



GOVERNMENT OF ORISSA

# STATISTICAL ABSTRACT OF ORISSA

1981



BUREAU OF STATISTICS AND ECONOMICS  
ORISSA, BHUBANESWAR

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## PREFACE

The "Statistical Abstract of Orissa, 1981" is the 12th issue in its series. The socio-economic data covering all fields of Developmental activities in the State for a period of decade ending 1980-81/1981 with district-wise break up for last two years have been incorporated in this issue. A brief note analysing the data on each chapter along with some specific programme has been added to it. In the first chapter, ancient history of Orissa, its administrative set-up, places of Importance and various economic programmes implemented in the State have been outlined. As it presents data on different sectors of the State economy over time and space, it serves as a valuable source of materials required by the administrators, planners and research workers for formulation of development programmes in the State.

The continued and generous co-operation rendered by different offices of the State and Central Governments, Corporations, Public Undertakings and Local Bodies in making available the required data for this issue is acknowledged with gratitude. Constructive suggestions from the users for improvement of its future issues are always welcomed.

**B. DAS**

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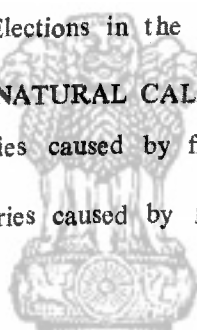
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सत्यमेव जयते

## HISTORY, ADMINISTRATIVE SET-UP, PHYSIOGRAPHY, ECONOMIC PROGRAMMES AND PLACES OF INTEREST IN THE STATE OF ORISSA

*History of Orissa*—Orissa, the land of the Oriyas, was known as Kalinga in the ancient days when it was under the rules of Mahapadmananda, the King of Magadha in 4th Century B. C. He was overthrown by Chandragupta Maurya with the help of Kautilya. At this time Kalinga declared itself independent of Magadha. Ashok, the grandson of Chandragupta invaded Kalinga in the 8th year of his rule in 261 B. C., with a powerful force. The rock edict XIII of Ashoka presents graphic description of the horrors of Kalinga war as an after effect of which he embraced Buddhism. He renounced war and decided to conquer the hearts of the men with piety instead of conquering their countries with arms. After the death of Ashoka, Kalinga regained its independence. In the first century B. C. Kalinga became a powerful country under its ruler Kharavela the 3rd ruler of the Chedi dynasty. With the death of Kharavela, Orissa passed into obscurity. In the 4th Century A. D. Samudragupta set out on his conquest of the south from Magadha. He invaded Orissa which lay astride his path and overcame the resistance offered by five of its Kings. In 610 A. D. Orissa came under the sway of King Sasanka. After Sasanka's death Harsha conquered Orissa. During the reign of Soma Vansi Kings Lingaraj, Mukteswar, Rajarani Temple were built in Bhubaneswar which was a center of religious activities.

Orissa had its own independent dynasty of rulers (the Ganga dynasty) in the 7th Century A. D. In 795 A. D. Yayatri-II (Mahosivagupta) came to the throne and with him began the most brilliant epoch in the history of Orissa. He united Kalinga, Kargoda, Utkal and Koshal in the imperial tradition of Kharavela. He is believed to have built the famous Jagannath Temple in Puri. The Sun Temple of Konark was built by Ganga Rulers Narasingh I, who ruled from 1231 A. D. to 1264 A. D. The Ganga Kings ruled up to 1434 A. D., when the throne was seized by Kapileswar Routray Minister of last Ganga King Benudhar-IV. Kapileswar Dev started the Solar dynasty. He is regarded as the greatest King of Orissa after Kharavela. His son Purusottam Dev defeated the King of Bijayanagar, married his daughter Rupambika and brought from Bijayanagar the idols of Gopal and Ganesh and Ratnavedy on which images of Lord Jagannath stands at present inside the sanctum of Jagannath Temple. After him Prataprudra Dev ruled the Kingdom. After Prataprudra Dev, his Minister Govinda Bidyadhar Vsurped the throne and ruled up to 1540 A. D., Mukunda Harichandan became the ruler of Orissa which then passed into hands of Afghans after the death of Mukunda Dev in 1568 A. D. and subsequently in 1592 A. D. the Mugal Rule was established by Mansingh. In 1508 A. D. Ramchandra Dev-I son of Danai Bidyadhar, Minister of the King Govinda Bidyadhar declared himself as Raja of Khurda. In 1592 A. D. he was recognised by Mansingh not only as success or of former Gajapati Lion of Kings but also as the controller of Jagannath Temple at Puri. During the reign of Birakishore Dev Orissa was occupied by the Marahattas in 1755 A. D. Britishers occupied Orissa in 1803 A. D. when Mukunda Dev-II was Raja of Khurda.

In 1817 A.D. the Paikas of Orissa revolted against the maladministration and the economic exploitation of the British Government. The leader of the Paikas was Buxi Jagabandhu Bidyadhar who was a commander of the Forces of Raja of Khurda. The Paika rebellion was a formidable one and the British Government for the time was on its last leg in Orissa. But the Paikas being small in number, could not successfully encounter the well disciplined and better armed British Troops. The rebellion was suppressed with strong hands, Raja Mukunda Dev died in Captive in November 1817 A.D. He was the last king of Khurda and after him his successors came to be known as Raja of Puri.

*Administrative set up*—During British rule in the country, Orissa represented merely a Division of the Bengal Presidency and comprised of four districts viz. Cuttack, Puri, Balasore and Angul-cum-Khandamal. Besides, there were 17 feudatory states within its jurisdiction. In the year 1905 the district Sambalpur was added to the State. Two feudatory states of Chhotanagapur viz. Gangapur and Bonai and five feudal states of Central Provinces viz. Patna, Kalahandi, Sonepur, Bamara and Raikhol were also came to its jurisdiction in the same year. In the year 1912 the Bihar and Orissa Province was formed after the separation of their jurisdiction from the Bengal Presidency with Orissa as a division. This composite province of Bihar and Orissa continued till 1936 when Orissa assumed a status of separate province with six districts viz. Cuttack, Puri, Balasore, Sambalpur, Ganjam and Koraput. The old district Angul-Khandamals was split and merged in Cuttack and Ganjam respectively. A large area of the Ganjam district was plain and a portion of it was Agency. The area of the State was 83,393 Square Kms. in the year 1936. There was no change in its area for a decade.

India became independent on 15th August 1947 bringing the British rule to an end. In the year 1948 and 1949 all the 24 princely States of Orissa formerly merged with Orissa under State Merger (Governor's Provinces) Order, 1949 increasing the area of the State to what is now. The ex-states which were merged are Athagarh, Tigiria, Baramba, Narsinghpur, Nilagiri, Nayagarh, Daspatha, Khandapara, Ranapur, Bamara, Raikhol, Dhenkanal, Talcher, Pallahara, Athamallik, Hindol, Keonjhar, Baudh, Patna, Sonepur, Gangapur, Bolani, Kalahandi and Mayurbhanj.

The ex-states of Athagarh, Tigiria, Baramba and Narasinghpur were merged with Cuttack district, Nilgiri with Balasore district, Nayagarh, Daspala, Khandapara and Ranpur with Puri district, Bamra and Rairakhol with Sambalpur district. The Anugul Subdivision of Cuttack district being separated from this district and the feudal states of Dhenkanal, Talcher, Pallahara, Athamallik and Hindol were constituted into one district as Dhenkanal district. The Khandamals and Baliguda agency areas of Ganjam district together with ex-state of Boudh formed the district of Boudh-Kandhamals. The Nawapara Subdivision was separated from Sambalpur district and was put together with ex-state of Kalahandi to form another district named Kalahandi.

The two ex-states of Keonjhar and Mayurbhanj formed each a separate district. The ex-state of Sonepur and Patna were formed into one district named Bolangir, while the ex-states of Gangapur and Bonai together formed the present Sundargarh district. Thus 13 districts now the State consists of had been formed after merger of ex-states. Its area has increased from 83,393 Square Kms. to 155,842 Square Kms.

**Physiography**—Orissa lies on the east coast of India. It is surrounded by West Bengal in the north-east Bihar in the north, Andhra Pradesh on the south-east, Madhya Pradesh on the west and Bay of Bengal on the east. The whole State lies in the Tropical zone and is divided into four district tracts viz. the northern plateau, the eastern ghats, the central tract and the coastal plains. The State is drained by three great rivers, the Mahanadi, the Brahmani and the Baitarani and some small rivers, all of which flow into the Bay of Bengal.

The biggest and the most famous lake in Orissa is the Chilka lake. Originally it was part of the Bay of Bengal and was subsequently closed up by sand dunes. It is 64 Kms. long and 16 to 20 Kms. wide. There are two beautiful islands in the lake—Parikuda and Maluda, two other lakes are the Ansupa lake (in Cuttack district), about 5 Kms. long and 1.6 Kms. broad, and the Sara Lake, about 5 Kms. long and 3 Kms. wide.

Orissa has an equable climate, neither too hot nor too cold. In some places, however, extremes of climate are experienced, namely, in the western districts of Bolangir, Surabpur and Sundargarh. The average rainfall in the State is 150 Cm. There is no desert or semi-desert area in the State.

**Places of Interest :** 1. *Aradi*—It is a village in the district of Balasore near Chandabali Port. It is famous for Lord Akhandalamani (Lord Shiva) Temple. A large number of pilgrims come here from different parts of the country to worship Lord Shiva to be cured of serious diseases.

2. *Remuna*—It is a village in the district of Balasore at a distance of 8 Kms. from Balasore town. It is famous for its temple of Khira Chora Gopinath and every day a large number of pilgrims visit this place to worship Lord Gopinath.

3. *Chandipur*—It is a village in the district of Balasore on the sea shore towards east of Balasore town. It is famous for the proof and experimental establishments where trials of arms and ammunitions produced in the country, are made by the Defence Department, Government of India. It is also a launching base for rocket.

4. *Harisankar*—It is a village in the district of Bolangir on the southern slope of the Gandhamardan hill which stands along Bolangir-Sambalpur border. It is famous for the temple of Harisankar dedicated to Shiva. Close to this temple there are two small temples one dedicated to Bhairavi, a form of Sakti of Lord Shiva and the other to Lord Jagannath. Ganga here is the remover of human sufferings. Here a perennial brook trickles down the slope of the Gandhamardan Hill and at one point forms a fine little waterfall called Papanasini. The most crowded festival here is celebrated on the Nrusingh Chaturdasi day in the month of May.

5. *Hirakud*—It is a town in the district of Sambalpur at a distance of 16 Kms. from Sambalpur town. It is a small island between two branches of the river Mahanadi. Here a multipurpose Dam has been constructed over the river Mahanadi. It is the longest dam in the world.

6. *Narasinghnath*—It is a place of pilgrimage in Padmapur Subdivision of Sambalpur district on the northern flank of Gandhamardan Hill at a distance of 32 Kms. south-west of Padmapur town. On Nrusingh Chaturdasi day in the month of May, a big fair takes place here and thousands of pilgrims worship God "Nrusinghnath".

7. *Deogarh*—It is a subdivisional headquarters of the Deogarh Subdivision of Sambalpur district. It is attractively situated with the back ground of wooded hills and Padhanapa waterfall. The Padhanapa hill with its picturesque falls offers a rare scenic beauty. Here two beautiful guest houses named Basanti Nibwas and Lalit Basanti have been constructed on the hill by the former Raja of Bamra State.

8. *Puri*—It is a city and the District Headquarters of Puri district and is situated on the shore of Bay of Bengal. The temple of Lord Jagannath, healthy climate and the beautiful sea views attract pilgrims in large number from all parts of the country and foreign tourists throughout the year.

9. *Bhubaneswar*—It is a city in the district of Puri and the Capital of the State of Orissa. It is famous for Lord Lingaraja Temple, Rajarani Temple, Mukteswar Temple and a number of temples containing master pieces of old architectural designs. There is a perennial stream of Kedargouri inside this city. Khandagiri and Udayagiri hills containing artistic caves hewn in rocks and a stoop in Dhauli hill having noted inscription of Ashok edicts are located near Bhubaneswar.

10. *Konark*—It is a place in the district of Puri and famous for the Sun-God temple. It is connected with Puri City by a road called "Marine drive" parallel to the sea. A big mela is held here every year on Magha Saptami day. A large number of pilgrims gather to take bath in a tank here on this occasion.

11. *Similipal*—It is a renowned place in the district of Mayurbhanj. The forest area near Similipal popularly known as Similipal National Park is the abode of tropical birds and animals. This area has been selected as one of the main tiger projects of India. Barehipani and Joranda water falls are attraction of the Park.

12. *Khiching*—It is situated at a distance of 145 Kms. from Baripada town in Mayurbhanj district. It is famous for the temple of "Kichakeswari" built entirely on Chlorile slabs which is a master piece of mason of Kalinga style.

13. *Gopalpur*—It is situated on the sea shore and a small town in the district of Ganjam. The scenic views of the sea and its healthy climate attract large number of tourists every year from far and near countries.

14. *Ghatagan*—It is a village at a distance of 50 Kms. from Keonjhar town in the district of Keonjhar on the State High way leading towards Cuttack. It is famous for the deity "Ma Tarini" a popular Goddess through out the State.

15. *Gonashika*—This place is 45 Kms. away from Keonjhar town by the side of Gonashika hill in the district of Keonjhar. The river Baitarani has flour from an area called Brahmeswar where Lord Brahma has established Shiva. This place is now called Brahmakunda.

16. *Banki*—It is subdivisional Headquarters of the subdivision Banki in the district of Cuttack. It is famous for "Ansupa Lake" a natural lake and "Charchika Thakurani".

17. *Cuttack*—It is a city and district Headquarters of Cuttack district. The historic Kathajori Patharia bandha, Barabati Fort and Stadium, and the temple of Cuttack Chandi are located in this city. It is situated between the rivers Mahanadi and Kathajori. Previously it was the capital of the State.

18. *Jajpur*—It is a town in the district of Cuttack. It is well known as Birajakheta and famous for Birage temple. In ancient times it was the capital of Orissa for a long time and now it is a subdivisional Headquarters of the subdivision Jajpur.

19. *Paradeep*—It is a deep sea port in the district of Cuttack. A cyclone warning radder station is located and a fertiliser plant has been established here. Iron ores are exported to Japan from this port.

20. *Rourkela*—It is a city in the district of Sundargarh. A steel plant in public sector has been established in this city in collaboration with Federal Republic of Germany. It is now managed by the Hindustan Steel Ltd., a Government of India, undertaking. It is one of the most modern and sophisticated steel plants of the world. Rourkela is now called as Steel City.

21. *Kapilas*—A short range of hills roughly forming the boundary of Cuttack and Dhenkanal district is called Kapilas where the famous temple of Shiva is located at a height of 2,239 ft. In local belief the hill is identified with Kailas the famous abode of Lord Shiva and hence this place is called Kapilas. A zigzag motorable path constructed by Raja Surapratap of Dhenkanal leads up to the temple from Deogarh village which is 19 Kms. east of Dhenkanal town. A big mela is held here every year on Siva Chaturdashii day. A large number of pilgrims come here on this day to worship Shiva.

22. *Saptasajya*—It is a place of scenic beauty situated at a distance of about 11 Kms. from Dhenkanal town in the district of Dhenkanal. According to a legend "Pandavas" spent some days of their Agyantabas in this place. A fair takes place here every year on the Ramanavami day. This place is marked for large scale Banana and pineapple plantation.



23. *Nandankanan*—It is a biological Park of Orissa maintained by the Forest Department. It is situated at a distance of 15 Kms. from Bhubaneswar and two Kms. from Barang Railway Stations in the district of Cuttack. Its zoo with white tiger, Black Panther, Lions, all types of Crocodiles, Rhino, Pangolin Monkeys and many other animals in the natural setting, the lake full of resident and Migratory of birds, joy ride on toy train and elephants attract many visitors. It is a beautiful place for picnic.

24. *Chilka*—It is a largest natural lake in the State of Orissa. It is connected with the Bay of Bengal. It lies in the south-western part of the Puri district. Its water area is approximately 632 Sq. Kms. during summer season and increases to 1,166 Sq. Kms. in rainy season. Its average depth is 5 ft. to 6 ft. The fish of estuarine variety in large quantity are available in this lake. A Naval Training Centre has been established here by the Government of India. The scenic beauty of this lake and large number of colourful birds available throughout the year attract many visitors.

25. *Badarama*—It is located at a distance of 43 Kms. north-east of Sambalpur City on the National Highway No. 6 in the district of Sambalpur. There is a picturesque wild life sanctuary called "Ushakothi" in this place. This sanctuary is easily accessible and varieties of colourful wild animals are seen here.

### ECONOMIC PROGRAMMES

Orissa has remained one of the poorest States in India for various historical and political reasons. After India achieved independence in 1947 freeing herself from British Rule, Planning comprehensive strategies for an all round development of the State had not been possible due to political instability.

Government of Orissa under Chief Ministership of Shri J. B. Patnaik has launched in the year 1980 a massive programme of rehabilitating the poorest of the poor to provide assured means of livelihood. The families who lived below the poverty line and had no source of living were brought within the fold of this rehabilitation programme. The programme envisages developing economic status of the families below poverty line.

During the 6th plan period, All efforts are being made to build a vibrant and economically strong Orissa making all round development. The 20 point programme given to the Nation by the Prime-Minister Mrs. Indira Gandhi is being implemented with acceleration in the State with a new hope for better future of the poor and the weaker sections earmarking 90% of the Plan funds. Some of the major objectives of the above programme are rehabilitation of bonded labour, development of Scheduled Castes and Scheduled Tribes, supply of drinking water to problem villages, Plantation of trees, payment of minimum wage to Agricultural labourers, implementation of integrated rural development and national rural employment programmes, family welfare and strengthening of public distribution system.

Among several schemes taken up to fight poverty which has been prevailing in the State for a long time, the unique programme of Economic Rehabilitation of Rural Poor and Integrated Rural Development Programme are given much emphasis. Such programmes intend to cover nearly ten lakhs families below poverty line during 6th plan period. The infrastructural requirement like village tanks, rural roads, school buildings etc. of 15 lakhs of families are sought to be looked after by the National Rural Employment Programme. This drive will put nearly one-third of the States population above poverty line. The ERRP is being implemented from the year 1981 and was born out of desire to harness state's immense land water, fishery and animal resources for the upliftments of the poorest ten families in each village. The Programme aims at reaching everything at their door steps with such objective.

The land leased scheme, and the fishery scheme have been fully subsidised. For crop development each land less family is provided with some land and a sum of Rs. 9,000.00. Cashew crop plantation has been taken up under this scheme in areas where water is scarce but rainfall is adequate. Each beneficiary is given two acres of land and Rs. 5,600.00.

Other ameliorative programmes include pension to the indigent artists, writers, and sportsmen. To provide employment to women, State Government has taken decision to employ them on a preferential basis as primary School Teachers and Community health workers. About 3% of the jobs have been reserved for the physically handicapped. Job reservation has been made also for scheduled tribes and castes. Under old age pension scheme for the destitutes about 85 thousand beneficiaries have been covered each being paid Rs. 40.00 per month.

#### Rural Water Supply—

The State Government has attached great importance for implementation of water supply scheme in rural areas. Out of 46,992 inhabited villages in the State 27,077 villages have been declared as problem villages according to the criteria laid down at national level. A village is declared as problem village if no water source is available within 1.6 Kms. of its radius or the depth of the water level is more than 15 metres below the ground level. There is a plan to install sanitary wells and tube-wells in all problem villages.

Plan funds are utilised only for sinking tube-wells in the identified problem villages as tube-well water is considered safe and there is great demand for it. A notable feature in the rural drinking water supply scheme is the launching of 'DANIDA' programme in the saline belts of Orissa covering the districts of Balasore, Cuttack and Puri. This scheme is being implemented with assistance from the Danis International Development Agency. The project would cost more than Rs. 22 crores over a period of five years and involves the installation of 8627 tube-wells, 85 piped water supply schemes, 76 cultured piped water schemes and 19 protected tanks in 34 blocks in the saline belts of the State. Foreign experts have arrived and sophisticated equipments have been imported to locate suitable and stable source of sweet water. The programme is now under investigation and is likely to be completed very soon.

#### Supply of House —

Special housing schemes have been taken up with the objectives of providing houses to the people belonging to economically weaker sections, low income groups and middle income groups. The Orissa State Housing Board, the Bhubaneswar Regional Improvement Trust and the Rourkella Improvement Trust are taking steps to implement such schemes with assistance from HUDCO and State Government. On account of rapid industrialisation, high urbanisation, population growth and migration of people from rural to urban areas, requirement of housing accommodation is rising very fast. During the sixth plan period such housing schemes have also been taken up at Choudwar, Dhenkanal and Athagarh. New housing schemes at Berhampur, Balasore, Talcher and Bhubana are expected to be finalised soon.



## II. CLIMATE

This chapter presents the actual rainfall, normal rainfall, temperature and humidity in Orissa from the years 1972 to 1981 with districtwise data for the last two years.

*Rainfall*—The actual rainfall for a year in the State is the average rainfall recorded in different rainfall recording Stations in the State for that year. The normal rainfall is the average of actual rainfall for a minimum period of five years and it exceeds up to 30 years in special circumstances.

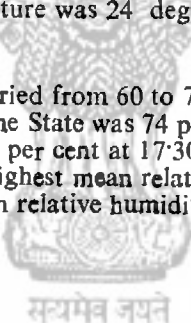
*Temperature*—The annual maximum and minimum temperature is the average of daily temperature which is recorded at a height of 4 ft. above ground in Stevenson Screen which provide a free access to the air, but at the same time, protect the temperature from direct rays of the Sun.

*Humidity*—Relative humidity is the measure of the amount of water vapour present in the atmosphere relative to the corresponding amount for saturation. It is presented in percentage.

The rainfall data for the years 1972 to 1981 reveal that the actual rainfall in the State for each year was below the normal rainfall which is 148 cms. The actual rainfall during the year 1979 was lowest (95 cms.). This year was a drought year in the State. Among the districts the actual rainfall in Ganjam, Koraput and Puri during the year 1980 was 137 cms against 130 cms, 153 cms, against 152 cms, and 148 cms, against 145 cms, of normal rainfall respectively. So the actual rainfall in these three districts was in excess of normal rainfall. During the year 1981, the actual rainfall was below normal rainfall in all districts. During this year the highest rainfall was 138 cms. in Mayurbhanj district and lowest rainfall was 88 cms. in Balangir district.

The highest maximum temperature in the State was 34.3 degrees centigrade during the year 1973 and highest minimum temperature was 31.3 degrees centigrade during the year 1977 during the period from 1972 to 1981. Among the Meteorological centres the highest maximum temperature was 35.3 degrees in Titlagarh Centre and highest minimum temperature was 24 degrees centigrade in Balangir Centre during the year 1981.

The mean relative humidity in the State varied from 60 to 74 percentages during the period from 1972 to 1981. The highest mean relative humidity in the State was 74 per cent at 08.30 hours I.S.T during the year 1977 and lowest mean relative humidity was 60 per cent at 17.30 hours I.S.T during the years 1972, 1976 and 1979. Among the meteorological Centres, the highest mean relative humidity was 85 per cent at 08.30 hours in Gopalpur during the year 1980 and lowest mean relative humidity was 49 per cent at 17.30 hours I.S.T. in Bhawanipatna centre during the year 1981.



## II. CLIMATE

Table No. 2·01

Normal and Actual Rainfall in Orissa

(In Cms.)

Year/District	Normal rainfall	Actual rainfall	Departure of actual from normal	Percentage of increase(+) / Decrease(—)
(1)	(2)	(3)	(4)	(5)
1972	148·22	118·43	(—)29·79	(—)20·1
1973	148·22	135·34	(—)12·88	(—)8·7
1974	148·22	95·12	(—)53·10	(—)35·8
1975	148·22	132·34	(—)15·88	(—)10·7
1976	148·22	101·31	(—)46·85	(—)31·6
1977	148·22	132·75	(—)15·47	(—)10·4
1978	148·22	133·32	(—)14·90	(—)10·0
1979	148·22	95·12	(—)53·10	(—)35·8
1980	148·22	131·82	(—)16·40	(—)11·0
1981	148·22	118·51	(—)29·71	(—)20·0
1980				
Balasore	156·84	116·72	(—)40·12	(—)25·5
Balangir	144·35	117·15	(—)27·20	(—)18·8
Cuttack	150·13	134·52	(—)15·61	(—)10·3
Dhenkanal	142·11	118·40	(—)23·71	(—)16·6
Ganjam	129·56	137·45	(+)7·89	(+)6·0
Kalahandi	137·82	135·37	(—)2·45	(—)1·7
Keonjhar	153·45	125·96	(—)27·49	(—)17·9
Koraput	152·18	152·54	(+)0·36	(+)0·2
Mayurbhanj	162·82	120·31	(—)44·51	(—)27·0
Phulbani	159·71	134·35	(—)25·36	(—)15·8
Puri	144·91	148·48	(+)3·57	(+)2·4
Sambalpur	152·70	127·99	(—)24·71	(—)16·2
Sundargarh	164·76	136·45	(—)28·31	(—)17·1
1981				
Balasore	156·84	110·20	(—)46·64	(—)29·8
Balangir	144·35	88·18	(—)56·17	(—)38·9
Cuttack	150·13	111·45	(—)38·68	(—)25·7
Dhenkanal	142·11	117·08	(—)25·03	(—)17·6
Ganjam	129·56	124·62	(—)4·94	(—)3·8
Kalahandi	137·82	114·78	(—)23·04	(—)16·7
Keonjhar	153·45	127·79	(—)25·66	(—)16·7
Koraput	152·18	134·24	(—)17·94	(—)11·7
Mayurbhanj	164·82	137·78	(—)27·04	(—)16·4
Phulbani	159·71	131·56	(—)28·15	(—)17·6
Puri	144·91	112·67	(—)32·24	(—)22·2
Sambalpur	152·70	117·81	(—)34·89	(—)22·8
Sundargarh	164·76	112·55	(—)52·21	(—)31·7

SOURCE—Board of Revenue, Orissa

## II. CLIMATE

Table No. 2·02

Temperature and Humidity in Orissa

Year/Meteorological centre	Number of Meteorological centre	Mean daily Temperature (Degree in centigrade)		Mean tempera- ture (Degree in centi- grades)	Mean relative Humidity (Percentage)		Number of Rainy- days	
		Maximum	Minimum		08:30 hours I. S. T.	17:30 hours I. S.T.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1972	..	N. A.	32.7	21.2	26.95	71	60	N. A.
1973	..	18	32.4	21.7	27.05	73	64	74
1974	..	18	32.5	21.0	26.75	70	61	55
1975	..	20	32.2	21.4	26.80	72	63	70
1976	..	19	32.9	20.8	26.85	71	60	61
1977	..	19	31.9	21.3	26.60	74	65	70
1978	..	17	32.0	21.6	26.80	73	65	71
1979	..	18	33.1	21.8	27.45	71	60	71
1980	..	18	32.8	21.8	27.30	72	63	92
1981	..	18	31.7	21.6	26.65	73	64	88
1980								
Angul	..	1	33.3	22.4	27.85	77	53	78
Balasore	..	1	32.3	21.9	27.10	74	74	130
Baripada	..	1	33.3	22.1	27.70	73	71	98
Bhubaneswar	..	1	32.8	22.9	27.85	78	66	122
Balangir	..	1	31.7	22.0	26.85	65	52	88
Chandabali	..	1	32.4	22.1	27.25	78	71	93
Cuttack	..	1	33.8	23.6	28.70	76	64	102
Gopalpur	..	1	31.0	23.7	27.35	85	83	87
Jharsuguda	..	1	33.6	21.6	27.60	65	50	101
Keonjhar	..	1	31.5	20.5	26.00	67	62	78
Koraput	..	1	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
Puri	..	1	30.3	24.3	27.30	82	79	84
Sambalpur	..	1	33.9	21.7	27.80	66	52	100
Titilagarh	..	1	36.9	21.0	28.95	59	51	98
Phulbani	..	1	31.7	12.3	22.00	71	59	85
Paradeep	..	1	30.5	23.9	27.20	81	77	99
Bhawanipatna	..	1	33.5	22.2	27.85	63	50	101
Sundargarh	..	1	34.3	22.1	28.20	70	52	46

## II. CLIMATE

Table No. 2·02—*Concl'd.*

## Temperature and Humidity in Orissa

Year/ Meteorological centres	Number of Meteorological centres	Mean daily Temperature (Degree in centigrades)		Mean temperat- ure (Degree in centi- grades)	Mean relative Humidity (Percentage)		Number of rainy days
		Maximum	Minimum		08·30 hours I. S. T.	17·30 hours I. S. T.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1981							
Angul ..	1	32·3	21·3	26·80	76	52	71
Balasore ..	1	31·2	21·3	26·25	72	73	116
Baripada ..	1	32·2	21·3	26·75	71	72	118
Bhubaneswar ..	1	32·2	22·1	27·15	75	63	110
Balangir ..	1	31·1	24·0	27·55	70	52	89
Chandbali ..	1	31·2	21·1	26·15	73	70	115
Cuttack ..	1	32·7	22·6	27·65	76	64	108
Gopalpur ..	1	30·6	23·1	26·85	81	81	80
Jharsuguda ..	1	33·0	20·4	26·70	67	50	94
Keonjhar ..	1	30·5	19·5	25·00	67	67	92
Koraput ..	1	30·6	23·5	27·05	81	77	61
Puri ..	1	30·6	23·5	27·05	81	77	104
Sambalpur ..	1	32·3	22·0	27·15	68	56	82
Titilagarh ..	1	35·3	21·0	28·15	63	55	97
Phulbani ..	1	30·7	17·1	23·90	72	61	91
Paradeep ..	1	30·2	22·4	26·30	82	80	105
Bhawanipatna ..	1	32·6	21·0	26·80	64	49	38
Sundargarh ..	1	32·8	22·0	27·40	73	63	6

Source—Meteorological Centre, Bhubaneswar

### III. AREA AND POPULATION

**Area**—Orissa has an area of 155,707 square kilometres as reported by Survey of India, constituting 4·88 per cent of the total area of all States in India and occupies 10th position among the State and Union Territories of India according to the area size. Among districts the Koraput district having an area of 26,961 square kilometres with 17·32 per cent of the total area of the State, ranks first while Balasore is the smallest district having an area of 6,311 square kilometres which accounts for 4·05 per cent of the State area.

**Population**—Population of each State and Union Territory of India is counted once in every ten years through census conducted by the Registrar-General and Census Commissioner of India. The first imperial Census in India was ordered in the year 1971, but the organised synchronous population census was started with the 1981 Census. Since then Census has been carried out once a decade regularly. The 1981 Census is the twelfth in the series of uninterrupted decennial population Census. According to 1981 census the total population of the State stands at 263 lakhs which is 3·84 per cent of India's total population of 68·38 lakhs. Orissa maintains the eleventh position in the ranking among the States and Union Territories of India so far population size is concerned. Among the districts, Cuttack continues to be the most populous district of the State having a population of 46·18 lakhs which constitutes 17·58 per cent of the total population of the State whereas, Phulbani is the least populous district having a population of 7·13 lakhs accounting for 2·71 per cent of the State population.

**Growth rate**—The decennial growth rate of the State's population during the decade 1971-81 stands at 19·72 per cent as against 25·05 per cent during the decade 1961-71. The growth rate has shown down-ward trend during the current decade. Compared with the growth rate during 1961-71 all districts except Sambalpur have recorded a declining growth rate during the decade 1971-81. The lowest growth rate (9·96 per cent) is recorded in Mayurbhanj district.

**Sex Ratio**—Orissa is one of the States in India which had maintained surplus female population up to 1961. This trend took reverse turn from 1971. During 1981 census the ratio is 982 for every 1,000 males. The district of Ganjam has recorded highest female population of 1,038 for every 1,000 males as against the district Sundargarh having lowest ratio of Female population of 933 for every 1,000 males. Among the cities in the State according to 1981 Census Berhampur has recorded the highest sex ratio with females of 924 for 1,000 males as against Bhubaneswar having the lowest sex ratio with females of 757 for every 1,000 males.

**Urbanisation**—In 1971 Census, 81 places comprising 25 Municipal towns, 39 Notified Area council towns and 17 non-Statutory Census towns were taken as urban area whereas in 1981 Census, 108 places comprising 27 Municipal towns, 68 Notified Area Council towns and 13 non-statutory census towns have been brought under the Urban frame. As against the State growth rate of 19·72 per cent the rural and urban growth rate stands at 15·20 per cent and 68·29 per cent respectively during the current decade compared to 22·26 per cent and 66·30 per cent recorded during the decade 1961-71. The percentage of Urban population to total population of the State recorded during 1981 is 11·82 as against the percentage of 8·41 recorded during 1971. According to population size there are six towns with population of one lakh and more and 40 towns with population 10,000 to 20,000.

**Density**—The density of population of Orissa was 113 persons per square kilometre of area in 1961 which increased to 141 during 1971 census. This was far below the all India figures of 173 persons per square kilometre during 1971. However the density of population of Orissa now stands at 169. Among the districts of the State, Cuttack continues to be most thickly populated area, the density being 414 persons per square kilometre. The lowest density of 64 persons per square kilometre has been recorded in respect of Phulbani district.

**Main workers**—Work has been defined as participation in any economically productive activity. Such participation may be physical or mental in nature. So the population of a country can be divided into economically active and inactive.

The economically active group is generally referred to as working population. The main workers are those who have worked for a major part of the year preceding the date of enumeration. The main workers constitute 31·9 per cent of the total population and a person in every three persons is a main worker. Such workers have been broadly categorised as cultivators, Agricultural labourers, household industry and other workers. The States economy is predominantly agricultural. Nearly 75 per cent of the working population are either cultivators or agricultural labourers and the remaining 25 per cent are engaged in the categories of household industry and other work. These categories of workers are defined as follows.

A person is regarded as cultivator if he or she is engaged either as employer, single worker, or family worker in cultivation of land owned, or held from Government or held from private persons or institutions for payment in money, kind or share. Cultivation includes supervision or direction of cultivation.

A person who works in another person's land for wages in money or kind or share is regarded as agricultural labourer. He or she has no risk in the cultivation.

Household Industry has been defined as an Industry conducted predominantly by the head of the house hold and/or by the members of the house hold at home or within the village in rural area and only within the precincts of the house where house hold lives in urban areas. It should involve production processing, servicing or repairs of articles or goods not in the scale of registered factory.

Other workers are those who are engaged in some economic activities during the last one year but who are not cultivators, or agricultural labourers or doing household Industry.

So far as the cultivators are concerned, the State average has been recorded as 47.00 per cent of the total working population as against the corresponding figures of 49.16 per cent during 1971. Among the cultivators males account for 51.38 per cent of the total male working population and the females account for 24.68 per cent of the total female working force as against corresponding figures of 52.71 per cent and 19.88 per cent respectively during 1971. There has been visible increase in female cultivators. The districts like Keonjhar, Mayurbhanj, Balasore, Phulbani, Balangir, Kalahandi and Koraput have recorded higher percentage of cultivators and the districts like Keonjhar, Mayurbhanj, Phulbani, Koraput and Ganjam have disclosed higher percentage of female cultivators than the State average.

In the category of Agricultural Labourers the State average has been recorded as 27.67 as against 28.28 per cent recorded during 1971. Sex-wise speaking, males account for 22.59 per cent and female account for 53.42 per cent. It is seen that there has been marginal decline in proportion of males with corresponding increase in female workers in this State. The districts like Sambalpur, Mayurbhanj, Phulbani, Balangir, Kalahandi, Koraput and Ganjam have recorded higher percentage of agricultural labourers than the State average. Similarly the participation of females as agricultural labourers is more in Mayurbhanj, Balasore, Balangir, Kalahandi, Koraput and Ganjam districts.

*Scheduled Caste and Scheduled Tribe Population*—According to the 1981 Census Scheduled Caste population stands at 38.66 lakhs which constitutes 14.66 per cent of the total population of the States as against 15.09 per cent in 1971 census. The Scheduled Caste population has declined by 0.43 per cent. All districts have higher percentage of scheduled caste population than the State average except Keonjhar, Koraput, Mayurbhanj, Puri and Sundargarh. Scheduled Tribe population as recorded in 1981 census are 59.15 lakhs accounting for 22.43 lakhs of the State population as against 23.11 per cent recorded in 1971 census. Thus the Scheduled Tribe population has come down during the current decade to an extent of 0.68 per cent. The districts like Kalahandi, Keonjhar, Koraput, Mayurbhanj, Phulbani, Sambalpur and Sundargarh have recorded higher percentage of Scheduled Tribes population than the State average. These districts which are predominantly inhabited by the Scheduled Tribes are Koraput, Mayurbhanj and Sundargarh.

A new strategy called "Tribal sub-plan" has been evolved for planning development of tribal areas and tribal communities. It has started from the Fifth Plan period. The area having more than 50% Tribal concentration has been split into smaller areas called Integrated Tribal Development Agencies (I. T. D. A.). There are 21 such agencies in the State. Each agency serves, as the unit of planning and executes development programmes. The tribal sub-plan aims at comprehensive development with focus on individual family. Suitable programmes for development of the families living below poverty line are executed. Sufficient funds are now invested in the tribal areas for infrastructure and individual family development from the Central and State Plans as well as Institutional Finance. This tribal sub-plan covers about 68% of tribal population in the State.

Under the programme of Economic Rehabilitation of Rural Poor, Poorest families belonging to the Scheduled Tribes and Scheduled Castes will be rehabilitated. Out of the Schemes implemented under E. R. R. P. only three schemes such as Animal Husbandry, Handloom and Rural Industries have received 25 per cent loan component and 75% subsidy component. Under Integrated Rural Development (I. R. D.) Programme most of the tribal families are assisted under various anti-poverty programmes. In the Statistical Tables of this Chapter the following data have been presented.

1. Population and literacy of different States
2. Decennial variation, sex ratio, urban ratio in population in Orissa
3. Population and growth rates in different tahsils in Orissa
4. Population and growth rates in cities and towns of Orissa
5. Distribution of main workers by sex and categories in different tahsils of Orissa
6. Distribution of main workers by sex and categories in different cities and towns of Orissa
7. Number of main workers in urban areas by sex and categories in different districts of Orissa
8. Scheduled Castes and Scheduled Tribes population in different districts of Orissa



## III. AREA AND POPULATION

Table No. 3-01

Population and Literacy by sex in Different States and Union Territories of India according to 1981 Census (Provisional)

India/States/Union Territories	Area in '000 Sq. Kms.	Total Population ( '000)			Percentage of Literacy		
		Persons	Males	Females	Persons	Males	Females
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
INDIA ..	3,308.2	683,810	3,53,347	330,463	36.17	46.74	24.88
1 Andhra Pradesh ..	275.1	53,404	27,036	26,368	29.94	39.13	20.52
2 Assam ..	99.6	19,903	10,473	9,430	N. A.	N. A.	N. A.
3 Bihar ..	173.9	69,823	35,865	33,958	26.01	37.78	13.58
4 Gujarat ..	196.0	33,961	17,485	16,476	43.75	54.53	32.31
5 Haryana ..	44.2	12,851	6,846	6,005	35.84	47.78	22.23
6 Himachalpradesh ..	55.5	4,237	2,131	2,106	41.94	52.36	31.39
7 Jammu and Kashmir ..	222.2	5,982	3,062	2,920	N. A.	N. A.	N. A.
8 Karnatak ..	191.8	37,043	18,869	18,174	38.41	48.61	27.83
9 Kerala ..	38.9	25,403	12,488	12,915	69.17	74.03	64.48
10 Madhayapradesh ..	443.4	52,132	26,857	25,275	27.82	29.38	15.54
11 Maharastra ..	307.7	62,694	32,341	30,353	47.37	58.89	35.08
12 Manipur ..	22.3	1,434	727	707	41.99	52.97	30.69
13 Meghalaya ..	22.4	1,328	679	649	33.22	36.98	29.28
14 Nagaland ..	16.6	773	414	359	41.99	49.16	33.72
15 Orissa ..	155.7	26,272	13,253	13,019	34.12	49.90	21.11
16 Punjab ..	50.4	16,670	8,840	7,830	40.74	46.59	34.14
17 Rajasthan ..	342.2	34,103	17,749	16,354	24.05	35.78	11.32
18 Sikkim ..	7.1	316	172	144	33.83	43.65	22.07
19 Tamilnadu ..	130.1	48,297	24,420	23,877	45.78	57.19	34.12
20 Tripura ..	10.5	2,060	1,058	1,002	41.58	51.05	31.60
21 Uttarpradesh ..	294.4	1,10,858	58,781	52,077	27.38	38.87	14.42
22 West Bengal ..	88.7	54,485	28,505	25,980	40.88	50.49	30.33
Total of States ..	3,188.7	674,029	348,052	325,977	35.86	46.46	24.55

## III. AREA AND POPULATION

Table No. 3·01

Population and Literacy by sex in different States and Union Territories of India according to 1981 Census (Provisional).

India/States/Union Territories	Area in 000' Sq. Kms.	Total Population ('000)			Percentage of Literacy		
		Persons	Males	Females	Persons	Males	Females
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>Union Territory</b>							
1. A. & N. Islands ..	8·2	188	107	81	51·27	58·44	41·85
2. Arunachal Pradesh ..	83·7	628	336	292	20·09	27·98	11·02
3. Chandigarh ..	0·1	450	254	196	64·60	68·82	59·30
4. D. & N. Haveli ..	0·5	104	53	51	26·16	36·19	16·75
5. Delhi ..	1·5	6,196	3,422	2,774	61·06	67·96	52·56
6. Goa, Daman and Diu	3·8	1,082	546	536	55·86	64·77	46·78
7. Lakshadweep ..	0·1	40	20	20	54·72	64·97	44·21
8. Mizoram ..	21·1	488	252	236	59·50	65·99	52·57
9. Pondicherry ..	0·5	604	304	300	54·23	64·20	44·30
<b>Total of Union Territories</b>	<b>119·5</b>	<b>9,781</b>	<b>5,295</b>	<b>4,486</b>	<b>56·94</b>	<b>64·29</b>	<b>48·26</b>

N. B.—The Population of Assam and Jammu and Kashmir are projected figures

SOURCE—Census Report 1981 (P)

## III. AREA AND POPULATION

Table No. 3-02

Decadal variation, Sex ratio and Urban ratio in population since 1901 in the State of Orissa

Year	Population—All persons			Population—Males		
	Rural	Urban	Total	Rural	Urban	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1901	10,048,233	254,684	10,302,917	4,928,628	129,472	5,058,100
1911	11,103,716	275,159	11,378,875	5,394,333	141,299	5,535,632
1921	10,899,088	281,498	11,558,586	5,206,835	143,392	5,350,227
1931	12,173,802	317,254	12,491,056	5,877,348	164,907	6,042,255
1941	13,355,430	412,528	13,767,958	6,491,010	215,477	6,706,487
1951	14,051,876	594,070	14,645,946	6,927,016	315,876	7,242,892
1961	16,439,196	1,109,650	17,548,846	8,156,598	613,988	8,770,586
1971	20,099,220	1,845,395	21,944,615	10,041,023	1,000,060	11,041,083
1981	23,259,984	3,110,287	26,370,271	11,582,916 (p)	1,670,607 (p)	13,253,523 (p)

Year	Population—Females			Percentage decadal variation in Population—All persons		
	Rural	Urban	Total	Rural	Urban	Total
(1)	(8)	(9)	(10)	(11)	(12)	(13)
1901	5,119,605	125,212	5,244,817	..	..	..
1911	5,709,383	133,860	5,843,243	+10.50	+8.04	+10.44
1921	5,670,253	138,106	5,808,359	-2.04	+2.30	-1.94
1931	6,296,454	152,347	6,448,801	+11.92	+12.70	+11.94
1941	6,864,450	197,051	7,061,501	+9.71	+30.03	+10.22
1951	7,124,860	278,194	7,403,054	+5.21	+44.01	+6.38
1961	8,282,598	495,662	8,778,260	+16.99	+86.79	+19.82
1971	10,058,197	845,335	10,903,532	+22.26	+66.30	+25.05
1981	11,583,503 (p)	1,435,028 (p)	13,018,531 (p)	+15.26	+68.29	+19.72

P=Provisional

## III. AREA AND POPULATION

Table No. 3-02—*Concl'd.*

Decadal variation, sex ratio and Urban ratio in population since 1901 in the State of Orissa

Year	Percentage decadal variation in population					
	Males			Females		
	Rural	Urban	Total	Rural	Urban	Total
(1)	(14)	(15)	(16)	(17)	(18)	(19)
1901	..	..	..	—	..	..
1911	+9.45	+9.13	+9.44	+11.52	+6.91	11.11
1921	—3.60	+1.48	—3.35	—00.69	+3.17	11.69
1931	+12.48	+15.00	+12.93	+11.04	+10.31	+10.65
1941	+10.44	+30.67	+10.99	+9.02	+29.34	9.18
1951	+6.72	+46.59	+8.00	+3.79	+41.18	11.11
1961	+17.75	+94.38	+21.09	+16.25	+78.17	17.11
1971	+23.10	+62.68	+25.89	+21.44	+70.55	21.11
1981	+15.36	+67.05	+20.04	+15.16	+69.76	19.11

Year	Number of Females per thousand Males			Percentage of Rural population in the Total population		Total
	Rural	Urban	Total	Persons	Males	
	(20)	(21)	(22)	(23)	(24)	
1901	1,039	967	1,037	97.53	97.44	97.48
1911	1,058	947	1,056	97.58	97.45	97.51
1921	1,089	963	1,086	97.48	97.32	97.40
1931	1,071	924	1,067	97.46	97.27	97.36
1941	1,058	914	1,053	97.00	96.79	96.89
1951	1,029	881	1,022	95.94	95.64	95.79
1961	1,015	807	1,001	93.68	93.00	93.35
1971	1,002	845	988	91.59	90.94	91.25
1981	1,000	859	982	88.18	87.39	87.78

Source—Census Report

## AREA AND POPULATION

Table No. 3·03

Area, Rural and Urban population in different Tahasils according to  
1971 and 1981 census in the State of Orissa

Name of the District & Tahasils and Census year	Area in Sqr. Km.	Population			Percentage of Urban population to Total population	Decennial growth rate		
		Total	Rural	Urban		Total	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>ORISSA</b>								
1971	155,842·0	21,944,615	20,099,220	1,845,395	8·41	+25·05	+22·26	+66·30
1981	155,707	26,370,271	23,259,984	3,110,287	11·79	+20·17	+15·23	+68·54
<b>Balasore District</b>								
1971	6394·0	1,830,504	1,730,350	100,154	5·47	+29·28	+30·69	+8·98
1981	6,311·0	2,252,808	2,066,845	185,963	8·25	+23·07	+19·45	+85·68
<b>1. Jaleswar—</b>								
1971	673·5	245,834	239,123	6,711	2·73	..	..	..
1981	673·4	310,671	297,525	13,146	4·23	+26·37	+24·42	+95·89
<b>2. Basta—</b>								
1971	722·7	216,880	216,980	..	..	..	..	..
1981	722·61	274,154	274,819	..	..	+26·35	+26·66	..
<b>3. Balasore—</b>								
1971	588·0	210,671	164,432	46,239	21·95	..	..	..
1981	587·93	267,821	202,042	65,779	24·56	+27·13	+22·87	+42·26
<b>4. Nilagiri—</b>								
1971	681·2	121,768	121,768	..	..	..	..	..
1981	681·17	138,200	138,200	..	..	+13·49	+13·49	..
<b>5. Soro—</b>								
1971	1,041·1	295,977	295,977	..	..	..	..	..
1981	1,041·18	366,216	347,617	18,599	5·24	+23·73	+17·45	..
<b>6. Bhadrak—</b>								
1971	1,593·4	431,567	391,080	40,487	9·38	..	..	..
1981	1,096·09	380,620	320,020	60,600	15·92	—11·81	—18·17	+49·68
<b>7. Basudebpur—</b>								
1971	..	..	..	..	..	..	..	..
1981	497·28	150,134	130,103	20,031	13·34	+19·87	+3·87	..
<b>8. Chandbali—</b>								
1971	582·0	131,873	125,156	6,717	5·09	..	..	..
1981	581·97	154,384	146,576	7,808	5·06	+17·07	+17·11	+16·24
<b>9. Dhamanagar—</b>								
1971	611·5	175,834	175,834	..	..	..	..	..
1981	611·50	209,943	209,943	..	..	+29·40	+19·40	..

## AREA AND POPULATION

Table No. 3·03—Contd.

Area, Rural and Urban population in different Tahasils according to  
1971 and 1981 Census in the State of Orissa

Name of the District & Tahasils and Census year	Area in Sq. Km.	Population			Percentage of Urban population to total population	Decennial growth rate		
		Total	Rural	Urban		Total	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>Balangir District</b>								
1971	8,903·0	1,263,657	1,176,994	86,663	6·86	+18·24	+15·50	+74·52
1981	8,913·0	1,459,113	1,325,888	133,225	9·14	+15·47	+12·64	+53·78
1. Patnagarh—								
1971	1,881·8	224,439	214,354	10,085	4·49	..	..	..
1981	1,881·82	250,772	237,175	13,597	5·42	+11·73	+10·65	+34·82
2. Titlagarh—								
1971	2,421·6	348,066	321,737	26,329	7·56	..	..	..
1981	2,421·65	381,834	345,530	36,304	9·51	+9·70	+7·40	+37·89
3. Balangir—								
1971	2,248·1	468,574	332,826	35,748	9·70	..	—	..
1981	2,248·12	429,121	347,178	54,943	12·80	+16·43	+12·42	+55·22
4. Ramapur—								
1971	..	..	..	..	..	..	..	..
1981	564·99	166,794	155,790	11,004	6·60	+43·77	+34·21	..
5. Birmaharajpur								
1971	896·2	99,708	99,708	..	..	..	..	..
1981	896·14	108,703	108,703	..	..	+7·95	+7·95	..
6. Sonapur—								
1971	1,388·2	222,870	208,369	14,501	6·51	..	..	..
1981	823·25	121,889	104,512	17,377	14·26	—45·31	—49·84	+19·83

## AREA &amp; POPULATION

Table No. 3-03—Contd.

Area, Rural and Urban population in different Tahsils according to 1971 and 1981 Census in the State of Orissa

Name of the district and Tahsil and Census year	Area in Sqr. Km.	Population			Percentage of Urban population to total population	Decennial growth rate		
		Total	Rural	Urban		Total	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>CUTTACK DIST.</b>								
1971 ..	11,211.00	3,827,678	3,522,055	305,623	7.98	+24.96	+23.39	+46.51
1981 ..	11,142.00	4,628,800	4,152,807	475,993	10.28	+20.93	+17.91	+55.75
1. Sukinda ..								
1971 ..	1,174.1	215,668	201,822	13,846	6.42	..	..	..
1981 ..	1,174.05	264,755	243,820	20,935	7.91	+22.76	+20.81	+51.20
2. Darpani ..								
1971 ..	885.00	315,242	315,242	..	..	..	..	..
1981 ..	885.00	379,620	379,620	..	..	+20.42	+20.42	..
3. Binjharpur ..								
1971 ..	..	..	..	..	..	..	..	..
1981 ..	360.01	219,591	219,591	..	..	+19.30	+16.30	..
4. Jajpur ..								
1971 ..	828.8	417,654	400,947	16,707	4.00	..	..	..
1981 ..	468.79	271,127	249,895	22,232	8.20	-35.08	-37.67	+33.07
5. Kanika ..								
1971 ..	638.4	116,207	116,207	..	..	..	..	..
1981 ..	254.00	107,253	107,253	..	..	-7.71	-7.71	..
6. Aul ..								
1971 ..	294.5	108,513	108,513	..	..	..	..	..
1981 ..	215.5	102,858	102,858	..	..	-5.21	-5.21	..
7. Rajnagar ..								
1971 ..	..	..	..	..	..	..	..	..
1981 ..	823.00	95,570	95,570	..	..	+27.19	+27.19	..
8. Pattamundai ..								
1971 ..	551.7	157,913	157,913	..	..	..	..	..
1981 ..	541.60	152,259	152,259	..	..	-3.58	-3.58	..
9. Kendrapara ..								
1971 ..	398.09	194,057	173,978	20,079	10.35	..	..	..
1981 ..	398.09	230,646	203,082	27,564	11.95	+18.85	+16.73	+37.28
10. Salepur ..								
1971 ..	756.00	376,392	376,392	..	..	..	..	..
1981 ..	756.00	444,766	444,766	..	..	+18.17	+18.17	..

## AREA &amp; POPULATION

Table No. 3-03—Contd.

Area, Rural and Urban population in different Tahsils according to 1971 and 1981 Census  
in the State of Orissa

Name of the district and Tahsil and Census year	Area in Sqr. Km.	Population			Percentage of Urban population to total population	Decennial growth rate		
		Total	Rural	Urban		Total	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
11. Marshaghai								
1971	611.2	246,761	246,761	..	..	..	..	..
1981	611.32	292,633	292,633	..	..	+18.59	+18.59	..
12. Kujang								
1971	1,012.7	305,319	298,614	6,705	2.20	..	..	..
1981	1,012.69	374,318	341,276	33,042	8.83	+22.60	+14.29	+392.80
13. Jagatsingpur								
1971	767.5	335,686	335,686	..	..	..	..	..
1981	784.8	417,183	396,057	21,126	5.06	+24.28	+17.98	..
14. Niali								
1971	323.2	142,671	142,671	..	..	..	..	..
1981	323.23	171,003	171,003	..	..	+19.86	+19.86	..
15. Cuttack								
1971	725.2	448,147	218,088	230,059	51.33	..	..	..
1981	629.32	584,041	256,629	327,412	56.06	+30.32	+17.67	+42.32
16. Athagarh								
1971	422.2	88,782	79,851	8,931	10.06	+197.09	..	..
1981	422.81	106,268	95,181	11,087	10.43	+197.09	+19.20	+24.14
17. Tigiria								
1971	119.1	42,476	42,476	..	..	..	..	..
1981	119.00	49,917	49,917	..	..	+17.52	+17.52	..
18. Banki								
1971	512.8	134,386	125,090	9,296	6.92	..	..	..
1981	512.8	157,142	144,547	12,595	8.15	+16.93	+15.55	+35.48
19. Badamba								
1971	370.4	87,392	87,392	..	..	..	..	..
1981	370.37	99,595	99,595	..	..	+13.96	+13.96	..
20. Narsinghpur								
1971	635.6	94,412	94,412	..	..	..	..	..
1981	635.59	107,255	107,255	..	..	+13.57	+13.57	..



## AREA AND POPULATION

Table No. 3·03—Contd.

Area, Rural and Urban population in different tahsils according to 1971 and 1981 Census in the State of Orissa

Name of the District and Tahsil and Census year	Area in Sqr. Km.	Population			Percentage of Urban population to total population	Decennial growth rate		
		Total	Rural	Urban		Total	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>DHENKANAL DISTRICT</b>								
1971 ..	10,826·00	1,293,914	1,242,102	51,812	4·00	+22·01	+26·81	+10·03
1981 ..	10,827·7	1,582,787	1,459,073	123,714	7·82	+22·32	+17·47	+38·77
<b>1. Palalahara</b>								
1971 ..	1,167·00	67,700	67,700	..	..	..	..	..
1981 ..	1,166·98	82,567	82,567	..	..	+21·96	+21·96	..
<b>2. Talcher</b>								
1971 ..	1,004·6	150,361	138,567	11,794	7·84	..	..	..
1981 ..	1,004·55	210,729	166,399	44,330	21·04	+40·14	+20·09	+275·87
<b>3. Chhendipada</b>								
1971 ..	..	..	..	..	..	..	..	..
1981 ..	827·78	85,012	85,012	..	..	+18·50	+18·60	..
<b>4. Athamallik</b>								
1971 ..	1,841·6	12,720	127,266	..	..	..	..	..
1981 ..	1,841·49	150,756	150,756	..	..	+18·46	+18·46	..
<b>5. Angul</b>								
1971 ..	2,332·00	283,210	274,157	9,053	3·20	..	..	..
1981 ..	1,504·26	256,670	238,610	18,060	7·04	—9·37	—12·97	+99·49
<b>6. Hindol</b>								
1971 ..	821·8	107,749	107,749	..	..	..	..	..
1981 ..	821·83	127,084	127,081	..	..	+17·94	+17·94	..
<b>7. Dhenkanal</b>								
1971 ..	1,538·3	283,608	263,993	19,615	6·92	..	..	..
1981 ..	1,538·28	341,709	306,056	35,653	10·43	+20·49	+15·93	+81·76
<b>8. Kamakshyanagar</b>								
1971 ..	2,238·9	274,020	262,670	11,350	4·14	..	..	..
1981 ..	2,238·87	328,263	302,592	25,671	7·82	+19·80	+15·20	+126·18

## AREA AND POPULATION

Table No. 3-03—Contd.

Area, Rural and Urban population in different tahsils according to 1971 and 1981 Census in the State of Orissa

Name of the District and Tahsil and Census year	Area in Sq. Km.	Population			Percentage of Urban population to total population	Decennial growth rate		
		Total	Rural	Urban		Total	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>GANJAM DISTRICT</b>								
1971 ..	12,527.00	2,293,808	2,033,952	259,856	11.33	+22.50	+18.48	+66.74
1981 ..	22,556.00	2,669,899	2,289,510	380,389	14.25	+16.40	12.56	+46.38
<b>1. Ghumsur</b>								
1971 ..	2,126.5	306,354	281,740	24,614	8.03	+19.77	+17.36	+56.64
1981 ..	2,132.97	343,463	311,518	31,945	9.30	+12.11	+10.57	+29.78
<b>2. Surada</b>								
1971 ..	945.4	102,660	92,827	9,833	9.58	+19.24	+19.95	+12.98
1981 ..	958.30	121,153	109,884	11,269	9.30	+18.01	+18.38	+14.60
<b>3. Asika</b>								
1971 ..	963.8	232,868	219,914	12,954	6.56	+25.27	+24.33	+43.55
1981 ..	851.09	263,876	247,482	16,394	6.21	+13.32	+12.36	+26.56
<b>4. Digapahandi</b>								
1971 ..	1,067.2	208,622	208,622	..	..	+22.16	+22.16	..
1981 ..	1,067.08	239,866	232,013	7,853	3.27	+14.98	+11.21	..
<b>5. R. Udayagiri</b>								
1971 ..	2,359.3	125,258	125,258	..	..	+26.44	+26.44	..
1981 ..	1,881.88	147,150	147,150	..	..	+17.48	+17.48	..
<b>6. Paralakhemundi</b>								
1971 ..	1,405.6	227,340	200,423	26,917	11.84	+20.45	+20.71	+18.54
1981 ..	1,220.22	258,799	217,303	41,496	16.03	+8.42	+8.42	+54.16
<b>7. Chikiti</b>								
1971 ..	834.7	117,535	117,535	..	..	+18.03	+18.03	..
1981 ..	834.76	131,394	123,217	8,177	6.22	+11.80	+4.83	..
<b>8. Berhampur</b>								
1971 ..	393.7	301,592	180,347	121,245	40.20	+28.32	+16.68	+50.68
1981 ..	532.53	376,949	209,896	167,053	44.32	+24.99	+16.38	+37.78
<b>9. Chatrapur</b>								
1971 ..	766.7	305,925	268,600	37,325	12.20	+22.48	+14.83	+136.30
1981 ..	564.73	280,459	244,978	35,481	12.65	—8.32	—8.79	—4.94
<b>10. Khallikote</b>								
1971 ..	—	..	..	..	..	..	..	..
1981 ..	642.37	222,701	206,165	16,536	7.42	+15.40	+14.96	+21.05
<b>11. Kodala</b>								
1971 ..	1,375.3	365,654	338,686	26,968	7.37	+21.17	+13.50	+701.43
1981 ..	420.85	284,089	239,904	44,185	15.55	—22.30	—29.17	—63.84

## AREA AND POPULATION

Table No. 3'03—Contd.

Area, Rural and Urban population in different Tahsils according to 1971 and 1981  
Census in the State of Orissa

Name of the District and Tahsil and Census year	Area in Sqr. Km.	Population			Percentage of Urban popubtion to total population	Decennial growth rate			
		Total	Rural	Urban		Total	Rural	Urban	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
KALAHANDI DIST.									
1971	...	11,835.00	1,163,869	1,107,316	56,553	4.86	+22.92	+20.58	+97.92
1981	..	11,772.00	1,339,192	1,258,651	80,541	6.01	+15.06	+13.67	+42.17
1. Nuapada									
1971	..	3,398.1	338,894	322,017	16,877	4.98	..	..	..
1981	..	2,193.73	197,111	185,663	11,448	5.80	-41.84	-42.34	-32.17
2. Khariar									
1971	..	--	..	..	..	..	..	..	..
1981	--	1,204.35	195,572	185,626	9,946	5.09	+14.53	+13.80	+30.04
3. Dharmagarh									
1971	..	1,361.1	201,428	193,552	7,876	3.91	..	..	..
1981	..	1,48,1.72	247,324	237,131	10,123	4.09	+22.79	+22.52	+28.53
4. Jaipatna									
1971	..	1,554.00	215,794	215,794	..	..	..	..	..
1981	..	1,433.45	220,840	220,840	..	..	+2.34	+2.34	..
5. Kalahandi									
1971	..	2,593.7	236,223	204,423	31,800	13.46	..	..	..
1981	..	2,593.63	276,434	227,480	48,954	17.71	+17.02	+11.28	+53.56
6. Lanjigarh									
1971	..	2,688.6	171,530	171,530	..	..	..	..	..
1981	..	2,688.55	201,911	201,811	..	..	+17.71	+17.71	

## AREA AND POPULATION

Table No. 3-03—Contd.

