	4436
GE-46	Additional staff for relieving congestion in Government Middle schools for girls on account of increased enrolment ..	..	150	695	..	19	864
GE-49	Establishment of Senior Basic Model Schools ..	..	51	51	..	51	153
GE-51	Additional staff for relieving congestion in boys High and Higher Secondary Schools ..	..	482	2349	..	..	2831
GE-52	Additional staff for relieving Congestion in Grils High and Higher Secondary Schools ..	..	339	903	..	..	1242
GE-56	Provision of Clerks in Government High and Higher Secondary Schools ..	562	..	..	..	..	562
GE-58	Opening of a school with emphasis on sports and games ..	15	43	12	..	52	122
GE-62	Setting up of a National College with emphasis on sports and games ..	20	120	..	15	60	215

**BSU-HEAD No. 19—GENERAL EDUCATION**  
**DETAILED STATEMENT—III (EMPLOYMENT POTENTIAL)**  
(DIRECT EMPLOYMENT TO BE PROVIDED IN MAN YEARS)

No. of Scheme	Name of Scheme	Admn. and Clerical	TECHNICAL			Others including class IV employees	Total	
			Degree level	Diploma or certificate level	skilled worker not included under columns 4 and 5			
1	2	3	4	5	6	7	8	
GE-66	Establishment of 3 Libraries in Districts	..	36	..	..	..	36	
GE-67	Aid to Children Film Committee	..	8	..	..	36	44	
GE-68	Expansion of N.C.C.	..	60	..	..	190	250	
GE-69	Extension of A.C.C.	..	20	..	..	..	20	
GE-72	Development of Hindi	..	30	15	..	20	65	
GE-73	Introduction of Hindi in Administrative sphere	..	10	55	..	..	65	
GE-75	Re-organisation of Directorate	..	50	..	..	8	58	
GE-76	Strengthening of Statistical Organisation	..	..	3	..	..	3	
Total		..	2287	12577	82609	15	5657	103145

Note.—(1) Man year means one person employed for one year.

(2) If a person is likely to continue in employment for 5 years, 5 man years have been counted.

## SUB-HEAD NO. : 19—GENERAL EDUCATION

## DETAILED STATEMENT-IV

## (PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the second Plan (on 31-3-61)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31-3-66)
1	2	3	4	5	6
GE-3	Staff in Higher Secondary Schools which have switched over to Higher Secondary pattern	No. of personnel	.. 48	71	119
*GE-10	Establishment of Extension Service Projects in Basic Training Schools	(i) No. of projects (ii) No. of personnel	.. .. .. ..	3 6	3 6
*GE-11	Grant-in-aid to Hindi/Sanskrit Pathshalas	No. of institutions	.. ..	35	35
*GE-12	Setting up of a Research Guidance and Evaluation unit	Research unit	.. ..	1	1
*GE-13	Promotion of sports and games	1. Playground 2. Stadia	.. 47 .. ..	450 6	497 6
GE-14	Free and Compulsory primary Education—Provision of educational facilities for children of age group 6-11	(i) No. of Schools (ii) No. of teachers (iii) No. of children to benefit (iv) Buildings	.. .. .. .. .. .. .. ..	207 24384 1219200 7	207 24384 1219200 7
GE-15	Additional teachers training facilities to cope with the demand for teachers for free and compulsory Primary Education	(i) Training units (ii) No. of Trainees	.. 170 .. 6800	67 3350	237 10150
GE-16	Training of Women Instructors in Crafts in Junior Basic Schools	Trainees	.. ..	90	90
GE-17	Residential quarters for women teachers and house rent allowance to women teachers	Residential quarters	.. 666	136	802
GE-18	Provision of lavatories and drinking water facilities in Girls Schools	(i) Lavatories (ii) Water pumps	.. .. .. ..	1000 1000	1000 1000
GE-19	Upgrading of Middle/High Schools to Higher Secondary Schools	(i) No. of Schools to be converted (ii) No. of Science Blocks (Buildings)	.. 197 .. ..	350 165	547 165
GE-20	Introduction of teaching of Science in Government High Schools	(i) No. of Schools	.. ..	50	50

## SUB-HEAD No. 19—GENERAL EDUCATION

## DETAILED STATEMENT—IV

(PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the Second Plan (on 31-3-61)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31-3-66)
1	2	3	4	5	6
GE-21	In-service training for Masters/Mistresses of High/Higher Secondary Schools	(i) Seminars (ii) Trainees	.. ..	50 2500	50 2500
GE-22	In-Service-Training of Teachers of Multipurpose Schools (Appointment of Substitutes)	Teachers	.. ..	500	500
GE-23	Merit Scholarships for poor brilliant students in High and Higher Secondary Schools	Students to benefit	.. ..	500	500
GE-24	Hostels for Girls in High and Higher Secondary Schools	(i) Hostel buildings (ii) Seats	.. ..	38 760	38 760
GE-25	Provision of Post Graduate Course for Science Masters and Mistresses for Higher Secondary Schools (Financial assistance to Punjab University)	Thousand Rs.	..	500	500
GE-27	Conversion of four year degree colleges into 3 year pattern	Colleges to be converted	.. ..	88	88
GE-28	Improvement of buildings of existing Government Colleges	No.	.. ..	20	20
GE-29	Improvement of non-Government Colleges	Grant (thousand Rs)	..	400	400
GE-30	Additional contingent Grant to Government Colleges	Thousand Rs	.. ..	250	250
GE-31	Additional staff for Government Colleges	Number of Personnel	.. ..	153	153
GE-34	Construction of Hostel for Government College for women, Chandigarh and introduction of double shift	(i) Hostel building (ii) Seats (iii) Personnel	.. ..	1 60 20	1 60 20
GE-36	Construction of Hostels for Government Colleges (5 Hostels)	(i) Hostels (ii) Seats	.. ..	5 600	5 600
GE-37	Setting up of new Government Colleges	Colleges	.. ..	4	4
GE-39	Opening of Nursery and Kindergarten Schools	Schools	.. 5	16	21

**SUB-HEAD NO. 19— GENERAL EDUCATION**  
**DETAILED STATEMENT-IV**  
**(PHYSICAL TARGETS)**

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the Second Plan (on 31-3-61)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31-3-66)
1	2	3	4	5	6
GE-40	Improvement in Primary Schools ..	Schools to be benefited ..	..	12247	12247
GE-41	Primary Schools buildings for Hill, Flood Affected and Backward Areas	Buildings	..	100	100
GE-42	Orientation of non-Basic Type Schools to Basic Type—Provision of equipment and inservice training of teachers and A.D.I.S	(i) Schools (ii) Seminars (iii) Trainees	.. .. ..	8000 10 6600	8000 10 6600
GE-43	Up-gradng of primary Schools to Middle Standard	Schools	..	350	350
GE-44	Introduction of Crafts in Middle Schools	Schools	..	170	170
GE-45	Additional staff for relieving congestion in Government Middle Schools for boys on account of increased enrolment	Personnel	..	1000	1000
GE-46	Additional staff for relieving congestion in Government Middle Schools for Girls on account of increased enrolment	Personnel	..	500	500
GE-47	Additional contingent grant for equipment to existing Middle Schools to cope with the increased enrolment	Schools	..	1211	1211
GE-48	Improvement in existing and construction of new buildings for Government Middle Schools	Schools	..	45	45
GE-49	Establishment of Senior Basic Model Schools	Schools	..	17	17
GE-51	Additional staff for relieving congestion in boys High and Higher Secondary Schools	Personnel	..	800	800
GE-52	Additional staff for relieving congestion in girls High and Higher Secondary Schools	Personnel	..	500	500
GE-53	Additional contingent grant for High and Higher Secondary Schools	Schools	..	650	650

## SUB-HEAD No. 19—GENERAL EDUCATION

## DETAILED STATEMENT-IV

(PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the IIrd Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of IIIrd Plan (on 31st March, 1966)	
1	2	3	4	5	6	
GE-55	Improvement in existing and construction of new buildings for Government High and Higher Secondary Schools	Schools benefited	.. ..	45	45	
GE-56	Provision of Clerks in Government High and Higher Secondary Schools	Personnel	.. ..	302	302	
GE-58	Opening of a school with emphasis on sports and games	School	.. ..	1	1	
GE-59	Grant-in-aid to Punjab University	Grant in Thousand Rs	.. ..	2500	2500	
GE-60	Grant-in-aid to Kurukshetra University	Ditto	.. ..	2000	2000	
GE-61	Setting up of a Punjabi University..	Ditto	.. ..	1000	1000	
GE-62	Setting up of a National College with emphasis on sports and games	College	.. ..	1	1	
GE-63	Merit Scholarships for poor brilliant students	(i) Scholarship (ii) Amount disbursed	.. .. .. ..	260 500	260 500	
GE-64	Prizes for original contribution for Research in Science	Number of Prizes	.. ..	15	15	
GE-66	Establishment of 3 Libraries in Districts	(i) Libraries (ii) Buildings	.. .. .. ..	3 3	3 3	
GE-67	Aid to Children Film Committee ..	Grant in Thousand Rs...	.. ..	200	200	
GE-68	Expansion of N.C.C.	(i) Units (ii) Troops	.. .. .. ..	15 57	10 75	25 132
GE-69	Extension of A.C.C.	(i) Sections (ii) A.C.C. Cadets	.. .. .. ..	1200 72000	394 23689	1594 95689

## SUB-HEAD No. 19—GENERAL EDUCATION

## DETAILED STATEMENT-IV

(PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the IIrd Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of IIIrd Plan (on 31st March, 1966)
1	2	3	4	5	6
GE-72	Development of Hindi	}	..	..	..
GE-73	Introduction of Hindi in Administrative sphere	}	..	..	..
	(1) Literary contests	.. Number	.. 220	330	550
	(2) Editing of Manuscripts	.. Pages	.. 891	1250	2141
	(3) Writers' Seminars	.. No.	.. 12	15	27
	(4) Post Graduate Research Scholarships	Scho- No.	.. 2	10	12
	(5) Merit Scholarships	.. No.	.. 21	39	60
	(6) Best published literature	.. No.	.. 8	10	13
	(7) Common Readers' Section	.. Pages	.. 1093	4800	5893
	(8) Financial Aid	.. Money	.. 46200	79000	125200
	(9) Translation of Books	.. No.	.. ..	10	10
	(10) Original literary works	.. No.	.. ..	5	5
	(11) Purchase of Manuscripts	.. Money	.. ..	84250	84250
	(12) Training in Linguistics	.. No.	.. ..	15	15
	(13) Writers' Fund	.. Money	.. 9200	50000	59200
	(14) Purchase of Tape Recording Machine	Money	.. ..	29900	29900
GE-75	Re-organisation of Directorate	.. Personnel	.. ..	30	30
GE-78	Milk Feeding Programme for School children	Children to be benefited	.. ..	500000	500000

## SUB-HEAD No. 19—GENERAL EDUCATION

## , DETAILED STATEMENT-IV

(PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the IInd Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of IIIrd Plan (on 31st March, 1966)
1	2	3	4	5	6
* GE-79	Grant in aid to Kurukshetra University to re-imburse the expenditure incurred on the College of Education, Kurukshetra	Grant	.. ..	600	600
GE-80	Grant in aid to Planning Forums ..	Grant	.. ..	58	58
GE-81	Production of a composit film regarding Punjab with particular reference to development work	Grant	.. ..	15	15

\*Centrally-sponsored schemes.





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**20. TECHNICAL EDUCATION**

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**SUB-HEAD No. 20.—TECHNICAL EDUCATION**

**DETAILED STATEMENT I**

(FINANCIAL OUTLAY)

Third Plan Provision (Net)†	1. Total	Rs 72836
	2. Capital	Rs 28828
	3. Revenue	Rs 44008

(Thousand Rs)

Number of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in Col. 3	Public contribution	Income if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally Sponsored Schemes	Total Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
<b>I-DIRECTORATE OF TECHNICAL EDUCATION</b>										
<b>(a) CONTINUING SCHEMES</b>										
TE-1	Special expansion of Punjab Engineering College, Chandigarh ..	1392	722	72	..	576	..	..	..	1392
TE-2	Development of Punjab Engineering College, Chandigarh ..	1758	1758	299	..	576	..	..	..	1758
TE-3	High Voltage Laboratory in Punjab Engineering College, Chandigarh ..	110	110	105	..	..	..	..	..	110
TE-4	Five Year Integrated Course at Punjab Engineering College, Chandigarh ..	1358	308	48	..	..	..	..	..	1358
TE-5	Special expansion of Government Polytechnic, Ambala City ..	968	409	68	..	324	..	..	..	968
TE-6	Special expansion of Government Polytechnic, Nilokheri ..	205	205	23	..	162	..	..	..	205
TE-7	Special expansion of Central Polytechnic, Chandigarh ..	1259	435	53	..	216	..	..	..	1259

**SUB-HEAD No.20—TECHNICAL EDUCATION**

**DETAILED STATEMENT-I**

(FINANCIAL OUTLAY)

(Thousand Rs)

Number of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in Col. 3	Public contribution	Income if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally Sponsored Schemes	Total Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
TE-8	Development of Government Polytechnic, Ambala City ...	650	550	138	...	108	...	...	...	650
TE-9	Development of Government Polytechnic, Nilokheri	671	671	113	...	270	...	...	...	671
TE-10	Development of Central Polytechnic, Chandigarh ...	1380	730	183	...	216	...	...	...	1380
TE-11	(a) Establishment of Polytechnic at Sirsa	2698	2013	332	...	130	...	...	...	2698
	(b) Establishment of Polytechnic at Batala	2750	2013	332	...	86	...	...	...	2750
	(c) Establishment of Polytechnic at Guru-Teg Bahadurgarh ...	2700	2213	332	...	86	...	...	...	2700
	(d) Establishment of Polytechnic at Jhajjar	2415	1435	332	...	151	...	...	...	2415
TE-12	Development of Mehar Chand Polytechnic, Jullundur City ...	100	...	...	...	...	...	...	...	100
TE-13	Junior Technical Schools ...	1587	1239	249	...	...	...	...	...	1587
TE-14	Five Year Integrated Course at Patiala and Ludhiana Colleges ...	660	...	...	...	...	...	...	...	660

TE-15	Degree Course in Architecture at Punjab Engineering College, Chandigarh	...	940	355	25	...	108	...	...	...	940
TE-16	Development of National Institute of Engineering, Hoshiarpur	...	2936	2106	332	...	173	...	...	...	2936
TE-17	Grants-in-aid to Private Institutions	...	4200	..	...	...	...	...	...	...	4200
Total—I(a) Continuing Schemes		...	30737	17272	3037	...	3182	...	...	...	30737
(b) NEW SCHEMES											
TE-18	Regional Engineering College at Kurushetra	..	1300	1300	..	..	..	..	..	..	1300
TE-19	Expansion of Degree Course in Patiala and Ludhiana Colleges	..	1500	..	..	..	..	..	..	..	1500
TE-20	Establishment of two Polytechnics at Ludhiana and Rohtak	..	3800	..	..	..	..	..	..	..	3800
TE-21	Establishment of Polytechnic at Patti	..	800	800	..	..	..	..	..	..	800
TE-22	Establishment of Polytechnic at Hamirpur	..	2800	2334	332	..	86	..	..	..	2800
TE-23	Expansion of Thapar Polytechnic at Patiala	..	750	..	..	..	..	..	..	..	750
TE-24	Expansion of Polytechnic at Baijnath	..	750	..	..	..	..	..	..	..	750
TE-25	Sandwich Courses	..	2000	930	..	..	..	..	..	..	2000
TE-26	Junior Technical School at Rajpura	..	1026	908	102	..	..	..	..	..	1026
TE-27	Scholarships and Free Education	..	15000	..	..	..	..	..	..	..	15000
TE-28	Staff quarters	..	1200	1200	..	..	..	..	..	..	1200
TE-29	Amenities to students	..	500	500	..	..	..	..	..	..	500
TE-30	Limited Post Graduate Activity	..	1000	..	..	..	..	..	..	..	1000
TE-31	Teachers Training Programme	..	700	..	..	..	..	..	..	..	700
TE-32	State Board of Technical Education	..	1274	..	..	..	..	..	..	..	1274
TE-33	Introduction of Post Diploma Course in Automobile Engineering at Government Polytechnic, Ambala	..	500	409	..	..	..	..	..	..	500
Total (b) (New Schemes)		..	34900	8381	434	..	86	..	..	..	34900
Total—I (a + b)		..	65637	25653	3471	..	3268	..	..	..	65637

**SUB-HEAD No. 20—TECHNICAL EDUCATION**

**DETAILED STATEMENT-I**

(FINANCIAL OUTLAY)

(Thousand Rs)

Number of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in Col. 3	Public contribution	Income if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally Sponsored Schemes	Total Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
<b>II—DIRECTORATE OF INDUSTRIES</b>										
TE-34	Development of Punjab Institute of Textile Technology and Government Industrial School, Amritsar ..	1000	800	150	..	..	..	..	..	1000
TE-35	Development of Tanning Institute, Jullundur	500	340	70	..	..	..	..	..	500
TE-36	Development of Government School of Arts, Punjab, Chandigarh ..	1030	620	..	..	..	..	..	..	1030
TE-37	Development of Government School of Arts, Punjab, Chandigarh (Spillover) ..	470	470	..	..	..	..	..	..	470
TE-38	Development of Government Industrial School, Rewari and conversion into Tanning Institute (Leather Technology)	700	582	..	..	..	..	..	..	700
TE-39	Development of Technical Institute for Women at Chandigarh ..	1500	772	50	..	..	..	..	..	1500
	<b>Total II</b>	<b>5200</b>	<b>3584</b>	<b>270</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>5200</b>

III.—DIRECTORATE GENERAL OF LANGUAGES

*TE-40	Development of Punjabi	..	387	..	..	..	..	..	387	774
*TE-41	Introduction of Punjabi in the Administrative Sphere	..	362	..	..	..	..	..	362	724
*TE-42	Development of Urdu	..	50	..	..	..	..	..	50	100
Total-III		..	799	..	..	..	..	..	799	1598

IV.—DIRECTORATE OF PUBLIC INSTRUCTION

TE-43	Development of State Museum	<i>E.C.</i>	450	..	..	..	..	..	..	450
TE-44	Development of Art and Culture	<i>Culture Deptt.</i>	200	..	..	..	..	..	..	200
TE-45	Scholarships for Training in dancing etc.		100	..	..	..	..	..	..	100
TE-46	Financial Assistance to Punjabi Pathshalas	<i>Lang. Deptt.</i>	50	..	..	..	..	..	..	50
Total-IV			800	..	..	..	..	..	..	800

V.—REVENUE DEPARTMENT

*TE-47	Revision of District Gazetteers	..	400	..	..	..	100	..	..	122	512
GRAND TOTAL I to V		..	72836	28828	3741	..	3368	..	..	911	73947

†Includes only State share in the case of Centrally sponsored schemes.

\*Centrally sponsored scheme.



