

*For official use only*

# **UTTARAKHAND THIRD FIVE-YEAR PLAN**

---

## **PROGRESS REPORT**

**1964-65**

**LUCKNOW:**

Superintendent, Printing and Stationery, U. P. (India)

1965

GOVERNMENT OF INDIA  
PLANNING COMMISSION  
LIBRARY

Class No. .... 338.954 UP

Book No. .... U93 P

· CONTENTS ·

SCHEME

	<i>Page</i>
1. Horticulture and Fruit Utilization ..	1—6
2. Minor Irrigation and Flood Control ..	6-7
3. Forest and Soil Conservation ..	7—9
4. Animal Husbandry Development ..	10—17
5. Community Development .. ..	17—21
6. Power .. .. .	21—23
7. Industries including Herb Development ..	23—28
8. Transport and Communication ..	28—31
9. Education .. .. .	31—40
10. Drinking Water Supply, Drainage and Sanitation .. .. .	40—44
11. Medical and Public Health .. ..	44—55
12. Information and Publicity .. ..	55—57
APPENDIX—Statement showing Government of India's approval and expenditure incurred during the last four years .. ..	58-59

338.954 VP

U 93 P

## 1. HORTICULTURE AND FRUIT UTILISATION

### (i) Expansion of Multi-purpose Horticulture Farms

All the 11 existing Horticulture Farms and the newly established 18 Model Orchards (8 in Pithoragarh, 8 in Chamoli and 2 in Uttarkashi district) of about 5 acres each established at the Block Headquarters continued to function. Efforts were made to acquire suitable land for establishing Model Orchards at the headquarters of the remaining three blocks (2 in Chamoli and 1 in Uttarkashi). These orchards demonstrate horticultural activities at different areas of the district and extend technical guidance to the growers. The principal physical targets achieved during the year 1964-65 are noted below :

Item	Pithoragarh	Chamoli	Uttarkashi
(i) Fruit Plants produced and distributed (nos.)	70,403	39,975	51,106
(ii) Production of vegetable seed (kg.) ..	493.46	133.700	293.625
(iii) Production of potato (kg.) ..	20,170.50	4,818.00	1,216.00
(iv) Vegetable seed distributed/sold (kg.)	189.85	6.00	186.90
(v) Vegetable produced (kg.) ..	16,077.49	607.00	4,776.49
(vi) Fruit production (kg.) ..	2,341.15	..	2,700.54

Besides, the farms and nurseries in the Pithoragarh district sowed 189.72 kg. of different vegetable seeds and 275.65 kg. fruit seeds and sold 69.852 kg. of honey during the year. In the Chamoli district 26.45 kg. of vegetable seeds was sown. At the farms and nurseries in the Uttarkashi district 2,243 Thalass were prepared and 1,243 pits dug for planting mother plants.

### Buildings

The following building programme has so far been approved under this scheme :

Location	Estimated cost	G. O. no. and date	Physical Target
<b>Multi-purpose Horticulture Farms</b>			
	Rs.		
1. Parsari (Chamoli) ..	46,500	3726/XXV-CXC— dated July 22, 1963.	100 per cent completed.

Location	Estimated cost	G. O. no. and date	Physical Target
2. Sosa (Pithoragarh)	.. 69,650	1640/XXV-CXC—, dated March 17, 1964.	95 per cent.
<b>Sub-tropical farms—</b>			
1. Thal (Pithoragarh)	.. 25,000	1972/XXV-CXC—, dated July 30, 1963.	95 per cent.
<b>Temperate Farms—</b>			
2. Raithal (Uttarkashi)	.. 1,01,050	3989/XXV-CXC—	37 per cent.

### (ii) Horticulture Plant Protection Mobile Teams

All the existing 23 Plant Protection Mobile Teams (8 in Pithoragarh with 2 sub-teams at Munsiyari and Dharchula Blocks, 9 in Chamoli and 6 in Uttarkashi) provided in each development block for disseminating up-to-date knowledge about proper maintenance of old plantations continued functioning during the year. Besides, a Horticulture Plant Protection Unit has been set up at Pithoragarh. The principal physical targets achieved during the year are :

Item	Pithoragarh	Chamoli	Uttarkashi
1	2	3	4
(i) Fruit Plants supplied (nos.)	.. 91,925	1,08,735	84,942
(ii) Vegetable seed distributed (kg.)	.. 532.93	829.46	996.217
(iii) Budding Demonstrations (nos.)	.. 9,826	17,339	1,761
(iv) Manurial demonstration	.. 156.10 (acres)	..	2,470 (nos.)
(v) Treatment of fruit plants against pests and diseases (nos.)	36,461	14,255	30,667
(vi) Vegetable/Agriculture Crop treated against pests and diseases (acres)	572.28	384.15	494.06
(vii) Systematic layout of land (acres)	.. 371.84	173.82	325.61

Besides, 18,398 thalas were prepared, 12,945 pits dug and 184 kitchen gardens established during the year by the Mobile Teams functioning in Pithoragarh district. In Chamoli district 10,996 thalas were prepared and 33,357 plants pruned by

the Mobile Teams. The 6 teams functioning in district Uttarakashi established 1,156 kitchen garden, pruned 77,161 plants and made an area of 611.921 acres free from rat infection.

### Buildings

Under this scheme office-cum-godowns and staff quarters are being constructed at the following places :

Location	Estimated cost	G. O. no. and date	Physical targets
1	2	3	4
	Rs.		
1. Karnprayag (Chamoli)	30,300	1310/XXV-CXC—, dated March 15, 1963.	Completed
2. Gairsain (Chamoli) ..	30,300	Ditto ..	Do.
3. Gopeshwar (Chamoli) ..	43,300	Ditto ..	98 per cent.
4. Joshimath (Chamoli) ..	89,700	7005/XXV-CXC— dated March 26, 1965.	40 per cent.
5. Pokhari (Chamoli) ..	31,400	1310/XXV-CXC—, dated March 15, 1965.	40 per cent.
6. Gwaldam (Chamoli) ..	42,500	2816/XXV-CXC—, dated July 30, 1963.	Nil
7. Gangolihat (Pithoragarh)	40,000	522/XXV-CXC—, dated November 13, 1963.	Completed
8. Moonakote (Pithoragarh)	35,800	1310/XXV-CXC—, dated March 15, 1963.	60 per cent.
9. Didihat (Pithoragarh) ..	35,800	6355/XXV-CXC—, dated January 4, 1965.	70 per cent.
10. Berinag (Pithoragarh) ..	40,600	95/XXV-CXC—, dated February 26, 1964.	50 per cent.
11. Pithoragarh ..	40,200	1315/XXV-CXC—, dated March 7, 1963.	99 per cent.
12. Barkote (Uttarkashi) ..	34,000	1310/XXV-CXC—, dated March 15, 1963.	Nil

Location	Estimated cost	G. O. no. and date	Physical targets
1	2	3	4
	Rs.		
13. Jarmola (Uttarkashi) ..	41,000	1310/XXV-CXC—, dated March 15, 1963.	Nil
14. Bhatwari (Uttarkashi) ..	39,750	1383/XXV-CXC—, dated March 19, 1963.	Land now obtained.
15. Dunda (Uttarkashi) ..	33,500	2537/XXV-CXC—, dated April 30, 1963.	Nil

### (iii) Community Canning Centres

All the existing 4 Canning Centres (1 in Pithoragarh, 2 in Chamoli and 1 in Uttarkashi) continued to function effectively. The three new Canning Centres sanctioned at Nala and Simli in district Chamoli and at Naugaon in district Uttarkashi during 1963-64 are expected to start functioning soon. Three more Canning Centres (2 in Pithoragarh and 1 in Chamoli district) have been sanctioned. The principal physical targets achieved during the year are noted below :

Item	Pithoragarh	Chamoli	Uttarkashi
(i) Fruit Canned (kg.) ..	649.39	6018.50	3219.51
(ii) Candidates trained (nos.) ..	48	188	153

The total sale proceeds of fruit products amounted to Rs.2,206 and Rs.1,735 in Chamoli and Uttarkashi districts respectively.

### Buildings

The buildings at the following places have been sanctioned under this scheme :

Location	Estimated cost	G. O. no. and date	Physical target
	Rs.		
1. Joshimath (Chamoli) ..	68,600	6843/XXV-CXC—, dated March 23, 1965.	Nil



Location	Estimated cost	G. O. no. and date	Physical target
Rs.			
2. Gopeshwar (Chamoli) ..	41,000	666/XXV-CXC—, dated March 20, 1964.	98 per cent.
3. Pithoragarh ..	44,000	4243/XXV-CXC—, dated September 21, 1963.	80 per cent.

#### (iv) Mali Training

During the year under report 104 (64 in Pithoragarh and 40 in Chamoli) trainees received suitable training. In the remaining district of Uttarkashi no training could be imparted during the year due to the non-availability of suitable candidates at the present rate of stipend of Rs.40 per head per month.

#### (v)(a) Long term loan and Grant-in-aid

This has greatly assisted the plantation of new orchards to improve the economic well being of the local people on a long term basis. A sum of Rs.2.00 lakhs (Rs.50,000 each for Pithoragarh and Uttarkashi districts and Rs.1,00,000 for Chamoli district) was sanctioned during the year.

#### (b) Grant-in-aid for transport subsidy

A sum of Rs.20,000 (Rupees 10,000 for Pithoragarh, Rs.6,000 for Chamoli and Rs.4,000 for Uttarkashi district) was sanctioned during 1964-65.

#### (c) Purchase and sale of fruit plants on "No-profit-no-loss basis"

A sum of Rs.80,000 (Rs.30,000 each for Pithoragarh and Chamoli districts and Rs.20,000 for Uttarkashi district) was sanctioned during the year.

#### (d) Grant of rewards to outstanding orchardists

The local people are extremely poor and have frequently found it difficult to switch over to the orchard plantation of their own volition particularly because this results in a reduction in agriculture income for the period taken by the orchard to start bearing fruit. With a view to attracting local people to increasingly utilise their land for plantation of orchards and

thereby achieve long term economic benefits, it was decided to give some incentive in the shape of cash award i.e. first and second prize of Rs.200 and Rs.100 respectively at the district level and Rs.100 and Rs.50 at the Block level.

## -----

## 2. MINOR IRRIGATION AND FLOOD CONTROL SCHEMES

### MINOR IRRIGATION SCHEMES

Minor irrigation schemes costing above Rs.15,000 executed by the Irrigation Department and the smaller schemes are executed by the Block agency under the control of the District Magistrates concerned. The Irrigation Department prepared a Revised Plan for Rs.55.84 lakhs (Rs.42.76 lakhs for Minor Irrigation and Rs.13.08 lakhs for flood control schemes). It is anticipated that work to the extent of Rs.13.533 lakhs would be executed through the Block Agencies and hence the total cost of the Third Plan under this sector is likely to be Rs.69.373 lakhs.

#### 2. Minor Irrigation Schemes executed by Irrigation Department

(i) Pithoragarh Hill Channels Project (Estimated cost Rs.3,52,000) was administratively approved by the Government of India. The work on the project continued to make steady progress during 1964-65.

(ii) Uttarkashi Hill Channels Project (Estimated cost— Rs.3,90,546) was administratively approved by the Government of India. The work on the project continued to make steady progress.

(iii) Chamoli Hill Channels Project (Estimated cost— Rs.2,85,787) was administratively approved by the Government of India. The work on the project continued to make steady progress.

Fourteen schemes for district Chamoli, five schemes for district Uttarkashi and sixteen schemes for district Pithoragarh are under investigation and preparation of Preliminary Estimates at a total cost of Rs.37,83,514.

#### 3. Minor Irrigation Schemes executed through Block Agencies

In the year 1964-65 works involving an expenditure of (i) Rs.3,19,200 in district Pithoragarh, (ii) Rs.75,000 in dis-

tract Uttarkashi and (iii) Rs.1,44,000 in district Chamoli was done on such schemes. Thus a total amount of Rs.5,38,200 was spent on these schemes in the year 1964-65 as against the amount of Rs.4,48,766 spent on such schemes during 1963-64.

#### 4. Flood Control Schemes

*Flood Control Schemes executed by Irrigation Department*—(i) Uttarkashi Flood Control Scheme (Estimated cost—Rs.1,07,591) was administratively approved by the Government of India. The work on this scheme continued to make steady progress.

(ii) Yamunotri Flood Control Scheme (Estimated cost—Rs.1,02,579) was administratively approved by the Government of India. The work on this scheme continued to make steady progress.

(iii) Kedarnath Flood Control Scheme (Estimated cost—Rs.13,154) was administratively approved by the Government of India. The work on this scheme continued to make steady progress.