Area, Rural and Urban population in different Tahsils according to 1971 and 1981  
Census in the State of Orissa

Name of the district and Tahsil and Census year	Area in Sq. Km.	Population			Percentage of Urban population to total population	Decennial growth rate			
		Total	Rural	Urban		Total	Rural	Urban	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
KEONJHAR DIST									
1971	..	8,240.00	955,514	888,169	67,347	7.05	+28.55	+24.86	+110.70
1981	..	8,303.00	1,114,622	988,266	126,356	11.34	+16.65	+11.27	+87.62
1. Telkoi									
1971	..	1,904.2	117,934	117,934	..	..	..	..	..
1981	..	1,904.17	140,436	..	..	..	+19.08	+19.08	..
2. Barbil									
1971	..	884.4	128,982	87,287	41,695	32.33	..	..	..
1981	..	884.74	151,845	82,997	58,848	45.34	+17.73	-4.91	+65.12
3. Champua									
1971	..	700.6	113,299	113,299	..	..	..	..	..
1981	..	700.6	125,007	125,007	..	..	+10.33	+10.33	..
4. Keonjhar									
1971	..	3,445.9	343,125	323,785	19,340	5.64	..	..	..
1981	..	3,446.00	399,046	366,143	32,903	8.25	+16.30	+13.08	+70.13
5. Anandapur									
1971	..	1,395.2	252,174	245,862	6,312	2.50	..	..	..
1981	..	1,395.23	298,288	273,683	24,605	8.25	+18.29	+11.32	+289.81

## AREA AND POPULATION

Table No. 3-03 (Contd.)

Area, Rural and Urban Population in different Tahsils according to 1971 and 1981 Census in the State of Orissa.

Name of the district and Tahsil and Census year	Area in Sq. Km.	Population			Percentage of Urban population to total population	Decennial growth rate		
		Total	Rural	Urban		Total	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>KORAPUT DISTRICT</b>								
1971	27,020.00	20,43,281	18,76,022	1,67,259	8.19	+30.89	+26.41	+117.30
1981	26,961.00	24,84,005	22,03,043	2,80,962	11.31	+21.57	+17.43	+67.48
<b>1. Motu</b>								
1971	2,626.3	65,007	65,007	..	..	..	..	..
1981	2,626.26	101,374	101,374	..	..	+55.94	+55.94	..
<b>2. Mallangiri</b>								
1971	3,299.7	203,858	196,364	7,494	3.68	+43.61	+38.33	..
1981	3,632.88	233,516	200,731	32,785	14.04	+14.55	+2.22	+337.48
<b>3. Jeypore</b>								
1971	1,841.6	161,091	126,772	34,319	21.31	+15.16	+10.62	+35.70
1981	437.00	209,887	155,906	53,981	25.72	+30.29	+22.98	+57.29
<b>4. Machhakunda</b>								
1971	..	..	..	..	..	..	..	..
1981	833.90	70,704	70,704	..	..	+13.77	+13.77	..
<b>5. Mandapur</b>								
1971	2,533.00	200,192	172,212	27,980	13.98	+25.54	+9.72	+95.97
1981	1,699.10	176,243	135,868	40,375	22.91	-11.96	-21.10	+44.30
<b>6. Koraput</b>								
1971	2,802.4	190,100	168,595	21,505	11.31	+30.33	+21.82	+188.23
1981	2,802.40	223,123	191,458	31,665	14.19	+17.37	+13.56	+47.24
<b>7. Boriguma</b>								
1971	713.3	96,511	96,511	..	..	-101.44	-101.44	..
1981	713.29	103,991	103,991	..	..	+7.75	+7.75	..

## AREA AND POPULATION

Table No 3.03 (Contd.)

Area, Rural and Urban population in different Tahsils according to 1971 and 1981 Census in the State of Orissa.

Name of the district and Tahsil and Census year	Area in Sq. Km.	Population			Percentage of Urban population to total population	Decennial growth rate		
		Total	Rural	Urban		Total	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>8. Kotpad</b>								
1971	647.5	93,288	83,432	9,856	10.57	..	..	..
1981	647.50	102,796	91,192	11,604	11.29	+10.19	+9.30	+17.74
<b>9. Kodinga</b>								
1971	..	..	..	..	..	..	..	..
1981	611.00	100,863	100,863	..	..	+15.02	+15.02	..
<b>10. Umarkote</b>								
1971	3,266.9	251,109	241,283	9,826	3.91	+38.20	+32.79	..
1981	3,266.82	340,201	325,892	14,309	4.21	+35.49	+35.07	+45.62
<b>11. Nabarangpur</b>								
1971	1,881.1	270,792	257,053	13,739	5.07	+85.09	+89.12	+32.36
1981	1,259.75	212,556	187,048	25,508	12.00	-21.51	-27.23	+85.66
<b>12. Kshipur</b>								
1971	1,502.2	77,407	77,407	..	..	..	..	..
1981	1,502.20	85,704	85,704	..	..	+9.43	+9.43	..
<b>13. Rayagada</b>								
1971	1,807.9	172,904	147,840	25,064	14.50	..	..	..
1981	1,807.82	212,830	164,505	48,325	22.71	+23.09	+11.27	+92.81
<b>14. Gunpur</b>								
1971	2,724.8	156,830	139,354	17,476	11.14	+24.14	+19.97	+71.67
1981	2,724.68	183,851	161,441	22,410	12.19	+17.23	+15.50	+28.23
<b>15. Bissam Cuttack</b>								
1971	1,546.2	104,192	104,192	..	..	32.57	+22.57	..
1981	1,546.20	126,366	126,366	..	..	+21.28	+21.28	..

## AREA AND POPULATION

Table No. 3-03—(Contd.)

Area, Rural and Urban population in different Tahsils according to 1971 and 1981 Census in the State of Orissa

Name of the district and Tahsil and Census year	Area in Sq. Km.	Population			Percentage of Urban population to total population	Decennial growth rate		
		Total	Rural	Urban		Total	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>MAYURBHANJ DISTRICT</b>								
1971 ..	10,412.00	1,434,200	1,394,249	39,951	2.79	+19.12	+18.60	+40.57
1981 ..	10,418.00	1,581,873	1,491,335	90,538	5.72	+10.30	+6.96	+126.62
<b>1. Raipur</b>								
1971 ..	1,908.20	331,173	319,947	11,226	3.39	..	..	..
1981 ..	1,908.20	351,544	336,041	15,503	4.41	+6.15	+5.03	+38.10
<b>2. Baripada</b>								
1971 ..	3,202.70	416,415	387,590	28,725	6.90	..	..	..
1981 ..	2,320.70	477,82	424,839	52,989	11.09	+14.25	+9.61	+84.47
<b>3. Betanati</b>								
1971 ..	989.10	203,147	203,147	..	..	..	..	..
1981 ..	989.10	228,447	228,447	..	..	+12.45	+12.45	..
<b>4. Udala</b>								
1971 ..	1,239.40	218,827	218,827	..	..	..	..	..
1981 ..	1,239.40	243,812	236,676	7,136	2.93	+11.44	+8.16	—
<b>5. Karanjia</b>								
1971 ..	3,077.20	264,738	264,738	..	..	..	..	..
1981 ..	3,077.20	280,242	265,332	14,910	5.32	+5.86	+0.22	..

## AREA AND POPULATION

Table No. 3-03—(Contd.)

Area, Rural and Urban population in different Tahsils according to 1971 and 1981 Census in the State of Orissa

Name of the district and Tahasil and Census year	Area in Sq. Km.	Population			Percentage of Urban population to total population	Decennial growth rate		
		Total	Rural	Urban		Total	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>BAUDH-KONDHMALS, PHULBANI DISTRICT</b>								
1971 ..	11,070.0	621,675	602,107	19,568	3.15	+20.85	+18.45	+221.42
1981 ..	11,094.00	717,280	679,519	37,761	5.26	+15.38	+12.86	+92.97
<b>1. Kontamal</b>								
1971 ..	..	..	..	..	..	..	..	..
1981 ..	1,442.63	110,358	110,358	..	..	+12.18	+12.18	..
<b>2. Baudh</b>								
1971 ..	3,444.8	227,902	219,011	8,891	3.90	..	..	..
1981 ..	2,002.07	158,008	145,419	12,589	7.97	-30.67	-33.60	+41.59
<b>3. Khandamal</b>								
1971 ..	2,017.6	111,001	100,324	10,677	9.62	..	..	..
1981 ..	2,017.61	131,105	112,779	18,326	13.98	+18.11	+12.41	+71.64
<b>4. Baliguda</b>								
1971 ..	5,333.1	160,149	160,149	..	..	+15.39	+15.39	..
1981 ..	2,139.13	184,793	184,793	..	..	+14.21	+14.21	..
<b>5. G. Udayagiri</b>								
1971 ..	1,295.00	122,623	122,623	..	..	+18.18	+18.18	..
1981 ..	1,295.00	133,016	126,170	6,846	5.15	+8.48	+2.89	..



## AREA AND POPULATION

Table No. 3-03 (Contd)

Area, Rural and Urban population in different Tahsils according to 1971 and 1981 Census in the State of Orissa.

Name of the district and Tahsil and Census year	Area in Sq. km.	Population			Percentage of Urban population to total population	Decennial growth rate		
		Total	Rural	Urban		Total	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>PURI DISTRICT</b>								
1971 ..	10,159.0	23,40,859	21,11,712	229,147	9.79	+24.79	+21.95	+71.77
1981 ..	10,182.0	29,21,045	24,88,966	432,079	14.79	+24.39	+17.86	+88.56
<b>1. Dasapala</b>								
1971 ..	1,366.5	83,074	83,074	..	..	..	..	..
1981 ..	1,366.49	100,528	100,528	..	..	+21.01	+21.01	..
<b>2. Nayagarh</b>								
1971 ..	1,429.7	271,469	266,260	5,209	1.92	..	..	..
1981 ..	1,429.70	318,191	310,431	7,760	2.44	+17.21	+16.58	+48.97
<b>3. Khandapada</b>								
1971 ..	621.7	138,702	138,702	..	..	..	..	..
1981 ..	621.70	161,602	153,725	7,877	4.87	+16.51	+10.83	..
<b>4. Khurdha</b>								
1971 ..	997.2	259,573	243,694	15,879	6.12	..	..	..
1981 ..	997.20	310,057	287,671	22,386	7.22	+19.44	+18.05	+40.98
<b>5. Pipili</b>								
1971 ..	388.0	149,277	149,277	..	..	..	..	..
1981 ..	376.08	182,406	173,667	8,739	4.79	+22.19	+16.34	..
<b>6. Bhubaneswar</b>								
1971 ..	935.2	395,510	260,125	135,385	34.23	..	..	..
1981 ..	935.22	567,573	306,607	260,966	45.98	+43.50	+17.87	+92.76
<b>7. Nimapara</b>								
1971 ..	959.6	328,595	328,595	..	..	..	..	..
1981 ..	981.68	396,707	385,301	11,406	2.88	+20.72	+17.26	..
<b>8. Puri</b>								
1971 ..	1,438.5	395,170	322,496	72,674	18.39	..	..	..
1981 ..	1438.52	490,622	389,680	100,942	20.57	+24.15	+20.83	+38.90
<b>9. Krushnaprasad</b>								
1971 ..	772.7	25,990	25,990	..	..	..	..	..
1981 ..	728.50	33,395	33,395	..	..	+28.49	+28.49	..
<b>10. Banapur</b>								
1971 ..	916.9	208,246	208,246	..	..	..	..	..
1981 ..	916.90	256,893	244,890	12,003	4.67	+23.36	+17.60	..
<b>11. Ranapur</b>								
1971 ..	523.2	85,253	85,253	..	..	..	..	..
1981 ..	523.18	103,071	103,071	..	..	+20.90	+20.90	..

## AREA AND POPULATION

Table No. 3·03 (Contd.)

Area, Rural and Urban population in different Tahsils according to 1971 and 1981 Census in the State of Orissa.

Name of the district and Tahsil and Census year.	Area in Sq. Km.	Population			Percentage of Urban population to total population	Decennial growth rate			
		Total	Rural	Urban		Total	Rural	Urban	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
SAMBALPUR DISTRICT									
1971	—	17,570·0	1,844,898	1,623,121	221,777	12·02	+23·29	+16·49	+92·22
1981	..	17,516·0	2,280,976	1,927,543	353,433	15·49	+23·50	+18·76	+59·36
1. Padmapur									
1971	..	3,142·5	393,906	386,557	7,349	1·87	..	..	..
1981	..	3,142·45	435,789	425,452	10,337	2·37	+10·63	+10·06	+40·66
2. Baragarh									
1971	..	2,689·1	445,716	413,834	31,882	7·15	..	..	..
1981	..	1,701·50	367,493	318,454	49,039	13·34	—17·55	—23·05	+53·81
3. Jharsuguda									
1971	..	2,147·1	283,320	226,776	56,544	19·96	..	..	..
1981	..	2,203·11	364,188	255,296	108,892	29·90	+28·54	+12·58	+92·58
4. Kochinda									
1971	—	2,367·4	162,989	150,978	12,011	7·37	..	..	..
1981	..	2,367·26	188,263	178,893	9,370	4·98	+15·51	+18·38	—21·99
5. Deogarh									
1971	..	2,781·7	163,243	82,558	80,685	49·43	..	..	—
1981	...	2,781·66	197,671	184,090	13,581	6·87	+21·09	+122·98	—83·17
6. Rairakhol									
1971	..	2,157·5	68,458	68,458	..	..	..	..	..
1981	..	2,157·47	82,309	82,309	..	..	+20·23	+20·23	..
7. Sambalpur									
1971	..	2,235·2	327,266	222,181	105,085	32·11	..	..	..
1981	..	2,179·20	416,191	253,977	162,214	38·98	+27·17	+14·31	+54·36
8. Attabira									
1971	..	..	..	..	..	..	..	..	..
1981	..	987·60	229,072	229,072	..	..	+42·36	+42·36	..

## AREA AND POPULATION

Table No. 303 (Contd.)

Area, Rural and Urban population in different Tahsils according to  
1971 and 1981 Census in the State of Orissa

Name of the district and Tahsil and Census year	Area in Sq. Km.	Population			Percentage of Urban population to total population	Decennial growth rate		
		Total	Rural	Urban		Total	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>SUNDARGARH DISTRICT</b>								
1971	9,675.0	1,030,758	791,073	239,683	23.25	+35.87	+27.01	+76.55
1981	9,712.0	1,337,871	928,538	409,333	30.60	+29.79	+17.38	+70.78
<b>1. Hemagiri</b>								
1971	1,450.4	94,397	94,397	..	..	..	..	..
1981	1,450.40	109,601	109,601	..	..	+16.11	+16.11	..
<b>2. Sundargarh</b>								
1971	1,816.4	191,182	173,938	17,244	9.02	..	..	..
1981	1,816.37	221,263	199,564	23,699	10.61	+16.78	+14.73	+37.43
<b>3. Rajgangapur</b>								
1971	1,348.9	156,096	134,220	21,876	14.01	..	..	..
1981	1,348.87	194,559	162,634	31,925	16.41	+24.64	+21.17	+45.94
<b>4. Panposh</b>								
1971	1,840.2	412,019	211,454	200,565	48.68	..	..	..
1981	1,840.19	594,978	241,269	353,709	59.45	+44.41	+14.10	+76.36
<b>5. Bonai</b>								
1971	3,356.7	177,064	177,064	..	..	..	..	..
1981	3,356.64	215,470	215,470	..	..	+21.69	+21.69	..

## III. AREA AND POPULATION

Table No. 3·04

Area, population and growth rates of cities and towns by size class of population according to 1971 and 1981 (Provisional) Census in the State of Orissa

District/Size class of population/City/Town	Census Year	Area in Sq. Km.	Population			Growth rate—Percentage of increase (+) or decrease (—)
			Persons	Males	Females	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>BALASORE DISTRICT</b>						
Class-II (50,000—99,999)						
1. Balasore (M)	1971	19·43	46,239	25,246	20,993	+36·27
	1981	19·43	65,771	35,208	30,563	+42·24
2. Bhadrak N.A.C.	1971	31·08	40,487	21,975	18,692	+60·72
	1981	31·08	60,573	32,418	28,155	+49·61
Class-III (20,000—49,999)						
3. Basudebpur N. A. C.	1971	..	..	..	..	..
	1981	47·78	20,029	10,442	9,587	..
Class-IV (10,000—19,999)						
4. Soro (N. A. C.)	1971	..	..	..	..	..
	1981	9·22	18,599	9,561	9,038	..
5. Jaleswar (N. A. C.)	1971	12·95	6,711	3,473	3,238	—34·22
	1981	12·95	13,147	6,929	6,218	+95·90
Class-V (5,000—9,999)						
6. Chandbali (N. A. C.)	1971	6·11	6,717	3,673	3,044	—28·59
	1981	6·11	7,808	4,149	3,659	+16·24

## III. AREA AND POPULATION

Table No. 3-04 (contd.)

Area, population and growth rates of cities and towns by size class of population according to 1971 and 1981 (Provisional) Census in the State of Orissa

District/Size class of population/City/Town	Census Year	Area in Sqr. Km.	Population			Growth rate— Percentage of increase+ or decrease(—)
			Persons	Males	Females	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>BALANGIR DISTRICT</b>						
Class-II (50,000—99,999)						
1. Balangir (M) ..	1971	31.08	35,748	18,686	17,062	+91.54
	1981	31.08	54,748	28,489	26,259	+53.15
Class-IV (10,000 — 19,999).						
2. Titilagarh (N. A. C.)..	1981	14.36	14,504	7,651	6,853	+95.13
	1971	10.36	19,787	10,374	9,423	+36.49
3. Kantabanji (N. A. C.)..	1971	7.77	10,489	5,443	5,046	+18.35
	1981	7.77	14,784	7,688	7,096	+40.95
4. Patangarh (N. A. C.)..	1971	18.26	10,085	5,185	4,900	+32.84
	1981	18.26	13,578	6,958	6,620	+34.64
5. Binika (N. A. C.) ..	1971	..	..	..	..	..
	1981	21.42	11,038	5,613	5,425	..
6. Sonepur (M) ..	1971	15.13	8,084	4,160	3,924	+13.73
	1981	15.13	10,451	5,412	5,039	+29.20
Class-V (5,000— 9,999).						
7. Tarbha (N. A. C.) ..	1971	12.95	6,417	3,295	3,122	..
	1981	12.95	6,926	3,463	3,463	+7.93

## III. AREA AND POPULATION

Table No. 3-04—Contd.

Area, population and growth rates of cities and towns by size class of population according to 1971 and 1981 (Provisional) Census in the State of Orissa

District/Size class of population/City/Town	Census Year	Area in Sq. Km.	Population			Growth rate— Percentage of increase + or (decrease —)
			Persons	Males	Females	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>CUTTACK DISTRICT</b>						
<b>Class-I (10,00,000 &amp; above.)</b>						
1. Cuttack (M) ..	1971	59.57	194,068	109,200	84,868	+32.64
	1981	78.87	269,064	149,111	119,953	+38.64
<b>Class-III (20,000—49,999)</b>						
2. Choudwar (M) ..	1971	31.08	24,300	14,765	9,535	+80.29
	1981	31.08	32,134	18,658	13,476	+32.24
3. Paradeep (N. A. C.) ..	1971	23.11	6,705	4,579	2,126	..
	1981	23.11	33,058	21,276	11,779	+392.99
4. Kendrapara (M) ..	1971	10.77	20,879	10,655	9,424	+26.84
	1981	10.77	27,519	14,627	12,892	+37.05
5. Jajpur (M) ..	1971	11.66	16,707	8,920	7,787	+21.05
	1981	11.65	22,292	11,897	10,395	+33.43
6. Jagatsinghpur (N. A. C.)	1971	..	..	..	..	..
	1981	18.25	21,162	11,036	10,126	..
<b>Class-IV (10,000—19,999)</b>						
7. Jajpur Road (N. A. C.) ..	1971	12.64	10,805	6,415	4,390	+80.41
	1981	12.69	16,496	9,638	6,858	+52.67
8. Banki (N. A. C) ..	1971	6.22	9,296	4,891	4,425	+56.66
	1981	6.22	12,594	6,701	5,893	+35.48
9. Athgarh (N. A. C.) ..	1971	10.36	8,931	4,566	4,365	+23.08
	1981	10.36	11,089	5,795	5,294	+24.16

## III. AREA AND POPULATION

Table No. 3·04—Contd.

Area, population and growth rates of cities and towns by size class of population according to 1971 and 1981 (Provisional) Census in the State of Orissa

District/Size class of population/City/Town	Census Year	Area in Sq. Km.	Population			Growth rate— Percentage of increase (+) or decrease(—)
			Persons	Males	Females	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>DHENKANAL DISTRICT</b>						
Class-III (20,000—49,999)						
1. Dhenkanal (M) ..	1971	4·56	19,615	10,953	8,662	+52·85
	1981	24·82	35,651	19,622	16,029	+81·75
Class-IV (10,000—19,999)						
2. Angul (N.A.C.) ..	1971	18·96	9,053	5,671	3,382	—42·48
	1981	19·24	18,058	10,713	7,345	+99·47
3. Talcher (M) ..	1971	17·66	11,794	6,315	5,499	+44·76
	1981	17·66	15,666	8,566	7,100	+32·83
4. Bhuban (N.A.C.) ..	1971	1·58	11,350	5,895	5,455	+19·78
	1981	1·58	15,516	7,988	7,528	+36·70
5. Rengali Dam Project Township (C. T.)	1971	..	..	..	..	..
	1981	6·25	13,213	8,212	5,001	..
6. Kamakshyanagar (C.T.)	1971	..	..	..	..	..
	1981	8·54	10,154	5,517	4,637	..
Class-V (5,000—9,999)						
7. Talcher Thermal Power Station Township (C.T.)	1971	..	..	..	..	..
	1981	2·00	5,371	3,151	2,220	..
8. Fertiliser Corporation of India Township (C. T.)	1971	..	..	..	..	..
	1981	3·59	5,065	2,970	2,095	..
Class-VI (Below 5,000)						
9. Dera Colliery Township (C.T.)	1971	..	..	..	..	..
	1981	4·02	4,452	2,566	1,886	..

## III. AREA AND POPULATION

Table No. 3-04—Contd.

Area, population and growth rates of cities and towns by size class of population according to 1971 and 1981 (Provisional) Census in the State of Orissa

District/Size class of population/City/Town	Census Year	Area in Sq. Km.	Population			Growth rate—Percentage of increase (+) or decrease (—)
			Persons	Males	Females	
(i)	(2)	(3)	(4)	(5)	(6)	(7)
<b>GANJAM DISTRICT</b>						
Class-I (1,00,000 and above)						
1. Berhampur (N) ..	1971	29.27	117,662	60,932	56,730	+52.94
	1981	76.15	162,407	84,396	78,011	+38.03
Class-III (20,000—49,999)						
2. Paralakhemundi(M)	1971	3.62	26,917	13,594	13,323	+18.54
	1981	3.63	32,318	16,301	16,017	+20.07
Class-IV (10,000 19,999)						
3. Aska (N.A.C.) ..	1971	5.18	12,954	6,619	6,335	+43.55
	1981	5.31	16,392	8,457	7,935	+26.54
4. Bhanjanagar(N.A.C.)	1971	7.00	12,353	6,447	5,906	+24.13
	1981	6.06	15,111	7,793	7,318	+22.33
5. Chatrapur (N.A.C.)	1971	6.47	10,835	5,525	5,310	+31.28
	1981	4.40	14,142	7,326	6,816	+30.52
6. Hinjili (N.A.C.) ..	1971	11.40	10,821	5,544	5,277	+34.79
	1981	11.81	13,760	7,034	6,726	+27.16
7. Polasara (N.A.C.)	1971	11.13	10,579	5,191	5,388	..
	1981	33.67	13,039	6,519	6,520	+23.25
8. Kavisurjya n a g a r (N. A. C.)	1971	13.47	9,500	4,763	4,737	..
	1981	18.13	11,866	5,994	5,872	+24.91
9. Surada (N.A.C.) ..	1971	4.92	9,833	5,060	5,773	+12.98
	1981	4.92	11,248	5,622	5,626	+14.39
10. Purusa t o m p u r (N. A. C.)	1971	13.47	8,898	4,418	4,480	..
	1981	34.89	10,739	5,461	5,278	+20.69



## III. AREA AND POPULATION

Table No. 3-04<sup>a</sup>—Contd.

Area, population and growth rates of cities and towns by size class of population according to 1971 and 1981 (Provisional) Census in the State of Orissa

District/Size class of population/City/Town	Census Year	Area in Sq. Km.	Population			Growth rate—Percentage of increase (+) or decrease (—)
			Persons	Males	Females	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>GANJAM DISTRICT</b>						
Class-V (5,000—9,999)						
11. Kashinagar (N.A.C.) ..	1971	..	..	..	..	..
	1981	10.36	9,175	4,516	4,659	..
12. Buguda (N.A.C.) ..	1971	4.40	5,148	2,583	2,565	..
	1981	11.40	8,710	4,304	4,406	—
13. Kodala (N.A.C.) ..	1971	..	..	..	..	..
	1981	12.09	8,532	4,195	4,337	..
14. Khalikote (N.A.C.) ..	1971	8.55	6,883	3,516	3,373	+104.73
	1981	28.49	8,340	4,329	4,011	+21.06
15. Rambha (N.A.C.) ..	1971	2.59	6,771	3,429	3,342	..
	1981	7.77	8,196	4,084	4,122	+21.05
16. Chikiti (N.A.C.) ..	1971	..	..	..	..	..
	1981	6.48	8,176	4,134	4,033	..
17. Baleguntha (N.A.C.) ..	1971	4.66	7,113	3,480	3,633	+23.45
	1981	5.18	7,918	3,867	4,051	+11.32
18. Digapahandi (N.A.C.)	1971	..	..	..	..	..
	1981	25.95	7,853	3,955	3,893	..
19. Ganjam (C. T.) ..	1971	..	—	..	..	..
	1981	7.77	7,572	3,926	3,646	..
Class-VI						
(Below 5,000)						
20. Gopalpur (N.A.C.) ..	1971	2.85	3,583	1,795	1,788	+1.33
	1981	2.59	4,502	2,292	2,210	+25.65

## III. AREA AND POPULATION

Table No. 3-04 *Contd.*

Area, population and growth rates of cities and towns by size class of population according to 1971 and 1981 (Provisional) Census in the State of Orissa

District/Size class of population/City/Town	Census Year	Area in Sq. Km.	Population			Growth rate—Percentage of increase (+) or decrease (—)
			Persons	Males	Females	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>KALAHANDI DISTRICT</b>						
<b>Class-III</b>						
<b>(20,000—49,999)</b>						
1. Bhawanipatana (M.) ..	1971	14.37	23,264	12,235	11,029	+62.69
	1981	14.37	37,798	19,925	17,873	+62.67
<b>Class-IV</b>						
<b>(10,000—19,999)</b>						
2. Khadial Road (N.A.C.)	1971	11.40	9,226	4,704	4,522	44.16
	1981	11.40	11,447	5,861	5,586	+24.07
3. Kesinga (N. A. C.) ..	1971	14.50	8,536	4,440	4,096	..
	1981	14.50	11,117	5,716	5,401	+30.24
4. Junagarh (N. A. C.) ..	1971	15.54	7,876	3,958	3,918	..
	1981	15.54	10,197	5,067	5,130	+29.47
<b>Class-V</b>						
<b>(5,000—9,999)</b>						
5. Khadial (N. A. C.) ..	1971	23.83	7,651	3,835	3,816	—2.82
	1981	23.83	9,949	4,998	4,951	+30.04

## III. AREA AND POPULATION

Table No. 3·04 (contd.)

Area, population and growth rates of cities and towns by size class of population according to 1971 and 1981 (Provisional) Census in the State of Orissa

District/Size class of Population/City/Town	Census Year	Area in Sq. Km.	Population			Growth rate Percentage of increase(+) or decrease(—)
			Persons	Males	Females	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>KEONJHAR DISTRICT</b>						
Class—III						
(20,000—49,999)						
1. Barbil (M) ..	1971	41·44	24,342	13,571	10,771	+25·06
	1981	41·44	33,034	17,915	15,119	+35·71
2. Keonjhar (M) ..	1971	15·54	19,340	10,365	8,975	+53·20
	1981	15·54	28,059	15,280	12,779	+45·08
3. Joda (N.A.C.) ..	1971	26·42	17,353	9,280	8,073	..
	1981	26·42	26,294	13,585	12,709	+51·52
4. Anandapur (N.A.C.)	1971	9·32	6,312	3,398	2,914	..
	1981	9·32	24,498	12,985	11,512	+288·12
Class—V						
(5,000—9,999)						
5. Bolagoda-Bolani (C. T.)	1971	..	..	..	..	..
	1981	6·44	9,516	5,173	4,343	..
Class—VI						
(Below 5,000)						
6. Daitari (C.T.) ..	1971	..	..	..	..	..
	1981	N. A.	4,844	2,623	2,221	..

## III.. AREA AND POPULATION

Table No. 3'04 (contd.)

Area, Population and growth rates of Cities and Towns by size Class of Population according to 1971 and 1981 (Provisional) Census in the State of Orissa

District/size class of Population/City/Town	Census Year	Area in Sq. Km.	Population			Growth rate— percentage of increase(+) or decrease(—)
			Persons	Males	Females	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>KORAPUT DISTRICT</b>						
Class—II (50,000—99,999)						
1. Jeypore(M) ..	1971	25.90	34,319	17,519	16,800	+35.70
	1981	25.90	53,584	27,479	26,105	+56.14
2. Class III (20,000—49,999)						
2. Sunabeda (N.A.C.)	1971	76.48	27,980	15,028	12,952	..
	1981	76.48	40,128	21,214	18,914	+43.42
3. Rayagada (M) ..	1971	18.65	25,064	12,928	12,136	+72.42
	1981	18.65	35,724	18,263	17,461	+42.53
4. Koraput (N. A. C.)	1971	97.12	21,505	11,377	10,128	+188.23
	1981	97.12	31,644	16,537	15,107	+47.15
Class—IV (10,000—19,999)						
5. Nawarangpur(M)..	1971	8.26	13,739	6,960	6,779	+32.36
	1981	8.26	19,083	9,714	9,369	+38.90
6. Gunupur (N.A.C.)	1971	11.66	12,702	6,432	6,270	+24.77
	1981	11.66	16,706	8,551	8,155	+31.52
7. Malkangiri(N.A.C.)	1971	16.29	7,494	3,977	3,517	..
	1981	16.29	15,576	8,249	7,327	+107.85
8. Omarkote (N.A.C.)	1971	25.90	9,826	5,143	4,683	..
	1981	25.90	14,309	7,303	7,006	+45.62
9. Chandili (C.T.) ..	1971	..	..	..	..	..
	1981	5.17	12,487	6,695	5,792	..
10. Kotpad (N.A.C.)..	1971	12.95	9,856	4,858	4,998	+54.77
	1981	12.95	11,605	5,648	5,957	+17.75
Class—V (5,000—9,999)						
11. Balimelanagar(C.T.)	1971	..	..	..	..	..
	1981	4.85	9,426	5,100	4,326	..
12. Chitrakunda (C.T.)	1971	..	..	..	..	..
	1981	4.50	7,756	4,130	3,626	..
13. Papdahandi(N.A.C.)	1971	..	..	..	..	..
	1981	4.35	6,416	3,216	3,200	..
14. Gudari (N.A.C.) ..	1971	2.28	4,774	2,409	2,365	..
	1981	12.08	5,657	2,839	2,818	+18.50

## III AREA AND POPULATION

Table No. 3-04 Contd.

Area Population and growth rates of Cities and Towns by size classes of Population according to 1971 and 1981 (Provisional) Census in the State of Orissa

District/Size class of Population/City/ Town	Census Year	Area in Sq. Km.	Population			Growth rate— Percentage of increase(+)or decrease(—)
			Persons	Males	Females	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>MAYURBHANJ DISTRICT</b>						
Class—III						
(20,000—49,999)						
1. Baripada (M) ..	1971	8.00	28,725	15,890	12,835	+41.50
	1981	10.00	40,313	21,870	18,443	+40.34
Class—IV						
(10,000—19,999)						
2. Rairangpur (N.A.C.)	1971	14.38	11,226	5,826	5,400	+38.27
	1981	14.38	15,503	8,191	7,312	+38.10
3. Karanjia (N.A.C.) ..	1971	..	..	..	..	..
	1981	7.25	14,886	8,018	6,868	..
Class—V						
(5,000—9,999)						
4. Udala (N.A.C.) ..	1971	..	..	..	..	..
	1981	13.00	7,133	3,900	3,233	..
<b>FULABANI DISTRICT</b>						
Class—IV						
(10,000—19,999)						
1. Phulpani (N.A.C.)	1971	15.54	10,677	5,877	4,800	..
	1981	16.00	17,682	9,679	8,003	+65.61
2. Baudh (N.A.C.) ..	1971	20.72	8,891	4,614	4,277	+46.04
	1981	20.72	12,593	6,582	6,011	+41.64
Class—V						
(5,000—9,999)						
3. G. Udayagiri (N.A.C.)	1971	..	..	..	..	..
	1981	13.24	6,841	3,554	3,287	..

## III AREA AND POPULATION

Table No. 3.04 (Contd.)

Area Population and growth rates of Cities and Towns by size class of Population according to 1971 and 1981 (Provisional) Census in the State of Orissa

District/Size class of Population/City/ Town	Census Year	Area in Sq. Km.	Population			Growth rate— Percentage of increase(+)or decrease(—)
			persons	Males	Females	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>PURI DISTRICT</b>						
<b>I Class—I</b>						
<b>(1,00,000 and above)</b>						
1. Bhubaneswar (M)	1971	65.03	105,491	61,190	44,301	+176.07
	1981	65.03	219,419	124,883	94,536	+108.00
2. Puri (M) ..	1971	16.84	72,674	39,067	33,607	+19.50
	1981	16.84	101,089	53,878	47,211	+39.10
<b>Class—III</b>						
<b>(20,000—49,999)</b>						
3. Jatani (N. A. C.) ..	1971	15.82	29,894	16,330	13,564	+56.33
	1981	15.82	39,902	20,840	19,062	+58.85
4. Khurda (N. A. C.)	1971	25.38	15,879	8,555	7,324	+27.06
	1981	25.38	22,386	11,981	10,405	+40.98
<b>Class—IV</b>						
<b>(10,000—19,999)</b>						
5. Banapur (N. A. C.)	1971	..	..	..	..	..
	1981	67.13	11,861	6,059	5,802	..
6. Nimapara (N.A.C.)	1971	..	..	..	..	..
	1981	14.62	11,412	6,050	5,362	..
<b>Class—V</b>						
<b>(5,000- 9,999)</b>						
7. Pipili (N.A.C.) ..	1971	..	..	..	..	..
	1981	6.40	8,672	4,380	4,292	..
8. Kantilo (C. T.)	1971	..	..	..	..	..
	1981	6.24	7,873	4,043	3,830	..
9. Nayagarh (N.A.C.)	1971	15.54	5,209	3,027	2,182	-10.42
	1981	15.54	7,754	4,516	3,238	+48.86

## III AREA AND POPULATION

Table No. 3-04—Contd.

Area, population and growth rates of Cities and Towns by size class of population according to 1971 and 1981 Pro-Tempore Census in the State of Orissa

District/Size Class of Population/City/Town	Census Year	Area in Sq. Km.	Population			Growth rate - Percentage increase (+) or decrease (—)
			Persons	Males	Females	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>SAMBALPUR DISTRICT</b>						
<b>Class—I</b>						
(1,00,000 and above)						
1. Sambalpur (M)	1971	25.38	64,675	35,179	29,496	+ 66.20
	1981	33.66	1,10,296	58,269	52,027	+ 70.54
<b>Class—II</b>						
(50,000—99,999)						
2. Jharsuguda (M)	1971	25.90	24,727	13,069	11,668	+28.61
	1981	70.47	54,856	29,328	25,528	+121.85
3. Brajarajnagar (N. A. C.)	1971	41.44	31,817	17,610	14,207	+ 96.45
	1981	41.44	53,863	28,910	24,953	+69.29
<b>Class—III</b>						
(20,000—49,999)						
4. Bargarh (M)	1971	13.21	22,865	12,330	10,535	+48.72
	1981	13.21	35,352	18,847	16,505	+54.61
5. Burla (N.A.C.)	1971	17.62	15,587	9,041	6,546	+52.37
	1981	28.62	24,691	13,621	11,070	+58.41
6. Hirakuda (N. A. C.)	1971	12.95	15,040	8,145	6,895	+75.03
	1981	11.13	21,667	11,492	10,175	+44.06
<b>Class—IV</b>						
(10,000-19,999)						
7. Deogarh (M)	1971	18.13	8,906	4,661	4,245	+30.22
	1981	24.13	13,580	7,378	6,202	52.48
8. Barapali (N. A. C.)	1971	12.27	9,017	4,636	4,381	
	1981	12.27	13,577	6,884	6,693	50.57
9. Palampur (N. A. C.)	1971	20.80	7,349	3,768	3,581	..
	1981	20.80	10,374	5,333	5,041	+ 41.16
<b>Class—V</b>						
(5,000—9,999)						
10 Kuchinda (N. A. C.)	1971	16.84	6,838	3,688	3,150	..
	1981	16.84	9,366	5,018	4,348	—36.97

## III. AREA AND POPULATION

Table No. 304 (Contd.)

Area, population and growth rates of Cities and Towns by size class of population according to 1971 and 1981 (Provisional) Census in the State of Orissa.

District Size Class of Population City/Town	Census Year	Area in Sq. Km.	Population			Growth rate— Percentage of increase (+) or decrease (—)
			Persons	Males	Females	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>SUNDARGARH DISTRICT</b>						
Class—I						
( 1,00,000 and above)						
1. Rourkela Steel Town- ship ( N. A. C. )	1971	121.73	125,426	71,372	54,054	+38.92
	1981	132.86	205,598	114,048	91,550	+63.92
Class—II						
(50,000—99,999)						
2. Rourkela Civil Town- ship ( N. A. C. )	1971	N. A.	47,076	27,295	19,781	..
	1981	N. A.	95,960	54,888	41,072	+103.84
Class—III						
( 20,000—49,999 )						
3. Rajgangpur (M)	1971	26.16	21,876	11,753	10,123	+58.03
	1981	26.16	31,926	17,272	14,654	+45.94
4. Birmittapur (M)	1971	35.22	28,063	14,449	13,614	+38.23
	1981	35.22	31,103	15,934	15,174	+10.85
5. Sundargarh (M)	1971	23.83	17,244	9,038	8,206	+52.21
	1981	23.83	23,699	12,294	11,405	+37.34
Class—IV						
(10,000—19,999)						
6. Jalda ( C. T. )	1971	..	..	..	..	..
	1981	1.53	12,087	6,236	5,851	..

N. B.—

M—Municipality

N. A. C.—Notified Area Council

C. T.—Census Town

SOURCE —Census Report



## III AREA AND POPULATION

Table No. 3-05

Distribution of Main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahasils of the State of Orissa

Name of the District/ Tahasil	Sex/ Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultiva- tors	Agricul- tural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>ORISSA</b>							
	<b>Persons</b>						
	1971	6,850,651	31.92	49.16	28.28	3.63	18.93
	1981	8,623,646	32.82	47.00	27.65	3.47	21.88
	<b>Males</b>						
	1971	6,107,993	55.32	52.72	25.33	3.09	18.86
	1981	7,207,498	54.38	51.38	22.59	2.97	23.06
	<b>Females</b>						
	1971	742,658	6.81	19.98	52.55	8.05	19.42
	1981	1,416,148	10.88	24.68	53.42	6.02	15.88
<b>Balasore District</b>							
	<b>Persons</b>						
	1971	493,870	26.98	56.46	28.06	1.60	13.88
	1981	616,957	27.38	52.97	26.23	1.84	18.96
	<b>Males</b>						
	1971	470,411	50.67	58.25	26.82	1.40	13.52
	1981	574,325	50.43	55.67	23.82	1.63	18.88
	<b>Females</b>						
	1971	23,659	2.60	20.39	52.86	5.74	21.01
	1981	42,632	3.83	16.68	58.69	4.66	19.97
<b>1. Jaleswar</b>							
	<b>Persons</b>						
	1971	66,695	27.13	55.90	23.06	1.98	9.06
	1981	82,913	26.60	53.28	30.11	2.21	14.40
	<b>Males</b>						
	1971	62,849	50.32	57.98	31.01	1.86	9.15
	1981	76,770	48.25	56.51	26.74	2.01	14.74
	<b>Females</b>						
	1971	3,846	3.18	21.94	66.37	4.00	7.69
	1981	6,143	4.03	12.96	72.18	4.74	10.12

## III. AREA AND POPULATION

Table No. 3·05—Contd.

Distribution of Main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahasils of the State of Orissa

Name of the District/ Tahasil	Sex/ Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultiva- tors	Agricul- tural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2. Basta	Persons						
	1971	61,275	28·24	60·13	31·65	0·93	7·29
	1981	76,628	27·95	55·03	28·94	1·56	14·47
	Males						
	1971	58,901	53·07	61·79	30·14	0·87	7·20
	1981	71,447	51·08	57·94	26·43	1·32	14·31
	Females						
	1971	2,374	2·24	19·01	69·22	2·35	9·42
	1981	5,181	3·86	14·96	63·60	4·73	16·71
3. Balasore	Persons						
	1971	59,725	28·35	33·89	35·92	1·71	28·48
	1981	84,180	31·38	28·75	36·09	1·71	33·45
	Males						
	1971	55,107	50·31	36·19	33·53	1·60	28·68
	1981	75,670	54·27	30·79	33·51	1·60	34·10
	Females						
	1971	4,618	4·57	6·47	64·44	3·01	26·08
	1981	8,510	6·60	10·63	59·06	2·61	27·70
4. Nilagiri	Persons						
	1971	34,813	28·59	48·13	39·11	2·84	9·92
	1981	40,970	29·65	50·31	33·76	2·66	13·29
	Males						
	1971	31,768	51·63	51·55	37·09	2·49	8·87
	1981	35,560	51·18	55·10	29·21	2·48	13·21
	Females						
	1971	3,045	5·05	12·48	60·13	6·44	20·95
	1981	5,410	7·88	18·83	63·70	3·66	13·81

## III. AREA AND POPULATION

Table No. 3·05—Contd.

Distribution of Main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahasils of the State of Orissa

Name of the District/ Tahasil	Sex/ Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultiva- tors	Agricul- tural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
5. Soro	Persons						
	1971	76,806	25·95	60·92	27·21	1·26	10·61
	1981	95,929	26·20	59·41	22·54	1·77	16·28
	Males						
	1971	73,778	49·68	62·47	26·53	1·01	9·99
	1981	90,253	49·36	61·75	20·57	1·52	16·16
	Females						
	1971	3,028	2·05	23·13	43·86	7·40	25·61
	1981	5,676	3·10	22·21	53·72	5·87	18·20
6. Bhadrak	Persons						
	1971	112,596	26·09	54·05	23·61	2·01	20·33
	1981	101,693	26·73	50·19	23·38	2·12	24·31
	Males						
	1971	107,464	49·44	55·41	22·90	1·66	20·03
	1981	94,804	49·56	52·45	21·16	1·81	24·58
	Females						
	1971	5,132	2·40	25·50	38·43	9·33	26·74
	1981	6,889	3·64	18·99	54·00	6·36	20·65

## III. AREA AND POPULATION

Table No. 3.05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahasils of the State of Orissa

Name of the District/ Tahasil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural laboures	Workers in house-hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>7. Basudebpur.. Persons</b>							
	1971	N. A.	25.89	74.52	14.37	0.66	10.45
	1981	38,027	25.34	69.64	12.85	1.37	16.14
	<b>Males</b>						
	1971	N. A.	50.37	74.80	14.37	0.58	10.25
	1981	36,991	49.54	70.64	12.52	1.23	15.61
	<b>Females</b>						
	1971	N. A.	0.91	58.55	14.11	5.47	21.87
	1981	1,036	1.37	33.88	24.52	6.27	35.33
<b>8. Chandabali .. Persons</b>							
	1971	37,782	28.65	68.85	18.54	0.97	11.74
	1981	42,893	27.79	68.16	17.32	1.15	13.37
	<b>Males</b>						
	1971	36,897	53.86	69.90	18.51	0.70	10.89
	1981	41,773	52.94	69.53	16.96	0.99	12.52
	<b>Females</b>						
	1971	885	1.40	21.06	19.59	12.05	47.30
	1981	1,120	1.48	17.05	31.07	6.79	45.09
<b>9. Dhamanagar.. Persons</b>							
	1971	44,398	25.24	62.12	23.90	1.92	12.06
	1981	53,724	25.61	59.36	23.75	1.78	15.11
	<b>Males</b>						
	1971	42,987	49.44	62.64	23.77	1.75	11.84
	1981	51,057	49.44	61.48	22.14	1.64	14.74
	<b>Females</b>						
	1971	1,420	1.59	46.29	27.98	7.00	18.73
	1981	2,667	2.50	18.90	54.37	4.46	22.27

## III. AREA AND POPULATION

Table No. 3.05 (Contd)

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahasils of the State of Orissa

Name of the District/ Tahasil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold Industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
BALANGIR DISTRICT	Persons						
	1971	424,462	33.59	55.11	27.78	4.80	12.31
	1981	509,634	35.08	50.98	30.69	4.42	13.91
	Males						
	1971	385,367	60.79	58.53	26.05	3.81	11.61
	1981	428,894	58.84	56.97	25.64	3.66	13.73
	Females						
	1971	39,095	6.21	21.36	44.77	14.54	19.33
	1981	80,740	11.16	19.18	57.47	8.43	14.92
	1. Patnagarh .. Persons						
	1971	75,995	33.86	52.10	33.89	4.39	9.62
	1981	85,830	34.35	51.77	33.50	3.79	10.94
	Males						
	1971	67,961	60.40	45.76	31.89	3.39	8.69
	1981	73,811	59.05	57.54	29.12	3.12	10.22
	Females						
	1971	8,034	7.18	21.15	50.82	12.88	15.15
	1981	12,019	9.62	16.36	60.37	7.92	15.45
2. Titilagarh ..	Persons						
	1971	110,615	31.78	60.10	24.64	2.65	12.61
	1981	132,342	34.72	55.53	28.15	2.27	14.05
	Males						
	1971	103,223	59.17	62.40	23.39	2.12	11.99
	1981	112,697	59.07	61.22	23.31	1.88	13.59
	Females						
	1971	7,392	4.26	28.01	40.78	9.96	21.25
	1981	19,645	10.32	22.87	55.91	4.52	16.70
	3. Balangir .. Persons						
	1971	120,929	32.81	53.48	26.84	4.67	15.01
	1981	144,340	33.90	47.60	30.37	4.51	17.52
	Males						
	1971	110,562	59.71	56.73	25.41	3.60	14.26
	1981	122,589	57.32	53.20	25.50	3.65	17.65
	Females						
	1971	10,367	5.65	18.87	42.04	16.10	22.99
	1981	21,751	10.26	16.04	57.84	9.31	16.81

## III. AREA AND POPULATION

Table No. 3-05 (Contd)

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahasils of the State of Orissa

Name of the District/Tahasil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			Others
				Cultivators	Agricultural labourers	Workers in household industry	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Rampur ..	Persons						
	1971	N. A.	35.82	59.31	29.24	5.26	1.19
	1981	62,565	37.68	49.62	37.66	4.23	2.49
	Males						
	1971	N. A.	63.11	64.37	25.90	4.23	5.50
	1981	50,388	60.44	57.46	29.89	3.60	1.03
	Females						
	1971	N. A.	8.62	22.38	54.46	12.78	1.34
	1981	12,177	14.73	17.21	69.40	6.81	2.77
5. Birmaharajpur	Persons						
	1971	37,520	37.63	53.38	28.18	8.58	1.86
	1981	42,609	39.59	51.11	28.33	9.03	1.73
	Males						
	1971	32,800	65.47	57.92	25.22	7.25	9.61
	1981	33,516	61.37	57.57	22.70	7.89	11.14
	Females						
	1971	4,720	9.52	21.79	48.79	17.79	11.63
	1981	8,093	17.15	27.33	49.07	13.19	10.41
6. Sonepur ..	Persons						
	1971	78,963	35.43	48.92	25.56	8.01	11.51
	1981	41,948	34.35	43.54	26.02	7.75	17.69
	Males						
	1971	71,432	63.75	52.62	25.24	6.63	10.51
	1981	35,893	58.60	54.07	22.97	6.52	16.44
	Females						
	1971	7,531	6.71	13.31	28.57	21.39	9.73
	1981	6,055	9.94	15.74	44.09	15.08	25.09

## III. AREA AND POPULATION

Table No. 305 (Contd.)

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahasils of the State of Orissa

Name of the District/Tahasil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>CUTTACK DISTRICT</b>	<b>Persons</b>						
	1971	10,52,229	27.49	47.92	26.44	3.56	22.08
	1981	1,274,955	227.61	44.75	23.63	3.30	28.32
	<b>Males</b>						
	1971	993,100	51.53	50.11	24.84	3.10	21.95
	1981	1,183,237	50.56	47.59	21.34	2.87	28.20
	<b>Females</b>						
	1971	59,129	3.11	10.99	53.23	11.19	24.59
	1981	91,718	4.03	8.09	53.21	8.82	29.88
1. Sukinda ..	<b>Persons</b>						
	1971	64,075	29.71	50.56	29.61	1.92	17.91
	1981	79,144	29.96	47.56	27.33	1.73	23.38
	<b>Males</b>						
	1971	60,708	55.09	52.66	28.12	1.71	17.51
	1981	73,237	54.20	50.73	24.82	1.69	22.76
	<b>Females</b>						
	1971	3,367	3.20	12.72	56.54	5.67	25.07
	1981	5,907	4.58	8.26	58.42	2.30	31.02
2. Darpani ..	<b>Persons</b>						
	1971	86,187	27.34	48.78	29.69	4.34	17.19
	1981	104,872	27.70	44.11	27.46	4.20	24.23
	<b>Males</b>						
	1971	83,130	52.67	50.21	29.27	4.05	16.47
	1981	98,913	51.65	46.53	26.06	3.68	23.73
	<b>Females</b>						
	1971	3,057	1.94	9.80	41.26	12.23	36.71
	1981	5,969	3.18	3.98	50.66	12.87	32.49
3. Binjharpur..	<b>Persons</b>						
	1971	N. A.	23.13	48.90	34.69	2.72	13.69
	1981	51,223	2.35	46.61	33.19	2.03	18.17
	<b>Males</b>						
	1971	N. A.	46.05	50.07	33.77	2.49	13.67
	1981	48,800	45.92	48.49	31.61	1.87	18.03
	<b>Females</b>						
	1971	N. A.	1.66	18.21	58.74	8.80	14.25
	1981	2,423	2.14	8.62	64.96	5.41	21.01

## III. AREA AND POPULATION

Table No. 3·05 (Contd.)

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Tahasils of the State of Orissa

Name of the District/ Tahasil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Jajpur	.. Persons						
	1971	103,954	24·89	44·24	32·22	3·62	19·92
	1981	68,819	25·38	43·61	30·96	2·66	22·77
	Males						
	1971	99,187	48·46	44·86	32·42	3·22	19·50
	1981	65,519	48·54	45·25	29·91	2·47	22·37
	Females						
	1971	3,767	1·77	27·45	26·82	14·41	31·32
	1981	3,300	2·42	11·06	51·94	6·45	30·55
5. Kanika	.. Persons						
	1971	27,739	23·87	63·44	20·26	2·72	13·58
	1981	24,972	23·29	60·42	21·48	2·37	15·73
	Males						
	1971	..	47·54	64·20	20·44	2·25	13·11
	1981	24,477	46·40	61·46	21·30	1·94	15·30
	Females						
	1971	..	0·81	20·37	10·05	29·37	40·21
	1981	495	0·91	8·89	30·30	23·84	36·97
6. Aul	.. persons						
	1971	23,764	21·90	57·13	25·31	3·27	14·29
	1981	22,783	22·06	53·40	24·01	2·12	20·47
	Males						
	1971	23,187	44·33	57·88	25·16	2·74	14·22
	1981	22,214	44·60	54·37	23·72	1·72	20·19
	Females						
	1971	577	1·11	29·25	30·83	22·92	17·00
	1981	569	1·06	15·64	35·33	17·75	31·28



## III. AREA AND POPULATION

Table No. 3·05—(Contd.)

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Tahasils of the State of Orissa

Name of the District/ Tahasil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>7. Rajnagar .. Persons</b>							
	1971	N. A.	28·69	69·50	22·55	1·46	6·49
	1981	26,694	27·94	68·84	19·77	1·29	10·10
	<b>Males</b>						
	1971	N. A.	54·95	70·15	22·67	1·00	6·18
	1981	26,284	53·55	69·62	19·60	1·12	9·66
	<b>Females</b>						
	1971	N. A.	0·77	20·57	13·47	36·17	29·79
	1981	410	0·88	19·02	30·98	11·95	38·05
<b>8. Pattamundai Persons</b>							
	1971	38,025	24·08	55·54	25·89	2·89	15·68
	1981	35,021	23·02	51·25	23·83	3·15	21·77
	<b>Males</b>						
	1971	36,768	48·18	56·82	25·41	2·54	15·23
	1981	33,971	45·87	52·61	23·22	2·85	21·32
	<b>Females</b>						
	1971	1,257	1·50	16·99	40·34	13·14	29·53
	1981	1,050	1·35	7·24	43·33	13·14	36·29
<b>9. Kendrapara... Persons</b>							
	1971	50,901	26·23	51·54	26·33	3·15	18·98
	1981	61,741	26·81	50·47	22·99	2·26	24·28
	<b>Males</b>						
	1971	48,652	50·08	53·12	25·33	2·73	18·82
	1981	58,424	50·11	52·60	21·41	1·89	24·10
	<b>Females</b>						
	1971	2,249	2·32	17·45	48·05	12·30	22·20
	1981	3,317	2·92	12·87	50·86	8·80	27·47

## III. AREA AND POPULATION

Table No. 3-05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Tahasils of the State of Orissa

Name of the District/ Tahasil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
10. Salepur ..	Persons						
	1971	102,793	27.31	48.48	32.42	3.88	15.22
	1981	121,974	27.44	46.08	29.53	31.36	21.04
	Males						
	1971	95,732	51.07	51.29	29.90	3.32	15.49
	1981	111,414	49.69	49.41	26.10	2.90	21.59
	Females						
	1971	7,061	3.74	10.45	66.57	11.46	11.52
	1981	10,560	4.80	11.02	66.69	8.13	15.16
11. Marsaghai ..	Persons						
	1971	66,823	27.08	66.57	20.36	3.14	9.93
	1981	78,860	26.96	66.77	15.14	2.73	15.36
	Males						
	1971	64,974	52.27	67.89	20.07	2.38	9.66
	1981	76,338	51.62	68.50	14.61	2.21	14.61
	Females						
	1971	1,849	1.51	20.23	20.85	29.66	19.26
	1981	2,522	1.74	14.59	31.01	18.68	35.72
17. Kujang ..	Persons						
	1971	85,062	27.86	59.27	20.62	2.67	17.44
	1981	103,992	27.79	53.88	12.99	2.81	30.32
	Males						
	1971	82,910	53.25	60.81	19.66	2.14	17.39
	1981	99,338	51.78	55.59	11.98	2.34	30.09
	Females						
	1971	3,052	2.00	17.42	46.69	47.04	18.85
	1981	4,654	2.55	17.40	34.40	12.83	35.37

## III. AREA AND POPULATION

Table No. 3·05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Tahasils of the State of Orissa

Name of the District/Tahasil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>13. Jagatsingha- pur.</b>							
	Persons						
	1971	94,529	28·16	49·81	30·90	4·32	14·97
	1981	115,908	27·92	48·48	28·74	3·56	19·32
	Males						
	1971	83,065	50·62	55·50	25·25	3·48	15·77
	1981	101,323	49·30	54·12	22·52	2·89	20·47
	Females						
	1971	11,464	6·69	8·64	71·78	10·37	9·21
	1981	14,585	6·96	8·46	72·01	8·22	11·31
<b>14. Niali</b>							
	Persons						
	1971	41,474	29·07	51·78	30·80	3·29	14·13
	1981	49,986	29·35	48·56	31·63	2·27	17·54
	Males						
	1971	37,181	52·28	57·01	25·33	2·92	14·74
	1981	43,888	51·39	54·54	25·24	1·92	18·30
	Females						
	1971	4,293	6·00	6·48	78·19	6·48	8·85
	1981	6,098	7·18	5·51	77·68	4·77	12·04
<b>15. Cuttack</b>							
	Persons						
	1971	136,192	30·39	17·08	15·19	3·80	63·93
	1981	175,684	30·15	12·70	14·16	3·25	69·89

## III. AREA AND POPULATION

Table No. 3.05 —Contd.

Distribution of Main workers by sex and category according to 1971 and 1981 (provisional) Census in the different Tahsils of the State of Orissa.

Name of the District/Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>Males</b>							
	1971	126,450	52.12	18.03	13.19	3.76	65.02
	1981	158,652	50.60	13.70	11.45	3.19	71.66
<b>Females</b>							
	1971	9,742	4.74	4.74	41.22	4.25	49.79
	1981	17,032	6.33	3.35	38.43	4.83	53.39
16. Athagarh ..	Persons						
	1971	26,457	29.80	47.62	33.23	1.65	17.50
	1981	33,481	31.52	40.46	30.63	3.04	25.87
<b>Males</b>							
	1971	24,735	54.73	50.42	30.77	1.43	17.38
	1981	29,823	54.96	44.71	26.92	2.71	25.66
<b>Females</b>							
	1971	1,722	3.95	7.32	68.76	4.83	19.19
	1981	3,658	7.04	5.79	60.91	5.69	27.61
17. Tigiria ..	Persons						
	1971	11,999	28.25	49.76	25.92	9.88	14.44
	1981	14,554	29.17	43.90	18.13	13.96	24.01
<b>Males</b>							
	1971	11,606	54.11	51.03	26.29	9.64	13.04
	1981	13,192	52.05	48.21	18.84	12.10	20.85
<b>Females</b>							
	1971	393	1.87	12.18	15.23	16.75	55.84
	1981	3,291	4.29	2.13	11.23	31.94	54.70

## III. AREA AND POPULATION

Table No. 3·05—Contd.

Distribution of Main workers by sex and category according to 1971 and 1981 (provisional) Census  
in the different Tahsils of the State of Orissa

Name of the District/Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
18. Banki	Persons						
	1971	38,770	28·85	46·07	29·48	3·73	20·72
	1981	44,578	78·79	45·62	25·39	4·46	24·53
	Males						
	1971	36,569	54·29	48·37	29·05	3·21	19·37
	1981	41,287	52·82	48·74	24·35	3·88	23·03
	Females						
	1971	2,201	3·28	7·65	36·70	12·30	43·35
	19 1	3,291	4·29	6·44	38·41	11·73	43·42
19. Badamba	Persons						
	1971	25,495	29·07	53·01	24·49	7·26	15·24
	1981	29,723	29·88	47·31	21·25	9·85	21·59
	Males						
	1971	24,223	55·06	54·94	25·06	6·40	13·60
	1981	27,650	55·11	50·39	21·93	8·14	19·54
	Females						
	1971	1,182	2·72	13·62	12·69	24·87	48·82
	1981	2,073	4·20	6·13	12·25	32·71	48·91
20. Narsinghpur	Persons						
	1971	27,266	28·88	50·74	27·16	4·50	17·60
	1981	30,946	29·13	51·92	25·40	4·66	18·02
	Males						
	1971	25,873	54·37	52·75	27·29	3·25	16·71
	1981	28,493	53·04	55·19	23·20	3·75	17·86
	Females						
	1971	1,393	2·98	13·50	24·62	27·78	34·10
	1981	2,453	4·67	13·94	51·00	15·25	19·81

## III. AREA AND POPULATION

Table No. 3-05—Contd.