**SUB-HEAD No. 20—TECHNICAL EDUCATION**

**DETAILED STATEMENT-II**

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rs)

BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS

Number of scheme	Name of scheme	Financial Provision	Staff	Material and building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
<b>I—DIRECTORATE OF TECHNICAL EDUCATION</b>										
(a) CONTINUING SCHEMES										
TE-1	Special expansion of Punjab Engineering College, Chandigarh	1392	670	439	..	283	..	..	..	1392
TE-2	Development of Punjab Engineering College, Chandigarh	1758	..	270	..	1488	..	..	..	1758
TE-3	High Voltage Laboratory in Punjab Engineering College, Chandigarh	110	..	7	..	103	..	..	..	110
TE-4	Five-Years Integrated Course at Punjab Engineering College, Chandigarh	1358	1050	117	..	191	..	..	..	1358
TE-5	Special Expansion of Government Polytechnic, Ambala City	968	559	147	..	262	..	..	..	968
TE-6	Special expansion of Government Polytechnic, Nilokheri	205	..	115	..	90	..	..	..	205
TE-7	Special expansion of Central Polytechnic, Chandigarh	1259	824	130	..	305	..	..	..	1259
TE-8	Development of Government Polytechnic, Ambala City	650	100	..	..	550	..	..	..	650
TE-9	Development of Government Polytechnic, Nilokheri	671	..	215	..	456	..	..	..	671

TE-10	Development of Central Polytechnic, Chandigarh	..	1380	650	..	..	730	..	..	..	1380
TE-11	(a) Establishment of Polytechnic at Sirsa	..	2698	685	574	210	1229	..	..	..	2698
	(b) Establishment of Polytechnic at Batala	..	2750	737	708	76	1229	..	..	..	2750
	(c) Establishment of Polytechnic at Guru Teg Bahadurgarh	..	2700	487	984	..	1229	..	..	..	2700
	(d) Establishment of Polytechnic at Jhajjar	..	2415	980	721	..	714	..	..	..	2415
TE-12	Development of Mehar Chand Polytechnic, Jullundur City	..	100	..	..	..	..	..	100	..	100
TE-13	Junior Technical Schools	..	1587	348	273	..	966	..	..	..	1587
TE-14	Five-Years Integrated Course at Patiala and Ludhiana Engineering Colleges	..	660	..	..	..	..	..	660	..	660
TE-15	Degree Course in Architecture at Punjab Engineering College, Chandigarh	..	940	585	254	..	101	..	..	..	940
TE-16	Development of National Institute of Engineering, Hoshiarpur	..	2936	830	890	100	1116	..	..	..	2936
TE-17	Grant-in-aid to Private Institutions	..	4200	..	..	..	..	..	4200	..	4200
	Total I (a) (Continuing Scheme)	..	30737	8505	5844	386	11042	..	4960	..	30737
	(b) NEW SCHEMES										
TE-18	Regional Engineering College at Kurukshetra	..	1300	..	1000	300	..	..	..	..	1300
TE-19	Expansion of Degree Courses in Patiala and Ludhiana Colleges	..	1500	..	..	..	..	..	1500	..	1500
TE-20	Establishment of two Polytechnics at Ludhiana and Rohtak	..	3800	..	..	..	..	..	3800	..	3800
TE-21	Establishment of Polytechnic at Patti	..	800	..	424	76	300	..	..	..	800
TE-22	Establishment of Polytechnic at Hamirpur	..	2800	466	1046	59	1229	..	..	..	2800
TE-23	Expansion of Thapar Polytechnic at Patiala	..	750	..	..	..	..	..	750	..	750
TE-24	Expansion of Polytechnic at Baijnath	..	750	..	..	..	..	..	750	..	750
TE-25	Sandwich Courses	..	2000	748	322	80	528	..	322	..	2000

**SUB-HEAD No. 20—TECHNICAL EDUCATION**

**DETAILED STATEMENT—II**

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rs)

BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS											
Number of Scheme	Name of Scheme	Financial provision								Total	
			Staff	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or Grant-in-aid	Others		
1	2	3	4	5	6	7	8	9	10	11	
TE-26	Junior Technical School at Rajpura	1026	118	500	..	408	..	..	..	1026	
TE-27	Scholarships and Free Education	15000	..	..	..	..	9803	..	5197	15000	
TE-28	Staff quarters	1200	..	1200	..	..	..	..	..	1200	
TE-29	Amenities to Students	500	..	500	..	..	..	..	..	500	
TE-30	Limited Post-Graduate Activity	1000	1000	..	..	..	..	..	..	1000	
TE-31	Teachers' Training Programme	700	700	..	..	..	..	..	..	700	
TE-32	State Board of Technical Education	1274	1274	..	..	..	..	..	..	1274	
TE-33	Introduction of Post Diploma Course in Automobile Engineering at Government Polytechnic, Ambala	500	91	168	114	127	..	..	..	500	
	Total (b) (New Scheme)	34900	4397	5160	629	2592	9803	7122	5197	34900	
	Total—I(a) + (b)	65637	12902	11004	1015	13634	9803	12082	5197	65637	
<b>II—DIRECTORATE OF INDUSTRIES</b>											
TE-34	Development of Punjab Institute of Textile Technology and Government Industrial School, Amritsar	1000	190	480	100	220	..	..	10	1000	
TE-35	Development of Tanning Institute, Jullundur	500	66	185	15	140	..	..	94	500	
TE-36	Development of Government School of Arts, Punjab, Chandigarh	1030	252	455	45	120	..	..	158	1030	

TE-37	Development of Government School of Arts, Punjab, Chandigarh (Spill-over)	470	..	470	..	..	..	..	470
TE-38	Development of Government Industrial School, Rewari and conversion into Tanning Institute (Leather Technology)	700	75	332	90	160	..	43	700
TE-39	Development of Technical Institute for Women at Chandigarh	1500	369	350	72	350	..	359	1500
Total—II		5200	952	2272	322	990	..	664	5200
<b>III—DIRECTORATE-GENERAL OF LANGUAGES</b>									
*TE-40	Development of Punjabi	387	84	..	..	..	..	39	387
*TE-41	Introduction of Punjabi in the Administrative sphere	362	65	..	..	..	..	297	362
*TE-42	Development of Urdu	50	15	..	..	..	..	35	50
Total—III		799	164	..	..	..	..	39	799
<b>IV—DIRECTORATE OF PUBLIC INSTRUCTION</b>									
TE-43	Development of State Museum	450	..	..	..	..	..	450	450
TE-44	Development of Art and Culture	200	..	..	..	..	200	..	200
TE-45	Scholarships for Training in Dancing, etc.	100	..	..	..	..	100	..	100
TE-46	Financial Assistance to Punjabi Pathshalas	50	..	..	..	..	50	..	50
Total—IV		1000	..	..	..	..	350	450	800
<b>V—REVENUE DEPARTMENT</b>									
*TE-47	Revision of District Gazetteers	400	400	..	..	..	..	..	400
Total—V		400	400	..	..	..	..	..	400
<b>GRAND TOTAL I to V</b>		<b>72836</b>	<b>14418</b>	<b>13276</b>	<b>1337</b>	<b>14624</b>	<b>9803</b>	<b>12471</b>	<b>72836</b>

\* Centrally-sponsored Schemes

## SUB-HEAD No. 20—TECHNICAL EDUCATION

## DETAILED STATEMENT—III

(EMPLOYMENT POTENTIAL)

Direct employment to be provided in Man-years

Number of Scheme	Name of scheme	Adminis- trative and clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including class IV employees	Total
			Degree level	Diploma/ Certifi- cate level			
1	2	3	4	5	6	7	8
TE-1	Special Expansion of Punjab Engineering College, Chandigarh ..	277	477	64	321	741	1880
TE-4	Five-Year's Integrated Course at Punjab Engineering College, Chandigarh ..	20	76	16	16	72	200
TE-5 and 8	Special Expansion of Government Polytechnic, Ambala City ..	113	110	180	95	247	745
TE-7 and 10	Development of Central Polytechnic, Chandigarh ..	75	113	187	26	150	551
TE-11	(a) Establishment of Polytechnic at Sirsa ..	52	47	72	2	38	211
	(b) Establishment of Polytechnic at Batala ..	37	32	46	1	26	142
	(c) Establishment of Polytechnic at Guru Teg Bahadurgarh ..	37	32	46	1	26	142
	(d) Establishment of Polytechnic at Jhajjar ..	49	61	94	3	83	290
TE-13	Junior Technical Schools ..	75	60	150	120	192	597
TE-15	Degree Courses in Architecture at Punjab Engineering College, Chandigarh ..	54	34	..	...	31	119
TE-16	Development of National Institute of Engineering, Hoshiarpur ..	40	60	104	4	76	284
TE-21	Establishment of Polytechnic at Patti ..	10	4	7	..	7	28
TE-22	Establishment of Polytechnic at Hamirpur ..	37	32	46	1	26	142
TE-25	Sandwich Courses ..	7	4	9	10	14	44
TE-26	Junior Technical School at Rajpura ..	5	4	10	8	13	40

## SUB-HEAD No. 20—TECHNICAL EDUCATION

## DETAILED STATEMENT—III

(EMPLOYMENT POTENTIAL)

Direct employment to be provided in Man-years

Number of Scheme	Name of scheme	Adminis- trative and clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including class IV employees	Total
			Degrec level	Diploma/ Certifi- cate level			
1	2	3	4	5	6	7	8
TE-30	Limited Post-Graduate Acti- vity ..	36	36	48	12	24	156
TE-32	State Board of Technical Education, Punjab ..	214	..	..	..	55	269
TE-33	Introduction of Post Diploma Course in Automobile En- gineering at the Government Polytechnic, Ambala City ..	18	12	12	..	12	54
TE-34	Development of Punjab Insti- tute of Textile Technology and Government Industrial School, Amritsar ..	4	12	..	..	2	18
TE-35	Development of Tanning Insti- tute, Jullundur ..	9	..	18	..	12	39
E-36	Development of Government School of Arts, Punjab, Chandigarh ..	12	..	24	8	24	68
TE-38	Development of Government Industrial School, Rewari and conversion into Tanning Institute (Leather Techno- logy) ..	6	..	16	2	10	34
TE-39	Establishment of Technical Institute for Women at Chandi- garh ..	37	10	39	15	29	130
*TE-40	Development of Punjabi ..	20	15	10	..	25	70
*TE-41	Introduction of Punjabi in the Administrative sphere ..	70	..	..	..	65	135
*TE-42	Development of Urdu ..	10	..	..	..	5	15
*TE-47	Revision of District Gazetteers ..	247	..	..	..	39	286
Total ..		1571	1231	1198	645	2044	6689

Notes.— (1) Man-year means one person employed for one year.

(2) If a person is likely to continue in employment for five years, 5 man-years have been counted.  
\*Centrally-sponsored Schemes.

## SUB-HEAD No. 20—TECHNICAL EDUCATION

## DETAILED STATEMENT—IV

(PHYSICAL TARGETS)

Number of Scheme	Name of Scheme/Item	Unit	Position at the end of the IIrd Plan (on 31st March, 1961)	Additional targets planned to be achieved during the IIIrd Plan (April, 1961 to March, 1966)	Likely position at the end of IIIrd Plan (on 31st March, 1966)		
1	2	3	4	5	6		
I.—DIRECTORATE OF TECHNICAL EDUCATION							
TE-7	Special Expansion of Central Polytechnic, Chandigarh	Annual intake capacity (diploma level)	Number	..	120	120	
TE-11	(a) Establishment of Polytechnic at Sirsa	Ditto	..	Do	..	120	120
	(b) Establishment of Polytechnic at Batala	Ditto	..	Do	..	120	120
	(c) Establishment of Polytechnic at Guru Tegh Bahadurgarh	Ditto	..	Do	..	120	120
	(d) Establishment of Polytechnic at Jhajjar	Ditto	..	Do	..	120	120
TE-15	Degree course in Architecture at Punjab Engineering College, Chandigarh	Annual intake capacity (degree level)	Do	..	30	30	
TE-18	Regional Engineering College at Kurukshetra	Ditto	Do	..	250	250	
TE-19	Expansion of Degree Courses in Patiala and Ludhiana Colleges	Ditto	..	Do	240	120	360
TE-20	Establishment of two Polytechnics at Ludhiana and Rohtak	Annual intake capacity (diploma level)	Do	..	240	240	
TE-21	Establishment of Polytechnic at Patti	Ditto	..	Do	..	120	120
TE-22	Establishment of Polytechnic at Hamirpur	Ditto	..	Do	..	120	120
TE-23	Expansion of Thapar Polytechnic, Patiala	Ditto	..	Do	120	120	240
TE-24	Expansion of Polytechnic at Baijnath	Ditto	..	Do	60	60	120

## SUB-HEAD No. 20—TECHNICAL EDUCATION

## DETAILED STATEMENT—IV

(PHYSICAL TARGETS)

Number of Scheme	Name of Scheme/Item	Unit	Position at the end of the IInd Plan (on 31st March, 1961)	Additional targets planned to be achieved during the IIIrd Plan (April, 1961 to March, 1966)	Likely position at the end of IIIrd Plan (on 31st March, 1966)	
1	2	3	4	5	6	
TE-25	Sandwich Courses ..	Annual intake capacity (Supervisory Courses)	Number	..	120	120
TE-26	Junior Technical School at Rajpura	Annual intake capacity (various trades up to certificate level)	Do	..	60	60
TE-27	Scholarships and Free Education	Grant of loans, Scholarships and Introduction of Freeship up to diploma level	Lakhs Rs.	(i) Scholar-ship (ii) Freeship (iii) Loans	6.73 45.24 98.03	6.73 45.24 98.03
				Total ..	150.00	150.00
TE-30	Limited Post-Graduate Activities	Annual intake capacity (Post-Graduate Course)	Number	..	10	10
TE-33	Introduction of Post-Diploma course in Automobile Engineering at the Government Polytechnic, Ambala City	Annual intake capacity (Post-Diploma Course)	Number	..	60	60
II—DIRECTORATE OF INDUSTRIES						
TE-34	Development of Punjab Institute of Textile Technology and Government Industrial School, Amritsar	Annual intake capacity	Do	15	15	30
TE-35	Development of Tanning Institute, Jullundur	Ditto	Do	..	15	15
TE-36	Development of Government School of Arts, Punjab, Chandigarh	Ditto	Do	..	25	25
TE-37	Development of Government School of Arts, Punjab, Chandigarh (Spill-over)	Completion of School and Hostel Buildings	Do	..	1	1



## SUB-HEAD No. 20—TECHNICAL EDUCATION

## DETAILED STATEMENT—IV

(PHYSICAL TARGETS)

Number of Scheme	Name of Scheme/Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the IIIrd Plan (April, 1961 to March, 1966)	Likely position at the end of Third Plan (on 31st March, 1966)	
1	2	3	4	5	6	
TE-38	Development of Government Industrial School, Rewari and Conversion into Tanning Institute (Leather Technology)	Annual intake capacity	Number	..	10	10
TE-39	Development of Technical Institute for Women at Chandigarh	Ditto	Do	..	100	100
III.—DIRECTORATE-GENERAL OF LANGUAGES						
*TE-40	Development of Punjabi ..	(1) Literary contests ..	Do	84	330	414
		(2) Editing of MSS ..	Pages ..	1673	1250	2923
		(3) Writers Seminars ..	Number	12	15	27
		(4) Post-Graduate Research Scholarships	Do	3	8	11
		(5) Merit Scholarships	Do	20	39	59
		(6) Prizes for best Published Literature	Do	3	10	13
		(7) Common Readers Journal	Pages	1289	4800	6089
		(8) Financial aid ..	Rs	30,800	79,000	109800
		(9) Translation of books	Number	..	10	10
		(10) Original Literary Works	Do	..	5	5
		(11) Punjabi Encyclopedla	Volumes	..	5	5
		(12) Training of persons in Linguistics	Number	..	15	15
		(13) Writers' Fund ..	Rs	..	50000	50000
		(14) Tape Recording Machine	Rs	..	29900	29900

\*Centrally-sponsored Scheme.

## SUB-HEAD No. 20—TECHNICAL EDUCATION

## DETAILED STATEMENT—IV

## (PHYSICAL TARGETS)

Number of Scheme	Name of Scheme, Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of Third Plan (on 31st March, 1966)	
1	2	3	4	5	6	
*TE-42	Development of Urdu ..	(1) Literary Contests ..	Number	..	60	60
		(2) Writers Seminars ..	Do	..	15	15
		(3) Merit Scholarships	Do	..	27	27
		(4) Prizes for best Published Literature	Do	..	10	10
		(5) Honouring of Literatures	Do	..	5	5
		(6) Mushiaras and Book Exhibitions	Do	..	15	15
		(7) Prizes to the best literary books	Rs	..	25000	25000
V.—REVENUE DEPARTMENT						
*TE-47	Revision of District Gazetteers	Gazetteers to be revised	Number	..	19	19

\*Centrally-sponsored Schemes.



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## 21. HEALTH

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**SUB-HEAD No. 21.—HEALTH (MEDICAL)**  
**DETAILED STATEMENT—I**  
**(FINANCIAL OUTLAY)**

Third Plan Provision (Net)†	1 Total	..	90700
	2. Capital	..	37378
	3. Revenue	..	53322

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in col. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally-Sponsored Schemes	Total Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
<b>SPILL OVER SCHEMES</b>										
HTH-1	Extension of V. J. Hospital, Amritsar	158	158	..	..	..	..	..	..	158
HTH-2	Establishment of 50-bed Orthopaedic Ward at V.J. Hospital, Amritsar	143	143	..	..	..	..	..	..	143
HTH-3	Construction of nurses hostel for 250 nurses at the V. J. Hospital, Amritsar	121	121	..	..	..	..	..	..	121
HTH-4	Completion of Rajendra Hospital, Patiala	20	20	..	..	..	..	..	..	20
HTH-5	Provision of beds for infectious diseases ward—increase of beds in Rajendra Hospital, Patiala	129	129	..	..	..	..	..	..	129
HTH-6	Establishment of Civil Hospital, Dhuri	173	173	..	..	..	..	..	..	173
HTH-7	Establishment of Mental Hospital, Patiala	576	576	..	..	..	..	..	..	576
HTH-8	Additional essential building of the Punjab Mental Hospital, Amritsar	50	50	..	..	..	..	..	..	50
HTH-9	New building and provision of indoor accommodation at Civil Dispensary, Syri	15	15	..	..	..	..	..	..	15
HTH-10	Construction of dispensary building and staff quarters at Chausa	36	36	..	..	..	..	..	..	36
HTH-11	Provision of tube-well and a reservoir service for Ram Lal Eye Hospital and T.B. Sanatorium, Amritsar	13	13	..	..	..	..	..	..	13

**SUB-HEAD No. 21 HEALTH (MEDICAL)—CONTD**

**DETAILED STATEMENT—I**

(FINANCIAL OUTLAY)—*contd*

(Thousand Rs)

Number of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in col. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEES/BOARD		Centre's share in case of Centrally-sponsored Schemes	Total Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
HTH-12	Provision of X-Ray Plant at Ishri Hospital, Nalagarh ..	25	25	..	..	..	..	..	..	25
HTH-13	Extension and improvement of Lady Dufferin Hospital, Patiala ..	175	175	..	..	..	..	..	..	175
HTH-14	Construction of additional accommodation for incurable patients at the Mental Hospital, Amritsar ...	84	84	..	..	..	..	..	..	84
HTH-15	Establishment of Paediatric Centre at Medical College, Amritsar—Completion of Staff quarters ..	42	42	..	..	..	..	..	..	42
HTH-16	Conversion of existing dispensaries into Health Centres ..	1720	1720	..	..	..	..	..	..	1720
HTH-17	Extension of Anatomy Block at Medical College, Amritsar ..	40	40	..	..	..	..	..	..	40
HTH-18	Additions and alterations in the Medical College, Amritsar, for raising admission in MBBS Class from 80 to 100 ..	5	15	..	..	..	..	..	..	5

HTH-19	Construction of quarters for servants in Medical College, Amritsar ..	14	14	..	..	..	..	..	..	14
HTH-20	Expansion of Health School, Amritsar ..	75	75	..	..	..	..	..	..	75
HTH-21	Construction of building for Dental College and Hospital, Amritsar ..	80	80	..	..	..	..	..	..	80
HTH-22	Construction of T. B. Sanatorium, Tanda	287	287	..	..	..	..	..	..	287
HTH-23	Extension of Hardinge Sanatorium, Dharampore ..	24	24	..	..	..	..	..	..	24
HTH-24	V. D. Clinic, Dharampore ..	60	60	..	..	..	..	..	..	60
HTH-25	Establishment of State Health Laboratory	730	730	..	..	..	..	..	..	730
Total Spill-over Schemes ..		4795	4795	..	..	..	..	..	..	4795
<b>NEW SCHEMES</b>										
HTH-26	Expansion of V.J. Hospital, Amritsar ..	3548	2548	..	..	..	..	..	..	3548
HTH-27	Expansion of Rajindera Hospital, Patiala	807	807	..	..	..	..	..	..	807
HTH-28	Modernization of District Headquarter's Hospitals ..	330	330	..	..	..	..	..	..	330
HTH-29	Improvement of 6 hospitals as referral hospitals ..	640	640	..	..	..	..	..	..	640
HTH-30	Establishment of a Mental Hospital at Patiala ..	50	50	..	..	..	..	..	..	50
HTH-31	Psychiatric out-patient's clinic at district headquarter's hospitals	50	..	..	..	..	..	..	..	50
HTH-32	Opening of ten new dispensaries ..	360	120	..	..	..	..	..	..	360
HTH-33	Completion of Hospital/Dispensary buildings ..	150	150	..	..	..	..	..	..	150
HTH-34	Construction of rural dispensary building and staff quarters at Nirmand (Kangra)	30	30	..	..	..	..	..	..	30
HTH-35	Construction of rural dispensary building and staff quarters at Khundian and Broh, district Kangra ..	60	60	..	..	..	..	..	..	60



SUB-HEAD No. 21.—HEALTH (MEDICAL)—CONTD

DETAILED STATEMENT—1

(FINANCIAL OUTLAY)

(Thousand Rs)

Number of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in col. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally-sponsored Schemes	Total Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
NEW SCHEMES—CONTD										
HTH-36	Staff quarters at rural dispensary, Tika Nagrota, Gilore and Chori in Kangra District	45	45	..	..	..	..	..	..	45
HTH-37	Starting of mobile mule dispensary with appointment of staff at provincialized rural dispensary at Morni (Ambala)	110	20	..	..	..	..	..	..	110
HTH-38	Construction of rural dispensary building and staff quarters at Sainj, district Kangra	60	60	..	..	..	..	..	..	60
HTH-39	Opening of Primary Health Centres	5280	5280	..	..	..	..	..	..	5280
HTH-40	Provision of indoor additional accomodation in Primary Health Centre, Hamirpur	55	55	..	..	..	..	..	..	55
HTH-41	Expansion of Medical College, Amritsar	2000	1500	..	..	..	..	..	..	2000
HTH-42	Expansion of Medical College, Patiala	353	100	..	..	..	..	..	..	353
HTH-43	Opening of a new Medical College and attached Hospital to Medical College, Rohtak	17500	12000	..	..	50	..	..	..	17500

*HTH-44	Post-Graduate Institute attached with hospitals at Chandigarh'	13500	7500	5000	..	..	..	..	..	Not possible to indicate	13500
HTH-45	Grant-in-aid to Punjab University	200	..	..	..	..	..	..	..	..	200
HTH-46	Improvement of Health School, Amritsar	100	..	..	..	..	..	..	..	..	100
HTH-47	Improvement of Rural Training Centre, Verka	200	75	..	..	..	..	..	..	..	200
HTH-48	Rural Health Training Centre, Bahdson, attached to the Department of Social and Preventive Medicines, Medical College, Patiala	200	75	..	..	..	..	..	..	..	200
HTH-49	Training of nurses	600	..	..	..	..	..	..	..	..	600
HTH-50	Institute for Sanitary Inspector's training at Amritsar and Chandigarh	100	..	..	..	..	..	..	..	..	100
HTH-51	Training of Auxiliary Nurses and Midwives	800	..	..	..	..	..	..	..	..	800
HTH-52	Training of Laboratory Technicians	87	..	..	..	..	..	..	..	..	87
HTH-53	Training of Diploma in Pharmacy (Pharmacist)	350	..	..	..	..	..	..	..	..	350
HTH-54	Training of Radio graphers	84	..	..	..	..	..	..	..	..	84
HTH-55	Construction of a hostel for boys and girls of Punjab Government Dental College and Hospital, Amritsar	542	442	..	..	..	..	..	..	..	542
HTH-56	Training of Dental Hygienists at Dental College, Amritsar	22	..	..	..	..	..	..	..	..	22
HTH-57	Expansion of Government Dental College, Patiala (from 12 to 20 seats)	148	..	..	..	..	..	..	..	..	148
HTH-58	Opening of Dental Clinic at District and Tehsil Headquarters	100	..	..	..	..	..	..	..	..	100
HTH-59	Opening of Post-Graduate Course in Dentistry	100	..	..	..	..	..	..	..	..	100
HTH-60	Malaria Eradication Programme	24350	..	..	..	..	..	..	..	..	24350
HTH-61	Mobile Mass Miniature Radiography Unit' in the State	300	..	..	..	..	..	..	..	..	300

\*Centrally-sponsored Scheme.