(iv) Flood Control Scheme for village Bagori, district Uttarkashi (Estimated cost—Rs.43,158) was administratively approved by the Government of India.

(v) Jauljibi Flood Control Scheme (Estimated cost—Rs.1,42,361) has been submitted to the Government of India, Ministry of Home Affairs for administrative approval, which is still awaited. The Irrigation Department has been authorised to take up the work in anticipation of the Government of India's approval.

Fourteen Flood Control Schemes are under investigation and preparation of Preliminary Estimates at an approximate cost of Rs.12,80,154.

---

### 3. FOREST AND SOIL CONSERVATION

#### (i) Soil Conservation

The scheme envisages the execution of soil conservation measures to check soil erosion. The programme was successfully implemented over an area of 1,070 acres during 1964-65.

**(ii) Communications**

The scheme envisages the construction/improvement of roads and installation/maintenance of telephone lines in forest areas of Uttarakhand Division. The physical target fixed for the year 1964-65 was almost double of the year 1963-64, yet work was completed per schedule. Details of physical achievements and expenditure incurred during 1964-65 are as under :

1. Construction of motor roads	..	..	39.5 miles
2. Renovation of motor roads	..	..	133.5 ,,
3. Construction of bridle paths	..	..	70.0 ,,
4. Installation of telephone lines	..	..	102.0 ,,
5. Maintenance of old telephone lines	..	..	470.0 ,,

An expenditure of Rs.20,09,543 was incurred in the execution of the above works.

**(iii) Forest Resources Survey**

The scheme envisaged survey of Government forests to determine the occurrence and distribution of various types of trees, their enumeration and sampling to ensure that particular types of forest produce could be provided at the time of demand. Survey of 3,09,550 acres was completed during 1964-65.

**(iv) Rehabilitation or Regraded Forests**

The Uttarakhand Division includes a large area of Government Forests and private panchayati forest managed by Gaon Sabhas. Due to great demand for forest fuel for providing heat and cooking facilities forests, particularly those near the inhabited villages were indiscriminately damaged and little efforts were made to improve their stocking. This scheme, therefore, envisages a more scientific management of these forests and plantation of trees. Artificial and natural means are both employed in planting new species. The work has been taken in hand both in Government as well as civil forests. Plantation work was completed over an area of 505 acres in Government Forests. The report about the target achieved in civil forests is still awaited.

**(v) Buildings**

The construction and improvement of forest buildings which may serve as offices, residences and rest houses etc. is undertaken under this scheme. Up to the end of 1963-64, during current plan period, construction of 94 buildings and part construction of 49 buildings was done at the cost of Rs.8,45,645. During 1964-65, 97 buildings were constructed and an expenditure of Rs.6,22,188 was incurred.

**(vi) Raising of Economic plantation**

The planned development of country has greatly changed the pattern of forests products. It is now felt that apart from firewood and timber for the manufacture of doors, windows and furniture the forests must be able to provide a much larger variety of timber of economic and industrial importance. The present scheme envisages the plantation of such species. Plantation work was successfully completed over an area of 1,040 acres during 1964-65.

**(vii) Fire Protection**

Fire Protection measures are necessary to protect the forest wealth against the dangers of incidental fires which threaten the very existence of the forest areas. Cutting of 34 miles of fire lines was completed during 1964-65. Besides 8, Binoculars and 6 telephone machines, were also purchased.

**(viii) Development of Medicinal Herbs**

The scheme envisages supervision and collection of medicinal herbs by trained staff and also aims at stepping up plantation thereof. Besides maintenance of plantation over 33.5 acres done in the past three years, further plantation over an area of 16 acres was completed 1964-65.

**(ix) Amenities for forest labour**

The forest labourer had to work hard frequently under very difficult living conditions. The necessity of providing suitable shelter, drinking water facilities, first-aid and sanitary arrangement was, therefore, keenly felt. Eighteen hutments with drinking water and sanitary facilities were fully completed and 10 such hutments partly constructed during 1964-65. Besides shouldaries and medicine boxes were also purchased.

#### 4. ANIMAL HUSBANDRY DEVELOPMENT

##### I. Veterinary Hospitals, Veterinary Dispensaries, Stockmen Centres and Mobile Dispensaries

The veterinary hospital at Dharchula, 94 stockmen centres (including 27 borne on the State budget) and six mobile dispensaries continued to function effectively. Out of 94 Stockmen Centres, 12 were established during the year 1964-65.

The following table shows the number of animals treated for various diseases, inoculated, castrated, dipped and drenched, etc., under the above scheme :

District	Castrated for various diseases	Animals inoculated	Castration performed	Dipped	Drenched	Medicines supplied	Out-breaks attended to
1	2	3	4	5	6	7	8
Pithoragarh	49,071	4,465	2,127	..	..	..	1
Chamoli ..	53,250	7,961	2,282	6,179	5,826	15,886	5
Uttarkashi ..	2,286	..	211	384	1,494	..	..
Total ..	1,04,607	12,426	4,620	6,563	7,320	15,886	6

##### Buildings

##### Administrative Approval

Item	Estimated cost	G. O. no. & date	Physical targets
1	2	3	4
Rs.			
<b>1. Veterinary Hospital :</b>			
(a) Pithoragarh .. ..	75,000	2845/XXV—CXC— dated September 21, 1962.	25 Per cent
(b) First-aid Dispensary Khel (Pithoragarh).	16,000	4433/XXV—CXC— dated September 24, 1963.	Comple- ted.

Item	Estimated cost	G. O. no. & date	Physical targets
1	2	3	4
Rs.			
<b>2. Stockmen Centres :</b>			
(a) Chakey (Pithoragarh) ..	16,300	3372/XXV—CXC— dated September 18, 1962.	Comple- ted.
(b) Barle (Pithoragarh) ..	15,330	3161/XXV—CXC— dated June 4, 1963.	45%
(c) Chaubati (Pithoragarh) ..	14,600	967/XXV—CXC— dated March 1, 1964.	30%
(d) Thal (Pithoragarh) ..	16,560	Ditto ..	27%
(e) Nauti (Chamoli) ..	14,200	3372/XXV—CXC— dated September 19, 1962.	95%
(f) Bairgona (Chamoli) ..	16,900	Ditto ..	99%
(g) Chopra (Chamoli) ..	14,350	4122/XXV—CXC— date October 17, 1962.	Comple- ted.
(h) Dasjula Kandai (Chamoli)	14,400	3372/XXV—CXC— dated September 18, 1962.	99%
(i) Adbadri (Chamoli) ..	15,700	4122/XXV—CXC— dated October 17, 1962.	98%
(j) Patholidhar (Chamoli) ..	15,600	Ditto ..	Work being started.
(k) Maikoti (Chamoli) ..	18,050	18(752)/XXV—CXC— March 31, 1965.	50%
(l) Nandprayag (Chamoli) ..	15,500	4122/XXV—CXC— dated October 17, 1962.	Comple- ted.
(m) Kharia (Chamoli) ..	16,400	Ditto ..	Do.
(n) Trishula (Chamoli) ..	15,750	3161/XXV—CXC— dated June 4, 1963.	99%
(o) Gocker (Chamoli) ..	13,100	Ditto ..	95%
(p) Kothalisain (Chamoli) ..	15,200	Ditto ..	50%
(q) Kirali Konwal (Chamoli)	16,500	Ditto ..	24%

Item	Estimated cost	G. O. no. & date	Physical targets
1	2	3	4
(r) Nainsain .. ..	Rs. 14,100	3161/XXV—CXC— dated June 4, 1963.	Completed.
(s) Bhatiyara (Uttarkashi) ..	15,600	3372/XXV—CXC— dated September 18, 1962.	Do.
(t) Gangani (Uttarkashi) ..	36,000	Saura—1217/XXV— at B—13-14 dated April 30, 1959.	Do.

## 2. Intensive Animal Husbandry Development Centre

Six Stud Ram Centres, 14 Bull Centres, two Poultry Demonstration units and four stallion centres, continued to function effectively. In these centres 38 bulls, 140 Rams, 11 bucks and one stallion are located. The following table shows the number of animals covered, progeny born, cases treated etc., at the above centres :

Items	Pithora- garh	Chamoli	Uttar- kashi	Total
1	2	3	4	5
Covered by bulls and Buffaloes	964	318	368	1,650
Progeny born .. ..	595	266	333	1,194
Covered by Rams/Bucks ..	1,785	1,569	244	3,598
Progeny born .. ..	1,474	1,195	497	3,166
Covered by donkey stallion ..	..	71	..	71
Progeny born .. ..	..	65	..	65
Castration performed ..	148	394	136	678
Cases treated .. ..	5,302	13,328	2,008	20,638
Dipped .. ..	539	6,679	52	7,270
Drenched .. ..	15,960	7,438	90	23,488
Medicines supplied .. ..	..	9,460	..	9,460
Inoculations .. ..	..	385	..	385
Eggs produced .. ..	..	1,253	10,610	11,863



In the two poultry demonstration units at Uttarkashi 10,610 eggs were laid, of which 1,816 eggs were sold for hatching purposes and 8,182 eggs for table purposes while 589 were set in the incubator out of which 214 eggs were hatched out.

### 3. Improvement of existing and establishment of new sheep Farm by providing foreign sheep

The five sheep farms borne on Animal Husbandry Department's budget continued to function. The sheep farm at Bangali in the Chamoli District borne on the Uttarakhand budget has now been fully established. Two hundred Rampur Bushier Ewes were purchased from Himachal Pradesh for this sheep farm. Six Rambouillet Rams have also been located at this farm. One new sheep farm was proposed to be established at Naitwar in the Uttarkashi District but it could not materialise due to prevalence of scabies among sheep near the site. Another site is being selected for this sheep farm.

The supply of sheep under the "Freedom From Hunger Campaign of the F. A. O." is still anxiously awaited.

### 4. Improvement of existing Stud Ram Centres and establishment of new Centres

All the 20 Stud Ram Centres (including 11 centres borne on State budget) continued to function effectively. These 20 centres include 3 centres sanctioned from the Uttarakhand Budget during 1964-65. In the 9 centres borne on the Uttarakhand budget there were 228 rams and 6 bucks at the close of the year. The following table shows the number of ewes covered, progeny born, etc :

District	Sheep/ ewes covered	Pro- geny born	Treated	Castrated	Dipped	Drenched
1	2	3	4	5	6	7
Pithoragarh.	2,065	965	1,798	212	1,450	11,935
Chamoli	1,047	734	1,821	52	1,437	6,596
Uttarkashi.	1,245	556	1,001	80	363	2,993

**Buildings—**

Location	Estimated cost	G. O. no. & date	Physical targets
1	2	3	4
	Rs.		Per cent
(a) Giria (Chamoli) ..	53,300	1423/XXV—CXC— dated August 19, 1963.	22
(b) Gkesh Balan (Chamoli) ..	48,500	3975/XXV—CXC— dated July 22, 1963.	10
(c) Kotma (Chamoli) ..	33,900	4197—XXV/CXC— dated October 24, 1963.	90
(d) Jipti (Pithoragarh) ..	45,600	4435/XXV—CXC— dated October 24, 1963.	Comple- ted.
(e) Jakhol (Uttarkashi) ..	70,000	4177/XXV—CXC— dated October 24, 1963.	95

**5. Establishment of Poultry Extension Centres**

All the nine poultry extension centres/Deep Litter Houses sanctioned till 1963-64 continued to function effectively. Five more such centres sanctioned during 1964-65 have also been established. Now the total number of these centres is fourteen. In Pithoragarh and Chamoli Districts 11,688 eggs were produced, out of which 8,982 were sold for table and hatching purposes.

**Buildings—****ADMINISTRATIVE APPROVAL**

Items	Bird strength	Estimated cost	G.O. no. & date	Physical target
1	2	3	4	5
		Rs.		
Poultry Extension Centre at Pithoragarh.	..	35,000	8415/XXV—CXC— dated February 7, 1962.	Comple- ted.
<b>Deep Litter House :</b>				
(a) Nandprayag (Chamoli).	200	8,000	3877/XXV—CXC— dated July 22, 1963.	Do.

Items	Bird strength	Estimated cost	G.O. no. & date	Physical target
1	2	3	4	5
		Rs.		
(b) Sim Chamoli)	100	4,200	3877/XXV—CXC— dated July 22, 1933.	Completed.
(c) Pipalkoti (Chamoli).	100	4,265	Ditto ..	Do.
(d) Baragaon (Chamoli).	100	4,650	Ditto ..	Do.
(e) Pithoragarh ..	200	7000	5046/XXV—CXC— dated October 3, 1963.	Do.
(f) Munsiyari (Pithoragarh).	100	9,887	Ditto ..	Do.
(g) Dharchula (Pithoragarh)	200	7,000	Ditto ..	Do.
(h) Gangori (Uttarkashi).	100	9,600	3266/XXV—CXC— dated June 14, 1963.	Do.