Distribution of Main workers by sex and category according to 1971 and 1981 (provisional) Census in the different Tahsils of the State of Orissa

Name of the District/ Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>DHENKANAL DISTRICT</b>	Persons						
	1971	389,209	30.08	51.26	27.19	3.87	17.68
	1981	497,418	31.55	46.00	27.01	3.75	23.24
	Males						
	1971	359,473	54.94	54.15	24.91	3.11	17.83
	1981	434,328	54.00	49.22	23.61	3.24	23.93
	Females						
	1971	29,736	4.65	16.35	54.81	13.03	15.81
	1981	63,090	8.17	23.83	50.46	7.26	18.45
<b>1. Palalahada</b>	Persons						
	1971	21,176	31.28	58.62	30.97	2.38	8.03
	1981	28,656	34.76	56.94	27.47	2.52	13.07
	Males						
	1971	19,337	56.66	62.51	27.43	2.11	7.95
	1981	24,010	57.46	62.03	21.96	2.06	13.95
	Females						
	1971	1,839	5.48	17.79	68.17	5.17	8.87
	1981	4,646	11.43	30.63	55.92	4.91	8.54
<b>2 Talcher</b>	Persons						
	1971	41,815	27.81	42.29	21.67	3.00	33.04
	1981	65,427	31.15	30.18	15.56	2.03	52.23
	Males						
	1971	39,663	51.41	43.70	20.65	2.53	33.12
	1981	58,749	52.82	31.72	14.19	1.84	52.25
	Females						
	1971	2,152	2.94	16.33	40.58	11.63	31.46
	1981	6,678	6.76	16.64	27.54	3.71	52.11

## III. AREA AND POPULATION

Table No. 3·05—Contd.

Distribution of Main workers by sex and category according to 1971 and 1981 (provisional) Census in the different Tahsils of the State of Orissa

Name of the District/ Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>3, Chhendipada</b>							
	Persons						
	1971	N. A.	31·96	60·04	26·21	3·35	9·40
	1981	28,666	33·79	59·60	24·25	4·28	11·87
	Males						
	1971	N. A.	55·45	64·95	21·66	3·43	9·96
	1981	23,536	54·67	61·91	21·54	4·00	12·55
	Females						
	1971	N. A.	7·87	32·70	59·06	2·4	5·40
	1981	5,130	12·28	49·00	36·67	5·56	8·77
<b>4. Athmallik</b>							
	Persons						
	1971	43,703	34·34	54·65	29·46	4·23	11·66
	1981	56,966	37·83	52·27	28·48	5·39	13·86
	Males						
	1971	38,049	59·43	59·99	25·25	3·29	11·47
	1981	43,827	57·67	57·73	22·48	4·71	15·08
	Females						
	1971	5,654	8·94	18·73	57·78	0·56	12·93
	1981	13,129	17·61	34·02	48·55	7·64	9·79
<b>5. Anugul</b>							
	Persons						
	1971	84,057	29·68	51·92	22·20	4·60	21·28
	1981	80,210	31·34	47·64	25·09	4·85	22·42
	Males						
	1971	77,880	54·55	54·49	20·10	3·72	21·69
	1981	68,621	52·96	50·29	20·82	4·53	24·36
	Females						
	1971	6,177	4·41	19·61	48·67	15·60	16·12
	1981	11,589	9·17	31·96	50·36	6·76	10·92

## III. AREA AND POPULATION

Table No. 3-05—Contd.

Distribution of Main workers by sex and category according to 1971 and 1981 (provisional) Census in the different Tahsils of the State of Orissa

Name of the District/ Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
6. Hindol	Persons						
	1971	32,292	29.97	54.95	26.78	3.96	14.31
	1981	37,198	29.31	52.41	28.88	3.77	14.94
	Males						
	1971	29,402	54.86	58.53	24.23	2.93	14.31
	1981	33,312	52.67	56.81	25.14	2.94	15.11
	Females						
	1971	2,890	5.35	18.67	52.68	14.43	14.22
	1981	3,886	6.10	14.69	60.89	10.91	13.51
7. Dhenkanal	Persons						
	1971	83,522	29.45	44.54	31.31	4.05	20.10
	1981	101,929	29.90	38.40	32.94	3.93	24.73
	Males						
	1971	78,468	54.24	47.09	29.65	3.24	20.02
	1981	91,826	52.52	42.11	29.73	3.28	24.88
	Females						
	1971	5,054	3.64	4.91	57.02	16.74	21.33
	1981	10,103	6.08	4.73	62.07	9.86	23.34
8. Kamakshya-nagar	Persons						
	1971	81,000	29.56	54.33	27.90	3.85	13.92
	1981	98,366	30.28	49.87	29.18	3.05	17.90
	Males						
	1971	76,274	55.34	57.02	26.22	2.95	13.81
	1981	90,437	54.97	53.40	26.57	2.64	17.39
	Females						
	1971	4,726	3.47	10.95	54.98	18.29	15.78
	1981	7,929	4.94	9.68	58.92	7.69	23.71



## III AREA AND POPULATION

Table No. 3·05—Contd.

Distribution of Main workers by sex and Category according to 1971 and 1981 (provisional) Census in the different Tahsils of the State of Orissa

Name of the District/ Tahasil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural Labourers	Workers in house-hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>GANJAM DISTRICT</b>							
	<b>Persons</b>						
	1971	746,405	32·54	41·42	32·12	4·13	22·33
	1981	923,903	34·83	42·16	32·43	3·45	21·96
	<b>Males</b>						
	1971	590,834	52·61	46·49	25·61	3·93	23·97
	1981	674,698	51·70	47·60	23·26	3·36	25·78
	<b>Females</b>						
	1971	155,571	13·29	22·19	56·85	4·87	16·09
	1981	249,205	18·49	27·45	57·26	3·69	11·60
<b>1. Ghumsur</b>	<b>Persons</b>						
	1971	103,915	33·92	35·06	43·52	4·54	16·88
	1981	119,773	34·99	38·74	38·27	3·80	19·19
	<b>Males</b>						
	1971	79,486	53·44	41·02	35·79	3·70	19·49
	1981	87,380	52·14	45·23	28·70	3·32	22·75
	<b>Females</b>						
	1971	24,429	15·50	15·66	68·69	7·27	8·38
	1981	32,393	18·54	21·24	64·09	5·10	9·57
<b>2. Surada</b>	<b>Persons</b>						
	1971	30,921	30·12	55·36	18·27	4·50	21·87
	1981	42,491	35·12	52·13	28·41	3·66	15·80
	<b>Males</b>						
	1971	28,529	55·43	58·71	16·40	3·66	21·23
	1981	33,367	55·26	58·13	20·85	3·64	17·38
	<b>Females</b>						
	1971	2,392	4·67	15·26	40·60	14·56	29·58
	1981	9,124	15·06	30·22	56·05	3·71	10·02

## III AREA AND POPULATION

Table No. 3-05- Contd.

Distribution of Main workers by sex and category according to 1971 and 1981  
( provisional ) Census in the different Tahsils of the State of Orissa

Name of the District/ Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house-hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3. Aska	Persons						
	1971	69,395	29.80	44.05	29.61	4.90	21.44
	1981	81,361	31.06	46.43	28.80	3.99	20.78
	Males						
	1971	56,051	49.43	49.02	23.42	4.93	22.63
	1981	61,151	47.81	50.88	20.29	4.15	14.68
	Females						
	1971	13,344	11.17	23.15	55.58	4.81	16.46
	1981	20,210	15.08	32.98	54.54	3.53	8.95
4. Digapahandi	Persons						
	1971	69,742	33.43	45.40	36.39	3.86	14.35
	1981	87,532	36.83	47.56	33.97	3.90	14.57
	Males						
	1971	56,618	54.82	50.60	30.47	4.87	15.06
	1981	63,970	54.12	54.35	24.84	3.69	17.12
	Females						
	1971	13,124	12.46	22.98	61.92	3.82	11.28
	1981	23,562	19.72	29.11	58.75	4.48	7.66
5. R. Udayagiri	Persons						
	1971	38,703	30.90	65.86	20.62	1.30	12.22
	1981	60,573	42.21	58.47	31.84	0.97	8.72
	Males						
	1971	32,720	53.05	71.80	14.01	1.28	12.91
	1981	39,673	56.08	69.81	17.76	1.03	11.50
	Females						
	1971	5,985	9.42	33.41	56.72	1.40	8.47
	1981	20,900	28.72	37.12	58.57	0.86	3.45

## III. AREA AND POPULATION

Table No. 3·05—(Contd)

Distribution of Main workers by sex and category according to 1971 and 1981 (provisional) Census in the different Tahsils of the State of Orissa

Name of the District/ Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourer	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>6. Paralakhemundi</b>							
	Persons						
	1971	86,616	38·10	44·95	34·69	3·12	17·24
	1981	102,131	39·62	40·33	40·16	2·65	16·86
	Males						
	1971	63,665	56·64	47·72	29·71	3·37	19·20
	1981	72,397	56·78	46·23	31·44	2·72	19·61
	Females						
	1971	22,951	19·97	37·26	48·53	2·42	11·79
	1981	29,734	22·83	25·98	61·37	2·48	10·17
<b>7. Chikiti</b>							
	Persons						
	1971	40,796	34·71	42·00	35·79	4·44	17·77
	1981	49,989	38·09	42·32	38·22	3·31	16·16
	Males						
	1971	30,831	54·89	44·97	31·04	4·75	19·24
	1981	34,115	53·86	47·31	29·74	3·57	19·38
	Females						
	1971	9,965	16·25	32·81	50·47	3·47	13·25
	1981	14,874	23·38	31·55	56·46	2·77	9·22
<b>8. Berhampur</b>							
	Persons						
	1971	96,178	31·89	22·09	22·37	5·11	50·43
	1981	117,818	31·42	21·60	22·96	4·45	50·99
	Males						
	1971	76,177	50·76	24·86	17·33	4·72	53·09
	1981	91,448	48·51	23·26	16·06	3·92	56·76
	Females						
	1971	20,001	13·20	11·55	41·60	6·56	40·31
	1981	26,370	14·14	15·82	46·91	6·26	31·01

## III. AREA AND POPULATION

Table No. 3-05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Tahsils of the State of Orissa

Name of the District/ Tahsil	Sex/Year	Total Main Workers	Percentage of Main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
9. Chatrapur	Persons						
	1971	98,936	32.34	38.41	34.50	4.15	22.94
	1981	96,179	34.47	38.41	33.30	3.62	24.67
	Males						
	1971	77,854	52.15	43.83	26.77	4.06	25.34
	1981	69,870	50.92	43.36	23.85	3.70	29.09
	Female						
	1971	21,082	13.52	18.53	62.87	4.45	14.15
	1981	26,309	18.55	25.27	58.41	3.40	12.92
10. Khalikote	Persons						
	1971	N. A.	30.42	49.58	24.21	3.49	22.72
	1981	74,189	33.75	50.73	26.48	2.95	20.24
	Males						
	1971	N. A.	52.59	54.74	19.43	3.35	22.48
	1981	55,896	51.78	56.59	18.18	2.70	22.58
	Females						
	1971	N. A.	8.84	19.71	51.88	4.35	24.06
	1981	18,293	16.35	31.22	51.83	3.72	13.23
11. Kodala	Persons						
	1971	N. A.	30.90	42.50	37.50	4.62	15.38
	1981	91,867	32.4	47.98	33.11	4.53	15.38
	Males						
	1971	N. A.	48.94	50.44	27.65	4.52	17.39
	1981	65,431	48.19	54.81	23.13	3.65	18.41
	Females						
	1971	N. A.	14.44	17.95	67.96	4.93	9.16
	1981	26,436	17.90	31.07	57.80	3.25	7.88

## III, AREA AND POPULATION

Table No. 3·05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census  
in the different Tahasils of the State of Orissa

Name of the District/ Tahsil	Sex/Year	Total Main Workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourer	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
KALAHANDI DISTRICT	Persons						
	1971	380,934	32·73	53·57	32·09	2·82	11·52
	1981	479,017	36·02	50·80	35·29	2·65	11·26
	Males						
	1971	348,244	60·16	56·65	30·87	2·22	10·26
	1981	398,806	60·31	56·49	30·24	2·14	11·13
	Females						
	1971	32,690	5·59	20·73	45·08	9·21	24·98
	1981	80,211	12·00	22·48	60·39	5·19	11·94
1. Nuapada ..	Persons						
	1971	107,836	31·82	60·29	28·24	2·19	9·28
	1981	74,651	38·14	54·92	32·13	2·24	10·71
	Males						
	1971	99,072	58·75	63·25	26·23	1·80	8·72
	1981	58,106	59·75	61·53	25·16	1·82	11·49
	Females						
	1971	8,764	5·14	26·66	51·00	6·71	15·63
	1981	16,545	16·80	31·70	56·63	3·68	7·99
2. Khadial ..	Persons						
	1971	N. A.	30·75	57·64	30·57	4·53	7·26
	1981	69,563	35·66	54·36	33·15	4·17	8·32
	Males						
	1971	N. A.	57·21	60·08	29·34	3·86	6·72
	1981	58,311	60·19	60·43	27·95	3·23	8·39
	Females						
	1971	N. A.	4·62	27·68	45·65	12·77	13·90
	1981	11,252	11·46	22·96	60·09	8·99	7·96
3. Dharmagarh	Persons						
	1971	66,914	33·22	52·10	32·53	3·48	11·89
	1981	86,068	34·92	50·17	38·02	3·06	8·75

## III. AREA AND POPULATION

Table No. 305—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Tahasils of the State of Orissa

Name of the District/ Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Jaipatna ..	Males						
	1971	61,836	61.91	54.93	32.40	2.43	10.24
	1981	73,991	60.54	55.72	33.11	2.47	8.70
	Females						
	1971	5,078	5.00	17.77	34.06	16.27	31.90
	1981	12,077	9.72	16.17	68.11	6.71	9.01
	Persons						
	1971	75,420	34.95	46.94	36.66	3.21	13.19
	1981	79,920	36.45	46.56	39.91	3.12	10.41
	Males						
	1971	67,070	62.84	50.91	36.07	2.49	10.53
	1981	66,643	61.69	53.06	35.45	2.45	9.04
5. Kalahandi..	Females						
	1971	8,350	7.66	15.12	41.39	9.00	34.49
	1981	13,286	11.94	14.94	62.27	6.47	17.32
	Persons						
	1971	77,080	32.63	50.00	32.04	1.91	16.05
	1981	28,238	36.13	46.31	33.65	1.93	18.11
	Males						
	1971	69,707	58.86	53.13	30.28	1.58	15.01
	1981	80,162	58.86	50.89	28.88	1.66	18.57
	Females						
	1971	7,373	6.26	20.35	48.75	5.08	25.82
	1981	18,076	13.32	26.01	54.79	3.12	16.08
6. Lanjigarh ..	Persons						
	1971	55,884	32.58	58.27	31.12	1.70	8.91
	1981	70,568	35.05	54.72	34.48	1.55	9.25
	Males						
	1971	52,021	60.97	60.89	29.42	1.35	8.34
	1981	61,593	61.20	59.95	29.91	1.27	8.87
	Females						
	1971	3,863	4.48	22.96	53.98	6.50	16.55
	1981	8,975	8.92	18.89	65.86	3.41	11.84

## III. AREA AND POPULATION

Table No. 3·05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Tahsils of the State of Orissa

Name of the District/ Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>Keonjhar district</b>							
	Persons						
	1971	2,92,387	30·60	53·27	22·03	2·66	22·04
	1981	360,528	32·49	50·36	22·74	2·57	24·33
	Males						
	1971	261,652	54·14	57·62	20·35	2·31	19·72
	1981	297,921	53·25	55·14	18·38	2·48	24·00
	Females						
	1971	30,735	6·51	16·25	36·30	5·64	41·81
	1981	62,607	11·38	27·61	43·47	3·02	25·90
1. Talkoi	Persons						
	1971	N. A.	29·76	64·49	27·44	2·44	5·63
	1981	44,441	34·54	61·39	27·74	2·06	8·81
	Males						
	1971	N. A.	54·66	68·82	23·48	2·05	5·65
	1981	38,661	55·22	67·11	21·88	1·98	9·03
	Females						
	1971	N. A.	5·04	17·82	70·10	6·64	5·44
	1981	9,780	13·92	38·76	50·94	2·34	7·96
	Persons						
2. Barbil	1971	48,368	37·50	21·80	7·39	0·92	69·89
	1981	53,088	34·97	18·97	6·89	1·78	73·36
	Males						
	1971	37,354	55·56	26·19	7·86	0·96	64·99
	1981	41,038	52·44	22·49	6·14	1·96	69·41
	Females						
	1971	11,014	17·83	6·93	5·77	0·80	86·50
	1981	12,050	16·38	7·02	9·43	1·15	82·40

## III. AREA AND POPULATION

Table No. 3-05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Tahsils of the State of Orissa

Name of the District/ Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house- hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3. Champua	Persons						
	1971	35,757	31.56	59.55	21.67	3.89	14.89
	1981	43,989	35.23	52.69	28.08	3.20	16.03
	Males						
	1971	31,188	55.08	63.41	17.31	3.41	15.87
	1981	33,801	54.32	57.38	20.30	3.10	19.22
	Females						
	1971	4,569	8.06	33.19	51.44	7.16	8.21
	1981	10,188	16.26	37.14	53.90	3.54	5.42
4. Keonjhar ..	Persons						
	1971	102,011	29.73	57.21	23.95	3.33	15.51
	1981	130,170	32.75	54.05	24.44	2.96	18.55
	Males						
	1971	92,702	53.71	61.02	21.42	2.85	14.71
	1981	106,727	53.36	58.92	18.52	2.76	19.80
	Females						
	1971	9,309	5.46	19.34	49.10	8.14	23.45
	1981	23,443	11.87	31.91	51.41	3.84	12.54
5. Anandapur ..	Persons						
	1971	71,163	28.22	60.33	26.73	2.35	10.59
	1981	84,840	28.72	56.82	24.42	2.46	16.30
	Males						
	1971	68,310	53.33	62.29	25.64	1.92	10.15
	1981	77,694	52.16	60.27	22.09	2.34	15.30
	Females						
	1971	2,853	2.30	13.43	52.81	12.69	21.07
	1981	7,146	4.88	19.34	49.72	3.74	27.20



## III. AREA AND POPULATION

Table No. 3·05—*contd.*

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Tahsils of the State of Orissa

Name of the District/ Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>KORAPUT DISTRICT</b>	Persons						
	1971	716,987	35·09	52·46	29·96	2·16	15·42
	1981	962,987	39·03	53·74	28·54	1·90	15·82
	Males						
	1971	621,297	60·21	56·90	25·58	2·06	15·46
	1981	744,366	60·16	60·26	20·98	1·84	16·92
	Females						
	1971	95,690	9·46	23·63	58·42	2·76	15·19
	1981	218,621	17·78	31·55	54·25	2·11	12·09
<b>1. Motu</b>	Persons						
	1971	19,827	30·50	74·56	8·45	0·49	16·50
	1981	31,825	32·79	81·02	5·99	0·91	12·08
	Males						
	1971	18,857	57·53	74·90	8·30	0·47	16·33
	1981	27,698	55·58	82·15	4·68	0·86	12·31
	Females						
	1971	970	3·01	67·97	11·43	0·93	19·67
	1981	4,127	8·74	73·49	14·76	1·15	10·59
<b>2. Malkangiri</b>	Persons						
	1971	69,617	34·15	59·67	13·39	1·27	25·67
	1981	84,349	36·13	65·39	18·24	0·93	15·44
	Males						
	1971	64,749	71·04	61·28	12·06	1·20	25·46
	1981	69,183	58·43	70·16	12·67	0·86	16·31
	Females						
	1971	4,868	4·98	38·34	31·07	2·12	28·47
	1981	15,166	13·18	43·62	43·64	1·26	11·48

## III. AREA AND POPULATION

Table No. 3·05—(Contd.)

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Tahsils of the State of Orissa

Name of the District/ Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3. Jeypore	Persons						
	1971	56,575	35·12	40·17	34·91	2·20	22·72
	1981	84,075	40·26	37·92	33·05	2·09	26·94
	Males						
	1971	48,650	59·76	44·00	31·04	2·09	22·87
	1981	63,950	60·51	44·15	24·21	2·07	29·57
	Females						
	1971	7,925	9·95	16·70	58·65	2·88	21·77
	1981	20,125	19·51	18·13	61·16	2·16	18·56
4. Machhkund	Persons						
	1971	N. A.	30·81	71·32	14·58	1·22	12·88
	1981	28,886	40·89	65·80	20·72	1·51	11·97
	Males						
	1971	N. A.	58·46	73·41	13·07	1·25	12·2
	1981	21,164	60·29	71·95	12·58	1·77	13·70
	Females						
	1971	N. A.	2·75	26·27	47·11	0·71	25·91
	1981	7,722	21·73	48·95	43·03	0·80	7·22
5. Nandapur	Persons						
	1971	71,589	35·76	65·03	19·36	1·05	14·56
	1981	66,655	37·89	66·28	14·89	1·09	17·74
	Males						
	1971	64,039	62·35	88·66	15·03	1·10	15·21
	1981	54,232	61·07	69·50	10·32	1·09	19·09
	Females						
	1971	7,550	7·67	33·78	56·61	0·64	8·97
	1981	12,423	14·26	52·19	34·85	1·10	11·86

## III. AREA AND POPULATION

Table No. 3-05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Tahsils of the State of Orissa

Name of the District/ Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
6. Koraput	Persons						
	1971	63,265	33.28	59.36	25.44	1.92	13.38
	1981	85,615	38.71	53.58	25.78	1.69	18.95
	Males						
	1971	56,416	58.91	62.61	22.18	1.95	13.26
	1981	67,618	60.89	59.52	18.88	1.83	19.77
	Females						
	1971	6,849	7.26	32.64	51.42	1.61	14.33
	1981	17,997	16.34	31.21	51.72	1.18	15.89
7. Boriguma	Persons						
	1971	38,286	39.67	41.48	47.30	2.30	8.92
	1981	43,485	41.80	42.94	46.23	2.12	8.71
	Males						
	1971	29,851	61.89	49.00	39.22	2.13	9.65
	1981	32,158	62.04	51.11	37.09	2.02	9.78
	Females						
	1971	8,435	17.47	14.86	75.87	2.90	6.37
	1981	11,327	21.70	19.74	72.16	2.41	5.69
8. Kotpad	Persons						
	1971	34,293	36.76	53.68	30.69	3.32	12.31
	1981	41,849	40.68	54.53	31.43	2.78	11.26
	Males						
	1971	29,648	63.17	57.85	27.06	3.04	11.05
	1981	32,690	63.30	61.96	23.75	2.56	11.73
	Females						
	1971	4,645	10.02	20.68	53.90	5.08	20.34
	1981	9,159	17.87	28.02	58.80	3.57	9.61
9. Kodiaंगा	Persons						
	1971	N. A.	35.13	59.61	30.06	4.08	6.25
	1981	38,795	38.55	62.91	26.64	3.53	6.92
	Males						
	1971	N. A.	64.27	62.91	27.88	3.65	5.56
	1981	32,122	63.36	69.25	21.13	3.21	6.41

## III. AREA AND POPULATION

Table No. 3·05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Tahsils of the State of Orissa

Name of the District/ Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	<b>Females</b>						
	1971	N. A.	5·45	19·97	56·28	9·23	14·52
	1981	6,673	13·36	32·35	53·17	5·10	9·38
<b>10. Omarkote</b>	<b>Persons</b>						
	1971	78,974	31·45	63·02	27·79	2·29	6·90
	1981	124,562	36·89	65·18	25·40	2·30	7·12
	<b>Males</b>						
	1971	73,283	57·65	65·73	25·70	2·04	6·53
	1981	100,031	59·00	72·36	18·35	2·12	7·17
	<b>Females</b>						
	1971	5,691	4·59	28·07	54·70	5·46	11·77
	1981	24,531	14·59	35·91	54·14	3·01	6·94
<b>11. Nabarangpur</b>	<b>Persons</b>						
	1971	94,831	35·02	45·66	35·27	3·03	16·04
	1981	80,493	38·27	43·27	33·83	2·34	19·56
	<b>Males</b>						
	1971	82,258	60·50	49·72	32·50	2·72	15·06
	1981	65,244	61·89	49·58	28·73	2·84	18·85
	<b>Females</b>						
	1971	12,573	9·35	19·12	53·36	5·06	22·46
	1981	15,249	14·54	16·26	55·64	5·52	22·58
<b>12. Kashipur</b>	<b>Persons</b>						
	1971	24,453	31·59	69·96	24·04	1·83	4·17
	1981	36,955	43·12	66·82	24·95	0·99	7·24
	<b>Males</b>						
	1971	22,050	57·72	72·61	21·31	1·89	4·19
	1981	25,136	60·03	71·12	19·45	1·04	8·39
	<b>Females</b>						
	1971	2,403	6·13	45·62	49·11	1·32	3·45
	1981	11,779	26·93	57·62	36·70	0·90	4·78

## III. AREA AND POPULATION

Table No. 3·05—Contd.

Distribution of main workess by sex and category according to 1971 and 1981 (Provisional) Census  
in the different Tahsils of the State of Orissa

Name of the District/ Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
13. Rayagada	Persons						
	1971	65,012	37·60	42·93	33·20	1·61	22·26
	1981	86,052	40·98	39·76	32·21	1·45	26·58
	Males						
	1971	52,703	60·81	46·89	26·69	1·74	24·48
	1981	62,788	60·14	44·56	23·68	1·45	30·31
	Females						
	1971	12,309	14·27	25·98	60·22	1·07	12·73
	1981	23,264	22·03	26·80	55·24	1·42	16·54
14. Gunupur	Persons						
	1971	64,018	40·82	35·23	44·98	3·11	16·68
	1981	79,371	43·30	39·62	41·46	1·71	17·21
	Males						
	1971	47,127	59·94	40·82	27·21	3·40	18·57
	1981	54,114	59·36	48·12	29·84	1·89	20·15
	Females						
	1971	16,891	21·60	19·63	66·68	2·31	11·38
	1981	25,257	27·41	14·0	66·35	1·34	10·91
15. Bissam- Cuttack	Persons						
	1971	38,239	37·66	36·86	43·32	1·96	17·86
	1981	50,060	39·82	46·70	38·86	1·78	12·66
	Males						
	1971	31,409	60·82	42·74	38·03	1·94	17·29
	1981	36,238	58·48	55·93	28·03	1·81	14·23
	Females						
	1971	7,830	14·90	13·25	64·58	2·03	20·14
	1981	13,822	21·68	22·52	67·22	1·72	8·54

## III. AREA AND POPULATION

Table No. 3-05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Tahsils of the State of Orissa

Name of the District/Tahsil	Sex/year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
MAYURBHARJ DISTRICT.	Persons						
	1971	478,306	33.35	46.17	37.42	4.72	11.69
	1981	603,305	38.26	47.14	33.40	5.43	14.03
	Males						
	1971	395,666	54.80	51.83	31.10	4.36	12.72
	1981	440,907	55.65	53.41	25.57	4.40	16.58
	Females						
	1971	82,640	11.60	19.10	67.65	6.49	6.76
	1981	162,398	20.70	30.14	54.65	8.10	7.11
	1. Rairangpur						
	Persons						
	1971	113,526	34.28	56.11	24.17	4.28	15.44
	1981	140,289	40.01	33.53	27.01	3.51	15.95
	Males						
	1971	91,027	55.45	61.30	17.62	4.33	16.75
	1981	98,558	56.70	58.42	19.17	3.73	18.68
	Females						
	1971	22,499	13.47	35.14	50.63	4.10	10.13
	1981	41,731	23.61	41.97	45.55	2.97	9.51
	2. Baripada						
	Persons						
	1971	139,632	33.54	38.33	44.03	4.90	12.74
	1981	179,976	37.76	39.91	37.13	6.95	16.01
	Males						
	1971	115,198	54.28	44.10	37.51	4.29	14.10
	1981	133,989	55.34	46.68	29.52	4.88	18.92
	Females						
	1971	24,434	11.97	11.12	74.73	7.79	6.36
	1981	45,987	19.61	20.19	59.30	12.97	7.54

## III. AREA AND POPULATION

Table No. 3·05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Tahsils of the State of Orissa

Name of the District/Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Othes workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3. Betanati	Persons						
	1971	68,846	33·89	43·95	39·88	6·36	9·81
	1981	83,908	36·80	43·88	38·38	8·30	9·44
	Males						
	1971	56,215	54·84	51·06	32·94	5·06	10·94
	1981	62,436	54·33	52·04	31·27	5·32	11·37
	Females						
	1971	12,631	12·55	12·28	70·80	12·14	4·78
	1981	21,472	18·99	20·15	59·05	16·96	3·84
4. Udala	Persons						
	1971	71,513	32·68	41·82	47·64	3·93	6·61
	1981	87,721	36·21	48·10	38·19	3·95	9·76
	Males						
	1971	61,302	55·11	46·57	42·51	4·06	6·86
	1981	67,874	55·32	54·37	30·20	4·12	11·31
	Females						
	1971	10,211	9·49	13·20	78·45	3·14	5·11
	1981	19,847	16·61	26·67	65·51	3·36	4·40
5. Karanjia	Persons						
	1971	84,981	32·10	51·27	33·63	4·37	10·73
	1981	111,411	39·86	52·49	77·88	4·39	15·24
	Males						
	1971	72,117	54·55	57·29	26·73	4·20	11·78
	1981	78,050	56·26	58·88	18·29	4·15	18·68
	Females						
	1971	12,864	9·65	17·47	72·34	5·32	4·87
	1981	33,361	23·70	37·54	50·31	4·96	7·19

## III AREA AND POPULATION

Table No. 3-05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahsils of the State of Orissa

Name of the District/Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PHULBANI DISTRICT	Persons						
	1971	219,389	35.29	55.16	28.94	3.63	12.27
	1981	281,179	39.45	52.19	30.35	3.44	14.02
	Males						
	1971	185,133	59.68	59.45	24.95	3.09	12.51
	1981	212,572	59.65	57.65	23.53	3.13	15.69
	Females						
	1971	34,256	11.00	31.98	50.55	6.52	10.95
	1981	68,607	19.25	35.27	51.46	4.39	8.88
1. Kantamal ...	Persons						
	1971	N. A.	36.03	60.43	27.82	4.62	7.13
	1981	37,510	34.34	58.54	26.76	5.34	9.36
	Males						
	1971	N. A.	65.65	63.32	26.66	3.40	6.62
	1981	33,758	61.72	62.71	24.55	4.12	8.62
	Females						
	1971	N. A.	6.31	30.27	39.92	17.30	12.51
	1981	3,752	6.88	21.00	46.59	16.31	16.10
2. Bauda ..	Persons						
	1971	82,136	36.04	55.72	28.64	5.02	10.62
	1981	57,468	36.48	49.76	31.52	5.44	13.28
	Males						
	1971	71,345	62.14	61.20	24.01	4.16	10.63
	1981	47,304	59.62	56.55	24.30	4.77	14.18
	Females						
	1971	10,791	9.50	19.27	59.46	10.73	10.54
	1981	10,164	13.00	18.13	65.12	7.65	9.10



## III AREA AND POPULATION

Table No. 3·05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahshils of the State of Orissa

Name of the district/Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3. Khondmals	Persons						
	1971	41,836	37·69	53·54	28·00	2·87	15·59
	1981	49,690	38·18	49·69	27·56	2·82	19·93
	Males						
	1971	33,078	59·41	57·27	22·55	3·02	17·16
	1981	38,018	58·05	54·25	20·32	2·78	22·65
	Females						
	1971	8,758	15·83	39·47	48·56	2·34	9·63
	1981	11,672	18·05	34·86	51·12	2·94	11·08
4. Baliguda	Persons						
	1971	51,728	32·30	55·60	30·82	1·94	11·64
	1981	77,905	42·59	55·64	30·92	1·51	11·93
	Males						
	1971	44,732	56·20	59·61	26·62	1·94	11·93
	1981	54,555	59·85	61·33	22·90	1·72	14·05
	Females						
	1971	6,996	8·68	30·61	57·72	1·89	9·78
	1981	23,350	25·45	42·32	49·67	1·03	6·98
5. G. Udayagiri	Persons						
	1971	43,703	35·64	51·36	28·86	4·06	15·72
	1981	58,606	44·08	48·05	33·09	3·34	15·52
	Males						
	1971	34,413	57·02	55·79	24·61	3·10	16·50
	1981	38,937	59·27	52·77	25·73	2·36	19·14
	Females						
	1971	9,290	14·92	34·94	44·64	7·59	12·83
	1981	19,669	29·24	38·72	47·65	5·29	8·34

## III. AREA AND POPULATION

Table No. 3-05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahsils of the State of Orissa

Name of the district/tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURI DISTRICT	Persons						
	1971	680,488	29.07	46.51	25.65	3.53	24.31
	1981	848,743	29.15	45.29	22.27	3.38	29.06
	Males						
	1971	638,957	53.93	48.94	24.02	3.05	23.99
	1981	783,199	52.75	48.29	20.02	2.90	28.79
	Females						
	1971	41,531	3.59	9.14	50.72	10.86	29.28
	1981	65,544	4.59	9.42	49.17	9.20	32.21
1. Dasapalla	Persons						
	1971	25,595	30.81	54.82	29.16	3.29	12.73
	1981	45,019	44.84	66.84	21.11	2.07	9.98
	Males						
	1971	23,583	56.59	58.26	26.20	2.83	12.71
	1981	41,962	82.14	70.96	17.53	1.74	9.77
	Females						
	1971	2,012	4.86	14.42	63.90	8.70	12.98
	1981	3,057	6.20	10.24	70.23	6.64	12.89
2. Nayagarh	Persons						
	1971	82,472	30.38	53.66	30.93	3.81	11.60
	1981	94,825	29.82	53.26	25.10	6.00	15.64
	Males						
	1971	78,147	56.98	55.85	29.87	2.84	11.44
	1981	87,998	54.10	56.28	23.24	4.77	15.71
	Females						
	1971	4,325	3.22	14.16	50.01	21.23	14.60
	1981	6,827	4.40	14.34	49.02	21.93	14.71

## III. AREA AND POPULATION

Table No. 3-05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahsils of the State of Orissa

Name of the district/tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3. Khandapada	Persons						
	1971	38,864	28.02	59.43	19.19	5.49	15.89
	1981	44,849	27.76	58.03	22.37	5.42	14.18
	Males						
	1971	37,492	53.96	61.04	19.55	4.66	14.75
	1981	43,328	53.18	59.65	22.20	4.82	13.33
	Females						
	1971	1,372	1.98	15.50	9.36	28.07	47.07
	1981	1,521	1.90	11.70	27.22	22.62	38.46
4. Khurda	Persons						
	1971	74,134	28.56	43.98	32.63	4.36	19.03
	1981	83,445	27.00	41.13	29.86	4.62	24.39
	Males						
	1971	68,570	53.56	46.95	31.74	3.66	17.65
	1981	75,819	49.44	44.76	27.51	4.11	23.62
	Females						
	1971	5,564	4.23	7.33	43.60	12.99	36.08
	1981	7,626	4.90	5.06	53.32	9.44	31.98
5. Pipili	Persons						
	1971	44,022	29.49	50.97	31.08	3.37	14.58
	1981	53,344	29.20	52.41	28.31	3.23	16.05
	Males						
	1971	41,618	55.60	53.40	28.95	3.09	14.56
	1981	48,561	52.74	56.72	23.98	2.93	16.37
	Females						
	1971	2,404	3.23	8.79	67.84	8.27	14.92
	1981	4,783	5.28	8.65	72.26	6.21	12.88

## III. AREA AND POPULATION

Table No. 3-05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahsils of the State of Orissa

Name of the district/tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultiva-tors	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
5. Bhubaneswar	Persons						
	1971	121,619	20.75	27.42	25.15	3.28	44.15
	1981	165,537	29.34	21.26	19.62	2.47	56.65
	Males						
	1971	110,407	52.92	29.61	21.25	3.15	45.99
	1981	147,531	49.12	23.21	15.84	2.44	58.51
	Females						
	1971	11,212	6.00	5.86	63.57	4.59	25.98
	1981	18,006	6.82	5.26	50.62	2.68	41.44
7. Nimapada	Persons						
	1971	95,358	29.02	56.23	26.73	2.27	14.27
	1981	117,100	29.62	56.79	25.13	2.50	15.58
	Males						
	1971	88,791	53.61	59.88	23.26	2.49	14.37
	1981	105,406	52.73	61.08	21.63	1.67	15.56
	Females						
	1971	6,567	4.03	6.75	73.69	6.60	12.96
	1981	11,694	5.98	18.12	56.17	9.95	15.76
8. Puri	Persons						
	1971	112,623	28.50	45.11	19.16	3.29	32.44
	1981	140,669	28.73	44.74	17.37	2.89	35.00
	Males						
	1971	107,640	53.66	46.82	19.15	2.84	31.19
	1981	132,220	53.07	47.18	16.65	2.38	33.79
	Females						
	1971	4,983	2.56	8.23	19.33	12.83	59.61
	1981	8,449	4.51	6.57	28.65	10.81	53.97

## III, AREA AND POPULATION

Table No. 3-05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahsils of the State of Orissa

Name of the district/tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultiva-tors	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
9. Krushnaprasad	Persons						
	1971	7,124	27.41	55.92	22.28	1.90	19.90
	1981	9,737	29.25	55.01	14.60	2.09	28.30
	Males						
	1971	6,891	52.63	57.19	21.30	1.67	19.84
	1981	9,417	55.76	56.64	14.72	1.67	26.97
	Females						
	1971	233	1.81	18.46	51.07	8.58	21.89
	1981	320	1.95	6.87	11.25	14.38	67.50
10. Banapur	Persons						
	1971	54,852	26.34	45.77	20.52	2.82	30.89
	1981	65,920	25.86	46.11	18.20	1.84	33.85
	Males						
	1971	53,019	51.52	46.73	20.78	2.45	30.04
	1981	63,861	50.28	47.29	17.95	1.71	33.05
	Females						
	1971	1,833	1.74	18.01	12.95	13.60	55.44
	1981	2,059	1.61	9.32	25.94	5.78	58.96
11. Ranapur	Persons						
	1971	23,922	28.06	55.45	24.24	4.71	15.60
	1981	28,298	27.56	53.28	20.91	5.68	20.13
	Males						
	1971	22,905	54.80	57.16	24.71	3.87	14.31
	1981	27,096	53.27	55.40	21.38	5.07	18.15
	Females						
	1971	1,017	2.34	17.01	13.67	24.68	44.64
	1981	1,202	2.32	5.58	10.23	19.30	64.89

## III. AREA AND POPULATION

Table No. 3·05 —Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahsils of the State of Orissa

Name of the District/Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>SAMBALPUR DISTRICT :</b>							
	<b>Persons</b>						
	1971	651,802	35·33	47·26	28·31	6·09	18·34
	1981	830,803	36·53	42·79	30·16	6·04	21·01
	<b>Males</b>						
	1971	564,669	60·51	51·28	25·57	4·65	18·50
	1981	667,322	57·89	47·81	24·77	4·67	22·75
	<b>Females</b>						
	1971	87,133	9·56	21·26	46·04	15·42	17·28
	1981	163,481	14·58	22·25	52·18	11·64	13·93
<b>1. Padmpur ..</b>	<b>Persons</b>						
	1971	137,394	34·88	60·43	26·15	6·33	7·09
	1981	155,098	35·68	57·35	27·41	6·70	8·54
	<b>Males</b>						
	1971	123,050	62·65	64·22	24·46	4·90	6·42
	1981	131,225	60·50	63·19	22·99	5·40	8·42
	<b>Females</b>						
	1971	14,344	7·26	27·86	40·70	18·56	12·88
	1981	23,873	10·96	25·19	51·72	13·90	9·19
<b>2. Baragada ..</b>	<b>Persons</b>						
	1971	166,074	37·26	49·77	25·94	9·04	15·25
	1981	135,107	36·91	44·43	28·37	7·59	19·61
	<b>Males</b>						
	1971	139,477	62·03	54·31	22·39	7·31	15·99
	1981	110,049	59·40	49·51	23·27	6·66	20·56

## III. AREA AND POPULATION

Table No. 3·05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahasils of the State of Orissa

Name of the District/Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Females						
	1971	26,597	12·01	25·92	44·63	18·13	11·32
	1981	26,058	13·86	22·13	50·77	11·66	15·44
3. Jharasuguda	Persons						
	1971	97,859	34·54	38·83	23·00	3·85	34·32
	1981	117,895	32·39	34·19	22·38	4·31	39·12
	Males						
	1971	86,928	60·08	41·06	21·07	2·90	34·97
	1981	100,481	53·92	35·75	19·31	3·31	41·63
	Females						
	1971	10,931	7·89	21·07	38·30	11·47	29·16
	1981	17,414	9·80	25·20	40·09	10·07	24·64
4. Kuchinda ..	Persons						
	1971	57,323	35·17	47·10	37·49	4·02	11·39
	1981	73,707	39·19	45·49	41·52	3·22	9·77
	Males						
	1971	48,736	59·69	51·40	34·04	3·13	11·33
	1981	54,410	57·46	52·17	33·08	2·89	11·86
	Females						
	1971	8,587	10·56	22·72	57·12	9·02	11·14
	1981	19,297	20·66	26·65	65·32	4·14	3·89
5. Deogarh ..	Persons						
	1971	52,842	32·37	53·58	33·59	3·48	9·35
	1981	75,020	37·99	52·08	29·44	3·03	15·45
	Males						
	1971	46,471	56·24	57·54	30·35	2·90	9·21
	1981	56,505	56·40	56·62	23·37	2·93	17·08
	Females						
	1971	6,421	7·96	24·94	57·05	7·63	10·38
	1981	18,515	19·04	38·23	47·99	3·32	10·46

## III. AREA AND POPULATION

Table No. 3'05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahsils of the State of Orissa

Name of the District/Tahsil	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
6. Rairakhol ..	Persons						
	1971	22,762	33.25	54.70	31.26	3.72	10.32
	1981	28,070	34.19	53.88	28.06	2.97	15.09
	Males						
	1971	20,666	59.58	57.84	28.77	2.93	10.46
	1981	24,497	58.84	58.56	24.39	2.42	14.63
	Females						
	1971	2,097	6.21	23.83	55.72	11.54	8.91
	1981	3,573	8.83	21.80	53.18	6.77	18.25
7. Sambalpur ...	Persons						
	1971	115,230	35.21	32.08	24.86	7.25	35.81
	1981	154,735	37.43	26.94	27.19	9.04	36.83
	Males						
	1971	97,997	58.03	35.50	23.27	4.85	36.38
	1981	120,683	56.76	30.99	22.96	5.09	40.96
	Females						
	1971	17,233	10.87	12.64	33.89	20.89	32.58
	1981	34,052	16.96	12.57	42.21	23.04	22.18
8. Atabira ..	Persons						
	1971	N. A.	38.79	47.12	37.87	6.68	8.03
	1981	91,171	39.92	40.35	44.55	5.45	9.55
	Males						
	1971	N. A.	64.10	53.74	32.20	5.75	8.31
	1981	69,472	60.36	48.41	36.31	4.93	10.35
	Females						
	1971	N. A.	13.28	14.93	65.44	12.95	8.88
	1981	21,699	19.15	14.54	7.35	17.69	7.62



## III- AREA AND POPULATION

Table No. 3·05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahsils of the State of Orissa

Name of the District/ Tahsil	Sex/year	Total main workers	Percentage of main workers to total	Percentage of main workers as			
				Cultivators	Agricultural Labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>SUNDARGARH DISTRICT</b>	Persons						
	1971	324,173	31·45	43·20	16·75	2·73	37·32
	1981	434,217	32·48	37·78	18·17	2·59	41·46
	Males						
	1971	293,123	55·21	45·77	15·79	2·41	56·03
	1981	366,923	53·04	40·32	14·45	2·34	42·89
	Females						
	1971	31,050	6·21	19·01	24·80	5·76	49·43
	1981	67,294	10·43	23·94	38·49	3·93	33·64
<b>Hemgir</b>	Persons						
	1971	30,972	32·81	50·48	35·10	4·23	10·19
	1981	38,791	35·43	49·68	35·14	4·23	10·95
	Males						
	1971	27,940	59·41	53·43	33·56	3·62	4·49
	1981	32,368	59·19	53·89	31·04	3·53	15·34
	Females						
	1971	3,032	6·40	23·20	50·30	9·83	6·67
	1981	6,423	11·72	28·45	55·78	7·75	8·02
<b>Sundargarh</b>	Persons						
	1971	60,069	31·12	51·81	30·29	3·71	14·19
	1981	75,349	33·84	49·05	30·52	3·17	17·26
	Males						
	1971	53,533	56·07	55·04	28·20	3·16	13·60
	1981	61,783	55·72	54·19	25·11	2·78	17·92
	Females						
	1971	6,536	6·83	25·31	47·38	8·23	19·08
	1981	13,566	12·14	25·62	55·14	4·95	14·29

## III. AREA AND POPULATION

Table No. 3-05—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Tahsils of the State of Orissa

Name of the District/Tahsil	Sez/year	Total main workers	Percentage main workers to total population	Percentage of main workers as			
				Cultiva-tors	Agricul-tural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3. Rajagangpur	Persons						
	1971	48,483	31.06	52.44	15.86	3.17	28.53
	1981	64,536	32.86	46.46	17.33	2.64	33.57
	Males						
	1971	43,723	55.39	56.00	14.39	2.79	26.82
	1981	54,456	54.58	50.11	13.69	2.37	33.93
	Females						
	1971	4,760	6.17	19.83	29.29	6.30	44.18
	1981	10,080	10.43	26.76	37.53	4.13	31.58
4. Panposh	Persons						
	1971	128,550	31.20	27.39	5.09	1.70	65.32
	1981	180,424	30.41	22.13	7.10	2.09	68.68
	Males						
	1971	116,786	53.17	29.48	5.07	1.64	63.85
	1981	157,985	49.80	22.90	5.20	1.98	69.92
	Females						
	1971	11,764	6.11	42.12	5.26	2.38	80.24
	1981	22,439	8.13	16.69	20.45	2.91	59.95
5. Banei	Persons						
	1971	56,058	31.66	56.70	19.45	2.81	21.04
	1981	75,117	34.94	50.46	24.36	2.31	22.88
	Males						
	1971	51,068	56.87	59.93	18.69	2.39	18.99
	1981	60,331	55.25	55.59	19.61	2.19	22.61
	Females						
	1971	4,990	5.70	23.48	27.32	7.08	42.02
	1981	14,786	13.97	29.52	43.72	2.78	23.98

SOURCE—Census Report

## III. AREA AND POPULATION

Table No. 3·06 (Contd.)

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Cities & Towns of the State of Orissa.

Name of the District/City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>BALASORE DISTRICT</b>							
<b>1. Jaleswar (N. A. C.)</b>							
	Persons						
	1971	1,894	28·22	32·63	38·02	2·16	27·19
	1981	3,878	29·50	26·18	29·11	2·19	42·52
	Males						
	1971	1,684	48·49	36·16	32·54	2·38	28·92
	1981	3,493	50·41	28·77	24·54	2·20	44·49
	Females						
	1971	210	6·49	4·29	81·90	0·48	13·33
	1981	385	6·19	2·60	70·65	2·08	24·67
<b>2. Balasore (M) Persons</b>							
	1971	13,280	28·72	4·68	11·74	2·78	80·80
	1981	19,163	29·14	3·20	10·87	3·55	82·38
	Males						
	1971	11,905	47·15	4·97	9·39	2·76	82·88
	1981	16,729	47·69	3·30	8·96	3·31	84·43
	Females						
	1971	1,375	6·55	2·11	32·12	2·91	62·86
	1981	2,371	7·76	2·49	24·38	5·23	67·90
<b>3. Sore (N. S. C.) Persons</b>							
	1971	..	..	..	..	..	..
	1981	4,941	26·57	24·79	21·29	2·84	51·08
	Males						
	1971	..	..	..	..	..	..
	1981	4,614	48·26	26·03	20·87	2·77	50·33
	Females						
	1971	..	..	..	..	..	..
	1981	327	3·62	7·34	27·22	3·67	61·77

## III. AREA AND POPULATION

Table No. 3·06 (Contd.)

Distribution of Main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Cities and Towns of the State of Orissa

Name of the District/City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Bhadrak (N. A. C.)	Persons						
	1971	10,863	26·83	10·72	13·83	2·54	72·91
	1981	16,222	26·78	12·34	18·73	2·70	66·23
	Males						
	1971	10,362	47·53	11·09	13·66	2·24	67·95
	1981	15,013	46·31	13·00	16·81	2·24	67·95
	Females						
	1971	501	2·68	2·99	17·37	5·19	74·45
	1981	1,209	4·29	4·22	42·60	8·43	44·75
5. Basudebpur (N. A. C.)	Persons						
	1971	..	..	..	..	..	..
	1981	5,350	26·71	65·76	11·63	1·12	21·49
	Males						
	1971	..	..	..	..	—	..
	1981	5,199	49·79	66·61	11·39	0·98	21·02
	Females						
	1971	..	..	..	..	..	..
	1981	151	1·58	36·42	19·87	5·96	37·75
6. Chandabali (C. T.)	Persons						
	1971	2,401	35·75	19·62	10·87	0·87	68·64
	1981	2,430	31·12	16·42	11·27	3·13	69·18
	Males						
	1971	2,111	57·47	22·31	11·65	0·90	65·14
	1981	2,185	52·66	17·71	11·35	3·43	67·51
	Females						
	1971	290	9·53	..	5·17	0·69	94·14
	1981	245	6·70	4·90	10·61	0·41	84·08

## III, AREA AND POPULATION

Table No. 3-06 (Contd.)

Distribution of Main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Cities and Towns of the State of Orissa

Name of the District/ City/Town	Sex/ Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultiva- tors	Agricul- tural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>BALANGIR DISTRICT</b>							
1. Patnagarh (N. A. C.)	Persons						
	1971	2,962	29.37	21.24	25.42	5.40	47.94
	1981	4,006	29.50	15.90	31.58	5.84	46.68
	Males						
	1971	2,631	50.74	23.75	25.24	4.18	46.83
	1981	3,657	52.56	17.09	30.41	5.63	46.87
	Females						
	1971	331	6.76	1.21	26.89	15.10	56.80
	1981	349	5.27	3.44	33.84	8.02	44.70
	Kantabanji (N. A. C.)						
	Persons						
	1971	2,694	25.68	4.60	1.67	4.75	88.98
	1981	4,239	28.67	3.80	1.67	3.66	90.87
	Males						
	1971	2,250	46.30	4.88	1.71	4.60	88.81
	1981	3,799	49.41	4.16	1.71	2.84	91.29
	Females						
	1971	174	3.45	0.57	1.15	6.90	91.38
	1981	440	6.20	0.68	1.37	10.68	87.27
3. Titilagarh (N. A. C.)	Persons						
	1971	4,121	28.41	9.92	3.35	4.85	81.83
	1981	5,752	29.05	5.13	6.38	4.69	83.80
	Males						
	1971	3,874	50.63	10.45	3.46	5.09	81.00
	1981	5,038	48.56	5.66	5.32	4.25	84.77
	Females						
	1971	247	3.60	2.43	1.62	1.21	94.74
	1981	714	7.58	1.40	13.87	7.84	76.89

## III. AREA AND POPULATION

Table No. 3-06 (Contd.)

Distribution of Main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Cities and Towns of the State of Orissa

Name of the District/ City/Town	Sex/ Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultiva- tors	Agricul- tural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Balangir (M)	Persons						
	1971	9,906	27.71	8.68	5.78	3.51	82.03
	1981	14,651	26.76	4.67	9.78	3.24	82.31
	Males						
	1971	8,947	47.88	9.11	5.31	3.21	82.37
	1981	12,995	45.61	5.02	9.12	3.19	82.67
	Females						
	1971	959	5.62	4.69	10.12	6.36	78.83
	1981	1,656	6.31	1.87	14.98	3.62	79.53
5. Binika (N. A. C.)	Persons						
	1971	..	..	..	..	..	..
	1981	4,145	37.55	22.82	31.36	18.24	27.58
	Males						
	1971	..	..	..	..	..	..
	1981	3,230	57.54	26.16	27.65	15.88	30.31
	Females						
	1971	..	..	..	..	..	..
	1981	915	16.87	11.04	44.48	26.56	17.92
6. Sonepur (M)	Persons						
	1971	2,835	35.07	6.17	3.32	16.47	74.04
	1981	3,126	29.91	4.29	1.31	7.87	86.53
	Males						
	1971	2,192	52.69	7.30	3.61	15.28	73.81
	1981	2,560	47.30	4.61	1.21	7.58	86.90
	Females						
	1971	643	16.39	2.33	2.33	20.53	74.81
	1981	566	11.23	2.83	1.76	9.19	86.22
7. Tarbha (N. A. C.)	Persons						
	1971	2,029	31.62	24.84	6.66	19.07	49.43
	1981	2,266	32.72	23.04	12.09	18.49	46.38
	Males						
	1971	1,988	54.26	27.35	7.49	19.02	46.14
	1981	1,886	54.46	25.35	11.29	18.45	44.91
	Females						
	1971	241	7.72	6.22	0.42	19.50	73.86
	1981	380	10.97	11.58	16.50	18.69	53.68

## III. AREA AND POPULATION

Table No. 3·06 (Contd.)

Distribution of Main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Cities and Towns of the State of Orissa

Name of the District/ City/Town/	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>CUTTACK DISTRICT</b>	Persons						
1. Jajpur Road (N. A. C.)	1971	4,467	41·34	11·15	9·42	1·70	77·73
	1981	5,903	35·78	9·56	8·57	2·22	79·65
	Males						
	1971	4,073	63·49	11·84	8·27	1·79	78·10
	1981	5,445	56·50	9·83	6·85	2·35	80·97
	Females						
	1971	394	8·97	4·06	21·32	0·76	73·86
	1981	458	6·68	6·33	29·04	0·66	63·97
2. Jajpur (M)	Persons						
	1971	4,630	27·71	7·84	14·23	7·30	70·63
	1981	5,795	26·00	9·54	21·48	2·42	66·56
	Males						
	1971	4,387	48·18	7·98	14·57	6·95	70·50
	1981	5,450	45·81	10·05	20·61	2·33	67·01
	Females						
	1971	243	3·12	5·35	8·23	13·58	72·84
	1981	345	3·32	1·45	35·36	3·77	59·42
3. Kendrapara (M)	Persons						
	1971	4,899	24·40	11·31	5·73	5·80	77·16
	1981	6,910	25·11	11·17	7·51	3·72	77·60
	Males						
	1971	4,702	33·15	11·74	5·93	4·91	77·42
	1981	6,583	45·01	11·51	7·02	3·48	77·99
	Females						
	1971	197	2·08	1·02	1·02	27·04	70·92
	1981	327	2·54	4·28	17·43	8·56	69·73

## III. AREA AND POPULATION

Table No. 3·06 (Contd.)

Distribution of Main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Cities and Towns of the State of Orissa

Name of the District/City Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Paradeep (N. A.C.)	Persons						
	1971	3,335	49·74	0·27	0·42	1·77	97·54
	1981	15,018	45·43	0·96	1·36	2·62	95·06
	Males						
	1971	3,288	71·81	0·27	0·43	1·79	97·52
	1981	14,308	67·25	0·99	1·18	27·56	95·27
	Females						
	1971	47	2·21	..	..	..	100·00
	1981	710	6·03	0·42	5·07	3·66	90·85
5. Jagatsinghpur (N. A. C.)	Persons						
	1971	..	..	..	..	..	..
	1981	6,256	29·56	19·76	30·31	8·18	41·75
	Males						
	1971	..	..	..	..	..	..
	1981	5,251	47·58	21·77	25·10	7·08	46·05
	Females						
	1971	..	..	..	..	..	..
	1981	1,005	9·92	9·26	57·51	13·93	19·30
6. Cuttack (M)	Persons						
	1971	57,833	29·80	0·54	0·77	4·64	94·05
	1981	80,574	29·95	0·35	1·02	3·89	94·74
	Males						
	1971	54,260	49·69	0·57	0·77	4·54	94·12
	1981	73,967	49·61	0·36	0·94	3·80	94·90
	Females						
	1971	3,573	4·21	0·20	0·73	6·13	92·94
	1981	6,607	5·51	0·18	1·97	4·95	92·90



## III AREA AND POPULATION

Table No. 3.06 (Contd.)

Distribution of Main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Cities and Towns of the State of Orissa

Name of the District/City Town	Sex/Year	Total main workers	percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industries	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>7. Choudwar (M) Persons</b>							
	1971	9,567	39.37	4.80	6.29	1.22	87.69
	1981	10,922	33.99	2.81	6.08	1.41	89.70
	<b>Males</b>						
	1971	9,167	62.09	4.97	5.54	1.10	88.39
	1981	10,363	55.54	2.91	5.05	1.31	90.73
	<b>Females</b>						
	1971	400	4.21	1.00	3.44	3.99	71.57
	1981	559	4.15	0.90	25.22	3.22	70.66
<b>8. Athagarh (N. A. C.) Persons</b>							
	1971	2,287	25.61	16.53	21.82	2.53	59.12
	1981	2,996	27.02	16.26	13.75	4.54	65.45
	<b>Males</b>						
	1971	2,107	46.15	17.42	19.98	2.70	59.90
	1981	2,748	47.42	17.43	13.43	6.77	64.37
	<b>Females</b>						
	1971	180	4.12	6.11	43.33	0.56	50.00
	1981	248	4.68	3.22	17.34	2.02	77.42
<b>9. Banki (N.A.C.) Persons</b>							
	1971	2,340	25.17	34.61	20.09	2.99	42.31
	1981	2,945	23.38	27.13	15.93	2.75	54.19
	<b>Males</b>						
	1971	2,270	45.60	35.20	20.66	2.38	41.76
	1981	2,824	42.14	28.19	16.22	2.87	52.72
	<b>Females</b>						
	1971	70	1.58	15.71	1.43	22.86	60.00
	1981	121	2.05	2.48	9.09	..	88.43

## III. AREA AND POPULATION

Table No. 3·06—Contd.

Distribution of Main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Cities and Towns of the State of Orissa

Name of the District/City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>DHENKANAL DISTRICT</b>							
<b>1. Talcher (M). Persons</b>							
	1971	3,301	27·99	5·79	8·51	4·42	81·28
	1981	4,514	28·81	4·30	4·05	3·10	88·55
<b>Males</b>							
	1971	2,960	46·87	6·28	6·18	4·10	82·84
	1981	4,123	48·13	4·51	3·49	3·13	88·87
<b>Females</b>							
	1971	341	6·22	1·47	28·74	2·05	67·74
	1981	391	5·51	2·05	9·97	2·81	85·17
<b>2. Talcher Thermal Power Station Township (C. T.)</b>							
	1971	..	..	..	..	..	..
	1981	1,833	34·13	0·11	0·05	..	99·84
<b>Males</b>							
	1971	..	..	..	..	..	..
	1981	1,768	56·11	0·11	0·06	..	99·83
<b>Females</b>							
	1971	..	..	..	..	..	..
	1981	63	2·93	..	..	..	100·00
<b>3. Deracolli e r y Township (C. T.)</b>							
	1971	..	..	..	..	..	..
	1981	1,325	29·76	3·40	3·54	0·53	92·53
<b>Males</b>							
	1971	..	..	..	..	..	..
	1981	1,253	48·83	3·51	2·32	0·40	93·77
<b>Females</b>							
	1971	..	..	..	..	..	..
	1981	72	3·82	1·39	25·00	2·78	70·83

## III. AREA AND POPULATION

Table No 3·06—Contd.

Distribution of Main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Cities and Town of the State of Orissa

Name of the District/Town/City	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Fertiliser Corporation of India, Town ship (C. T.)	Persons						
	1971						
	1981	1,821	35·95	..	..	0·22	99·78
	Males						
	1971						
	1981	1,750	58·92	..	..	0·23	99·77
	Females						
	1971	..	..	..	..	..	..
	1981	71	3·39	..	..	..	100·00
5. Rengali Dam Project Town-ship (C. T.)	Persons						
	1971						
	1981	7,680	58·12	0·38	0·19	0·21	99·22
	Males						
	1971	..	..	..	..	..	..
	1981	6,199	75·49	0·47	0·10	0·24	99·19
	Females						
	1971	..	..	..	..	..	..
	1981	1,481	29·61	..	0·61	0·07	99·32
6. Angul (N.A.C.)	Persons						
	1971	2,772	30·62	1·81	0·72	3·10	94·37
	1981	5,797	32·10	2·31	2·42	1·71	93·56
	Males						
	1971	2,657	46·85	1·84	0·45	3·24	94·47
	1981	5,383	50·25	2·36	1·69	1·71	94·24
	Females						
	1971	115	3·40	0·87	6·96	—	92·17
	1981	414	5·64	1·69	11·84	1·69	84·78

## III. AREA AND POPULATION

Table No. 3'06—Contd.