**SUB-HEAD No. 21—HEALTH (MEDICAL)**

**DETAILED STATEMENT—I**

(FINANCIAL OUTLAY)

(Thousand Rs)

Number of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in col. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally sponsored Schemes	Total Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision ]		
1	2	3	4	5	6	7	8	9	10	11
<b>NEW SCHEMES—CONTD</b>										
HTH-62	B.C.G. Vaccination Programme ..	1100	..	..	..	..	..	..	..	1100
HTH-63	Establishment of Isolation beds for T. B. patients at Amritsar and Tanda ..	313	100	..	..	..	..	..	..	313
HTH-64	Grant-in-aid to T.B. Clinics ..	450	..	..	..	..	..	..	..	450
HTH-65	Rehabilitation Centre for 75 Ex-T. B. Patients ..	46	46	..	..	..	..	..	..	46
HTH-66	Improvement of Leprosy clinics and homes in the State ..	75	..	..	..	..	..	..	..	75
HTH-67	Mobile Unit for control of venereal diseases ..	100	..	..	..	..	..	..	..	100
HTH-68	Expansion of Vaccine Institute, Amritsar, to increase production of vaccine lymph—									
	(a) Organization of eradication of Small-Pox ..	4000	300	..	..	..	..	..	..	4000
HTH-69	Control of Hook worm disease ..	300	..	..	..	..	..	..	..	300
*HTH-70	Family Planning Programme in the State	3400	..	..	..	..	..	..	5600	9000

HTH-71	Establishment of one State Laboratory	285	..	..	..	..	..	..	..	285
HTH-72	Opening of Biological water analysis section in the Food Laboratory in the State	100	..	..	..	..	..	..	..	100
HTH-73	Establishment of Regional Laboratory in the State	200	100	..	..	..	..	..	..	200
HTH-74	Improvement of Bacteriological laboratory at Karnal	25	..	..	..	..	..	..	..	25
HTH-75	Health Education Bureau	380	..	..	..	..	..	..	..	380
HTH-76	School Health Services in ten Towns	600	..	..	..	..	..	..	..	600
HTH-77	Establishment of Epidemiological Unit in the State	200	..	..	..	..	..	..	..	200
HTH-78	Establishment of Health Intelligence Bureau (Improvement of Vital Statistics)	100	..	..	..	..	..	..	..	100
HTH-79	Re-organization and expansion of Directorate of Health Services, Punjab	520	..	..	..	..	..	..	..	520
HTH-80	Appointment of additional Drug Inspectors	300	..	..	..	..	..	..	..	300
HTH-81	Rehabilitation of handicapped	200	150	..	..	..	..	..	..	200
Total (New Schemes)		85905	32583	5000	..	50	..	..	5600	91505
Total (Spill Over Schemes)		4795	4795	..	..	..	..	..	..	4795
GRAND TOTAL MEDICAL		90700	37378	5000	..	50	..	..	5600	96300

† Includes only the State share in the case of Centrally-sponsored Schemes.

\* Centrally-sponsored Scheme.

**SUB-HEAD No. 21.—HEALTH  
(AYURVEDA)  
DETAILED STATEMENT—I**

(FINANCIAL OUTLAY)

Third Plan provision (Net)†	1. Total	... 4800
	2. Capital	... 1899
	3. Revenue	... 2901

(Thousand Rs)

Number of Scheme	Name of Scheme	COST NET†		Foreign exchange involved in col. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COM- MITTEE/BOARD		Centre's share in case of Centrally- sponsored Schemes	Total Cols. (3+6+9+ 10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
HTH-82	Completion of Government Ayurvedic College, Patiala ..	890	526	..	..	..	..	..	..	890
HTH-83	Completion of Government Ayurvedic Hospital, Patiala ..	972	532	50	..	2	..	..	..	972
HTH-84	Expansion of Government Central Pharmacy, Patiala ..	501	101	..	..	..	..	..	..	501
HTH-85	Establishment of one Circle Office in hilly areas of the State	100	..	..	..	..	..	..	..	100
HTH-86	Establishment of four Circle Offices in non-hilly areas of the State ..	402	..	..	..	..	..	..	..	402
HTH-87	Opening of 55 Ayurvedic/Unani dispensaries in hilly areas of the State ..	742	..	..	Rent-free accommodation	4	..	..	..	742
HTH-88	Expansion of Directorate ..	58	..	..	..	..	..	..	..	58
HTH-89	Establishment of two 10-bedded Ayurvedic Circle Hospitals in hilly areas of the State ..	454	296	..	Land free of cost	..	..	..	..	454
HTH-90	Establishment of three 10-bedded Ayurvedic Circle Hospitals in non-hilly areas of the State ..	681	444	..	Ditto	..	..	..	..	681
	Total (Ayurveda)	4800	1899	50	..	6	..	..	..	4800

276

†Includes only the State share in the case of Centrally-sponsored Schemes.

**SUB-HEAD No.21 —HEALTH  
(WATER-SUPPLY)  
DETAILED STATEMENT—I**

(FINANCIAL OUTLAY)

Third Plan provision	1. Total	.. 35500
(Net)†	2. Capital	.. 25000
	3. Revenue	.. 10500

(Thousand Rs)

Number of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in Col. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEES/BOARDS		Centre's share in case of Centrally-sponsored Schemes	Total Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
HTH-91	National Water-supply and Sanitation Scheme (Urban)	28000	25000	1000	20000	..	..	..	..	48000 This figure is exclusive of Rs 3000 thousand provided for grants
HTH-92	National Water-supply and Sanitation Scheme (Rural)	7500	..	..	1000	..	..	..	..	8500
	Total (Water-supply)	.. 35500	25000	1000	21000	..	..	..	..	56500
	<b>GRAND TOTAL (HEALTH)</b>	.. 131000	64277	6050	21000	56	..	..	5600	157600

†Includes only the State share in case of Centrally-sponsored Schemes.

**SUB-HEAD No. 21.—HEALTH**  
(MEDICAL)  
**DETAILED STATEMENT II**

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rs)

BREAK-UP OF FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS

Number of scheme	Name of scheme	Financial provision	Staff	Material and building	Land	Equipment and Machinery	Loan	Subsidy or grant- in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
<b>SPILL-OVER SCHEMES</b>										
HTH-1	Extension of V. J. Hospital, Amritsar ..	158	..	158	..	..	..	..	..	158
HTH-2	Establishment of 50-bedded Orthopaedic Ward at V. J. Hospital, Amritsar ..	143	..	143	..	..	..	..	..	143
HTH-3	Construction of nurses hostel for 250 nurses at the V. J. Hospital, Amritsar ..	121	..	121	..	..	..	..	..	121
HTH-4	Completion of Rajendra Hospital, Patiala	20	..	20	..	..	..	-	..	20
HTH-5	Provision of beds for infectious diseases ward—increase of beds in Rajendra Hospital, Patiala ..	129	..	129	..	..	..	..	..	129
HTH-6	Establishment of Civil Hospital, Dhuri ..	173	..	173	..	..	..	..	..	173
HTH-7	Establishment of Mental Hospital, Patiala	576	..	576	..	..	..	..	..	576
HTH-8	Additional essential building of the Punjab Mental Hospital, Amritsar ..	50	..	50	..	..	..	..	..	50
HTH-9	New building and provision of indoor accommodation at Civil Dispensary, Syri	15	..	15	..	..	..	..	..	15
HTH-10	Construction of dispensary building and staff quarters at Chausa ..	36	..	36	..	..	..	..	..	36

HTH-11	Provision of tube-well and a reservoir for Ram Lal Eye Hospital and T.B. Sanatorium, Amritsar	13	..	13	..	..	..	..	..	13
HTH-12	Provision of X-Ray Plant at Ishri Hospital, Nalagarh	25	..	25	..	..	..	..	..	25
HTH-13	Extension and improvement of Lady Dufferin Hospital, Patiala	175	..	175	..	..	..	..	..	175
HTH-14	Construction of additional accommodation for incurable patients at the Mental Hospital, Amritsar	84	..	84	..	..	..	..	..	84
HTH-15	Establishment of Paediatric Centre at Medical College, Amritsar—Completion of Staff quarters	42	..	42	..	..	..	..	..	42
HTH-16	Conversion of existing dispensaries into Health Centres	1720	..	1720	..	..	..	..	..	1720
HTH-17	Extension of Anatomy Block at Medical College, Amritsar	40	..	40	..	..	..	..	..	40
HTH-18	Additions and alterations in the Medical College, Amritsar, for raising admission in MBBS Class from 80 to 100	5	..	5	..	..	..	..	..	5
HTH-19	Construction of quarters for servants in Medical College, Amritsar	14	..	14	..	..	..	..	..	14
HTH-20	Expansion of Health School, Amritsar	75	..	75	..	..	..	..	..	75
HTH-21	Construction of building for Dental College and Hospital, Amritsar	80	..	80	..	..	..	..	..	80
HTH-22	Construction of T.B. Sanatorium, Tanda	287	..	287	..	..	..	..	..	287
HTH-23	Extension of Hardinge Sanatorium, Dharampore	24	..	24	..	..	..	..	..	24
HTH-24	V.D. Clinic, Dharampore	60	..	60	..	..	..	..	..	60
HTH-25	Establishment of State Health Laboratory	730	..	730	..	..	..	..	..	730
Total Spill-over Schemes		4795	..	4795	..	..	..	..	..	4795



**SUB-HEAD No. 21—HEALTH—CONTD**  
**MEDICAL**  
**DETAILED STATEMENT—II**

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rs)

BREAK-UP OF FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS											
Number of Scheme	Name of Scheme	Financial Provision	Staff	Material and building	Land	Equipment and Machinery	Loan	Subsidy or grant-in- aid	Others	Total	
1	2	3	4	5	6	7	8	9	10	11	
<b>NEW SCHEMES</b>											
HTH-26	Expansion of V. J. Hospital, Amritsar ..	3548	500	2548	...	500	...	...	...	3548	
HTH-27	Expansion of Rajendra Hospital, Patiala ..	807	200	607	...	...	...	...	...	807	
HTH-28	Modernization of District Headquarter's Hospitals ..	330	200	82	...	48	...	...	...	330	
HTH-29	Improvement of 6 hospitals as referral hospitals ..	640	300	200	...	140	...	...	...	640	
HTH-30	Establishment of a Mental Hospital at Patiala	50	10	...	...	30	...	...	10	50	
HTH-31	Psychiatric out-patients clinics at district headquarter's hospitals ..	50	40	...	...	...	...	...	10	50	
HTH-32	Opening of ten new dispensaries ..	360	300	...	...	60	...	...	...	360	
HTH-33	Completion of Hospital/Dispensary buildings	150	...	150	...	...	...	...	...	150	
HTH-34	Construction of rural dispensary building and staff quarters at Nirmand (Kangra) ..	30	...	30	...	...	...	...	...	30	
HTH-35	Construction of rural dispensary buildings and staff quarters at Khundian and Broh (Kangra District) ..	60	...	60	...	...	...	...	...	60	
HTH-36	Staff quarters at rural dispensary, Tika, Nagrota, Gilore and Chori (Kangra)	45	...	45	...	...	...	...	...	45	

HTH-37	Starting of a mobile mule dispensary with appointment of staff at provincialized rural dispensary at Morni (Ambala)	110	60	20	..	30	..	..	..	110
HTH-38	Construction of rural dispensary building and staff quarters at Sainj, district Kangra	60	..	60	..	..	..	..	..	60
HTH-39	Opening of Primary Health Centres ..	5280	..	5280	..	..	..	..	..	5280
HTH-40	Provision of Indoor additional accommodation in Primary Health Centre, Hamirpur ..	55	..	55	..	..	..	..	..	55
HTH-41	Expansion of Medical College, Amritsar	2000	500	1500	..	..	..	..	..	2000
HTH-42	Expansion of Medical College, Patiala	353	119	100	..	134	..	..	..	353
HTH-43	Opening of a new Medical College and attached hospital to Medical College, Rohtak ..	17500	3000	12000	..	2500	..	..	..	17500
*HTH-44	Post-Graduate Institute attached with hospitals at Chandigarh ..	13500	3000	7500	..	3000	..	..	..	13500
HTH-45	Grant-in-aid to Punjab University ..	200	..	..	..	..	..	200	..	200
HTH-46	Improvement of Health School, Amritsar	100	60	..	..	10	..	30	..	100
HTH-47	Improvement of Rural Training Centre, Verka ..	200	100	75	..	25	..	..	..	200
HTH-48	Rural Health Training Centre, Bhadson, attached to the Department of Social and Preventive Medicine, Medical College, Patiala ..	200	100	75	..	25	..	..	..	200
HTH-49	Training of nurses ..	600	336	..	..	..	..	264	..	600
HTH-50	Institute for Sanitary Inspector's training at Amritsar and Chandigarh ..	100	100	..	..	..	..	..	..	100
HTH-51	Training of Aux. Nurse and Midwives ..	800	400	..	..	40	..	200	160	800
HTH-52	Training of Laboratory Technicians ..	87	45	..	..	17	..	25	..	87
HTH-53	Training of Diploma in Pharmacy (Pharmacists) ..	350	200	..	..	150	..	..	..	350

**SUB-HEAD No. 21.—HEALTH (MEDICAL)**

**DETAILED STATEMENT—II**

**(BREAK-UP OF FINANCIAL OUTLAY)**

**(Thousand Rs)**

Number of Scheme	Name of Scheme	Financial Provision	BREAK UP OF FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS							Total
			Staff	Material and building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	
1	2	3	4	5	6	7	8	9	10	11
	<b>NEW SCHEMES—CONTD</b>									
HTH-54	Training of Radiographers ..	84	..	84	..	..	..	..	..	84
HTH-55	Construction of a hostel for boys and girls of Punjab Government Dental College and Hospital, Amritsar ..	542	100	442	..	..	..	..	..	542
HTH-56	Training of Dental Hygienists at Dental College, Amritsar ..	22	12	10	..	..	..	..	..	22
HTH-57	Expansion of Government Dental College, Patiala (from 12 to 20 seats) ..	148	100	..	..	48	..	..	..	148
HTH-58	Opening of Dental Clinics at District and Tehsil Headquarters ..	100	70	..	..	30	..	..	..	100
HTH-59	Opening of Post-Graduate Course in Dentistry ..	100	70	..	..	30	..	..	..	100
HTH-60	Malaria Eradication Programme ..	24350	15148	6202	..	3000	..	..	..	24350
HTH-61	Mobile Mass Miniature Radiography Unit in the State ..	300	175	..	..	125	..	..	..	300
HTH-62	B.C.G. Vaccination Programme ..	1100	1100	..	..	..	..	..	..	1100
HTH-63	Establishment of Isolation beds for T.B. patients at Amritsar and Tanda ..	313	213	100	..	..	..	..	..	313
HTH-64	Grant-in-aid to T.B. Clinics ..	450	..	..	..	450	..	..	..	450
HTH-65	Rehabilitation centre for 75 Ex-T.B. patients ..	46	..	46	..	..	..	..	..	46
HTH-66	Improvement of Leprosy clinics and homes in the State ..	75	..	..	..	..	..	..	75	75

HTH-67	Mobile Unit for control of venereal diseases	..	100	40	..	..	50	..	..	10	100
HTH-68	Expansion of the Vaccine Institute, Amritsar, to increase production of vaccine (a) Organization of eradication of Small-pox	..	4000	2700	300	..	600	..	..	400	4000
HTH-69	Control of Hook worm disease	..	300	..	..	..	..	..	..	300	300
*HTH-70	Family Planning Programme in the State	..	3400	1400	..	..	1600	..	..	400	3400
HTH-71	Establishment of one State Regional Laboratory	..	285	185	..	..	100	..	..	..	285
HTH-72	Opening of Biological water analysis section in the Food Laboratory in the State	..	100	91	..	..	..	..	..	9	100
HTH-73	Establishment of Regional Laboratory in the State	..	200	40	100	..	40	..	..	20	200
HTH-74	Improvement of Bacteriological Laboratory at Karnal	..	25	15	..	..	10	..	..	..	25
HTH-75	Health Education Bureau	..	380	280	..	..	100	..	..	..	380
HTH-76	School Health Services in ten towns	..	600	400	..	..	100	..	..	100	600
HTH-77	Establishment of Epidemiological unit in the State	..	200	120	..	..	80	..	..	..	200
HTH-78	Establishment of Health Intelligence Bureau (Improvement of vital statistics)	..	100	80	..	..	20	..	..	..	100
HTH-79	Reorganisation and expansion of Directorate of Health Services, Punjab	..	520	520	..	..	..	..	..	..	520
HTH-80	Appointment of additional Drug Inspectors	..	300	277	..	..	..	..	..	23	300
HTH-81	Rehabilitation of handicapped	..	200	50	150	..	..	..	..	..	200
	Total New Schemes	..	85905	32840	37737	..	13092	..	719	1517	85905
	Total Spill-Over Schemes	..	4795	..	4795	..	..	..	..	..	4795
	GRAND TOTAL (MEDICAL)	..	90700	32840	42532	..	13092	..	719	1517	90700

\*Centrally-sponsored Scheme.

**SUB-HEAD No. 21 HEALTH**  
**(AYURVEDA)**  
**DETAILED STATEMENT II**

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rs)

BREAK-UP OF FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS											
Number of Scheme	Name of Scheme	Financial provision	Staff	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	Total	
1	2	3	4	5	6	7	8	9	10	11	
HTH-82	Completion of Government Ayurvedic College, Patiala	890	321	426	100	43	—	—	—	890	
HTH-83	Completion of Government Ayurvedic Hospital, Patiala	972	252	360	172	188	—	—	—	972	
HTH-84	Expansion of Government Central Pharmacy, Patiala	501	234	101	—	166	—	—	—	501	
HTH-85	Establishment of one Circle office in hilly areas of the State	100	90	—	—	10	—	—	—	100	
HTH-86	Establishment of four Circle offices in non-hilly areas of the State	402	360	—	—	42	—	—	—	402	
HTH-87	Opening of 55 Ayurvedic/Unani Dispensaries in hilly areas of the State	742	475	—	—	267	—	—	—	742	
HTH-88	Expansion of Directorate	58	54	—	—	4	—	—	—	58	
HTH-89	Establishment of two 10-bedded Ayurvedic Circle Hospitals in hilly areas of the State	454	118	296	—	40	—	—	—	454	
HTH-90	Establishment of three 10-bedded Ayurvedic Circle Hospitals in non-hilly areas of the State	681	177	444	—	60	—	—	—	681	
	<b>Total (Ayurveda)</b>	<b>4800</b>	<b>2081</b>	<b>1627</b>	<b>272</b>	<b>820</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>4800</b>	

HTH-91	National Scheme (Urban)	Water-supply and Sanitation	...	28000	280	22400	420	2800	--	--	2100	28000
HTH-92	National Scheme (Rural)	Water-supply and Sanitation	...	7500	75	6000	113	750	--	--	562	7500
Total (Water-supply)			...	35500	355	28400	533	3550	--	--	2662	35500
Grand Total "Health"			...	131000	35276	72559	805	17462	--	719	4179	131000

**SUB-HEAD No. 21—HEALTH**  
**(MEDICAL)**

**DETAILED STATEMENT—III**

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in man-years

No. of Scheme	Name of Scheme	TECHNICAL					Total
		Admini- trative and Clerical	Degree level	Diploma or Certi- ficate level	Skilled workers not in- cluded under columns 4 and 5	Others including Class IV emplo- yees	
1	2	3	4	5	6	7	8
<b>NEW SCHEMES</b>							
HTH-26	Expansion of V.J. Hospital, Amritsar	5 Clerical 20 Admini- strative	16	..	1	15	37
HTH-28	Modernization of District Headquarter's Hospitals ..	..	18	..	..	19	37
HTH-29	Improvement of 6 hospitals as referral hospitals ..	..	34	..	..	..	34
HTH-30	Establishment of Mental Hospital, Patiala ..	4	14	..	28	58	100
HTH-31	Psychiatric out-patients clinics at district headquarter's hospitals ..	..	8	..	..	16	24
HTH-32	Opening of ten new dispensaries ..	..	30	..	..	40	70
HTH-37	Starting of a Mobile Mule dispensary with appointment of staff as provincialized rural dispensary at Morni (Ambala) ..	..	2	..	..	3	..
HTH-41	Expansion of Medical College, Amritsar ..	3	70	..	..	12	85
HTH-42	Expansion of Medical College, Patiala ..	7	6	..	5	6	21
HTH-43	Opening of a New Medical College, and attached hospital to Medical College, Rohtak ..	154	422	..	263	459	1,298
*HTH-44	Post-Graduate Institute attached with hospitals at Chandigarh ..	711	3,081	..	189	2,318	6,299
HTH-46	Improvement of Health School, Amritsar ..	1	3	..	..	5	..
HTH-47	Improvement of Rural Training Centre, Verka ..	2	3	..	1	8	..