## 6. Establishment of Cattle Breeding Farms

The Livestock Farm at Pashulok in Dehra Dun District continued to supply good quality stud bulls, sheep, mules, stallions, etc., to Uttarakhand Division. It has not yet been possible to find a suitable site for the establishment of a cattle breeding farm in the Uttarakhand Division itself. Efforts in this direction are still continuing.

## 7. Subsidy and grant-in-aid for maintenance of Stud Bulls, Yak Bulls, Chamba bucks, donkey stallions and piggery development

(a) *Stud Bulls*—At present 126 bulls are operating; 62 in Pithoragarh, 54 in Chamoli and 10 in Uttarkashi. Stud Bulls will now be withdrawn from the Gaon Sabhas gradually, as it has been noticed that they are not maintaining the bulls satisfactorily. The bulls withdrawn from them will be maintained at Government Bull Extension Centres. Eight Bulls in Pithoragarh and 6 in Chamoli have been withdrawn from the Gaon Sabhas and the same are being maintained at the Government

**Bull Extension Centres.** The following table shows the number of coverings made and progeny born by the bulls with the Gaon Sabhas :

District	Number of covering made by bulls	Number of progeny born
1	2	3
Pithoragarh .. .. .	1,473	434
Chamoli .. .. .	1,131	627
Uttarkashi .. .. .	273	..

(b) *Yak Bulls*—The yak bulls unit in Pithoragarh District consists of 1 yak bull, 2 cows and 3 calves. Two more Yak bulls are operating, one each in Chamoli and Uttarkashi districts. The yak bull in Chamoli has covered 40 cows and the number of progeny born during the year is 34.

(c) *Chamba Bucks*—Two hundred and twenty-two Chamba bucks were purchased and distributed to interested breeders. Two hundred and eighteen bucks are operating in Pithoragarh District and 206 in Chamoli District. In all 3,033, goats were covered and 1,763 progeny born.

(d) *Donkey Stallion*—Two Bhotia Donkey stallions, one each in Pithoragarh and Uttarkashi districts, continued to operate. In all 88 mares were covered and 16 progeny born.

(e) *Piggery Development*—This scheme has been introduced in Pithoragarh and Munakot blocks of the Pithoragarh District on an experimental basis. Two Piggery Units have so far been established and 6 boars and 24 sows have been distributed to Shilpkars (local Harijans) for the implementation of this scheme.

## 8. Development of pasture

A sum of Rs.0.80 lakh was distributed as grant-in-aid to Gaon Sabhas and Forest Panchayats for growing pasture trees and fencing the existing pasture lands. A scheme for the establishment of fodder nurseries in the development blocks is also under consideration.

### 9. Distribution of loan for sheep development

Two thousand and ninety-six sheep were purchased and distributed (673 in Pithoragarh, 643 in Chamoli, and 760 in Uttarkashi districts) at a cost of Rs.1.03 lakhs.

### 10. Distribution of loan for development of livestock

Under this scheme, a sum of Rs.1.04 lakhs was sanctioned for distribution as taqavi to intending purchasers of milch cattle among the local milk suppliers. Thirty-one Milch cattle were purchased and distributed among the interested breeders in Chamoli District and 92 in Uttarkashi District.

### 11. Publicity

Under this scheme, one-day livestock show is organised in each development block during the winter season. Twenty-one such livestock shows were organised during 1964-65.

### 12. Development of Fish Culture

Action is under way for the establishment of two Nursery Farms, one each at Baralu and Thal-Kedar in Pithoragarh. The possibilities of further development of Fish Culture in this district are also being explored.

---

## 5. COMMUNITY DEVELOPMENT

Ten development blocks in Stage I, 8 in Stage II and 3 in Post-Stage II phase continued to function effectively in the Uttarakhand Division till the end of fourth quarter of 1964-65. High priority was given to Agricultural Production Programme including growth of potatoes and other vegetables and propagating the scientific methods of agriculture and use of Chemical fertiliser and manures in the blocks. Rabi Crop was good Great stress was also laid on poultry development programme and additional grant-in-aid was provided to interested breeders for the development of poultry farming in the blocks. Great emphasis was also given on the Minor Irrigation Programme and for providing drinking water facilities to local people. Sufficient work was done under Communications Programme. Other approved programmes under "Health and Rural Sanitation", Education and Social Education and Rural Arts, Crafts and Industries" were undertaken in the blocks in accordance with the scope and needs of the people, and in conformity with

the recommendation of the Block Development Committees of the blocks. Some of the important achievements made in the block till the end of 1964-65 are noted below :

Agriculture	Pi- thor- garh	Chamoli	Uttar- kashi
1	2	3	4
1. <i>Line sowing and interculture of crops (Hectares).—</i>			
(a) Kharif Crops : Paddy, Maize, Jwar Bazra & others ..	3,140	3,861	1,920
(b) Rabi Crops : Wheat, Barley, pea, gram and others ..	2,827	884	2,046
2. <i>Manurial demonstrations laid out (Nos.)—</i>			
(a) General .. ..	415	430	182
(b) Fertilizer demonstration laid out (under free fertilizer demonstration Scheme) .. ..	248	111	127
3. <i>Distribution of fertilizers (tons)—</i>			
(a) Nitrogenous .. ..	121	80	209
(b) Phosphatic .. ..	80	38	90
4. <i>Distribution of improved implements (Nos.)—</i>			
(a) Improved ploughs .. ..	28	26	2
(b) Seed drills and others .. ..	219	187	62
5. <i>Double Cropped area (Hectares)—</i>	8,220	1,525	6,675
6. <i>Area brought under dry farming (Hectares).</i>	7,516	2,558	1,088
7. <i>Preparation and use of compost—</i>			
(a) Number of kachcha pits maintained	9,319	4,127	5,590
(b) Number of pucca pits maintained	1,209	1,631	461
8. <i>Distribution of vegetable seeds other than potato seeds (Kg.)—</i>			
(a) Kharif .. (i) By Department	315	304	} 1,200
(a) Kharif .. (ii) By other sources	195	682	
(b) Rabi .. (i) By Department	229	267	
(b) Rabi .. (ii) By other sources	333	295	

Agriculture	Pithoragarh	Chamoli	Uttarkashi
1	2	3	4
<b>Minor Irrigation :</b>			
<i>Shramdan Works—</i>			
1. Construction of <i>guls</i> (Kilometres)—			
(i) <i>Pucca</i> .. .. .	31	18	N.A.
(ii) <i>Kuchcha</i> .. .. .	53	90	N.A.
2. Cleaning and deepening of <i>guls</i> (Kilometres).	280	279	N.A.
3. Construction of new tanks (Nos.) ..	46	81	N.A.
<b>Communication :</b>			
<i>Self-Help Scheme—</i>			
1. Construction of Kachcha roads (Kilometers).	164	221	71
2. Improvement of Kachcha roads (Km.)	427	401	183
3. Construction of small bridges and culverts (Nos.).	19	65	28
<b>Education and Social Education :</b>			
1. Organisation of Adult Education Classes (Nos.).	101	66	64
2. Adults made literate (Nos.) ..	1,954	1,474	1,260
3. Establishment of reading rooms/Rural libraries (Nos.).	12	23	6
4. Gram Sahayaks trained (Nos.) ..	2,394	3,721	5,005
5. Construction of Community Centres/Panchayatghars (Nos.).	10	24	8
<b>Women and Children Programme—</b>			
1. New students in adult classes (Nos.)	1,785	1,682	758
2. Women trained in handicrafts (Nos.)	1,237	2,499	734
3. Number of Mahila Mandals established	66	69	35
4. New members of Mahila Mandals (Nos.).	1,922	1,127	769
5. Number of Yuvati Mangal Dals (No.)	58	61	26
6. New members of Yuvati Mangal Dals (Nos.).	1,247	938	460

Agriculture	Pithoragarh	Chamoli	Uttarkashi
1	2	3	4
7. Number of Balbaris established . .	129	80	78
8. New members of Balbaris (Nos.) . .	2,117	1,513	1,238
<b>Animal Husbandry :</b>			
1. Improved poultry stock and hatching eggs distributed (Nos.).	10,465	9,127	3,011
2. Number of poultry units constructed (Deep litter houses, Houses with runs and improved night shelters).	175	101	63
3. Castration performed (nos.) . .	3,111	3,837	N.A.
4. Animals treated (indoor and outdoors (Nos.).	24,264	31,565	N. A.
<b>Public Health :</b>			
1. Drinking Water Supply—			
(i) Construction of drinking water diggies (Nos.).	79	85	60
(ii) Improvement of existing diggis (Nos.).	210	131	121
(iii) Installation of pipe lines (Nos.) . .	89	88	1,840
2. Environmental Sanitation—			
Construction of PRAI type latrines (Nos.).	82	39	12

**Buildings :**

The following blocks offices, hospital and residential buildings have so far been sanctioned :

Item	Estimated cost	G. O. No. and date	Physical progress
1	2	3	4
	Rs.		
1. N.E.S. Block Building (Part I and II) Gairsain (Chamoli).	1,14,000	4516/BW, dated June 9, 1960.	Completed.
2. 'C' Class Veterinary Dispensary at Karanprayag (Chamoli).	10,000	C-196/4795/P-1/64-AH/O, dated August 2, 1960.	Land not available.



Item	Estimated cost	G.O. and date	Physical progress
1	2	3	4
	Rs.		
3. Block Office-cum-information Centre at Karanprayag (Chamoli).	44,300	747/XXV—CXC dated July 4, 1963.	34 %
4. 'C' Class Veterinary Dispensary at Agastmuni (Chamoli).	14,900	2398/XXV—CXC June 12, 1963.	Completed.
5. Block-cum-information Centre at Agastmuni (Chamoli).	44,600	745-XXV—CXC, dated July 10, 1963.	99 %
6. 'C' Class Veterinary Dispensary Ukhimath (Chamoli).	22,500	2969/XXV—CXC, dated July 22, 1963	Completed.
7. Block-Office-cum-Information Centre at Ukhimath.	48,400	3978/XXV—CXC, dated July 26, 1963.	11 %
8. N. E. S. Stage I Block at Gangolihat (Pithoragarh).	1,14,000	45/BKB-B-6—54, dated November 3, 1959.	86 %
9. First-aid Dispensary at Sainpolo (Pithoragarh).	15,400	159/3929-Pt—62 AA-60, dated June 5, 1960.	Nil.
10. 'C' Class Veterinary Dispensary.	15 500	2019/XXV—CXC—dated May 20, 1963.	99 %
11. N.E.S. Block at Purola (Uki).	1,14,000	76900/XXIV-A—90-90-1960 dated July 1, 1960.	99 %
12. Block Office and Information Centre at Stage Block, Dunda (Uttarkashi).	1,14,000	2900/XXIV-A—90-60, dated July 1 1960.	Completed.

## 6. POWER

The State Electricity Board have been entrusted with the execution of Power Schemes in the Uttarakhand Division. For the speedy development of Uttarakhand Division under the "Power Development Programme", the following power schemes have been administratively approved by Government of India and the work on these projects is continuing. The position of the various schemes at the end of the year 1964-65 is indicated below :

1. *Pithoragarh Power Project*—(Estimated cost—Rs.2,65,000) was completed in the year 1962-63. The Board

sent a proposal to spend Rs.1,97,624 more to augment the present supply and this was sent to Government of India for approval. The Government of India have raised some technical objections which are being cleared by the Board.

2. *Uttarkashi Power Project*—Has been administratively approved by Government of India and technically approved by the C. W. P. C. The revised Project amounting to Rs.26.31 lakhs has been submitted by the Board which has been sent to Government of India for administrative approval.

3. *Chamoli Power Project*—Has been administratively approved by the Government of India and technically cleared by the C. W. P. C. at an estimated cost of Rs.14.83 lakhs. Revised Power Project amounting to Rs.26.05 lakhs was sent to Government of India for administrative approval. But Government of India have raised some technical objections which are being cleared by the Board.

4. *Joshimath Power Project*—The interim scheme has been completed. The fresh Preliminary Estimate amounting to Rs.22,52,300 has been received from the Board and sent to Government of India for administrative approval.

5. *Guptakashi Power Project*—The Preliminary Estimate at an estimated cost of Rs.15,50,000 has been sent to Government of India for administrative approval. The execution of the scheme has however, been sanctioned pending approval by the Government of India.