Distribution of Main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Cities and Towns of the State of Orissa

Name of the District/Town/City	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>7. Dhenkanal (M) Persons</b>							
	1971	5,584	28.47	7.18	7.77	4.68	80.37
	1981	10,303	28.90	8.66	13.12	3.72	74.50
	<b>Males</b>						
	1971	5,316	48.53	7.51	8.14	4.67	79.68
	1981	9,370	47.75	9.32	12.18	3.67	74.83
	<b>Females</b>						
	1971	268	3.09	0.75	0.37	4.85	94.03
	1981	933	5.82	2.04	22.61	4.18	71.17
<b>8. Bhubana (N.A.C.)</b>							
	<b>Persons</b>						
	1971	3,041	26.79	43.57	13.62	17.23	25.58
	1981	4,404	28.38	26.89	15.05	8.29	49.77
	<b>Males</b>						
	1971	2,994	50.79	44.25	13.56	17.17	25.02
	1981	4,152	51.98	28.49	15.87	7.52	48.12
	<b>Females</b>						
	1971	47	0.86	..	17.02	21.28	61.70
	1981	252	3.35	0.40	1.59	21.03	76.98
<b>9. Kamakshyanagar (N.A.C.)</b>							
	<b>Persons</b>						
	1971						
	1981	2,920	28.76	26.75	25.75	2.33	45.17
	<b>Males</b>						
	1971						
	1981	2,718	49.27	28.51	23.29	2.28	45.92
	<b>Females</b>						
	1971						
	1981	202	4.36	2.97	58.91	2.97	35.15

## III. AREA AND POPULATION

Table No. 3·06—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different cities and towns of the State of Orissa

Name of the District/City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>GANJAM DISTRICT</b>							
1. Bhanjanagar (N. A. C.)	Persons						
	1971	3,215	26·03	7·40	10·98	6·19	75·43
	1981	3,724	24·64	5·75	9·48	4·85	80·72
	Males						
	1971	2,723	42·24	7·12	6·87	6·06	79·95
	1981	3,296	42·29	5·76	6·95	3·94	83·35
	Females						
	1971	492	8·33	8·94	33·74	6·91	50·41
	1981	428	5·85	5·61	28·97	4·91	60·51
2. Belaguntha (N. A. C.)	Persons						
	1971	1,882	26·46	15·46	17·38	16·42	50·74
	1981	2,211	27·94	13·16	14·96	11·98	59·90
	Males						
	1971	1,596	45·86	16·42	14·79	16·35	52·44
	1981	1,848	47·79	14·07	13·36	11·69	60·88
	Females						
	1971	286	7·87	10·14	31·82	16·78	41·26
	1981	364	8·99	8·52	23·08	13·46	54·94
3. Buguda (N. A. C.)	Persons						
	1971	1,471	28·57	20·05	12·85	9·45	57·65
	1981	2,494	28·63	21·17	12·31	6·01	60·51
	Males						
	1971	1,249	48·35	23·22	9·85	7·92	59·01
	1981	2,044	47·49	22·55	8·71	4·84	63·90
	Females						
	1971	222	8·65	2·25	29·73	18·02	50·00
	1981	450	10·21	14·89	28·67	11·33	45·11

## III, AREA AND POPULATION

Table No. 3-06—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different cities and towns of the State of Orissa

Name of the District/City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Surada ..	Persons						
(N. A. C.)	1971	2,540	25.83	15.08	3.86	10.35	70.71
	1981	2,908	25.85	10.56	5.57	9.15	74.72
	Males						
	1971	2,292	44.90	16.50	4.23	9.29	69.98
	1981	2,572	45.75	11.55	5.87	9.37	73.21
	Females						
	1971	268	5.61	2.98	0.75	19.40	76.87
	1981	336	5.97	2.98	3.27	7.44	86.31
5. Asika ..	Persons						
(N. A. C.)	1971	3,533	27.27	10.92	12.85	10.56	65.67
	1981	4,357	26.58	8.65	9.20	6.59	75.56
	Males						
	1971	3,040	45.93	11.51	6.84	10.96	70.69
	1981	3,705	43.81	9.58	5.02	6.56	78.84
	Females						
	1971	493	7.78	7.30	49.90	8.11	34.69
	1981	652	8.22	3.37	32.98	6.75	56.90
6. Digapahandi	Persons						
(N. A. C.)	1971	..	..	..	..	..	..
	1981	2,368	30.15	21.79	26.56	5.74	45.91
	Males						
	1971	..	..	..	..	..	..
	1981	1,902	48.09	24.24	18.61	6.68	50.47
	Females						
	1971	..	..	..	..	..	..
	1981	466	11.95	11.80	59.01	1.93	27.26

## III. AREA AND POPULATION

Table No. 3·06—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different cities and towns of the State of Orissa

Name of the District/City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
7. Kashinagar (N. A. C.)	Persons						
	1971	..	..	..	..	..	..
	1981	3,459	37·70	23·33	38·80	3·99	33·88
	Males						
	1971	..	..	..	..	..	..
	1981	2,406	53·28	29·39	29·84	4·32	36·45
	Females						
	1971	..	..	..	..	..	..
	1981	1,053	22·60	9·50	59·26	3·23	28·01
8. Paralakhemundi (M)	Persons						
	1971	7,246	26·92	8·64	9·16	8·76	73·44
	1981	9,378	29·02	6·60	8·55	7·17	77·68
	Males						
	1971	6,010	44·21	9·57	8·30	8·82	73·31
	1981	7,451	45·71	6·81	5·38	6·05	81·76
	Females						
	1971	1,236	9·28	4·12	13·34	8·49	74·05
	1981	1,927	12·03	5·81	20·81	11·47	61·91
9. Chikiti (N. A. C.)	Persons						
	1971	..	..	..	..	..	..
	1981	2,557	31·27	9·43	24·76	6·37	59·44
	Males						
	1971	..	..	..	..	..	..
	1981	2,002	48·32	11·39	17·33	6·29	64·99
	Females						
	1971	..	..	..	..	..	..
	1981	555	13·76	2·34	51·53	6·67	39·46

## III. AREA AND POPULATION

Table No. 3·06—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different cities and towns of the State of Orissa

Name of the District/City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house-hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
10. Gopalpur.. (N. A. C.)	Persons						
	1971	1,061	29·61	1·23	0·38	2·17	96·32
	1981	1,314	29·19	0·68	0·46	3·58	95·28
	Males						
	1971	889	49·53	1·13	0·45	1·91	96·51
	1981	1,082	47·21	0·83	0·19	2·40	96·58
	Females						
	1971	172	9·62	1·16	..	3·49	95·35
	1981	232	10·50	..	1·73	9·05	89·22
11. Berhampur (M)	Persons						
	1971	32,495	27·62	4·02	3·88	6·92	85·18
	1981	42,862	26·39	2·94	3·68	6·75	86·63
	Males						
	1971	28,144	46·19	4·40	3·01	6·17	86·42
	1981	37,689	44·66	3·20	3·05	5·38	88·37
	Females						
	1971	4,351	7·67	1·54	9·52	11·80	77·14
	1981	5,173	6·63	0·97	8·29	16·76	73·98
12. Hinjili .. (N. A. C.)	Persons						
	1971	3,017	27·88	21·74	21·25	13·46	43·55
	1981	4,144	30·12	20·68	22·78	11·00	45·54
	Males						
	1971	2,581	46·55	23·88	18·44	11·58	46·15
	1981	3,381	48·07	22·15	16·89	11·09	49·87
	Females						
	1971	436	8·26	9·40	37·85	24·54	28·21
	1981	763	11·34	14·15	48·89	10·62	26·34



## III. AREA AND POPULATION

Table No. 3'06—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different cities and towns of the State of Orissa

Name of the District/City Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
13. Chatrapur (N. A. C.)	Persons						
	1971	2,839	26.20	5.92	2.63	4.12	87.28
	1981	3,920	27.72	5.43	6.79	4.77	83.01
	Males						
	1971	2,443	44.22	5.61	2.29	3.40	88.70
	1981	3,322	45.45	5.24	4.03	3.76	86.97
	Females						
	1971	396	7.46	7.83	5.05	8.59	78.53
	1981	598	8.77	6.52	22.07	10.37	61.04
14. Ganjam .. (C. T.)	Persons						
	1971	..	..	..	..	..	..
	1981	1,913	25.26	17.20	5.44	3.13	74.23
	Males						
	1971	..	..	..	..	..	..
	1981	1,818	46.30	17.93	5.28	2.75	74.04
	Females						
	1971	..	..	..	..	..	..
	1981	95	2.61	3.16	8.42	10.53	77.89
15. Rambha .. (N. A. C.)	Persons						
	1971	2,110	31.16	19.81	5.88	3.34	70.47
	1981	3,213	35.20	13.35	27.23	5.54	53.88
	Males						
	1971	1,773	51.71	22.33	5.92	3.33	68.42
	1981	2,172	53.18	18.23	13.35	4.74	63.68

## III. AREA AND POPULATION

Table No. 3-06—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different cities and towns of the State of Orissa

Name of the District/City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>Females</b>							
	1971	337	10.08	6.53	5.64	6.53	81.30
	1981	1,041	25.32	3.17	56.20	7.20	33.43
16. Khalikote..	Persons						
( N. A. C. )							
	1971	1,249	28.29	22.88	11.55	4.26	61.31
	1981	2,541	30.47	26.57	17.47	2.83	53.13
<b>Males</b>							
	1971	1,630	46.36	24.79	11.84	3.80	59.57
	1981	1,912	44.17	24.95	11.30	2.93	60.82
<b>Females</b>							
	1971	319	9.46	13.17	10.03	6.58	70.22
	1981	629	15.68	31.48	36.25	2.54	29.73
17. Purusottampur	Persons						
( N. A. C. )							
	1971	2,638	29.65	20.96	28.39	7.96	42.69
	1981	3,350	31.19	18.81	29.64	5.91	45.64
<b>Males</b>							
	1971	2,105	47.65	24.65	19.29	7.03	49.03
	1981	2,533	46.38	20.61	20.17	6.08	53.14
<b>Females</b>							
	1971	533	11.90	6.38	64.35	11.63	17.64
	1981	817	15.48	13.22	59.00	5.38	22.40
18. Kavisurjya-	Persons						
nagar (N.A.C.)							
	1971	2,783	29.35	14.63	18.08	14.38	52.91
	1981	3,314	27.93	15.72	16.36	15.64	54.28

## III. AREA AND POPULATION

Table No. 3·06—Contd.

Distribution of Main workers by sex and category according to 1971 and 1981 ( Provisional )  
Census in the different cities and towns of the State of Orissa

Name of the District/City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>Males</b>							
	1971	2,252	47·28	16·74	12·79	11·72	58·75
	1981	2,699	45·03	16·63	11·34	12·93	59·10
<b>Females</b>							
	1971	536	11·32	5·78	40·30	25·56	28·36
	1981	615	10·47	11·71	38·37	16·75	33·17
19. Polasara .. Persons							
( N. A. C. )	1971	3,395	32·09	24·98	43·80	9·10	22·12
	1981	3,847	29·50	27·97	33·32	5·77	32·94
<b>Males</b>							
	1971	2,418	46·58	28·95	33·83	9·35	27·87
	1981	3,124	47·92	31·08	27·14	6·15	35·63
<b>Females</b>							
	1971	977	18·13	15·15	68·47	8·50	7·88
	1981	723	11·09	14·52	60·03	4·15	21·30
20. Kodala .. Persons							
( N. A. C. )	1971	..	..	..	..	..	..
	1981	2,603	30·51	30·77	24·20	7·72	37·31
<b>Males</b>							
	1971	..	..	..	..	..	..
	1981	2,022	48·20	35·95	16·57	5·49	41·99
<b>Females</b>							
	1971	..	..	..	..	..	..
	1981	581	13·40	12·74	50·77	15·49	21·00

## III. AREA AND POPULATION

Table No. 3-06—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different cities and towns of the State of Orissa

Name of the District/City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main worker as			
				Cultivators	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>KALAHANDI</b>							
<b>1. Khadial Road Persons (N.A.C.)</b>							
	1971	3,119	33.81	17.12	8.43	3.24	71.21
	1981	3,793	33.14	16.95	10.94	1.66	70.45
	Males						
	1971	2,618	55.65	18.79	7.22	3.48	70.51
	1981	3,196	54.53	17.87	9.64	1.50	70.99
	Females						
	1971	501	11.08	8.38	14.77	2.00	74.85
	1981	597	10.69	12.06	17.92	2.51	67.51
<b>2. Khadial (N.A.C.)</b>							
	Persons						
	1971	2,213	28.92	19.70	12.25	2.39	65.66
	1981	3,107	31.23	13.13	28.04	2.54	56.29
	Males						
	1971	1,885	49.15	21.33	14.32	2.28	62.07
	1981	2,687	52.76	13.77	23.13	2.46	60.64
	Females						
	1971	328	8.60	10.37	0.30	3.05	86.28
	1981	470	2.49	9.57	55.53	2.98	31.92
<b>3. Junagarh (N.A.C.)</b>							
	Persons						
	1971	2,386	30.29	16.97	23.43	3.06	56.54
	1981	8,008	29.50	13.93	36.67	1.73	47.67
	Males						
	1971	2,135	53.94	18.50	24.03	3.14	54.33
	1981	2,683	52.95	15.06	34.96	1.75	48.23
	Females						
	1971	251	6.41	3.98	18.33	2.39	75.30
	1981	325	6.34	4.61	50.77	1.54	43.08

## III. AREA AND POPULATION

Table No. 306—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different cities and towns of the State of Orissa

Name of the District/City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Bhawani-patna (M)	Persons						
	1971	6,398	28.05	7.24	10.78	2.97	79.01
	1981	10,788	28.54	4.73	12.46	2.58	80.23
	Males						
	1971	5,715	47.71	7.79	10.35	2.99	78.87
	1981	9,168	46.01	5.42	10.28	2.45	81.85
	Females						
	1971	683	6.25	2.64	14.39	2.79	80.18
	1981	1,620	9.06	0.86	24.82	3.27	71.05
5. Kesinga (N.A.C.)	Persons						
	1971	2,861	33.52	22.19	10.35	1.78	65.68
	1981	3,422	30.78	21.07	17.71	2.31	58.91
	Males						
	1971	2,521	56.78	24.59	11.34	1.75	62.32
	1981	3,153	55.16	22.20	18.08	2.12	57.60
	Females						
	1971	340	8.30	4.41	2.94	2.06	90.59
	1981	269	4.98	7.81	13.38	4.46	74.35

## III. AREA AND POPULATION

Table No. 3-06—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different cities and towns of the State of Orissa

Name of the District/City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>KEONJHAR</b>							
1. Barbil (M)	Persons						
	1971	9,708	39.88	4.00	1.86	1.28	92.86
	1981	11,205	33.92	2.74	1.59	1.89	93.78
	Males						
	1971	7,976	58.87	4.78	2.20	1.43	91.59
	1981	9,466	52.84	3.10	1.49	2.08	93.33
	Females						
	1971	1,732	16.08	0.40	0.29	0.58	98.73
	1981	1,739	11.50	0.81	2.13	0.86	96.20
2. Joda (N.A.C)	Persons						
	1971	6,290	36.25	3.32	0.88	0.95	94.85
	1981	8,712	33.13	2.54	1.86	2.68	92.92
	Males						
	1971	4,961	53.46	4.19	1.07	1.05	93.69
	1981	6,577	48.41	3.03	1.88	3.10	91.99
	Females						
	1971	1,329	16.46	0.08	0.15	0.60	99.17
	1981	2,135	16.80	1.03	1.78	1.41	95.78
3. Balagada (Belani) town (C. T.)	Persons						
	1971	..	..	..	..	..	..
	1981	3,000	31.53	4.36	0.87	0.87	94.60
	Males						
	1971	..	..	..	..	..	..
	1981	2,660	51.42	3.31	0.86	0.19	95.67
	Females						
	1971	..	..	..	..	..	..
	1981	340	7.83	12.65	0.88	..	86.47

## III. AREA AND POPULATION

Table No. 3'06—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Cities and towns of the State of Orissa

Name of the District/City/town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>4. Keonjhar (M) Persons</b>							
	1971	5,524	28.56	10.73	14.80	6.90	67.47
	1981	8,570	30.54	5.87	19.12	4.52	70.49
	<b>Males</b>						
	1971	4,883	47.11	11.47	13.70	6.45	68.48
	1981	7,301	47.78	6.19	14.86	4.81	74.14
	<b>Females</b>						
	1971	638	7.14	5.15	24.02	11.08	59.75
	1981	1,269	9.93	4.02	43.65	2.84	49.49
<b>5. Daitari (C. T.) Persons</b>							
	1971	..	..	..	..	..	..
	1981	1,584	32.70	0.06	..	5.87	94.07
	<b>Males</b>						
	1971	..	..	..	..	..	..
	1981	1,404	53.53	0.07	..	5.20	94.73
	<b>Females</b>						
	1971	..	..	..	..	..	..
	1981	180	8.10	..	..	11.11	88.89
<b>6. Anandapur (N.A.O.) Persons</b>							
	1971	1,589	25.17	24.10	7.24	8.75	59.91
	1981	6,518	26.61	29.93	15.20	7.32	47.55
	<b>Males</b>						
	1971	1,510	44.44	24.83	7.22	8.61	59.34
	1981	6,120	47.13	31.47	14.53	6.80	47.20
	<b>Females</b>						
	1971	79	2.71	10.13	7.59	11.39	70.89
	1981	398	3.46	6.28	25.63	15.33	52.76

## III. AREA AND POPULATION

Table No. 3·06 (Contd.)

Distribution of Main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Cities and Towns of the State of Orissa

Name of the Districts/ City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household Industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>KORAPUT</b>							
1. Malkangiri	Persons						
	1971	2,644	45·28	15·58	3·90	3·97	76·55
	1981	5,409	34·71	16·98	15·58	2·20	65·24
	Males						
	1971	2,326	58·49	16·94	4·26	4·34	74·46
	1981	4,426	53·45	18·87	10·89	1·92	68·32
	Females						
	1971	318	9·04	5·66	1·26	1·26	91·82
	1981	980	13·48	8·47	36·73	3·47	51·33
2. Chitrakunda (C. T.)	Persons						
	1971	..	..	..	..	..	..
	1981	2,046	29·72	2·30	1·26	2·69	93·05
	Males						
	1971	..	..	..	..	..	..
	1981	2,046	53·47	2·55	1·27	2·00	94·14
	Females						
	1971	..	..	..	..	..	..
	1981	200	4·62	..	1·16	8·11	90·73
3. Balimelanagar (C. T.)	Persons						
	1971	..	..	..	..	..	..
	1981	2,927	31·05	5·13	16·74	1·40	76·73
	Males						
	1971	..	..	—	..	—	..
	1981	2,727	53·47	5·43	14·92	1·32	78·33
	Females						
	1971	—	..	..	..	..	—
	1981	200	4·62	1·00	4·50	2·50	55·00



## III. AREA AND PAPULATION

Table No. 3'06 (Contd.)

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Cities and Towns of the State of Orissa

Name of the District/ City/Town	Sex/ Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house- hold Industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Jayepore (M)	Persons						
	1971	9,616	28.02	4.52	5.07	4.78	85.63
	1981	16,835	31.42	3.49	6.00	4.25	86.26
	Males						
	1971	8,454	4.26	4.66	4.99	4.58	85.77
	1981	14,046	51.12	2.99	3.80	4.01	89.20
	Females						
	1971	1,162	6.92	3.53	5.59	6.28	84.60
	1981	2,789	10.68	6.02	17.03	5.49	71.46
5. Sunabeda	Persons						
	1971	8,858	31.66	26.05	9.11	0.98	63.86
	1981	12,401	30.90	20.16	7.45	1.33	71.06
	Males						
	1971	8,366	55.67	27.03	8.35	0.86	63.76
	1981	11,283	52.72	22.01	6.26	1.21	70.52
	Females						
	1971	492	3.80	9.35	21.95	3.05	65.65
	1981	1,218	6.44	31.12	18.39	2.46	76.03
6. Koraput	Persons						
	1971	6,946	32.30	29.63	7.39	1.35	61.63
	1981	10,438	32.99	19.95	4.61	11.61	73.83
	Males						
	1971	6,413	56.36	30.08	6.52	1.33	62.07
	1981	8,749	52.91	20.63	3.26	1.60	74.51
	Females						
	1971	533	5.27	24.16	17.79	1.68	56.37
	1981	1,689	11.18	16.46	11.60	1.66	70.28

## III. AREA AND PAPULATION

Table No. 3'06 (Contd.)

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Cities and Towns of the State of Orissa

Name of the District/ City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold Industry	Others workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
7.Kotpad(N.A.C.)	Persons						
	1971	2,866	29.08	20.83	11.62	10.47	57.08
	1981	3,745	32.27	13.91	22.83	11.30	51.96
	Males						
	1971	2,411	49.63	22.73	12.90	10.74	53.63
	1981	2,922	51.74	16.43	19.18	9.21	54.55
	Females						
	1971	455	9.10	10.77	4.84	9.01	75.38
	1981	823	13.82	4.98	33.54	18.71	42.77
8.Omarkote (N.A.C.)	Persons						
	1971	3,129	31.85	26.49	17.09	1.15	55.27
	1981	5,027	35.13	18.84	22.56	2.05	56.55
	Males						
	1971	2,724	52.97	29.70	14.83	1.14	54.33
	1981	3,866	52.94	23.87	12.29	1.99	61.85
	Female						
	1971	405	38.67	4.93	32.26	1.23	61.58
	1981	1,161	16.57	2.07	56.76	2.24	38.93
9.Nabarangpur (M)	Persons						
	1971	3,947	28.73	11.28	2.91	3.09	82.72
	1981	5,949	31.17	6.03	4.02	3.65	86.30
	Males						
	1971	3,362	48.30	11.90	3.15	2.92	82.03
	1981	4,880	50.24	6.64	3.63	3.60	86.13
	Females						
	1971	585	8.63	7.69	1.54	4.10	86.67
	1981	1,069	11.41	3.27	5.80	3.84	87.09
10.Papadahandi (N.A.C)	Persons						
	1971	..	..	..	..	..	..
	1981	2,350	36.63	30.21	29.32	3.32	37.15
	Males						
	1971	..	..	..	..	..	..
	1981	1,862	57.90	31.95	26.80	2.69	38.56
	Females						
	1971	..	..	..	..	..	..
	1981	488	15.25	23.57	38.93	5.74	31.76

## III. AREA AND POPULATION

Table No. 30·6 (Contd.)

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different Cities and Towns of the State of Orissa

Name of the District/ City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
11. Rayagada (M)	Persons						
	1971	7,665	30·58	5·35	13·65	2·24	78·76
	1981	11,245	31·48	5·67	6·47	2·23	85·63
	Males						
	1971	6,545	50·63	5·88	9·35	2·22	82·55
	1981	9,231	50·54	5·83	4·68	1·88	87·61
	Females						
	1971	1,120	9·23	2·23	38·75	2·41	56·61
	1981	2,014	11·53	4·97	14·65	3·82	76·56
12. Chadili (C.T.)	Persons						
	1971	..	..	..	..	—	..
	1981	3,969	31·79	2·47	1·76	2·95	92·82
	Males						
	1971	..	..	..	..	..	..
	1981	3,724	55·62	2·18	1·50	2·44	93·88
	Females						
	1971	..	..	..	..	..	..
	1981	245	4·23	6·94	5·71	10·61	76·74
13. Gunpur (N.A.C.)	Persons						
	1971	3,606	28·39	10·71	6·21	6·18	76·90
	1981	5,525	33·07	10·73	8·00	2·93	78·34
	Males						
	1971	3,284	51·06	11·21	6·18	6·06	76·55
	1981	4,332	50·66	12·19	4·99	2·58	80·24
	Females						
	1971	322	15·14	5·59	6·52	7·45	80·44
	1981	1,193	14·63	5·45	18·94	4·19	71·42
14. Gudari (N.A.C.)	Persons						
	1971	1,371	28·72	18·45	28·08	11·16	42·31
	1981	1,934	34·19	11·17	11·07	7·39	70·37
	Males						
	1971	1,207	50·10	19·39	25·68	11·10	43·83
	1981	1,519	53·50	13·82	9·55	6·45	70·18
	Females						
	1971	164	6·93	11·58	45·73	11·59	31·10
	1981	415	14·73	1·45	16·63	10·84	71·08

## III. AREA AND POPULATION

Table No. 3-06 (Contd.)

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different City and Towns of the State of Orissa

Name of the District/ City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>MAYURBHANJ</b>							
<b>1. Rairangpur Persons (N. A. C.)</b>							
	1971	3,040	27.08	20.36	7.30	2.07	70.27
	1981	4,782	30.85	10.21	9.93	2.55	77.31
	<b>Males</b>						
	1971	2,780	47.72	20.47	6.69	2.09	70.75
	1981	4,050	49.44	10.13	6.69	2.64	80.54
	<b>Females</b>						
	1971	260	4.81	19.23	13.85	1.92	65.00
	1981	732	10.01	10.65	27.87	2.05	59.43
<b>2. Baripada (M)</b>							
	<b>Persons</b>						
	1971	7,842	27.30	4.41	4.71	4.72	86.16
	1981	11,476	28.47	2.51	3.16	5.11	89.22
	<b>Males</b>						
	1971	7,107	44.71	4.71	3.55	4.32	87.42
	1981	10,083	46.10	2.68	2.78	4.53	90.01
	<b>Females</b>						
	1971	735	5.73	1.49	15.90	8.56	74.05
	1981	1,393	7.55	1.29	5.96	9.26	83.49
<b>3. Udala (N. A. C.)</b>							
	<b>Persons</b>						
	1971	2,237	31.36	14.08	19.71	2.28	63.93
	1981	2,237	31.36	14.08	19.71	2.28	63.93
	<b>Males</b>						
	1971	1,862	47.74	13.53	15.31	2.15	69.01
	1981	1,862	47.74	13.53	15.31	2.15	69.01
	<b>Females</b>						
	1971	375	11.60	16.80	41.60	2.93	38.67
	1981	375	11.60	16.80	41.60	2.93	38.67
<b>4. Karanjia (N. A. C.)</b>							
	<b>Persons</b>						
	1971	4,680	31.44	13.06	18.03	4.51	64.40
	1981	4,680	31.44	13.06	18.03	4.51	64.40
	<b>Males</b>						
	1971	3,870	48.27	13.00	11.96	4.06	70.98
	1981	3,870	48.27	13.00	11.96	4.06	70.98
	<b>Females</b>						
	1971	810	11.79	13.33	47.04	6.67	32.96
	1981	810	11.79	13.33	47.04	6.67	32.96

## III. AREA AND POPULATION

Table No. 3·06 (Contd.)

Distribution of main workers by sex and category according to 1971 and 1981  
(Provisional) Census in the different Cities and Towns of the State of Orissa

Name of the District/ City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>PHULBANI DISTRICT</b>							
<b>1. Bouda (N. A. C.)</b>							
Persons							
	1971	3,287	36·97	16·94	14·33	24·19	44·54
	1981	3,806	30·22	13·82	6·36	16·40	63·37
Males							
	1971	2,531	54·85	20·51	10·43	17·90	51·16
	1981	3,333	50·64	15·30	5·64	12·96	66·10
Females							
	1971	756	17·68	5·03	27·38	45·24	22·35
	1981	473	7·87	3·38	11·42	41·01	44·19
<b>2. Phulbani (N. A. C.)</b>							
Persons							
	1971	3,231	30·74	7·86	3·88	2·02	86·24
	1981	5,160	29·18	4·75	5·72	2·03	87·60
Males							
	1971	3,925	50·57	8·07	3·19	2·06	86·68
	1981	4,525	46·75	4·80	4·02	2·01	89·17
Females							
	1971	308	6·46	5·88	10·46	1·63	82·03
	1981	635	7·93	3·62	17·80	2·20	76·38
<b>3. G. Udayagiri (N. A. C.)</b>							
Persons							
	1971	..	..	..	..	..	..
	1981	2,225	32·52	11·33	31·17	1·66	65·84
Males							
	1971	..	..	..	..	..	..
	1981	1,743	49·04	11·24	14·23	1·61	72·92
Females							
	1971	..	..	..	..	..	..
	1981	482	14·66	11·62	46·26	1·87	40·25

## III. AREA AND POPULATION

Table No. 3-06 (Contd.)

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Cities and Towns of the State of Orissa

Name of the District/City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>PURI DISTRICT</b>							
1. Nayagarh (N. A. C.)	Persons						
	1971	1,516	29.10	3.89	1.91	3.76	90.44
	1981	2,350	30.31	5.62	4.13	2.59	87.66
	Males						
	1971	1,406	46.45	4.13	1.92	2.84	91.11
	1981	2,209	48.91	5.84	3.85	2.31	88.00
	Females						
	1971	110	5.04	0.91	1.82	15.46	81.82
	1981	141	4.35	2.13	8.51	7.09	82.27
	2. Kontilo (C. T.)						
	Persons						
	1971	..	..	..	..	..	..
	1981	1,916	24.34	13.62	8.46	22.86	55.07
	Males						
	1971	..	..	..	..	..	..
	1981	1,805	44.65	13.91	8.59	23.71	53.79
	Females						
	1971	..	..	..	..	..	..
	1981	111	2.90	9.01	6.31	9.01	75.67
3. Khurdha (N. A. C.)	Persons						
	1971	4,303	27.10	10.90	21.68	4.741	62.68
	1981	5,962	26.63	7.25	10.65	2.88	79.22
	Males						
	1971	4,098	47.90	11.35	21.45	4.42	62.78
	1981	5,524	46.11	7.71	10.99	2.43	78.87
	Females						
	1971	205	2.81	1.94	26.21	11.17	60.68
	1981	438	4.21	1.37	9.39	8.68	83.56

## III. AREA AND POPULATION

Table No. 3-06 (Contd.)

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Cities and Towns of the State of Orissa

Name of the District/City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Pipili (N. A. C.)	Persons						
	1971	..	..	..	..	..	..
	1981	2,769	31.93	27.41	30.66	8.88	33.05
	Males						
	1971	..	..	..	..	..	..
	1981	2,399	54.77	31.26	25.14	8.71	34.89
	Females						
	1971	..	..	..	..	..	..
	1981	370	8.62	2.43	66.49	10.00	21.08
5. Bhubaneswar (M)	Persons						
	1971	38,820	32.04	4.20	6.46	1.23	88.11
	1981	69,456	31.65	3.24	4.71	1.66	90.39
	Males						
	1971	31,676	51.76	4.41	5.61	1.19	88.79
	1981	63,049	50.49	3.52	3.89	1.67	90.92
	Females						
	1971	7,144	4.84	1.07	19.02	1.82	78.09
	1981	6,407	6.78	0.47	12.78	1.48	85.27
6. Jatani (N. A. C.)	Persons						
	1971	7,297	29.05	2.18	3.48	2.03	92.31
	1981	9,718	24.35	2.92	3.07	2.57	91.44
	Males						
	1971	6,911	50.07	2.19	2.63	2.10	93.08
	1981	9,187	44.08	3.08	3.08	2.58	91.26
	Females						
	1971	386	3.41	2.07	18.05	0.78	78.50
	1981	531	2.79	0.19	2.82	2.45	94.54

## III. AREA AND POPULATION

Table No. 3·6 (Contd.)

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Cities and Towns of the State of Orissa

Name of the District/ City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house hold industries	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
7. Nimapara (N. A. C.)	Persons						
	1971	..	..	..	..	..	..
	1981	3,281	28·75	27·03	22·28	4·12	46·57
	Males						
	1971	..	..	..	..	..	..
	1981	2,776	45·88	29·58	15·85	3·35	51·22
	Females						
	1971	..	..	..	..	..	..
	1981	505	9·42	13·07	57·62	8·32	20·99
8. Puri (N. A. C.)	Persons						
	1971	21,359	29·39	1·35	0·89	3·93	93·83
	1981	28,447	28·14	0·71	1·39	3·91	93·99
	Males						
	1971	19,141	48·99	1·45	0·81	3·71	94·03
	1981	25,274	46·91	0·78	1·29	3·30	94·63
	Females						
	1971	2,818	6·60	0·50	1·53	5·82	92·15
	1981	3,173	6·72	0·16	2·24	8·76	88·84
9. Banpur (N. A. C.)	Persons						
	1971	..	..	..	..	..	..
	1981	2,995	25·25	21·53	17·70	3·54	57·23
	Males						
	1971	..	..	..	..	..	..
	1981	2,866	47·30	22·33	18·07	3·18	56·42
	Females						
	1971	..	..	..	..	..	..
	1981	129	2·22	3·88	9·30	11·63	75·19



## III. AREA AND POPULATION

Table No. 3-06—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional)  
Census in the different City and Towns of the State of Orissa

Name of the District/ City/Town	Sex/ Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultiva- tors	Agricul- tural labourers	Workers in house- hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>SAMBALPUR DISTRICT</b>							
1. Jharsuguda	Persons						
	1971	8,919	30.13	4.86	3.38	3.91	87.85
	1981	17,317	31.57	7.53	11.42	6.07	75.98
	Males						
	1971	7,617	51.96	5.08	3.57	3.33	88.02
	1981	15,155	51.67	8.01	9.57	3.89	78.53
	Females						
	1971	1,302	5.70	2.56	1.50	9.77	86.17
	1981	2,162	8.47	4.16	24.38	13.37	58.09
	2. Kochinda (N.A.C.)						
	Persons						
	1971	2,247	32.86	28.79	25.15	2.45	43.61
	1981	3,179	33.94	28.06	25.80	4.59	41.55
	Males						
	1971	1,950	52.87	29.74	23.54	1.74	44.98
	1981	2,482	49.46	26.75	20.43	3.83	48.99
	Females						
	1971	297	9.43	22.56	35.69	7.07	34.68
	1981	697	16.03	32.71	44.91	7.32	15.06
3. Deogarh (M)	Persons						
	1971	2,551	28.64	14.43	26.77	3.45	55.35
	1981	4,348	32.02	12.93	18.33	2.07	66.67
	Males						
	1971	2,279	47.97	15.83	27.55	3.18	53.44
	1981	3,468	47.00	12.73	15.86	2.10	69.81
	Females						
	1971	272	6.42	4.44	21.27	5.40	68.89
	1981	880	14.19	15.68	28.07	1.93	54.32

## III. AREA AND POPULATION

Table No. 3-06—Contd.

Distribution of Main Workers by sex and Category according to 1971 and 1981 (Provisional Census in the different City and Towns of the State of Orissa)

Name of the District/ City/Town	Sex/ Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultiva- tors	Agricul- tural labourers	Workers in house- hold industry	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Sambalpur (M)	Persons						
	1971	22,151	29.75	3.39	1.64	3.30	1.01
	1981	35,805	32.55	2.96	4.04	7.07	1.13
	Males						
	1971	20,425	49.78	3.39	1.47	3.21	1.03
	1981	30,384	52.14	3.33	3.46	4.19	1.02
	Females						
	1971	1,726	5.85	3.36	3.36	4.17	1.01
	1981	5,521	10.61	0.94	7.26	22.90	1.00
5. Padampur (N.A.C.)	Persons						
	1971	2,254	30.47	20.94	14.95	10.16	1.05
	1981	3,003	28.95	16.62	15.08	10.62	1.08
	Males						
	1971	1,974	52.39	22.69	16.11	9.67	1.07
	1981	2,635	49.41	17.31	15.64	8.80	1.05
	Females						
	1971	280	7.82	8.87	6.79	13.99	1.07
	1981	368	7.30	11.69	11.14	23.60	1.03
6. Barapali (N.A.C.)	Persons						
	1971	3,183	35.30	14.92	23.00	24.60	1.39
	1981	4,884	35.97	9.75	16.28	19.40	1.52
	Males						
	1971	2,523	54.42	17.88	17.12	23.70	1.50
	1981	3,614	52.50	12.48	12.15	12.70	1.07
	Females						
	1971	660	15.07	3.64	45.45	29.10	1.67
	1981	1,270	18.98	1.97	28.03	30.40	1.53
7. Baragarh (N.A.C.)	Persons						
	1971	6,898	30.17	7.60	10.96	5.40	1.70
	1981	10,225	28.92	5.16	10.12	3.40	1.26

## III. AREA AND POPULATION

Table No. 3-06—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Cities and Towns of the State of Orissa

Name of the District/ City/Town	Sex/ Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultiva- tors	Agricul- tural labourers	Workers in house- hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Males						
	1971	6,362	51.60	7.77	9.93	5.55	76.75
	1981	9,291	49.30	5.37	8.70	3.20	82.73
	Females						
	1971	536	5.09	5.60	23.13	8.02	63.25
	1981	934	5.66	3.00	24.30	6.10	66.60
8. Brajaraja- nagar (N.A.C.)	Persons						
	1971	11,009	34.60	4.32	2.30	0.95	92.43
	1981	15,225	28.27	2.32	3.48	2.00	92.20
	Males						
	1971	10,483	50.53	4.41	2.30	0.95	92.34
	1981	14,329	49.56	2.32	3.13	1.77	92.78
	Females						
	1971	526	3.70	2.47	2.28	0.95	94.30
	1981	8.96	3.59	2.23	9.04	5.69	83.04
9. Burla (N.A.C.)	Persons						
	1971	4,915	31.53	7.73	3.46	1.71	87.10
	1981	6,888	27.90	4.25	9.55	1.05	85.14
	Males						
	1971	4,268	47.12	8.66	3.54	1.39	86.41
	1981	6,001	44.06	4.60	8.58	0.92	85.90
	Females						
	1971	647	9.99	1.68	2.91	3.82	91.59
	1981	887	8.01	1.92	16.12	1.92	80.04
10. Hirakud (N.A.C.)	Persons						
	1971	4,898	32.57	7.70	7.57	2.63	82.10
	1981	6,267	28.92	5.81	9.03	1.44	83.72
	Males						
	1971	4,460	54.76	8.09	6.64	2.29	82.98
	1981	5,417	47.14	6.11	6.24	1.20	86.45
	Females						
	1971	438	6.37	3.65	17.08	6.15	73.12
	1981	850	8.35	3.88	26.83	2.94	66.35

## III. AREA AND POPULATION

Table No. 3'06—Contd.

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Cities and Towns of the State of Orissa

Name of the District/ City/Town	Sex/ Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers,	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>SUNDARGARH DISTRICT</b>							
1. Sundargarh (M)	Persons						
	1971	4,852	28.14	12.01	11.46	2.29	74.24
	1981	6,915	29.18	9.12	11.24	1.88	77.76
	Males						
	1971	4,391	48.58	12.66	11.39	2.44	73.51
	1981	5,976	48.61	9.08	10.16	1.86	78.90
	Females						
	1971	461	5.62	5.85	12.15	0.87	81.13
	1981	939	8.23	9.37	18.11	2.02	70.50
2. Rajgangapur (M)	Persons						
	1971	7,105	32.48	11.76	3.87	1.86	82.52
	1981	10,481	32.83	4.84	2.67	2.22	80.27
	Males						
	1971	6,745	55.31	12.31	3.60	1.89	82.20
	1981	9,378	54.30	4.67	2.31	2.09	90.93
	Females						
	1971	360	5.99	5.78	6.77	1.48	85.97
	1981	1,103	7.53	6.26	5.71	3.35	84.68
3. Birmittapur (M)	Persons						
	1971	9,342	33.29	8.56	1.79	1.76	87.89
	1981	8,566	27.54	5.14	2.05	1.17	91.64
	Males						
	1971	6,877	47.59	11.52	2.40	2.17	83.91
	1981	6,577	41.28	6.51	2.38	1.31	89.80
	Females						
	1971	2,465	18.11	0.32	0.08	0.61	98.99
	1981	1,989	13.11	0.60	0.96	0.70	97.74

## III. AREA AND POPULATION

Table No. 3·06—*Concl'd*

Distribution of main workers by sex and category according to 1971 and 1981 (Provisional) Census in the different Cities and Towns of the State of Orissa

Name of the District/City/Town	Sex/Year	Total main workers	Percentage of main workers to total population	Percentage of main workers as			
				Cultivators	Agricultural labourers	Workers in house-hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>Rourkela Steel</b>							
<b>4. Township (N. A. C.)</b>							
	Persons						
	1971	41,604	33·17	0·64	0·73	0·27	98·36
	1981	58,801	28·60	0·63	1·05	1·61	96·71
	Males						
	1971	38,372	53·76	0·76	0·72	0·27	98·34
	1981	53,504	46·91	0·63	1·04	1·67	96·65
	Females						
	1971	3,232	5·98	0·28	0·93	0·22	98·57
	1981	5,297	5·79	0·64	1·17	1·06	97·13
<b>5. Rourkela Civil township (N. A. C.)</b>							
	Persons						
	1971	16,246	34·51	1·39	1·37	1·45	95·79
	1981	31,544	32·87	0·79	0·61	1·08	97·52
	Males						
	1971	15,329	56·17	1·39	1·18	1·46	95·97
	1981	29,530	53·80	0·74	0·57	1·08	97·61
	Females						
	1971	917	4·64	1·31	4·58	1·32	92·80
	1981	2,014	4·90	1·44	1·24	1·19	96·13
<b>6. Jolada (C. T.)</b>							
	Persons						
	1971	..	..	..	..	—	..
	1981	3,122	25·83	2·37	3·08	0·38	94·17
	Males						
	1971	..	..	..	..	..	..
	1981	2,730	43·78	2·64	2·75	0·40	94·21
	Females						
	1971	..	..	..	..	..	—
	1981	392	6·70	0·51	5·36	0·25	93·88

N. B.—M—Municipality

N. A. C.—Notified Area Council

Source—Census Report

C. T.—Census Towns

## III. AREA AND POPULATION

Table No. 3-07

Number of main workers in Urban Areas by sex and category according to 1971 and 1981 (Provisional)  
Census in different districts of Orissa

Name of the districts	Sex/ Year	Total main workers	Percentage of main workers to total population	Cultiva- tors	Agricul- tural labourers	Workers in house- hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ORISSA	Persons						
	1971	561,820	30.44	43,433	38,007	23,284	457,096
	1981	935,001	30.11	66,349	75,694	35,906	757,052
	Males						
	1971	506,363	50.63	41,488	30,311	19,371	415,193
	1981	824,459	49.35	61,649	54,675	27,925	680,210
	Females						
	1971	55,457	6.56	1,945	7,696	3,913	41,903
	1981	110,542	7.70	4,700	21,090	7,981	76,842
Balasore	Persons						
	1971	28,435	28.40	7,246	5,791	884	14,514
	1981	51,984	27.96	8,772	8,199	1,479	33,534
	Males						
	1971	26,058	48.08	7,131	5,022	804	13,101
	1981	47,296	47.92	8,561	6,689	1,223	30,723
	Females						
	1971	2,337	5.07	115	769	80	1,413
	1981	4,688	5.37	211	1,510	256	2,711
Balangir	Persons						
	1971	24,928	28.74	2,967	1,799	1,692	18,470
	1981	38,616	29.04	3,611	4,814	2,578	27,613
	Males						
	1971	22,321	49.53	2,873	1,590	1,387	16,471
	1981	33,582	48.76	3,391	3,829	2,017	34,245
	Females						
	1971	2,607	6.27	94	209	305	1,999
	1981	5,034	7.85	220	985	561	3,268

## III. AREA AND POPULATION

Table No. 3-07—Contd.

Number of main workers in Urban Areas by sex and category according to 1971 and 1981 (Provisional)  
Census in different districts of Orissa

Name of the districts	Sex/ Year	Total main workers	Percentage of main workers to total population	Cultiva- tors	Agricul- tural labourers	Workers in house- hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Cuttack	Persons						
	1971	94,700	30.98	3,776	4,519	3,882	82,523
	1981	146,745	30.89	5,516	7,999	5,545	127,684
	Males						
	1971	89,147	51.69	3,710	3,877	3,539	78,021
	1981	135,514	51.00	5,337	6,437	4,870	118,870
	Females						
	1971	5,553	4.16	66	642	343	4,502
	1981	11,231	5.36	180	1,562	675	8,814
Dhenkanal	Persons						
	1971	14,698	28.36	1,967	1,149	1,017	10,575
	1981	10,744	32.94	3,261	3,053	1,082	33,248
	Males						
	1971	13,927	48.30	1,959	1,034	987	9,947
	1981	36,846	52.92	3,219	2,704	963	29,960
	Females						
	1971	771	3.35	8	115	30	618
	1981	3,898	7.21	42	449	119	3,288
Ganjam	Persons						
	1971	72,181	27.77	7,033	7,156	5,798	52,194
	1981	106,478	28.02	10,698	12,624	7,194	75,962
	Males						
	1971	61,128	45.99	6,442	4,542	4,494	45,650
	1981	88,980	45.74	9,474	7,269	5,304	66,933
	Females						
	1971	11,053	8.70	591	2,614	1,304	6,544
	1981	17,498	9.43	1,224	25,355	1,890	9,029

## III. AREA AND POPULATION

Table No. 3.07—Contd.

Number of main workers in Urban Areas by sex and category according to 1971 and 1981  
(Provisional) Census in different districts of Orissa

Name of the Districts	Sex/ year	Total main workers	Percentage of main workers to total population	Cultiva- tors	Agricul- tural labourers	Workers in house hold industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Kalahandi	persons						
	1971	17,105	30.24	2,474	2,083	469	12,079
	1981	24,188	29.96	2,702	4,339	551	16,526
	Males						
	1971	14,996	51.40	2,355	1,854	416	10,371
	1981	20,838	50.13	2,535	3,368	452	14,482
	Females						
	1971	2,109	7.70	119	229	53	1,708
	1981	3,281	8.43	167	971	99	2,044
Keonjhar	persons						
	1971	23,111	34.32	1,573	1,174	704	19,660
	1981	39,589	31.36	3,114	2,996	1,408	32,071
	Males						
	1971	19,330	52.80	1,524	1,007	606	16,193
	1982	33,528	49.63	2,959	2,262	1,246	27,061
	Females						
	1971	3,781	12.30	49	167	98	3,467
	1981	6,061	10.33	155	734	162	5,010
Koraput	persons						
	1971	50,649	30.28	8,132	4,548	1,752	36,217
	1981	90,056	32.15	10,374	8,145	2,765	68,772
	Males						
	1971	45,091	52.04	7,722	3,584	1,511	32,274
	1981	75,513	52.10	9,402	5,013	2,047	59,051



## III. AREA AND POPULATION

Table No. 3-07—Contd.

Number of main workers in Urban Areas by sex and category according to 1971 and 1981 (provisional) Census in different districts of Orissa

Name of the districts	Sex/ year	Total main workers	percentage of main workers to total population	Cultiva- tors	Agricul- tural labourers	Workers in house hold Industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Mayurbhang	Females						
	1971	5,558	6.90	410	964	241	3,943
	1981	14,543	10.76	972	3,132	718	9,721
	Persons						
	1971	10,881	27.23	965	591	433	8,892
	1981	27,319	30.18	2,119	3,365	1,145	20,690
	Males						
	1971	9,885	45.51	904	438	365	8,178
	1981	23,266	47.54	1,796	2,064	916	18,490
	Females						
Phulbani	1971	996	5.46	61	153	68	71
	1981	4,053	9.75	323	1,301	229	2,200
	Persons						
	1971	6,569	33.57	816	596	860	4,297
	1981	11,191	30.15	1,018	1,008	768	8,397
	Males						
	1971	5,503	52.45	758	357	513	3,875
	1981	9,601	48.45	923	618	551	7,509
	Females						
	1971	1,066	11.74	58	239	347	422
	1981	1,590	9.19	95	390	217	888
Puri	Persons						
	1971	69,604	30.37	2,614	3,828	1,702	61,46
	1981	127,415	29.48	5,987	7,115	3,680	110,633

## III. AREA AND POPULATION

Table No. 3·07—*Concl'd.*

Number of main workers in Urban Areas by sex and category according to 1971 and 1981  
(Provisional) Census in different districts of Orissa

Name of the districts	Sex/Year	Total main workers	Percentage of main workers to total population	Cultivators	Agricultural labourers	Workers in household industry	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Sambalpur	Males						
	1971	64,462	50·29	2,567	3,240	1,458	57,170
	1981	115,569	48·64	5,852	5,577	3,142	100,998
	Females						
	1971	5,142	5·09	47	588	217	4,290
	1981	11,846	6·09	135	1,538	538	9,635
	Persons						
	1971	69,810	31·47	5,532	4,996	3,515	55,767
	1981	109,335	30·96	6,883	9,727	5,905	86,820
	Males						
	1971	63,047	52·56	5,234	4,107	2,724	50,982
	1981	94,375	50·21	6,142	7,009	3,542	77,682
Sundargarh	Females						
	1971	6,763	6·64	298	889	791	4,785
	1981	14,960	9·06	741	2,718	2,263	9,138
	Persons						
	1971	79,149	33·02	2,710	1,526	753	74,160
	1981	121,411	29·75	2,293	2,210	1,806	115,102
	Males						
	1971	71,468	53·37	2,619	1,355	706	66,788
	1981	109,552	48·73	2,058	3,836	1,652	104,006
	Females						
	1971	7,681	7·26	91	171	47	7,372
	1981	11,859	6·47	235	374	154	11,096

## III. AREA AND POPULATION

Total No. 3'08

Total Population, Scheduled Caste and Scheduled Tribe Population in the State of Orissa

Year/District	Total Population	Scheduled Caste Population		Total	Percentage to total population
		Rural	Urban		
(1)	(2)	(3)	(4)	(5)	(6)
1971	21,944,615	3,103,244	207,610	3,310,854	15.09
1981 (Final)	26,370,271	3,502,195	363,348	3,865,543	14.66
1971					
Balasore	1,830,504	331,141	7,661	338,802	18.51
Balangir	1,263,657	197,488	10,942	208,430	16.49
Cuttack	3,827,678	658,863	32,317	691,180	18.06
Dhenkanal	1,293,914	210,116	6,771	216,887	16.76
Ganjam	2,293,808	331,058	34,226	365,284	15.92
Kalahandi	1,163,869	189,920	9,234	199,151	17.11
Keonjhar	955,514	99,023	8,761	107,784	11.28
Koraput	2,043,281	253,088	21,027	274,115	13.42
Mayurbhanj	1,434,200	99,442	4,271	103,713	7.23
Phulbani	621,675	114,278	3,709	115,987	18.98
Puri	2,340,859	297,271	19,560	316,831	13.53
Sambalpur	1,844,898	257,545	30,453	287,998	15.61
Sundargarh	1,030,758	64,011	18,681	82,692	8.02
1981					
Balasore	2,252,808	386,927	17,270	401,197	17.95
Balangir	1,459,113	210,981	17,279	228,260	15.65
Cuttack	4,628,800	767,929	49,944	817,873	17.67
Dhenkanal	1,582,787	235,101	15,453	250,554	15.83
Ganjam	2,669,899	354,935	46,181	401,116	15.03
Kalahandi	1,339,192	198,852	12,217	211,069	16.76
Keonjhar	1,114,622	106,440	17,839	124,379	11.16
Koraput	2,484,005	306,716	42,591	349,307	14.07
Mayurbhanj	1,581,873	94,375	9,682	104,057	6.58
Phulbani	717,280	126,520	6,551	133,071	18.56
Puri	2,921,045	341,045	36,501	377,546	12.93
Sambalpur	2,280,976	294,795	55,283	350,078	15.35
Sundargarh	1,337,871	77,479	36,557	114,036	8.53

## III. AREA AND POPULATION

Table No. 3·08

Total Population, Schedule Caste and Schedule Tribe Population in the State of Orissa

Year/District	Scheduled Tribe Population				Percentage of S. C. and S.T. population to total population
	Rural	Urban	Total	Percentage to total population	
(1)	(7)	(8)	(9)	(10)	(11)
1971	..	4,924,582	147,355	5,071,937	23·11
1981 ( Final )	..	5,642,376	272,691	5,915,067	22·43
1971					
Balasore	..	123,641	55,51	129,192	7·06
Balangir	..	244,833	4,298	249,131	19·72
Cuttack	..	106,926	3,820	110,746	2·89
Dhenkanal	..	166,236	762	166,998	12·91
Ganjam	..	227,888	1,057	228,945	9·98
Kalahandi	..	336,239	4,302	340,541	29·26
Keonjhar	..	428,081	20,594	1,151,231	46·96
Koraput	..	1,123,181	28,050	1,151,231	56·34
Mayurbhanj	..	836,212	3,623	839,835	58·56
Phulbani	..	249,072	1,533	250,605	40·31
Puri	..	83,940	2,651	86,591	3·70
Sambalpur	..	493,159	25,887	519,046	28·13
Sundargarh	..	505,174	45,227	550,401	53·40
1981					
Balasore	..	144,506	9,647	154,153	6·85
Balangir	..	273,832	6,549	280,381	19·22
Cuttack	..	135,304	9,304	144,708	3·13
Dhenkanal	..	186,104	7,956	194,060	12·26
Ganjam	..	250,775	2,259	253,034	9·48
Kalahandi	..	412,407	6,464	418,871	31·28
Keonjhar	..	465,674	33,893	491,567	44·82
Koraput	..	1,327,446	44,104	1,371,550	55·22
Mayurbhanj	..	895,462	16,858	912,320	57·68
Phulbani	..	275,649	3,627	279,276	38·94
Puri	..	92,167	8,660	100,827	3·46
Sambalpur	..	576,312	44,243	620,555	27·21
Sundargarh	..	606,638	79,127	685,765	51·26

Source—Census Report

## IV. EDUCATION

Education in the words of Mahatma Gandhi is the all round developments of an individual in Physical, mental, spiritual and intellectual fields to equip himself for all changing situation of society. For a modern developing society education appears to be a crucial variable to assess the growth and development of a society in economic, social and technological outsets. It is the guiding mirror in which the civilisation of a nation is reflected in the right direction. So, education for children, education for adults and education for women are now the present guidelines of our Government to achieve this target in right earnest. During post-independence era intensive measures were taken for spread of education in the State.

This chapter contains seven statistical tables presenting data on number of educational institutions for the years 1971-72 to 1980-81, number of teachers and students there in, for the years 1971-72 to 1979-80 in Orissa with districtwise break up, for last year, and literacy rate according to 1981 Census in cities towns and tahasils in the State. The progress made in the field of education within the last decade outlined below.

*Number of Educational Institutions*—There were 189 colleges for general education during the year 1980-81 as against 138 during 1979-80 and 107 during 1978-79, out of which 172 colleges were exclusively meant for men and 17 for women. There were 7 colleges for teachers training, 1 for Physical Education, 2 for handicraft training.

As regards school education, there were 68 secondary training schools, 2,424 high schools 7,313 middle schools, and 32,603 primary schools in the State of Orissa during 1980-81 as against 2,167 High Schools, 6,507 Middle Schools, and 32,103 Primary Schools during 1978-79. This indicates the rapid increase of new educational institutions in Orissa. A glance at the districtwise analysis leads one to find that Cuttack topped the list among all the districts having largest number of educational institutions followed by Balasore, with 41 colleges for general education, 594 High Schools, 1,510 Middle Schools, 4,876 Primary Schools.

*Number of Teachers*—There were 58,368 trained teachers and 12,734 untrained teachers at primary school stage during 1979-80 as against 57,694 and 18,725 respectively during 1978-79. Out of 58,368 trained teachers, 53,757 are men and 4,611 are women and out of 12,734 untrained teachers 10,113 are men and 2,621 are women. So there were about 2 teachers per Primary School by the end of 1979-80.

At the Middle school stage, there were 15,646 trained and 12,568 untrained teachers in the State during 1979-80. Out of trained teachers 13,330 are men and 2,316 are women and out of 12,568 untrained teachers 12,051 are men and 517 are women. There were about 4 teachers per Middle School by the end of 1979-80.

At the High School stage, there were 12,389 trained male teachers and 2,342 female trained teachers during 1979-80 as against 12,059 male trained teachers and 2,300 trained female teachers during 1978-79. Similarly there were 547 male untrained teachers and 106 female untrained teachers during this year as against 6,139 and 659 respectively during the previous year.

At College level, there were 3,996 male teachers and 714 female teachers during 1979-80 as against 3,712 and 724 respectively during 1978-79 for general colleges. There were about 24 teachers per college for general education by the end of the year, 1979-80

*Number of Students enrolled*—Number of students enrolled in the Primary Schools during 1979-80 were 23.5 lakhs in the State as against 19.27 lakhs in the year 1971-72. Out of this the number of boys are 14.56 lakhs and girls are 8.9 lakhs. There were 6.1 lakhs students in the middle schools and 4.92 lakhs in High Schools during the year 1979-80.

The teacher pupil ratio in primary and middle school stages were 1:30 and 1:21. There were nearly 39.3 thousand students in Intermediate of Arts, 17.3 thousand in Intermediate of Science, 6.5 thousand in Intermediate of Commerce, 24.6 thousand in Bachelor of Arts, 6.9 thousand in Bachelor of Science and 4.7 thousand in Bachelor of Commerce respectively during the year 1980-81. Out of these girl students are 8.8 thousand, 2.3 thousand, 52.54 thousand, 1.1 thousand and 49 respectively.

*Educational Programme for tribal areas*—Orissa is one of the nine States identified as educationally backward. The backwardness is primarily due to the large size of Scheduled Tribes and Scheduled Castes which constitute 37 of the State's population. About 68 per cent of the Tribals Population are concentrated in 119 community Development Blocks spread over nine districts of Koraput, Phulbani, Kalahandi, Mayurbhanj, Keonjhar, Sundargarh, Bolangir, Sambalpur and Dhenkanal. Recognising the importance of elementary education, the State Government has initiated a series of measures to tackle the difficult problem of not only attracting children in the tribal and backward regions to schools but also stop drop-outs in the face of the hostile factors operating against both.

*Programme for construction of Schools Building*—The important need for universalisation of enrolment and retention is the availability of schools buildings where classes can be held regularly. The Government has decided to go in for a modest and less ambitious school building supplementing the Education Department's budget with funds available under NREP. Earlier, the local community had to pay 50% of the cost for constructing a school building. This system was not very encouraging. Now school buildings are constructed with the help of NREP funds. The responsibility of constructing school building has been given to a school committee comprising a teacher as its Secretary and parent guardians and local leaders as members. Under a Social Programme to be started with 'Danish' help a small teacher quarter will be attached to a school building in tribal blocks so that the teacher can stay in the village itself. This is essential for universal enrolment and retention.

*Setting up new Educational Institutions*—Education has been given due emphasis. A new Sanskrit University, the second of its kind in the country, has been set up at Puri. Two new engineering colleges and three new polytechnics have been added. A new Agriculture College, a Fishery College, an institute for textile technology, two new I. T. Is. in the backward districts of Phulbani and Balangir and an institute for hotel management have been set up. An institute of business management is likely to come up soon. Education has been made free up to middle school level. A new scheme for putting up at least one residential primary school in each of the 1,200 predominantly tribal grama panchayats has been put into operation to curb the high drop-out rate and to improve education among the tribals.

*Literacy*—According to the criteria laid down at the 1981 census as well as earlier census a person is considered as literate if he or she is able to read and write in any language with understanding. A person who can merely read can not write with understanding is not considered as a literate. All children of age-group 0-4 are treated as illiterate even if any child in this age-group is going to school and may have picked up reading and writing some odd words. According to 1981 census the percentage of literacy in the State is 46.90 for male 21.11 for female and 34.12 in average as against 38.29, 13.92 and 26.18 respectively in 1971. Among the districts, Puri has the highest literacy rate having 45.71 per cent followed by Cuttack with 45.33 per cent and Balasore with 41.84 per cent. The lowest rate is observed in Koraput district (15.83 percent).

Among the six cities in Orissa, Bhubaneswar has recorded the highest literacy rate of 66.97 per cent as against Sambalpur having the lowest rate of 53.46 per cent. The literacy rate of males and females in Bhubaneswar is 74.42 per cent and 57.14 per cent respectively.