## SUB-HEAD NO. 21—HEALTH (MEDICAL)—contd.

## DETAILED STATEMENT III—CONTD

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in man-years

No. of Scheme	Name of Scheme	Adminis- trative and Clerical	TECHNICAL				Others in- cluding Class IV emplo- yees	Total
			Degree level	Diploma or Certi- ficate level	Skilled workers not in- cluded under columns 4 and 5			
1	2	3	4	5	6	7	8	
HTH-48	Rural Health Training Centre, Bhadson, attached to the Department of Social and Preventive Medicine, Medical College, Patiala	..	1	..	7	2	10	
HTH-49	Training of nurses	..	25	..	..	12	37	
HTH-50	Institute for Sanitary Inspector's training at Amritsar and Chandigarh	..	1	..	..	..	1	
HTH-51	Training of Auxiliary Nurse and Midwives	..	..	..	10	5	15	
HTH-52	Training of Laboratory Technician	..	1	..	..	2	3	
HTH-53	Training of Diploma in Pharmacy (Pharmacists)	..	2	7	4	6	19	
HTH-54	Training of Radiographers	..	10	..	10	10	30	
HTH-55	Construction of a hostel for boys and girls of Punjab Government Dental College and Hospital, Amritsar	..	2	..	5	23	30	
HTH-56	Training of Dental Hygienists at Dental College, Amritsar	..	6	..	..	..	6	
HTH-57	Expansion of Government Dental College, Patiala, from 12 to 20 seats	..	3	9	4	13	29	
HTH-58	Opening of Dental Clinic at District and Tehsil Headquarters	..	4	..	..	2	6	
HTH-59	Opening of Post-Graduate Course in Dentistry	..	4	6	14	2	26	
HTH-60	Malaria Eradication Programme	285	1,026	..	342	7,499	9,152	
HTH-61	Mobile Mass Miniature Radiography Unit in the State	..	1	5	1	1	8	



## SUB-HEAD No. 21—HEALTH (MEDICAL)—CONTD

## DETAILED STATEMENT, III—CONTD

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in man-years

No. of Scheme	Name of Scheme	Adminis- trative and Clerical	TECHNICAL				Others in- cluding Class IV employ- ees	Total
			Degree level	Diploma or Certi- ficate level	Skilled workers not in- cluded under columns 4 and 5			
1	2	3	4	5	6	7	8	
NEW SCHEME—CONTD								
HTH-62	B.C.G. Vaccination Programme	45	210	..	70	75	400	
HTH-63	Establishment of Isolation beds for T.B. patients at Amritsar and Tanda	..	2	8	..	..	28	
HTH-66	Improvement of Leprosy clinics and homes in the State	..	..	..	..	..	..	
HTH-67	Mobile Unit for control of venereal diseases	..	..	8	..	4	4	
HTH-68	Expansion of the Vaccine Institute, Amritsar, to increase production of vaccine lymph—	..	..	..	..	..	..	
	(a) Organisation of eradication of Small-pox	..	75	1,632	..	33	144	
HTH-69	Control of Hookworm disease	..	..	6	..	2	6	
*HTH-70	Family Planning Programme in the State	..	24	31	..	..	1	
HTH-71	Establishment of one State Regional Laboratory	..	12	18	..	..	39	
HTH-72	Opening of Biological Water Analysis Section in the Food Laboratory in the State	..	33	75	..	..	60	
HTH-73	Establishment of Regional Laboratory in the State	..	16	24	..	..	52	
HTH-74	Improvement of Bacteriological Laboratory at Karnal	..	..	..	..	..	..	
HTH-75	Health Education Bureau	..	16	12	..	..	..	
HTH-76	School Health Services in ten towns	..	..	112	..	..	32	
HTH-77	Establishment of Epidemiological Unit in the State	..	..	4	..	4	24	
HTH-78	Establishment of Health Intelligence Bureau (Improvement of Vital Statistics)	..	18	46	..	..	11	

## SUB-HEAD No. 21—HEALTH (MEDICAL)—CONTD

## DETAILED STATEMENT III—CONTD

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in Man-years

No. of Scheme	Name of Scheme	Adminis- trative and Clerical	TECHNICAL				Total
			Degree level	Diploma or certi- ficate level	Skilled workers not included under Columns 4 and 5	Others in- cluding class IV employ- ees	
1	2	3	4	5	6	7	8
HTH-79	Re-organisation and expansion of Directorate of Health Services, Punjab ...	280	..	..	10	45	335
HTH-80	Appointment of additional drug Inspectors ..	23	23	..	..	23	69
HTH-81	Rehabilitation of Handicapped ..	..	..	..	..	..	..
	Total (Medical) ..	1,749	7,016	..	1,007	11,080	20,852
<b>HEALTH (AYURVEDA)</b>							
HTH-82	Completion of Government Ayurvedic College, Patiala ..	30	83	33	14	59	219
HTH-83	Completion of Government Ayurvedic Hospital, Patiala ..	13	7	77	4	94	195
HTH-84	Expansion of Government Central Pharmacy, Patiala ..	44	18	11	42	72	187
HTH-85	Establishment of one Circle office in hilly areas of the State ..	35	5	..	..	20	60
HTH-86	Establishment of four Circle offices in non-hilly areas of the State ..	140	20	..	..	80	240
HTH-87	Opening of 55 Ayurvedic/Unani dispensaries in hilly areas of the State ..	..	165	165	165	330	825
HTH-88	Expansion of Directorate ..	26	3	..	..	3	32
HTH-89	Establishment of two 10-bedded Ay. Circle Hospitals in hilly areas of the State ..	18	6	24	6	60	114
HTH-90	Establishment of three 10-bedded Ay. Circle Hospitals in non-hilly areas of the State ..	27	9	36	9	90	172
	Total (Ayurveda) ..	333	316	346	240	808	2,043
<b>HEALTH (WATER-SUPPLY)</b>							
HTH-91	National Water-supply and Sanitation Scheme (Urban) ..	980	184	740	6,468	25,872	34,244
HTH-92	National Water-supply and Sanitation Scheme (Rural) ..	329	62	248	2,170	8,680	11,489
	Total (Water-supply) ..	1,309	246	988	8,638	34,552	45,733
	Grand Total 'Health' ..	3,391	7,578	1,334	9,885	46,440	68,628

\*Centrally-sponsored Scheme.

Note.—(1) Man-year means one person employed for one year.

(2) If one person is likely to continue in employment for five years, 5 man-years have been counted.

## SUB-HEAD NO. 21—HEALTH

## (MEDICAL)

## DETAILED STATEMENT—IV

## (PHYSICAL TARGETS)

S. No.	Item	Unit	Position at the end of Second plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third plan (on 31st March, 1966)
1	2	3	4	5	6
1	Hospitals to be modernised	.. No.	..	1	1
2	Hospitals to be improved	.. No.	..	6	6
3	Psychiatric out-patient clinics	.. No.	..	1	" 1
4	Opening of Dispensaries	.. No.	N.A.	10	N.A.
5	Health Centres to be started	.. No.	153	75	228
6	Medical College, Rohtak—				
	(i) Admission of students per year	.. No.	50	..	50
	(ii) Beds	.. No.	..	500	500
7	Post-Graduate Institute, Chandigarh—				
	(i) Admission of students	.. No.	..	125	125
	(ii) Beds	.. No.	..	500	500
8	Admission to M.B.,B.S. Course per year	No.	250	100	350
9	Additional admission in A.N. Midwives' Course	No.	225	275	500
10	Additional admission in Nurses Course	.. No.	30	100	130
11	Additional admission in Diploma in Pharmacy	No.	35	1,250	1,285
12	Admission in B.D.S. Course	.. No.	16	24	40
13	Dental Clinics	.. No.	7	2	9
14	B.C.G.—				
	(i) Tested (Population to be covered)..	Thousand persons	.. Entire population	2450 (Re-tested)	2450 ((Re-tested)
	(ii) Vaccinated	Ditto	..	Ditto	1900 613 2513

## SUB-HEAD NO. 21—HEALTH (MEDICAL)

## (WATER-SUPPLY)

## DETAILED STATEMENT—IV—CONCLD.

(PHYSICAL TARGETS)—CONCLD.

Serial No.	Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)
1	2	3	4	5	6
15	Mobile Unit for control of V.D.	.. No.	..	1	1
16	Mass Miniature Radiography Unit	.. No.	..	1	1
17	Family Planning Clinics	.. No.	N.A.	50	N.A.
18	Epidemiological Unit	.. No.	..	1	1
HEALTH (AYURVEDA)					
19	Additional personnel for Government Ayurvedic College, Patiala	.. No.	42	69	111
20	Additional Beds in Ayurvedic Hospital, Patiala	No.	50	50	100
21	Ayurvedic Dispensaries to be opened	.. No.	382	55	437
22	Additional staff for the Ayurvedic Directorate	No.	32	12	44
HEALTH (WATER SUPPLY)					
23	National Water-supply and Sanitation Scheme (Urban)—				
	(a) Water-supply	.. No. of Towns	25	32	57
	(b) Drainage	.. No. of Towns	44	28	72
24	National Water-supply and Sanitation Scheme (Rural)	No. of villages	300	170	470



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## 22. HOUSING

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**SUB-HEAD No. 22—HOUSING**

**DETAILED STATEMENT—I**

**FINANCIAL OUTLAY**

Third Plan net	Provision 1. Total	24000
	2. Capital	21099
	3. Revenue	2901

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in Col. 3	Public contribution	Income, if any	SHARE OF THE TECHNICAL COMMITTEES		Centre's Share in case of Centrally Sponsored Schemes	TOTAL Col. 3 +6+9+ 10
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
HSG-1	Subsidized Industrial Housing	..	5000	3349	..	..	..	..	..	5000
HSG-2	Low-Income Group Housing	..	13550	13550	..	..	..	..	..	13550
HSG-3	Village Housing Projects	..	4200	4200	..	..	..	..	..	4200
HSG-4	Slum Clearance	..	1250	..	..	..	..	..	3750	5000
HSG-5	Land Acquisition and Development	..	..	..	..	..	..	..	15000	15000
	<b>Total</b>	..	<b>24000</b>	<b>21099</b>	..	..	..	..	<b>18750</b>	<b>42750</b>

†Includes only the State Share in the case of Centrally Sponsored Schemes.



**SUB-HEAD No. 22—'HOUSING'**

**DETAILED STATEMENT—II**

**BREAK-UP OF FINANCIAL OUTLAY**

(Thousand Rs)

**BREAK OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS**

No. of Scheme	Name of Scheme	Financial Provision	Staff	Material Building	Land	Equipment Machinery	Loan	Subsidy or grant-in-aid	Others	Total
			4	5	6	7	8	9	10	11
HSG-1	Subsidized Industrial Housing	5000	..	..	..	..	3072	1374	554	5000
HSG-2	Low Income Group Housing	13550	..	..	..	..	13550	..	..	13550
HSG-3	Village Housing Project	4200	..	..	..	..	4200	..	..	4200
HSG-4	Slum Clearance	1250	..	..	..	..	625	625	..	1250
HSG-5	Land Acquisition and Development	..	..	..	..	..	..	..	..	..
	<b>Total</b>	<b>24000</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>21447</b>	<b>1999</b>	<b>554</b>	<b>24000</b>

**SUB-HEAD No. 22—'HOUSING'**

**DETAILED STATEMENT—III**

**EMPLOYMENT POTENTIAL**

No. of Scheme	Name of Scheme	Administration and Clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including Class IV employees	Total
			Degree level	Diploma or Certificate level			
No direct employment will be generated in the public sector.							

## SUB-HEAD NO. 22—'HOUSING'

DETAILED STATEMENT IV (PHYSICAL TARGETS)					
No. of Scheme	Item	Unit	Position at the end of the second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)
1	2	3	4	5	6
<b>HSG-1</b>	<b>Subsidized Industrial Housing Scheme—</b>				
	(a) Tenements : One roomed/two roomed—				
	(i) Under construction	.. No.	200	..	200
	(ii) Completed	.. No.	2172	1200	3372
	(b) Assistance paid (Loan and Subsidy)—				
	(i) State Government	.. (000) Rs	6475	554	7029
	(ii) Co-operatives	.. (000) Rs	589	1946	2535
	(iii) Employer	.. (000) Rs	381	2500	2881
<b>HSG-2</b>	<b>Low-Income Group Housing—</b>				
	(a) Tenements—				
	(i) Under construction	.. No.	5691	..	5691
	(ii) Completed	No.	13131	2710	15841
	(b) Loan given for—				
	(i) development of land	.. (000) Rs	300	..	300
	(ii) Construction of tenements	(000) Rs	67236	13550	80786
<b>HSG-3</b>	<b>Village Housing Projects—</b>				
	(a) Villages covered	.. No.	65	135	200
	(b) Tenements—				
	(i) Under construction	.. No.	250	..	250
	(ii) Completed	.. No.	40	3500	3540
	(c) Loan given	.. (000) Rs	3137	4200	7337
<b>HSG-4</b>	<b>Slum Clearance—</b>				
	(a) Projects under construction	No.	2	..	2
	(b) Projects completed	No.	1	..	1
	(c) Tenements—				
	(i) Under Construction	.. No.	432	..	432
	(ii) Completed	.. No.	85	1370	1455
	(d) Assistance given (loan and subsidy)	(000) Rs	1878	5000	6878
<b>HSG-5</b>	<b>Land Acquisition and Development—</b>				
	Area acquired	.. Hectre	..	750	750

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## **23. LABOUR AND LABOUR WELFARE**

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**SUB-HEAD : 23—LABOUR AND LABOUR WELFARE**

**DETAILED STATEMENT—I**

FINANCIAL OUTLAY

Third Plan Provision (Net)†	1. Total	..	15,500
	2. Capital	..	15,220
	3. Revenue	..	10,280

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in col. 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally-sponsored schemes	TOTAL Cols. 3+6+(9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
<b>I—LABOUR WELFARE</b>										
LAB-1	Reorganisation of State Conciliation Machinery	320	..	..	..	..	..	..	..	320
LAB-2	Strengthening of Implementation and Evaluation section in the Labour Commissioner's Office	100	..	..	..	..	..	..	..	100
LAB-3	Better and effective enforcement of Minimum Wages Act, 1948	310	..	..	..	..	..	..	..	310
LAB-4	Scheme for making improvements in the working of the Labour Welfare Centres in the State	274	..	..	..	..	..	..	..	274
LAB-5	Opening of Research and Statistical section in the office of the Labour Commissioner, Punjab	187	..	..	..	..	..	..	..	187
LAB-6	Training of staff	9	..	..	..	..	..	..	..	9
	<b>Total—I—Labour Welfare</b>	<b>1200</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>1200</b>
<b>II—EMPLOYEES' STATE INSURANCE</b>										
LAB-7	Additional staff for the office of Assistant Director of Health State Insurance	15	..	..	..	..	..	..	..	15

**SUB-HEAD : 23—LABOUR AND LABOUR WELFARE—CONTD**

**DETAILED STATEMENT—I—CONTD**

**FINANCIAL OUTLAY**

(Thousand Rs.)

No. of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in col 3	Public contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally-sponsored Schemes	TOTAL Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
LAB-8	Training facilities for ancillary staff in Third Plan ..	27	..	..	..	..	..	..	..	27
LAB-9	Extension of E. S. I. Scheme to new areas ..	524	..	..	..	..	..	..	..	524
LAB-10	Rent of State Insurance Dispensaries ..	34	..	..	..	..	..	..	..	34
	<b>Total II—Employees' State Insurance ..</b>	<b>600</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>600</b>

*Note.*—No Central assistance is received but the E. S. I Corporation will bear 7/8th of the total expenditure as its share in the agreed ratio.

**III—EMPLOYMENT EXCHANGES**

**\*LAB-11 Expansion of Employment Exchanges—**

(i) Expansion of Employment Service ..	456	..	..	..	..	..	..	..	684	1,140
(ii) Collection of Employment Market Information ..	38	..	..	..	..	..	..	..	57	95
(iii) Vocational Guidance ..	96	..	..	..	..	..	..	..	144	240
(iv) Occupational Research and Analysis ..	10	..	..	..	..	..	..	..	15	25
<b>Total III Employment Exchanges ..</b>	<b>600</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>900</b>	<b>1,500</b>

IV—CRAFTSMEN TRAINING

*LAB-12	Purchase of tools and equipment and construction of buildings (spell-over).	668	308	..	0	..	..	..	1002	1670
*LAB-13	Scheme for the starting of new Industrial Training Institutes for the development of craftsmen training	6454	2507	..	..	..	..	..	8680	16134
*LAB-14	Scheme for the introduction of additional seats in the existing Centres/Institutes	2,783	696	..	..	..	..	..	4,175	6,958
*LAB-15	National Apprenticeship Training Scheme	441	..	..	..	..	..	..	662	1,103
*LAB-16	Evening Classes for Industrial Workers	123	..	..	..	..	..	..	184	307
*LAB-17	Training of Principals and Inspecting Officers	5	..	..	..	..	..	..	7	12
*LAB-18	Headquarters Staff	120	..	..	..	..	..	..	180	300
*LAB-19	Hostel and Staff Quarters	1589	1589	..	..	..	..	..	2384	3973
*LAB-20	Grant of financial assistance to private parties for the opening of Industrial Training Institutes/Centres	452	..	..	..	..	..	..	678	1130
*LAB-21	Supply of tools and equipment and constructing of additional blocks for the Vocational Training Centres	465	120	..	..	..	..	..	698	1163
	Total IV Craftsmen Training (A)+(B)	13100	5220	..	..	..	..	..	19650	32750
	Grand Total (I—IV)	15500	5520	..	..	..	..	..	20580	36050

†Includes only the State's share in the case of Centrally-sponsored Schemes.

\*Centrally-sponsored Schemes.



**SUB-HEAD : 23—LABOUR AND LABOUR WELFARE—CONT'D**

**DETAILED STATEMENT—II**

**BREAK-UP OF FINANCIAL OUTLAY**

(Thousand Rs)

BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS											
No. of Scheme	Name of Scheme	Financial provision	Staff	Material and building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	Total	
1	2	3	4	5	6	7	8	9	10	11	
<b>I—LABOUR WELFARE</b>											
LAB-1	Reorganisation of State Conciliation Machinery ..	320	320	..	..	..	..	..	..	320	
LAB-2	Strengthening of Implementation and Evaluation section in the Labour Commissioner's Office ..	100	100	..	..	..	..	..	..	100	
LAB-3	Better and effective enforcement of Minimum Wages Act, 1948 ..	310	310	..	..	..	..	..	..	310	
LAB-4	Scheme for making improvements in the working of the Labour Welfare Centres in the State ..	274	274	..	..	..	..	..	..	274	
LAB-5	Opening of Research and Statistical section in the office of the Labour Commissioner, Punjab ..	187	187	..	..	..	..	..	..	187	
LAB-6	Training of Staff ..	9	9	..	..	..	..	..	..	9	
	<b>Total-I—Labour Welfare ..</b>	<b>1200</b>	<b>1200</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>1200</b>	
<b>II—EMPLOYEES' STATE INSURANCE</b>											
LAB-7	Additional staff for the office of Assistant Director of Health Services (State Insurance), Punjab ..	15	15	..	..	..	..	..	..	15	
LAB-8	Training facilities for ancillary staff in the Third Plan ..	27	..	..	..	..	..	..	27	27	

LAB-9	Extension of E.S.I. Scheme to new areas ..	524	188	..	..	..	..	..	336	524
LAB-10	Rent of State Insurance Dispensaries ..	34	..	..	..	..	..	..	34	34
Total-II—Employees' State Insurance ..		600	203	..	..	..	..	..	397	600
III—EMPLOYMENT EXCHANGES										
*LAB-11	Expansion of Employment Exchanges—									
	(i) Expansion of Employment Service ..	456	413	..	..	43	..	..	..	456
	(ii) Collection of Employment Market Information ..	38	37	..	..	1	..	..	..	38
	(iii) Vocational Guidance ..	96	78	..	..	18	..	..	..	96
	(iv) Occupational Research and Analysis	10	10	..	..	..	..	..	..	10
Total-III—Employment Exchanges		600	538	..	..	62	..	..	..	600
IV—CRAFTSMEN TRAINING										
*LAB-12	Purchase of tools and equipment and construction of building (Spill-over) ..	668	..	308	..	360	..	..	..	668
*LAB-13	Scheme for the starting of new Industrial Training Institutes for the development of craftsmen training ..	6454	1941	2069	438	2006	..	..	..	6454

\*Centrally-sponsored Schemes.

**SUB-HEAD : 23—LABOUR AND LABOUR WELFARE—CONTD**

**DETAILED STATEMENT—II—CONTD**

**BREAK-UP OF FINANCIAL OUTLAY**

(Thousand Rs.)