6. *Badrinath and Kedarnath Power Project*—The Preliminary Estimates have been sent to Government of India for administrative approval. The work on the scheme has, however, been started.

7. *Power Schemes for Pipalkoti and Simlie in district Chamoli*—Preliminary Estimates for Pipalkoti at a cost of Rs.41,428 and Simlie at a cost of Rs.37,087 has been approved by the Government of India. The work at each of the places is continuing.

The State Electricity Board has prepared a revised Power Plan for taking up Schemes at 22 places and investigating 50 other Projects at an estimated cost of Rs.197.775 lakhs. The plan has been sent to Government of India for administrative approval.

## 7. DEVELOPMENT OF INDUSTRIES

### (A) Mineral Development

The Field operation and investigation of Asbestos was continued and a sum of Rs.40,000 was sanctioned for purchase of equipments such as Portable Rock Drilling Unit, Microptic Theodolite, Chemical, glassware and tentage, out of which Rs.33,000 were utilized.

### (B) Cottage and Small Scale Industries

Details of the progress achieved under various schemes are indicated below :

#### (i) Wool Development

(a) *Carding Plant*—Production of woollen goods is the chief cottage industry of this area. The carding plants set up at Dharchula (Pithoragarh District) and at Uttarkashi are used for carding departmental as well as private wool. The two carding plants carded 18,331.295 kg. of wool during the year 1964-65. Efforts are being made to procure a carding plant for Chamoli District also.

(b) *Jal Charkhas*—Thirty-four Jalcharkhas have been set up to promote fast and even spinning of woollen thread. They utilize water power available from the small springs for driving a shaft connected to 24 or more spindles to produce even yarn. Suitable carded wool is supplied from the carding plants. One thousand eight hundred and eighteen kg. of yarn was spun during the year under report. Buildings for all the thirty-four Jalcharkhas have almost been completed.

(c) *Wool Production Centre, Bin, Pithoragarh*—The centre has been established to assist the poor and indigenous weavers in the production of improved woollen goods to improve their earning capacity. Training facilities are provided to spinners and weavers. Efforts are being made to expand the wool production centre, Pithoragarh. Four hundred and fifteen spinners

and fourteen weavers were trained during the year under report. 1308.749 kg. of yarn was produced at this centre. Cloth worth Rs.31,234.15 was produced and worth Rs.42,882.94 was sold there.

(d) *Wool Utilization Centres*—Six wool utilization centres continued to function satisfactorily during the year. In Pithoragarh District finishing has been done to the extent of Rs.3,115 and in Chamoli District weaving has been done to the tune of Rs.850.00 during the year.

(e) *Finishing and Mobile Dye Houses*—Sixteen Finishing and Mobile Dye Houses continued to function effectively. Technical advice was given to 228 local people with a view to creating interest in them for regular spinning and dyeing. Goods worth Rs.17,222.17 were produced during the year under report.

(e) *Finishing and Mobile Dye Houses*—Sixteen Finishing and the two set up during the year, 1964-65, continued to function satisfactorily. These sale-depots have been set up for sale of goods produced at various centres.

### Buildings

Under this scheme the construction of the following buildings has been sanctioned so far :

Items	Estimated Cost	G. O. no. and date	Physical target
1	2	3	4
	Rs.		
(1) Wool Development :			
(a) <i>Carding Plant</i> —			
1. Carding and Finishing Plant at Pithoragarh.	22,000	4541/XXV—CXC, dated October 15, 1963.	50 %
2. Work shed at Training-cum-Production Centre in Namda Making at Pithoragarh.	10,000	4397-XXV—CXC, dated August 11, 1963.	75 %
3. Wool Carding Plant at Dharchula.	30,000	4569/XXXV, dated September 1, 1959.	Completed.
4. Wool Training-cum-Production Centre at Chamoli.	10,000	4689/XXV—CXB, dated August 19, 1961.	Do.

### (ii) Embroidery-cum-Knitting Carpet Making and Shawl Weaving Centres

The production of woollen goods by the women folk particularly amongst the Bhotias, has been widely popularised in respect of knitting, embroidering, carpet and shawl making. Twelve centres including one started under Tailoring-cum-Hosiery during the year 1962-63, continued to function effectively. Goods worth Rs.51,879.97 were produced during the year and goods worth Rs.26,106.18 were sold. Two Training-cum-production centres in Namda Making have been established in Pithoragarh and Uttarkashi. In Pithoragarh eight persons were trained. Goods worth Rs.4,024.73 were produced and goods worth Rs.1,821.13 were sold.

#### Buildings

Under this scheme the construction of the following buildings has been sanctioned so far :

Item	Estimated Cost	G.O. no. and date	Physical target
	Rs.		
1. Hosiery Shed and Chaukidar's quarter at Sirkha Pithoragarh).	8,550	5901/XXV CXB— dated March 19, 1961.	Completed.
2. Workshop for Embroidery-cum Knitting, Carpet making Centre at Pithoragarh.	24,700	3916/XXV—CXC— dated July 26, 1963.	40 %
3. Hosiery Shed and Chaukidar's Quarter at Dunda (Uttarkashi).	8,500	7589/XXV—CXC— dated January 14, 1964.	Completed.
4. Carding and Finishing Plant and Embroidery-cum-Knitting Centre at Uttarkashi.	53,300	7105/XXV—CXC— dated March 19, 1964.	3 %
5. Repair of Industrial Building at Harsil (Uttarkashi).	17,900	4540/XXV—CXC— dated October 10, 1963.	Completed.
6. Hosiery Shed and Chaukidar's Quarter at Munsiyari (Pithoragarh).	9,000	5901/XXV—CXC— dated March 16, 1961.	Do.

### (iii) Carpentry Centres

Two carpentry centres one at Bhuintala (Chamoli) and another at Uttarkashi were started in the year 1960-61. The third centre at Bin (Pithoragarh) was started in 1962-63. A sub-centre at Naugaon in Uttarkashi has also been established. In

addition, two such centres have been sanctioned during 1964-65, in this Division. These centres provide training facilities to local carpenters and manufacture furniture, wooden vessels, doors and windows, etc. During the year under report, sixty-six trainees received training in carpentry at these centres and furniture worth Rs.1,01,311.23 were manufactured during the year at these centres. The sale amounted to Rs.97,764.08 Paise.

### Buildings

Under this scheme the construction of the following buildings has been sanctioned so far :

Item	Estimated cost	G.O. no. and date	Physical target
1. Carpentry Centre Bin, Pithoragarh	Rs. 1,27,500	8565-XXV/CXC, dated December 29, 1962.	80 %

### (iv) Service Centres for Farms and Agricultural implements and Metal Industries

The Division is famous for the manufacture of indigenous copper and brass utensils. The blacksmiths follow their hereditary professions and manufacture agricultural implements like plough and sickles for local use. In order to organise this local industry on a more systematic pattern and to provide suitable training to blacksmiths, etc. two service centres one at Uttarkashi and another at Chamoli were set up during 1963-64. They have started functioning. The items like angethies, buckets, trunks, etc. are being manufactured. Goods worth Rs.6,331.71 were produced and goods worth Rs.5,886.20 paise were sold at both the centres during the year under report. One more such centre at Pithoragarh has been sanctioned during 1964-65.

### (v) Ringal Utilization Centre, Chamoli

Under this scheme two training-cum-production centres one at Bhintala and the other at Dhunarghat continued to function effectively. Articles worth Rs.1,668.70 were manufactured and sale to the tune of Rs.852.09 Paise has been effected during the year. Ringal and wood work centre at Jauljibi (Pithoragarh) manufactured articles worth Rs.336.00 while the sale

worth Rs.320.81 Paise has been done during the year under report.

**(vi) Award of stipends and scholarships to candidates [for technical training**

This division does not provide any institution for technical and vocational training so far. Therefore, under this scheme stipends and scholarships are awarded to suitable local students to encourage them to join the technical institutions in other hill districts and the plains. An amount of Rs.58,920.00 has been awarded to the trainees receiving technical training in the various technical institutions and centres during the year under report. In all a sum of Rs.82,000 has been sanctioned for all the three districts under this scheme during the year 1964-65.

**(vii) Loan for Small Scale Industries**

This scheme envisages the distribution of suitable loans to the interested people for starting new small-scale and cottage industries in the three districts. This scheme is calculated to encourage employment of increasing numbers of local people. Out of an allotment of Rs.2,55,000 a sum of Rs.1,55,000 has been distributed to the private entrepreneurs and interested persons for the development of small-scale industries in this division during the year under report.

**(C) Herb Development**

This scheme continued to operate in the four border blocks viz. Dharchula, Munsiyari, Joshimath and Bhatwari. It is felt that systematic collection of herbs can form a dependable source of supplementary income to the local people. Domestication and cultivation programme under this scheme have accordingly been extended to nine development blocks (3 in Pithoragarh, 4 in Chamoli and 2 in Uttarkashi) at the close of the year 1964-65. With a view to providing technical know-how to the villagers through practical demonstrations, one demonstration unit has also been sanctioned to be established at the headquarters of each district.

In Pithoragarh District cultivation of herbs and other medicinal plants of commercial nature is being done in the three drug farms at Balanti, Quenti and Sirkha. 5.135 kg. herb seeds was produced during the year in that district. In

Chamoli District the following drugs are under experimental stage and are expected to give better revenue to the department when they come to productional stage :

1. Digitalis Lanata
2. Digitalis purpurea
3. Atropa Belladana
4. Acconitun Hytrophulm
5. Phyrethrum
6. Hysomus Nigar
7. Metricares Chemomula
8. Acconitum Napplinesis.

Besides, 55 Co-operative Societies participated in the herb development programme during 1964-65. 228.35 quintals of graded herbs were collected and marketted by 1909 drug collectors drawn from these societies. Under the two months' stipendary training programme 160 persons were imparted suitable training. 978 drug collectors were initiated in the techniques of proper collection, storage and marketting of drugs in specially arranged camps. 40 officials were given two months extensive training at Pharmaceutical Laboratories during 1964-65.

### 8. TRANSPORT AND COMMUNICATION

The region now known as Uttarakhand Division had been most backward till the end of the II Plan period in the means of transport and communications. At that time there existed only 245 miles of motorable roads. Motor roads involved heavy cost in construction and a great deal of difficulty in maintenance. Even bridle tracks were inadequate and these too remained open only in fair weather.

It was realised that the success of any development plans chalked out for the region would be primarily dependent on the proper development of means of communications. Construction of 7 lateral motor roads known as the roads of economic importance was, therefore, undertaken immediately on the creation of the Uttarakhand Division in 1960. Then the Uttarakhand III Five-Year Plan was drawn up, under which maximum emphasis was laid on the communications scheme.



Out of the total Third Plan outlay of Rs.28 crores, an amount of Rs.12.50 crores was earmarked for the Communications Scheme alone. Several road and bridge projects based on the felt needs of the area including the 7 lateral motor roads of economic importance taken together estimated to cost Rs.17.50 crores approximately were included in the Scheme under the Third Plan. It was envisaged that work worth Rs.12.50 crores approximately would be completed during the Third Plan period leaving a spill-over of about Rs.5 crores for the Fourth Plan.

Due to various factors not much progress could, however, be achieved during the first 2 years of the Third Plan period. By 1963-64 the entire staff having been put up in position, having gained adequate experience of the region and having completed all preliminary work, the work gained momentum and a high tempo was created. The work has since then been progressing at a commendable speed and efforts are continuing to cover up the deficiency of the first 2 years. It is to be hoped that the progress of work during the last year of the current Plan would be all the more heartening.