## IV. EDUCATION

Table No. 4 01

Number of Educational Institutions in Orissa

Year/District	Colleges for General Education			Colleges for Teachers' Training	Colleges for Physical Education	Colleges for Hindi Training	Secondary Training Schools (C. T.)
	Men	Women	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1971-72	75	8	83	6	1	2	33
1972-73	76	8	84	6	1	2	45
1973-74	76	8	84	6	1	2	98
1974-75	77	9	86	6	1	2	98
1975-76	81	10	91	6	1	2	76
1976-77	82	10	92	6	1	2	76
1977-78	82	10	92	7	1	2	63
1978-79	97	10	107	7	1	2	68
1979-80	129	9	138	7	1	2	68
1980-81	172	17	189	7	1	2	68
1979-80							
Balasore	14	1	15	1	..	..	7
Balangir	5	1	6	1	..	..	4
Cuttack	33	1	34	1	1	1	14
Dhenkanal	9	1	10	1	..	..	3
Ganjam	9	1	10	1	..	..	7
Kalahandi	3	..	3	..	..	..	3
Keonjhar	4	..	4	..	..	..	3
Koraput	5	..	5	..	..	..	5
Mayurbhanj	7	1	8	..	..	..	3
Phulbani	2	..	2	..	..	..	3
Puri	20	1	21	1	..	1	8
Sambalpur	12	1	13	1	..	..	4
Sundargarh	6	1	7	..	..	..	4
1980-81							
Balasore	21	2	23	1	..	..	7
Balangir	6	1	7	1	..	..	4
Cuttack	40	1	41	1	1	1	14
Dhenkanal	11	1	12	1	..	..	3
Ganjam	16	2	18	1	..	..	7
Kalahandi	5	..	5	..	..	..	3
Keonjhar	4	1	5	..	..	..	3
Koraput	7	1	8	..	..	..	5
Mayurbhanj	10	1	11	..	..	..	3
Phulbani	3	..	3	..	..	..	3
Puri	24	3	27	1	..	1	8
Sambalpur	17	2	19	1	..	..	4
Sundargarh	8	2	10	..	..	..	4

## IV. EDUCATION

Table No. 4-01

Number of Educational Institutions in Orissa

Year/District	Number of Schools for General Education at			Total number of Schools and Colleges
	Secondary School stage	Middle School stage	Primary School stage	
(1)	(9)	(10)	(11)	(12)
1971-72 ..	1,670	4,128	27,855	33,778
1972-73 ..	1,713	4,760	30,784	37,425
1973-74 ..	1,858	4,642	31,822	38,513
1974-75 ..	1,867	5,392	31,572	39,024
1975-76 ..	1,920	6,267	31,703	40,066
1976-77 ..	1,971	6,383	31,687	40,218
1977-78 ..	2,121	6,385	33,163	41,834
1978-79 ..	2,167	6,507	32,103	40,962
1979-80 ..	2,260	7,007	32,103	40,365
1980-81 ..	2,424	7,313	32,603	42,607
1979-80				
Balasore ..	298	865	2,291	3,477
Balangir ..	92	356	2,299	2,758
Cuttack ..	573	1,501	4,806	6,931
Dhenkanal ..	111	444	1,815	2,384
Ganjam ..	166	484	3,075	3,743
Kalahandi ..	71	245	1,879	2,201
Keonjhar ..	121	361	1,393	1,875
Koraput ..	87	353	4,017	4,467
Mayurbhanj ..	163	529	2,214	2,917
Phulbani ..	41	191	1,648	1,885
Puri ..	253	728	2,549	3,561
Sambalpur ..	162	595	2,614	3,389
Sundargarh ..	122	355	1,503	1,991
1980-81				
Balasore ..	315	869	2,359	3,574
Balangir ..	105	398	2,261	2,776
Cuttack ..	594	1,510	4,876	7,038
Dhenkanal ..	123	465	1,852	2,456
Ganjam ..	184	517	3,062	3,789
Kalahandi ..	72	262	1,892	2,234
Keonjhar ..	136	375	1,447	1,966
Koraput ..	93	412	4,134	4,652
Mayurbhanj ..	173	545	2,282	3,014
Phulbani ..	42	197	1,650	1,895
Puri ..	275	744	2,606	3,661
Sambalpur ..	186	636	2,623	3,469
Sundargarh ..	124	363	1,559	3,060



## IV. EDUCATION

Table No. 402

Number of Teachers in Educational Institutions

Year/District	Number of Teachers at					
	Colleges for General Education			Colleges for Professional Education		
	Men	Women	Total	Men	Women	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971-72 ..	2,205	291	2,496	298	26	324
1972-73 ..	2,428	389	2,817	293	32	325
1973-74 ..	2,613	484	3,097	1,161	107	1,268
1974-75 ..	2,802	506	3,308	1,745	247	1,992
1975-76 ..	3,008	495	3,503	867	92	959
1976-77 ..	3,055	568	3,623	966	126	1,092
1977-78 ..	3,174	597	3,771	1,017	118	1,135
1978-79 ..	3,712	724	4,436	1,028	114	1,142
1979-80 ..	3,996	714	4,710	..	..	..
1978-79						
Balasore ..	345	48	393	11	..	11
Balangir ..	156	28	184	14	2	16
Cuttack ..	831	164	995	256	41	207
Dhenkanal ..	179	28	207	..	..	..
Ganjam ..	437	67	504	148	32	180
Kalahandi ..	49	3	52	..	..	..
Keonjhar ..	104	32	136	..	..	..
Koraput ..	145	13	158	..	..	..
Mayurbhanj ..	193	40	233	..	..	..
Phulbani ..	35	3	38	..	..	..
Puri ..	629	174	803	300	13	313
Sambalpur ..	471	71	542	192	24	216
Sundargarh ..	138	53	191	107	2	109

## IV. EDUCATION

Table No. 4·02—Contd.

## Number of Teachers in Educational Institutions

Year/District	Number of Teachers at Secondary School Stage					
	Trained			Un-trained		
	Men	Women	Total	Men	Women	Total
(1)	(8)	(9)	(10)	(11)	(12)	(13)
1971-72 ..	8,641	1,579	10,220	6,790	777	7,567
1972-73 ..	9,031	1,755	10,786	6,824	753	7,577
1973-74 ..	10,129	2,198	12,327	7,822	455	8,277
1974-75 ..	9,940	1,891	11,831	6,559	696	7,255
1975-76 ..	10,353	2,237	12,590	7,782	520	8,302
1976-77 ..	11,278	2,272	13,550	6,923	765	7,688
1977-78 ..	11,901	2,027	13,928	6,143	599	6,742
1978-79 ..	12,059	2,300	14,359	6,139	659	6,798
1979-80 ..	12,389	2,342	14,731	547	106	653
1978-79						
Balasore ..	1,418	182	1,600	893	47	940
Bolangir ..	443	75	518	227	11	238
Cuttack ..	3,088	535	3,623	1,626	158	1,784
Dhenkanal ..	629	107	736	341	13	354
Ganjam ..	1,137	229	1,366	467	55	522
Kalahandi ..	311	43	354	207	5	212
Keonjhar ..	465	92	557	303	19	322
Koraput ..	525	98	623	185	19	204
Mayurbhanj ..	785	155	940	510	56	566
phulbani ..	206	44	250	86	10	96
Puri ..	1,650	372	2,022	574	88	662
Sambalpur ..	809	182	991	409	66	475
Sundargarh ..	593	186	779	311	112	423

## IV. EDUCATION

Table No. 4·02—(Contd.)

## Number of Teachers in Educational Institutions

Year/District (1)	Number of Teachers at Middle School Stage					
	Trained			Un-trained		
	Men (14)	Women (15)	Total (16)	Men (17)	Women (18)	Total (19)
1971-72 ..	4,322	364	4,686	10,085	158	10,243
1972-73 ..	4,296	304	4,600	11,047	238	11,285
1973-74 ..	9,860	631	10,491	6,971	232	7,203
1974-75 ...	9,593	345	9,938	5,945	311	6,256
1975-76 ..	11,110	742	11,852	9,112	391	10,003
1976-77 ..	11,160	986	12,146	9,813	708	10,521
1977-78 ..	10,223	1,300	11,523	9,551	334	9,885
1978-79 ...	10,454	1,633	12,097	9,605	474	10,079
1979-80 ..	13,330	2,316	15,646	12,051	517	12,568
1978-79						
Balasore ..	1,312	172	1,484	1,164	38	1,202
Bolangir ..	501	62	563	447	10	457
Cuttack ..	1,977	398	2,375	2,508	105	2,613
Dhenkanal ..	590	84	674	703	15	718
Ganjam ..	1,025	115	1,140	435	15	450
Kalahandi ..	358	24	382	306	1	307
Keonjhar —	505	42	547	485	27	512
Koraput ..	522	75	597	350	45	395
Mayurbhanj ..	663	74	737	789	26	815
Phulbani ..	289	19	308	182	8	190
Puri ..	1,218	224	1,442	974	59	1,033
Sambalpur ..	798	139	947	778	39	817
Sundargarh ..	696	205	901	484	86	570

## IV. EDUCATION

Table No. 4·02—(Concl'd.)

## Number of Teachers in Educational Institutions

Year/District		Number of Teachers at Primary School Stage					Total
		Trained			Un-trained		
		Men	Women		Men	Women	
(1)		(20)	(21)	(22)	(23)	(24)	(25)
1971-72	..	41,352	2,285	43,637	18,579	934	19,513
1972-73	..	44,703	2,350	47,053	18,260	1,322	19,582
1973-74	..	49,487	2,853	52,340	16,025	1,359	17,384
1974-75	..	48,337	2,768	51,105	1,598	1,231	16,329
1975-76	..	50,942	2,892	53,840	17,059	2,315	19,474
1976-77	..	49,096	3,952	53,048	18,469	1,211	19,680
1977-78	—	54,421	4,321	58,742	15,419	1,739	17,158
1978-79	—	52,951	4,743	57,694	16,586	2,139	18,725
1979-80	..	53,757	4,611	58,368	10,113	2,621	12,734
1978-79							
Balasore	..	5,068	349	5,417	443	52	495
Bolangir	..	2,591	114	2,705	1,955	95	2,050
Cuttack	..	9,630	1,021	10,651	1,794	320	2,114
Dhenkanal	..	4,148	319	4,467	288	61	349
Ganjam	..	5,989	469	6,458	919	193	1,112
Kalahandi	..	2,014	61	2,075	1,702	88	1,790
Keonjhar	..	2,703	112	2,815	487	74	561
Koraput	..	2,659	185	2,844	3,510	407	3,917
Mayurbhanj	..	3,673	465	4,138	939	103	1,042
Phulbani	..	1,951	117	2,068	1,021	140	1,161
Puri	..	6,327	757	7,084	386	124	510
Sambalpur	..	4,144	346	4,490	1,800	184	1,984
Sundargarh	..	2,054	428	2,482	1,342	298	1,640

Source—D. P. I., Orissa

## IV. EDUCATION

Table No. 403

Number of Scholars in school stage in Orissa

Year/District	Primary School Stage		
	Boys	Girls	Total
(1)	(2)	(3)	(4)
1971-72	1,252,933	680,662	1,933,595
1972-73	1,351,776	747,520	2,099,296
1973-74	1,433,299	898,797	2,242,096
1974-75	1,536,214	981,734	2,517,948
1975-76	1,566,017	900,794	2,466,811
1976-77	1,601,768	920,167	2,522,635
1977-78	1,656,350	952,089	2,608,439
1978-79	1,611,396	1,000,602	2,611,998
1979-80	1,456,365	897,956	2,354,321
1979-80			
Balasore	143,497	96,639	240,136
Balangir	84,200	45,085	129,285
Cuttack	257,516	195,145	452,661
Dhenkanal	75,628	50,135	125,763
Ganjam	148,066	76,387	224,453
Kalahandi	71,659	30,855	102,514
Keonjhar	62,797	35,380	98,177
Koraput	138,168	17,344	205,512
Mayurbhanj	94,564	50,808	145,372
Phulbani	44,251	24,604	68,855
Puri	153,549	108,594	262,143
Sambalpur	119,346	78,306	197,652
Sundargarh	63,124	38,674	101,798

## IV. EDUCATION

Table No. 403

Number of Scholars in School Stage in Orissa

Year/District	Secondary School Stage			Middle School Stage		
	Boys	Girls	Total	Boys	Girls	Total
(1)	(5)	(6)	(7)	(8)	(9)	(10)
1971-72 ..	244,798	66,201	310,999	180,602	63,342	243,944
1972-73 ..	167,034	41,376	208,410	226,417	82,465	308,882
1973-74 ..	160,766	41,415	202,181	255,949	96,682	352,631
1974-75 ..	166,282	45,760	212,042	271,208	105,291	376,499
1975-76 ..	170,838	47,454	218,292	287,703	113,085	400,788
1976-77 ..	178,178	50,534	228,712	305,382	124,275	429,657
1977-78 ..	185,521	59,426	244,947	323,433	136,300	459,733
1978-79 ..	195,592	68,492	264,084	347,158	153,888	501,146
1979-80 ..	348,928	143,093	492,021	4,070,068	203,058	610,026
1979-80						
Balasore ..	34,392	14,586	49,878	45,666	24,776	70,442
Bolangir ..	12,668	3,713	16,381	20,134	7,740	27,874
Cuttack ..	88,835	40,082	128,917	85,511	50,737	136,248
Dhenkanal ..	16,913	6,411	23,324	22,836	12,058	34,894
Ganjam ..	37,101	12,556	49,657	36,213	14,594	50,807
Kalahandi ..	11,238	2,076	13,314	15,233	4,446	19,679
Keonjhar ..	13,950	4,526	18,476	14,917	7,135	22,052
Koraput ..	12,301	5,471	17,772	13,762	5,977	19,739
Mayurbhanj ..	20,679	7,356	28,035	24,634	7,907	32,541
Phulbani ..	5,934	1,940	7,874	9,165	2,962	12,127
Puri ..	46,359	21,776	68,135	52,396	30,035	82,431
Sambalpur ..	25,801	10,908	36,709	33,554	15,338	48,892
Sundargarh ..	22,757	11,692	34,449	33,047	19,353	52,400

SOURCE—D. P. I., Orissa

## IV. EDUCATION

Table No. 404

Number of Scholars in College Stage in Orissa

Year/District	I. A.			I. Sc.		
	Boys	Girls	Total	Boys	Girls	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971-72 ..	13,934	2,510	16,444	8,511	1,063	9,574
1972-73 ..	14,704	2,600	17,304	8,753	1,104	9,857
1973-74 ..	19,955	3,836	23,791	11,213	1,513	12,726
1974-75 ..	20,908	3,908	24,816	11,917	1,240	13,257
1975-76 ..	21,831	5,012	26,843	12,048	1,563	13,611
1976-77 ..	21,871	5,933	27,804	12,102	1,571	13,673
1977-78 ..	21,211	6,328	27,539	12,358	1,865	14,223
1978-79 ..	24,522	7,638	32,160	13,598	2,095	15,693
1979-80 ..	29,220	9,637	38,857	14,672	2,145	16,817
1980-81 ..	30,450	8,840	39,290	14,926	2,332	17,258
<b>1979-80</b>						
Balasore ..	3,865	830	4,695	1,410	124	1,534
Bolangir ..	990	297	1,287	597	40	637
Cuttack ..	8,065	2,168	10,233	3,686	488	4,174
Dhenkanal ..	1,520	559	2,079	596	68	664
Ganjam ..	2,621	1,226	3,847	1,616	212	1,828
Kalahandi ..	562	122	684	202	12	214
Keonjhar ..	1,006	202	1,208	545	45	590
Koraput ..	547	293	840	467	73	540
Mayurbhanj ..	1,491	505	1,996	956	88	1,044
Phulbani ..	211	76	287	139	21	160
Puri ..	4,601	1,886	6,487	2,384	528	2,912
Sambalpur ..	2,378	764	3,142	1,498	215	1,713
Sundargarh ..	1,363	709	2,072	576	231	807

## IV. EDUCATION

Table No. 4-04—Contd.

No. of Scholars in College Stage in Orissa

Year/District	I. Com.			B. A.		
	Boys	Girls	Total	Boys	Girls	Total
(1)	(8)	(9)	(10)	(11)	(12)	(13)
1971-72	810	11	821	6,738	951	7,689
1972-73	1,348	2	1,350	8,830	1,624	10,454
1973-74	1,860	3	1,863	9,492	1,998	11,490
1974-75	2,340	6	2,346	12,060	2,188	14,248
1975-76	N. A.	N. A.	2,754	N. A.	N. A.	18,116
1976-77	3,141	13	3,154	15,762	3,585	19,347
1977-78	3,617	18	3,635	16,184	4,043	20,227
1978-79	4,621	21	4,642	16,918	4,526	21,444
1979-80	5,709	51	5,760	18,854	5,430	24,284
1980-81	6,419	52	6,471	19,311	5,309	24,620
<b>1979-80</b>						
Balasore	501	6	507	2,338	431	2,769
Bolangir	183	..	183	537	168	705
Cuttack	1,377	6	1,383	4,847	1,392	6,239
Dhenkanal	309	1	310	881	231	1,112
Ganjam	565	1	566	1,886	661	2,547
Kalahandi	100	..	100	303	38	341
Keonjhar	256	5	261	520	74	594
Koraput	186	3	189	304	158	462
Mayurbhanj	204	4	208	1,202	259	1,461
Phulbani	29	4	33	129	28	157
Puri	1,137	11	1,148	3,639	1,201	4,840
Sambalpur	677	3	680	1,416	397	1,813
Sundargarh	185	7	192	852	392	1,244



## IV. EDUCATION

Table No. 404—Concl'd.

No. of Scholars in College Stage in Orissa

Year/District	B. Sc.			B. Com.		
	Boys	Girls	Total	Boys	Girls	Total
(1)	(14)	(15)	(16)	(17)	(18)	(19)
1971-72 ..	3,057	445	3,502	780	1	781
1972-73 ..	3,621	584	4,205	1,388	11	1,399
1973-74 ..	3,682	674	4,356	1,719	3	1,722
1974-75 ..	4,420	704	5,126	2,037	5	2,042
1975-76 ..	N. A.	N. A.	6,791	N. A.	N. A.	2,585
1976-77 ..	5,662	1,122	6,784	2,825	24	2,849
1977-78 ..	4,884	917	5,801	3,451	23	3,474
1978-79 ..	5,414	1,095	6,509	3,999	38	4,037
1979-80 ..	5,598	1,113	6,771	4,636	48	4,684
1980-81 ..	5,798	1,130	6,928	4,655	49	4,704
1979-80						
Balasore ..	534	61	595	601	11	612
Bolangir ..	190	23	213	149	..	149
Cuttack ..	1,562	402	1,964	1,171	9	1,180
Dhenkanal ..	250	26	276	305	2	307
Ganjam ..	591	72	663	553	3	556
Kalahandi ..	59	6	65	..	—	..
Keonjhar ..	206	8	214	174	3	177
Koraput ..	155	35	190	154	1	155
Mayurbhanj ..	267	23	290	205	4	209
Phulbani ..	52	1	53	17	2	19
Puri ..	882	217	1,099	661	6	667
Sambalpur ...	560	93	653	565	4	569
Sundargarh ..	290	146	436	81	3	84

SOURCE—D. P. I., Orissa

## IV. EDUCATION

Table No. 4-05

Percentage of literacy by sex according to 1981 Census (Provisional) in different Towns of Orissa

Name of the District/Town	Percentage of literacy			Total population (Thousands)	
	Persons	Males	Females		
(1)	(2)	(3)	(4)	(5)	
<hr/>					
BALASORE DISTRICT	..	49.12	59.90	36.92	186
1. Jaleswar	..	48.60	59.34	36.62	13
2. Balasore	..	55.55	64.40	45.35	66
3. Soro	.	43.81	56.55	30.33	19
4. Bhadrak	..	47.04	57.58	34.91	61
5. Basudevpur	..	38.84	54.46	21.82	20
6. Chandabali	..	51.09	62.28	38.40	8
BOLANGIR DISTRICT	..	48.91	61.65	35.32	133
1. Patnagarh	..	44.05	57.67	29.73	14
2. Kantabanjhi	..	47.19	59.35	34.01	1
3. Titilagarh	..	47.91	59.99	34.61	20
4. Bolangir	..	53.38	64.52	41.30	55
5. Binika	..	35.60	51.52	19.13	11
6. Sonapur	..	51.87	68.14	34.39	10
7. Tarbha	..	50.52	65.64	35.40	7
CUTTACK DISTRICT	..	60.53	69.40	49.28	475
1. Jajpur Road	..	56.30	66.38	42.13	16
2. Jajpur	..	56.43	66.88	44.46	22
3. Kendrapara	..	57.11	67.91	44.99	28
4. Paradeep	..	52.69	63.64	32.91	33
5. Jagatsinghpur	..	54.54	65.63	42.45	21
6. Choudwar	..	51.66	72.25	47.00	32
7. Athgarh	..	57.18	67.71	45.66	11
8. Banki	..	58.09	72.05	42.22	13

## IV. EDUCATION

Table No. 4-05

Percentage of literacy by sex according to 1981 Census (Provisional) in different Towns of Orissa—Contd.

Name of the District/Town	Percentage of literacy			Total population (Thousands)	
	Persons	Males	Females		
(1)	(2)	(3)	(4)	(5)	
<hr/>					
DHENKANAL DISTRICT	..	57.26	68.13	43.26	124
1. Talcher	..	52.69	64.55	38.38	16
2. Talcher Thermal Power Township (C. T.)	..	70.94	78.51	60.18	5
3. Dera Colliery Township (C. T.)	..	61.68	72.95	46.34	4
4. Fertilizer Corporation of India Township (C. T.).	..	72.66	77.74	65.44	5
5. Rengali Dam Project Township (C. T.)	..	47.82	60.30	27.33	13
6. Angul	..	69.17	77.76	56.65	18
7. Bhubana	..	42.72	56.28	28.32	16
8. Kamakshyanagar	..	56.62	70.31	40.33	10
9. Dhenkanal	..	58.29	68.04	46.35	36
GANJAM DISTRICT	..	51.59	63.22	39.61	380*
1. Bhanjanagar	..	59.43	70.83	47.27	16
2. Belaguntha	..	47.04	61.52	33.23	8
3. Buguda	..	41.62	48.56	34.84	9
4. Suruda	..	49.71	62.24	37.18	11
5. Asika	..	56.78	66.82	46.09	16
6. Digapahandi	..	41.32	51.81	30.68	8
7. Kashinagar	..	25.59	35.19	16.29	9
8. Paralakhemundi	..	53.12	64.35	41.69	32
9. Chikiti	..	45.29	59.18	31.02	8
10. Gopalpur	..	34.74	43.98	25.16	5
11. Hinjili	..	45.76	60.86	29.97	14
12. Chhatrapur	..	46.06	74.94	52.38	14
13. Ganjam	..	53.42	68.64	37.03	8
14. Rambha	..	38.80	55.56	22.15	8
15. Khalikote	..	53.32	68.58	36.85	8
16. Purusottampur	..	38.93	52.33	25.07	11
17. Kavisuryanagar	..	45.02	58.54	31.22	12
18. Polasara	..	36.03	49.93	22.13	13
19. Kojala	..	34.97	50.85	19.62	9

## IV. EDUCATION

Table No. 405

Percentage of literacy by sex according to 1981 Census (Provisional) in different Towns of Orissa—*Contd.*

Name of the District/ Town	Percentage of literacy			Total population (Thousand)
	Persons	Males	Females	
(1)	(2)	(3)	(4)	(5)
<b>KALAHANDI DISTRICT</b>	45.65	58.83	31.58	81
1. Khadial Road ..	43.47	55.30	31.06	11
2. Khadial ..	46.70	61.65	31.59	10
3. Junagarh ..	34.18	46.48	22.03	19
4. Bhawanipatna ..	52.92	66.24	38.07	38
5. Kesinga ..	32.78	48.12	19.72	11
<b>KEONJHAR DISTRICT</b>	46.41	58.10	29.89	126
1. Barbil ..	39.76	51.54	25.80	33
2. Joda ..	39.07	52.73	24.46	26
3. Balagada (Bolani) ..	44.12	55.62	30.42	10
4. Keonjhar ..	58.49	68.63	46.37	28
5. Daitari ..	49.77	61.23	36.24	5
6. Anandapur ..	49.64	60.74	37.11	24
<b>KORAPUT DISTRICT</b>	46.22	56.66	35.03	280
1. Malkangiri ..	39.80	49.55	28.84	16
2. Chitrakunda ..	39.12	51.11	25.43	8
3. Balimelanagar ..	46.92	58.96	32.73	9
4. Jeypore ..	53.34	64.34	41.77	54
5. Sunabeda ..	43.83	52.46	34.15	40
6. Koraput ..	45.23	55.31	34.18	32
7. Kotapada ..	44.67	54.51	35.34	12
8. Umerkote ..	39.65	50.27	28.59	14
9. Nabarangapur ..	52.05	63.27	40.42	19
10. Papadahandi ..	21.82	30.97	12.63	6
11. Rayagada ..	47.60	57.89	36.85	36
12. Chandili ..	46.99	59.27	32.80	12
13. Gunupur ..	45.81	57.09	33.98	17
14. Gudari ..	46.24	58.19	34.21	6

## IV. EDUCATION

Table No. 405

Percentage of literacy by sex according to 1981 Census (Provisional) in different Towns of Orissa—Contd.

Name of the District/Town	Percentage of literacy			Total population (Thousands)
	Persons	Males	Females	
(1)	(2)	(3)	(4)	(5)
<b>MAYURBHANJA DISTRICT</b>	57.61	67.30	45.99	91*
1. Rairangpur ..	57.58	68.23	45.65	16
2. Baripada ..	60.35	69.14	49.87	40
3. Udala ..	56.62	66.72	44.45	7
4. Karanjia ..	47.75	60.00	33.44	15
<b>PHULBANI DISTRICT</b> ..	58.36	71.96	42.79	37
1. Bauda ..	57.24	72.62	40.39	13
2. Phulbani ..	73.07	44.96	18.49	18
3. G. Udayagiri ..	55.31	67.73	41.89	7
<b>PURI DISTRICT</b> ..	63.47	72.07	52.98	432*
1. Nayagarh ..	75.95	83.99	64.73	8
2. Kantilo ..	61.26	75.19	46.55	8
3. Khorda ..	59.76	70.19	47.75	22
4. Pipili ..	49.02	59.59	38.23	9
5. Jatni ..	64.14	73.29	54.13	40
6. Nimapara ..	61.01	71.72	48.92	11
7. Banapur	48.27	59.86	36.16	12

## IV. EDUCATION

Table No. 405—Concl'd.

Percentage of literacy by sex according to 1981 Census (Provisional) in different Towns of Orissa

Name of the District/Town	Percentage of literacy			Total population (Thousands)
	Persons	Males	Females	
(1)	(2)	(3)	(4)	(5)
<b>SAMBALPUR DISTRICT ..</b>	50.72	62.07	37.80	353*
1. Padmapur ..	50.56	64.20	36.12	10
2. Barapali ..	41.63	54.10	28.81	14
3. Baragarh ..	52.91	63.83	40.44	35
4. Barajarnagar ..	42.85	54.68	29.14	54
5. Jharsuguda ..	50.46	62.72	36.38	55
6. Kuchinda ..	45.63	57.11	32.38	9
7. Deogarh ..	54.54	65.86	41.07	14
8. Burla ..	55.27	67.37	40.68	25
9. Hirakud ..	53.77	65.65	40.35	22
<b>SUNDARGARH DISTRICT..</b>	57.48	66.62	46.25	408
1. Sundargarh ..	58.52	67.23	49.14	24
2. Rajgangapur ..	50.29	59.42	39.52	32
3. Biramitrapur ..	40.13	51.20	28.50	31
4. Rourkela Civil Township	56.82	66.11	44.39	96
5. Jolda ..	36.30	48.85	22.94	12

\* Includes population of the Cities, Industrial Areas and other Outgrowth areas

SOURCE—Census Report

## IV. EDUCATION

Table No. 406

Literacy by sex in the cities of Orissa according to 1971 and 1981 (Provisional) Census

Name of the City/Census years	Population			Percentage of literacy		
	Persons	Males	Females	Persons	Males	Females
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>1. Cuttack</b>						
1971	194,068	109,200	84,868	58.25	65.29	49.20
1981	269,064	149,111	119,953	62.81	70.26	53.54
<b>2. Rourkela</b>						
<b>Steel Town</b>						
1971	125,426	71,372	54,054	54.37	63.24	42.64
1981	205,598	114,048	91,550	62.96	71.25	52.64
<b>3. Bhubaneswar</b>						
1971	105,491	61,190	44,301	62.23	70.81	50.39
1981	219,419	124,883	94,536	66.97	74.42	57.14
<b>4. Berhampur</b>						
1971	117,662	60,932	56,730	51.00	62.66	38.47
1981	162,407	84,396	78,011	57.23	67.27	46.36
<b>5. Sambalpur</b>						
1971	64,675	35,179	29,496	52.07	61.47	40.87
1981	110,296	58,269	52,027	53.43	63.53	42.11
<b>6. Puri</b>						
1971	72,674	30,067	33,607	52.06	61.43	41.18
1981	101,089	53,878	49,211	59.24	67.95	49.31

SOURCE—Census Report

## IV. EDUCATION

Table No. 4.07

Percentage of literacy in Rural and Urban areas by sex according to 1981 Census (Provisional)  
in different tahsils and districts of Orissa

Name of the District/ Tahsil	Sex	Percentage of literacy		
		Rural	Urban	Total
(1)	(2)	(3)	(4)	(5)
BALASORE DISTRICT ..	Persons	41.19	49.12	41.84
	Males	54.61	59.90	55.07
	Females	27.59	36.92	28.32
1. Jaleswar ..	Persons	41.83	48.00	42.11
	Males	54.97	59.34	55.16
	Females	28.16	36.62	28.50
2. Basta ..	Persons	39.88	..	39.88
	Males	53.85	..	53.85
	Females	25.82	..	25.32
3. Balasore ..	Persons	38.26	55.55	42.50
	Males	50.28	64.40	53.85
	Females	25.51	45.35	30.22
4. Nilagiri ..	Persons	34.14	..	34.14
	Males	46.35	..	46.35
	Females	21.79	..	21.79
5. Soro ..	Persons	39.06	43.81	39.31
	Males	53.58	56.55	53.74
	Females	24.63	30.33	24.91
6. Bhadrak ..	Persons	45.30	47.04	45.58
	Males	57.27	57.58	57.32
	Females	33.50	34.91	33.71
7. Basudevpur ..	Persons	40.21	38.84	40.03
	Males	56.42	54.46	56.15
	Females	24.39	21.82	24.06
8. Chandabali ..	Persons	42.83	51.09	43.25
	Males	57.81	62.28	58.04
	Females	27.23	38.40	27.77
9. Dhamanagar ..	Persons	46.14	..	46.14
	Males	59.24	..	59.24
	Females	33.54	..	33.45



## IV. EDUCATION

Table No. 4·07—( *Contd.* )

Percentage of literacy in Rural and Urban areas by sex according to 1981 Census ( Provisional )  
in different tahsils and districts of Orissa

Name of the District/ Tahsil	Sex	Percentage of literacy		
		Rural	Urban	Total
(1)	(2)	(3)	(4)	(5)
BOLANGIR DISTRICT ..	Persons	23·45	48·91	25·78
	Males	37·65	61·65	39·92
	Females	9·24	35·22	11·54
1. Patnagarh ..	Persons	21·59	44·05	22·81
	Males	34·52	57·67	35·81
	Females	8·67	29·73	9·79
2. Titlagarh ..	Persons	18·37	46·86	21·08
	Males	31·13	59·29	33·91
	Females	5·69	33·35	8·21
3. Bolangir ..	Persons	26·36	53·38	29·84
	Males	41·31	64·52	44·40
	Females	11·44	41·30	15·14
4. Rampur ..	Persons	24·38	35·60	25·12
	Males	38·38	51·52	39·26
	Females	10·29	19·13	10·87
5. Biramaharajpur ..	Persons	30·85	..	30·85
	Males	48·12	..	48·12
	Females	13·06	..	13·06
6. Sonepur ..	Persons	25·13	51·33	28·86
	Males	41·22	67·17	44·98
	Females	9·05	34·80	12·65

## IV. EDUCATION

Table No. 407—(Contd.)

Percentage of literacy in Rural and Urban areas by sex according to 1981 Census  
(Provisional) in different tahsils and districts of Orissa

Name of the District/ Tahsil	Sex	Percentage of literacy		
		Rural	Urban	Total
(1)	(2)	(3)	(4)	(5)
CUTTACK DISTRICT	Persons	43.58	60.53	45.33
	Males	56.54	69.40	58.00
	Females	30.58	49.28	32.30
1. Sukinda ..	Persons	32.34	54.48	34.09
	Males	43.05	65.04	45.02
	Females	21.37	39.94	22.64
2. Darpani ..	Persons	39.93	..	39.93
	Males	53.15	..	53.15
	Females	26.40	..	26.40
3. Binjharpur ...	Persons	44.79	..	44.79
	Males	56.50	..	56.50
	Females	33.79	—	33.79
4. Jajapur ..	Persons	43.15	56.43	44.24
	Males	55.43	66.88	56.44
	Females	31.14	44.46	32.16
5. Kanika	Persons	44.75	..	44.75
	Males	56.63	..	56.63
	Females	33.26	..	33.26
6. Aali ..	Persons	49.83	...	49.83
	Males	62.65	..	62.65
	Females	37.89	..	37.89
7. Rajnagar ..	Persons	38.43	..	38.43
	Males	51.95	..	51.95
	Females	24.15	..	24.15
8. Pattamundai ..	Persons	44.55	..	44.55
	Males	57.36	..	57.36
	Females	32.39	..	32.39

## IV. EDUCATION

Table No. 407—(Contd.)

Percentage of literacy in Rural and Urban areas by sex according to 1981 Census (Provisional)  
in different tahsils and districts of Orissa

Name of the District/ Tahsil	Sex	Percentage of literacy		
		Rural	Urban	Total
(1)	(1)	(3)	(4)	(5)
9. Kendrapara ..	Persons	48.17	57.17	49.25
	Males	61.40	67.91	62.21
	Females	34.79	44.99	35.95
10. Salepur ..	Persons	45.88	..	45.88
	Males	59.42	..	59.42
	Females	32.09	..	32.09
11. Cuttack ..	Persons	46.60	62.88	55.72
	Males	59.29	70.83	66.00
	Females	33.27	52.82	43.74
12. Athagarh ..	Persons	41.63	57.18	43.26
	Males	54.47	67.71	55.89
	Females	28.30	45.66	30.07
13. Tigiria ..	Persons	39.50	..	39.50
	Males	53.17	..	53.17
	Females	25.38	..	25.38
14. Banki ..	Persons	39.41	58.09	40.93
	Males	53.94	72.05	55.49
	Females	24.75	42.22	26.09
15. Badamba ..	Persons	36.20	..	36.20
	Males	50.35	..	50.35
	Females	21.81	..	21.81
16. Narasinghpur ..	Persons	40.39	..	40.39
	Males	54.53	..	54.53
	Females	25.93	..	25.93
17. Marsaghai ..	Persons	42.58	..	42.58
	Males	55.69	..	55.69
	Females	29.18	..	29.18
18. Kujanga ..	Persons	48.21	52.69	48.60
	Males	61.12	63.64	61.40
	Females	35.29	32.91	35.13
19. Jagatsinghpur ..	Persons	47.06	54.54	47.45
	Males	60.55	65.63	60.82
	Females	33.92	42.45	34.33
20. Niali ..	Persons	44.80	..	44.80
	Males	58.39	..	58.39
	Females	31.13	..	31.13

## IV. EDUCATION

Table No. 4·07—Contd.

Percentage of literacy in Rural and Urban areas by sex according to 1981 Census  
(Provisional) in different tahsils and district of Orissa

Name of the District/Tahsil	Sex	Percentage of literacy			
		Rural	Urban	Total	
(1)	(2)	(3)	(4)	(5)	
DHENKANAL	..	Persons	34·95	57·26	36·70
		Males	49·82	68·13	51·40
		Females	19·74	43·26	21·39
1. Pallahada	...	Persons	29·12	..	29·12
		Males	43·53	..	43·53
		Females	14·31	..	14·31
2. Talcher	..	Persons	37·20	56·82	41·34
		Males	53·84	67·42	56·99
		Females	19·48	42·09	23·73
3. ChhenJipada	..	Persons	33·58	..	33·58
		Males	51·61	..	51·61
		Females	15·01	..	15·01
4. Athamalik	..	Persons	37·14	..	37·14
		Males	52·98	..	52·98
		Females	20·99	..	20·99
5. Anugul	..	Persons	33·38	69·17	35·90
		Males	49·53	77·76	51·86
		Females	17·25	56·65	19·54
6. Hind'ol	...	Persons	32·06	..	30·06
		Males	45·59	..	45·59
		Females	18·62	..	18·62
7. Dhenkanal	..	Persons	37·93	58·29	40·09
		Males	50·75	68·04	52·69
		Females	24·66	46·35	26·76
8. Kamakshyanagar	..	Persons	34·03	48·22	35·15
		Males	48·21	62·01	49·34
		Females	19·57	32·90	20·58

## IV. EDUCATION

Table No. 4·07—Contd.

Percentage of literacy in Rural and Urban areas by sex according to 1981 Census  
(Provisional) in different tahsils and districts of Orissa

Name of the District/Tahsil	Sex	Percentage of literacy			
		Rural	Urban	Total	
(1)	(2)	(3)	(4)	(5)	
GANJAM	..	Persons	27.29	51.69	30.78
		Males	41.99	63.22	45.15
		Females	13.24	39.61	16.87
1. Ghumsur	..	Persons	33.57	51.45	35.22
		Males	49.21	62.58	50.48
		Females	18.65	40.19	20.59
2. Suruda	..	Persons	25.42	49.71	27.68
		Males	38.87	62.24	41.05
		Females	12.03	37.18	14.36
3. Asika	..	Persons	33.37	56.78	34.84
		Males	50.89	66.82	51.95
		Females	16.77	46.09	18.51
4. Digapahandi	..	Persons	27.37	41.32	27.83
		Males	42.90	51.81	43.20
		Females	12.01	30.68	12.62
5. R. Udayagiri	..	Persons	17.79	..	17.79
		Males	27.93	..	27.93
		Females	7.93	..	7.93
6. Paralakhemundi	—	Persons	17.10	47.03	21.92
		Males	25.81	58.02	31.07
		Females	8.61	35.97	12.96
7. Chikiti	..	Persons	27.92	45.29	29.00
		Males	43.31	59.18	44.35
		Females	13.65	31.02	14.68
8. Berhampur	..	Persons	27.83	56.62	40.64
		Males	41.87	66.66	53.27
		Females	14.37	45.78	27.88
9. Chhatrapur	..	Persons	29.02	54.69	32.29
		Males	45.01	68.17	48.09
		Females	13.77	40.35	16.99
10. Khalikote	..	Persons	25.71	46.12	27.25
		Males	41.18	62.26	42.82
		Females	10.87	29.41	12.22
11. Kodala	..	Persons	27.37	38.95	29.18
		Males	44.46	53.02	45.85
		Females	11.93	24.76	13.84

## IV EDUCATION

Table No. 4·07—Contd.

Percentage of literacy in Rural and Urban areas by sex according to 1981 Census (Provisional) in different Tahsils and districts of Orissa

Name of the district/ Tahasils	Sex	Percentage of literacy		
		Rural	Urban	Total
(1)	(2)	(3)	(4)	(5)
<b>KALAHANDI DISTRICT</b> ..	Persons	17·65	45·65	19·35
	Males	29·33	58·83	31·18
	Females	6·17	31·58	7·65
1. Nuapada ..	Persons	14·74	43·47	16·42
	Males	24·59	55·30	26·44
	Females	5·04	31·06	6·52
2. Khadial —	Persons	16·50	46·70	18·04
	Males	28·02	61·66	29·76
	Females	5·13	31·59	6·47
3. Dharmagarh —	Persons	17·07	34·18	17·78
	Males	28·92	46·48	29·65
	Females	5·41	22·03	6·10
4. Jaipatna ..	Persons	18·83	..	18·83
	Males	31·27	—	31·27
	Females	6·75	..	6·75
5. Kalahandi ..	Persons	16·94	48·34	22·59
	Males	28·01	61·53	34·32
	Females	6·05	33·81	10·81
6. Lantigarh ..	Persons	21·58	..	21·58
	Males	34·64	..	34·64
	Females	8·53	..	8·53
<b>KEONJHAR DISTRICT</b> ..	Persons	27·77	46·41	29·89
	Males	40·49	58·10	42·61
	Females	15·05	32·94	16·95
1. Telkoi ..	Persons	17·91	..	17·91
	Males	29·31	..	29·31
	Females	6·55	..	6·55
2. Barbil ..	Persons	19·12	40·10	28·63
	Males	30·42	52·56	40·80
	Females	7·77	25·89	15·69
3. Champua ..	Persons	31·56	—	31·56
	Males	46·51	..	46·51
	Females	16·67	..	16·67
4. Keonjhar ..	Persons	25·24	57·20	27·89
	Males	38·34	67·54	40·96
	Females	12·16	44·87	14·65
5. Anandapur ..	Persons	37·19	49·64	38·22
	Males	49·43	60·74	50·42
	Females	24·85	37·11	25·81

## IV. EDUCATION

Table No. 4-09—Contd.

Percentage of literacy in Rural and Urban areas by sex according to 1981 Census (Provisional)  
in different tahsils and districts of Orissa

Name of the district/ tahasil	Sex	Percentage of literacy		
		Rural	Urban	Total
(1)	(2)	(3)	(4)	(5)
KORAPUT DISTRICT ..	Persons	11.94	44.22	15.33
	Males	18.72	56.66	23.17
	Females	5.16	35.03	8.44
1. Motu ..	Persons	16.35	..	16.35
	Males	23.79	..	23.79
	Females	8.49	..	8.49
2. Malkanagiri ..	Persons	10.71	41.69	15.06
	Males	15.99	52.66	21.40
	Females	5.37	29.14	8.53
3. Jeypore ..	Persons	11.13	53.34	21.96
	Males	16.79	64.34	29.16
	Females	5.39	41.77	14.59
4. Machhkunda ..	Persons	15.78	..	15.78
	Males	25.18	..	25.18
	Females	6.50	..	6.50
5. Nandapur ..	Persons	9.74	43.83	17.51
	Males	16.30	52.46	24.94
	Females	3.23	34.15	9.94
6. Koraput ..	Persons	11.84	45.23	16.61
	Males	18.14	55.31	23.67
	Females	5.57	34.18	9.50
7. Boriguma ..	Persons	15.27	..	15.27
	Males	24.36	..	24.36
	Females	6.25	..	6.25

## IV. EDUCATION

Table No. 4·09—Contd.

Percentage of literacy in Rural and Urban areas by sex according to 1981 Census (Provisional)  
in different tahsils and districts of Orissa

Name of the district/ tahasil	Sex	Percentage of literacy		
		Rural	Urban	Total
(1)	(2)	(3)	(4)	(5)
8. Kotapad ..	Persons	9·75	44·67	13·69
	Males	16·35	54·51	20·52
	Females	3·04	35·34	6·80
9. Kodinga ..	Persons	7·44	..	7·44
	Males	12·61	..	12·61
	Females	2·19	..	2·19
10. Umarkote ..	Persons	10·22	39·65	11·47
	Males	16·62	50·27	19·07
	Females	3·79	28·59	4·82
11. Nabarangapur ..	Persons	12·51	44·44	16·38
	Males	20·57	55·24	24·83
	Females	4·43	33·34	7·89
12. Kashipur ..	Persons	9·12	..	9·12
	Males	15·26	..	15·26
	Females	3·24	..	3·24
13. Rayagada ..	Persons	11·26	47·45	19·57
	Males	17·36	58·26	27·14
	Females	5·37	35·84	12·08
14. Gunupur ..	Persons	16·39	45·92	19·99
	Males	24·45	57·37	28·56
	Females	8·48	34·04	11·52
15. Bissam-Cuttack ..	Persons	14·91	..	14·91
	Males	22·93	..	22·93
	Females	7·12	..	7·12



## IV. EDUCATION

Table No. 4-07—Contd.

Percentage of literacy in Rural and Urban areas by sex according to 1981 Census (Provisional) in different tahasils and districts of Orissa

Name of the district/ Tahasil	Sex	Percentage of literacy		
		Rural	Urban	Total
(1)	(2)	(3)	(4)	(5)
<b>MAYURBHANJ DISTRICT..</b>	Persons	23.52	57.61	25.47
	Males	35.02	67.30	37.01
	Females	12.02	45.99	13.82
1. Rairangapur ..	Persons	21.52	57.58	23.11
	Males	33.94	68.23	35.56
	Females	9.37	45.65	10.87
2. Baripada ..	Persons	23.81	60.35	27.88
	Males	34.87	69.14	38.95
	Females	12.61	49.87	16.44
3. Betnati ..	Persons	26.48	..	26.48
	Males	37.44	..	37.44
	Females	15.34	..	15.34
4. Udala ..	Persons	22.97	56.62	23.96
	Males	33.34	66.72	34.40
	Females	12.37	44.45	13.24
5. Karanjia ..	Persons	23.53	47.75	24.82
	Males	36.02	60.00	37.41
	Females	11.34	33.44	12.42
<b>PHULBANI DISTRICT ..</b>	Persons	24.86	58.36	26.61
	Males	40.19	71.96	41.96
	Females	9.65	42.79	11.26
1. Kantamal ..	Persons	24.72	..	24.72
	Males	40.67	..	40.67
	Females	8.72	..	8.72
2. Bauda ..	Persons	30.89	57.24	33.00
	Males	49.18	72.62	51.12
	Females	12.47	40.39	14.61
3. Khondmals ..	Persons	23.71	60.34	28.69
	Males	40.79	73.07	45.56
	Females	6.89	44.96	11.60
4. Balliguda ..	Persons	18.49	..	18.49
	Males	29.20	..	29.20
	Females	7.85	..	7.85
5. G. Udayagiri ..	Persons	28.34	55.31	29.72
	Males	44.83	67.73	46.07
	Females	12.31	41.89	13.76

## IV. EDUCATION

Table No. 4·07—Contd.

Percentage of literacy in Rural and Urban areas by sex according to 1981 Census (Provisional) in different tahasils and districts of Orissa

Name of the district/ Tahasil		Sex	Percentage of literacy		
			Rural	Urban	Total
(1)		(2)	(3)	(4)	(5)
<hr/>					
PURI DISTRICT	..	Persons	42·62	63·47	45·71
		Males	57·09	72·07	59·48
		Females	27·97	52·98	31·38
1. Dasapalla	..	Persons	35·97	..	35·97
		Males	52·81	..	52·81
		Females	18·52	..	18·52
2. Nayagarh	..	Persons	39·80	75·95	40·68
		Males	55·54	83·99	56·33
		Females	23·42	64·73	24·28
3. Khandapada	..	Persons	39·41	61·26	40·47
		Males	56·50	75·19	57·43
		Females	22·05	46·55	23·22
4. Khurdha	..	Persons	43·71	59·76	44·87
		Males	57·19	70·19	58·21
		Females	30·59	47·75	31·73
5. Pipili	..	Persons	43·77	49·02	44·02
		Males	57·29	59·59	57·40
		Females	30·02	38·23	30·41
6. Bhubaneswar	..	Persons	50·11	66·40	57·65
		Males	63·04	74·17	68·48
		Females	36·81	56·44	45·33
7. Nimapara	..	Persons	46·07	61·01	46·50
		Males	60·19	71·72	60·54
		Females	31·68	48·92	32·15
8. Puri	..	Persons	41·84	59·24	45·43
		Males	56·61	67·95	59·06
	..	Females	26·91	49·31	31·31
9. Krushnaprasada	..	Persons	33·22	..	33·22
		Males	48·11	..	48·11
		Females	17·90	..	17·90
10. Banapur	..	Persons	36·47	48·27	37·02
		Males	50·20	59·86	50·66
		Females	22·88	36·16	23·48
11. Ranapur	..	Persons	42·93	..	42·93
		Males	57·85	..	57·85
		Females	28·27	..	28·27

## IV. EDUCATION

Table No. 4·07—Contd.

Percentage of literacy in Rural and Urban areas by sex according to  
1981 Census (Provisional) in different tahasils and districts of Orissa

Name of the district/ tahasil	Sex	Percentage of literacy		
		Rural	Urban	Total
(1)	(2)	(3)	(4)	(5)
SAMBALPUR	Persons	30·95	50·72	34·02
	Males	45·24	62·07	47·98
	Females	16·54	37·80	19·67
1. Padmapur	Persons	27·30	50·56	27·85
	Males	41·44	64·20	42·00
	Females	13·23	36·12	13·76
2. Baragarh	Persons	32·41	49·78	34·73
	Males	47·23	61·23	49·18
	Females	17·40	37·09	19·93
3. Jharsuguda	Persons	33·04	46·69	37·12
	Males	47·60	58·73	51·08
	Females	18·37	32·80	22·47
4. Kuchinda	Persons	29·68	45·63	30·48
	Males	42·44	57·11	43·22
	Females	16·84	32·38	17·56
5. Deogarh	Persons	30·83	54·54	32·46
	Males	44·46	65·86	46·03
	Females	16·95	41·07	18·49
6. Rairakhol	Persons	34·62	..	34·62
	Males	51·08	..	51·08
	Females	17·69	..	17·69
7. Sambalpur	Persons	31·77	53·68	40·37
	Males	46·53	64·42	53·82
	Females	16·79	41·49	26·13
8. Attabira	Persons	32·26	..	32·26
	Males	46·03	..	46·03
	Females	18·27	..	18·27

## IV. EDUCATION

Table No. 407—Concl'd.

Percentage of literacy in Rural and Urban areas by sex according to  
1981 Census (Provisional) in different tahasils and districts of Orissa

Name of the district/ tahasil	Sex	Percentage of literacy		
		Rural	Urban	Total
(1)	(2)	(3)	(4)	(5)
SUNDARGARH ..	Persons	26·81	57·48	36·17
	Males	38·05	66·62	47·34
	Females	15·44	46·25	24·19
1. Hemagiri ..	Persons	28·61	..	28·61
	Males	41·44	—	41·44
	Females	15·80	..	15·80
2. Sundargarh ..	Persons	28·45	58·52	31·65
	Males	40·20	67·23	43·20
	Females	16·91	49·14	20·20
3. Rajgangapur ..	Persons	27·75	50·29	31·42
	Males	38·33	59·42	41·98
	Females	17·11	39·52	20·51
e pPanposh ..	Persons	25·30	58·06	44·76
	Males	35·60	67·22	55·06
	Females	14·73	46·67	32·92
5. Bonei ..	Persons	25·33	..	25·33
	Males	36·94	..	36·94
	Females	13·14	..	13·14

SOURCE—Census Report

## V. MEDICAL AND FAMILY WELFARE

In a modern progressive society, the first and foremost duty of a Government is to provide adequate medical services to its massive citizens. A bird's eye view on Government's Planning in this direction leads one to conclude that the services available to the rural folk which constitute nearly 88 per cent of the total population of the State is inadequate. All possible steps are being taken to bridge the gap between rural and urban areas and necessary plans are chalked out so that each family can avail the adequate medical care at large.

This chapter presents Statistical table constituting number of Hospitals, Dispensaries and Primary Health Centres with beds available and number of indoor and outdoor patients treated, cured, relieved, discharged and died, patients treated and died by diseases, number of family welfare institutions, achievements of family welfare programme and sickness of prisoners in District Jails, Special Jails and Sub-Jails in Orissa from the year 1971 to 1980 with district-wise break up for last two years.

In the year 1980, there were 601 allopathic hospitals and dispensaries in the State, out of which 484 were managed by State Government and the rest were managed by private organisations and local bodies. During the same year the number of primary health centres exclusively operating in rural areas were 314. The number of beds available for treatment of patients were 12,144. The total number of patients treated both indoor and outdoor were on increasing trend during a decade. Number of indoor patients treated increased from 2.9 lakhs in 1971 to 4.9 lakhs in 1980 with 3.4 per cent of patients died showing increasing medical facilities in order to reduce death rate.

A review on patients treated and died in Government Hospitals and Dispensaries reveals that the major diseases from which patients suffered were Tuberculosis, dysentery, Malaria, deficiency diseases, Anamniasis, Disease of Central nervous system, Influenza, disease of skin and musculoskeletal system, accident, violence and poisoning. Occurrence of Malaria and Filariasis were on its increasing trend in spite of adequate medical measures.

The number of Ayurvedic Hospitals remain same as 3 whereas there is an increase in the number of dispensaries to 294 in 1980-81 as against 248 in the previous year with the number of doctors 295. The number of beds available was 145 and the number of patients treated rose to 10 lakhs which indicate the popularity of Ayurvedic treatment among the people.

The number of Homoeopathic Hospitals functioning in the State was one and dispensaries were 26. The number of patients treated went up to 34 lakhs whereas the beds available remained same as 50 and doctors in service were 244 during 1980.

Data on the number of family welfare institutions operating in the State lead one to conclude that there is no remarkable progress in opening Family Welfare Centres in rural areas in comparison to urban areas.

The State had made determined effort in order to bring a check to this increasing trend of population growth by offering different family planning measures by the end of 1981. The achievements in this field could be welmarked when the number of people showed their interest rose to 93 thousand during 1981 against 90 thousand during 1980.

The analysis of data on sickness of prisoners in different district Jails, Special Jails and Sub-Jails by various diseases show that during 1980 majority of prisoners suffered from diseases like Influenza, Malaria, Pyrexia of uncertain origin, respiratory diseases, Dysentery, Diarrhoea etc. The year 1980 had recorded the highest number of prisoners suffering from such diseases with amounts nearly 56 thousands as against 8 thousand in the previous year. The number of death cases had been reduced to one which marked the Government's alacrity towards the conditions of the prisoners in jails.

*Special programme on Health Services*—In a country where the decennial increase in population is very high, the programme to control the population whether in the name of Family Planning or Family Welfare can hardly be over-emphasised. The year 1981 must open the eyes to the stark fact that the gain of development will be nullified, were the population to increase as rapidly as it has in the last 30 years. The emphasis in the Sixth plan strategies on measure of fertility control is indicative of the growing national consciousness of the dangers inherent in galloping population. Happily the emphasis is more on educating the public mind and removing the cobwebs of ignorance and current myth than on merely attempting to achieve the target. Female sterilisation (Tubectomy) is more assured of the contraception than male sterilisation (vasectomy). Other measures of Fertility control such as I. U. D. and oral pills are also effective.

Two important schemes introduced in the State are the village health guide scheme under which the state provides for a health guide chosen from the community for every 1,000 people and provides health education to the people. The guides treat minor ailments and refer cases requiring attention of doctor to the nearest primary health centre. The second is integration of the paramedical workers into one multipurpose health worker cadre. Modern day health problems do not admit of vertical stratification in terms of Malaria, Falaria, Small pox, Leprosy etc. Since all these health hazards affect the life of the members of the community with varying degree of severity, a multifunctional cadre for delivery of Primary Health Services has been recognised as crucial to the success in future of comprehensive health programmes.

There will be a sub-centre for 5,000 rural population in rural areas and for 3000 population in hill and difficult areas. Each sub-centre will be provided with a Male health worker and Female health worker. These health workers will be in position to provide composite package of Primary health care. For every 5-6 sub-centres, there will be Primary health centre where services of three professional Medical Officers will be available to the community.

## V. MEDICAL AND FAMILY WELFARE

Table No. 5-01

Number of Hospitals, Dispensaries Primary Health Centres, patients treated and beds available in Orissa

Year/District	Number of Hospitals and Dispensaries						Total
	State public	State special	Local body	Private	Railway	Others	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1971	376	74	12	69	..	2	533
1972	382	80	12	87	3	..	564
1973	388	73	20	75	6	..	562
1974	390	54	14	71	26	8	563
1975	394	55	14	72	26	7	568
1976	396	81	14	72	*	7	570
1977	396	82	14	75	*	..	467
1978	399	58	14	57	26	13	576
1979	411	72	10	57	28	20	598
1980	412	72	10	57	28	22	601
1979							
Balasore	39	3	..	..	2	2	46
Bolangir	17	2	..	2	3	..	24
Cuttack	57	16	2	3	2	2	82
Dhenkanal	27	4	1	4	..	..	36
Ganjam	51	5	2	..	2	3	63
Kalahandi	20	2	..	..	..	1	23
Keonjhar	18	4	..	12	14	..	34
Koraput	28	8	..	3	..	2	55
Mayurbhanj	22	2	..	..	..	1	25
Phulbani	21	2	..	..	3	1	24
Puri	54	4	2	5	3	2	70
Sambalpur	38	9	2	6	1	2	58
Sundargarh	19	11	1	22	1	4	59
1980							
Balasore	39	2	..	..	2	2	46
Balangir	17	2	..	2	3	..	24
Cuttack	57	16	2	3	2	2	82
Dhenkanal	27	4	1	4	..	..	36
Ganjam	51	5	2	..	2	3	63
Kalahandi	20	2	..	..	..	4	23
Keonjhar	18	4	..	12	..	..	34
Koraput	28	8	..	3	14	2	55
Mayurbhanj	22	2	..	..	..	1	25
Phulbani	21	2	..	..	..	1	24
Puri	54	4	2	5	3	3	71
Sambalpur	39	9	2	6	1	3	60
Sundargarh	19	11	1	22	1	4	58

## V. MEDICAL AND FAMILY WELFARE

Table No. 5'01

Number of Hospitals, Dispensaries, Primary Health Centres, patients treated and beds available in Orissa

Year/District	No. of P. H. Cs.	Number of beds available		
		Male	Female	Total
(1)	(9)	(10)	(11)	(12)
1971	313	6,680	4,495	11,175
1972	313	6,457	5,558	11,055
1973	314	6,921	4,357	11,278
1974	314	6,892	4,336	11,328
1975	314	6,927	4,624	11,548
1976	314	6,919	4,764	11,683
1977	322	7,080	4,796	11,876
1978	314	7,175	4,841	12,016
1979	314	7,715	4,561	12,076
1980	314	7,555	4,589	12,144
1979				
Balasore ..	19	313	225	538
Balangir ..	20	367	197	564
Cuttack ..	41	1,366	1,024	2,390
Dhenkanal ..	16	366	195	561
Ganjam ..	29	994	535	1,529
Kalahandi ..	18	348	175	523
Keonjhar ..	13	289	167	456
Koraput ..	42	524	270	794
Mayurbhanja ..	26	469	305	774
Phulbani ..	15	284	157	441
Puri ..	29	901	510	1,417
Sambalpur ..	29	916	539	1,455
Sundargarh ..	17	372	262	634
1980				
Balasore ..	19	313	225	538
Bolangir ..	20	367	197	564
Cuttack ..	41	1,376	1,034	2,410
Dhenkanal ..	16	373	200	473
Ganjam ..	29	1,007	545	1,552
Kalahandi ..	18	348	175	523
Keonjhar ..	13	289	167	456
Koraput ..	42	524	270	794
Mayurbhanja ..	26	279	308	878
Phulbani ..	15	284	157	441
Puri ..	29	907	410	1,417
Sambalpur ..	29	916	539	1,455
Sundargarh ..	17	372	262	634

## MEDICAL AND FAMILY WELFARE

Table No. 5-01

Number of Hospitals, Dispensaries, Primary Health Centres, beds available and patients treated in Orissa

Year/District	Number of Indoor Patients for Treated				
	Male	Female	Total	Cured	Relieved
(1)	(13)	(14)	(15)	(16)	(17)
1971 ..	117,203	98,912	290,095	143,233	47,331
1972 ..	129,003	109,460	319,515	164,634	64,994
1973 ..	110,716	104,190	285,200	153,613	63,174
1974 ..	105,746	95,772	259,476	153,959	67,129
1975 ..	111,978	113,311	291,336	174,078	72,097
1976 ..	137,778	144,610	361,120	205,130	100,183
1977 ..	129,839	126,726	335,725	201,238	81,349
1978 ..	144,270	234,924	368,184	219,564	83,693
1979 ..	160,962	159,702	436,949	270,178	97,409
1980 ..	190,966	179,434	490,401	288,957	110,096
1979					
Balasore ..	10,801	8,272	25,330	13,400	6,334
Bolangir ..	5,876	5,340	13,738	6,667	4,102
Cuttack ..	34,463	31,882	89,329	49,071	18,756
Dhenkanal ..	10,194	7,645	22,866	16,503	3,490
Ganjam ..	20,213	22,982	58,139	35,005	13,716
Kalahandi ..	6,454	4,224	11,991	5,499	2,352
Keonjhar ..	5,394	3,790	11,868	8,539	1,959
Koraput ..	6,076	5,375	14,265	7,030	4,389
Mayurbhanja ..	10,687	8,310	26,318	13,267	9,224
Phulbani ..	5,033	3,235	10,871	7,997	1,836
Puri ..	21,838	27,571	67,479	45,546	14,918
Sambalpur ..	17,560	19,174	49,580	31,634	13,081
Sundargarh ..	14,368	11,812	35,255	30,020	3,252
1980					
Balasore ..	12,060	10,980	29,302	15,280	8,501
Bolangir ..	7,314	5,703	15,620	7,436	5,028
Cuttack ..	32,316	35,842	91,425	49,985	23,735
Dhenkanal ..	11,404	8,804	25,758	17,658	2,524
Ganjam ..	22,623	24,562	62,553	39,026	14,126
Kalahandi ..	9,361	6,436	18,109	10,885	3,293
Keonjhar ..	5,102	3,765	11,792	7,253	2,715
Koraput ..	7,544	6,573	17,639	9,190	4,240
Mayurbhanj ..	10,576	8,415	25,103	12,792	7,729
Phulbani ..	8,844	3,132	10,314	8,209	1,149
Puri ..	26,947	25,927	70,078	48,108	14,095
Sambalpur ..	18,233	18,745	49,059	27,793	14,580
Sundargarh ..	22,642	20,549	63,549	35,342	8,381

Includes children



## V. MEDICAL AND FAMILY WELFARE

Table No. 5.01

Number of Hospitals, Dispensaries, Primary Health Centres, beds available and patients treated in Orissa

Year/District	Total number of Indoor patients			Total number of out-door patients treated		
	Discharged otherwise	Died	Percentage of deaths to total treated	Male	Female	Total*
(1)	(18)	(19)	(20)	(21)	(22)	(23)
1971	22,249	8,825	3.0	6,663,432	2,964,342	13,448,707
1972	27,133	11,529	3.6	746,094	3,458,956	15,276,390
1973	26,938	10,178	3.5	7,506,753	3,616,856	15,370,993
1974	28,730	9,658	3.7	7,170,236	3,415,030	14,665,091
1975	35,099	11,072	3.8	8,122,468	3,985,833	16,720,939
1976	44,091	11,716	2.3	9,198,692	4,666,750	19,231,943
1977	39,773	13,363	4.0	10,089,025	5,781,009	21,091,207
1978	50,555	14,372	3.9	10,611,554	5,416,765	22,213,162
1979	54,459	14,904	3.4	11,900,054	6,110,039	24,625,476
1980	76,259	16,871	3.4	12,343,086	6,446,781	25,508,771
1979						
Balasore ..	4,430	1,166	4.6	1,278,915	730,507	2,767,946
Bolangir ...	2,411	558	4.0	566,301	207,606	1,027,841
Cuttack .	20,095	1,407	1.5	1,986,341	1,086,149	4,248,867
Dhenkanal ..	2,019	854	3.7	828,598	377,060	1,611,753
Ganjam ..	7,573	1,845	3.1	1,077,781	603,498	2,315,919
Kalahandi ..	1,945	2,116	1.7	560,110	215,232	1,061,142
Keonjhar ..	739	631	5.3	502,171	215,491	963,330
Koraput ..	2,346	500	3.5	582,370	281,346	1,237,173
Mayurbhanja ..	2,159	1,668	5.3	862,194	388,934	1,635,623
Phulbani ...	654	384	3.5	3,74,916	162,135	735,514
Puri ..	5,317	1,698	2.5	1,570,264	929,139	3,392,438
Sambalpur ..	3,245	1,620	3.2	876,057	460,669	1,822,841
Sundargarh ..	1,526	457	1.2	832,036	452,273	1,805,089
1980						
Balasore ..	4,619	1,002	3.4	1,259,581	753,057	2,840,275
Bolangir ..	2,552	634	4.0	589,772	215,447	1,063,037
Cuttack ..	14,018	3,911	4.2	2,154,928	1,213,637	4,539,563
Dhenkanal ..	4,878	698	2.7	849,324	384,842	1,621,201
Ganjam ..	8,843	2,116	3.3	1,103,050	596,857	2,342,074
Kalahandi ..	3,507	424	2.3	630,009	242,797	1,161,933
Keonjhar ..	1,399	425	3.6	529,811	236,738	1,001,169
Koraput ...	3,657	552	3.1	617,986	202,720	1,276,655
Mayurbhanja ..	3,330	1,252	4.9	787,120	314,442	1,559,452
Phulbani ..	663	293	2.8	406,166	181,316	789,262
Puri ..	5,334	2,541	3.6	1,659,910	934,525	3,525,549
Sambalpur ..	5,081	1,605	3.2	977,993	509,218	1,999,642
Sundargarh ..	8,408	1,418	2.2	777,436	461,185	1,788,960

\* Total includes children

Source—Directorate of Health Services, Orissa

## V. MEDICAL AND FAMILY WELFARE

Table No. 502

Number of patients treated and died in Government Hospitals,  
Dispensaries by diseases, in Orissa

Name of the Year and District	Tuberculosis Respiratory		Tuberculosis Others		Syphils	
	Treated	Died	Treated	Died	Treated	Died
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971	73,621	268	23,975	92	50,161	12
1972	86,949	358	21,094	180	24,525	33
1973	55,871	353	24,661	219	23,395	21
1974	38,903	285	17,968	166	22,468	5
1975	658,385	454	31,573	209	35,550	7
1976	67,486	381	27,086	243	30,432	16
1977	74,560	469	..	266	31,509	—
1978	83,202	540	8,577	53	14,372	3
1979	86,953	727	15,739	100	24,136	22
1980	75,387	1,565	11,643	49	21,160	86
1980						
Balasore	3,612	18	2,347	1	792	1
Balangir	2,426	12	168	..	705	..
Cuttack	14,189	314	1,637	1	1,568	..
Dhenkanal	2,891	23	323	1	2,838	..
Ganjam	8,443	434	1,954	4	3,207	66
Kalahandi	6,078	48	327	5	2,205	1
Konjhar	1,305	7	1,594	21	865	—
Koraput	3,466	29	323	2	1,983	4
Mayurbhanja	5,041	74	488	5	763	..
Phulbani	692	25	220	..	543	1
Puri	9,483	86	781	4	2,755	3
Sambalpur	8,545	433	963	4	1,267	3
Sundargarh	9,216	62	518	1	1,669	7

## V. MEDICAL AND FAMILY WELFARE

Table No. 502

Number of patients treated and died in Government Hospitals,  
Dispensaries by Diseases in Orissa

Name of the Year and District	Gynonuccal Infection		Entri Fever		Cholera	
	Treated	Died	Treated	Died	Treated	Died
(1)	(8)	(9)	(10)	(11)	(12)	(13)
1971	29,693	9	10,722	204	5,320	13
1972	32,486	1	97,576	297	2,130	13
1973	33,907	4	92,667	320	5,832	27
1974	33,184	1	100,283	198	770	5
1975	37,695	..	111,740	270	2,341	15
1976	34,679	1	121,199	277	3,939	23
1977	39,292	1	N. A.	N. A.	3,222	16
1978	30,561	..	N. A.	N. A.	1,134	4
1979	33,742	12	N. A.	N. A.	4,368	10
1980	32,224	8	N. A.	N. A.	497	3
1980						
Balasore	1,557	..	N. A.	N. A.	6	..
Balangir	741	..	N. A.	N. A.	..	..
Cuttack	3,620	8	N. A.	N. A.	175	3
Dhenkanal	1,160	—	N. A.	N. A.	..	..
Ganjam	4,125	..	N. A.	N. A.	—	—
Kalahandi	1,829	..	N. A.	N. A.	..	..
Keonjhar	1,226	8	N. A.	N. A.	..	..
Koraput	1,212	..	N. A.	N. A.	2	..
Mayurbhanja	493	..	N. A.	N. A.	..	..
Phulbani	415	..	N. A.	N. A.	17	..
Puri	7,579	..	N. A.	N. A.	131	..
Sambalpur	5,018	..	N. A.	N. A.	..	..
Sundargarh	3,249	..	N. A.	N. A.	166	..