No. of Scheme	Name of Scheme	Financial position	BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS							Total
			Staff etc.	Material and building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	
1	2	3	4	5	6	7	8	9	10	11
*LAB-14	Scheme for the introduction of additional seats in the existing Centres/Institutes ..	2783	1159	566	130	928	..	..	..	2783
*LAB-15	National Apprenticeship Training Scheme	441	429	..	..	812	..	..	..	441
*LAB-16	Evening Classes for Industrial Workers ..	123	117	..	..	6	..	..	..	123
*LAB-17	Training of Principals and Inspecting Officers ..	5	5	..	..	..	..	..	..	5
*LAB-18	Headquarters Staff ..	120	120	..	..	..	..	..	..	120
*LAB-19	Hostel and Staff Quarters ..	1589	..	1589	..	..	..	..	..	1589
*LAB-20	Scheme for the grant of financial assistance to private parties for the opening of Industrial Training Institutes/Centres ..	452	132	..	..	320	..	..	..	452
*LAB-21	Supply of tools and equipment and construction of additional blocks for the Vocational Training Centres ..	465	..	120	..	245	..	..	..	465
	Total-IV—Craftsmen Training ..	13100	3903	4652	568	3977	..	..	..	13100
	GRAND TOTAL (I—IV) ..	15500	5844	4652	568	4039	..	..	397	15500

\*Centrally-sponsored Schemes.

## SUB-HEAD : 23—LABOUR AND LABOUR WELFARE—CONTD

## DETAILED STATEMENT—III

## EMPLOYMENT POTENTIAL

## Direct Employment to be Provided in Man Years

No. of Scheme	Name of Scheme	Admn. and clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including class IV employees	Total
			Degree level	Diploma or certificate level			
1	2	3	4	5	6	7	8
<b>I—LABOUR WELFARE</b>							
LAB-1	Reorganisation of State Conciliation Machinery ..	120	..	..	..	30	150
LAB-2	Strengthening of Implementation and Evaluation section in Labour Commissioner's office ..	35	..	..	..	5	40
LAB-3	Better and effective Enforcement of Minimum Wages Act	60	..	..	..	40	100
LAB-4	Scheme for making improvements in the working of the Labour Welfare Centres in the State ..	125	..	44	3	..	172
LAB-5	Opening of Research and Statistical section in the office of the Labour Commissioner, Punjab ..	70	..	..	..	15	85
LAB-6	Training of staff ..	..	..	..	..	..	..
<b>II—EMPLOYEES' STATE INSURANCE WELFARE</b>							
LAB-7	Additional staff for the office of Asst. Director of Health Services (S.I.), Punjab ..	15	..	..	..	..	15
LAB-8	Training facilities for ancillary staff in the Third Plan ..	..	..	170—Personnel such as Lady Health Visitor, Dispenser Midwives, Lab. Technician, be trained	..	..	170

**SUB-HEAD : 23- LABOUR AND LABOUR WELFARE (EMPLOYMENT EXCHANGES)—CONTD**  
**DETAILED STATEMENT III—CONTD**  
**EMPLOYMENT POTENTIAL**  
**Direct Employment to be provided in Man Years**

No. of Scheme	Name of Scheme	Admn. and clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including class IV employees	Total	
			Degree level	Diploma or certificate level				
1	2	3	4	5	6	7	8	
<b>III—EMPLOYMENT EXCHANGES</b>								
*LAB-II	Expansion of Employment Exchanges—							
(i)	Expansion of Employment Service ..	348	..	..	10	133	491	
(ii)	Collection of Employment Market Information	47	..	..	..	4	51	
(iii)	Vocational Guidance	49	..	5	..	48	102	
(iv)	Occupational Research and Analysis ..	10	..	..	..	..	10	
<b>IV—CRAFTSMEN TRAINING</b>								
*LAB-12	Purchase of tools and equipment and construction of buildings (Spill-over Scheme) ..	..	..	..	..	..	..	
*LAB-13	Scheme for the starting of new I.T.I.'s for the development of Craftsmen training ..	137	11	236	43	163	590	
*LAB-14	Scheme for introduction of additional seats in the existing Centres/ Institutes ..	43	5	95	20	56	219	
*LAB-15	National Apprenticeship Training Scheme	24	..	243	24	..	72	
*LAB-16	Evening Classes for Industrial Workers ..	18	..	10	9	9	46	
*LAB-17	Training of Principals and Inspecting Officers ..	..	..	..	..	..	..	
*LAB-18	Headquarters Staff ..	13	..	3	..	3	19	
*LAB-19	Hostel and Staff Quarters ..	..	..	..	..	..	..	
*LAB-20	Scheme for the grant of financial assistance to private parties for the opening of I.T.I.'s/ I.T.C.'s ..	26	2	46	8	32	114	
*LAB-21	Supply of tools and equipment and construction of additional blocks for the V.T.C.s ..	..	..	..	..	..	..	
Total		..	1140	18	633	117	538	2446

Notes 1.—Man year means one person employed for one year.

2.—If a person is likely to continue in employment for five years, five man years have been counted.

\*Centrally-sponsored Schemes.

## SUB-HEAD : 23—LABOUR AND LABOUR WELFARE—CONTD

## DETAILED STATEMENT—IV

(PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)
1	2	3	4	5	6
I—LABOUR WELFARE					
LAB-6	Training of staff	Officers to be trained	21	9	30
II—EMPLOYEES' STATE INSURANCE					
LAB-7	Additional staff for the office of the Assistant Director of Health Services (S. I.), Punjab	Persons to be recruited	Number	15	15
LAB-8	Training facilities for ancillary staff in the Third Five-Year Plan	Persons	Number	170	170
LAB-9	Extension of E. S. I. Scheme to new areas	Workers to be covered	Number	30000	30000
III—EMPLOYMENT EXCHANGES					
*LAB-II Expansion of Employment Exchange—					
(i) Expansion of employment Service—					
	(a) New Employment Exchanges to be established	No.	36(°)	11†	41(°)
	(b) Employment Exchanges to be upgraded	No.	3	1°	4
	(c) Rural Employment Information/Assistance Bureaus to be set up	No.	2	21	23
	(d) University Vocational Guidance/Employment Assistance Bureau to be set up	No.	..	2	2

## SUB-HEAD : 23—LABOUR AND LABOUR WELFARE—CONTD

## DETAILED STATEMENT IV—CONTD

(PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Addl. targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)	
1	2	3	4	5	6	
(ii)	Collection of Employment Market Information—					
	(a) Employment Market Information Units to be set up	No.	23	5	28	
	(b) Staff to be employed	..	..	3	3	
(iii)	Vocational Guidance—					
(iv)	Occupational Research and Analysis—					
	(a) Occupational Information Unit to be set up	No.	1	..	Assistant Employment Officers, 2 Clerks and a Peon and as such there will be only one Vocational Guidance Section at an Employment Exchange in place of 2 separate sections, viz. Youth Employment Section and Employment Counselling Section	
IV—CRAFTSMEN TRAINING						
1	New Industrial Training Institutes to be started	to be	Number	16	13	29
	Additional seats to be provided	..	No.	4698	*4180	8878
2	<u>Apprenticeship Training Scheme—</u>					
	Seats to be provided		No.	100	600	700
3	Evening Classes for Industrial Workers—					
	Seats to be provided	..	No.	50	300	350
<u>Training of Principals and Inspecting Officers—</u>						
	Principals/Inspecting Officers to be trained	to be	No.	6	25	31

\*Centrally-sponsored Schemes.

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**24. DEVELOPMENT OF BORDER AREAS  
(LAHAUL AND SPITI)**

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**SUB-HEAD No. 24—DEVELOPMENT OF BORDER AREAS (LAHAUL AND SPITI)**

	<b>DETAILED STATEMENT I</b>		
	<b>(FINANCIAL OUTLAY)</b>		
Third Plan Provision (Net) ..	1. Total ..	11400	
	2. Capital ..	6092	
	3. Revenue ..	5308	

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET†		Foreign exchange involved in Col. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of centrally sponsored schemes	Total Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
<b>STATE SCHEMES (SPILL OVER)</b>										
<b>P.W.D., BUILDINGS AND ROADS</b>										
DBA-1	Zing Zing Bar Road including Bridge over Darcha Nallah	300	300	..	..	..	..	..	..	300
DBA-2	Manali Rohtang Pass Road	530	530	..	..	..	..	..	..	530
DBA-3	Rohtang Pass—Koksar Road (Section Gramphoo to Koksar)	300	300	..	..	..	..	..	..	300
DBA-4	Inter-Village Paths	132	132	..	..	..	..	..	..	132
DBA-5	Bridge over Chandra at Koksar	88	88	..	..	..	..	..	..	88
DBA-6	Bridges over Jobrang and Nalda	146	146	..	..	..	..	..	..	146
DBA-7	Ropeway bridge over river Bhaga at Teeno and Jhoola crossing at Sissu	12	12	..	..	..	..	..	..	12
DBA-8	Improving Hampte Chhetru Road	50	50	..	..	..	..	..	..	50
DBA-9	Buildings	122	122	..	..	..	..	..	..	122

**SUB-HEAD NO. 24—DEVELOPMENT OF BORDER AREAS (LAHAUL AND SPITI)—CONTD**  
**DETAILED STATEMENT I—CONTD**  
(FINANCIAL OUTLAY)—*contd*

Third Plan Provision (Net)

1. Total ..	11400
2. Capital ..	6092
3. Revenue ..	5308

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET†		Foreign exchange involved in Col. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of centrally sponsored schemes	Total Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
DBA-10	Construction of a bridle road between Kunzam Pass and Dhankar and provision of Dhoppies and Jhoolas in Spiti Valley	20	20	..	..	..	..	..	..	20
DBA-11	Establishment	300	300	..	..	..	..	..	..	300
	Total (Spill over Schemes)	2000	2000	..	..	..	..	..	..	2000
	<b>STATE SCHEMES (NEW) P.W.D., BUILDINGS AND ROADS</b>									
DBA-12	Koksar Zing Zing Bar Road—Making Koksar Keylong Section truckable	700	700	..	..	..	..	..	..	700
DBA-13	Tools and plants	300	300	..	..	..	..	..	..	300
DBA-14	Buildings	250	250	..	..	..	..	..	..	250
DBA-15	Jhoolas	166	166	..	..	..	..	..	..	166
DBA-16	Improving Tandi-Throat Road	400	400	..	..	..	..	..	..	400
DBA-17	Air-strips in Spiti Valley	184	184	..	..	..	..	..	..	184
DBA-18	Establishment Charges	400	400	..	..	..	..	..	..	400
	Total	2400	2400	..	..	..	..	..	..	2400

**IRRIGATION**

DBA-19	Repair, construction and investigation of kulis	1600	1600	..	..	..	..	..	..	1600
<b>AGRICULTURE</b>										
D3 A-20	Establishment of five-acre seed-cum-demonstration farm in Lahaul and one in Spiti including buildings for store and beldar-huts	75	..	..	..	..	..	..	..	75
DBA-21	Establishment of an agricultural research farm at Shainsha	100	..	..	..	..	..	..	..	100
DBA-22	Development of fruit industry in Lahaul and Spiti	87	..	..	..	..	..	..	..	87
DBA-23	Provision of plants protection units	37	..	..	..	..	..	..	..	37
DBA-24	Training of local residents	31	..	..	..	..	..	..	..	31
DBA-25	Subsidy on supply of improved seeds	2	..	..	..	..	..	..	..	2
Total		332	..	..	..	..	..	..	..	332

**HEALTH (MEDICAL)**

DBA-26	Opening of four medical dispensaries	440	..	..	..	..	..	..	..	440
DBA-27	Training of two doctors and two dispensers	20	..	..	..	..	..	..	..	20
DBA-28	Training of Lady Health Visitors, Sanitary Inspectors and Auxiliary Nurse Midwives	12	..	..	..	..	..	..	..	12
DBA-29	Upgrading of civil dispensaries	78	..	..	..	..	..	..	..	78
DBA-30	Construction of buildings for dispensary at Gondla	168	168	..	..	..	..	..	..	168
Total		718	168	..	..	..	..	..	..	718

**INDUSTRIES**

DBA-31	Establishment of Namda Felting and Carpet Weaving Training Centres for Spiti area	183	..	..	..	..	..	..	..	183
DBA-32	Building for Training Centre for Namda Felting, Chain stitch, Embroidery Weaving Demonstration Party	140	140	..	..	..	..	..	..	140

**SUB-HEAD No. 24—DEVELOPMENT OF BORDER AREAS (LAHAUL AND SPITI)—CONCLD**  
**DETAILED STATEMENT I—CONCLD**

FINANCIAL OUTLAY—*concl'd*

Third Plan Provision (Net)

1. Total ..	11400
2. Capital ...	6092
3. Revenue ..	5308

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET†		Foreign exchange involved in Col. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of centrally sponsored schemes	Total (Cols. 3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
DBA-33	Extension of Government Wool Spinning and Weaving Demonstration Party	115	..	..	..	..	..	..	..	115
DBA-34	Provision of stipends to Lahaul students in State institutions, such as woodwork, textiles, tanning, etc.	37	..	..	..	..	..	..	..	37
	<b>Total</b>	<b>475</b>	<b>140</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>475</b>
	<b>ELECTRICITY</b>									
DBA-35	Electrification of Lahaul and Spiti	1394	1110	..	..	..	..	..	..	1394
	<b>CO-OPERATION</b>									
DBA-36	Assistance to Co-operative Consumers stores	95	50	..	..	..	..	..	..	95
DBA-37	Strengthening of Kuth Growers Co-operative Marketing Society	130	75	..	..	..	..	..	..	130
DBA-38	Establishment Charges	120	..	..	..	..	..	..	..	120
	<b>Total</b>	<b>345</b>	<b>125</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>345</b>
	<b>FORESTS</b>									
DBA-39	Development of forest works in Lahaul	475	..	..	..	..	..	..	..	475
DBA-40	Development of forest works in Spiti	165	..	..	..	..	..	..	..	165
DBA-41	Soil conservation works and grass land improvements in Lahaul	40	..	..	..	..	..	..	..	40
DBA-42	Soil conservation works and grass land improvements in Spiti	20	..	..	..	..	..	..	..	20
	<b>Total</b>	<b>700</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>700</b>

VETERINARY

DBA-43	Supply of Yaks and rams	50	..	..	..	..	..	..	50
DBA-44	Distribution of birds at concessional rates amongst the breeders	30	..	..	..	..	..	..	30
DBA-45	Opening of two veterinary dispensaries at suitable places	94	..	..	..	..	..	..	94
DBA-46	Construction of Government buildings for Veterinary Hospital at Keylong	160	160	..	..	..	..	..	160
DBA-47	Grant of stipends to students for admission to the Punjab College of Veterinary Science and A.H., Hissar	14	..	..	..	..	..	..	14
Total		348	160	..	..	..	..	..	348

P.W.D., PUBLIC HEALTH

DBA-48	Provision of drinking water-supply	1150	..	..	..	..	..	..	1150
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EDUCATION

DBA-49	Opening of primary schools	100	..	..	..	..	..	..	100
DBA-50	Supply of free books	17	..	..	..	..	..	..	17
DBA-51	Supply of mid-day meals	160	..	..	..	..	..	..	160
DBA-52	Reorientation of primary schools into basic type	4	..	..	..	..	..	..	4
DBA-53	Upgrading of five primary schools into middle schools	150	..	..	..	..	..	..	150
DBA-54	Stipends	728	..	..	..	..	..	..	728
DBA-55	Provision for teaching Bhoti in ten Spiti schools	90	..	..	..	..	..	..	90
DBA-56	Free education to 100 students at Government High School at Manali	250	..	..	..	..	..	..	250
DBA-57	Construction of buildings	314	314	..	..	..	..	..	314
Total		1813	314	..	..	..	..	..	1813

PUBLIC RELATIONS

DBA-58	Publicity	50	..	..	..	..	..	..	50
DBA-59	Construction of serai at Lote in Pattan Valley	75	75	..	..	..	..	..	75
Total		125	75	..	..	..	..	..	125

Total (New Schemes)

..	11400	6092	..	..	..	..	..	..	11400
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Grand Total (Spillover and New Schemes)	13,400	8,992	..	..	..	..	..	..	13,400
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†Includes only the state share in the case of centrally sponsored schemes.

**SUB-HEAD No. 24—DEVELOPMENT OF BORDER AREAS (LAHAUL AND SPITI)—CONTD**

**DETAILED STATEMENT II**

**(BREAK-UP OF FINANCIAL OUTLAY)**

(Thousand Rs)

BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS

No. of Scheme	Name of Scheme	Financial provision	Staff	Material and building	Land	Equipment and machinery	Loan	Subsidy and grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
<b>STATE SCHEMES (SPILL-OVER)</b>										
<b>P.W.D., BUILDINGS AND ROADS</b>										
DBA-1	Zing Zing Bar Road including Bridge over Darcha Nallah	2000	900	1100	..	..	..	..	..	2000
DBA-2	Manali Rohtang Pass Road									
DBA-3	Rohtang Pass Koksar Road (Section Gramphoo to Koksar)									
DBA-4	Inter-village paths									
DBA-5	Bridge over Chandra at Koksar									
DBA-6	Bridges over Jobrang and Nalda									
DBA-7	Ropeway bridge over river Bhaga at Teeno and Jhoola crossing at Sissu									
DBA-8	Improving Hampta Pass Chhatru Road									
DBA-9	Buildings									
DBA-10	Construction of a bridle road between Kunzam Pass and Dhankar and provision of Jhoolas in Spiti Valley									
DBA-11	Establishment									
<b>Total (Spill-over Schemes)</b>		<b>2000</b>	<b>900</b>	<b>1100</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>2000</b>

STATE SCHEMES (NEW)  
P.W.D., BUILDINGS AND ROADS

DBA-12	Koksar Zing Zing Bar Road—Making Koksar Keylong section truckable	}	2400	1100	1263	•	..	37	—	—	—	}	2400
DBA-13	Tools and plants												
DBA-14	Buildings												
DBA-15	Jhoolas												
DBA-16	Improving Tandi Throat Road												
DBA-17	Air Strips in Spiti Valley												
DBA-18	Establishment Charges												

IRRIGATION

DBA-19	Repair, construction and investigation of Kuhls	1600	800	...	...	...	...	...	...	800	1600
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AGRICULTURE

DBA-20	Establishment of five-acre seed-cum-demonstration farm in Lahaul and one in Spiti including buildings for store and beldar huts	75	13	25	...	...	...	...	...	37	75
DBA-21	Establishment of an agricultural research farm at Shainsha	100	75	10	...	...	...	...	...	15	100
DBA-22	Development of fruit industry in Lahaul and Spiti	87	68	..	...	...	2	...	...	17	87
DBA-23	Training of local residents	31	..	...	...	...	...	...	31	...	31
DBA-24	Provision of plant protection units	37	32	...	...	...	...	...	...	5	37
DBA-25	Subsidy on supply of improved seeds	2	...	...	...	...	...	...	2	...	2

HEALTH (MEDICAL)

DBA-26	Opening of four medical dispensaries	440	382	...	...	...	7	...	...	51	440
DBA-27	Training of two doctors and two dispensers	20	...	...	...	...	...	...	20	...	20
DBA-28	Training of Lady Health Visitors, Sanitary Inspectors and Auxiliary Nurse Midwives	12	..	...	...	...	...	...	12	...	12



**SUB-HEAD No. 24—DEVELOPMENT OF BORDER AREAS (LAHAUL AND SPITI)—CONTD**

**DETAILED STATEMENT II—CONCLD**

**BREAK-UP OF FINANCIAL OUTLAY—*concl'd***

(Thousand Rs)

No. of Scheme	Name of Scheme	BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS								
		Financial provision	Staff	Material and building	Land	Equipment and machinery	Loan	Subsidy and grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
DBA-29	Upgrading of Civil dispensaries	78	67	...	...	11	...	...	...	78
DBA-30	Construction of building for dispensary at Gondla	168	...	168	...	...	...	...	...	168
<b>INDUSTRIES</b>										
DBA-31	Establishment of Namda Felting and Carpet Weaving Training Centre for Spiti area	183	95	...	...	...	...	...	88	183
DBA-32	Building for Training Centre for Namda Felting, Chainstitch, Embroidery Weaving Demonstration Party	140	...	137	3	...	...	...	...	140
DBA-33	Extension of Government Wool spinning weaving demonstration party	115	...	...	...	...	...	...	115	115
DBA-34	Provision of stipends to Lahaul and Spiti students in State institutions such as wood-work, textiles, tanning, etc.	37	...	...	...	...	...	...	37	37
<b>ELECTRICITY</b>										
DBA-35	Electrification of Lahaul and Spiti	1394	125	472	25	772	...	...	...	1394
<b>CO-OPERATION</b>										
DBA-36	Assistance to Co-operative Consumers stores	95	...	...	...	...	50	45	...	95
DBA-37	Strengthening of Kuth Growers Co-operative Marketing Society	130	..	..	..	..	75	55	..	130
DBA-38	Establishment Charges	120	120	..	..	..	..	..	..	120
<b>FORESTS</b>										
DBA-39	Development of forest works in Lahaul	475	230	31	..	12	..	7	195	475
DBA-40	Development of forest works in Spiti	165	95	25	..	1	..	5	39	165
DBA-41	Soil conservation works and grass land improvements in Lahaul	40	..	..	..	..	..	..	40	40

DBA-42	Soil conservation works and grass land improvements in Spiti	20	..	..	..	..	..	..	20	20
VETERINARY										
DBA-43	Supply of yaks and rams	50	..	..	..	..	..	50	..	50
DBA-44	Distribution of birds at concessional rates amongst the breeders	30	..	..	..	..	..	30	..	30
DBA-45	Opening of two veterinary dispensaries at suitable places in Lahaul and Spiti	94	57	..	..	..	..	..	37	94
DBA-46	Construction of Government buildings for Veterinary Hospital at Keylong	160	..	160	..	..	..	..	..	160
DBA-47	Grant of stipends to the students for admission to the Punjab Collage of Veterinary Science and A. H., Hissar	14	..	..	..	..	..	14	..	14
P.W.D., PUBLIC HEALTH										
DBA-48	Provision of drinking water-supply	1150	17	920	12	60	..	..	141	1150
EDUCATION										
DBA-49	Opening of primary schools	100	81	..	..	19	..	..	..	100
DBA-50	Supply of free books	17	..	..	..	17	..	..	..	17
DBA-51	Supply of mid-day meals	160	..	..	..	160	..	..	..	160
DBA-52	Reorientation of primary schools into basic type	4	..	..	..	4	..	..	..	4
DBA-53	Upgrading of five primary schools into middle schools	150	145	..	..	5	..	..	..	150
DBA-54	Stipends	728	..	..	..	..	..	..	728	728
DBA-55	Provision for teaching Bhoti in ten Spiti schools	90	90	..	..	..	..	..	..	90
DBA-56	Free education to 100 students at Government High School at Manali	250	..	..	..	..	..	..	250	250
DBA-57	Construction of buildings	314	..	314	..	..	..	..	..	314
PUBLIC RELATIONS										
DBA-58	Publicity	50	22	..	..	7	..	..	21	50
DBA-59	Construction of serai at Lote in Patten Valley	75	..	74	1	..	..	..	..	75
Total New Schemes		11400(a)	3614	3559	41	1114	125	271	2636	11400
Grand Total (Spill-over and New Schemes)		*13400(b)	4514	4699	41	1114	125	271	2636	13400

\*The difference of Rs 200 thousands between a and b will be met out of the savings under other sub-heads of developments.