The expenditure incurred during the first 4 years of the Third Plan period year-wise is indicated below :

Year	Expenditure in lakhs of rupees			
1961-62 .. .. .	..	..	..	95.97
1962-63 .. .. .	..	..	..	120.44
1963-64 .. .. .	..	..	..	273.56
1964-65 .. .. .	..	..	..	322.18
Total .. .. .	..	..	..	812.15

The physical progress achieved during the first 4 years is similarly given below :

Item of work	Unit	Physical progress achieved during			Pro- gressive total
		1961-63	1963-64	1964-65	
I. Motor Roads—					
A—New Construction—					
(i) Cutting .. .. .	Mile	296-7	82-2	85-7	465-0
(ii) Collection .. .. .	..	49-7	140-3	211-0	401-2

Item of work	Unit	Physical progress achieved during			Pro- gressive total
		1961-63	1963-64	1964-65	
(iii) Consolidation ..	Mile	29-0	102-2	136-0	267-2
(iv) Painting ..	..	..	..	1-0	1-0
<i>B—Improvement etc.—</i>					
(i) Widening ..	..	1-3	96-2	52-7	150-7
(ii) Collection ..	..	2-4	46-6	105-4	154-6
(iii) Consolidation ..	..	..	15-1	79-0	94-1
(iv) Painting ..	..	..	..	1-0	1-0
2. Bridle Roads—					
(i) New Construction ..	..	28-4	41-1	34-5	104-2
(ii) Improvement etc. ..	..	147-0	15-7	2-4	165-4
3. Bridges—					
(i) On motor roads ..	Number	1	2	4	7
(ii) On bridle roads ..	..	3	1	3	7

Besides, the Antarim Zila Parishad bridle roads and bridges in the entire Uttarakhand Division were in a bad state of repairs. The Antarim Zila Parishad had no finances to maintain them satisfactorily. A scheme to render an *ad hoc* financial assistance by way of grant-in-aid to the 3 Antarim Zila Parishads was, therefore, drawn up and grants amounting to Rs.2 lakhs during the year 1963-64 and Rs.4 lakhs during 1964-65 were released under this scheme.

One of the bottlenecks experienced due to which the progress was hampered was non-availability of road rollers and transport carriers. The 23 road rollers arranged for purchase during 1962-63 could not be received in full until close of the year 1964-65. Similarly sanction for purchase of 36 additional diesel trucks sought from the Government of India was not received during the year.

There also arose the problem of acute labour shortage. Local labour was far too inadequate to meet the requirements of the heavy construction programme undertaken. Labour

had, therefore, to be imported from outside the region to overcome the problem. They, however, in the beginning took some time to get acclimatised to the area. Special arrangements had to be made for supply of ration to the imported labour. There is also great shortage of cement. No tangible results could so far be obtained to get over this difficulty despite persistent efforts. It has yet to be solved effectively.

## 9. EDUCATION

*Government Primary Schools*—During the year under report only 50 Government Primary Schools were opened. This raised the number of such Primary schools in Uttarakhand Division to 416. The new primary schools have been provided with necessary teaching aids, equipments, furniture, etc. and are functioning satisfactorily. Financial assistance for purchasing books etc. to poor and deserving students at the rate Rs.20 per school was continued.

*Buildings*—During the year 1964-65 construction of 50 new Primary schools (25 in Pithoragarh, 15 in Chamoli and 10 in Uttarkashi) was sanctioned. The expenditure on the construction of these schools, for the completion of the schools sanctioned in the last years and the repairs of the schools amounted to Rs.4,67,022 as detailed below :

				Rs.
Pithoragarh	..	..	..	1,65,000
Chamoli ..	..	..	..	1,02,022
Uttarkashi	..	..	..	2,00,000
		Total	..	<u>4,67,022</u>

*Grant-in-aid to non-Government Primary Schools*—Non-recurring grant-in-aid amounting to Rs.5.77 lakhs was sanctioned to Antarim Zila Parishads Pithoragarh/Chamoli/Uttarkashi to enable them to meet the expenditure on employing additional teachers in the schools run by them to cope with the increased enrolment and also for carrying special repairs to old buildings and construction of new buildings for such schools in the same scale as adopted in the Government schools.

During the year the following steps were taken to encourage girls education on the analogy of the schemes included in the State Education Plan :

(a) The school mothers were appointed in certain mixed primary schools to escort girl students from and to their homes and also to attend them during the school hours.

(b) In order to encourage women teachers to take up appointment in Junior and Senior Antarim Zila Parishad Basic schools located in rural areas non-recurring grant of Rs.9,395.00 was sanctioned to Antarim Zila Parishads Pithoragarh/Chamoli/Uttarkashi. This allowance was not sanctioned to teachers in Government Primary schools because they are already in receipt of Border Special Pay.

## II. MIDDLE EDUCATION

1. *Government Junior High Schools*—During the year 1964-65 six new Government Junior High Schools were opened. In addition to these, 58 Government Junior High Schools also continued to function during the year.

*Buildings*—The following building programme has so far been sanctioned under this scheme :

Work and Location	Estimated cost	G. O. No. and Date	Physical Progress
<i>Construction of building for Junior High School at—</i>			
(a) CHAMOLI			
	Rs.		
1. Phata .. ..	80,000	4644-XXV-CXB-dated July 17, 1960.	Completed.
2. Chamoli .. ..	80,000	1597-XXV-CXC-dated July 11, 1962.	Do.
3. Kotima] .. ..	94,100	4169-XXV-CXC-dated September 21, 1962.	Do.
4. Temporary accommodation for J. H. S. Kotima.	3,000	4177-XXV-CXC-dated September 21, 1962.	Do.
5. Gopeshwar (Girls) ..	96,700	1474-XXV-CXC, dated October 23, 1962.	Do.
6. Ghat .. ..	80,000	4357-XXV-CXC-dated November 19, 1962.	Do.
7. Narain Bagar .. ..	80,000	Ditto.	Do.

Work and Location	Estimated cost	G. O. No. and Date	Physical Progress
			Per cent.
8. Bachuaban .. .. .	80,000	4357-XXV-CXC-dated November 19, 1962.	Completed
9. Joshimath (Girls) .. .. .	80,000	341-XXV-CXC-dated March 7, 1963.	Do.
10. Langsi .. .. .	1,15,000	2720-XXV-CXC-dated July 8, 1963.	40
11. Garur .. .. .	1,36,000	1866-XXV-CXC-dated July 8, 1963.	80
12. Hostel for J. H. S. at Mona	12,000	4076-XXV-CXC-dated August 31, 1963.	Under construction.
13. Hostel for J. H. S. at Garur	12,000	4076-XXV-CXC-dated August 31, 1963.	Do.
14. Hostel for J. H. S. at Gurgaon.	12,000	Ditto	Do.
15. Hostel for J. H. S. at Marsoom.	12,000	Ditto ..	Do.
16. Hostel for J. H. S. at Adbadri	12,000	Ditto ..	Do.
17. Hostel for J. H. S. at Bachuaban.	12,000	Ditto ..	Do.
<i>(b) PITHORAGARH—</i>			
<i>Construction of Junior High School at—</i>			
1. Khet .. .. .	80,000	4812-XXV-CXC-dated November 1, 1960.	Completed.
2. Dharchula .. .. .	52,000	1068-XXV-CXC-dated Februry 28, 1961.	Do.
3. Pokhari (Girls) .. .. .	1,13,500	5367-XXV-CXC-dated November 13, 1963.	55
4. Pipli .. .. .	92,000	3012-XXV-CXC, dated September 29, 1962.	Completed.
5. Madkote .. .. .	1,27,400	5373-XXV-CXC-dated December 3, 1963.	55
6. Tejam .. .. .	1,14,000	5368-XXV-CXC-dated December 3, 1963.	40
7. Gunji Dharchula .. .. .	2,48,000	4167-XXV-CXC-dated October 17, 1962.	70
8. Paiya Pauri Mala Askot .. .. .	1,00,000	2956-XXV-CXC-dated July 10, 1964.	Completed.

Work and Location	Estimated cost	G. O. No. and date	Physical Progress
(c) UTTARKASHI—			Per cent.
<i>Construction of building for J. H. S. at—</i>			
1. Mangni .. ..	94,500	1350-XXV-CXC-dated April 28, 1962.	Completed.
2. Naugaon .. ..	86,300	2462-XXV-CXC-dated June 10, 1962.	95.5
3. Dunda .. ..	80,000	2515-XXV-CXC, dated June 10, 1962.	Completed
4. Khandari .. ..	1,19,000	2936-XXV-CXC-dated July 29, 1962.	95
5. Geonala (Hostel building)	11,750	1015-XXV-CXC-dated March 16, 1963.	Under construction.
6. Banchaura .. ..	1,07,000	2167-XXV-CXC-dated July 21, 1962.	98
7. Junior High School at Jogath	1,30,000	6177-XXV-CXC-dated March 9, 1964.	19
8. J. H. S. at Bhatiyara ..	1,30,000	Ditto ..	Do.
9. School and Hostel building at Barethi.	33,550	3553-XXV-CXC-dated August 13, 1963.	Under construction.
10. School and Hostel building at Rera.	33,550	Ditto ..	Do.
11. School and Hostel building at Dhobalgaon.	33,550	Ditto ..	Do.
12. Hostel for J. H. S. at Manari	11,800	4820-XXV-CXC-dated August 21, 1963.	Do.
13. Hostel for J. H. S. at Dunda	11,800	Ditto ..	Do.
14. Hostel for J. H. S. at Rajgarhi.	11,800	Ditto ..	Do.
15. J. H. S. at Naitwar (Uttarkashi).	1,07,960	4301-XXV-CXC-dated August 16, 1963.	90

## II. Grant-in-aid to recognised non-Government Junior High Schools

Non-recurring grant-in-aid amounting to Rs.77,400.00 to 7 Antarim Zila Parishad Junior High Schools and Rs.76,000.00 to 26 privately managed Junior High Schools was sanctioned during the year 1964-65 for various purposes.

### III. H. T. C. Schools

The two H. T. C. schools at Gauchar (Chamoli) and Didihat (Pithoragarh) alongwith a Model Practising school sanctioned during the year 1963-64 continued to function satisfactorily. The proposal for opening one more H. T. C. school is under consideration of Government. Six seats in each of the H. T. C. schools situated in Hill areas have, however, been reserved by Shiksha Vibhag for untrained teachers of Uttarkashi district.

*Buildings*—The building construction programme approved so far and the progress of work is indicated below :

Item	Estimated cost	G. O. no. and date	Physical progress
1. Normal School at Didihat (Pithoragarh).	9,45,000	3576-XXV-CXC, dated September 11, 1963.	43 per cent.
2. Hostel for Government Normal School at Gauchar (Chamoli).	48,000	7046-XXV-CXC, dated August 31, 1963.	Under construction.

### Secondary Education

(a) *Government Higher Secondary Schools*—The High School classes running in 15 Government institutions continued to function effectively. Additional section/classes were opened in the following institutions during 1964-65 to cope with the increased enrolment.

Serial no.	Existing classes	New classes	Additional sections
<b>PITHORAGARH</b>			
1.	Government Higher Secondary School, Dharchula (IX Arts and Science).	X Arts and Science	
2.	Government Higher Secondary School, Kanalichina (IX Arts and Science).	X Arts and Science	..
<b>CHAMOLI</b>			
1.	Government H. S. S., Gairsain (IX Arts)	X Arts	VI class
2.	Government H. S. S., Gopeshwar (IX-X Arts and Science).	..	IX class
3.	Government H. S. S., Talwari (IX-X Arts and Science)	..	X class
4.	Government H. S. S., Nagnath (IX Arts and Science).	X Arts and Science	..
<b>UTTARKASHI</b>			
1.	Government H. S. S., Uttarkashi (IX-X Arts and Science and IX Commerce)	X Commerce ..	..

During the year two new Government Higher Secondary Schools were opened and three Government Junior High Schools were upgraded to High School standard. One Antarim Zila Parishad Junior High School was also provincialised and upgraded to High School standard. With a view to giving emphasis to the teaching of Agriculture in Government Higher Secondary Schools IX class Agriculture was introduced in Government Higher Secondary School Chinyalisaur in Uttarkashi District. Proposal to introduce this subject as a course of study in other institutions where facilities regarding land and water etc. are available is still being examined.

*Buildings*—The building construction programme approved so far and the progress of the work is given below :

Item	Estimated cost	G. O. no. and date	Physical progress
	Rs.		Percent.
1. Chinka (Chamoli)	3,22,700	1943-XXV/CXC—, dated July 28, 1962.	50
2. Gauchar (Girls) (Chamoli)	18,700	1060-XXV/CXC—, dated March 8, 1963.	Completed.
3. Additional accommodation and repairs of Government H. S. S. at Gopeshwar (Chamoli).	96,000	2427-XXV/CXC—, dated June 12, 1963.	98
4. Hostel accommodation for H. S. School, Talwari (Chamoli).	15,000	1091-XXV/CXC—, dated April 4, 1963.	Under construction.
5. H. S. School at Chinyalisaur (Uttarkashi).	2,48,000	2316-XXV/CXC—, dated July 10, 1962.	Completed.
6. H. S. School at Bhatwari (Uttarkashi).	3,50,000	2168-XXV/CXC—, dated July 28, 1962.	88
7. Additional wing for H. S. School, Bhatwari (Uttarkashi).	64,000	1755-XXV/CXC—, dated April 20, 1963.	95
8. H. S. School at Rajgarhi (Uttarkashi).	3,88,000	1446-XXV/CXC—, dated March 20, 1963.	Nil



Item	Estimated cost	G. O. no. and date	Physical progress
	Rs.		percentage.
9. H. S. School (Girls) at Uttarkashi.	5,28,000	4527-XXV/CXC—, dated November 9, 1962.	Land not available.
10. H. S. School, Purola (Uttarkashi).	3,90,000	6264-XXV/CXC—, dated January 18, 1963.	25
11. Supply of water to H. S. School, Purola (Uttarkashi).	46,400	6468-XXV/CXC—, dated October 30, 1963.	Under construction.
12. H. S. School at Dhar-chula (Pithoragarh).	3,75,100	3907-XXV/CXC—, dated August 28, 1963.	40
13. Four temporary class rooms for H. S. School, Rajgarhi (Uttarkashi).	36,000	6468-XXV/CXC—, dated October 30, 1963.	Completed.
14. Hostel for H. S. School, Bhatwari (Uttarkashi).	11,800	5481-XXV/CXC—, dated October 9, 1963.	Under construction.
15. Temporary shed for J. H. School (Girls) for raising to Government H. S. School at Uttarkashi.	60,000	2690-XXV/CXC—, dated May 13, 1963.	Completed.