## V. MEDICAL AND FAMILY WELFARE

Table No. 502—Contd.

Number of patients treated and died in Government Hospitals  
and Dispensaries by diseases, in Orissa

Year/District	Dysentery		Dyphtheria		Whooping Cough	
	Treated	Died	Treated	Died	Treated	Died
(1)	(14)	(15)	(16)	(17)	(18)	(19)
1971	1,214,574	385	3,535	108	56,546	8
1972	1,555,971	897	3,949	142	78,737	142
1973	1,175,167	299	5,446	95	79,390	9
1974	1,311,113	290	4,982	62	79,318	3
1975	1,452,725	272	4,383	67	83,721	2
1976	2,133,685	450	2,443	114	113,408	2
1977	2,462,088	627	2,451	130	94,392	2
1978	1,395,937	452	2,660	102	72,298	..
1979	2,600,578	660	1,840	65	83,016	3
1980	2,745,296	579	1,749	79	77,126	4
1980						
Balasore	338,762	48	61	5	7,411	..
Balangir	92,012	7	30	3	1,525	..
Cuttack	515,876	104	731	30	19,710	2
Dhenkanal	146,451	20	66	1	5,182	..
Ganjam	283,603	126	40	1	5,668	1
Kalahandi	102,070	6	17	1	2,082	..
Keonjhar	92,213	10	10	1	1,703	1
Koraput	152,846	15	27	..	1,446	..
Mayurbhanj	154,423	72	68	2	1,787	..
Phulbani	68,678	20	22	3	1,065	..
Puri	369,086	79	191	18	12,041	..
Sambalpur	190,991	41	61	13	3,875	..
Sundargarh	238,285	31	425	1	13,631	..

## V. MEDICAL AND FAMILY WELFARE

Table No. 5'02—Contd.

Number of patients treated and died in Government Hospitals and Dispensaries by diseases in Orissa

Year/District	Measles infection		Leprosy		Typhus	
	Treated	Died	Treated	Died	Treated	Died
(1)	(20)	(21)	(22)	(23)	(24)	(25)
1971	2,780	76	18,406	1	4,796	649
1972	3,848	79	20,310	11	4,919	651
1973	3,228	84	25,929	9	5,236	579
1974	3,015	89	26,857	4	5,026	706
1975	3,835	110	32,431	10	6,435	658
1976	3,936	179	36,471	36	9,095	700
1977	6,276	234	38,648	7	7,618	736
1978	4,254	180	51,147	12	7,299	843
1979	7,369	199	53,687	69	7,808	894
1980	4,091	174	51,116	58	8,392	963
1980						
Balasore	51	8	2,064	1	413	42
Balangir	178	5	2,042	..	200	26
Cuttack	326	37	13,177	47	3,306	310
Dhenkanal	64	8	4,298	..	516	52
Ganjam	342	6	4,711	4	1,290	196
Kalahandi	130	6	462	..	113	19
Keonjhar	69	4	455	..	176	22
Koraput	39	..	1,037	1	126	13
Mayurbhanj	94	18	1,816	..	232	46
Phulbani	22	..	248	..	42	6
Puri	624	39	6,474	..	987	138
Sambalpur	1,073	41	9,453	5	283	51
Sundargarh	1,079	2	4,879	..	708	44

## V. MEDICAL AND FAMILY WELFARE

Table No. 5·02—(Contd.)

Number of patients treated and died in Government Hospitals and Dispensaries by diseases in Orissa

Year/District (1)	Polyomyelitis acute		Smallpox		Measles	
	Treated (26)	Died (27)	Treated (28)	Died (29)	Treated (30)	Died (31)
1971	3,221	7	..	...	28,222	3
1972	1,591	13	1,693	12	32,459	9
1973	2,147	13	3,400	7	43,284	13
1974	5,739	19	2,204	11	46,669	8
1975	3,672	11	2,604	..	46,131	8
1976	1,516	15	2,647	2	59,201	3
1977	1,847	11	1,157	...	49,794	4
1978	2,496	7	880	...	46,794	13
1979	4,183	28	..	...	41,423	2
1980	2,764	13	..	..	46,787	4
1980						
Balasore	62	1	..	..	4,652	2
Balangir	45	..	..	..	517	..
Cuttack	1,005	1	..	..	15,220	2
Dhenkanal	110	..	...	..	1,089	..
Ganjam	466	6	..	..	2,129	..
Kalahandi	51	1	..	..	488	..
Keonjhar	57	1	..	..	1,824	..
Koraput	59	..	...	...	551	..
Mayurbhanj	14	1	...	..	1,071	..
Phulbani	27	..	..	..	1,342	..
Puri	160	..	..	..	9,382	..
Sambalpur	177	1	..	..	2,376	..
Sundargarh	531	1	..	..	6,146	..

## V. MEDICAL AND FAMILY WELFARE

Table No. 5·02—(Contd.)

Number of patients treated and died in Government Hospitals and Dispensaries by diseases in Orissa

Year/District	Infection Hepatitis		Rabies		Typhur and other Rickettsial diseases	
	Treated	Died	Treated	Died	Treated	Died
(1)	(32)	(33)	(34)	(35)	(36)	(37)
1971	18,931	162	..	..	3,670	12
1972	36,750	267	..	..	2,820	3
1973	30,492	253	4,859	70	19,321	4
1974	26,928	740	10,552	64	2,007	..
1975	33,186	183	12,371	46	4,218	3
1976	33,874	355	6,898	67	2,632	..
1977	34,087	336	8,390	92	4,652	1
1978	37,541	351	8,456	72	9,957	..
1979	36,547	406	11,365	86	4,233	11
1980	40,773	403	6,282	55	8,775	4
1980						
Balasore	1,163	15	33	6	5	..
Balangir	807	6	189	..	..	..
Cuttack	10,223	83	1,777	6	267	..
Dhenkanal	1,880	21	78	4	..	..
Ganjam	6,334	80	904	13	2	..
Kalahandi	777	12	17	..	3,793	1
Keonjhar	1,191	12	154	..	319	1
Koraput	1,985	16	800	1	14	..
Mayurbhanj	1,235	32	479	8	66	..
Phulbani	463	3	106	1	1,818	..
Puri	8,709	74	136	12	2,234	2
Sambalpur	3,395	19	602	10	95	..
Sundargarh	2,611	50	997	3	162	..

## V. MEDICAL AND FAMILY WELFARE

Table No. 5-02—(Contd).

Number of patients treated and died in Government Hospitals and Dispensaries by diseases, in Orissa

Year/District	Malaria		Filariasis		Ankylostomissis (hookwaess)	
	Treated	Died	Treated	Died	Treated	Died
(1)	(38)	(39)	(40)	(41)	(42)	(43)
1971	54,091	51	146,329	17	135,632	57
1972	96,345	33	159,107	11	147,936	41
1973	206,842	43	167,220	14	155,950	66
1974	337,713	89	185,086	4	164,938	33
1975	377,657	127	232,000	10	192,869	57
1976	528,077	174	225,946	6	217,634	39
1977	629,600	248	287,149	5	239,304	70
1978	313,377	378	306,587	7	237,959	60
1979	590,021	412	284,541	11	252,744	78
1980	711,297	363	321,702	12	280,965	45
1980						
Balasore	42,107	7	56,837	..	20,953	..
Balangir	15,434	2	5,599	..	3,027	4
Cuttack	44,038	9	83,089	..	69,986	18
Dhenkanal	64,526	91	14,988	—	9,988	..
Ganjam	76,224	43	39,646	11	23,779	3
Kalahandi	35,482	7	1,181	..	7,314	..
Keonjhar	63,562	27	6,101	..	11,979	10
Koraput	67,408	26	3,313	..	11,050	..
Mayurbhanj	16,694	42	7,722	..	12,338	1
Phulbani	55,714	32	854	..	8,787	..
Puri	50,421	11	78,466	..	76,604	9
Sambalpur	94,774	38	5,640	..	8,448	..
Sundargarh	84,913	28	18,266	1	17,712	—



## V. MEDICAL AND FAMILY WELFARE

Table No. 5·02—(Contd.)

Number of patients treated and died in Government Hospitals and Dispensaries by diseases, in Orissa

Year/District		All other diseases classified as infective and parasite		Malignant Neoplasms		Benign and other Neoplasms	
		Treated	Died	Treated	Died	Treated	Died
(1)		(44)	(45)	(46)	(47)	(48)	(49)
1971	..	..	..	83,743	237	3,956	8
1972	..	73,590	52	60,624	213	6,679	7
1973	..	85,965	32	63,157	244	8,361	14
1974	..	86,316	36	43,270	208	3,608	11
1975	..	148,670	91	41,007	272	5,949	22
1976	..	124,233	89	65,804	315	5,776	14
1977	..	162,986	61	40,237	298	5,887	10
1978	..	182,373	65	11,295	124	5,259	13
1979	..	152,555	49	68,102	532	4,392	4
1980	..	120,933	87	61,757	402	5,649	1
1980							
Balasore	..	6,596	6	73	..	9	..
Balangir	..	5,778	..	873	14	474	..
Cuttack	..	20,754	12	3,633	278	1,028	..
Dhenkanal	..	4,148	17	3,365	2	120	..
Ganjam	..	24,796	13	9,766	64	2,230	1
Kalahandi	..	3,718	4	191	6	160	..
Keonjhar	..	4,880	..	195	18	247	..
Koraput	..	8,469	14	1,387	4	77	..
Mayurbhanj	..	16,456	3	607	24	42	..
Phulbani	..	6,301	..	99	2	36	..
Puri	..	3,557	..	457	24	172	..
Sambalpur	..	8,384	18	6,256	80	694	..
Sundargarh	..	7,096	..	1,855	41	360	..

## V. MEDICAL AND FAMILY WELFARE

Table No. 5'02—Contd.

Number of patients treated and died in Government Hospitals and Dispensaries by diseases in Orissa

Year/District	Diabeties Mellious		Defficiency diseases		Anaemias	
	Treated	Died	Treated	Died	Treated	Died
(1)	(50)	(51)	(52)	(53)	(54)	(55)
1971 ..	14,234	115	938,506	268	549,323	388
1972 ..	20,668	98	1,063,342	526	647,077	554
1973 ..	18,527	87	1,176,382	418	754,312	480
1974 ...	25,877	84	1,163,634	424	738,926	458
1975 ..	25,897	84	1,359,728	489	812,643	512
1976 ..	21,281	106	1,584,151	350	857,581	592
1977 ..	22,857	103	1,847,473	340	1,060,864	5
1978 ..	31,268	132	1,976,364	302	1,111,282	808
1979 ..	37,502	146	1,889,906	326	1,108,051	596
1980 ..	39,880	105	2,069,138	303	1,209,861	724
1980						
Balasore ..	722	3	250,131	14	101,584	44
Balangir ..	1,358	4	116,301	..	46,748	24
Cuttack ..	4,903	24	361,502	77	228,898	106
Dhenkanal ..	827	5	134,518	11	67,072	37
Ganjam ...	2,783	15	132,458	38	103,694	39
Kalahandi ..	1,020	2	126,966	6	52,949	12
Keonjhar ..	1,080	2	79,872	4	46,118	13
Koraput ..	732	9	83,727	3	83,624	30
Mayurbhanj ..	997	4	152,316	8	72,078	41
Phulbani ..	377	4	73,762	2	45,796	29
Puri ..	5,260	18	250,799	85	195,366	219
Sambalpur ..	1,999	14	171,645	49	80,782	30
Sundargarh ..	17,822	1	135,141	6	85,152	69

## V. MEDICAL AND FAMILY WELFARE

Table No. 5.02—Contd.

Number of patients treated and died in Government Hospitals and Dispensaries by diseases in Orissa

Year/District		Psychosis		Disease of central nervous system		Rheumatic fever	
		Treated	Died	Treated	Died	Treated	Died
(1)		(56)	(57)	(58)	(59)	(60)	(61)
1971	...	18,597	20	1,081,415	155	87,960	509
1972	..	9,306	7	1,116,746	190	137,306	474
1973	..	11,955	7	1,746,477	146	103,606	162
1974	..	12,712	5	1,186,683	273	77,082	186
1975	..	11,916	7	1,385,253	331	88,955	108
1976	..	11,327	..	1,484,849	314	90,131	158
1977	..	15,809	8	1,568,850	302	80,034	21
1978	..	22,341	6	1,676,177	291	239,468	1
1979	..	17,706	406	1,727,737	406	70,336	64
1980	..	35,936	5	1,759,931	501	70,522	65
1980							
Balasore	..	293	..	159,858	24	3,423	..
Balangir	..	1,127	...	77,508	11	3,217	18
Cuttack	..	8,141	3	330,637	194	11,499	1
Dhenkanal	..	360	..	108,729	7	5,696	..
Ganjam	..	5,875	..	219,350	113	6,526	10
Kalahandi	..	532	...	96,010	9	5,475	..
Keonjhar	..	610	..	62,812	13	1,390	..
Koraput	..	419	..	83,335	15	5,081	1
Mayurbhanj	..	789	..	96,544	21	3,488	1
Phulbani	...	190	..	49,980	12	3,995	2
Puri	..	942	1	222,562	49	9,148	22
Sambalpur	..	4,515	..	142,767	25	5,852	4
Sundargarh	..	12,143	1	109,839	8	5,732	6

## V. MEDICAL AND FAMILY WELFARE

Table No. 502—Contd.

Number of patients treated and died in Government Hospitals Private Medical Institutions and  
Dispensaries by diseases by Orissa

Year/District		Influenza		Lebar pneumonia		Disease of teeth and gums	
		Treated	Died	Treated	Died	Treated	Died
(1)		(62)	(63)	(64)	(65)	(66)	(67)
1971	..	419,613	37	602,744	249	453,889	1
1972	..	529,283	8	31,263	150	521,652	1
1973	..	674,985	13	16,515	55	567,830	2
1974	..	698,635	14	22,856	88	537,070	3
1975	..	779,602	2	19,695	97	579,839	1
1976	..	789,827	2	16,982	81	677,121	5
1977	..	879,172	6	16,174	136	712,405	3
1978	..	811,593	3	16,644	118	741,560	3
1979	..	754,214	4	23,354	119	692,777	..
1980	..	749,808	6	16,218	169	782,084	1
1980							
Balasore	..	47,582	..	1,848	12	95,276	..
Balangir	..	23,543	..	728	9	23,524	..
Cuttack	..	197,713	..	2,960	31	167,384	..
Dhenkanal	..	47,766	..	942	9	54,787	..
Ganjam	..	37,741	..	668	18	72,595	..
Kalahandi	..	8,467	..	342	..	30,298	..
Keonjhar	..	27,871	..	1,207	1	26,125	1
Koraput	..	24,232	2	764	..	29,957	..
Mayurbhanj	..	60,797	..	667	6	53,168	..
Phulbani	..	17,413	..	216	3	19,048	..
Puri	..	129,536	2	1,089	6	107,069	..
Sambalpur	..	63,002	2	1,594	34	54,316	..
Sundargarh	..	64,145	..	3,193	40	48,537	..

## V. MEDICAL AND FAMILY WELFARE

Table No. 5·02—Contd.

Number of patients treated and died in Government Hospitals and Dispensaries by diseases, in Orissa

Year/District	Disease of Genito Urinary system		Disease of Pregnancy delivery and childbirth		Disease of skin and Muscles skeletal system	
	Treated	Died	Treated	Died	Treated	Died
(1)	(68)	(69)	(70)	(71)	(72)	(73)
1971 ..	81,282	296	183,969	606	1,241,987	22
1972 ..	90,178	310	206,420	742	888,589	103
1973 ..	338,717	349	236,329	687	2,144,253	60
1974 ...	463,720	581	231,618	652	2,193,618	124
1975 ..	278,385	357	2,41,943	726	2,418,260	41
1976 ..	326,391	275	266,318	742	2,851,903	182
1977 ..	305,911	91	78,397	378	827,004	32
1978 ..	47,576	193	200,690	455	724,857	34
1979 ..	2,676,789	613	263,656	968	3,286,935	216
1980 ..	339,184	370	274,379	953	3,212,142	101
1980						
Balasore ..	14,268	20	17,003	77	370,409	..
Balangir ..	14,664	17	9,035	49	129,908	3
Cuttack ..	62,518	136	68,441	165	523,737	43
Dhenkanal ..	23,329	10	12,591	64	226,222	1
Ganjam ..	43,224	57	28,481	87	326,152	21
Kalahandi ..	13,797	7	3,693	40	131,554	..
Keonjhar ..	15,623	3	6,238	36	140,491	..
Koraput ..	17,278	12	13,537	58	191,192	22
Mayurbhanj ..	14,173	18	11,070	99	182,638	2
Phulbani ..	7,800	..	3,362	25	126,491	2
Puri ..	59,425	34	51,631	154	470,056	2
Sambalpur ..	32,552	42	32,093	62	246,846	3
Sundargarh ..	20,533	14	17,204	24	144,446	2

## V. MEDICAL AND FAMILY WELFARE

Table No. 502—*Concl'd.*

Number of patients treated and died in Government Hospitals and Dispensaries by diseases in Orissa

Year/District	(1)	Disease of early infancy		Accident Poisoning and violence		All Causes	
		Treated	Died	Treated	Died	Treated	Died
		(74)	(75)	(76)	(77)	(78)	(79)
1971	..	27,434	402	1,268,752	805	183,03,105	11,303
1972	..	26,964	365	1,337,381	954	157,10,765	12,470
1973	..	41,971	686	1,522,627	1,041	172,80,795	11,398
1974	..	39,638	628	1,481,327	932	170,16,138	10,485
1975	..	49,765	795	1,826,761	1,365	194,66,213	12,310
1976	..	70,016	860	1,913,683	1,200	217,34,670	12,953
1977	..	58,548	685	2,210,513	1,389	239,99,002	14,324
1978	..	81,957	1,045	6,25,279	323	245,43,811	15,431
1979	..	115,485	1,577	25,060,211	16,294	420,94,001	26,118
1980	..	70,104	1,025	23,891,025	16,618	391,54,794	25,985
1980							
Balasore	..	1,576	54	2,869,677	1,002	4,423,216	1,381
Balangir	..	3,252	37	1,078,657	634	1,662,350	885
Cuttack	..	12,656	229	4,630,987	3,911	7,470,311	6,185
Dhenkanal	..	1,743	9	1,646,959	800	2,595,622	1,113
Ganjam	..	8,219	207	240,627	2,074	1,728,054	3,731
Kalahandi	..	2,133	17	1,159,503	424	1,800,524	634
Keonjhar	..	976	8	1,012,960	425	1,612,498	649
Koraput	..	2,116	12	1,296,446	522	2,090,060	879
Mayurbhanj	..	3,726	58	1,584,555	1,252	2,458,670	1,843
Phulbani	..	1,501	7	799,584	293	1,297,646	472
Puri	..	10,988	177	3,565,627	2,541	5,719,928	3,809
Sambalpur	..	10,335	115	2,048,701	1,605	3,249,929	2,733
Sundargarh	..	10,883	93	1,956,742	1,135	3,045,986	1,671

SOURCE—Directorate of Health Services, Orissa

## V, MEDICAL AND FAMILY WELFARE

Table No. 5-03

Number of Aurvedic Hospitals and Dispensaries and Patients treated and Beds available in Orissa

Year/District	No. of Hospitals	No. of Dispensaries	No. of Doctors (Kaviragis)	No. of Nurses	No. of Beds	No. of Patients Treated
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1974-75	3	214	230	..	140	1,487,968
1975-76	3	204	204	8	140	1,272,576
1976-77	3	213	217	8	140	1,354,683
1977-78	3	221	225	8	140	2,152,489
1978-79	3	248	248	12	150	1,839,073
1979-80	3	248	270	10	145	1,704,575
1980-81	3	294	295	N.A.	145	2,758,714
1979						
Balasore	..	20	20	..	..	130,546
Balangir	1	21	25	3	30	152,834
Cuttack	..	28	28	..	..	223,405
Dhenkanal	..	18	18	..	..	99,827
Ganjam	..	30	30	..	..	350,227
Kalahandi	..	11	11	..	..	65,809
Keonjhar	..	20	20	..	..	113,102
Koraput	..	20	20	..	..	66,834
Mayurbhanj	..	12	13	..	..	87,413
Phulbani	..	12	12	..	..	65,313
Puri	2	23	41	7	115	173,262
Sambalpur	..	17	17	..	..	95,667
Sundargarh	..	15	15	..	..	80,336
1980						
Balasore	..	22	22	..	..	256,146
Balangir	1	25	29	..	30	319,978
Cuttack	..	36	36	..	..	302,592
Dhenkanal	..	21	21	..	..	143,197
Ganjam	..	32	32	..	..	308,867
Kalahandi	..	12	12	..	..	91,877
Keonjhar	..	21	21	..	..	179,254
Koraput	..	25	19	..	..	148,829
Mayurbhanj	..	17	17	..	..	152,927
Phulbani	..	14	14	..	..	96,615
Puri	2	28	38	..	115	540,969
Sambalpur	..	23	18	..	..	120,424
Sundargarh	..	18	16	..	..	97,068

Source—Directorate of Indian Medicines and Homeopathy Orissa, Bhubaneswar

## V. MEDICAL AND FAMILY WELFARE

Table No. 5\*04

Number of Homeopathic Hospitals and Dispensaries patients treated and Beds available in Orissa

Year/District	No. of Hospitals	No. of Dispensaries	No. of Beds	No. of Doctors	No. of distributors Homeo Assts.	No. of patients treated
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1974	1	118	24	117	119	1,758,800
1975	1	133	48	132	134	1,524,921
1976	5	139	24	141	142	1,801,412
1977	1	144	24	177	150	1,745,292
1978	1	158	24	161	161	21,76,727
1979	1	185	50	190	230	2,623,998
1980	1	226	50	244	227	3,378,409
1979						
Balasore	..	25	..	25	34	359,706
Balangir	..	7	..	7	8	61,031
Cuttack	..	25	..	25	34	436,571
Dhenkanal	..	15	..	15	17	248,933
Ganjam	..	25	..	25	33	315,087
Kalahandi	..	8	..	8	8	65,766
Keonjhar	..	13	..	13	14	130,879
Koraput	..	6	..	6	7	78,782
Mayurbhanj	..	14	..	14	15	156,017
Phulbani	..	7	..	7	89	183,782
Puri	1	22	50	27	30	512,639
Sambalpur	..	11	..	11	13	96,857
Sundargarh	..	7	..	7	8	69,258
1980						
Balasore	..	30	..	33	35	486,735
Balangir	..	8	..	7	7	81,530
Cuttack	..	31	..	31	28	537,209
Dhenkanal	..	20	..	20	20	269,582
Ganjam	..	27	..	30	27	453,107
Kalahandi	..	9	..	9	9	105,088
Keonjhar	..	15	..	15	15	177,023
Koraput	..	8	..	8	8	61,733
Mayurbhanj	..	17	..	16	16	203,818
Phulbani	..	8	..	9	9	105,206
Puri	1	27	50	45	32	690,653
Sambalpur	..	16	..	13	13	129,588
Sundargarh	..	9	..	8	8	77,137

Source—Directorate of Indian Medicines and Homeopathy, Orissa, Bhubaneswar



## V. MEDICAL AND FAMILY WELFARE

Table No. 5.05

Number of Family Welfare Institutions in Orissa

Year/District	Rural family welfare centre	Urban family welfare centres	Voluntary organisation	Other Hospitals and Dispen- saries with F. W. Facilities
(1)	(2)	(3)	(4)	(5)
1971-72	310	46	5	383
1972-73	310	46	5	383
1973-74	410	44	5	383
1974-75	310	38	5	383
1975-76	310	31	5	383
1976-77	310	23	5	383
1977-78	310	23	5	383
1978-79	310	23	5	383
1979-80	314	17	4	383
1980-81	314	26	5	383
1979				
Balasore	19	1	..	36
Balangir	20	..	..	15
Cuttack	41	4	2	52
Dhenkanal	16	1	..	24
Ganjam	29	3	1	49
Kalahandi	18	..	..	17
Keonjhar	13	..	..	18
Koraput	42	2	..	24
Mayurbhanj	26	..	..	21
Phulbani	15	..	..	19
Puri	29	1	1	54
Sambalpur	29	3	..	37
Sundargarh	17	2	..	17
1980				
Balasore	19	1	..	36
Balangir	20	2	..	15
Cuttack	41	5	2	52
Dhenkanal	16	2	..	24
Ganjam	29	4	1	49
Kalahandi	18	..	..	17
Keonjhar	13	1	..	18
Koraput	42	3	..	24
Mayurbhanj	26	1	..	21
Phulbani	25	..	..	19
Puri	29	2	2	54
Sambalpur	29	3	..	37
Sundargarh	17	2	..	17

Source—Directorate of Health Services, Orissa

## V. MEDICAL AND FAMILY WELFARE

Table No. 506  
Achievement of Family welfare Programme in Orissa

Year/District	Sterilisation	I. U. C. D.	C. C. Users
(1)	(2)	(3)	(4)
1971-72	86,714	52,618	92,697
1972-73	91,859	40,964	70,869
1973-74	55,252	28,341	39,397
1974-75	68,971	20,176	33,278
1975-76	125,040	23,976	43,558
1976-77	322,984	19,066	42,149
1977-78	81,827	10,385	37,271
1978-79	105,058	13,945	53,520
1979-80	90,676	17,450	47,001
1980-81	92,989	17,268	35,130
1979—			
Balasore ..	6,993	2,581	3,461
Bolangir ...	7,073	149	2,959
Cuttack ..	13,246	2,133	4,718
Dhenkanal ..	4,546	1,100	3,220
Ganjam ..	8,725	2,265	5,326
Kalahandi ..	5,650	278	2,370
Keonjhar ..	3,552	1,238	3,088
Koraput ..	7,594	1,355	3,614
Mayurbhanja ..	6,488	1,943	3,234
Phulbani ..	1,733	345	2,716
Puri ..	8,909	2,032	4,907
Sambalpur ..	10,359	1,375	4,829
Sundargarh ..	5,790	656	2,649
1980—			
Balasore ..	7,419	2,286	3,197
Bolangir —	4,718	232	1,796
Cuttack ..	16,214	2,601	3,419
Dhenkanal ..	4,219	953	2,289
Ganjam ..	7,291	3,323	4,605
Kalahandi ..	7,137	509	2,174
Keonjhar ..	3,550	871	2,078
Koraput ..	10,574	1,235	1,999
Mayurbhanja ..	8,004	2,264	2,553
Phulbani ..	1,449	321	1,932
Puri ..	8,503	1,594	4,223
Sambalpur ..	8,674	1,258	2,320
Sundargarh ..	5,237	821	2,545

SOURCE—Directorate of Health Services, Orissa

## V. MEDICAL AND FAMILY WELFARE

Table No. 507

Sickness of Prisoners in District Jails, Special Jails and Sub-Jails in Orissa

Year/ District	Influenza		Enteric fever		Malaria		Pyrexia of uncertain Origin		
	A	D	A	D	A	D	A	D	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1971	..	389	..	17	..	14	..	866	1
1972	..	594	..	70	..	47	..	1,679	1
1973	..	548	..	6	..	42	..	1,956	..
1974	..	283	..	257	..	104	..	2,368	..
1975	..	1,465	..	846	..	301	..	2,574	1
1976	..	3,237	..	524	..	442	..	2,447	1
1977	..	278	..	177	..	270	1	1,831	11
1978	..	526	..	68	..	670	..	1,781	1
1979	..	699	..	56	..	1,191	..	1,136	..
1980	..	2,811	..	711	..	1,369	..	1,792	1
1979—									
Balasore	..	4	..	..	..	77	..	38	..
Bolangir	..	44	..	1	..	..	..	29	..
Cuttack	..	..	..	..	..	..	..	117	..
Dhenkanal	..	74	..	..	..	2	..	251	..
Ganjam	..	16	..	9	..	83	..	..	..
Kalahandi	..	..	..	..	..	2	..	172	..
Keonjhar	..	..	..	25	..	6	..	56	..
Koraput	..	..	..	..	..	14	..	262	..
Mayurbhanja	..	17	..	..	..	19	..	108	..
Phulbani	..	534	..	19	..	904	..	..	..
Puri	..	2	..	..	..	1	..	108	..
Sambalpur	..	..	..	..	..	1	..	128	..
Sundargarh	..	8	..	2	..	81	..	69	..
1980—									
Balasore	..	470	..	85	..	187	..	90	..
Bolangir	..	341	..	209	..	96	..	14	..
Cuttack	..	..	..	..	..	..	..	176	..
Dhenkanal	..	93	..	88	..	45	..	231	..
Ganjam	..	42	..	84	..	85	..	66	..
Kalahandi	..	74	..	89	..	21	..	86	..
Keonjhar	..	105	..	3	..	32	..	109	..
Koraput	..	195	..	21	..	65	..	..	..
Mayurbhanja	..	124	..	34	..	29	..	83	..
Phulbani	..	582	..	6	..	719	..	2	..
Puri	..	41	..	2	..	4	..	236	..
Sambalpur	..	95	..	33	..	74	..	158	1
Sundargarh	..	649	..	57	..	12	..	541	..

## V. MEDICAL AND FAMILY WELFARE

Table No. 5-07—Contd.

Sickness of Prisoners in District Jails Special Jails and Sub-Jails in Orissa

Year/District	Tubercle of lungs		Respiratory diseases excluding tubercle of lungs and pneumonia		Dysentery	
	A.	D.	A.	D.	A.	D.
(1)	(10)	(11)	(12)	(13)	(14)	(15)
1971	38	1	181	..	598	..
1972	102	..	276	..	896	2
1973	109	..	232	..	943	1
1974	66	1	625	1	1,252	1
1975	117	1	734	1	1,467	..
1976	70	..	1,064	..	2,851	..
1977	174	..	438	2	1,016	..
1978	151	..	2,681	..	1,313	..
1979	154	..	1,586	..	1,287	..
1980	183	..	3,189	..	5,360	1
1979—						
Balasore ..	1	..	16	..	34	..
Balangir ..	..	..	3	..	16	..
Cuttack ..	21	..	60	..	21	..
Dhenkanal ..	25	..	128	..	94	..
Ganjam ..	12	..	21	..	32	..
Kalahandi ..	1	..	626	..	325	..
Keonjhar ..	..	..	10	..	47	..
Koraput ..	9	..	86	..	174	..
Mayurbhanja ..	..	..	34	..	94	..
Phulbani ..	..	..	557	..	274	..
Puri ..	..	..	..	..	33	..
Sambalpur ..	11	..	2	..	48	..
Sundargarh ..	74	..	43	..	95	..
1980—						
Balasore ..	2	..	864	..	462	..
Balangir ..	14	..	180	..	290	..
Cuttack ..	8	..	21	..	19	..
Dhenkanal ..	12	..	163	..	180	..
Ganjam ..	23	..	56	..	99	..
Kalahandi ..	31	..	175	..	160	..
Keonjhar ..	4	..	7	..	115	..
Koraput ..	1	..	56	..	77	..
Mayurbhanja ..	14	..	39	..	397	..
Phulbani ..	16	..	914	..	115	..
Puri ..	4	..	23	..	114	..
Sambapur ..	10	..	4	..	132	..
Sundargarh ..	44	..	687	..	3,160	..

## V. MEDICAL AND FAMILY WELFARE

Table No. 5-7—Contd.

Sickness of Prisoners in District Jails, Special Jails and Sub-Jails in Orissa Contd

Year/District	Diarrhoea		Anemia		Abscess of acrolar tissue		Boil	
	A.	D.	A.	D.	A.	D.	A.	D.
(1)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1971	638	..	49	..	41	..	96	..
1972	986	1	103	..	62	..	96	1
1973	1,104	..	258	2	35	..	192	..
1974	934	1	735	..	55	..	168	..
1975	1,338	1	306	..	110	..	144	..
1976	2,359	..	527	..	131	..	82	..
1977	685	..	80	13	80	..	33	..
1978	1,003	..	204	..	86	..	156	..
1979	713	..	142	..	70	..	130	..
1980	1,844	2	495	..	355	..	936	..
1979—								
Balasore	..	62	..	1	..	2	..	..
Balangir	..	6	..	1	..	6	..	..
Cuttack	..	31	..	..	..	..	14	..
Dhenkanal	..	102	..	64	..	26	..	38
Ganjam	..	14	..	6	..	3	..	3
Kalahandi	..	36	..	..	..	6	..	13
Keonjhar	..	28	..	..	..	5	..	1
Koraput	..	174	..	5	..	7	..	1
Mayurbhanja	..	15	..	..	..	8	..	..
Phulbani	..	117	..	47	..	..	..	85
Puri	..	19	..	2	..	6	..	3
Sambalpur	..	18	..	2	..	1	..	5
Sundargarh	..	91	..	14	..	..	..	..
1980—								
Balasore	..	527	..	62	..	116	..	390
Balangir	..	143	..	121	..	8	..	121
Cuttack	..	23	..	4	..	1	..	8
Dhenkanal	..	198	..	77	..	17	..	32
Ganjam	..	84	..	33	..	10	..	18
Kalahandi	..	104	..	31	..	157	..	42
Keonjhar	..	52	..	5	..	1	..	8
Koraput	..	2	..	..	..	..	..	..
Mayurbhanja	..	27	..	9	..	13	..	15
Phulbani	..	253	..	111	..	7	..	195
Puri	..	106	..	14	..	16	..	30
Sambalpur	..	66	..	6	..	6	..	6
Sundargarh	..	259	..	22	..	3	..	98

## V. MEDICAL AND FAMILY WELFARE

Table No. 507

Sickness of Prisoners in District Jails, Special Jails and Sub-Jails in Orissa—Concl'd.

Year/District	Debility		Ulcer		All Other Causes		All Causes	
	A.	D.	A.	D.	A.	D.	A.	D.
(1)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)
1971	52	..	61	..	3,155	1	6,206	2
1972	107	..	186	..	2,875	5	8,079	10
1973	113	..	116	..	3,199	2	8,853	5
1974	174	..	303	..	4,404	5	11,731	7
1975	243	1	274	..	4,088	..	13,997	11
1976	167	1	252	..	4,883	4	19,036	6
1977	90	5	64	..	2,360	5	7,566	27
1978	682	..	205	..	8,039	1	17,565	1
1979	537	..	407	..	9,873	..	18,181	..
1980	693	2	804	..	35,228	1	55,797	7
1979								
Balasore	2	..	..	..	80	..	317	..
Bolangir	8	..	2	..	65	..	181	..
Cuttack	44	..	14	..	371	..	693	..
Dhenkanal	52	..	1	..	393	..	1,217	..
Ganjam	..	..	..	..	211	..	410	..
Kalahandi	4	..	186	..	3,561	..	4,932	..
Keonjhar	6	..	1	..	80	..	240	..
Koraput	4	..	10	..	132	..	903	..
Mayurbhanj	..	..	9	..	47	..	351	..
Phulbani	416	..	175	..	4,556	..	7,688	..
Puri	..	..	2	..	109	..	283	..
Sambalpur	1	..	3	..	139	..	363	..
Sundargarh	..	..	4	..	126	..	607	..
1980								
Balasore	320	..	334	..	1,952	..	5,861	..
Bolangir	76	..	64	..	8,642	..	10,319	..
Cuttack	3	..	15	..	237	1	515	1
Dhenkanal	21	1	33	..	1,306	..	2,496	1
Ganjam	11	..	40	..	506	..	1,157	1
Kalahandi	..	..	51	..	1,167	..	2,188	..
Keonjhar	17	..	1	..	263	..	722	..
Koraput	1	1	..	..	182	..	600	3
Mayurbhanj	..	..	28	..	509	..	1,079	..
Phulbani	..	..	194	..	10,369	..	13,765	..
Puri	..	..	1	..	210	..	801	..
Sambalpur	..	..	21	..	541	..	1,152	1
Sundargarh	244	..	22	..	9,344	..	14,142	..

SOURCE—Concerned Jails &amp; Sub-Jails.

## VI. VITAL STATISTICS

Vital Statistics from its vital point of view deals with primarily the births and deaths of human population. This chapter on vital Statistics delineates the number of births, deaths and infant deaths registered according to sex, age in rural and urban areas in different tables with ten years data and district-wise break up of last two years.

The births and deaths are reported in the prescribed *pro forma* by individual household and hospital staff to the Registrar of births and deaths appointed for each municipality and N. A. C. in urban areas and each police-station in rural areas by Director of Health Services, Orissa, who is the Chief Registrar of births and deaths. The required information are furnished by the Registrars for their respective areas to the Chief District Registrar (C. D. M. O.) who in return furnish the same to the Chief Registrar in every month. These informations are compiled for the State monthly and annually by the Office of the Director of Health Services, Orissa and furnished to the Director-General of Civil Registration, Government of India.

**Birth Registered**—Total number of births registered in the State was 2·98 lakhs during the year 1980 as against 3·18 lakhs in the previous year recording 6·28 per cent decrease. Number of births in rural areas was 79 per cent and female births was 47·65 per cent of the total births registered during 1980. The male births per 1000 female births was 1,100 during the year as against 1,105 in the previous year. Among the districts Cuttack topped the list with 2·01 per cent and Phulbani the least with 0·23 per cent of births registered during 1980.

**Death Registered**—Total number of deaths registered during the year was 1·45 lakhs as against 1·60 lakhs in the previous year with 9·37 per cent decrease. Number of deaths in rural areas was 86 per cent and the number of female deaths was 46 per cent of the total deaths registered.

The male deaths per every 1,000 female deaths was 1,161 as against 1,142 during 1979.

**Infant death**—Infant deaths account for deaths of children before completion of one year of age. The total number of infant deaths during the year 1980 in the State was 16·7 thousands as against 21·5 thousand during the year 1979 recording 22·32 per cent decrease and the infant deaths were 11·51 per cent of the total deaths registered. The number of infant deaths in rural area was 78·09 per cent and the number of female infant death was 44·31 per cent of the total deaths of infant registered in the State. The male infant deaths per every one thousand female infant deaths was 1,237 in 1980 as against 1,273 during the previous year.

**Deaths by causes**—The deaths caused by different major diseases risking millions of human lives are cholera, respiratory disease, dysentery and diarrhoea. Number of persons died by dysentery and diarrhoea was reduced by 2·5 per cent and the deaths due to fever decreased by 12 per cent. The deaths due to these major diseases constituted 5·31 per cent, and 57·17 per cent respectively of the total deaths registered during 1980 and 1979.

**Deaths by age-group**—A brief review of deaths by age-groups reveals that the number of deaths in the age-group of 45—65 is highest recording 30 thousand and constituting nearly 20 per cent of the total deaths registered during the year 1980, followed by the age-group 75 and above having 27 thousand with 17 per cent and age-group 25—44 with 14 per cent and age-group 65—74 with 13 per cent and below one year with 10 per cent.

**Death due to snake bite and attack of wild animals**—The analysis of deaths due to snake bite and attack of wild animals in Orissa shows that major cases of loss of life are due to snake bite recording the total number of 351 in 1980 as against 371 during 1979 with a decrease of nearly 7 per cent followed by death due to attack of wild animals. The death due to snake bite accounts for 0·02 per cent of the total death registered during 1980.

## VI. VITAL STATISTICS

Table No. 6.01

Number of Births registered in different districts of Orissa

Year/District	Number of births registered					Number of males born to every 1000 females born
	Total	Rural	Urban	Male	Female	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971	275,553	236,289	39,264	143,193	132,360	1,082
1972	258,267	217,636	40,631	134,914	123,353	1,094
1973	213,451	169,849	43,602	111,714	101,737	1,098
1974	271,675	228,071	43,694	142,160	129,605	1,097
1975	294,567	252,610	41,957	153,707	140,860	1,091
1976	313,566	268,041	45,625	153,520	150,146	1,098
1977	310,301	260,976	49,325	162,108	148,193	1,094
1978	263,187	219,753	43,434	137,760	125,427	1,098
1979	318,645	258,812	59,833	167,304	151,341	1,105
1980	298,372	235,962	62,410	156,323	142,049	1,100
1979—						
Balasore ..	28,031	25,401	2,630	14,951	13,080	1,143
Bolangir ..	24,850	22,448	2,402	12,989	11,861	1,095
Cuttack ..	70,042	57,217	12,825	37,376	32,666	1,144
Dhenkanal ..	21,001	19,248	1,753	11,130	9,871	1,128
Ganjam ..	27,579	17,906	9,673	14,368	13,211	1,088
Kalahandi ..	17,877	16,943	934	9,251	8,626	1,072
Keonjhar ..	11,198	10,332	866	5,838	5,360	1,072
Koraput ..	15,768	12,635	3,133	8,041	7,727	1,041
Mayurbhanja ..	20,225	18,125	2,100	10,204	10,021	1,018
Phulbani ..	9,732	9,283	449	5,196	4,536	1,146
Puri ..	31,502	20,117	11,385	16,685	14,817	1,126
Sambalpur ..	27,256	21,799	5,457	14,275	12,981	1,100
Sundargarh ..	13,584	7,358	6,226	7,000	6,584	1,063
1980—						
Balasore ..	28,980	25,838	3,142	15,482	13,498	1,147
Bolangir ..	23,628	20,871	2,757	12,377	11,251	1,100
Cuttack ..	60,682	47,764	12,918	31,878	28,804	1,107
Dhenkanal ..	16,554	15,094	1,460	8,741	7,813	1,119
Ganjam ..	27,645	17,316	10,328	14,537	13,108	1,109
Kalahandi ..	16,774	15,760	1,014	8,582	8,192	1,048
Keonjhar ..	11,412	10,389	1,023	6,003	5,409	1,110
Koraput ..	13,736	10,754	2,982	7,121	6,615	1,076
Mayurbhanja ..	19,948	17,686	2,262	10,324	9,624	1,073
Phulbani ..	7,905	7,431	474	4,147	3,758	1,104
Puri ..	34,215	22,187	12,028	17,996	16,219	1,110
Sambalpur ..	23,295	17,829	5,466	12,167	11,128	1,093
Sundargarh ..	13,598	7,043	6,555	6,968	6,630	1,051

SOURCE—Director of Health Services, Orissa



## VI. VITAL STATISTICS

Table No. 6'02

Number of deaths registered in different districts of Orissa

Year/District (1)	Number of deaths registered					No. of males died to every 1,000 females died (7)
	Total (2)	Rural (3)	Urban (4)	Male (5)	Female (6)	
1971	1,35,639	1,24,655	10,984	70,699	64,940	1,089
1972	1,61,954	1,48,771	13,183	85,659	76,295	1,123
1973	1,23,450	1,10,554	12,896	66,444	57,006	1,166
1974	1,37,420	1,25,265	12,155	73,313	64,107	1,144
1975	1,66,803	1,54,417	12,386	90,219	76,586	1,187
1976	1,59,536	1,47,145	12,391	84,421	75,115	1,124
1977	1,70,206	1,54,717	15,489	90,197	80,009	1,127
1978	1,54,825	1,38,454	16,371	82,404	72,421	1,138
1979	1,60,047	1,40,634	19,413	85,343	74,704	1,142
1980	1,45,067	1,25,756	19,311	77,947	67,120	1,161
1979—						
Balasore	13,929	12,894	1,035	7,427	6,502	1,142
Balangir	10,975	10,167	808	5,706	5,269	1,083
Cuttack	33,012	28,648	4,364	17,395	15,617	1,114
Dhenkanal	10,652	9,922	730	5,355	5,297	1,011
Ganjam	16,362	13,337	3,025	8,570	7,792	1,100
Kalahandi	8817	8,429	388	4,787	4,030	1,188
Keonjhar	5,975	8,489	486	3,279	2,696	1,216
Koraput	10,957	9,827	1,130	6,365	4,592	1,386
Mayurbhanj	11,711	10,610	1,101	6,267	5,444	1,151
Phulbani	6,357	6,095	256	3,357	2,984	1,128
Puri	14,857	11,657	3,200	7,804	7,053	1,106
Sambalpur	12,176	10,345	1,831	6,688	5,488	1,219
Sundargarh	4,273	3,214	1,059	2,333	1,940	1,203
1980—						
Balasore	11,564	13,450	1,114	6,318	5,246	1,204
Balangir	11,617	10,706	911	6,182	5,435	1,137
Cuttack	22,965	18,685	4,280	12,176	10,789	1,137
Dhenkanal	9,843	9,140	703	4,062	4,781	1,059
Ganjam	15,495	12,617	2,878	8,262	7,233	1,142
Kalahandi	8,860	8,450	410	4,777	4,083	1,170
Keonjhar	5,693	5,223	470	3,085	2,608	1,183
Koraput	9,369	8,297	1,072	4,605	3,764	1,489
Mayurbhanj	11,152	10,072	1,087	5,179	4,979	1,243
Phulbani	5,890	5,665	225	3,109	2,781	1,118
Puri	14,313	11,189	2,124	7,642	6,671	1,146
Sambalpur	12,849	10,954	1,895	7,045	5,804	1,219
Sundargarh	5,457	4,303	1,149	2,505	2,952	849

SOURCE—Director of Health Services, Orissa

## VI. VITAL STATISTICS

Table No. 6'03

Number of Infant deaths registered in different district of Orissa

Year/District	Number of infant deaths registered					Number of males infants died to every 1,000 females infants died
	Total	Rural	Urban	Male	Female	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971	27,426	23,304	2,121	13,397	12,029	1,144
1972	22,646	20,330	2,316	12,116	10,530	1,151
1973	14,699	12,329	2,370	8,083	6,616	1,222
1974	16,922	14,775	2,147	9,010	7,912	1,139
1975	20,018	18,069	1,949	10,859	9,159	1,186
1976	21,320	19,093	2,227	11,457	9,863	1,162
1977	22,278	19,242	3,036	12,193	10,085	1,209
1978	19,072	15,860	3,212	10,474	8,598	1,285
1979	21,501	17,626	3,875	12,041	9,460	1,273
1980	16,716	13,052	3,664	9,246	7,470	1,237
1979—						
Balasore ..	2,167	1,989	178	1,194	873	1,227
Balangir ..	1,668	1,506	162	901	767	1,175
Cuttack ..	5,568	4,554	1,014	3,158	2,410	1,310
Dhenkanal ..	1,415	1,265	150	765	650	1,177
Ganjam ..	2,216	1,650	566	1,217	999	1,218
Kalahandi ..	783	700	83	463	320	1,447
Keonjhar ..	690	626	64	396	294	1,347
Koraput ..	830	677	153	457	373	1,225
Mayurbhanj ..	1,079	899	180	616	463	1,330
Phulbani ..	993	947	46	558	435	1,283
Puri ..	2,365	1,601	764	1,313	1,052	1,248
Sambalpur ..	1,240	942	298	710	530	1,340
Sundargarh ..	487	270	217	293	194	1,510
1980—						
Balasore ..	1,192	1,512	180	947	745	1,271
Balangir ..	1,190	1,031	159	627	563	1,114
Cuttack ..	4,127	3,165	962	2,265	1,864	1,214
Dhenkanal ..	888	765	123	477	411	1,161
Ganjam ..	1,891	1,387	504	1,020	871	1,172
Kalahandi ..	673	602	71	377	296	1,274
Keonjhar ..	572	502	70	323	249	1,297
Koraput ..	536	399	137	333	203	1,640
Mayurbhanj ..	795	633	162	456	339	1,345
Phulbani ..	761	709	52	419	342	1,225
Puri ..	2,030	1,357	673	1,101	929	1,185
Sambalpur ..	1,037	734	303	599	438	1,368
Sundargarh ..	524	256	268	304	220	1,382

SOURCE—Director of Health Services, Orissa

## VI. VITAL STATISTICS

Table No. 6.04

Deaths by causes in Rural/Urban areas of Orissa

Year/District	Cholera			Small pox		
	Rural	Urban	Total	Rural	Urban	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971	242	3	245	416	1	417
1972	312	..	312	209	..	209
1973	102	1	103	260	63	323
1974	58	7	65	444	52	496
1975	86	..	86	36	1	37
1976	31	3	34	..	..	..
1977	58	..	58	..	..	..
1978	26	..	26	..	—	..
1979	7	1	8	..	..	..
1980	3	..	3	..	..	..
1979—						
Balasore	..	..	..	..	..	..
Balangir	..	..	..	..	..	..
Cuttack	7	..	7	..	..	..
Dhenkanal	..	..	..	..	..	..
Ganjam	..	1	1	..	..	..
Kalahandi	..	..	..	..	..	..
Keonjhar	..	..	..	..	..	..
Koraput	..	..	..	..	..	..
Mayurbhanj	..	..	..	..	..	..
Phulbani	..	..	..	..	..	..
Puri	..	..	..	..	..	..
Sambalpur	..	..	..	..	..	..
Sundargarh	..	..	..	..	..	..
1980—						
Balasore	..	..	..	..	..	..
Balangir	..	..	..	..	..	..
Cuttack	3	..	3	..	..	..
Dhenkanal	..	..	..	..	..	..
Ganjam	..	..	..	..	..	..
Kalahandi	..	..	..	..	..	..
Keonjhar	..	..	..	..	..	..
Koraput	..	..	..	..	..	..
Mayurbhanj	..	..	..	..	..	..
Phulbani	..	..	..	..	..	..
Puri	..	..	..	..	..	..
Sambalpur	..	..	..	..	..	..
Sundargarh	..	..	..	..	..	..

## VI. VITAL STATISTICS

Table No. 6-04—Contd.

Deaths by causes in Rural/Urban areas of Orissa

Year/District	Dysentery and Diarrhoea			Respiratory diseases		
	Rural	Urban	Total	Rural	Urban	Total
(1)	(8)	(9)	(10)	(11)	(12)	(13)
1971	8,584	479	9,063	4,074	708	4,782
1972	11,132	1,190	12,322	3,432	554	3,986
1973	6,320	932	7,252	2,021	359	2,380
1974	7,856	782	8,647	2,332	658	2,990
1975	10,053	1,042	11,095	2,950	834	3,784
1976	9,017	697	9,714	2,884	1,184	4,068
1977	10,422	764	11,186	4,026	1,538	5,564
1978	6,786	796	7,582	3,182	1,617	4,799
1979	9,210	1,110	10,320	3,744	2,283	6,027
1980	6,957	812	7,769	2,904	1,027	3,931
1979						
Balasore	145	78	223	85	125	210
Balangir	130	20	150	166	23	189
Cuttack	4,592	360	3,952	1,085	172	1,257
Dhenkanal	480	12	492	102	6	108
Ganjam	835	125	960	561	1,211	1,772
Kalahandi	97	16	113	203	39	242
Keonjhar	99	17	176	30	27	57
Koraput	614	45	659	330	143	473
Mayurbhanj	314	57	371	225	144	369
Phulbani	355	16	371	123	..	123
Puri	814	248	1,062	425	134	559
Sambalpur	536	81	617	347	209	556
Sundargarh	199	35	234	62	50	112
1980						
Balasore	104	60	164	61	47	108
Balangir	275	70	345	225	63	288
Cuttack	2,096	117	2,213	455	96	551
Dhenkanal	365	24	389	118	15	133
Ganjam	1,112	103	1,215	548	279	827
Kalahandi	119	11	130	234	21	255
Keonjhar	74	13	87	17	4	21
Koraput	554	66	620	332	190	522
Mayurbhanj	247	28	275	135	6	141
Phulbani	364	15	379	102	21	123
Puri	877	206	1,083	371	73	444
Sambalpur	573	76	649	265	200	465
Sundargarh	197	23	220	41	12	53

## VI. VITAL STATISTICS

Table No. 6-04—Contd.

Deaths by causes in Rural/Urban areas of Orissa

Year/District	Fevers			Accidents and injuries		
	Rural	Urban	Total	Rural	Urban	Total
(1)	(14)	(15)	(16)	(17)	(18)	(19)
1971	80,423	1,794	82,217	2,979	199	3,178
1972	102,054	2,726	1,04,780	2,155	196	2,351
1973	77,352	2,326	79,678	1,392	295	1,768
1974	84,029	1,525	85,554	1,734	346	2,080
1975	1,06,705	1,460	1,08,165	2,122	311	2,433
1976	88,464	1,308	89,772	2,354	319	2,673
1977	1,06,198	1,234	1,07,432	2,293	313	2,606
1978	92,224	1,175	93,399	2,271	346	2,617
1979	91,912	2,003	93,915	2,248	452	2,700
1980	81,161	1,796	82,957	2,086	529	2,615
1979—						
Balasore	11,316	582	11,898	323	62	385
Balangir	8,709	149	8,858	55	14	69
Cuttack	10,529	26	10,555	547	9	556
Dhenkanal	6,645	30	6,675	132	5	137
Ganjam	8,985	228	9,213	87	26	113
Kalahandi	7,387	113	7,500	124	20	144
Keonjhar	4,705	47	4,752	79	16	95
Koraput	6,242	122	6,364	78	36	114
Mayurbhanj	8,659	36	8,695	230	21	251
Phulbani	4,559	25	4,584	90	9	99
Puri	5,958	381	6,339	209	60	269
Sambalpur	6,320	221	6,541	143	81	224
Sundargarh	1,898	43	1,941	51	93	144
1980—						
Balasore	9,235	125	9,361	314	61	375
Balangir	7,804	272	8,076	79	25	104
Cuttack	5,848	25	5,873	418	73	491
Dhenkanal	5,891	28	5,919	122	9	131
Ganjam	8,059	267	8,326	118	58	176
Kalahandi	7,298	64	7,362	114	9	123
Keonjhar	4,573	45	4,618	124	13	137
Koraput	5,659	322	5,985	149	26	175
Mayurbhanj	8,375	10	8,385	209	23	232
Phulbani	4,301	23	4,324	84	8	92
Puri	5,829	331	6,160	198	84	282
Sambalpur	6,387	264	6,651	98	52	150
Sundargarh	1,902	19	1,921	59	88	147

## VI. VITAL STATISTICS

Table No. 6·04—*Concl'd.*

Deaths by causes in Rural/Urban areas of Orissa

Year/District		All other causes			All causes		
		Rural	Urban	Total	Rural	Urban	Total
(1)		(20)	(21)	(22)	(23)	(24)	(25)
1971	..	27,937	7,800	35,737	1,24,655	10,984	1,35,639
1972	..	29,477	8,517	37,994	1,48,771	13,183	1,61,954
1973	..	23,107	8,884	31,991	1,10,554	12,896	1,23,450
1974	..	28,803	8,785	37,588	1,25,265	12,155	1,37,420
1975	..	32,130	8,973	41,103	1,54,417	12,386	1,66,803
1976	..	44,395	8,880	53,275	1,47,145	12,391	1,59,536
1977	..	31,776	11,584	43,360	1,54,773	15,433	1,70,206
1978	..	33,965	12,437	46,402	1,38,454	16,371	1,54,825
1979	..	33,044	14,033	47,077	1,40,638	19,882	1,60,047
1980	..	32,645	15,147	47,792	1,25,756	19,311	1,45,067
1979—							
Balasore	..	1,025	657	1,682	12,894	1,504	14,398
Balangir	..	1,107	602	1,709	10,167	808	10,975
Cuttack	..	11,888	3,797	15,648	28,648	4,364	33,012
Dhenkanal	..	2,563	677	3,240	9,922	730	19,652
Ganjam	..	2,869	1,434	4,303	13,337	3,025	16,362
Kalahandi	..	618	200	818	8,429	388	8,817
Keonjhar	..	577	379	956	5,490	486	5,976
Koraput	..	2,466	784	3,250	9,830	1,130	10,960
Mayurbhanj	..	1,182	843	2,025	10,610	1,101	11,711
Phulbani	..	968	205	1,174	6,095	256	6,351
Puri	..	4,251	2,377	6,628	11,657	3,200	14,857
Sambalpur	..	2,526	1,239	3,765	10,345	1,831	12,176
Sundargarh	..	1,004	838	1,842	3,214	1,059	4,273
1980—							
Balasore	..	736	820	1,556	10,450	1,114	11,564
Balangir	..	2,323	481	2,804	10,706	911	11,617
Cuttack	..	10,865	3,969	14,834	19,685	4,280	23,965
Dhenkanal	..	2,644	627	3,271	9,140	703	9,843
Ganjam	..	2,780	2,171	4,951	12,617	2,878	15,495
Kalahandi	..	685	305	990	8,450	410	8,860
Keonjhar	..	435	395	830	5,223	470	5,693
Koraput	..	1,603	468	2,071	8,297	1,072	9,369
Mayurbhanj	..	1,106	1,013	2,119	10,072	1,080	11,152
Phulbani	..	814	158	972	5,665	225	5,890
Puri	..	3,914	2,430	6,344	11,189	3,124	14,313
Sambalpur	..	3,631	1,303	4,934	80,954	1,895	12,849
Sundargarh	..	1,109	1,007	2,116	3,303	1,149	4,457

SOURCE—Director of Health Services, Orissa

## VI. VITAL STATISTICS .

Table No. 6'05

Deaths by age and sex in Orissa (Revised age-group)

Year/ District	Below one year		1—4		5—14	
	Male	Female	Male	Female	Male	Female
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1976 ..	11,457	9,863	7,614	7,114	7,783	7,223
1977 ..	12,193	10,085	7,766	6,995	7,273	6,574
1978 ...	10,474	8,598	6,915	6,262	5,978	5,374
1979 ..	12,001	9,490	7,547	7,100	6,450	5,735
1980 ..	6,246	7,470	5,994	5,447	5,822	4,861
1979—						
Balasore ..	1,194	973	626	597	374	329
Balangir ..	901	767	409	403	493	405
Cuttack ..	3,158	2,410	1,511	1,423	997	374
Dhenkanal ...	765	650	565	603	470	474
Ganjam ..	1,217	969	857	895	619	464
Kalahandi ..	463	320	479	413	499	464
Keonjhar ..	396	294	394	330	322	260
Koraput ..	457	453	594	459	797	650
Mayurbhanj ..	576	413	454	420	495	434
Phulbani ..	558	435	361	355	317	276
Puri ..	1,313	1,052	624	602	475	458
Sambalpur ..	710	530	489	418	400	331
Sundargarh ..	293	194	184	182	192	175
1980—						
Balasore ...	947	745	481	449	290	277
Balangir ..	627	563	435	461	447	352
Cuttack ..	2,263	1,864	831	792	677	544
Dhenkanal ..	477	411	478	475	449	407
Ganjam ..	1,020	871	734	685	715	553
Kalahandi ..	377	296	354	337	510	438
Keonjhar ..	323	249	372	321	298	283
Koraput ..	333	203	443	355	704	502
Mayurbhanj ..	456	339	410	365	418	347
Phulbani ..	419	342	302	274	270	262
Puri ..	1,101	929	480	425	482	410
Sambalpur ..	559	438	451	363	390	335
Sundargarh ...	304	220	173	155	171	151

## VI. VITAL STATISTICS

Table No. 6-05—Contd.