**SUB-HEAD No. 24—DEVELOPMENT OF BORDER AREAS (LAHAUL AND SPITI)—CONTD**

**DETAILED STATEMENT III**

(EMPLOYMENT POTENTIAL)

Direct employment to be provided in Man-years

No. of Scheme	Name of Scheme	Adminis- trative and Clerical	TECHNICAL			Skilled work- ers not in- cluded in columns 4 and 5	Others including Class IV employees	Total
			Degree level	Diploma certificate level				
1	2	3	4	5	6	7	8	
<b>STATE SCHEMES (SPILL-OVER)</b>								
<b>P.W.D., BUILDINGS AND ROADS</b>								
DBA-1	Zing Zing Bar Road including Bridge over Darchu Nallah	}						
DBA-2	Manali Rohtang Pass Road							
DBA-3	Rohtang Pass Koksar Road (Section Gramphoo to Koksar)							
DBA-4	Inter-village paths							
DBA-5	Bridge over Chandra at Koksar							
DBA-6	Bridge over Jobrang and Nalda		13	3	13	168	1083	1280
DBA-7	Ropeway bridgeover river Bhaga at Teeno and Jhoola crossing at Sissu							
DBA-8	Improving Hampta Pass Chhatru Road							
DBA-9	Buildings							
DBA-10	Construction of a bridle road between Kunzam Pass and Dhankar Road and provision of Jhoolas in Spiti Valley							
DBA-11	Establishment							
	<b>Total (Spill-over Schemes)</b>	..	13	3	13	168	1083	1280

**STATE SCHEMES (NEW) P.W.D.,  
BUILDINGS AND ROADS**

DBA-12	Koksar Zing Zing Bar Road—Making Koksar Keylong Section Truckable	}						
DBA-13	Tools and plants							
DBA-14	Buildings							
DBA-15	Jhoolas		15	3	14	200	1290	1522
DBA-16	Improving Tandi-Thro at Road							
DBA-17	Air Strips in Spiti Valley							
DBA-18	Establishment Charges							
<b>IRRIGATION</b>								
DBA-19	Repairs, construction and investigation of Kuhls	40	6	50	72	121	289	
<b>AGRICULTURE</b>								
DBA-20	Establishment of five-acre seed-cum-demonstration farm in Lahaul and one in Spiti including buildings for store and beldar huts	..	..	..	..	10	10	
DBA-21	Establishment of an agricultural research farm at Shainsha	10	..	..	..	25	35	
DBA-22	Development of fruit industry in Lahaul and Spiti	..	..	10	..	30	40	
DBA-23	Provision of plant protection units	..	..	10	..	10	20	
<b>HEALTH (MEDICAL)</b>								
DBA-26	Opening of four medical dispensaries	..	19	57	..	57	133	
DBA-29	Upgrading of civil dispensaries	..	6	6	..	..	12	
<b>INDUSTRIES</b>								
DBA-31	Establishment of Namda Felting and Carpet Weaving Training Centre for Spiti area	5	..	10	..	10	25	

No. of Scheme	Name of Scheme	Adminis- trative and Clerical	TECHNICAL			Others in- cluding Class IV employees	Total
			Degree level	Diploma certificate level	Skilled workers not included in columns 4 and 5		
1	2	3	4	5	6	7	8
<b>STATE SCHEMES (NEW)</b>							
<b>ELECTRICITY</b>							
DBA-35	Electrification of Lahaul and Spiti	3	1	5	7	2	18
<b>CO-OPERATION</b>							
DBA-36	Assistance to Co-operative Consumers Stores	30	..	..	..	..	30
DBA-37	Strengthening of Kuth Growers Co-operative Market- ing Society	10	..	..	..	..	10
DBA-38	Establishment Charges	30	..	..	..	5	35
<b>FORESTS</b>							
DBA-39	Development of forest works in Lahaul	15	5	15	30	205	270
DBA-40	Development of forest works in Spiti	..	..	10	20	45	75
DBA-41	Soil conservation works and grass land improvements in Lahaul	..	..	..	..	40	40
DBA-42	Soil Conservation works and grass land in improvements in Spiti	..	..	..	..	20	20
<b>VETERINARY</b>							
DBA-45	Opening of two veterinary dispensaries at suitable places	..	..	10	..	20	30

P. W. D., PUBLIC HEALTH

DBA-48	Provision of drinking water-supply	61	11	46	400	1,600	2,118
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EDUCATION

DBA-49	Opening of primary schools	..	..	15	..	15	30
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DBA-53	Upgrading of five primary schools into middle schools	..	5	20	..	10	35
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DBA-55	Provision for teaching Bhoti in ten Spiti Schools	..	..	..	16	..	16
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DBA-56	Free education to 100 students at Government High School at Manali	..	..	..	..	3	3
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PUBLIC RELATIONS

DBA-58	Publicity	..	..	5	..	5	10
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Total New Scheme		219	56	283	745	3523	4826
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Grand Total (Spill-over and New Schemes)		232	59	296	913	4606	6106
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Notes :— (1) Man-year means one person employed for one year

(2) If a person is likely to continue in employment for five years, five-man years have been counted

## SUB-HEAD NO 24.—DEVELOPMENT OF BORDER AREAS (LAHAUL AND SPITI)—CONTD

## DETAILED STATEMENT IV

## (PHYSICAL TARGETS)

No of Scheme	Name of Scheme/Item	Unit	Position at the end of Second Plan on 31st March, 1961	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of Third Plan (on 31st March, 1966)
1	2	3	4	5	6
<b>P. W. D. BUILDINGS AND ROADS</b>					
DBA-12	Koksar-Zing Zing Bar Road Making Koksar-Keylong section truckable	Miles No.	11.79	17.21	29.00
DBA-14	Buildings	No.	14	16	30
DBA-15	Jhoolas	No.	3	27	30
DBA-16	Improving Tandi-Throat Road	Miles No.	28.00	13.00	41
DBA-17	Air Strips in Spiti Valley	No.	..	1	1
<b>IRRIGATION</b>					
DBA-19	Repair construction and investigation of Kuhls	Acres	550	1,000	1,550
<b>AGRICULTURE</b>					
DBA-20	Establishment of five acres seed-cum-demonstration farms in Lahaul and one in Spiti including buildings for store and beldar huts (M. Tons)	No.	..	17	17
DBA-23	Provision of plant protection units	(i) Cropped area sprayed (Hectares)	160	450	610
		(ii) Fruit Plant Area Sprayed (Hectares)	37,145	18,000	55,145
		(iii) Area derated (Hectares)	2,400	3,500	5,900
DBA-24	Training of local residents ..	No.	4	9	13
DBA-25	Subsidy on supply of improved seeds	No. (Maunds)	423 a	250b	673

(a—without subsidy. b—on subsidised basis)

No of Scheme	Name of Scheme/ Item	Unit	Position at the end of Second Plan on 31st March, 1961	Additional targets planned to be achieved during the Third Plan (April 1961 to March, 1966)	Likely position at the end of Third Plan (on 31st March, 1966)
1	2	3	4	5	6
<b>HEALTH (MEDICAL)</b>					
DBA-26	Opening of four medical dispensaries	No.	3	4	7
DBA-27	Training of two <sup>½</sup> doctors and two dispensers	No.	2	4	6
DBA-28	Training of Lady Health visitors as Sanitary Inspectors and Auxiliary Nurse Midwives	No.	2	11	13
DBA-29	Upgrading of Civil dispensaries	No.	Nil	3	3
DBA-30	Construction of buildings for dispensary at village Gondla	No.	..	1	1
<b>INDUSTRIES</b>					
DBA-31	Establishment of namda Felting and Carpet Weaving Training Centres for Spiti area	No.	..	50	50
DBA-32	Building for training centre for namda Felting chain-stitch, Embroidery-Weaving demonstration Party	No.	..	1	1
DBA-33	Extension of Government Wool Spinning Weaving Demonstration party	No.	175	225	400
DBA-34	Provision of stipends to Lahaul and Spiti students in State institutions such as wood work, textiles, Training, etc.	No.	9	87	96
<b>ELECTRICITY</b>					
DBA-35	Electrification of Lahaul and Spiti—				
	(i) Power Houses (to be set-up)	No.	..	3	3
	(ii) Villages (to be electrified)		..	12	12
<b>CO-OPERATION</b>					
DBA-36	Assistance to Co-operative Consumers Stores	No.	..	5	5
DBA-37	Strengthening of Kuth Growers Co-operative Marketing Society	No.	1	..	1
DBA-38	Establishment Charges	..	..	(No physical target can be fixed.)	



No of Scheme	Name of Scheme/ Item	Unit	Position at the end of Second Plan on 31st March, 1961	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of Third Plan on 31st March, 1966
1	2	3	4	5	6
<b>FORESTS</b>					
DBA-39	Development of forest works in Lahaul	1. Afforestation Acres	433	280	713
DBA-40	Development of forest works in Spiti	2. Supply of cutting No.	..	6,000	6,000
		3. Medicinal Plants Acres	..	10	10
		4. Prizes for Planting No. Rs	..	180 11,500	180 11,500
DBA-41	Soil conservation works and grass land improvements in Lahaul	Soil Conservation Acres	..	300	300
		Grass-land improvement	..	60	60
DBA-42	Soil conservation works and grass land improvements in Spiti				
<b>VETERINARY</b>					
DBA-43	Supply of yaks and rams	No.	..	225	225
DBA-44	Distribution of birds at concessional rates amongst the breeders	1. Poultry Birds No.	607	3,000	3,607
		2. Cages etc. No.	..	250	250
		3. Feed Mds	..	1,000	1,000
DBA-45	Opening of two veterinary dispensaries at suitable places	1. Hospitals No.	1	..	1
		2. Dispensaries No.	2	2	4
DBA-46	Construction of Government buildings for Veterinary hospital at Keylong	No.	..	1	1
DBA-47	Grant of stipends to the students for admission to the Punjab College Veterinary Science and A.H. Hissar	No.	..	8	8
<b>P.W.D., PUBLIC HEALTH</b>					
DBA-48	Provision of drinking water-supply (villages)	No.	14	50	64
<b>EDUCATION</b>					
DBA-49	Opening of primary schools	No.	43	15	58
DBA-52	Reorientation of primary schools into basic type	Nos.	40	12	52
DBA-53	Upgrading of primary schools into middle schools	No.	5	8	13

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**25—WELFARE OF SCHEDULED CASTES, BACKWARD  
CLASSES AND VIMUKAT JATIS.**

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**SUB-HEAD No. 25—WELFARE OF SCHEDULED CASTES, BACKWARD CLASSES AND VIMUKT JATIS**

**DETAILED STATEMENT—I**

(FINANCIAL OUTLAY)

Third Plan provision (Net)†	1. Total	..	22200	
	2. Capital	..	..	
	3. Revenue	..	22200	(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in column No. 3	Public contribution	Income if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in the case of Centrally-Sponsored Schemes	Total cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
<b>I—WELFARE OF SCHEDULED CASTES</b>										
*WSC-1	Provision of wheel barrows/hand-carts for scavengers	..	..	..	..	..	..	..	1610	1610
*WSC-2	Subsidy for the construction of new houses for sweepers	..	..	..	..	..	..	..	692	692
*WSC-3	Subsidy for house sites/houses for those engaged in unclean occupation:—									
	(i) house-sites	..	..	..	..	..	..	..	82	82
	(ii) houses	..	..	..	..	..	..	..	611	611
<b>II—WELFARE OF VIMUKT JATIS</b>										
*WSC-4	Award of scholarships	..	..	..	..	..	..	..	300	300
*WSC-5	Subsidy for the purchase of agricultural land	..	..	..	..	..	..	..	548	548

\*Centrally-Sponsored Schemes.

**SUB-HEAD No. 25—WELFARE OF SCHEDULED CASTES, BACKWARD CLASSES AND VIMUKT JATIS—CONTD**

**DETAILED STATEMENT—I**

(FINANCIAL OUTLAY)

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in column No. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in the case of Centrally-Sponsored Schemes	Total cols. (3+6+9+10)	
		Total	Capital				Included in the net provision	Not included in the net provision			
1	2	3	4	5	6	7	8	9	10	11	
	<b>II—WELFARE OF VIMUKT JATIS—concl'd</b>										
*WSC-6	Subsidy for the construction of new houses	..	..	..	..	..	..	..	279	279	
*WSC-7	Subsidy for houses/wells under the land purchase scheme	..	..	..	..	..	..	..	137	137	
*WSC-8	Industrial training in mills/factories or institutions	..	..	..	..	..	..	..	42	42	
*WSC-9	Industrial training in centres	..	..	..	..	..	..	..	98	98	
*WSC-10	Midwifery training	..	..	..	..	..	..	..	10	10	
	<b>Total for Centrally-Sponsored Schemes</b>	..	..	..	..	..	..	..	<b>4409</b>	<b>4409</b>	

I—WELFARE OF SCHEDULED CASTES

WSC-11	Award of scholarships and reimbursement of fees to students ..	11690	..	..	..	..	..	..	..	11690
WSC-12	Subsidy for the purchase of agricultural land ..	3792	..	..	..	..	..	..	..	3792
WSC-13	Industrial training in mills/factories or institutions ..	400	..	..	..	..	..	..	..	400
WSC-14	Industrial training in centres ..	541	..	..	..	..	..	..	..	541
WSC-15	Subsidy for houses/house-sites for Scheduled Castes other than those engaged on unclean occupation—									
	(i) Houses ..	350	..	..	..	..	..	..	..	350
	(ii) House-sites ..	75	..	..	..	..	..	..	..	75
WSC-16	Subsidy for houses/wells under the land purchase scheme ..	583	..	..	..	..	..	..	..	583
WSC-17	Drinking water wells ..	500	..	..	..	..	..	..	..	500
WSC-18	Community Centres ..	500	..	..	..	..	..	..	..	500
WSC-19	Legal assistance ..	100	..	..	..	..	..	..	..	100
WSC-20	Midwifery training ..	59	..	..	..	..	..	..	..	59
	II—WELFARE OF OTHER BACKWARD CLASSES									
WSC-21	Award of scholarships and reimbursement of fees to students ..	3400	..	..	..	..	..	..	..	3400

\*Centrally Sponsored Schemes.

**SUB-HEAD No. 25—WELFARE OF SCHEDULED CASTES, BACKWARD CLASSES AND VIMUKT JATIS—CONTD**

**DETAILED STATEMENT—1—CONTD**

(FINANCIAL OUTLAY)

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in column No. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in the case of Centrally-Sponsored Schemes	Total cost columns (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
WSC-22	Industrial training in mills/factories or institutions	..	20	..	..	..	..	..	..	20
WSC-23	Industrial training in centres	..	26	..	..	..	..	..	..	26
WSC-24	Midwifery training	..	4	..	..	..	..	..	..	4
<b>III—WELFARE OF VIMUKT JATIS</b>										
WSC-25	Award of scholarships	..	160	..	..	..	..	..	..	160
	<b>Total for State Schemes</b>	..	<b>22200</b>	..	..	..	..	..	..	<b>22200</b>

†Includes only the State share in the case of Centrally-Sponsored Schemes.

**SUB-HEAD No. 25 --WELFARE OF SCHEDULED CASTES, BACKWARD CLASSES AND VIMUKT JATIS-- CONTD.**

**DETAILED STATEMENT—II**

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rs)

No. of Scheme	Name of Scheme	BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS							Others	Total	
		Financial provision	Staff	Material and building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid			
1	2	3	4	5	6	7	8	9	10	11	
*WSC-1	I—WELFARE OF SCHEDULED CASTES Provision of wheel barrows/hand-carts for scavengers	All the schemes bearing Nos. WSC-1 to WSC-10 are Centrally-Sponsored Schemes at a total outlay of Rs 44.09 lakhs which will be disbursed to the beneficiaries in the form of subsidy							1610	..	1610
*WSC-2	Subsidy for the construction of new houses for sweepers							692	..	692	
*WSC-3	Subsidy for house-sites/houses for those engaged on unclean occupation—										
	(i) house-sites							82	..	82	
	(ii) houses							611	..	611	
	II—WELFARE OF VIMUKT JATIS										
*WSC-4	Award of scholarships							300	..	300	
*WSC-5	Subsidy for the purchase of agricultural land							548	..	548	
*WSC-6	Subsidy for the construction of new houses							279	..	279	
*WSC-7	Subsidy for houses/wells under the land purchase scheme							137	..	137	
*WSC-8	Industrial training in mills/factories or institutions							42	..	42	

\* Centrally-Sponsored Schemes

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**SUB-HEAD No. 25—WELFARE OF SCHEDULED CASTES, BACKWARD CLASSES AND VIMUKT JATIS—CONCLD**

**DETAILED STATEMENT—II—CONCLD**

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rs)

BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS  
COST COMPONENTS

No. of Scheme	Name of Scheme	Financial provision	Staff	Material and building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
*WSC-9	Industrial training in centres	..	..	..	..	..	..	98	..	98
*WSC-10	Midwifery training	..	..	..	..	..	..	10	..	10
	Total for Centrally-Sponsored Schemes..							4409	..	4409
<b>I—WELFARE OF SCHEDULED CASTES</b>										
WSC-11	Award of scholarships and reimbursement of fees to students	11690	..	..	..	..	..	11690	..	11690
WSC-12	Subsidy for the purchase of agricultural land	3792	..	..	..	..	..	3792	..	3792
WSC-13	Industrial training in mills/factories or institutions	400	..	..	..	..	..	400	..	400
WSC-14	Industrial training in centres	541	..	..	..	..	..	541	..	541
WSC-15	Subsidy for houses/house-sites for Scheduled Castes other than those engaged on unclean occupation—									
	(i) houses	350	..	..	..	..	..	350	..	350
	(ii) house-sites	75	..	..	..	..	..	75	..	75

WSC-16	Subsidy for houses/lis well under the land purchase scheme	583	..	..	..	..	..	583	..	583
WSC-17	Drinking water-wells	500	..	..	..	..	..	500	..	500
WSC-18	Community centres	500	384	58	..	58	..	..	..	500
WSC-19	Legal assistance	100	..	..	..	..	..	100	..	100
WSC-20	Midwifery training	59	..	..	..	..	..	59	..	59
II—WELFARE OF OTHER BACKWARD CLASSES										
WSC-21	Award of scholarships and reimbursement of fees to students	3400	..	..	..	..	..	3400	..	3400
WSC-22	Industrial training in mills/factories or institutions	20	..	..	..	..	..	20	..	20
WSC-23	Industrial training in centres	26	..	..	..	..	..	26	..	26
WSC-24	Midwifery training	4	..	..	..	..	..	4	..	4
III—WELFARE OF VIMUKT JATIS										
WSC-25	Award of scholarships	160	..	..	..	..	..	160	..	160
	Total for State Schemes	22200	384	58	..	58	..	21700	..	22200

\*Centrally-Sponsored Schemes

**SUB-HEAD No. 25—WELFARE OF SCHEDULED CASTES, BACKWARD CLASSES AND  
VIMUKT JATIS**

**DETAILED STATEMENT—III**

(EMPLOYMENT POTENTIAL)

Direct employment to be provided in Man-years

No. of Scheme	Name of the Scheme	Administra- tion and clerical	TECHNICAL		Skilled workers not included under Columns 4 and 5	Others including Class IV employees	Total
			Degree level	Diploma or certificate level			
1	2	3	4	5	6	7	8
WSC-14	Industrial training in centres ..	15	..	..	..	..	15
WSC-18	Community centres ..	232	..	..	..	116	348
	<b>Total</b>	.. 247	..	..	..	116	363

*Notes.*—(1) Man-year means one person employed for one year.

(2) If a person is likely to continue in employment for five years, five man-years have been counted.