*Government Intermediate Colleges*—All the nine Government Intermediate Colleges continued to function effectively. During the year two private institutions viz. Intermediate College, Berinag and Public Intermediate College, Augustmuni were provincialised. Additional classes were sanctioned during 1964-65 in certain colleges as indicated in column 2 below :

Existing classes	New classes
<b>PITHORAGAPH</b>	
1. Govt. Inter College, Munsiyari (XI/XII Arts & XI Science)	XII Science.
<b>CHAMOLI</b>	
1. G. I. C., Joshimath (XI/XII Arts & XI Science)	XII Science.
2. G. I. C., Copeshwar (XI/XII Arts & XI Science)	XII Science.
3. G. I. C., Karanprayag (XI/XII Arts & Science) Manual Training	X Commerce and Manual Training.

*Buildings*—The following building programme approved so far and progress of work is given below :

Item	Estimated cost	G. O. no. and date	Physical progress
	Rs.		Per cent.
1. Play ground for G. I. C. at Karanprayag (Chamoli).	71,000	5774-XXV/CXC—, dated January 14, 1965.	70
2. Upgrading of existing Government H. S. School at Gopeshwhwar.	8,13,000	2968-XXV/CXC—, dated July 22, 1963.	50
3. Upgrading of Government H. S. School to G. I. C., Joshimath (Chamoli).	6,10,000	481-XXV/CXC—, dated March 2, 1964.	Nil.
4. Upgrading of Government H. S. School to G. I. C., Chinka (Chamoli).	2,38,000	1447-XXV/CXC—, dated August 20, 1963.	60
5. Temporary shed for G.I.C., Chinka (Chamoli).	35,000	1112-XXV/CXC—, dated June 10, 1963.	Completed.
6. Improvements and additions to G. I. C., Pithoragarh.	7,58,600	48-XXV/CXC—, dated May 21, 1963.	59
7. G. I. C. for Girls at Pithoragarh.	1,70,000	3369-XXV/CXC—, dated August 21, 1962.	80
8. G. I. C., Uttarkashi ..	3,67,000	1109-XXV/CXC—, dated July 22, 1962.	20
9. Sheds for Laboratory at G. I. C., Uttarkashi.	38,000	3188-XXV/CXC—, dated May 4, 1961.	Completed.

#### P.S.D./N.C.C./A.C.C. Schemes

P. S. D./N. C. C./A. C. C. schemes continued in schools, colleges of Pithoragarh and Chamoli during 1964-65. In Uttarkashi N. C. C./A. C. C. scheme was also introduced in Government Intermediate College, Uttarkashi and all Higher Secondary schools except Government Higher Secondary Schools, Arakot and Thati Dhanari which were recently upgraded from the Junior High School standard.

### Grants-in-aid to private Higher Secondary Schools and Intermediate Colleges

Non-recurring grant-in-aid amounting to Rs.15,000.00 was sanctioned to Higher Secondary School, Devalthal for purchase of Science equipments and construction of Science block. Another Rs.80,500 was also sanctioned as non-recurring grant to other privately managed schools for various purposes.

### University Education

In Pithoragarh Degree College B. A. IInd year classes in Arts subjects were opened with effect from July 1, 1964. Proposal to start B. Sc. classes from July next in the above college is under active consideration of Government.

The matter regarding opening of a Degree College at Chamoli is still under correspondence with Government of India. The college is therefore expected to be opened with effect from July 1966.

*Buildings*—The following building programme has so far been taken into hand :

Item	Estimated cost	G.O. no. and date	Physical progress
1. Minor additions and alterations to Degree College, Pithoragarh.	20,000	3171-XXV/CXC, dated June 20, 1963.	Main shed completed.

### (vi) Other Schemes

(a) *District Library*—The District Libraries at Pithoragarh and Uttarkashi continued to function satisfactorily. A total amount of Rs.7,600 was sanctioned during the year for purchase of books and almirahs and periodicals etc. for Pithoragarh Library. The District Library building in Chamoli has been completed. The District Library will start functioning in this building with effect from July 1965.

*Buildings*—The following building programmes have so far been taken into hand :

Item	Estimated cost	G. O. no. and date	Physical progress
1. District Library, Pithoragarh.	90,700	5701-XXV/CXC, dated May 15, 1962.	Under construction.
2. District Library, Gopeshwar (Chamoli)	1,07,000	2003-XXV/CXC, dated July 28, 1962.	Ditto.
3. District Library, Uttarkashi.	1,00,000	2282-XXV/CXC, dated February 22, 1963.	Ditto.

(b) *Excursion tours*—A total sum of Rs.31,725.00 (Pithoragarh—Rs.13,200, Chamoli—Rs.14,025, Uttarkashi—Rs.4,500) was sanctioned during the year for excursion tour of students reading in High School and Intermediate colleges in Uttarakhand Division.

(c) *Scholarships for higher and technical studies outside Uttarakhand Division*—A sum of Rs.2.12 lakhs (Pithoragarh—Rs.1.00 lakhs Chamoli—Rs.90,000, Uttarkashi—Rs.22,000) was sanctioned during 1964-65 for grant of stipends to students pursuing higher and technical studies/courses outside the Uttarakhand Division. Suitable stipends also continued to be given to poor and deserving students reading in Junior High Schools and Intermediate colleges located within the Uttarakhand Division, as in the previous year.

(d) *Grant-in aid to private aided Sanskrit Pathshalas*—A non-recurring grant of Rs.53,406.00 was also sanctioned to Sanskrit Pathshalas during the year under report.

## 10. DRINKING WATER SUPPLY, DRAINAGE AND SANITATION SCHEMES

(1) The Drinking Water Supply Schemes are entrusted to the Local Self-Government (Engineering) Department, Irrigation Department and the Block Agency in the three Border districts to ensure expeditious and economic construction.

(a) The Local Self-Government (Engg.) Department had been entrusted with major schemes particularly in urban areas. The work on the following schemes continued to make steady

progress during 1964-65 and some of them have been completed as indicated below :

Sl. no.	Name of Scheme	Estimated cost	Remarks
<b>PITHORAGARH DISTRICT</b>		<b>Rs.</b>	
1.	Pithoragarh Town Water Supply ..	5,26,500	Work completed.
2.	Wada Town Water Supply ..	65,400	Ditto.
3.	Didihat Town Water Supply ..	48,000	Ditto.
4.	Water Supply to Berinag and adjoining villages.	3,67,000	Ditto.
5.	Askot Town Water Supply ..	2,36,500	Work continuing.
6.	Water Supply to 17 villages of Block Kanalichhina and Gangolihat.	6,40,000	Ditto.
7.	19 Villages in Block Berinag and Munsiri.	8,71,000	Ditto.
<b>CHAMOLI DISTRICT</b>			
1.	Chamoli Town Water Supply Phase-I-III	1,31,100	Work completed.
2.	Gopeshwar Town Water Supply ..	2,95,100	Ditto.
3.	Scheme for 17 places on Badrinath-Kedarnath Route.	3,00,000	Ditto.
4.	Nandprayag Town Water Supply ..	54,410	Ditto.
5.	Belakuchi Town Water Supply ..	17,650	Ditto.
6.	Joshimath Town Water Supply ..	2,80,150	Ditto.
7.	Tapowan Town Water Supply ..	55,500	Ditto.
8.	Karanprayag Town Water Supply ..	2,05,000	Work completed.
9.	Water Supply to 12 villages in Block Gairsain.	3,38,000	Work continuing.
10.	Ukhimath Town Water Supply ..	1,37,000	Work continuing.
11.	Pandukeshwar Town Water Supply ..	45,200	Work completed.
12.	Villages Kauti, Tathi, Sitapur, Bhut-punga.	49,000	Ditto.
13.	Mayapur Town Water Supply ..	91,800	Work continuing.
14.	Badrinath Town Water Supply ..	4,31,600	Ditto.

Sl. no.	Name of Scheme	Estimated cost	Remarks
UTTARKASHI DISTRICT			
1.	Bhatwari Town Water Suplpy ..	1,45,500	Work completed.
2.	Uttarkashi Town Water Supply—		
	Phase I .. ..	2,03,500	Ditto.
	Phase II .. ..	2,28,000	Work continuing.
3.	Water Supply to Chatties on Gangotri-Yamunotri Route.	4,00,000	Ditto.
	Total ..	60,92,710	

(b) The Irrigation Department had been entrusted with major schemes particularly in rural areas. The work on the following schemes continued to make steady progress :

Sl. no.	Name of Scheme	Estimated cost	Remarks
1	2	3	4
1.	Water Supply to villages on Gangotri-Yamunotri Route.	2,67,000	Work completed.
2.	Water Supply to Dharchula ..	1,26,000	Ditto.
3.	Gangolihat Water Supply ..	1,79,867	Ditto.
4.	Munsiari Water Supply ..	95,270	Work continuing.
5.	Project for 24 nos. in Chamoli ..	5,11,800	Ditto.
6.	Project for 16 nos. in Uttarkashi ..	2,37,671	Ditto.
7.	Project for 5 nos. in Pithoragarh ..	1,50,800	Ditto.
8.	Project for 22 nos. in Uttarkashi ..	3,28,335	Ditto.
9.	Project for 58 nos. in Chamoli ..	10,78,000	Ditto.
	Total	29,74,943	

(c) *Block Agency*—Small and scattered water supply schemes largely for individual villages costing less than Rs.15,000 each have been directed to be executed by the Development Block Agency under the supervision of the District Magistrate concerned. Efforts are made to ensure that a portion of the

expenditure is met by people's contribution. An amount of Rs.11,82,940 was spent on these schemes in the three districts during 1964-65.

The schemes completed in the Border districts are indicated below :

Pithoragarh	..	135	Drinking Water supply.
Uttarkashi	..	28	Ditto.
Chamoli ..	..	133	Ditto.
Total		<u>296</u>	

(II) *Drainage Schemes*—With a view to provide drainage facilities in the Boarder Area following drainage-cum-sewerage schemes are executed through the Local Self-Government (Engineering) Department for execution. The progress of each scheme during 1964-65 is indicated below :

Sl. no.	Name of Scheme indicating location	Estimated cost	Remarks
1	2	3	4
1.	Pithoragarh Town Drainage Scheme	2,10,000	Work completed.
2.	Pithoragarh Town Extension Scheme	4,28,500	Work continuing.
3.	Uttarkashi Town Drainage Scheme ..	2,35,600	Work completed.
4.	Bhatwari Town Drainage Scheme ..	2,17,250	Work continuing.
5.	Takana Town Drainage Scheme ..	2,10,400	Ditto.
6.	Joshimath Town Drainage Scheme ..	6,43,000	Ditto.
7.	Dharchula Town Drainage Scheme ..	2,88,400	Ditto.
8.	Gopeshwar Town Sewerage Scheme ..	4,73,000	Ditto.
9.	Chamoli Town Drainage Scheme ..	2,39,500	Ditto.
	Total ..	<u>29,45,650</u>	

The work on these schemes continued to make steady progress during 1964-65. Karanprayag Drainage Scheme costing Rs.1,23,303 was entrusted to the Irrigation Department for expeditious execution.

(III) *Sanitation Schemes*—Small schemes are executed through the agencies of the District Magistrates and major schemes are executed through the Local Self-Government Engineering Department.

(i) A sum of Rs.13,140 was placed at the disposal of the District Magistrate, Chamoli for providing electric lights in the urinals and latrines in the district. The work continued to make steady progress.