Deaths by age and sex in Orissa (Revised age-group)

Year/ District	(1)	15—24		25—44		45—64	
		Male (8)	Female (9)	Male (10)	Female (11)	Male (12)	Female (13)
1976	..	5,464	5,651	11,469	10,674	16,976	13,039
1977	..	4,665	4,827	11,976	11,301	19,596	15,128
1978	..	4,466	4,567	11,979	10,952	18,150	13,826
1979	..	4,253	4,922	11,309	13,681	18,756	14,584
1980	..	3,909	4,506	10,671	10,841	17,752	12,844
1979—							
Balasore	..	281	450	646	796	1,514	1,209
Balangir	..	255	319	825	804	1,304	1,117
Cuttack	..	683	951	1,473	1,827	3,592	2,914
Dhenkanal	..	279	353	631	696	1,166	985
Ganjam	—	435	380	1,218	976	1,701	1,391
Kalahandi	..	256	262	936	730	1,285	941
Keonjhar	..	244	248	513	462	691	491
Koraput	..	316	329	1,428	967	1,544	894
Mayurbhanj	—	399	315	1,105	977	1,624	1,147
Phulbani	..	242	310	405	487	770	615
Puri	..	310	234	745	804	1,454	1,267
Sambalpur	..	352	317	893	837	1,602	1,264
Sundargarh	—	201	154	391	323	509	347
1980—							
Balasore	..	271	439	554	677	1,375	952
Balangir	..	278	314	830	765	1,539	1,250
Cuttack	..	527	697	1,130	2,452	2,339	1,709
Dhenkanal	..	258	342	688	739	1,090	953
Ganjam	..	395	387	1,127	920	1,646	1,222
Kalahandi	..	238	289	871	726	1,407	1,001
Keonjar	—	163	200	481	443	722	477
Koraput	..	393	374	1,337	837	1,379	758
Mayurbhanj	..	373	425	1,035	954	1,682	1,047
Phulbani	..	155	171	515	475	833	572
Puri	..	435	416	838	765	1,368	1,160
Sambalpur	..	274	287	888	746	1,762	1,370
Sundargarh	..	149	165	377	342	610	323



## VI. VITAL STATISTICS

Table No. 6'05—Concl'd.

Deaths by age and sex in Orissa (Revised age-group)

Year/ District	(1)	65—74		75 and above		All ages	
		Male	Female	Male	Female	Male	Female
		(14)	(15)	(16)	(17)	(18)	(19)
1976	..	11,065	10,319	12,597	11,232	84,421	75,115
1977	..	12,355	11,696	14,373	13,403	90,197	80,009
1978	...	9,513	8,810	14,929	14,032	82,404	72,421
1979	..	10,342	9,618	14,580	12,679	85,238	74,809
1980	..	10,005	8,795	14,512	12,392	77,911	67,156
1979—							
Balasore	..	1,224	1,034	1,468	1,114	7,327	6,502
Balangir	..	579	557	940	897	5,706	5,269
Cuttack	..	2,500	2,344	3,343	2,861	17,257	15,617
Dhenkanal	..	646	703	933	833	5,455	5,297
Ganjam	..	1,091	1,096	1,432	1,463	8,570	7,792
Kalahandi	..	336	289	565	540	4,819	4,029
Keonjhar	..	320	285	401	358	3,291	2,728
Koraput	..	527	324	620	477	6,283	4,555
Mayurbhanj	..	764	706	901	849	6,318	5,456
Phulbani	..	211	232	440	364	3,404	3,074
Puri	..	1,043	997	1,764	1,513	7,728	7,027
Sambalpur	..	881	815	1,354	1,011	6,681	5,523
Sundargarh	..	210	166	419	399	2,399	1,940
1980—							
Balasore	..	1,115	843	1,285	864	6,318	5,246
Balangir	..	768	718	1,208	1,012	6,182	5,435
Cuttack	...	1,650	1,589	2,613	2,272	12,030	11,919
Dhenkanal	..	624	654	998	800	5,062	4,781
Ganjam	..	995	997	1,630	1,600	8,262	7,235
Kalahandi	...	385	377	635	569	4,777	4,083
Keonjhar	..	287	254	439	381	3,085	2,608
Koraput	..	427	335	599	414	5,615	3,768
Mayurbhanj	..	810	632	995	864	6,179	9,473
Phulbani	..	288	229	427	356	3,209	4,973
Puri	..	1,089	969	1,848	1,597	7,642	6,671
Sambalpur	..	1,172	1,009	1,509	1,250	7,045	5,804
Sundargarh	..	249	189	472	407	2,505	1,952

SOURCE—Director of Health Services, Orissa

## VI. VITAL STATISTICS

Table No. 606

Deaths due to snakebite and attack of wild animals in Orissa

Year/District	No. of districts reported	Deaths due to snake bite	Death due to attack of wild animals				Total	
			Elephants	Tigers leopards and panthers	Bears and wolves	Other wild animals		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1971	..	13	439	5	7	22	17	51
1972	..	13	372	12	3	27	40	82
1973	..	13	402	7	3	31	23	64
1974	..	13	425	10	10	20	24	64
1975	..	13	503	7	12	31	25	75
1976	..	12	411	9	5	22	11	47
1977	..	13	485	12	7	19	10	48
1978	..	13	408	13	33	13	7	66
1979	..	13	376	9	5	18	47	79
1980	..	13	351	9	4	26	22	61
1979—								
Balasore	..	..	22	..	..	..	..	..
Balangir	..	..	..	..	..	..	..	..
Cuttack	..	..	58	..	..	..	32	32
Dhenkanal	..	..	13	..	..	1	7	8
Ganjam	..	..	7	3	1	3	3	10
Kalahandi	..	..	37	..	..	3	..	3
Keonjhar	..	..	38	..	..	..	2	2
Koraput	..	..	93	..	2	7	..	9
Mayurbhanj	..	..	31	1	1	1	3	3
Phulbani	..	..	2	..	1	..	3	4
Puri	..	..	23	2	..	..	..	2
Sambalpur	..	..	41	2	..	3	..	5
Sundargarh	..	..	11	1	..	..	..	1
1980—								
Balasore	..	..	13	..	..	..	..	..
Balangir	..	..	..	..	..	..	..	..
Cuttack	..	..	40	..	..	..	15	..
Dhenkanal	..	..	21	..	..	..	..	..
Ganjam	..	..	9	..	..	..	6	6
Kalahandi	..	..	19	..	..	3	..	3
Keonjhar	..	..	42	2	..	7	..	9
Koraput	..	..	83	..	3	6	..	..
Mayurbhanj	..	..	47	..	..	2	..	2
Phulbani	..	..	3	1	1	2	..	4
Puri	..	..	20	4	..	1	1	6
Sambalpur	..	..	41	2	..	3	..	5
Sundargarh	..	..	..	..	..	2	..	2

SOURCE—Director of Health Services

## VII. AGRICULTURE

The Statistical tables presented in this chapter contain information regarding pattern of land utilisation, area, production and yield rate per hectare of different crops. Index numbers of area and agricultural production, number of holding and area operated by size classes of operational holdings, consumption of Chemical Fertilisers, number of agricultural implements in use and cropped area irrigated by sources in the State of Orissa. Agriculture is the main economic activity of the rural areas in the State where 88 per cent of the total population reside and 74.5 per cent of the total workers are cultivators and agricultural labourers who derive their livelihood from agriculture. Hence Agriculture plays an important role in the economic development of the state.

**Land Utilisation**—The pattern of land utilisation in State has been classified into the following eight categories.

(i) *Area under forest*—It includes area actually forested or lands classed or administered as forest under any legal enactment dealing with forests whether, state owned or private and whether wooded or maintained as potential forest land. The area of crops raised in the forest and grazing within the forest are also included under the forest area. These figures in this chapter do not tally with the corresponding of area given in Chapter IX. Because the figures presented in the agricultural statistics generally relate to the agricultural year (July—June) where as the forest statistics generally relate to the financial year (April—March). In the forest statistics returns, the whole area including non-wooden under the control of Forest Departments is taken an area under forests while in agricultural statistics it is classified according to its actual utilisation. Forest Department reports area expected to cover all forest area in the State but agricultural statistics relate only to the the "Reporting Areas".

(ii) *Area not available for cultivation*—It is the type of land which is absolutely barren or uncultivable or covered by buildings, water, roads, railways, mountains, deserts or otherwise appropriated for non-agricultural purposes.

(iii) *Permanent pastures and other grazing lands*—These cover all grazing lands whether they are permanent pastures and meadows or village common grazing lands within forest areas.

(iv) *Cultivable waste land*—It includes all lands available for cultivation or taken up for cultivation but not cultivated for past five years or more in succession.

(v) *Land under miscellaneous tree crops and groves*—It is not included in the net area sown and includes all cultivable land not included under net area sown but put to some agricultural use. Land under casari trees and other groves for fuel etc., which are not included under orchards are also included in this category.

(vi) *Fallow Land*—These are lands which were not taken up for cultivation for a period not more than five years. These have been split up into (i) Current fallow, (ii) Other than current fallow land lying fallow up to a period of one year included under "Current fallow" and those lying fallow for more than one year but less than five years are included under "Other than current fallow".

(vii) *Net area sown*—Area sown more than once but taken only once.

(viii) *Area sown more than once*—If different crops are raised in a year on a given land, the same area is accounted for each crop.

The total geographical area of the State according to the village papers in the year 1980-81 is 15,540 thousand hectares out of which the net area sown is 39.4 per cent, forest area is 42.7 per cent and the rest 17.9 per cent is shared by area not available for cultivation, permanent pastures, cultivable wastes, fallow land and land under miscellaneous tree crops.

The area sown more than once in this year is 42.7 per cent of the net area sown. Koraput district is in the top in respect of net area sown followed by Cuttack and Sambalpur districts. But Cuttack district heads the list in respect of area sown more than once followed by Ganjam and Puri districts. This shows the double and multiple cropping pattern in practice to a great extent in Cuttack, Ganjam and Puri districts.

**Cropping Pattern**—The main food crop of the State is rice having an area of 41.91 lakh hectares in the year 1980-81 which constitute about 61 per cent of the total area under food crops. The other major food crops are ragi, small millets, maize and wheat. The area under wheat has increased from 21 thousand hectares in 1970-71 to 67 thousand hectares in 1980-81. This shows the increasing interest of cultivators in whea

cultivation. The area under all foodgrain crops increased from 59.5 lakh hectares in 1970-71 to 60.08 lakh hectares in 1980-81 whereas the area under rice has come down from 46.46 lakh hectares in 1970-71 to 41.91 lakh hectares in 1980-81. The rice area during the year 1979-80 was 74 thousand hectares less. The *per capita* cultivated area under food crops was 0.26 hectares during the year 1980-81.

**Production** - The production of food crops during the year 1980-81 is 59.77 lakh metric tonnes as against 38.72 lakh metric tonnes in the previous year. Thus the increase in production of food crops is 54.38 per cent during the year 1980-81. Similarly there is an increase trend in production of oil-seeds and miscellaneous crops. But the production of fibre in the year 1980-81 is 2.3 lakh metric tonnes less than the previous year. The production of rice has increased by 37.31 per cent during the last decade, whereas the increase in production of wheat is more than 100 per cent during the same period. Ragi also shows a notable increase of 80.8 per cent during the year 1980-81 over 1979-80. The *per capita* production of foodgrain crops was about 230 Kgs. during the year 1980-81. The production of oil-seeds crops during the year 1980-81 shows an increase of 99.5 per cent over the production in the year 1971-72 and 73.8 per cent over that of the previous year. This shows that people are interested for cultivating oil-seeds crops. The impressive growth in the production of non-food crops can be largely attributed to success of plan efforts in the development of commercial crops. The demand of foodgrains in the State was in order of 48 lakh tonnes in the year 1980-81 @  $\frac{1}{2}$  Kg. per head per day as against production of 60 lakh tonnes.

**Average yield**—The yield rate of almost all the crops has increased due to adoption of improved agricultural practices, use of chemical fertilisers and increase in irrigation facility.

The yield rate of wheat in 1980-81 has shown an increase of 12.8 per cent and yield rate of winter rice has increased by about 112 per cent over yield rate in previous year.

**Method of estimation** :—The data on area, production and yield rate of rice with break up Autumn Winter and Summer are estimated from the sample survey conducted by Bureau of Statistics and Economic, Orissa—Production of fibres collected in bales is being taken as one bale is equal to 180 Kgs.

**Index number of area and agricultural production** :—The annual index numbers of area and production of different crops have been constructed taking the triennium ending 1969-70 as the base year. No specific weightage has been given to different crops. This covers twenty three different crops which have been divided into 2 major groups namely, foodgrains which included all cereals and pulses and non-food grains which include three sub groups such as oil seeds fibres and miscellaneous crops covering tobacco, sugarcane, potatoes, chillies (dry) and ginger (dry). Such indices are constructed with a view to know the change in area and production of the said agricultural commodities from year to year. The Index numbers of area and production of all crops during the year 1980-81 are respectively 127.85 and 131.26 as against 120.10 and 88.16 in the previous year. In respect of area, bajra, wheat, and Cotton have been grown in large areas in comparison to those in the 1971-72. Similarly production of bajra, wheat, cotton and chillies has very much increased.

**Size of land holdings**—As per 1976-77 Agricultural Census, the total number of operational holding in the State is 35.8 lakhs as against the total holding of 34.1 lakhs as per 1970-71 Agricultural Census. Thus the operational holdings have increased by 5 per cent whereas the areas of the operational holdings have been decreased from 64.5 lakh hectares to 57.3 lakh hectares. The average size of an operational holding is 1.6 hectares. The number of holdings in the size class of below 1.00 hectares is 16.7 lakhs which is 46.59 per cent of the total holdings. The next size class 1.00 to 1.99 hectares covers 29.11 percent and the rest 3 size classes i. e. 2.00 to 3.99 hectares 4.00 to 9.99 hectares and 10.00 hectares and above, cover 24.30 percent of the total holdings. This shows that 75.70 per cent of the total holdings comes under the size class of below 1.99 hectares.

**Consumption Fertilisers** —Chemical Fertilisers are badly required to maintain the fertility of the soil to get high yield rate. The total consumption of fertilisers (all groups) during the year 1980-81 has increased by 41.9 per cent over the consumption in 1971-72 and by 13.3 per cent over the consumption of previous year. Quantity of fertilisers used per hectare of cropped area was 8.74 Kgs. in the State during the year 1980-81. The percentage of increase in consumption of phosphatic fertilisers during 1980-81 was 89.2 per cent over the consumption in 1971-72 whereas the increase of nitrogen fertilisers is 38.05 percent and the potassic fertilisers is to the tune of 10.12 per cent.

**Agricultural Implements** —Among the agricultural implements in use according to 1977 census number of ploughs is highest being 32.9 lakhs as against 27.9 lakhs during the previous census year 1972. Adoption of improved practices in the field of agriculture has resulted in increase of iron plough to the tune of 91 per cent during the year 1977 census over those of 1972 census whereas there is only 37.8 per cent increase in respect of wooden plough. The number of the oil engines used during the year 1977 is 43,247 as against 5,579 during the year 1972. The increase is about 8 times. The number of sugarcane crushers worked by bullocks and ghanies have decreased to a great extent.

**Irrigation**—Timely and assured water supply to crops is the most essential factor for increasing agricultural production. But this State is poor in this operation. During the year 1980-81, 16.8 lakh hectares of cropped areas have been irrigated as against 16.2 lakh hectares in the previous year from all sources. This constitutes about 21 per cent of the total cropped area in the State. During the year 1980-81, out of 168 lakh hectares, 11.1 lakh hectares have been irrigated through major and medium irrigation projects. Among the districts cropped areas irrigated both during the kharif and rabi seasons of 1980-81 are largest having 2.2 lakhs hectares and 1.3 lakhs hectares respectively in the Cuttack district followed by Puri, Ganjam and Sambalpur districts. The irrigated cropped areas of these four districts are about 69.8 per cent of the total irrigated cropped areas in the State. In the district of Ganjam, largest cropped areas (one lakh hectares) have been irrigated by the minor irrigation projects (flow) during the year 1980-81.

**Constraints in Agricultural Development**—Agriculture is the main stay of the State's Economy. Farm production and productivity have remained more or less stagnant. A comprehensive programme to develop this vital sector has been initiated. About 45 per cent of the annual State plan outlays, goes to the agriculture (including irrigation) sector. A plan to double the irrigated area by the end of 7th plan has been launched. Emphasis has been laid on compact area programme, crop insurance, multiple cropping, dry land farming and augmenting availability of better inputs through a well coordinated delivery system. Many constraints have come in the way of improvement in agriculture, the most important being natural calamities. Almost every year the State is affected either by a cyclone, or flood or drought reducing the kharif crops to a great extent.

The second constraint is lack of diversification in agriculture. It is more or less dominated by rice, of the area under cultivation, about 66 per cent is covered by rice. Next to rice are pulses which account for about 15 per cent and oil seeds which account for about 7 per cent. The 3rd is lack of irrigation facilities. Orissa has to depend on monsoon for its kharif crop. During kharif period most of the land is under rice. Heavy rainfall becomes a liability. No technological change is possible when there is heavy rainfall or no rain at all. Orissa produces on an average about 42 lakh tonnes of rice during kharif season and 3 lakh tonnes of rice during rabi season.

The other constraints are traditional methods of cultivation and predominance of small and marginal farmers. The use of modern technology to increase farm output is said to be size neutral and not resource neutral.

The small and marginal farmers are therefore not in a position to avail themselves of the modern technology to improve their yields. Due to lack of an industrial base and over dependence on agriculture there have been heavy fragmentation and subdivision of holdings. The average size of holdings is two hectares in Orissa about 77 per cent of the work force are engaged in agriculture and 6 per cent in industries. Unless there is diversion from agriculture to industries and other non-farm occupations improvement cannot be expected. In most developed countries agriculture has made rapid progress by diversion to other non-farm sectors. The increased farm size enabled the farmers to utilise modern technology.

**Programme for Improvement**—The success of agriculture in Orissa depends upon proper water management in irrigated areas, use of short duration of paddy and timely supply of input. A mini kit programme has been started. Under this scheme, seed kits of non-paddy crops along with fertilisers are given to poor farmers. Besides, this each village agriculture worker will have to sell seed packets at subsidized rate to the farmers of his area. The emphasis is to distribute seed varieties which mature within 120 days.

## VII. AGRICULTURE

Table No. 7-01

Pattern of land utilisation in Orissa (In '000 Hectares)

Year/District	Total reported area according to village papers for land utilisation purposes	Classification of reported area				
		Forest	Not available for cultivation	permanent pastures and other grazing lands	Cultivable waste	Land under miscellaneous tree crops (Not included in net area sown)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971-72 ..	15,540	6,088	840	537	435	616
1972-73 ..	15,540	6,088	880	543	455	619
1973-74 ..	15,540	6,088	880	543	426	619
1974-75 ..	15,540	6,088	880	543	426	619
1975-76 ..	15,540	6,359	880	537	356	491
1976-77 ..	15,540	6,655	827	537	280	489
1977-78 ..	15,540	6,655	827	537	268	489
1978-79 ..	15,540	6,655	836	534	260	489
1979-80 ..	15,540	6,640	890	560	264	420
1980-81 ..	15,540	6,640	897	560	249	423
1979-80						
Balasore ..	647	40	71	26	20	25
Balangir ..	883	213	63	40	50	14
Cuttack ..	1,089	140	106	38	13	30
Dhenkanal ..	1,092	454	58	45	7	40
Ganjam ..	1,220	569	63	38	5	30
Kalahandi ..	1,158	527	34	41	7	30
Keonjhar ..	831	407	42	38	9	6
Koraput ..	2,702	1,400	140	94	30	90
Mayurbhanj ..	1,040	468	71	30	6	13
Phulbani ..	1,104	829	16	4	5	5
Puri ..	1,046	343	79	57	35	27
Sambalpur ..	1,749	701	111	70	67	100
Sundargarh ..	979	549	36	39	10	10
1980-81						
Balasore ..	647	40	70	26	20	26
Balangir ..	883	213	65	40	47	14
Cuttack ..	1,089	140	106	38	10	30
Dhenkanal ..	1,092	454	58	45	7	40
Ganjam ..	1,220	569	63	38	5	30
Kalahandi ..	1,158	527	35	41	5	30
Keonjhar ..	831	407	43	38	9	6
Koraput ..	2,702	1,400	139	94	30	91
Mayurbhanj ..	1,040	468	72	30	6	13
Phulbani ..	1,104	829	17	4	5	5
Puri ..	1,046	343	80	57	32	27
Sambalpur ..	1,749	701	112	70	63	101
Sundargarh ..	979	549	37	39	10	10

## VII. AGRICULTURE

Table No. 7-01—Concl'd.

Pattern of land utilisation in Orissa (In '000 hectares)

Period and District	Classification of reported area			Net area sown	Areas sown more than once	Total cropped area
	Fallow land					
	Other than current fallow	Current fallow	Total			
(1)	(8)	(9)	(10)	(11)	(12)	(13)
1971-72 ..	247	1,012	1,259	5,765	1,109	6,874
1972-73 ..	242	1,091	1,333	5,622	1,314	6,936
1973-74 ..	185	826	1,011	5,973	1,311	7,284
1974-75 ..	225	1,040	1,265	5,719	1,415	7,134
1975-76 ..	225	555	780	6,137	1,596	7,733
1976-77 ..	157	718	875	5,877	1,332	7,209
1977-78 ..	139	628	767	5,997	1,934	7,931
1978-79 ..	138	531	669	6,097	2,178	8,275
1979-80 ..	207	589	796	5,970	2,196	8,166
1980-81 ..	189	452	641	6,130	2,616	8,746
1979-80						
Balasore ..	8	26	34	431	157	588
Balangir ..	38	68	106	397	122	519
Cuttack ..	25	85	110	652	534	1,186
Dhenkanal ..	10	68	78	410	105	515
Ganjam ..	10	30	40	475	279	754
Kalahandi ..	5	16	21	498	197	695
Keonjhar ..	10	30	40	289	55	344
Koraput ..	23	90	113	835	152	987
Mayurbhanj ..	5	9	14	438	66	504
Phulbani ..	5	18	23	222	71	293
Puri ..	16	20	36	469	298	767
Sambalpur ..	32	79	101	589	145	734
Sundargarh ..	20	50	70	265	15	280
1980-81						
Balasore ...	8	21	29	436	154	590
Balangir ..	35	51	86	418	137	555
Cuttack ...	20	48	68	697	530	1,227
Dhenkanal ..	21	68	89	399	124	523
Ganjam ..	5	10	15	500	350	850
Kalahandi ..	5	6	11	504	248	757
Keonjhar ...	10	32	42	286	55	341
Koraput ..	20	65	85	863	235	1,098
Mayurbhanj ..	10	23	33	418	78	496
Phulbani ..	5	8	13	231	106	337
Puri ..	10	20	30	477	343	820
Sambalpur ..	20	60	80	622	190	812
Sundargarh ..	20	40	60	274	66	340

SOURCE—Directorate of Agriculture &amp; Food Production, Orissa

## VII. AGRICULTURE

Table No. 7-02

Area under different crops in Orissa

(In hectares)

Year/ district	Food—grains Cereals					
	Autumn Rice	Winter Rice	Summer Rice	Total Rice	Jowar	Bajara
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971-72	8,47,000	36,37,000	1,62,020	46,46,020	19,256	3,997
1972-73	7,69,000	35,24,000	1,82,840	44,75,840	20,899	3,396
1973-74	8,45,000	37,25,000	1,63,510	47,33,510	22,332	4,066
1974-75	6,97,000	35,79,000	1,56,010	44,32,010	24,364	4,926
1975-76	7,58,000	37,46,000	1,80,100	46,84,100	23,571	5,815
1976-77	7,78,000	34,29,000	1,72,520	43,79,530	33,370	6,218
1977-78	8,39,000	33,77,000	1,88,600	44,04,600	35,425	7,097
1978-79	9,14,000	32,93,000	1,64,980	43,71,980	32,988	8,201
1979-80	8,79,000	30,95,000	1,42,570	41,16,570	22,655	8,324
1980-81	8,65,000	31,54,000	1,71,710	41,90,710	36,635	9,450
1979-80						
Balasore ..	4,000	3,84,000	11,410	3,99,410	28	8
Balangir ..	88,000	1,67,000	22,030	2,77,030	1,176	..
Cuttack ..	45,000	4,63,000	13,360	5,21,360	1,116	..
Dhenkanal ..	69,000	1,91,000	1,060	2,61,060	127	17
Ganjam ..	7,000	2,84,000	900	2,91,900	4,007	2,222
Kalahandi ..	1,26,000	1,44,000	1,600	2,71,600	3,416	248
Keonjhar ..	50,000	1,55,000	330	2,05,330	758	241
Koraput ..	66,000	2,69,000	4,900	3,39,900	10,271	5,238
Mayurbhanj ..	1,20,000	2,41,000	820	3,61,820	1,061	13
Phulbani ..	27,000	56,000	670	83,670	159	..
Puri ..	27,000	3,41,000	20,290	3,88,290	422	..
Sambalpur ..	1,42,000	2,96,000	64,830	5,02,830	114	..
Sundargarh ..	1,08,000	1,04,000	370	2,12,370	..	337
1980-81						
Balasore ..	6,000	3,79,000	7,690	3,92,690	45	6
Balangir ..	88,000	1,83,000	25,450	2,96,450	1,544	..
Cuttack ..	42,000	5,03,000	22,290	5,67,290	1,210	..
Dhenkanal ..	52,000	1,79,000	2,420	2,33,420	116	128
Ganjam ..	11,000	3,04,000	1,460	3,16,460	4,219	2,366
Kalahandi ..	1,13,000	1,52,000	2,240	2,67,240	5,883	352
Keonjhar ..	59,000	1,36,000	450	1,95,450	807	350
Koraput ..	97,000	2,67,000	4,360	3,68,360	16,813	5,860
Mayurbhanj ..	1,02,000	2,24,000	1,150	3,27,150	1,280	50
Phulbani ..	24,000	70,000	530	94,530	1,712	..
Puri ..	17,000	3,55,000	31,150	4,03,150	596	..
Sambalpur ..	1,54,000	3,12,000	71,490	5,37,490	156	..
Sundargarh ..	1,00,000	90,000	1,030	1,91,030	2,254	338



## VII. AGRICULTURE

Table No. 7-02—Contd.

Area under different crops in Orissa

( In hectares )

Year/District		Food—grains Cereals				
		Maise	Ragi	Wheat	Small Millets	Total central (Col. 5—11)
(1)		(8)	(9)	(10)	(11)	(12)
1971-72	..	74,849	1,60,167	20,939	1,63,621	50,88,849
1972-73	..	77,624	1,68,001	51,062	1,77,964	49,74,786
1973-74	..	85,023	1,72,169	52,048	1,85,854	52,55,002
1974-75	..	96,863	1,91,130	54,607	1,84,909	49,88,809
1975-76	..	1,18,617	2,36,111	62,937	2,19,121	53,50,272
1976-77	..	1,24,227	2,54,739	55,449	2,16,886	50,70,419
1977-78	.	1,29,643	2,77,189	67,555	2,27,336	51,48,845
1978-79	..	1,30,882	2,77,308	61,540	2,30,673	51,13,572
1979-80	..	1,29,498	2,66,990	50,831	2,08,502	48,03,370
1980-81	..	1,80,704	3,36,407	67,091	3,62,309	51,83,306
1979-80						
Balasore	...	1,242	24	4,556	189	4,05,457
Balangir	..	6,015	12,822	7,206	23,388	3,27,637
Cuttack	..	3,398	13,464	9,741	909	5,49,988
Dhenkanal	..	10,514	6,250	1,963	17,824	2,97,755
Ganjam	..	7,381	54,849	685	6,494	3,67,538
Kalahandi	..	14,903	27,163	685	57,246	3,80,447
Keonjhar	..	14,004	3,234	1,751	3,137	2,28,455
Koraput	..	42,926	1,08,493	5,512	59,009	5,71,349
Mayurbhanj	..	8,987	1,110	2,674	5,616	3,81,281
Phulbani	..	13,734	14,589	889	15,949	1,28,990
Puri	..	3,911	23,451	1,562	748	4,18,305
Sambalpur	..	2,556	1,541	6,368	17,993	5,31,402
Sundargarh	..	..	..	2,059	..	2,14,366
1980-81						
Balasore	..	1,744	10	5,374	178	4,00,047
Balangir	..	8,297	17,460	6,908	33,882	3,64,541
Cuttack	..	4,952	15,069	9,673	1,438	5,99,632
Dhenkanal	..	14,173	11,102	3,829	30,372	2,93,140
Ganjam	..	12,814	75,584	697	21,206	4,33,340
Kalahandi	..	19,200	33,191	7,117	81,736	4,14,719
Keonjhar	..	18,158	5,126	1,992	6,485	2,28,368
Koraput	..	56,319	1,23,878	6,673	1,02,299	6,80,202
Mayurbhanj	..	11,212	1,399	4,644	13,300	3,59,041
Phulbani	..	18,384	20,516	1,465	21,396	1,58,003
Puri	..	12,642	27,601	1,836	4,770	4,43,395
Sambalpur	..	2,574	1,578	9,985	39,241	5,91,024
Sundargarh	..	7,435	3,863	6,898	..	2,17,818

## VII. AGRICULTURE

Table No. 702—Contd.

Area under different crops in Orissa

(In hectares)

Year/District	Foodgrains—Pulses				
	Gram	Tur	Other pulses	Total pulses (Col. 13—15)	Total foodgrains (Col. 12+16)
(1)	(13)	(14)	(15)	(16)	(17)
1971-72	16,558	49,597	7,94,698	6,60,873	59,49,722
1972-73	26,444	50,800	8,62,648	9,39,892	59,14,678
1973-74	27,867	53,966	8,80,737	9,62,570	62,17,572
1974-75	28,140	56,215	9,18,487	10,02,842	59,91,651
1975-76	30,669	57,641	10,45,033	11,33,343	64,83,615
1976-77	28,327	41,476	8,97,583	9,67,386	60,37,805
1977-78	33,272	57,566	12,79,384	13,70,222	65,19,067
1978-79	44,624	69,953	14,51,522	15,66,099	66,79,671
1979-80	40,813	76,108	15,34,602	16,51,523	64,54,893
1980-81	50,049	81,818	15,93,654	17,25,521	69,08,827
1979-80—					
Balasore	1,949	270	81,816	84,035	4,89,492
Balangir	4,926	2,854	94,433	1,02,213	4,29,850
Cuttack	2,243	3,181	3,47,549	3,52,973	9,02,961
Dhenkanal	895	8,936	95,746	1,05,577	4,03,332
Ganjam	242	7,600	2,30,587	2,38,429	6,05,967
Kalahandi	10,256	15,408	1,31,942	1,57,606	5,38,053
Keonjhar	2,135	2,144	42,404	46,683	2,75,138
Koraput	9,967	19,397	1,04,733	1,34,097	7,05,446
Mayurbhanj	4,994	802	38,900	44,696	4,25,977
Phulbani	873	7,572	51,032	59,482	1,88,472
Puri	212	1,804	2,24,540	2,26,556	6,44,861
Sambalpur	1,023	1,104	72,204	74,331	6,05,733
Sundargarh	1,093	5,036	18,716	24,845	2,39,611
1980-81—					
Balasore	1,622	362	76,040	78,024	4,78,101
Balangir	3,793	2,081	80,073	85,947	4,50,488
Cuttack	1,593	3,699	3,35,914	3,41,206	9,40,838
Dhenkanal	2,552	9,095	1,02,805	1,14,452	4,07,592
Ganjam	392	8,087	2,59,281	2,67,760	7,01,106
Kalahandi	12,510	13,515	1,38,567	1,64,592	5,79,311
Keonjhar	2,313	2,544	34,393	39,250	2,67,618
Koraput	10,204	20,801	1,03,330	1,34,335	8,14,537
Mayurbhanj	6,605	3,472	38,526	48,603	4,07,644
Phulbani	1,340	7,567	51,628	60,535	2,18,538
Puri	270	1,758	2,44,287	2,46,315	6,89,710
Sambalpur	1,406	2,553	81,966	85,925	6,76,949
Sundargarh	5,449	6,284	46,852	58,585	2,76,403

## VII. AGRICULTURE

Table No. 702 — *Contd.*

Area under different crops in Orissa

(In hectares)

Year/District	Non food grain—Oilseeds						Total oil seed (Col. 18-23)
	Groundnut	Sesamum	Rape & mustard	Linseed	Castor seed	*Other' oil seeds	
(1)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
1971-72	78,378	93,879	60,744	15,827	22,558	68,949	3,40,335
1972-73	86,095	1,01,847	65,261	21,210	26,512	74,674	3,75,599
1973-74	93,504	93,598	72,341	16,671	27,627	83,950	3,87,691
1974-75	1,03,444	1,04,295	55,882	24,790	26,252	1,18,799	4,63,462
1975-76	1,09,021	1,19,379	95,031	24,838	28,713	1,19,175	4,96,157
1976-77	1,04,727	1,12,139	66,972	17,678	23,646	1,00,114	4,25,276
1977-78	1,19,055	1,40,553	1,09,661	27,637	30,149	1,16,524	5,43,579
1978-79	1,43,877	1,62,516	1,52,033	32,827	37,229	1,35,651	6,64,133
1979-80	1,74,572	1,80,981	1,44,586	34,427	41,279	1,46,012	7,21,857
1980-81	1,72,405	1,56,488	1,62,117	36,280	43,776	1,65,379	7,36,445
1979-80 —							
Balasore	5,771	7,293	8,610	..	1,578	75	23,327
Balangir	7,893	18,024	6,306	329	1,605	481	34,638
Cuttack	62,944	14,089	18,780	1,150	1,501	366	98,830
Dhenkanal	18,924	26,977	5,727	..	3,733	3	55,364
Ganjam	22,375	26,165	6,049	172	3,847	7,464	66,072
Kalahandi	7,823	15,700	25,734	17,244	13,530	1,167	81,198
Keonjhar	1,121	3,035	7,518	1,570	301	16,696	30,241
Koraput	1,691	25,277	18,171	2,485	11,654	77,875	1,37,153
Mayurbhanj	2,029	2,813	6,759	7,556	550	16,061	35,768
Phulbani	292	10,578	21,715	..	1,184	21,774	55,544
Puri	13,531	11,549	7,920	3,882	511	77	37,470
Sambalpur	28,592	14,969	8,846	4	893	109	53,413
Sundargarh	1,586	4,512	2,450	35	392	3,864	12,839
1980-81 —							
Balasore	7,026	5,692	9,001	..	1,409	49	23,177
Balangir	7,085	14,695	8,611	503	1,968	999	33,861
Cuttack	64,613	10,446	18,529	1,160	1,558	480	96,786
Dhenkanal	16,620	25,599	7,561	..	3,887	62	53,729
Ganjam	20,732	23,431	6,759	130	3,641	6,860	61,553
Kalahandi	7,401	13,983	24,775	17,375	12,971	10,752	87,257
Keonjhar	1,577	2,437	8,151	2,118	388	16,588	31,259
Koraput	1,871	20,221	20,037	2,306	13,140	76,456	1,34,031
Mayurbhanj	2,210	1,833	8,199	8,624	600	16,917	38,383
Phulbani	1,680	11,466	24,467	..	1,724	25,533	64,870
Puri	14,282	1,001	9,602	3,726	597	9,135	38,343
Sambalpur	25,270	12,863	10,186	52	1,130	102	49,603
Sundargarh	2,038	3,821	6,239	286	763	10,446	23,593

## VII. AGRICULTURE

Table No. 702—Contd.

Area under different crops in Orissa

( in hectares )

Year/ District	Non-foodgrain—Fibres				
	Cotton	Jute	Mesta	Sun-hemp	Total Fibre (Cols. 25—28)
(1)	(25)	(26)	(27)	(28)	(29)
1971-72	272	51,682	30,478	9,064	91,496
1972-73	385	41,572	25,615	7,718	75,290
1973-74	752	57,315	35,072	6,460	99,599
1974-75	2,286	47,014	36,728	4,849	90,877
1975-76	3,500	37,806	37,389	5,100	83,795
1976-77	4,500	46,501	47,643	5,859	94,503
1977-78	6,000	48,700	37,000	5,572	97,272
1978-79	6,580	49,280	36,642	11,218	103,720
1979-80	4,995	45,664	38,300	8,035	96,994
1980-81	4,005	43,776	41,917	10,043	99,741
1979-80—					
Balasore ..	175	6,652	128	1,705	8,660
Balangir ..	225	..	3,181	1,901	5,306
Cuttack ..	50	35,884	1,761	..	37,695
Dhenkanal ..	200	75	4,017	28	4,320
Ganjam ..	700	..	6,089	1,202	7,991
Kalahandi ..	800	..	2,738	846	4,384
Keonjhar ..	80	1,481	2,260	..	3,821
Koraput ..	1,610	226	7,206	612	9,654
Mayurbhanj ..	130	617	3,609	833	5,189
Phulbani ..	660	..	927	893	2,490
Puri ..	90	729	1,915	..	3,734
Sambalpur ..	245	..	3,871	15	4,121
Sundargarh ..	50	..	598	..	648
1980-81—					
Balasore ..	95	5,557	240	1,845	7,737
Balangir ..	728	10	4,070	2,128	6,936
Cuttack ..	50	33,872	1,728	..	35,650
Dhenkanal ..	155	85	4,771	47	5,058
Ganjam ..	290	152	4,512	2,120	7,074
Kalahandi ..	685	..	2,617	1,050	4,352
Keonjhar ..	130	1,978	2,770	..	4,873
Koraput ..	965	338	10,561	856	12,720
Mayurbhanj ..	65	760	3,894	991	5,710
Phulbani ..	507	20	904	976	2,445
Puri ..	60	1,004	2,050	..	3,114
Sambalpur ..	170	..	3,413	30	3,613
Sundargarh ..	115	..	387	..	492

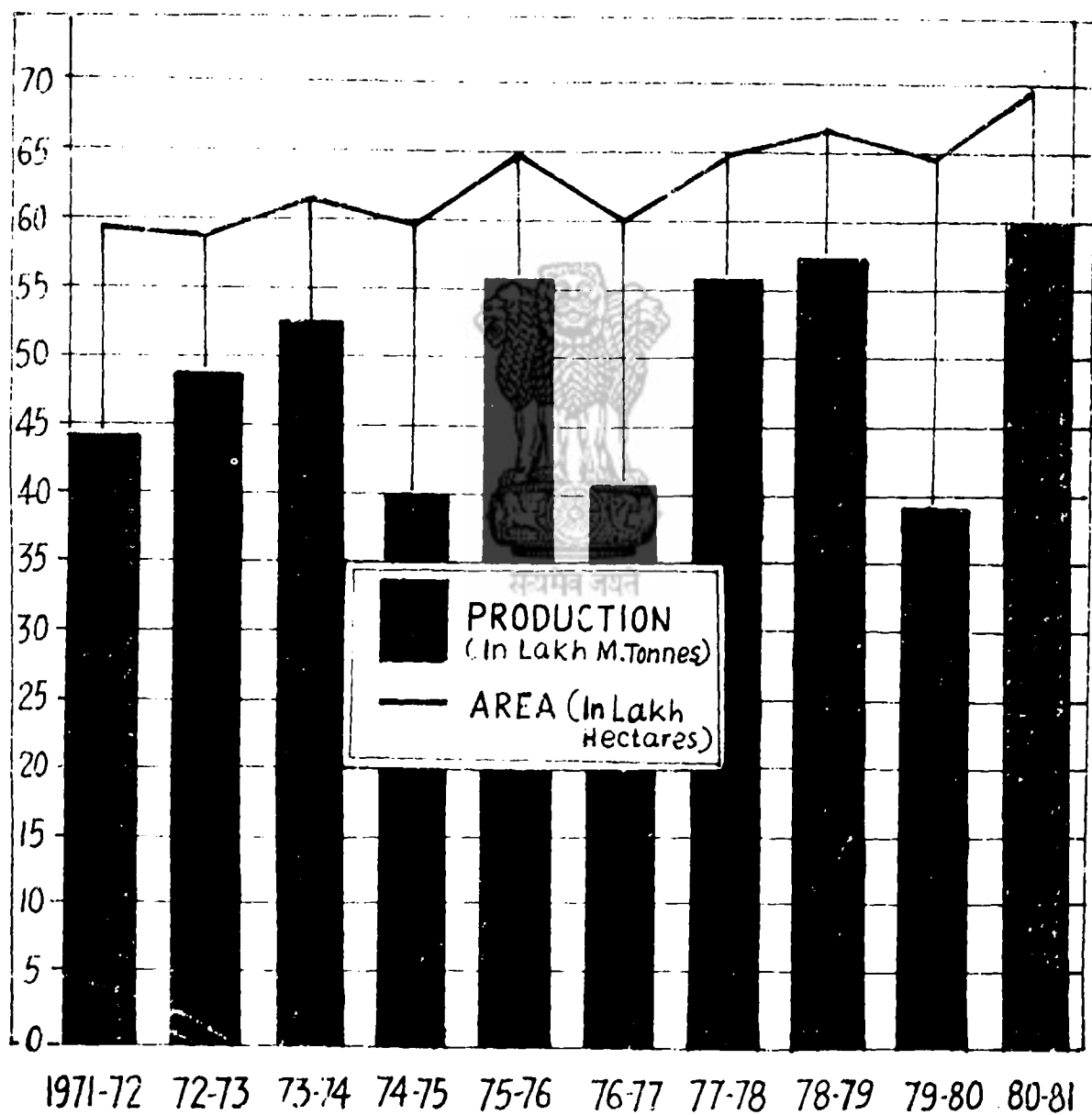
**VII. AGRICULTURE**  
**Table No. 7-02—Concld.**  
 Area under different crops in Orissa

( in hectares )

Year/ District	Non-foodgrain—Miscellaneous						Total Non-food grains (Col 24+ 29+35)
	Sugarcane	Tobacco	Potato	Chillies (Dry)	Ginger (Dry)	Total Miscella- neous (Col. 30—34)	
(1)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
1971-72	30,643	13,980	7,098	27,815	2,306	81,842	513,673
1972-73	30,690	15,328	6,934	38,390	1,855	93,197	544,486
1973-74	40,970	15,411	5,342	40,916	2,295	104,934	592,224
1974-75	44,000	15,427	5,850	38,979	1,799	105,965	660,304
1975-76	45,355	16,744	6,975	52,876	2,663	144,613	724,565
1976-77	45,000	14,768	6,557	52,828	2,916	122,069	641,848
1977-78	43,000	16,564	6,928	62,001	3,219	131,712	772,563
1978-79	46,000	19,606	8,451	67,473	3,429	144,959	912,812
1979-80	46,500	18,122	7,699	64,354	4,071	140,746	959,597
1980-81	48,600	21,164	8,082	76,329	4,895	154,070	995,256
1979-80—							
Balasore ..	2,737	86	149	5,514	295	8,781	40,768
Balangir ..	4,204	1,103	72	5,356	..	10,740	50,685
Cuttack ..	6,080	489	3,059	6,297	389	16,314	152,839
Dhenkanal ..	3,708	544	618	2,806	..	7,676	67,360
Ganjam ..	4,971	464	262	8,245	235	14,177	88,240
Kalahandi ..	4,539	2,723	26	8,633	49	15,970	101,552
Keonjhar ..	639	370	27	671	183	1,990	36,052
Koraput ..	8,543	10,679	235	10,755	850	31,062	177,869
Mayurbhanj ..	527	399	63	5,153	500	6,642	47,599
Phulbani ..	1,261	1,015	301	2,101	1,007	5,685	63,719
Puri ..	4,692	69	1,576	1,293	412	8,042	48,246
Sambalpur ..	3,785	176	761	7,051	151	11,924	69,458
Sundargarh ..	814	..	450	1,479	..	2,743	16,230
1980-81—							
Balasore ..	2,932	94	142	6,117	482	9,767	40,681
Balangir ..	4,300	1,278	75	6,300	..	11,953	52,750
Cuttack ..	6,435	420	2,975	10,000	828	20,658	153,094
Dhenkanal ..	3,601	748	554	3,471	50	8,424	67,211
Ganjam ..	5,450	399	440	8,713	37	15,039	83,666
Kalahandi ..	5,005	2,868	16	9,459	80	17,428	109,037
Keonjhar ..	622	342	153	694	224	2,035	38,167
Koraput ..	8,904	12,837	330	11,672	873	34,616	181,367
Mayurbhanj ..	626	448	133	4,656	606	6,469	50,562
Phulbani ..	1,398	1,138	433	1,782	1,190	5,941	73,256
Puri ..	5,185	108	1,738	2,880	90	10,001	51,458
Sambalpur ..	3,295	234	701	8,098	306	12,634	65,850
Sundargarh ..	847	250	392	2,487	129	4,105	28,190

SOURCE—Directorate of Agriculture and Food Production, Orissa

## AREA AND PRODUCTION OF FOOD-GRAINS IN ORISSA



## VII. AGRICULTURE

Table No. 7-03

Production of different crops in Orissa

(Figures in M. T.)

Year/District	Foodgrain—Cereals				
	Autumn Rice	Winter Rice	Summer Rice	Total Rice (Col. 2—4)	Jawar
(1)	(2)	(3)	(4)	(5)	(6)
1971-72	4,76,000	29,00,000	2,43,500	36,19,500	14,602
1972-73	3,86,000	33,49,000	2,48,120	39,83,120	14,483
1973-74	4,92,000	36,99,000	2,13,360	44,04,360	16,688
1974-75	2,48,000	27,19,000	1,98,960	31,65,960	14,019
1975-76	4,40,000	38,34,000	2,57,770	45,31,770	15,625
1976-77	3,41,000	26,16,000	2,60,720	32,17,720	18,943
1977-78	5,96,000	34,54,000	2,69,220	43,19,220	23,163
1978-79	6,30,000	35,59,000	2,12,870	44,01,870	24,416
1979-80	2,72,000	24,62,000	1,83,740	29,17,740	12,126
1980-81	5,19,000	35,12,000	2,69,820	43,00,820	24,733
1979-80					
Balasore ..	3,000	3,42,000	14,920	3,59,920	16
Balangir ..	16,000	92,000	31,740	1,39,740	474
Cuttack ..	2,600	3,96,000	16,030	4,83,030	453
Dhenkanal ..	14,000	1,00,000	1,420	1,15,420	38
Ganjam ...	5,000	3,13,000	520	3,18,520	2,399
Kalahandi ..	38,000	71,000	890	1,09,890	1,605
Keonjhar ..	16,000	1,02,000	160	1,18,160	390
Koraput ..	27,000	2,08,000	2,910	2,37,910	5,897
Mayurbhanj ..	40,000	1,65,000	850	2,05,850	577
Phulbani ..	11,000	37,000	730	48,730	24
Puri ..	21,000	3,67,000	21,850	4,09,850	230
Sambalpur ..	27,000	2,10,000	91,400	3,28,400	23
Sundargarh ..	28,000	59,000	320	87,320	
1980-81					
Balasore ..	5,000	4,17,000	10,850	4,32,850	36
Balangir ..	54,000	2,17,000	39,290	3,10,290	1,317
Cuttack ..	32,000	5,58,000	30,020	6,20,020	525
Dhenkanal ...	27,000	2,02,000	4,030	2,33,030	92
Ganjam ..	11,000	3,90,000	770	4,01,770	4,599
Kalahandi ..	67,000	1,56,000	2,060	2,25,060	3,212
Keonjhar ..	32,000	1,31,000	630	1,63,630	566
Koraput ..	49,000	2,86,000	2,200	3,37,200	10,845
Mayurbhanj ..	64,000	2,69,000	1,580	3,34,580	842
Phulbani ..	15,000	69,000	680	84,680	857
Puri ..	12,000	3,33,000	46,000	3,91,000	395
Sambalpur ..	91,000	3,87,000	1,30,940	6,08,940	70
Sundargarh ..	60,000	97,000	770	1,57,770	1,377

## VII. AGRICULTURE

Table No. 7-03—Contd.

Production of different crops in Orissa

(Figures in M. T.)

Year/District	Foodgrain—Cereals					
	Bajra	Maize	Ragi	Wheat	Small millets	Total cereals (Col. 5—II)
(1)	(7)	(8)	(9)	(10)	(11)	(12)
1971-72	1,903	63,106	1,49,484	38,650	76,294	39,63,539
1972-73	1,455	60,812	1,44,398	85,120	82,214	43,71,602
1973-74	1,367	69,712	1,40,368	82,756	84,283	47,99,534
1974-75	1,625	74,324	1,22,864	85,951	77,472	35,42,215
1975-76	2,670	1,16,819	1,72,747	1,07,437	96,084	50,43,152
1976-77	2,788	1,03,128	1,38,328	98,365	86,568	36,65,840
1977-78	3,111	1,11,097	1,95,650	1,27,918	1,02,446	48,82,105
1978-79	4,239	1,21,091	2,09,435	1,10,018	1,02,845	49,73,914
1979-80	3,748	78,857	1,46,508	82,338	63,692	33,05,009
1980-81	6,385	1,74,268	2,64,821	1,22,432	1,97,504	50,90,963
1979-80						
Balasore ..	4	1,035	14	10,090	80	3,71,159
Balangir ..	..	2,681	3,848	10,397	5,698	1,62,838
Cuttack ..	..	2,542	8,932	17,540	455	4,67,952
Dhenkanal ..	25	3,807	2,033	3,385	2,964	1,27,672
Ganjam ..	1,060	6,372	35,227	1,466	3,613	3,69,257
Kalahandi ..	75	7,040	12,126	5,204	15,795	1,51,735
Keonjhar ..	63	6,155	808	1,401	627	1,27,604
Koraput ..	2,414	29,652	61,621	9,794	21,774	3,69,062
Mayurbhanj ..	6	6,006	853	7,032	2,247	2,22,571
Phulbani —	..	9,212	3,235	1,067	2,392	64,371
Puri ..	..	2,781	16,370	2,759	224	4,32,114
Sambalpur ..	..	1,674	1,541	7,920	7,823	3,46,970
Sundargarh ..	101	..	..	4,283	..	91,704
1980-81						
Balasore ..	3	1,430	23	12,323	82	4,46,747
Balangir —	..	6,522	17,390	10,618	23,080	3,69,217
Cuttack ..	..	4,175	14,176	21,067	719	6,60,682
Dhenkanal —	58	12,167	6,161	7,658	15,186	2,74,352
Ganjam ..	2,491	19,606	65,018	697	16,778	5,10,959
Kalahandi ..	172	13,114	17,989	9,899	32,472	3,01,918
Keonjhar ..	217	16,269	1,896	1,992	3,243	1,87,813
Koraput ..	3,274	67,309	1,02,689	10,987	60,884	5,93,188
Mayurbhanj ..	25	11,108	1,346	9,528	7,384	3,64,813
Phulbani ..	..	9,210	10,079	2,048	8,558	1,15,432
Puri ..	..	4,609	23,552	2,992	1,431	4,23,979
Sambalpur ..	..	2,979	1,180	18,748	24,687	6,56,604
Sundargarh ..	145	5,770	3,322	13,875	3,000	1,85,259



**VII. AGRICULTURE**  
**Table No. 7-03—Contd.**  
**Production of different crops in Orissa**

(Figures in M. T.)

Year/District	Foodgrains—Pulses				
	Gram	Tur	Other pulses	Total pulses (Col. 13—15)	Total foodgrains (Col. 12+16)
(1)	(13)	(14)	(15)	(16)	(17)
1971-72 ..	7,829	24,256	358,166	390,251	4,353,790
1972-73 ..	13,689	27,238	447,877	488,804	4,860,406
1973-74 ..	14,083	26,983	433,900	474,966	5,274,500
1974-75 ..	14,409	27,677	386,328	428,414	3,970,629
1975-76 ..	14,936	31,427	480,395	526,758	5,569,910
1976-77 ..	12,255	16,530	3,80,806	409,591	4,075,431
1977-78 ..	16,589	30,504	631,746	678,839	5,560,944
1978-79 ..	23,385	36,029	731,820	791,234	5,765,148
1979-80 ..	16,999	30,539	519,344	566,882	3,871,891
1980-81 ..	26,244	42,594	817,294	886,132	5,977,095
1979-80—					
Balasore ..	975	108	31,724	32,807	403,966
Balangir ..	2,365	1,090	25,247	28,702	191,540
Cuttack ..	1,012	1,283	136,546	138,841	606,793
Dhenkanal ..	236	2,325	20,297	22,858	150,530
Ganjam ..	143	4,411	85,461	90,015	459,272
Kalahandi ..	4,102	6,622	40,679	51,403	203,138
Keonjhar ..	214	600	8,106	8,920	136,524
Koraput ..	3,911	9,799	40,915	54,625	423,687
Mayurbhanj ..	3,046	401	11,960	15,407	237,978
Phulbani ..	176	757	10,487	11,420	75,791
Puri ..	113	681	75,550	76,344	508,458
Sambalpur ..	487	448	25,509	26,444	373,414
Sundargarh ..	29	2,014	6,863	9,096	100,800
1980-81—					
Balasore ..	811	163	37,199	38,172	484,919
Balangir ..	1,896	1,249	42,360	45,445	414,662
Cuttack ..	845	1,987	190,197	193,029	853,711
Dhenkanal ..	1,238	4,391	47,873	53,502	327,854
Ganjam ..	233	4,447	132,235	136,915	647,874
Kalahandi ..	6,254	6,757	64,904	77,915	379,833
Keonjhar ..	1,272	1,725	16,497	19,494	207,307
Koraput ..	5,921	10,053	52,564	68,538	661,726
Mayurbhanj ..	3,366	1,861	19,004	24,231	389,044
Phulbani ..	670	3,783	24,250	28,703	144,135
Puri ..	135	1,139	11,928	132,202	556,181
Sambalpur ..	879	1,709	36,124	39,239	695,843
Sundargarh ..	2,724	3,330	19,968	28,747	214,006

## VII. AGRICULTURE

Table No. 7-03—Contd.

Production of different crops in Orissa

(Figures in M. T.)

Year/District	Non-foodgrains-Oilseeds						Total Oilseeds (Col. 18—23)
	Groundnut	Sesamum	Rape and mustard	Linseed	Castor seed	Other seeds	
(1)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
1971-72	110,226	46,118	27,774	7,140	18,166	33,580	243,004
1972-73	120,141	51,542	31,009	8,882	21,369	32,636	265,579
1973-74	138,008	47,027	34,506	6,905	19,492	39,545	285,483
1974-75	141,790	46,399	33,769	8,285	14,901	44,659	289,803
1975-76	134,654	53,791	44,718	10,717	15,780	50,490	310,150
1976-77	118,621	43,180	26,190	6,543	11,393	36,705	242,632
1977-78	144,721	64,753	48,364	11,301	14,755	44,115	328,009
1978-79	191,755	77,965	68,419	14,158	20,567	54,086	426,950
1979-80	122,684	47,512	39,265	13,647	15,513	40,290	278,911
1980-81	231,017	73,771	72,356	15,563	22,844	69,220	484,771
1979-80							
Balasore	4,628	2,120	3,444	..	712	33	10,937
Balangir	3,805	4,006	1,825	77	619	159	10,491
Cuttack	51,249	3,603	6,888	473	666	163	63,042
Dhenkanal	4,475	6,271	1,062	..	1,083	1	12,892
Ganjam	18,479	7,319	1,857	103	1,439	3,119	32,316
Kalahandi	4,446	3,440	6,247	6,331	4,312	529	25,305
Keonjhar	561	578	752	157	50	1,673	3,771
Koraput	1,230	7,313	5,462	828	5,153	25,722	45,708
Mayurbhanj	1,380	893	2,408	3,764	245	4,959	13,649
Phulbani	60	2,954	3,257	..	359	2,702	9,332
Puri	10,517	3,584	2,033	1,905	231	41	18,311
Sambalpur	21,371	4,262	3,295	2	447	32	29,409
Sundargarh	483	1,169	735	7	197	1,157	3,748
1980-81							
Balasore	10,372	2,805	4,723	—	668	17	18,585
Balangir	7,224	7,440	3,748	135	899	327	19,773
Cuttack	96,383	5,120	9,524	416	962	238	112,643
Dhenkanal	18,466	12,863	3,025	..	1,944	21	36,319
Ganjam	22,038	11,564	2,703	65	2,233	3,447	42,050
Kalahandi	8,371	6,530	10,261	6,950	6,588	4,723	43,423
Keonjhar	1,835	504	2,445	635	221	4,978	10,618
Koraput	1,602	9,594	9,009	1,139	6,932	30,796	59,075
Mayurbhanj	2,262	654	3,670	4,312	337	9,990	21,225
Phulbani	1,668	4,586	12,234	..	862	10,239	29,609
Puri	23,485	4,552	3,841	1,827	271	69	34,045
Sambalpur	35,466	5,951	4,677	21	556	44	46,715
Sundargarh	1,825	1,638	2,496	63	371	4,301	10,694

## VII AGRICULTURE

Table No. 7-03—Contd.

Production of different Crops in Orissa

(Figures in M. T.)