**SUB-HEAD No. 25—WELFARE OF SCHEDULED CASTES, BACKWARD CLASSES AND  
VIMUKT JATIS**

**DETAILED STATEMENT—IV**

(PHYSICAL TARGETS)

No. of Scheme	Name of the Scheme/Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets Planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)	
1	2	3	4	5	6	
<b>I—WELFARE OF SCHEDULED CASTES</b>						
*WSC-1	Provision of wheel barrows/hand-carts for scavengers	Wheel barrows/hand-carts	Number	..	8050	8050
*WSC-2	Subsidy for the construction of new houses for sweepers	Houses	Do	..	922	922
*WSC-3	Subsidy for house-sites/houses for those engaged in unclean occupation—					
	(i) house-sites	Persons	Do	..	411	411
	(ii) houses	Persons	Do	..	815	815
<b>II—WELFARE OF VIMUKT JATIS</b>						
*WSC-4	Award of scholarships	Students	Do	..	3600	3600
*WSC-5	Subsidy for the purchase of agricultural land	Families	Do	200	274	474
*WSC-6	Subsidy for the construction of new houses	Persons	Do	912	372	1284
*WSC-7	Subsidy for houses/wells under the land purchase scheme	Families	Do	200	274	474
*WSC-8	Industrial training in mills/factories or institutions	Trainees	Do	79	77	156
*WSC-9	Industrial training in centres	Do	Do	..	143	143
*WSC-10	Midwifery training	Dais	Do	..	30	30
<b>I—WELFARE OF SCHEDULED CASTES</b>						
WSC-11	Award of scholarships and reimbursement of fees to students	Students	Do	308285	220600	528885
WSC-12	Subsidy for the purchase of agricultural land	Families	Do	1905	1896	3801
WSC-13	Industrial training in mills/factories or institutions	Trainees	Do	447	1334	1781

\*Centrally-Sponsored Schemes

**SUB-HEAD No. 25—WELFARE OF SCHEDULED CASTES, BACKWARD CLASSES AND  
VIMUKT JATIS—CONTD**

**DETAILED STATEMENT—IV  
(PHYSICAL TARGETS)—CONTD**

No. of Scheme	Name of the Scheme/Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets Planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third plan (on 31st March, 1966)	
1	2	3	4	5	6	
WSC-14	Industrial training in centres ..	Trainees	Number	867	475	1342
WSC-15	Subsidy for houses/house-sites for Scheduled Castes other than those engaged on unclean occupation—					
	(i) houses ..	Persons	Do	2488	466	2954
	(ii) house-sites ..	Persons	Do	675	375	1050
WSC-16	Subsidy for houses/wells under the land purchase scheme	Families	Do	1905	1896	3801
WSC-17	Drinking-water wells ..	Wells	Do	2342	530	2872
WSC-18	Community Centres ..	Community Centres	Do	70	29	99
WSC-20	Midwifery training ..	Dais	Number	250	195	445
	<b>II—WELFARE OF OTHER BACKWARD CLASSES</b>					
WSC-21	Award of scholarships and reimbursement of fees to students	Students	Do	Included in Scheme No. WSC-11	Included in Scheme No. WSC-11	
WSC-22	Industrial training in mills/factories or institutions	Trainees	Do	Included in Scheme No. WSC-13	65	65
WSC-23	Industrial training in centres ..	Do	Do	Included in Scheme No. WSC-14	99	99
WSC-24	Midwifery training ..	Dais	Do	Included in Scheme No. WSC-15	25	25
	<b>III—WELFARE OF VIMUKT JATIS</b>					
WSC-25	Award of scholarships ..	Students	Do	4560	1600	6160

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## 26. SOCIAL WELFARE

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**SUB-HEAD NO. 26—SOCIAL WELFARE'**  
**DETAILED STATEMENT—I**  
**(FINANCIAL OUTLAY)**

Third Plan Provision . . .	Total	..	7430
(net)†	2. Capital	..	260
	3. Revenue	..	7170

(Thousand Rs.)

No. of Scheme	Name of Scheme	CANE NET†		Foreign exchange involved in Col. 3	Public contribution	Income, if any	SHARE OF THE TEACH-NICAL COMMITTEE BOARD		Centre's share in case of Centrally-sponsored Schemes	Total Columns (3+6+9+10)
		Total	Capital				Included in the net Provision	Not include in the net Provision		
1	2	3	4	5	6	7	8	9	10	11
<b>I—CHILD WELFARE</b>										
SW-1	Holiday Homes	..	500	..	..	..	..	..	..	500
SW-2	Bal Bhavan	..	300	..	..	..	..	..	..	300
SW-3	Foster Care Service	..	100	..	..	..	..	..	..	100
SW-4	Children's Clubs	..	250	..	..	..	..	..	..	250
SW-5	Nursery for children of women Prisoners	..	33	..	..	..	..	..	..	33
SW-6	Other Scheme of Implementation of Children Act.	..	325	..	..	..	..	..	..	325
	<b>Total</b>	..	<b>1,508</b>	..	..	..	..	..	..	<b>1,508</b>
<b>II—SOCIAL DEFENCE</b>										
SW-7	Detention, Training of Juvenile Delinquents (Certified School)	..	175	..	..	..	..	..	175	350
SW-8	Protective Homes	..	125	10	..	..	..	..	125	250
SW-9	Probation Service for Adult Offenders	..	250	..	..	..	..	..	250	500
SW-10	Eradication of Beggary	..	150	..	..	..	..	..	150	300
SW-11	Welfare Services in Prisons	..	50	..	..	..	..	..	50	100
	<b>Total</b>	..	<b>70</b>	<b>10</b>	..	..	..	..	<b>750</b>	<b>1,500</b>



**SUB-HEAD: 26--SOCIAL WELFARE**

**DETAILED STATEMENT—I  
FINANCIAL OUTLAY**

Third Plan Provision ..	Total ..	7430
(net)†	2. Capital ..	260
	3. Revenue ..	7170

(Thousand Rs.)

No. of Scheme	Name of Scheme	CANE NET†		Foreign exchange involved in Col. 3	Public contribution	Income if any	SHARE OF THE TEACH-NICAL CGMMITTEE BOARD		Centre's share in case of Centrally-sponsored Schemes	Total in Columns (3+6+9+10)
		Total	Capital				Included in the net Provision	Not include in the net Provisions		
1	2	3	4	5	6	7	8	9	10	11
<b>III—SOCIAL, MORAL, HYGIENE AND AFTER-CARE PROGRAMME</b>										
SW-12	After-Care Programme ..	300	50	..	..	..	..	..	300	600
<b>IV—STATE WELFARE BOARD SCHEMES</b>										
SW-13	Welfare Extension Projects ..	1,338	..	..	..	..	..	..	*	1,338
<b>V—ADMINISTRATION TRAINING AND RESEARCH</b>										
SW-14	Administrative and Supervisory Staff ..	250	..	..	..	..	..	..	..	250
SW-15	Training Programmes ..	200	..	..	..	..	..	..	..	200
SW-16	Research-cum-Information Centre ..	200	..	..	..	..	..	..	..	200
	<b>Total</b> ..	<b>650</b>	<b>50</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>300</b>	<b>650</b>
SW-17	VI--Grant-in-aid ..	1,200	..	..	..	..	..	..	..	1,200
<b>VII—WELFARE OF AGED AND INFIRM</b>										

SW-18	Home for Old and Infirm	..	400	..	..	..	..	..	..	..	400
VIII—WELFARE OF PHYSICALLY HANDICAPPED											
SW-19	1. Blind Welfare	..	634	200	..	..	..	..	..	..	634
SW-20	2. Deaf and Dumb School	..	350	..	..	..	..	..	..	..	350
SW-21	3. Welfare of the Orthopaedically handicapped	..	300	..	..	..	..	..	..	..	300
Total		..	1,284	200	..	..	..	..	..	..	1,284
Grand Total		..	7,430	260	..	..	..	..	..	1,050	8,480

†Includes only the State share in case of Centrally, sponsored Schemes.

\*Central share is directly received by the State Social Welfare Advisory Board.

**SUB-HEAD No. 26—'SOCIAL WELFARE'**

**DETAILED STATEMENT—II**  
(BREAK UP OF FINANCIAL OUTLAY)

(Thousand Rs.)

No. of Scheme	Name of Scheme	BREAKUP OF FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS									Total
		Financial provision	Staff	Material and Building	Land	Equip-ment and Machi-nery	Loan	Subsidy or grant-in-aid	Others		
1	2	3	4	5	6	7	8	9	10	11	
SW-1	Holiday Homes	500	..	..	..	..	..	500	..	500	
SW-2	Bal Bhawan	300	..	..	..	..	..	300	..	300	
SW-3	Foster Care Service	100	15	..	..	..	..	85	..	100	
SW-4	Children's Clubs	250	175	..	..	..	..	..	75	250	
SW-5	Nursery for children of women prisoners	33	22	11	..	..	..	..	..	33	
SW-6	Other Scheme of Implementation of Children Act	325	110	..	..	..	..	..	215	325	
SW-7	Detention, Training of Juvenile Delinquents (Certified Schools)	175	95	..	..	..	..	13	67	175	
SW-8	Protective Homes	125	40	10	..	25	..	..	50	125	
SW-9	Probation Services for Adult Offenders	250	250	..	..	..	..	..	..	250	
SW-10	Eradication of Beggary	150	50	..	..	10	..	..	90	150	
SW-11	Welfare Services in Prisons	50	50	..	..	..	..	..	..	50	
SW-12	After-Care Programme	300	60	1,50	..	..	..	..	90	300	
SW-13	Welfare Extension Projects	1338	..	..	..	..	..	1338	..	1338	
SW-14	Administrative and Supervisory Staff	250	250	..	..	..	..	..	..	250	
SW-15	Training Programmes	200	60	..	..	..	..	..	140	200	
SW-16	Research-cum-Information Centre	200	85	..	..	..	..	..	115	200	

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SW-17	Grant-in-aid	..	1200	..	..	..	..	..	1200	..	1200
SW-18	Homes for Old and Infirm	..	400	120	..	..	60	..	..	220	400
SW-19	Blind Welfare	..	634	120	2,00	1,00	..	..	..	214	634
SW-20	Deaf and Dumb School	..	350	..	..	..	..	..	350	..	350
SW-21	Welfare of the Orthopaedically Handicapped	..	300	..	..	..	..	..	300	..	300
Total		..	7430	1502	371	100	95	..	4086	1276	7430

## SUB-HEAD NO. 26—SOCIAL WELFARE

DETAILED STATEMENT—III  
(EMPLOYMENT POTENTIAL)

No. of Scheme	Name of Scheme	Admn. and Clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including Class IV employ-ees	Total
			Degree level	Diploma or Certificate level			
1	2	3	4	5	6	7	8
SW-3	Foster Care Service	.. ..	5	..	..	..	5
SW-4	Children's Clubs	.. 20	..	20	..	20	60
SW-5	Nursery for children of Women Prisoners	.. ..	..	..	5	10	15
SW-6	Other Schemes of Implementation of Children Act	.. 45	..	..	..	15	60
SW-7	Detention, Training of Juvenile Delinquents (Certified Schools)	25	..	25	25	90	165
SW-8	Protective Homes	.. 10	..	15	..	20	45
SW-9	Probation Services for Adult Offenders	.. 130	..	..	..	55	185
SW-10	Eradication of Beggary	.. 9	6	9	6	21	51
SW-11	Welfare Services in Prisons	.. 40	..	..	..	..	40
SW-12	After Care Programme	.. 20	..	15	5	30	70
SW-14	Administrative and Supervisory Staff	.. 50	..	..	..	19	69
SW-15	Training Programme	.. 16	..	..	..	8	24
SW-16	Research-cum-Information Centre	.. 4	..	5	5	..	14
SW-18	Homes for Old and Infirm	.. 15	..	10	..	30	55
SW-19	Blind Welfare	.. 20	..	20	..	30	70
Total		404	11	119	46	348	928

Notes—(1) Man-year means one person employed for one year.

(2) If a person is likely to continue in employment for 5 years, 5 man-years have been counted .

## SUB-HEAD No. 26 : 'SOCIAL WELFARE'

DETAILED STATEMENT—IV  
(PHYSICAL TARGETS)

No. of Scheme	Name of Scheme	Item	Unit	Position at the end of the Second Plan (on 31-3-1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of Third Plan (on 31-3-1966)
1	2		3	4	5	6
SW-2	Bal Bhawan	Inmates	.. Number	175	125	300
SW-3	Foster Care Service	Children	.. Do	..	50	50
SW-7	Detention training of Juvenile delinquents	Certified School	.. Do	..	1	1
SW-9	Probation Service for adult offenders	offenders	.. Do	..	18	18
SW-10	Beggar Home	Home	.. Do	..	1	1
SW-11	Welfare Services in Prisons	Prisons	.. Do	..	8	8
SW-12	After-Care Programme	(I) Homes	.. Do	3	..	3
		(II) District Shelters	.. Do	2	..	2
SW-13	Welfare Extension Projects	Projects	.. Do	10	..	10
SW-18	Homes for Old and Infirm	Inmates	.. Do	..	200	200
SW-19	Blind Welfare	1. Students	.. Do	50	100	150
		2. Centre	.. Do	..	1	1
SW-20	Deaf and Dumb School	Children	.. Do	..	100	100



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**27. PUBLIC CO-OPERATION**

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**SUB-HEAD No. 27—PUBLIC CO-OPERATION**

**DETAILED STATEMENT—I.**

(FINANCIAL OUTLAY)

Third Plan Provision (net)‡	1. Total ..	470
	2. Capital ..	..
	3. Revenue ..	470

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET‡		Foreign Exchange involved in Col. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally Sponsored Schemes	TOTAL COLUMNS (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net		
1	2	3	4	5	6	7	8	9	10	11
PCO-1	Lok Karya Kashetras	..	120	..	..	..	..	..	180	300
PCO-2	Pilot Project for strengthening Labour Co-operatives	..	34	..	..	..	..	..	51	85
PCO-3	Research Training Pilot Projects	..	300	..	..	..	..	..	450	750
PCO-4	Educational and Promotional work on Prohibition	..	16	..	..	..	..	..	24	40
	<b>Total</b>	..	<b>470</b>	..	..	..	..	..	<b>705</b>	<b>1175</b>

‡Includes only the State share in the case of Centrally Sponsored Schemes.

**SUB-HEAD No. 27— PUBLIC CO-OPERATION**

**DETAILED STATEMENT—II  
(BREAK-UP OF FINANCIAL OUTLAY)**

(Thousand Rs)

No. of Scheme	Name of Scheme	Financial Provision	BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COMPONENTS							Total
			Staff	Material and building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	
1	2	3	4	5	6	7	8	9	10	11
PCO-1	Lok Karya Kashetras	.. 120	..	..	..	..	..	120	..	120
PCO-2	Pilot Project for strengthening Labour Co-operatives	.. 34	..	..	..	..	..	34	..	34
PCO-3	Research Training Pilot Projects	.. 300	..	..	..	..	..	300	..	300
PCO-4	Educational and Promotional work on Prohibition	.. 16	..	..	..	..	..	16	..	16
	<b>Total</b>	.. 470	..	..	..	..	..	470	..	470

## SUB-HEAD No. 27—PUBLIC CO-OPERATION

## DETAILED STATEMENT—III

(EMPLOYMENT POTENTIAL)

No. of Scheme	Name of Scheme	Admi- nistrative and Clerical	TECHNICAL		Skilled workers not inclu- ded under columns 4 and 5	Others including Class IV employees	Total	
			Degree level	Diploma or cer- tificate level				
1	2	3	4	5	6	7	8	
PCO-1	Lok Karya Kashetras	}	No direct employment in the public sector.					
PCO-2	Pilot Project for strengthening labour co-operatives							
PCO-3	Research Training Pilot Projects							
PCO-4	Educational and Promotional work on Prohibition							

## SUB-HEAD No. 27.—PUBLIC CO-OPERATION

## DETAILED STATEMENT—IV

## (PHYSICAL TARGETS)

No. of Scheme	Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the third plan (April, 1961 to March, 1966)	Likely position at the end of the third plan (on 31st March, 1966)
1	2	3	4	5	6
PCO-1	Lok Karya Kshetras	.. No.	..	15	15

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**28. CAPITAL PROJECT**

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## SUB-HEAD No. 28--'CAPITAL PROJECT'

## DETAILED STATEMENT—I

(FINANCIAL OUTLAY)

Third plan provision (Net)‡	1. Total	..	50000
	2. Capital	..	50000
	3. Revenue	..	..

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET‡		Foreign exchange involved in Col. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/ BOARD		Centre's share in case of Centrally Sponsored Schemes	TOTAL Cols. (3+6+9+10)
		Total	Capital				Includ- ed in the net provision	Not included in the net provi- sion		
1	2	3	4	5	6	7	8	9	10	11
CP-1	Capital Project, Chandigarh	**50000	50000	1500	..	35000	..	..	..	50000

‡Includes only the State share in the case of Centrally Sponsored Schemes.

\*\*In addition to this a sum of Rs 3.50 crores anticipated to be realised by the sale of plots will also be spent.



## SUB-HEAD No. 28—'CAPITAL PROJECT'

## DETAILED STATEMENT—II

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rs)

BREAK-UP OF FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS										
No. of Scheme	Name of Scheme	Financial provision	Staff	Material and Buildings.	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
CP-1	Capital Project, Chandigarh	85000 (gross)	36256	41207	2825	3265	..	..	1447	85000

## SUB-HEAD No. 28— 'CAPITAL PROJECT'

## DETAILED STATEMENT—III

(EMPLOYMENT POTENTIAL)

Direct employment to be provided in man years

No. of Scheme	Name of Scheme	Adminis- trative and Clerical	TECHNICAL			Skilled workers not included under Col. 4 and 5	Others including class IV employees	Total
			Degree Level	Diploma or certi- ficate level				
1	2	3	4	5	6	7	8	
CP-1	Capital Project, Chandigarh	1440	165	565	5780	20830	28780	

Note.—1. Man year means one person employed for one year.

2. If a person is likely to continue in employment for five years, 5 man years have been counted.

## SUB-HEAD No. 28—'CAPITAL PROJECT'

## DETAILED STATEMENT—IV

(PHYSICAL TARGETS)

No. of Scheme	Item	Unit	Position at the end of the 2nd Plan (on 31st March, 1961)	Additional targets planned to be achieved during the third plan (April, 1961 to March, 1966)	Likely position at the end of Third Plan (on 31st March, 1966)
1	2	3	4	5	6
CP-1	Capital Project, Chandigarh	lakh Rs	Rs 2210.66 lakhs spent and 72 per cent of work completed	28 per cent of the work worth Rs 850 lakhs	Total amount of Rs 3060.00 lakhs will be utilised since the commencement of the Project to the end of the Third Plan.

*Note.*—In addition to the Third Plan target of Rs 850 lacs, a sum of Rs 0.75 lakh is likely to be spent during the Third Plan on Post-Graduate Medical Research Institute from short fall of other departments.

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**29—PRINTING.**

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## SUB-HEAD NO. 29—PRINTING

## DETAILED STATEMENT—I

(FINANCIAL OUTLAY)

	1. Total	.. 4600	
Third Plan Provision (net) ‡	2. Capital	.. 2400	
	3. Revenue	.. 2200	(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET ‡		Foreign exchange involved in column 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/ BOARD		Centre's share in case of Centrally-sponsored schemes	TOTAL Columns (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
PNT-1 ..	Establishment of a separate unit for printing and supply of forms at Patiala	1675	900	350	..	..	..	..	..	1675
PNT-2 ..	Establishment of a Press for the printing of Nationalised Text-Books at Chandigarh	1445	650	350	..	..	..	..	..	1445
PNT-3 ..	Opening of Text-Books Sales Depot	530	300	..	..	3000	..	..	..	530
PNT-4 ..	Training of personnel (Supervisory and Executive)	70	..	..	..	..	..	..	..	70
PNT-5 ..	Training abroad of personnel	..	30	..	..	..	..	..	..	30
PNT-6 ..	Machinery and Equipment for the Government Press, Chandigarh	300	..	225	..	..	..	..	..	300
PNT-7 ..	Construction of building for Stationery Stores and Book Depot, Chandigarh	550	550	..	..	..	..	..	..	550
	Total	.. 4600	2400	925	..	3000	..	..	..	4600

‡Includes only the State share in the case of Centrally-sponsored schemes.

**SUB-HEAD No. 29—PRINTING**  
**DETAILED STATEMENT—II**  
**(BREAK UP OF FINANCIAL OUTLAY)**

(Thousand Rs)

No. of Scheme	Name of Scheme	Financial provision	BREAK UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS							Total
			Staff	Material and building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others	
1	2	3	4	5	6	7	8	9	10	11
PNT-1 ..	Establishment of a separate unit for printing and supply of forms at Patiala	1675	375	**900	..	400	..	..	..	1675
PNT-2 ..	Establishment of a Press for the printing of Nationalised Text Books at Chandigarh	1445	395	**650	..	400	..	..	..	1445
PNT-3 ..	Opening of Text Books Sales Depots	530	230	**300	..	..	..	..	..	530
PNT-4 ..	Training of personnel (Supervisory and Executive)	70	70	..	..	..	..	..	..	70
PNT-5 ..	Training abroad of personnel ..	30	30	..	..	..	..	..	..	30
PNT-6 ..	Machinery and Equipment for Government Press, Chandigarh	300	..	..	..	300	..	..	..	300
NT-7 ..	Construction of building for Stationery Stores and Book Depot at Chandigarh	550	..	**550	..	..	..	..	..	550
Total		..	4600	1100	**2400	..	1100	..	..	4600

\*\*includes land

## SUB-HEAD No. 29—PRINTING

## DETAILED STATEMENT—III

(EMPLOYMENT POTENTIAL)

Direct employment to be provided in Man-Years

No. of Scheme	Name of Scheme	Adminis- trative and clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Others including Class IV employees	Total	
			Degree level	Diploma or Certificate level				
1	2	3	4	5	6	7	8	
PNT-1 ..	Establishment of a separate unit for printing and supply of forms at Patiala	59	..	40	283	44	426	
PNT-2 ..	Establishment of a Press for the printing of Nationalised Text Books at Chandigarh	44	..	26	294	40	404	
PNT-3 ..	Opening of Text Books Sales Depots	56	..	..	28	56	140	
PNT-4 ..	Training of personnel (Supervisory and Executive)	..	..	74	..	..	74	
Total		..	159	..	140	605	140	1044

Note.—1. Man-Year means one person employed for one year.