(ii) *Local Self-Government Engineering Department*—Following Sanitation schemes were entrusted to the Local Self-Government Engineering Department for execution :

Name of the Scheme and location	Estimated cost	Remarks
1	2	3
1. Pithoragarh Sanitation Scheme ..	5,34,600	Work continuing.
2. Uttarkashi Sanitation Scheme ..	3,32,000	Ditto.
3. Chamoli Sanitation Scheme ..	4,51,500	Ditto.
Total ..	13,18,100	

The work on these schemes continued to make steady progress, during the year 1964-65. A scheme costing to Rs.58,200 for construction of sanitary latrines in village Dadon, district Chamoli was also entrusted to the Local Self Government Engineering Department for execution. The work on this scheme also continued to make steady progress.

## 11. MEDICAL AND PUBLIC HEALTH

### (1) Improvement and extension of allopathic hospitals/dispensaries including establishment of new dispensaries

The three district headquarters hospitals at Pithoragarh, Chamoli and Uttarkashi continued to function effectively equipped with Medical, Surgical, X-Ray, Diathermy, Pathology and Blood Transfusion facilities. The following staff continued to work during 1964-65 and sanctions for recurring and



non-recurring items of hospital requirements have been as under :

BEDS	District Hospital Pithoragarh		District Hospital Chamoli	District Hospital Uttarakashi	Total
	Badri-dath Pande Hospi-tal	Hargo-vind Pant Mahila Hospital	Male 24 Female 8	Male 8 Female 6	
1	2	3	4	5	6
<i>I—Staff—</i>					
1. P. M. S. I (Rs.250—700)..	1	..	..	1	2
2. Pathologist (Do.) ..	1	..	1	..	2
3. P. M. S. II(Rs.235—600)..	..	..	1	1	2
4. P.M.S. II (Women)—(Do.)	..	..	1	..	1
5. Compounders— (Rs. 75—120) ..	2	1	3	3	9
6. X-Ray Technician (Rs.75—120) ..	1	..	1	1	3
7. Lab. Asstt. (Do.) ..	1	..	1	1	3
8. Dark Room Asstt. (Rs.75—120) ..	1	..	..	..	1
9. Staff Nurse (Rs.75—150) ..	3	1	..	..	4
10. Midwife (Rs.45—100) ..	..	..	..	2	2
11. Dresser (Rs.45—65) ..	3	2	1	..	6
12. Dai (Rs.27—32) ..	1	2	2	1	6
13. Ward Boy/Aya (Do.) ..	2	2	4	5	13
14. Nursing Orderly (Rs.25—40) ..	2	..	2	1	5
15. Lab. Attendant (Rs.27—32)	1	..	1	..	2
16. Electrical & Mech. Foreman (Rs.125—200) ..	1	..	..	..	1
17. Engine Mistry (Rs.45—100)	1	..	1	1	3

	District Hospital, Pithoragarh		District Hospital, Chamoli	District Hospital, Uttarkashi	Total
	Badrinath Pande Hospital	Hargovind Pante Mahila Hospital	Male 24 Female 8	Male 8 Female 6	
Beds	25	16			
1	2	3	4	5	6
18. Storekeeper (Rs.60—110) ..	1	..	1	1	3
19. Driver (Rs.45—65) ..	1	..	1	1	3
20. Cleaner (Rs.27—32) ..	1	..	1	1	3
21. Servant (Do.) ..	2	..	4	2	8
23. Sweepers (Do.) ..	4	3	5	3	15
23. Chaukidars(Do.) ..	1	1	1	..	3
24. Cook (Do.) ..	..	1	..	1	2
25. Kahar (Do.) ..	1	1	1	1	4
26. Dhobi (Do.) ..	1	1	1	1	4
27. Bhishti (Do.) ..	..	..	1	..	1
28. Mali (Do.) ..	..	..	1	..	1
<i>II—Travelling Allowance</i> ..	4,000	2,000	4,000	4,000	14,000
<i>III—Contingencies :</i>					
RECURRING—					
Medicines, Bedding/clothing, diet of patients, X-Ray Films, Surgical dressings and miscellaneous including transportation charges etc.	67,000	33,000	54,000	49,500	2,03,500
NON-RECURRING—					
Furniture, equipment, Tents, Body building of Jeeps, etc.	9,900	..	24,400	5,200	39,500
Total ..	80,900	35,000	82,400	58,700	2,57,000

The following Branch Allopathic dispensaries/compounder units continued to function :

	Pithoragarh District	Chamoli District	Uttarakashi District
1	2	3	4
Regular Dispensaries.	1. Munsiyari 2. Sosa 3. Tejam 4. Dharchula	1. Ukhimath 2. Pokhrinagnath 3. Augustmuni 4. Tharali 5. Phata 6. Joshimath 7. Karanprayag	1. Harsil. 2. Purola. 3. Dunda. 4. Bhatwari. 5. Barkot.
Seasonal Dispensaries.	..	1. Badrinath 2. Kedarnath 3. Ghat 4. Jhelam	..
Static Dispensaries (Under Mobile Dispensary Scheme)	(i) Sain/polo/ Milam	(i) Gopeshwar .. ..	(i) Arakot.
Provincialised Dispensaries.	(i) Askote	.. (1) Gairsain (Lohaba) (2) Ghimtoli	
Compounder Units.	1. Khela 2. Barave (63-64) 3. Bankote (63-64) 4. Barabisi (63-64) 5. Jakhpuran (1963-64) 6. Gaurihat (63-64) 7. Dugtu (not started, (63-64)	1. Urgan 2. Pandu- keshwar (62-63) 3. Gauchar (62-63) 4. Pipalkoti (1962-63) 5. Guptakashi (63-64) 6. Gwaldam (64-65)	(i) Neelong.
Total ..		40	

The total number of allopathic units including the three district hospitals was thus 43 by the end of 1964-65. The following staff and funds were provided to these units during 1964-65 (excluding the three district hospitals) :

Post/item	District Pithoragarh Number Amount	District Chamoli Number Amount	District Uttarkashi Number Amount	Total Number Amount
1	2	3	4	5
<i>I—Staff—</i>				
1. P.M.S. Officers (Rs. 235—600)	3	3	2	8
2. Compounders (Rs. 75—120)	10	9	2	21

Post/Item	District Pithoragarh Number Amount	District Chamoli Number Amount	District Uttarkashi Number Amount	Total Number Amount
1	2	3	4	5
3. X-Ray Technician (Rs. 75—120).	..	2	..	2
4. Midwives (Rs. 45—100) ..	..	1	1	2
5. Dai (Rs. 22—27) ..	2	11	4	17
6. Dresser (Rs. 45—65) ..	1	1	..	2
7. Ward Boy/Aya (Rs. 22—27)	5	12	..	17
8. Nursing orderly (Rs. 25—40)	5	8	6	19
9. Driver (Rs. 45—65) ..	..	1	..	1
10. Clearner (Rs. 22—27) ..	..	1	..	1
11. Servants (Rs. 22—27) ..	10	2	3	15
12. Sweepers (Rs. 22—27) ..	6	7	..	13
13. Sweeper-cum-Chaukidar (R. 22—27).	1	3	1	5
14. Chaukidar (Rs. 22—27) ..	4	8	..	12
15. Cook (Rs. 22—27) ..	4	7	4	15
16. Kahar (Rs. 22—27) ..	..	..	..	..
17. Driver-cum-Engine Mistry (Rs. 45—100).	..	1	..	1
<i>II. Travelling Allowance</i>	Rs.	Rs.	Rs.	Rs.
	3,400	3,500	1,300	8,200
<i>Contingencies—</i>				
Recurring ..	49,700	83,000	29,500	1,62,200
Non-recurring ..	..	6,100	..	6,100

The district Hospital Chamoli did the following work during 1964-65 :

Outdoor patients treated ..	..	..	..	4,975
Indoor patients treated ..	..	..	..	184
Operations performed ..	..	..	..	95
Persons sterilized under Family Planning Scheme ..	..	..	..	1

In the Uttarkashi district the allopathic hospitals and dispensaries did the following work during 1964-65 :

Major operations	..	..	..	21
Minor operations	..	..	..	1,058
Indoor patients treated	..	..	..	1,285
Outdoor patients treated	..	..	..	64,522
Number of cases in which screening done	..	..	..	754
Number of Pathological examinations	..	..	..	4 520

The following building programme has been sanctioned so far for Uttarakhand Division under this scheme :

Work and location	Estimated cost	G. O. no. and date	Physical progress
1	2	3	4
1. Postmortem shed etc. and <i>ad hoc</i> expansion of the District Hospital at Uttarkashi.	20,000	931/XXV-CXB-dated February 17. 1961.	Completed.
2. Alteration and development of District Hospital, Uttarkashi.	2,53,000	2689-XXV/CXC-dated August 6, 1962.	Nil.
3. Allopathic Dispensary and Staff quarter at Barkot Uttarkashi.	1,38,000	1325-XXV-CXC-dated April 27, 1963.	95 per cent.
4. Allopathic Dispensary and staff quarter Batachaura, Uttarkashi.	1,59,000	1068-XXV/CXC-dated April 28, 1963.	90 per cent.
5. Allopathic Dispensary and staff quarter at Dhantari, Uki.	1,55,800	989-XXV/CXC-dated April 30, 1963.	97 per cent.
6. Allopathic Dispensary and staff quarter at Naitwar, Uki.	1,97,000	765-XXV/CXC-dated June 6, 1963.	30 per cent.
7. Sanitary Fitting and electrification of female hospital at Pithoragarh.	72,000	2779/XXV-CXC-dated June 6, 1963.	Completed.
8. Four sheds for district Hospital, Pithoragarh.	30,000	B1684-XXV/CXB-dated October 31. 1961.	Do.

Work and location	Estimated cost	G. O. no. and date	Physical progress
1	2	3	4
9. District Hospital, Pithoragarh	9,21,000	2565-XXV/CXC-dated July 19, 1962.	21 per cent.
10. Residential accommodation for offices and staff of District Hospital at Gopeshwar (Chamoli).	5,35,000	606-XXV/CXC-dated March 20, 1964.	8 per cent.
11. Garage and Driver's quarter at District Hospital, Pithoragarh.	13,000	6008-XXV/CXC-dated November 7, 1962.	Completed.
12. Infectious Diseases Hospital	97,000	3593-XXV/CXC-dated September 3, 1962.	40 per cent.
13. Allopathic Dispensary and staff quarters at Berinag (Pithoragarh).	1,49,000	1873-XXV/CXC-dated April 20, 1963.	58 per cent.
14. Allopathic Dispensary and staff quarter at Jakhpuran (Pithoragarh).	1,38,800	2721-XXV/CXC-dated July 20, 1963.	33 per cent.
15. Upgrading and improvement of existing dispensary at Munsiyari (Pithoragarh).	30,800	4776-XXV/CXC-dated September 30, 1963.	40 per cent.
16. Electrification of B. D. Pande Hospital, Female Hospital and T. B. Hospital, Pithoragarh.	2,947	3475-XXV/CXC-dated July 27, 1963.	Completed.
17. Improvement and expansion of District Hospital, Chamoli.	1,15,000	822-XXV/CXC-dated June 21, 1962.	92 per cent.
18. District Hospital at Gopeshwar (Chamoli).	9,45,500	3226-XXV/CXC-dated June, 21-1962.	65 per cent.
19. Upgrading of existing Dispensary at Joshimath, Chamoli.	90,000	4272-XXV/CXC-dated Augst 19, 1963.	Nil
20. Upgrading of existing Dispensary at Jhelum (Chamoli).	1,80,700	6826-XXV/CXC-dated March 24, 1965.	Nil
21. Ten bedded ward in existing Hospital at Joshimath, Chamoli.	53,000	2877-XXV/CXC-dated June 6, 1963.	Completed.
22. Medical relief post at Gangnani and Dharasu (Uki).	77,640	2548-XXV/CXC-dated July 22, 1963.	98 per cent.
23. Residential Buildings for Lady Doctor and Subcharge at Uttarkashi.	17,000	147-XXV/CXC-dated March 10, 1964.	Completed.

The 40-bedded T. B. Hospital at Pithoragarh continued to function with X-Ray, A. P., P. P. and Phrenic Gruch facilities. No addition was made to the staff during 1964-65.

The scheme of Grant-in-aid to T. B. patients continued to function. An amount of Rs.75,000 was extended to certified T. B. patients as grant-in-aid to supplement their diet as indicated below :

				Rs.
Pithoragarh	..	..	..	45,000
Chamoli	..	..	..	20,000
Uttarkashi	..	..	..	10,000
			Total	<u>75,000</u>

In the Chamoli district as many as 200 T. B. patients received this grant. In the Uttarkashi district 164 patients received this grant.