2. If a person is likely to continue in employment for five years, five-man years have been counted.



## SUB-HEAD No. 29—PRINTING

## DETAILED STATEMENT—IV

(PHYSICAL TARGETS)

No. of Scheme	Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)
1	2	3	4	5	6
PNT-1 ..	(i) Building	.. No.	..	1	1
	(ii) Machinery	.. (000)Rs	..	400	400
PNT-2 ..	(i) Building	.. No.	..	1	1
	(ii) Machinery	.. (000)Rs	..	400	400
PNT-3 ..	Building (Sales Depots)	.. No.	..	3	3
PNT-6 ..	Machines	.. (000)Rs	..	300	300
PNT-7 ..	Building	.. No.	..	1	1

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**30—STATISTICS**

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**SUB-HEAD No. 30—STATISTICS**  
**DETAILED STATEMENT—I—(FINANCIAL OUTLAYS)**

Third Plan provision (net)†  
 1. Total 1900  
 2. Capital ..  
 3. Revenue 1900

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET†		Foreign Exchange involved in Col. 3	Public Contribution	Income, if any	SHARE PROVIDED BY TECHNICAL COMMITTEE/ BOARD		Centres Share in case of Centrally Sponsored Schemes	Total Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
STS-1	Training of Statistical Personnel	..	160	..	..	..	..	..	..	160
STS-2	District Statistical Officer, Simla	..	41	..	..	..	..	..	..	41
STS-3	State Income Estimation	..	76	..	1	..	..	..	..	76
STS-4	Dev. of Public Finance Statistics	..	194	..	2	..	..	..	..	194
STS-5	Sample Census of Population and Demographic Studies	..	211	..	..	..	..	..	..	211
STS-6	Guidance to District Statistical Agencies	..	219	..	1	..	..	..	..	219
STS-7	Farm Management Studies	..	382	..	..	..	..	..	..	382
STS-8	Parity Index	..	89	..	..	..	..	..	..	89
STS-9	Sample Surveys in Collaboration with National Sample Survey and <i>Ad hoc</i> Surveys	..	403	..	..	..	..	..	..	403
STS-10	Printing of Publications of Economic and Statistical Organisation	..	125	..	60	..	..	..	..	125
	Total	..	1900	..	64	..	..	..	..	1900

†Includes only the State share in case of Centrally-sponsored Schemes.

**SUB HEAD No. 30--STATISTICS**

**DETAILED STATEMENT II (BREAK UP OF FINANCIAL OUTLAY)**

No. of Scheme	Name of Scheme	Financial provision	BREAK UP OF THE FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS							
			Staff	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or Grant-in-aid	Others	Total
1	2	3	4	5	6	7	8	9	10	11
STS-1	Training of Statistical Personnel	.. 160	160	..	..	..	..	..	..	160
STS-2	District Statistical Officer, Simla	.. 41	41	..	..	..	..	..	..	41
STS-3	State Income Estimation	.. 76	76	..	..	..	..	..	..	76
STS-4	Dev. of Public Finance Statistics	.. 194	194	..	..	..	..	..	..	194
STS-5	Sample Census of population and Demographic Studies	.. 211	211	..	..	..	..	..	..	211
STS-6	Guidance to District Statistical Agencies	.. 219	219	..	..	..	..	..	..	219
STS-7	Farm Management Studies	.. 382	382	..	..	..	..	..	..	382
STS-8	Parity Index	.. 89	89	..	..	..	..	..	..	89
STS-9	Sample Surveys in Collaboration with National Sample Survey and <i>Ad hoc</i> Survey	.. 403	321	..	..	82	..	..	..	403
STS-10	Printing of publications of Economic/Statistical Org.	.. 125	..	..	..	60	..	..	65	125
	<b>Total</b>	<b>1900</b>	<b>1693</b>	<b>..</b>	<b>..</b>	<b>142</b>	<b>..</b>	<b>..</b>	<b>65</b>	<b>1900</b>

## SUB HEAD No. 30—STATISTICS

## DETAILED STATEMENT III

(EMPLOYMENT POTENTIAL)

No. of Scheme	Name of Scheme	Adminis- tration and Clerical	TECHNICAL		Skilled workers not included under columns 4 and 5	Other including Class IV employees	Total	
			Degree level	Diploma or certifi- cate level				
1	2	3	4	5	6	7	8	
STS-1	Training of Statistical Personnel	5	5	..	..	5	15	
STS-2	District Statistical Officer, Simla	..	5	..	..	5	10	
STS-3	State Income Estimation	..	5	10	10	..	5	30
STS-4	Development of Public Finance Statistics	5	15	20	..	5	45	
STS-5	Sample Census of Population and Demographic Studies	..	10	5	40	..	5	60
STS-6	Guidance to District Statistical Agencies	..	10	10	20	..	5	45
STS-7	Farm Management Studies	..	9	15	99	..	6	129
STS-8	Parity Index	..	..	24	..	..	..	24
STS-9	Sample Surveys in collaboration with National Sample Survey and <i>Ad hoc</i> Surveys	..	As it is not possible to anticipate the number of surveys to be undertaken during the Third Plan period the requisite information cannot be indicated in respect of this scheme.					..
STS-10	Printing of Publications of Economic and Statistical Organisation	..	..	..	..	..	..	..
Total		..	44	89	189	..	36	358

Notes.—(1) Man-year means one person employed for one year

(2) If a person is likely to continue in employment for five years, 5 man-years have been counted.

## SUB-HEAD No. 30—STATISTICS

## DETAILED STATEMENT IV

## PHYSICAL TARGETS

Serial No.	Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (from April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1961)
1	2	2	4	5	6

As all the schemes of this Organisation are staff schemes, physical targets in respect of these schemes cannot be specifically laid down

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**31-PUBLICITY**

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**SUB-HEAD NO. 31—PUBLICITY**

**DETAILED STATEMENT—I**

(FINANCIAL OUTLAY)

Third Plan provision net\* { 1. Total Rs 5000  
2. Capital ..  
3. Revenue Rs 5000

(Thousand Rs)

No. of Scheme	Name of scheme	Cost Net†		Foreign Exchange involved in column 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally sponsored schemes	Total columns (3+6+9+10)
		Total	Capital				Included in the net provision	Net included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
*PUB-1	Community Listening	..	750	..	750	225	..	..	450	1950
PUB-2	Rural Publicity	..	925	..	..	..	..	..	..	925
PUB-3	Information Centres	..	600	..	..	..	..	..	..	600
PUB-4	Administrative Staff at Headquarters	..	250	..	..	..	..	..	..	250
PUB-5	Purchase and Production of Films	..	600	..	..	..	..	..	..	600
PUB-6	Purchase and Production of Literature	..	350	..	..	..	..	..	..	350
PUB-7	Exhibitions	..	500	..	..	..	..	..	..	500
PUB-8	Song and Drama Parties	..	650	..	..	..	..	..	..	650
PUB-9	Press Advertisements	..	200	..	..	..	..	..	..	200
PUB-10	Teleprinter Line between Chandigarh and Jullundur	..	175	..	..	..	..	..	..	175
	<b>Total</b>	..	<b>5000</b>	..	..	<b>750</b>	<b>225</b>	..	<b>450</b>	<b>6200</b>

†Includes only the State Share in the case of Centrally sponsored Schemes.

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**SUB-HEAD NO. 31—PUBLICITY (CONTD)**

**DETAILED STATEMENT—II**

**(BREAK-UP OF FINANCIAL OUTLAY)**

(Thousand Rs)

No. of Scheme	Name of Scheme	Financial Provision	BREAK-UP OF THE FINANCIAL PROVISION AMONG VARIOUS COST COMPONENTS								Total
			Staff	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or grant-in-aid	Others		
1	2	3	4	5	6	7	8	9	10	11	
*PUB-1	Communtty Listening	.. 750	270	..	..	..	..	..	480	750	
PUB-2	Rural Publicity	.. 925	234	..	..	551	..	..	140	925	
PUB-3	Information Centres	.. 600	125	240	60	20	..	..	155	600	
PUB-4	Administrative Staff at Headquarters	.. 250	176	..	..	..	..	..	74	250	
PUB-5	Purchase and Production of Films	.. 600	230	..	..	135	..	..	235	600	
PUB-6	Purchase and Production of Literature	.. 350	66	..	..	..	..	..	284	350	
PUB-7	Exhibitions	.. 500	110	..	..	30	..	..	360	500	
PUB-8	Song and Drama Parties	.. 650	110	..	..	180	..	300	60	650	
PUB-9	Press Advertisements	.. 200	22	..	..	..	..	..	178	200	
PUB-10	Teleprinter Line between Chandigarh and Jullundur	.. 175	81	..	..	..	..	..	94	175	
	<b>Total</b>	.. <b>5000</b>	<b>1424</b>	<b>240</b>	<b>60</b>	<b>916</b>	<b>..</b>	<b>300</b>	<b>2060</b>	<b>5000</b>	

## SUB-HEAD NO. 31—PUBLICITY—(CONTD)

## DETAILED STATEMENT—III

## (EMPLOYMENT POTENTIAL)

Employment to be provided in Man Years :

No. of Scheme	Name of Scheme	Adminis- trative and clerical	TECHNICAL		Skilled workers not includ- ed under columns 4 and 5	Others including Class IV employ- ees	Total
			Degree level	Diploma or Cer- tificate level			
1	2	3	4	5	6	7	8
*PUB-1	Community Listening ..	30	5	340	..	..	375
PUB-2	Rural Publicity ..	85	..	25	..	5	115
PUB-3	Information Centres ..	95	..	..	..	..	95
PUB-4	Administrative Staff at Head- quarters ..	50	..	..	..	35	85
PUB-5	Purchase and Production of Films ..	20	10	20	..	5	55
PUB-6	Purchase and Production of Li- terature ..	25	..	..	..	..	25
PUB-7	Exhibitions ..	5	..	25	..	5	35
PUB-8	Song and Drama Parties ..	..	..	15	..	..	15
PUB-9	Press Advertisements ..	5	..	..	..	..	5
PUB-10	Teleprinter Line between Chandigarh and Julundur ..	45	..	10	..	10	65
	Total ..	360	15	435	..	60	870

Note.—(1) Man year means one person employed for one year.

(2) If a person is likely to continue in employment for five years, five man years have been counted.

## SUB-HEAD NO. 31—PUBLICITY—(CONTD)

## DETAILED STATEMENT—IV

(PHYSICAL TARGETS)

(Thousand Rs)

No. of Scheme	Name of Scheme/ Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets plan- ned to be achieved dur- ing the Third Plan (April, 1961 to Mar- ch, 1966)	Likely posi- tion at the end of the Third Plan (on 31st March, 1966)
1	2	3	4	5	6
*PUB-1	Community Listening—				
	(i) Radio-sets to be purchased	Number	7885	3,000	10,885
	(ii) Maintenance centres to be opened	Do	15	28	43
PUB-2	Rural Publicity—				
	(i) Mobile Cinema units to be replaced	Do	9	10	19
	(ii) New Mobile Cinema units to be purchased	Do	..	1	1
	(iii) Conferences and Meetings to be held	Do	86,608	10,000	96,608
	(iv) Gramophone Records to be produced	Do	4	10	14
PUB-3	Information Centre—				
	Strengthening of :				
	(i) District Information Centres	Do	(19 centres opened)	19	19
	(ii) Construction of Buildings	Do	..	3	3
PUB-4	Purchase and Production of Films—				
	(i) Feature Films to be produced	Do	..	2	2
	(ii) Documentary Films to be produced	Do	2	10	12
PUB-5	Purchase and production of literature	Do	125	250	375
PUB-6	Exhibitions—				
	(i) Exhibitions to be held	Do	40	50	90
	(ii) Models and Charts to be prepared	Do	..	28	28
PUB-7	Teleprinter Line between Chandigarh and Jullundur	Do	..	1	1

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**32 TOURISM**

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SUB-HEAD No. 32—TOURISM  
DETAILED STATEMENT I  
(Financial Outlay)

Third Plan Provision (net)† .. Total Rs 2200  
Capital —  
Revenue Rs 2200 lakhs

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET †		Foreign Exchange involved in column 3	Public Contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Cantres' share in case of Centrally-sponsored Schemes	Total Cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the provision		
1	2	3	4	5	6	7	8	9	10	11
*TRM-1	Three Tourist Cottages at Katrain ..	40	..	..	..	..	..	..	40	80
*TRM-2	Camping ground for mules and shed for muleteers at Manali ..	25	..	..	..	..	..	..	25	50
*TRM-3	Illumination of Pinjore Gardens ..	50	..	..	..	..	..	..	50	100
TRM-4	Low Income Group Rest House and Dormitories at Pathankot (Spillover) ..	67	..	..	..	..	..	..	67	134
TRM-5	Low Income Group Rest House at Manikaran ..	100	..	..	..	..	..	..	..	100
TRM-6	Low Income Rest House at Baijnath ..	100	..	..	..	..	..	..	..	100
TRM-7	Low Income Group Rest House at Talwara ..	200	..	..	..	..	..	..	..	200
TRM-8	Low Income Group Rest House at Anandpur ..	100	..	..	..	..	..	..	..	100
TRM-9	Low Income Group Rest House at Palampur ..	200	..	..	..	..	..	..	..	200
TRM-10	Low Income Group Rest House at Khoti ..	150	..	..	..	..	..	..	..	150
TRM-11	Tourist Rest Camps at Manali in Kulu Valley ..	100	..	..	..	..	..	..	..	..
TRM-12 ‡	Conversion of Ravenswood at Simla into a holiday home ..	19	..	..	..	..	..	..	..	19
TRM-13	Construction of baths and public conveniences ..	449	..	..	..	..	..	..	..	449
TRM-14	Running of Tourist Information Centres ..	500	..	..	..	..	..	..	..	500
TRM-15	Loans to private parties for putting up way-side Hotels and Restaurants ..	100	..	..	..	..	..	..	..	100
Total		2200	..	..	..	..	..	..	182	2382

\*Centrally sponsored schemes.

†Includes only the State share in the case of Centrally-sponsored schemes.



**SUB-HEAD No. 32—TOURISM**

**DETAILED STATEMENT II**

(BREAK-UP OF FINANCIAL OUTLAY)

(Thousand Rs)

No. of Scheme	Name of Scheme	Financial provision	BREAK-UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS								Total
			Staff	Material and Building	Land	Equipment and Machinery	Loan	Subsidy or grant in aid	Others		
1	2	3	4	5	6	7	8	9	10	11	
*TRM-1	Three Tourist Cottages at Katrain	40	..	40	..	..	..	..	..	40	
*TRM-2	Camping ground for mules and shed for muleteers at Manali	25	..	25	..	..	..	..	..	25	
*TRM-3	Illumination of Pinjore Gardens	50	..	50	..	..	..	..	..	50	
TRM-4	Low Income Group Rest House and Dormitories at Pathankot (Spillover)	67	..	67	..	..	..	..	..	67	
TRM-5	Low Income Group Rest House at Manikaran	100	..	100	..	..	..	..	..	100	
TRM-6	Low Income Group Rest House at Baijnath	100	..	100	..	..	..	..	..	100	
TRM-7	Low Income Group Rest House at Talwara	200	..	200	..	..	..	..	..	200	
TRM-8	Low Income Group Rest House at Anandpur	100	..	100	..	..	..	..	..	100	
TRM-9	Low Income Group Rest House at Palampur	200	..	200	..	..	..	..	..	200	
TRM-10	Low Income Group Rest House at Khoti	150	..	150	..	..	..	..	..	150	

TRM-11	Tourist Rest Camps at Manali	::	199	::	100	::	::	::	::	199	
TRM-12	Conversion of Ravenswood at Simla into a holiday home	..	19	..	19	..	..	..	..	19	
TRM-13	Construction of baths and public Conveniences	..	449	..	449	..	..	..	..	449	
TRM-14	Running of Tourist Information Centres	..	500	310	..	..	..	..	190	500	
TRM-15	Loans to private parties for putting up way side hotels and restaurants	..	100	..	..	..	..	..	..	100	
Total		..	2200	310	1600	..	..	100	..	190	2200

\*Centrally sponsored schemes.

## SUB-HEAD No. 32—TOURISM—

## DETAILED STATEMENT—III

(EMPLOYMENT POTENTIAL)

Direct Employment to be provided in Man Years

No. of Scheme	Name of Scheme	Adminis- trative and Clerical	TECHNICAL		Skilled Workers not inclu- ded under Columns 4 and 5	Others includ- ing Class IV employees	Total	
			Degree Level	Diploma or Certificate				
1	2	3	4	5	6	7	8	
TRM-14	Running of Tourist Informa- tion Centres	..	95	..	..	..	35	130

*Note.*—(1) Man-year means one person employed for one year.

(2) If a person is likely to continue in employment for five years, five man-years have been counted.

## SUB-HEAD No. 32—TOURISM—CONTD

## DETAILED STATEMENT IV

(PHYSICAL TARGETS)

No. of Scheme	Name of Scheme/Item	Unit	Position at the end of the Second Plan (on 31st March, 1961)	Additional targets planned to be achieved during the Third Plan (April, 1961 to March, 1966)	Likely position at the end of the Third Plan (on 31st March, 1966)
1	2	3	4	5	6
*TRM-1	Three Tourst Cottages at Katrain	Number	..	3	3
*TRM-2	Camping ground for mules and shed for muleteers at Manali ..	Percentage	..	100%	100%
*TRM-3	Illumination of Pinjore Gardens ..	Do	..	100%	100%
TRM-4	Construction of Low Income Group Rest House and Dormitogies at Pathankot (Spill-over) ..	Do	50%	50%	100%
TRM-5	Low Income Group Rest House at Manikaran ..	Number	} 5	1	} 11
TRM-6	Low Income Group Rest House at Baijnath ..	Do		1	
TRM-7	Low Income Group Rest House at Talwara ..	Do		1	
TRM-8	Low Income Group Rest House at Anandpur ..	Do		1	
TRM-9	Low Income Group Rest House at Palampur ..	Do		1	
TRM-10	Low Income Group Rest House at Khoti ..	Do		1	
TRM-11	Tourist Rest Camps at Manali in Kulu Valley ..	Do	..	4	4
TRM-12	Conversion of Ravenswood at Simla into a holiday home ..	Do	..	1	1
TRM-13	Construction of baths and public conveniences ..	Percentage and number	..	7	7
TRM-14	Running of Tourist Information Centres ..	Number	6	4	10
TRM-15	Loans to private parties for setting up way-side hotels and restaurants ..	Do	..	10	10

\*Centrally sponsored schemes.



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**33. SPECIAL DEVELOPMENT IN URBAN AREAS NOT  
INCLUDED IN OTHER SECTORS**

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**SUB-HEAD No. 33—SPECIAL DEVELOPMENT IN URBAN AREAS NOT COVERED IN OTHER SECTORS**

**DETAILED STATEMENT—I**

(FINANCIAL OUTLAY)

Third Plan provision (net)† ..	1. Total	...	6500
	2. Capital	...	4900
	3. Revenue	..	1600

(Thousand Rs)

No. of Scheme	Name of Scheme	COST NET†		Foreign exchange involved in Col. 3	Public contribution	Income, if any	SHARE PROVIDED BY THE TECHNICAL COMMITTEE/BOARD		Centre's share in case of Centrally-sponsored schemes	Total cols. (3+6+9+10)
		Total	Capital				Included in the net provision	Not included in the net provision		
1	2	3	4	5	6	7	8	9	10	11
SPL-I	Special Development in urban areas not covered in other Sector	6500	4900	...	The Municipal Committees concerned would be required to contribute 25 per cent or more from their own resources which amount is not included in the net cost	...	...	...	...	**6500

†Includes only the State share in the case of Centrally-sponsored Schemes.

\*\*This does not include 25% or more contribution from Municipal Committees.



**SUB-HEAD No. 33—SPECIAL DEVELOPMENT IN URBAN AREAS NOT COVERED IN OTHER SECTORS**

**DETAILED STATEMENT —II**

(BREAK UP OF FINANCIAL OUTLAY)

(Thousand Rs)

No. of Scheme	Name of Scheme	BREAK UP OF THE FINANCIAL PROVISIONS AMONG VARIOUS COST COMPONENTS									
		Financial provision	Staff	Material and Building	Land	Equipment Machinery	Loan	Subsidy or grant-in-aid	Others	Total	
1	2	3	4	5	6	7	8	9	10	11	
SPL-1	Special Development of Urban Areas not covered in other Sectors	6500	..	..	..	..	4900	1600	..	6500	

Date .....  
 P. National Systems Unit.