Three B. C. G. teams one for each district was sanctioned during 1964-65 as a preventive measure against T. B. The following staff and funds were provided for each Team :

*I. Staff—*

(1) Senior B. C. G. Technical (Non-Medical Team Leader)				1
(Rs. 150—300).				
(2) B. C. G. Technician (Rs. 75—200)	..	..	..	6
(3) Senior Clerk (Rs. 80—130)	..	..	..	1
(4) Driver (Rs. 45—65)	..	..	..	1
(5) Peon (Rs. 22—27)	..	..	..	1

<i>II. Travelling Allowance</i>	..	..	..	Rs.
				1,700

*III. Contingencies—*

Recurring—				
(Medicines; etc.)	..	..	..	2,500
Non-recurring—				
(Furniture and equipment)	..	..	..	3,000

The teams are in the process of being fully established.

A sum of Rs.15,400 was released for the purchase of 220 Allopathic First Aid Box in the Pithoragarh district, 100 boxes in the Chamoli district and 20 boxes in the Uttarkashi district. These Boxes will be distributed among the rural schools, Panchayats and blocks for treatment of minor ailments in the interior parts.

### GRANT NO. 1

During 1964-65 six Eye Relief Camps were organised in the Pithoragarh district at a cost of Rs.6,000, six in the Chamoli district at a cost of Rs.10,000 and three in Uttarkashi district at a cost of Rs.10,000. A Jeep was supplied to the Eye Hospital, Sitapur to serve as Mobile Van in the Pithoragarh and Chamoli districts at a cost of Rs.20,800.

The permanent Eye Hospital at Pithoragarh continued to function. A grant-in-aid amounting to Rs.25,000 was extended for this purpose to the Eye Hospital, Sitapur.

One permanent Eye Hospital was planned for the Chamoli district also at Gopeshwar. An amount of Rs.98,000 was extended as grant-in-aid to the Eye Hospital, Sitapur for construction of necessary building for the purpose. The building is expected to be completed during 1965-66.

The Leprosy Units at Barkot in the Uttarkashi district and Dharchula in the Pithoragarh district continued to function. No addition was made to the staff. In the Uttarkashi district alone the following work was done by the Unit at Barkot :

Total population surveyed	..	..	..	57,856
Total population examined	..	..	..	15,476
Total cases of Leprosy detected	..	..	..	110
Total patients given treatment	..	..	..	101



**(vi) Improvement and extension of Ayurvedic Dispensaries**

The following Ayurvedic dispensaries continued to function effectively :

Pithoragarh	Chamoli	Uttarkashi
1. Baram	1. Tapowan	1. Saura
2. Balwakot	2. Chhopta	2. Dhantri
3. Garbyang	2. Dewal	3. Naitwar
4. Kanalichina	4. Heelong	4. Guniatgaon
5. Wadda	5. Chinka Mompa	5. Rajgarhi
6. Gunaigangoli	6. Nandprayag	6. Naugaon
7. Dharchula	7. Chandrapuri	7. Jibyadaski
8. Bhainoli	8. Bairaskund	8. Kandari-Gaddar
9. Jogeshwar	9. Adbadri (60-61)	9. Bhatri-Teknor
10. Thal (60-61)	10. Dungri-pinderpur (60-61)	10. Khorsali
11. Mawani-Dawani (60-61)	11. Kothuli (63-64)	11. Bhatwari-Baksari
12. Sata-Chaubati (62-63)	12. Trisula (63-64)	12. Dobalgaon (60-61)
13. Setigaon (63-64)	13. Nauti (63-64)	13. Jogat (60-61)
14. Jajurali (63-64)		
15. Bansbagar (63-64)		
16. Rameshwar (63-64)		

Besides the above 42 dispensaries, nine more dispensaries were sanctioned for the following places :

Pithoragarh	Chamoli	Uttarkashi
1. Simkhola	1. Nauli	1. Doni
2. Madkote	2. Sirgarh	2. Jandanu
3. Khirmande	3. Lamgodi	3. Bareth

For each of the above nine dispensaries one Vaidya (Rs.120-200), two compounders (Rs.45-100), one Ward Boy (Rs.22-27), one sweeper (Rs.22-27) and one servant (Rs.22-27) total 6 personnel were provided besides a sum of Rs.2,500 for T. A. Rs.5,000 for contingencies recurring and Rs.6,000 for non-recurring-furniture and equipment.

In the Uttarkashi district alone these Ayurvedic dispensaries did the following work during 1964-65.

1. Number of new patients treated	..	..	68,971
2. Number of old patients treated	..	..	58,806
3. Number of indoor patients treated	..	..	327
4. Number of operations performed	..	..	94

The following building programme has been sanctioned so far for Uttarakhand Division under this scheme :

Work and location	Estimated cost	G. O. no. and date	Physical progress
<i>Improvement and expansion of Ayurvedic Dispensaries and quarters at—</i>			
	Rs.		
1. Adbadri, Chamoli	.. 55,700	2270-XXV-CXC-dated April 27, 1963.	Completed.
2. Dungri, Chamoli	.. 83,000	Ditto ..	85 per cent.
3. Thal, Pithoragarh	.. 72,000	4434/XXV-CXC-dated September 8, 1963.	Land not available.
4. Ganaigangoli, Pithoragarh	79,000	2270-XXV-CXC-dated April 27, 1963.	64 per cent.
5. Mawani-Dawani Patti Gurifat, Pithoragarh.	92,700	4777-XXV-CXC-dated September 21, 1963.	25 per cent.
6. Balwakot, Pithoragarh	73,500	6430-XXV/CXC dated December 30, 1963.	45 per cent.
7. Baram, Pithoragarh	.. 65,400	1217-XXV-CXC-dated March 20, 1964.	35 per cent.
8. Siyalua, Uttarkashi	.. 53,600	2270-XXV-CX-C dated April 27, 1964.	Completed.

**(vii) Improvement and Extension of Maternity services**

The following Maternity and Child Health centres continued to function effectively :

Pithoragarh	Chamoli	Uttarkashi
1. Sosa (1958-59) under I. T. B.	1. Jhelam-Langsi (I. T. B.)	1. Saura (I. T. B.)
2. Askote (60-61)	2. Kutholi (60-61)	2. Mustiksaur (60-61)
3. Thal (60-61)	3. Nainisain (60-61)	3. Dharasu (60-61)
4. Gaurihat (60-61)	4. Pokhri-Nagnath (60-61).	4. Pora (60-61)
5. Garbyang-Simkhola (63-64).		5. Dhantri (63-64)
6. Barave (63-64)		6. Dori (63-64)
7. Dar (63-64)		7. Jibyadaski (63-64)
8. Quiti (63-64)		8. Kandari (63-64)
9. Pokhri (63-64)		9. Rana (63-64)
		10. Jakhol (63-64)

Besides these 23 M. C. H. centres, five new centres were sanctioned one each for Simli, Mundoli, Basukedar, Mansoona and Chamoli in the Chamoli district.

Each of the centres is provided with one midwife (Rs.45-100), one Dai (Rs.22-27) and one sweeper-cum-chaukidar (Rs.22-27); Rs.100 for T. A. and Rs.1,000 for recurring-contingency. The scheme of Dai Training and financial assistance to trainees of Auxiliary Nurse/Midwife/Health visitor continued to function.

In the Uttarkashi district alone these 10 Maternity and Child Health centres from the Uttarakhand budget and 15 from the departmental budget, total 25 centres did the following work during 1964-65 :

1. Anti-Natal visits	1,905.
2. Post-Natal visits	2,301.

**12. INFORMATION AND PUBLICITY**

(i) *Field Publicity*—This scheme provides for suitable publicity for the various development activities in the Uttarakhand Division, aims at promoting feeling of national solidarity and encourages the local people to take more keen interest in the efforts to improve their economic status and living conditions.

Film shows, Cultural shows, Meetings, Exhibitions, Publicity Camps, press conferences, etc. are organised and posters, leaflets and handbills distributed to publicise development activities. Four hundred and seventeen film shows, 503 public meetings, 339 cultural programmes, 40 puppet shows, 10 Kavi Sammellans, were organised and 199 press notes issued in the three districts of Uttarakhand Division during 1964-65. Besides 8,000 copies of booklets and pamphlets were also distributed. Small savings, Family Planning, Kharif and Rabi Campaigns are other items about which intensive publicity was made. With a view to stepping up field publicity one Jeep and two additional Cinema Units have been sanctioned for each of the three districts.

(ii) *Community Listening*—Most of the radio sets distributed in this Division continued to function during the year. The staff provided under this scheme made special efforts to keep the sets in order. Used dry batteries were promptly replaced and minor repairs of the sets was attended on the spot by the Radio Inspectors concerned. Efforts are being made to supply one community Radio Set to each of the Gram Sabha of the Division.

(iii) *Publication*—The Scheme provides for publication of suitable literature regarding the customs, manners, history and religion, etc. of the people residing in Uttarakhand Division. Twelve thousand copies of various booklets on the above subjects were published.

(iv) *Information Centres*—The three Information Centres set up at the headquarters of each of the three districts, 3 Tahsil Information centres in Pithoragarh and 2 Tahsil Information centres in Chamoli continued to function effectively. These centres are equipped with various magazines, journals, books, newspapers, etc. and are catering the needs of the visitors very successfully.

(v) *Films and Photography*—Two documentary films were produced by the Film Unit of Uttarakhand Division on the various aspects of life of the people and development activities being implemented there. Another such film was under completion. In order to step up production of such films one more Film unit has been sanctioned.

(vi) *Kisan Melas and Exhibitions*—Cultural Programmes, exhibitions, etc. are organised in the important fairs held in the three districts of Uttarakhand Division. To encourage the people to take more interest in development work, mobile exhibitions are set up. A Godown costing Rs.8,000 was constructed in Chamoli District for safe storage of Mela materials.

Schemes	Government of India's Approval (Rs. in lakhs)	Expenditure during fourth quarter of the year 1964-65			Expenditure up to the end of the fourth quarter, 1964-65			Expenditure 1961-62	Expenditure 1962-63	Expenditure 1963-64
		Revenue	Capital	Loan	Revenue	Capital	Loan			
1	2	3	4	5	6	7	8	9	10	11
1. Horticulture and Fruit utilization.	11.290	5,70,460	1,07,479	1,36,300	9,22,267	3,55,861	1,58,600	5,67,025.65	5,89,416.07	7,90,466.73
2. Minor Irrigation and flood Control.	26.725	..	8,95,491	..	..	10,02,731	..	1,82,382.89	3,45,218.00	6,20,768.00
3. Forest and Soil Conservation.	23.500	5,94,922	5,03,023	..	10,32,731	6,22,187	..	4,51,316.11	15,75,621.00	15,47,382.89
4. Animal Husbandry.	17.650	3,33,946	1,93,782	50,000	8,56,388	3,68,369	2,18,000	7,15,655.64	7,67,511.00	12,59,775.80
5. <i>Co-operation and Community Development—</i>										
(a) Community Development.	34.750	13,78,668	73,728	44,500	31,69,312	1,45,459	50,366	32,40,628.29	33,17,005.00	29,12,389.14
(b) Panchayats	..	48,206	..	..	1,45,456	..	..	..	50,000.00	84,491.91
6. Power	..	15,84,548	..	5,28,182	22,85,109	..	7,61,702	6,81,397.00	10,46,880.00	18,52,644.00

7. Industry and Mining.	29.470	6,04,498	1,09,508	90,300	12,05,475	1,64,441	1,55,000	9,92,663.13	18,08,244.00	13,56,883.03
8. Transport and Communication.	300.000	9,37,997	1,19,87,909	..	33,80,991	3,12,68,833	..	1,11,95,620.00	1,62,55,924.00	2,97,63,134.46
9. General Education.	104.480	30,06,798	14,28,184	..	61,58,365	28,32,942	..	24,13,245.01	51,58,341.00	88,80,605.95
10. Drinking Water Supply and Sanitation.	..	94,728	25,50,909	..	2,83,463	34,53,247	..	6,42,846.73	22,19,852.00	4,38,459.62
11. Medical and Public Health.	32.077	8,76,292	5,65,507	..	20,49,395	13,44,318	..	10,66,261.56	13,22,836.00	49,34,565.68
12. Information and Publicity.	4.830	3,71,217	..	..	5,04,311	..	..	1,74,559.04	3,46,820.00	3,36,898.94
Total Plan, Expenditure	584.772	104,02,280	184,15,520	849.282	219,93,263	415,58,388	13,43,668	2,23,23,574.05	3,48,02,668.07	5,47,78,466.15