Year/District		Non-foodgrains—Fibres				Total Fibres (Col. 25—28)
		Cotton *	Jute *	Mesta *	Sun-hemp *	
(1)		(25)	(26)	(27)	(28)	(29)
1971-72	...	507	379,705	174,278	30,064	584,554
1972-73	..	617	381,501	131,045	31,491	544,654
1973-74	..	752	401,135	174,985	34,128	611,000
1974-75	..	2,286	333,294	175,524	24,466	535,570
1975-76	...	4,000	290,476	201,132	23,754	519,367
1976-77	..	5,000	404,473	187,103	20,524	617,100
1977-78	..	6,700	420,050	200,000	21,536	648,286
1978-79	..	7,347	439,000	203,500	40,527	690,374
1979-80	..	4,995	320,000	187,300	25,420	582,715
1980-81	..	4,015	310,000	209,000	37,058	560,073
1979-80						
Balasore	..	175	38,000	600	11,443	50,218
Balangir	..	225	..	15,600	3,489	19,314
Cuttack	..	50	264,000	8,500	..	272,550
Dhenkanal	..	180	500	19,700	109	20,489
Ganjam	..	700	..	29,800	3,212	33,712
Kalahandi	..	800	..	13,400	931	15,131
Keonjhar	..	80	8,800	11,000	..	19,880
Koraput	..	1,610	1,200	35,400	1,952	40,162
Mayurbhanj	...	130	3,700	17,600	2,749	24,179
Phulbani	..	660	..	4,500	1,518	6,678
Puri	..	90	3,800	9,400	..	13,290
Sambalpur	—	245	..	18,900	17	19,162
Sundargarh	..	50	..	2,900	..	2,950
1980 81						
Balasore	..	95	28,000	1,000	12,649	41,744
Balangir	..	728	50	20,000	6,787	27,565
Cuttack	...	50	256,000	9,000	..	265,050
Dhenkanal	..	155	420	23,000	78	23,653
Ganjam	..	290	770	23,000	6,883	30,943
Kalahandi	..	685	..	14,000	2,250	16,935
Keonjhar	..	150	12,000	13,000	..	25,150
Koraput	...	965	1,710	52,000	2,571	57,246
Mayurbhanj	..	65	3,900	20,000	4,400	28,365
Phulbani	..	507	150	14,000	1,357	6,014
Puri	..	60	7,000	10,000	..	17,060
Sambalpur	..	170	..	3,413	83	3,666
Sundargarh	..	115	..	387	..	502

## VII. AGRICULTURE

Table No. 7-03—Concl'd.

Production of different crops in Orissa

(Figures in M.T.)

Year/ District	Non-Foodgrains - Miscellaneous					Total Miscellaneous (Col. 30—34)	Grains (Col. 24 + 29 + 35)
	Sugarcane	Potatoes	Chillies ( Dry )	Gingers ( Dry )	Tobacco		
(1)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
1971-72	191,689	56,190	20,299	1,284	11,768	281,230	1,108,788
1972-73	200,148	35,870	28,268	1,899	13,206	279,391	1,089,624
1973-74	240,633	41,230	27,958	2,193	12,403	324,417	1,220,920
1974-75	275,000	47,240	21,589	729	10,088	354,646	1,180,019
1975-76	297,380	60,100	31,820	2,964	11,027	403,291	1,232,808
1976-77	277,000	46,210	31,050	2,285	6,873	363,418	1,223,150
1977-78	260,000	46,770	30,813	2,466	7,111	347,160	1,323,455
1978-79	281,000	61,157	44,799	2,912	9,646	399,514	1,516,838
1979-80	281,000	44,133	35,096	4,226	8,568	373,023	1,234,649
1980-81	306,000	60,340	57,021	5,311	11,322	439,994	1,484,838
1979-80 .							
Balasore	18,440	795	3,399	295	35	22,964	84,119
Balangir	22,630	319	3,176	..	319	26,444	56,249
Cuttack	41,200	20,459	3,192	303	245	65,399	400,991
Dhenkanal	25,960	3,547	1,048	..	161	30,716	64,097
Ganjam	36,730	1,490	6,665	231	436	45,552	111,580
Kalahandi	24,140	95	2,940	39	1,114	28,328	68,764
Keonjhar	4,040	789	101	220	19	5,169	28,820
Koraput	42,180	867	5,135	1,340	5,959	55,481	141,351
Mayurbhanj	2,420	368	2,229	700	124	5,841	43,669
Phulbani	6,500	908	630	604	102	8,744	24,754
Puri	33,370	9,216	766	464	29	43,845	75,446
Sambalpur	21,030	2,801	4,771	30	25	28,657	77,228
Sundargarh	3,660	2,389	1,044	..	..	7,093	13,791
1980-81							
Balasore	20,400	1,050	3,576	482	42	25,550	85,879
Balangir	25,000	582	3,930	..	551	30,063	77,401
Cuttack	45,400	25,588	9,395	619	204	81,206	458,899
Dhenkanal	25,200	4,369	1,908	45	196	31,718	91,690
Ganjam	41,300	2,995	8,834	29	255	53,413	129,406
Kalahandi	27,400	98	4,166	64	1,434	33,162	93,520
Keonjhar	3,900	1,152	347	134	103	5,636	41,384
Koraput	44,950	1,857	9,031	650	7,562	64,050	180,368
Mayurbhanj	3,450	829	2,892	606	135	7,912	57,502
Phulbani	7,700	2,516	968	2,380	626	14,190	49,813
Puri	38,100	12,274	1,932	90	57	52,453	103,558
Sambalpur	19,400	4,353	8,458	132	70	32,413	82,794
Sundargarh	3,800	2,677	1,584	80	87	5,818	17,014

SOURCE—Directorate of Agriculture and Food Production, Orissa

## VII. AGRICULTURE

Table No. 704

Average yield of different crops in Orissa

(Quintals/Hectares)

Year/District	Food-Crops—Cereals			
	Autumn Rice	Winter Rice	Summer Rice	Jowar
(1)	(2)	(3)	(4)	(5)
1971-72	5.62	7.97	15.03	7.60
1972-73	5.02	9.50	13.57	6.93
1973-74	5.82	9.93	13.00	7.50
1974-75	3.56	7.60	12.75	5.80
1975-76	5.80	10.23	14.31	6.62
1976-77	4.38	7.63	15.11	5.70
1977-78	7.10	10.23	14.05	6.54
1978-79	6.90	10.81	12.90	7.40
1979-80	4.69	7.96	12.89	5.4
1980-81	9.10	16.87	23.81	6.8
1979-80				
Balasore	11.13	13.52	19.81	5.7
Balangir	2.68	8.29	21.83	4.0
Cuttack	8.54	12.96	18.17	4.1
Dhenkanal	2.99	7.99	20.28	3.0
Ganjam	11.36	16.73	7.94	6.0
Kalahandi	4.60	7.43	8.38	4.7
Keonjhar	4.97	9.95	7.27	5.1
Koraput	6.25	11.71	8.98	5.7
Mayurbhanj	5.09	10.37	15.73	5.4
Phulbani	6.13	10.04	16.42	1.5
Puri	11.05	16.31	16.32	5.5
Sambalpur	2.90	10.73	21.36	2.0
Sundargarh	3.95	8.63	13.24	..
1980-81				
Balasore	11.61	16.66	21.40	8.0
Balangir	9.39	17.99	23.39	8.5
Cuttack	11.54	16.82	20.41	4.3
Dhenkanal	7.75	17.10	25.17	8.0
Ganjam	14.94	19.42	8.00	10.9
Kalahandi	8.97	15.59	13.94	5.4
Keonjhar	8.32	14.52	21.38	7.0
Koraput	7.66	16.26	7.63	6.4
Mayurbhanj	7.55	18.22	20.79	6.6
Phulbani	9.67	14.90	19.66	5.0
Puri	10.21	14.21	22.38	6.6
Sambalpur	8.99	18.80	27.75	4.5
Sundargarh	9.10	16.27	11.28	6.1

## VII AGRICULTURE

Table No. 7·04—Contd.

Average yield of different crops in Orissa (Quintals/Hectares)

Year/District.	Food-Crops—Cereals				
	Bajra	Maize	Ragi	Small Millets	Wheat
(1)	(6)	(7)	(8)	(9)	(10)
1971-72	4·80	8·40	9·33	4·70	18·46
1972-73	4·80	7·83	8·60	4·62	16·67
1973-74	3·40	8·20	8·20	4·40	15·90
1974-75	3·30	7·50	6·42	4·20	15·73
1975-76	4·86	9·84	7·30	4·38	17·10
1976-77	4·05	8·30	5·48	4·00	17·73
1977-78	4·38	8·57	7·06	4·51	18·86
1978-79	5·17	9·25	7·55	4·46	17·88
1979-80	4·5	6·1	5·04	3·10	16·19
1980-81	6·8	9·6	7·9	5·5	18·25
1979—80					
Balasore	5·0	7·9	5·8	4·2	22·1
Balangir	..	4·4	3·0	2·4	14·4
Cuttack	..	7·5	6·6	5·0	18·0
Dhenkanal	1·5	3·6	3·2	1·7	17·2
Ganjam	4·7	8·6	6·5	5·6	21·4
Kalahandi	3·0	4·7	4·4	2·8	8·8
Konjhar	2·6	4·4	2·5	2·0	8·0
Koraput	4·6	6·9	5·6	3·7	17·7
Mayurbhanj	5·0	6·7	7·7	4·0	26·2
Phulbani	..	6·7	2·0	1·5	12·0
Puri	..	7·0	6·9	3·0	17·6
Sambalpur	—	6·5	7·3	4·3	12·3
Sundargarh	3·0	..	..	..	20·8
1980—81					
Balasore	4·5	8·1	5·8	4·6	22·9
Balangir	..	7·8	10·0	6·8	15·4
Cuttack	..	8·4	9·4	5·0	21·8
Dhenkanal	4·5	8·6	5·5	5·0	20·0
Ganjam	10·5	15·3	7·8	7·9	10·0
Kalahandi	4·9	6·8	5·4	3·9	13·9
Keonjhar	6·2	9·0	3·7	5·0	10·0
Koraput	5·6	12·0	8·3	5·9	16·5
Mayurbhanj	5·0	9·9	9·6	5·5	20·5
Phulbani	..	5·0	4·9	4·0	13·98
Puri	..	8·5	8·5	3·0	16·3
Sambalpur	..	11·5	7·5	6·3	18·78
Sundargarh	4·3	7·8	8·6	5·0	28·11

## VII. AGRICULTURE

Table No. 704—(Contd.)

Average yield of different crops in Orissa ( Quintals/Hectares )

Year/District	Foodgrains—Pulses		Non-Foodgrains—Oilseeds				
	Gram	Tur	Ground-nut	Sesamum	Rape & mustard	Linseed	Castor Seed
(1)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1971-72	4.70	4.9	14.10	4.90	4.60	4.53	8.10
1972-73	5.18	5.36	13.95	5.06	4.75	4.19	8.06
1973-74	5.10	5.00	14.80	5.00	4.20	4.20	6.30
1974-75	5.10	4.90	13.70	4.40	3.93	3.30	5.70
1975-76	4.37	5.45	12.30	4.50	4.70	4.30	5.50
1976-77	4.32	4.00	11.32	3.9	3.94	3.70	4.81
1977-78	4.99	5.30	12.16	4.61	4.41	4.09	4.89
1978-79	5.24	5.15	13.33	4.80	4.50	4.31	5.53
1979-80	4.20	4.00	7.0	2.6	2.7	4.00	3.7
1980-81	4.9	5.2	13.4	4.7	4.5	4.3	5.2
1979-80							
Balasore	5.0	4.0	8.0	2.9	4.0	..	4.5
Balangir	4.8	3.8	4.8	2.2	2.9	2.3	3.8
Cuttack	4.5	4.0	8.1	2.6	3.7	4.1	2.9
Dhenkanal	2.6	2.6	2.3	2.3	1.9	..	2.9
Ganjam	5.9	5.8	8.3	2.8	3.1	6.0	3.7
Kalahandi	4.0	4.3	5.6	2.2	2.4	3.7	3.1
Keonjhar	1.0	2.8	5.0	1.9	1.0	1.0	1.6
Koraput	3.9	5.1	7.2	2.9	3.0	3.3	4.4
Mayurbhanj	6.1	5.0	6.8	3.2	3.6	5.0	4.4
Phulbani	2.0	1.0	2.0	2.8	1.5	..	3.0
Puri	5.3	3.8	7.7	3.1	2.6	4.9	4.5
Sambalpur	4.8	4.1	7.4	2.8	3.7	5.0	5.0
Sundargarh	2.0	4.0	3.0	2.6	3.0	2.0	5.0
1980-81							
Balasore	5.0	4.5	14.8	4.9	5.2	—	4.7
Balangir	5.0	6.0	10.2	5.1	4.4	2.7	4.6
Cuttack	5.2	5.4	14.9	4.9	5.1	3.6	6.2
Dhenkanal	4.8	4.8	11.1	5.0	4.0	..	5.0
Ganjam	5.9	5.5	10.6	4.9	4.0	5.0	6.1
Kalahandi	5.0	5.0	11.3	4.7	4.1	4.0	5.1
Keonjhar	5.5	5.6	11.6	2.1	3.0	3.0	5.7
Koraput	5.8	4.8	8.6	4.7	4.5	4.0	5.3
Mayurbhanj	5.0	5.4	10.2	3.6	4.9	5.0	5.6
Phulbani	5.0	5.0	10.0	4.0	5.0	..	5.0
Puri	5.0	6.5	16.4	4.6	4.0	4.9	4.6
Sambalpur	5.3	6.7	14.0	4.6	4.6	4.0	4.9
Sundargarh	5.0	5.3	8.9	4.3	4.0	2.2	4.9

## VII. AGRICULTURE

Table No. 704—(Contd.)

Average yield of different crops in Orissa (Bales/Hectares)

Year/District		Non-Foodgrains—Fibres			
		Cotton	Jute	Mesta	Sunhemp
		(18)	(19)	(20)	(21)
(1)					
1971-72	...	1.90	7.40	5.70	3.30
1972-73	..	1.60	9.18	5.12	4.08
1973-74	...	1.00	7.00	5.00	5.30
1974-75	..	1.00	7.10	4.80	5.00
1975-76	..	1.14	7.70	5.40	4.70
1976-77	..	1.11	8.70	5.00	3.50
1977-78	..	1.12	8.63	5.41	3.87
1978-79	..	1.12	8.91	5.55	3.61
1979-80	..	1.0	7.0	4.9	3.2
1980-81	..	1.0	7.10	5.00	3.7
1979-80					
Balasore	..	1.0	5.7	4.7	6.7
Balangir	..	1.0	..	4.9	1.8
Cuttack	..	1.0	7.4	4.8	..
Dhenkanal	..	1.0	6.7	4.9	3.9
Ganjam	..	1.0	..	4.9	2.7
Kalahandi	..	1.0	..	4.9	1.1
Keonjhar	..	1.0	5.9	4.9	..
Koraput	..	1.0	5.3	4.9	3.2
Mayurbhanj	..	1.0	6.0	4.9	3.6
Phulbani	..	1.0	..	4.9	1.7
Puri	..	1.0	5.2	4.9	..
Sambalpur	..	1.0	..	4.9	1.1
Sundargarh	..	1.0	..	4.9	..
1980-81					
Balasore	..	1	5.00	4.20	6.8
Balangir	..	1	5.00	4.90	3.2
Cuttack	..	1	7.55	5.20	..
Dhenkanal	..	1	4.94	4.80	1.7
Ganjam	..	1	5.00	5.10	3.3
Kalahandi	..	1	..	5.30	2.1
Keonjhar	..	1	6.00	4.70	..
Koraput	..	1	5.00	4.90	3.0
Mayurbhanj	..	1	5.10	5.10	4.4
Phulbani	..	1	7.5	4.40	1.4
Puri	..	1	7.00	4.40	..
Sambalpur	..	1	..	5.30	2.8
Sundargarh	..	1	..	5.20	..



## VII. AGRICULTURE

Table No. 7-04—*Concl'd*

Average yield of different crops in Orissa ( Quintals/Hectares )

Year/District	Non-foodgrain—Miscellaneous				
	Sugar cane	Potatoes	Chillies (Dry)	Ginger (Dry)	Tobacco
(1)	(22)	(23)	(24)	(25)	(26)
1971-72	62.60	79.16	7.30	6.78	8.40
1972-73	65.20	51.73	7.36	10.24	8.62
1973-74	58.72	77.19	6.90	9.60	8.00
1974-75	62.50	80.70	5.50	4.30	7.20
1975-76	65.57	86.16	6.00	11.10	6.60
1976-77	62.00	70.50	5.90	7.83	4.70
1977-78	60.47	67.51	5.00	7.70	4.30
1978-79	61.09	72.11	6.64	8.49	4.90
1979-80	60.7	57.3	8.2	10.4	4.7
1980-81	63.0	74.66	7.50	10.80	5.3
1979-80					
Balasore	67.4	53.3	6.2	10.0	4.0
Balangir	53.8	44.3	5.9	..	2.9
Cuttack	67.8	66.8	5.1	7.8	5.0
Dhenkanal	70.0	57.4	3.7	..	3.0
Ganjam	73.9	56.9	8.1	9.8	9.4
Kalahandi	53.2	36.4	3.4	8.0	4.1
Keonjhar	63.2	69.2	1.5	12.0	0.5
Koraput	49.4	36.8	4.8	15.8	5.6
Mayurbhanj	45.9	58.4	5.4	14.0	3.1
Phulbani	51.5	30.1	3.0	6.0	1.0
Puri	71.1	58.1	5.9	11.3	4.2
Sambalpur	55.6	36.8	6.8	2.0	1.4
Sundargarh	45.0	53.1	7.1	..	..
1980-81					
Balasore	69.57	73.92	4.6	10.0	4.5
Balangir	58.14	77.59	6.2	..	4.3
Cuttack	70.55	86.01	9.4	7.5	4.8
Dhenkanal	69.98	78.86	5.5	9.0	2.6
Ganjam	75.78	68.06	10.1	7.8	6.4
Kalahandi	54.70	60.91	4.4	8.0	5.0
Keonjhar	62.70	75.27	5.0	6.0	3.0
Koraput	50.50	56.28	7.7	7.4	5.9
Mayurbhanj	57.90	62.35	6.2	10.0	3.0
Phulbani	55.00	58.11	5.4	20.0	5.5
Puri	69.51	70.62	6.7	10.0	5.3
Sambalpur	58.87	62.10	10.4	4.3	3.0
Sundargarh	44.80	68.29	6.4	6.2	3.5

SOURCE—Directorate of Agriculture and Food Production, Orissa

## VII. AGRICULTURE

Table No. 705

Index numbers of area under different crops in Orissa

(Base—1969-70=100)

Year	Foodgrains—cereals							Total
	Rice	Jowar	Bajra	Maise	Ragi	Small millets	Wheat	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1971-72	107.5	142.5	200.0	110.3	107.1	99.6	143.2	107.5
1972-73	103.5	157.5	150.0	114.7	112.5	108.1	347.7	105.1
1973-74	109.5	165.0	200.0	125.0	115.2	113.0	354.6	111.0
1974-75	102.5	180.1	250.0	142.7	127.9	112.4	375.0	105.4
1975-76	108.3	172.5	300.0	175.0	158.0	133.0	429.6	113.0
1976-77	101.3	247.6	300.0	182.4	170.8	131.8	375.0	107.1
1977-78	101.9	262.6	350.0	191.2	185.5	137.9	463.7	108.7
1978-79	101.1	247.6	400.0	192.7	185.5	140.3	422.8	108.0
1979-80	95.22	169.87	416.0	190.44	179.19	126.62	346.49	101.44
1980-81	96.93	274.66	472.50	265.74	225.78	220.02	447.33	109.47

Year	Foodgrains—Pulses				Total food-grains	Non-foodgrains—Oil-seeds	
	Grain	Tur	Other pulses	Total pulses		Groundnut	Seasamum
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1971-72	87.3	124.0	102.1	102.9	106.8	112.5	84.4
1972-73	141.8	126.5	110.9	112.3	106.2	124.0	91.6
1973-74	152.7	133.9	113.2	115.1	111.6	134.1	84.4
1974-75	152.7	138.8	118.1	119.8	107.5	148.6	93.4
1975-76	159.1	141.3	134.3	135.4	116.4	157.2	106.9
1976-77	162.4	101.7	115.4	115.5	108.4	151.4	100.6
1977-78	180.0	143.8	164.3	163.7	117.0	171.6	125.8
1978-79	240.0	173.6	186.6	187.1	119.9	207.7	146.4
1979-80	188.32	188.67	197.08	146.45	115.77	251.80	162.56
1980-81	230.96	202.83	204.66	205.26	123.91	248.68	140.56

## VII. AGRICULTURE

Table No. 7-05—Concl'd.

Index numbers of area under different crops in Orissa (Based—1969-70)

Year	Non-foodgrains—Oilseeds				Non-foodgrains—Fibres			
	Rape and mustard	Linseed	Castor seeds	Total oil-seeds	Cotton	Jute	Mesta	Total fibres
(1)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
1971-72	95.8	73.9	93.6	93.7	82.7	112.2	113.9	112.3
1972-73	102.1	96.9	115.7	104.0	119.4	90.7	98.7	93.2
1973-74	113.1	78.5	120.0	105.1	306.1	123.6	132.9	127.4
1974-75	135.1	115.4	111.4	119.2	612.4	101.5	140.5	117.8
1975-76	149.2	115.4	167.2	130.3	1,224.7	82.0	140.5	108.2
1976-77	103.7	83.1	102.9	112.3	1,530.6	101.5	144.3	121.9
1977-78	172.8	129.2	128.6	147.6	1,836.7	105.8	140.5	126.0
1978-79	238.8	152.3	158.6	182.8	2,124.9	105.8	140.5	127.4
1979-80	227.09	158.88	179.48	199.26	1,515.16	98.55	145.46	121.86
1980-81	254.63	167.42	190.35	197.61	1,215.15	94.50	159.21	122.89

Year	Non-foodgrains—Miscellaneous						Total Non-food-grains	Total All Com-modities
	Sugarcane	Tobacco	Potato	Chillies (Dry)	Ginger (Dry)	Total miscellan-eous		
(1)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
1971-72	83.0	21.3	24.4	109.1	253.2	76.1	92.8	105.7
1972-73	83.0	97.8	24.4	148.1	253.2	86.3	98.4	105.5
1973-74	109.8	104.4	17.4	159.7	253.2	97.4	107.0	111.2
1974-75	117.9	97.8	20.9	152.0	253.2	98.3	114.0	108.0
1975-76	120.5	110.9	24.4	206.5	379.8	116.0	123.6	116.9
1976-77	120.5	97.8	20.9	206.5	379.8	113.2	114.2	108.8
1977-78	115.2	110.9	24.4	241.6	379.8	122.5	138.5	118.7
1978-79	123.2	130.4	27.9	264.9	379.8	134.5	163.2	123.2
1979-80	125.68	118.20	26.86	250.68	646.03	130.90	171.57	120.10
1980-81	131.35	131.03	28.18	297.35	777.78	147.96	174.62	127.85

SOURCE—Directorate of Agriculture &amp; Food Production, Orissa

## VII. AGRICULTURE

Table No. 7-06

Index numbers of agricultural production in Orissa (Base—1969-70=100)

Year	Foodgrains—Cereals							
	Rice	Jawar	Bajra	Maize	Ragi	Smll millets	Wheat	Total Cereals
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1971-72	94.6	155.2	150.0	110.5	112.6	112.9	243.8	95.9
1972-73	104.0	144.8	75.0	107.0	108.8	121.8	531.3	106.0
1973-74	115.0	175.9	75.0	122.8	105.8	124.8	518.8	116.6
1974-75	82.7	144.8	150.0	129.8	93.0	114.4	537.5	85.1
1975-76	118.4	165.5	225.0	205.3	130.7	142.6	668.8	121.2
1976-77	84.1	196.6	225.0	180.7	104.3	129.2	612.5	87.3
1977-78	112.8	237.9	225.0	214.0	143.6	151.5	793.8	116.8
1978-79	115.0	248.3	300.0	212.3	158.7	153.0	687.5	118.9
1979-80	76.21	125.44	281.95	138.35	110.72	94.59	514.63	78.99
1980-81	112.34	255.74	480.45	305.74	200.12	293.33	765.19	119.00

Year	Foodgrains—Pulses				Non-foodgrains—Oilseeds		
	Gram	Tur	Other pulses	Total pulses	Total food-grains	Ground-nut	Sesamum
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1971-72	60.0	107.5	94.2	94.0	95.7	132.0	100.00
1972-73	105.0	120.9	117.9	117.7	107.2	144.0	113.0
1973-74	105.0	120.9	114.2	114.4	116.4	165.6	102.2
1974-75	105.0	125.4	101.6	103.6	87.1	170.4	100.0
1975-76	112.5	138.8	126.3	126.8	121.8	162.0	117.4
1976-77	90.0	76.1	100.3	97.9	88.4	142.8	93.5
1977-78	127.5	138.8	166.3	162.7	121.6	174.0	141.3
1978-79	172.5	161.2	192.6	189.3	126.2	230.4	169.6
1979-80	127.53	138.82	136.67	136.50	84.98	147.22	103.28
1980-81	196.85	193.59	215.08	212.66	128.76	157.23	160.43

## VII. AGRICULTURE

Table No. 7-06—*Concl'd.*

Index numbers of agricultural production in Orissa (Base—1969-70-100)

Year	Non-foodgrain Oilseeds				Non-foodgrains—Fibres				
	Rape and mustard	Linseed	Castor seed	Total oil-seeds	Cotton	Jute	Mesta	Total Fibres	
(1)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	
1971-72	..	110.5	80.8	122.7	116.5	100.0	117.2	143.1	124.1
1972-73	..	122.4	103.9	143.2	129.8	100.0	119.0	106.2	115.4
1973-74	..	138.2	80.8	129.6	136.8	1,000.0	124.1	143.1	135.1
1974-75	..	134.2	92.3	102.3	135.9	1,000.0	103.5	147.7	121.4
1975-76	..	177.6	126.9	109.1	146.9	1,000.0	91.4	166.2	117.7
1976-77	..	102.6	80.8	77.0	114.4	1,000.0	125.9	156.9	140.1
1977-78	..	189.5	126.9	102.3	160.4	1,000.0	131.0	166.2	146.3
1978-79	..	268.4	161.5	143.2	210.9	1,000.0	136.2	170.8	151.3
1979-80	..	161.41	157.44	105.93	134.52	900.0	99.31	155.56	119.89
1980-81	..	297.41	179.47	155.69	184.05	720.0	96.21	173.60	121.35

Year	Non-foodgrain—Miscellaneous							Total All Commodities
	Sugar-cane	Potato	Tobacco	Chillies (dry)	Ginger (dry)	Total miscellaneous	Total non food-grains	
(1)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
1971-72	..	97.0	16.9	138.5	130.4	60.0	73.4	95.8
1972-73	..	101.0	10.9	150.0	182.6	120.0	84.1	107.1
1973-74	..	121.7	12.4	138.5	182.6	120.0	83.1	115.7
1974-75	..	138.9	14.2	126.9	143.5	60.0	73.9	89.3
1975-76	..	150.0	18.1	126.9	208.7	180.0	90.2	121.2
1976-77	..	139.9	13.9	80.8	202.2	120.0	74.0	89.7
1977-78	..	131.3	14.2	80.8	202.2	120.0	73.7	121.0
1978-79	..	141.9	18.4	115.4	293.5	180.0	139.6	129.6
1979-80	..	141.92	13.31	98.85	228.96	253.29	85.53	88.16
1980-81	..	154.55	18.19	130.57	371.95	322.16	123.89	131.26

SOURCE—Directorate of Agriculture and Food Production, Orissa

## VII. AGRICULTURE

Table No. 7-07

Consumption of chemical fertilisers in Orissa

Year/District	Quantity of consume in M. T.			
	Nitrogenous	Phosphotetics	Potassic (K)	Total
(1)	(2)	(3)	(4)	(5)
1971-72	37,437	8,381	8,011	53,829
1972-73	40,508	9,983	5,856	56,347
1973-74	43,590	11,986	7,492	63,068
1974-75	34,328	9,075	6,198	49,601
1975-76	37,004	9,945	5,801	52,750
1976-77	43,907	10,984	7,045	61,936
1977-78	45,784	12,034	6,858	64,676
1978-79	49,879	13,799	8,113	71,791
1979-80	46,867	13,267	7,242	67,376
1980-81	51,682	15,860	8,821	76,363
1979-80—				
Balasore	3,483	1,019	793	5,295
Balangir	2,884	1,469	536	4,889
Cuttack	9,979	2,440	1,825	14,244
Dhenkanal	1,274	272	232	1,778
Ganjam	11,388	952	666	13,006
Kalahandi	251	95	88	434
Keonjhar	524	340	100	964
Koraput	2,001	634	391	3,026
Mayurbhanj	939	662	222	1,823
Phulbani	479	197	103	779
Puri	4,750	560	544	5,854
Sambalpur	8,156	4,172	1,543	13,871
Sundargarh	759	455	199	1,413
1980-81 —				
Balasore	3,492	1,049	645	5,186
Balangir	3,052	1,456	542	5,050
Cuttack	11,251	2,728	2,295	16,274
Dhenkanal	1,280	428	272	1,980
Ganjam	10,080	809	462	11,351
Kalahandi	249	86	76	411
Keonjhar	532	396	145	1,073
Koraput	2,610	560	471	3,641
Mayurbhanj	914	630	253	1,797
Phulbani	496	270	157	923
Puri	6,389	1,198	1,045	8,632
Sambalpur	10,273	5,564	2,078	17,915
Sundargarh	1,064	686	380	2,130

SOURCE—Directorate of Agriculture &amp; Food Production, Orissa

## VII. AGRICULTURE

Table No. 7-08

Number of agricultural implements in use in Orissa

Number of Agricultural Implements							
Year/ District		Plough			Sugarcane crushers		
		Wooden	Iron	Total	Worked by bullocks	Worked by power	Total
		(1)	(2)	(3)	(4)	(5)	(6)
1961	..	2,278,471	11,412	2,289,883	12,183	736	12,919
1966	—	2,775,297	28,003	2,803,300	12,855	5,469	18,324
1972	..	2,715,156	79,593	2,794,749	18,426	7,730	26,156
1977	..	3,140,772	151,796	3,292,568	2,500	10,751	13,251
1977—							
Balasore	..	379,934	4,835	384,769	320	22	342
Balangir	..	180,511	33	180,544	18	2,085	2,103
Cuttack	..	580,409	104,554	684,963	3	1,053	1,056
Dhenkanal	..	139,625	263	139,888	..	264	264
Ganjam	..	213,272	1,366	214,638	7	380	387
Kalahandi	..	199,053	2,426	201,479	2,100	793	2,893
Keonjhar	..	155,453	845	156,298	3	62	65
Koraput	..	337,276	12,943	350,219	9	1,551	1,560
Mayurbhanj	..	157,813	416	158,229	7	43	50
Phulbani	..	84,543	186	84,729	4	203	207
Puri	..	293,993	22,618	316,611	..	194	194
Sambalpur	..	282,710	1,017	283,727	16	3,071	3,087
Sundargarh	..	136,180	294	136,474	13	1,030	1,043

## VII. AGRICULTURE

Table No. 7·08—Contd.

Number of Agricultural Implements in use in Orissa

Year/ District		Number of Agricultural Implements						
		Carts	Oil engines	Electric pump and pumps for tube-well	Tractors	Ghannies with crushing capacity		
						Less than 5 seers	5 seers or more	Total
(1)		(8)	(9)	(10)	(11)	(12)	(13)	(14)
1971	..	512,030	1,203	140	194	4,322	4,967	9,289
1972	..	597,247	710	189	667	5,221	4,411	9,632
1973	..	587,206	5,579	404	1,748	6,589	3,728	10,317
1977	..	N.A.	43,247	888	1,447	2,618	748	3,366
1977—								
Balasore	..	N.A.	39	8	6	116	32	148
Balangir	..	N.A.	380	57	..	290	64	354
Cuttack	..	N.A.	37,403	237	10	206	35	241
Dhenkanal	..	N.A.	101	16	..	19	10	29
Ganjam	..	N.A.	1,257	79	1	132	90	222
Kalahandi	..	N.A.	170	40	36	361	186	547
Keonjhar	..	N.A.	43	20	28	27	18	45
Koraput	..	N.A.	2,183	54	23	82	24	106
Mayurbhanj	..	N.A.	..	11	..	5	19	24
Phulbani	..	N.A.	73	..	..	N.A.	N.A.	N.A.
Puri	..	N.A.	1,089	208	1,320	442	..	442
Sambalpur	..	N.A.	273	82	7	925	261	1,186
Sundargarh	..	N.A.	236	76	16	13	9	22

SOURCE—Directorate of Agriculture and Food Production, Orissa



**VII. IRRIGATION**  
**Table No. 7-09**  
**Sources-wise irrigated area in Orissa**

(Figures in hectares)

Year/District		Major and Medium Irrigation Projects		Minor Flow Irrigation Projects	
		Kharif	Rabi	Kharif	Rabi
(1)		(2)	(3)	(4)	(5)
1975-76	..	654,890	225,560	233,445	57,478
1976-77	..	673,690	247,420	271,472	34,737
1977-78	..	632,010	286,970	279,294	37,973
1978-79	..	704,580	338,250	288,038	40,985
1979-80	..	731,170	347,290	267,116	16,508
1980-81	..	750,000	359,710	270,456	16,370
1979-80—					
Balasore	..	59,570	19,730	4,849	1,874
Balangir	..	43,470	21,710	9,421	989
Cuttack	..	210,920	117,550	12,749	8
Dhenkanal	..	8,070	3,240	20,922	..
Ganjam	..	94,490	3,060	100,949	4,226
Kalahandi	..	12,440	3,450	16,800	3,078
Keonjhar	..	7,220	3,000	9,190	938
Koraput	..	2,820	2,250	13,179	1,136
Mayurbhanj	..	11,100	1,560	22,046	24
Phulbani	..	19,870	2,020	8,856	184
Puri	..	144,440	89,940	20,023	2,252
Sambalpur	..	114,150	78,160	17,282	950
Sundargarh	..	2,610	1,620	10,850	849
1980-81—					
Balasore	..	71,070	18,180	5,106	1,874
Balangir	..	43,528	21,710	10,750	989
Cuttack	..	196,780	117,550	12,756	..
Dhenkanal	..	8,700	3,240	20,880	..
Ganjam	..	96,465	4,000	100,898	4,127
Kalahandi	..	12,190	3,580	16,886	3,070
Keonjhar	..	7,510	3,000	9,346	938
Koraput	..	2,820	2,250	13,435	1,100
Mayurbhanj	..	11,250	3,280	22,005	..
Phulbani	..	19,797	2,020	8,658	184
Puri	..	163,130	100,600	20,226	2,252
Sambalpur	..	114,150	78,680	18,293	987
Sundargarh	..	2,610	1,620	11,217	849

## VII. IRRIGATION

Table No. 7-09—(Concl'd.)

Sources-wise irrigated area in Orissa

(Figures in hectares)

Year/District	Minor (Lift) Irrigation Projects, C. D. and other private sources		Total from all sources		
	Kharif	Rabi	Kharif	Rabi	Total
(1)	(6)	(7)	(8)	(9)	(10)
1975-76 ..	126,593	80,709	1,014,928	363,747	1,378,675
1976-77 ..	104,212	31,780	1,049,374	313,937	1,363,311
1977-78 ..	100,129	32,184	1,071,433	357,127	1,428,560
1978-79 ..	140,629	61,026	1,133,247	440,261	1,573,508
1979-80 ..	172,407	89,482	1,170,693	453,280	1,623,973
1980-81 ..	176,078	111,134	1,196,534	487,214	1,683,748
1979-80—					
Balasore —	7,372	4,949	71,791	26,553	98,344
Balangir ..	14,369	9,842	67,260	32,541	99,801
Cuttack ..	17,350	16,894	241,019	134,452	375,471
Dhenkanal ..	10,806	6,909	39,798	10,149	49,947
Ganjam ..	44,985	17,550	240,424	24,836	265,260
Kalahandi ..	9,628	3,990	38,868	10,518	49,387
Keonjhar ..	6,305	2,661	22,715	6,599	29,314
Koraput —	16,657	6,200	32,656	9,586	42,242
Mayurbhanj ..	9,153	2,129	42,299	3,713	46,012
Phulbani ..	2,818	2,024	31,544	4,228	35,772
Puri ..	16,368	8,351	180,831	100,543	281,374
Sambalpur ..	11,145	5,012	142,577	84,122	226,699
Sundargarh ..	5,451	2,971	18,911	5,440	24,351
1980-81—					
Balasore ..	5,682	5,957	81,858	26,011	107,869
Balangir ..	15,229	12,297	69,507	34,996	104,503
Cuttack ..	15,912	16,014	225,448	133,564	359,012
Dhenkanal ..	11,183	8,132	41,393	11,372	52,765
Ganjam ..	45,594	19,773	242,957	27,900	270,857
Kalahandi ..	10,603	5,338	39,679	11,988	51,667
Keonjhar ..	6,371	2,732	23,227	6,670	29,897
Koraput ..	16,526	11,633	32,751	14,983	47,764
Mayurbhanj ..	9,149	2,988	42,404	6,268	48,672
Phulbani ..	3,215	2,658	31,670	4,862	36,532
Puri ..	1,947	10,147	201,701	112,999	314,700
Sambalpur ..	11,871	7,416	144,314	87,083	231,397
Sundargarh ...	5,768	6,049	19,695	8,518	28,213

SOURCE—Directorate of Agriculture &amp; Food Production, Orissa

## AGRICULTURE

Table No. 7-10

Number of Operational Holdings and area operated by size class of Operational Holdings in Orissa

(Area in Hectares)

Census year and Districts	Below 1.00 Hectares		1.00 to 1.99 Hectares		2.00 to 3.99 Hectares	
	No. of holdings	Area	No. of holdings	Area	No. of holdings	Area
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1970-71 ..	1,475,539	769,950.76	1,120,719	1,713,914.70	452,610	1,362,671.80
1976-77 ..	1,666,014	850,825.09	1,040,942	1,462,024.82	600,542	1,595,837.82
1970-71						
Balasore ..	153,386	81,254.06	120,123	193,517.77	48,159	140,853.96
Balangir ..	42,929	25,598.00	58,561	90,872.00	29,139	89,594.00
Cuttack ..	334,775	139,312.35	206,474	280,329.99	56,133	167,709.93
Dhenkanal ..	118,156	63,234.20	89,415	135,438.31	27,845	83,643.12
Ganjam ..	162,769	77,980.10	71,708	108,962.93	22,893	67,638.42
Kalahandi ..	25,186	15,869.00	41,007	66,898.00	27,096	84,242.46
Keonjhar ..	30,322	24,759.90	48,448	80,808.82	21,636	67,246.46
Koraput ..	119,562	88,841.23	116,564	191,867.90	62,859	192,029.68
Mayurbhanj ..	88,245	51,353.00	63,465	99,187.00	31,350	96,716.00
Phulbani ..	31,059	18,003.87	36,129	63,066.68	11,927	35,325.84
Puri ..	180,991	81,015.00	87,822	121,230.00	25,417	71,438.00
Sambalpur ..	159,542	85,680.05	139,267	212,764.30	62,683	186,568.39
Sundargarh ..	28,617	17,050.00	41,736	68,971.00	25,473	79,666.00
1976-77						
Balasore ..	144,421	67,901.94	75,083	101,483.96	56,674	144,130.42
Balangir ..	85,757	46,129.08	55,474	76,236.44	48,736	129,255.20
Cuttack ..	307,004	151,159.97	191,517	259,805.19	66,293	166,666.31
Dhenkanal ..	111,454	61,303.88	97,471	130,999.56	37,204	97,311.54
Ganjam ..	237,895	111,424.07	68,930	93,781.59	35,755	91,979.83
Kalahandi ..	49,368	31,090.60	41,669	58,330.60	44,969	131,348.71
Keonjhar ..	64,059	36,572.97	46,977	66,984.33	31,997	87,341.06
Koraput ..	107,732	64,605.24	115,702	166,061.69	80,497	217,631.64
Mayurbhanj ..	93,707	55,556.18	60,690	117,722.62	35,945	98,007.60
Phulbani ..	47,485	24,706.84	27,763	40,852.22	18,102	46,832.72
Puri ..	220,461	104,053.95	83,310	111,532.08	41,964	109,539.49
Sambalpur ..	129,088	69,150.70	137,156	182,220.47	69,261	182,595.30
Sundargarh ..	67,583	27,009.67	39,198	56,011.07	33,145	93,198.00

## AGRICULTURE

Table No. 7-10

Number of Operational Holdings and area operated by size class of Operational Holdings in Orissa—*Contd.*  
(Area in Hectares)

Census year and Districts	4.00 to 9.99 Hectares		10 hectares and above		All sizes	
	No. of Holdings	Area	No. of Holdings	Area	No. of Holdings	Area
(1)	(8)	(9)	(10)	(11)	(12)	(13)
1970-71 ..	309,414	1,793,156.94	49,136	807,445.84	3,407,418	6,447,140.04
1976-77 ..	232,789	1,301,659.77	35,791	521,085.99	3,576,078	5,731,433.49
1970-71						
Balasore ..	25,968	144,931.06	2,100	30,810.32	349,736	591,367.17
Balangir ..	29,441	173,544.00	7,084	110,618.00	167,154	490,226.00
Cuttack ..	27,975	141,705.55	2,645	38,984.66	628,002	768,042.48
Dhenkanal ..	15,607	86,731.46	2,191	40,549.46	253,214	409,596.55
Ganjam ..	11,547	63,989.05	1,785	33,458.59	270,702	352,029.09
Kalahandi ..	43,231	279,904.00	6,681	119,052.00	143,201	365,965.00
Keonjhar ..	12,161	75,770.02	1,207	20,723.46	113,774	269,308.66
Koraput ..	46,219	265,864.61	9,663	145,291.46	354,867	883,894.88
Mayurbhanj ..	14,117	82,743.00	1,567	26,568.00	199,744	356,567.00
Phulbani ..	5,488	30,980.12	1,013	15,721.27	85,616	163,097.78
Puri ..	13,762	86,552.00	1,870	26,681.00	309,862	386,916.00
Sambalpur ..	42,350	242,456.07	8,624	153,801.62	412,466	881,270.43
Sundargarh ..	20,548	117,986.00	2,706	45,186.00	119,080	328,859.00
1976-77						
Balasore ..	18,198	97,484.02	1,630	22,091.70	296,006	433,092.04
Balangir ..	22,017	126,364.12	4,759	70,598.66	216,745	448,583.50
Cuttack ..	26,131	139,825.85	2,169	28,877.10	593,114	746,334.42
Dhenkanal ..	10,002	53,938.39	925	14,591.08	257,056	358,144.45
Ganjam ..	12,075	67,491.12	964	12,678.25	355,619	377,354.86
Kalahandi ..	23,561	135,600.80	4,494	83,651.85	164,061	420,022.56
Keonjhar ..	8,530	47,791.95	520	6,941.03	152,083	245,731.34
Koraput ..	43,089	249,195.78	10,587	122,757.55	357,607	850,254.90
Mayurbhanj ..	12,080	66,140.47	828	12,030.97	203,250	349,457.84
Phulbani ..	5,355	29,412.93	580	8,969.93	99,285	150,774.64
Puri ..	10,534	57,269.28	978	12,657.63	357,247	395,052.43
Sambalpur ..	28,376	157,694.31	5,980	96,404.86	369,861	688,065.64
Sundargarh ..	12,841	73,450.75	1,377	18,835.38	154,144	268,564.87

### VIII. LIVE-STOCK AND ANIMAL HUSBANDRY

The Statistical tables presented in this chapter contain the information on number of live-stock and poultry, Veterinary Institutions functioning, Veterinary Surgeons working, animals treated in Veterinary Institutions and cattle attacked by and died of various contagious diseases in the State.

*Live-Stock and Poultry*—Live-stock census is conducted once in every five years. According to the live-stock census conducted in 1977—the total live-stock population of Orissa was 186 lakhs, as against 176 lakhs during 1972 census, thereby recording 6 per cent increase. The live-stock population in Cuttack district with 26 lakhs was highest and in Phulbani district with 8 lakhs was lowest, among the districts during the census year 1977. Total number of poultry was 96 lakhs during the census year 1977 as against 85 lakhs during the census year 1972 with an increase of 13 per cent. Number of poultry was highest in Koraput district with 14 lakhs and was lowest in Dhenkanal district with 3 lakhs, during the year 1977, of the total live-stock population in 1977, cattle, buffalows, goats and sheeps were about 65 per cent, 7 per cent, 18 per cent and 7.5 per cent respectively. Number of Cattle was highest in Cuttack district (19 lakhs) followed by Koraput district (13 lakhs) and Puri district (12 lakhs).

*Treatment of animals*—There were 502 veterinary hospitals and dispensaries with 513 surgeons working there, during the year 1980-81, in the State, as against 452 hospitals and dispensaries with 448 surgeons during the year 1979-80. The number of live-stock population per hospital and dispensary was 37 thousand in 1980-81. Number of animals treated, inoculated, castrated and artificially inseminated in all Veterinary Institutions, were 92 lakhs, 39 lakhs, 18 lakhs and 4 lakhs respectively during the year 1980-81 as against 76 lakhs, 54 lakhs, 19 lakhs and 3 lakhs respectively during the year 1979-80.

*Contagious Cattle diseases*—During the year 1980-81, 17 thousand cattles were attacked by and one thousand were died of various contagious diseases, as against 15 thousand and 1.28 thousand in the previous year, in the State. Incidence of Foot and Mouth disease was severe and 15 thousand and 13 thousand cattles were attacked during 1980-81 and 1979-80 respectively.



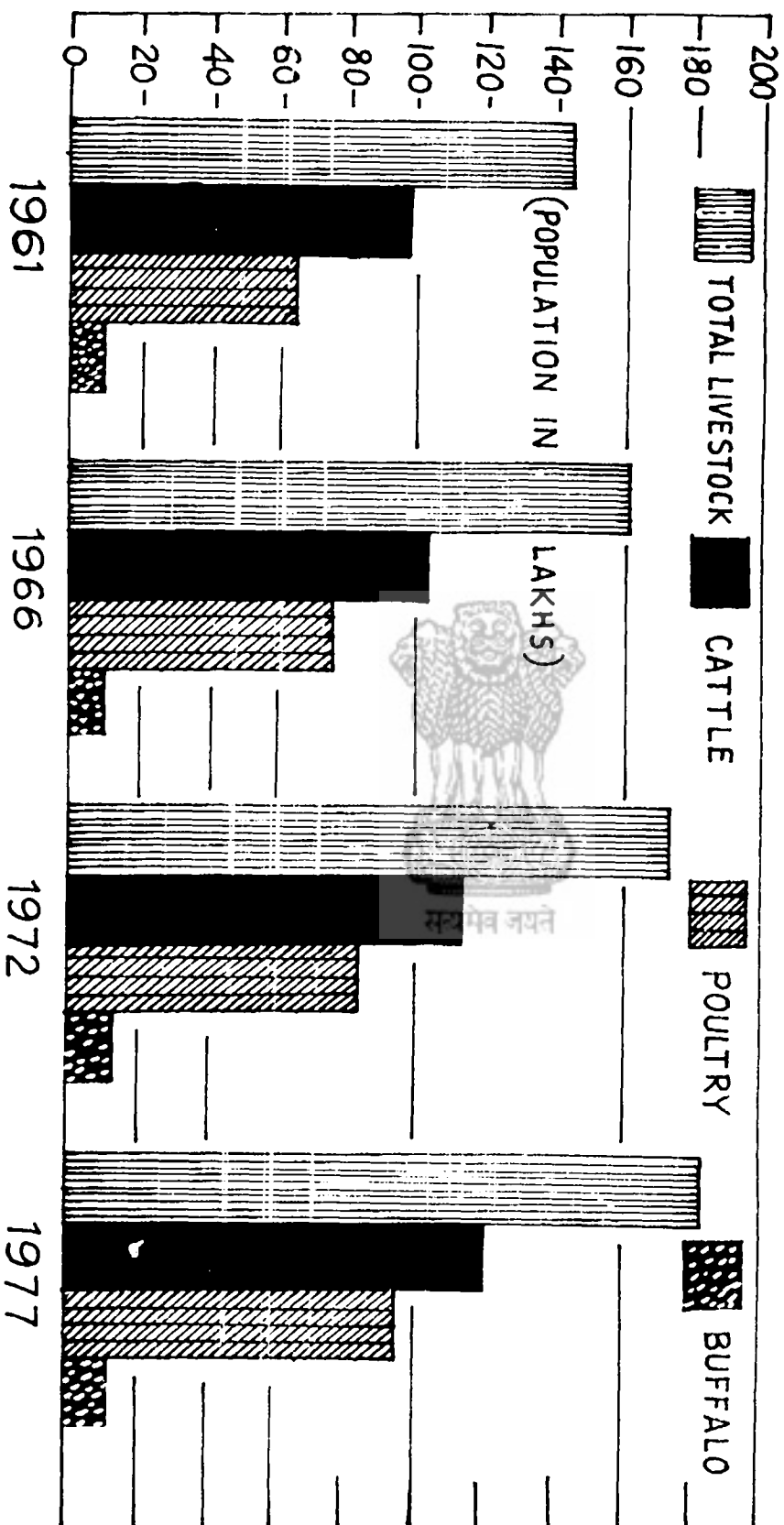
## LIVE-STOCK AND ANIMAL HUSBANDRY

Table No. 8-01

Number of Live-stock and Poultry in Orissa

Period and district	Cattle				
	Male over 3 years				Total
	Breeding Bulls	Used for breed and work both	Working bullocks	Bullocks not in use	
(1)	(2)	(3)	(4)	(5)	(6)
1961 ..	..	27,693	4,199,763	113,985	4,341,441
1966 ..	..	24,611	4,187,888	89,180	4,301,679
1972 ..	22,077	75,811	4,464,425	101,017	4,663,330
1977 ..	12,717	20,385	4,780,571	55,220	4,868,893
1977—					
Balasore ..	1,543	138	422,141	7,887	431,709
Balangir ..	126	71	298,258	1,324	299,779
Cuttack ..	1,863	475	652,235	9,741	664,314
Dhenkanal ..	933	2,351	300,514	1,371	305,169
Ganjam ..	2,148	3,320	400,498	1,883	407,849
Kalahandi ..	379	681	260,482	1,982	263,524
Keonjhar ..	422	782	238,528	2,214	241,946
Koraput ..	1,819	8,325	545,509	9,192	564,848
Mayurbhanj ..	469	2,124	350,374	4,715	357,682
Phulbani ..	460	1,039	174,654	1,393	177,546
Puri ..	1,169	128	405,740	3,648	410,685
Sambalpur ..	821	89	493,676	4,481	498,067
Sundargarh ..	565	862	238,962	5,389	245,778

# NUMBER OF LIVESTOCK AND POULTRY IN THE STATE OF ORISSA



## LIVE-STOCK AND ANIMAL HUSBANDRY

Table No. 8-01—Contd.

Number of Live-stock and Poultry in Orissa

Period and district	Cattle					
	Female over 3 years				Young stock	Total cattle
	Breeding	Cows used for work only	Cows not in use	Total		
(1)	(7)	(8)	(9)	(10)	(11)	(12)
1961 ..	2,788,704	186,889	63,070	3,038,663	2,429,576	9,809,680
1966 ..	3,158,479	155,797	104,315	3,418,591	2,812,202	10,532,472
1972 ..	3,781,491	204,727	55,174	4,041,392	2,700,880	11,495,602
1977 ..	4,064,213	91,586	29,287	4,185,086	3,066,925	12,120,904
1977						
Balasore ..	362,774	421	3,305	366,500	278,643	1,076,852
Balangir ..	234,659	430	1,156	236,245	172,747	708,771
Cuttack ..	673,496	283	2,014	676,093	510,044	1,850,451
Dhenkanal ..	297,844	1,324	1,681	300,549	212,749	818,467
Ganjam ...	390,389	2,593	465	393,447	277,563	10,78,859
Kalahandi ..	176,510	2,637	1,358	180,505	146,800	590,829
Keonjhar ..	178,936	5,419	1,483	185,838	136,991	564,775
Koraput ..	392,970	56,213	4,622	453,805	305,702	1,324,352
Mayurbhanja ..	219,637	12,201	2,897	234,735	169,483	761,900
Phulbani ..	161,174	7,500	1,265	169,999	102,390	449,935
Puri ...	460,746	403	2,979	464,128	337,574	1,212,387
Sambalpur ..	340,131	443	3,420	343,994	281,359	1,123,420
Sundargarh ..	174,947	1,959	2,342	179,248	134,880	559,906



## VIII. LIVESTOCK AND ANIMAL HUSBANDRY

Table No. 8-01—Contd.

Number of Live-stock and Poultry in Orissa—Contd.

Period and district		Buffaloes				
		Males over 3 years				Total
		Breeding	Used for breed and work both	Working	Not for use	
(1)		(13)	(14)	(15)	(16)	(17)
1961	..	..	74,089	443,752	28,053	545,894
1966	..	..	38,779	475,758	19,277	533,814
1972	..	19,613	41,648	539,191	29,896	630,348
1977	..	5,329	22,301	522,948	4,000	554,578
1977						
Balasore	..	359	311	2,317	48	3,035
Balangir	..	57	5,363	19,303	196	24,919
Cuttack	..	556	345	18,532	190	19,633
Dhenkanal	..	190	1,826	36,618	141	38,775
Ganjam	..	336	575	64,619	292	65,822
Kalahandi	..	1,554	1,926	54,666	358	58,504
Keonjhar	..	387	751	14,022	212	15,372
Koraput	..	1,130	4,103	105,743	1,321	112,297
Mayurbhanj	..	206	3,608	25,070	258	29,142
Phulbani	..	161	976	29,255	228	30,620
Puri	..	189	387	40,410	72	41,058
Sambalpur	..	133	1,767	76,955	232	79,087
Sundargarh	..	71	363	35,438	452	36,324

## VIII. LIVESTOCK AND ANIMAL HUSBANDRY

Table No. 8-01—Contd.

Number of Live-stock and poultry in Orissa

Period and district		Buffaloes				Young stock	Total Buffaloes
		Females over 3 years			Total		
		Breeding	Used for work only	Not in use			
(1)		(18)	(19)	(20)	(21)	(22)	(23)
1961	..	253,313	40,878	11,655	305,846	223,228	1,074,968
1966	..	337,345	38,405	15,941	331,691	278,976	1,204,481
1972	..	387,258	40,843	12,657	440,758	327,907	1,359,013
1977	..	414,989	16,498	3,768	435,255	329,326	1,319,159
1977							
Balasore	..	10,449	81	631	11,161	6,783	20,979
Balangir	..	36,602	441	166	37,209	28,796	90,924
Cuttack	..	37,800	101	133	38,094	22,297	80,014
Dhenkanal	..	58,446	157	273	58,876	36,817	134,468
Ganjam	..	44,261	462	84	44,807	31,244	141,873
Kalahahdi	..	31,768	2,509	489	34,766	71,259	164,529
Keonjhar	..	12,302	1,237	149	13,688	10,535	39,595
Koraput	..	66,928	7,405	859	75,193	47,611	235,101
Mayurbhanj	..	10,620	1,108	284	12,012	7,226	48,380
Phulbani	..	24,922	1,930	226	27,078	17,356	75,054
Puri	..	39,741	444	150	40,335	18,941	100,334
Sambalpur	..	25,790	302	153	26,245	21,415	126,747
Sundargarh	..	15,300	320	171	15,791	9,046	61,161

## VIII. LIVES-TOCK AND ANIMAL HUSBANDRY

Table No. 8-01—*Contd.*

Number of Live-stock and Poultry in Orissa

Period and district	Sheep	Goats	Horses and ponies	Mulds and donkies	Camels	Pigs
(1)	(24)	(25)	(26)	(27)	(28)	(29)
1961 ..	993,801	2,381,518	58,166	1,441	88	208,589
1966 ..	1,181,835	3,081,139	66,616	15,195	..	180,188
1972 —	1,369,416	2,883,775	29,524	3,939	..	386,907
1977 ..	1,432,209	3,416,395	3,675	225	—	294,849
1977						
Balasore ..	9,729	314,421	306	..	..	9,055
Balangir ..	171,618	195,482	218	9	..	2,473
Cuttack ..	216,285	448,050	319	3	..	14,243
Dhenkanal ..	69,556	207,205	340	..	..	1,389
Ganjam ..	90,157	247,564	396	121	..	21,823
Kalahandi ..	129,602	143,483	77	10	..	3,212
Keonjhar —	61,480	197,564	130	1	..	14,363
Koraput ..	185,821	367,464	949	9	..	92,528
Mayurbhanj ..	148,562	384,021	15	18	..	54,455
Phulbani ..	47,625	164,239	4	—	..	26,612
Puri ...	169,288	253,972	239	54	..	1,352
Sambalpur ..	78,643	258,772	191	..	..	5,268
Sundargarh ..	53,843	234,158	491	..	..	48,076

## VIII. LIVE STOCK AND ANIMAL HUSBANDRY

Table No. 8·01—*Concl'd.*

Number of livestock and poultry in Orissa

Period and District		Total livestock	Poultry			
			Fowls	Ducks	Others	Total poultry
(1)		(30)	(31)	(32)	(33)	(34)
1961	..	14,528,251	6,194,102	163,883	289,667	6,647,652
1966	..	16,261,926	7,342,619	161,388	194,035	7,698,042
1972	..	17,568,176	8,022,528	325,782	103,935	8,452,245
1977	..	18,587,416	N.A.	N.A.	N.A.	9,571,447
1977						
Balasore	..	1,431,342	..	..	..	581,780
Balangir	..	1,169,495	..	..	..	462,993
Cuttack	..	2,509,365	..	..	..	994,279
Dhenkanal	..	1,231,425	..	..	..	264,421
Ganjam	..	1,580,793	..	..	..	504,558
Kalahandi	..	1,031,742	..	..	..	843,754
Keonjhar	..	877,908	..	..	..	633,747
Koraput	..	2,206,224	..	..	..	1,443,996
Mayurbhanj	..	1,397,351	..	..	..	1,337,813
Phulbani	..	763,469	..	..	..	500,071
Puri	..	1,737,626	..	..	..	671,344
Sambalpur	..	1,593,041	..	..	..	675,132
Sundargarh	..	957,635	..	..	..	657,559

SOURCE—Live Stock Census Reports

## VIII. LIVE STOCK AND ANIMAL HUSBANDRY

Table No. 8-02

Number of animals treated and castrated at the Veterinary Institution in Orissa

Year/District	Number of					
	Veterinary Hospitals and Dispensaries	Veterinary Surgeons	Patients treated	Innoculations done	Castrations done	Artificial insemination done
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971-72	361	361	6,796,715	4,212,826	1,147,299	135,200
1972-73	364	367	8,379,441	3,945,541	1,400,617	146,710
1973-74	366	371	7,633,248	4,558,988	1,325,232	146,239
1974-75	374	449	8,899,297	4,667,290	2,273,750	169,599
1975-76	374	379	7,766,512	5,994,442	1,370,930	184,136
1976-77	374	526	5,218,416	1,06,65,812	779,070	233,329
1977-78	392	481	10,914,272	1,36,48,282	1,652,459	205,887
1978-79	412	412	6,483,784	4,480,471	1,284,412	303,508
1979-80	452	448	7,566,238	5,390,564	1,866,850	349,060
1980-81	502	513	9,166,072	3,920,699	1,841,142	362,986
1979-80—						
Balasore	—	28	771,568	554,657	152,616	28,078
Balangir	..	28	359,504	336,349	67,793	5,953
Cuttack	..	56	898,735	985,689	156,784	164,785
Dhenkanal	..	29	572,694	289,489	77,389	20,746
Ganjam	..	39	703,816	521,313	127,200	19,905
Kalahandi	..	26	389,453	333,566	93,339	4,571
Keonjhar	..	20	329,250	301,367	71,674	4,009
Koraput	..	55	799,286	503,156	251,049	5,738
Mayurbhanj	..	36	632,988	194,655	186,363	16,513
Phulbani	..	24	293,829	348,279	69,443	1,786
Puri	..	42	644,205	367,603	439,730	47,118
Sambalpur	..	42	637,439	441,816	96,004	24,571
Sundargarh	..	27	533,471	212,625	77,466	5,953
1980-81—						
Balasore	..	32	859,445	511,194	258,093	30,416
Balangir	..	31	509,552	173,491	87,545	6,319
Cuttack	..	63	892,840	641,437	181,914	166,012
Dhenkanal	..	33	537,567	165,448	76,916	21,503
Ganjam	..	44	1,166,161	293,287	157,257	21,132
Kalahandi	..	29	334,747	207,604	175,802	4,178
Keonjhar	..	22	230,206	248,474	57,265	7,021
Koraput	..	63	794,293	359,962	147,484	6,279
Mayurbhanj	..	38	375,157	103,097	126,719	17,314
Phulbani	..	25	483,117	249,176	128,255	1,223
Puri	..	46	1,517,191	591,740	248,630	48,956
Sambalpur	..	47	881,938	265,422	121,781	25,769
Sundargarh	..	29	583,858	110,367	73,481	6,864

SOURCE—Directorate of V. S. &amp; A. H., Orissa

## VIII. LIVESTOCK AND ANIMAL HUSBANDRY

Table No. 8-03

Seizures and deaths of cattle from various contagious diseases in Orissa

Year/District	Rinderpest		Haemorrhagic septicaemia		Anthrax	
	Seizures	Deaths	Seizures	Deaths	Seizures	Deaths
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971-72	1,045	470	461	324	..	..
1972-73	2,274	671	311	194	17	6
1973-74	122	62	125	88	..	..
1974-75	116	44	597	394	..	..
1975-76	404	267	358	209	59	26
1976-77	1,048	453	2,963	143	78	68
1977-78	566	173	146	81	80	38
1978-79	895	206	417	352	59	34
1979-80	666	177	427	226	399	192
1980-81	209	93	292	173	982	304
1979-80—						
Balasore	..	..	..	..	..	..
Balangir	—	—	..	..	..	..
Cuttack	..	..	..	..	..	..
Dhenkanal	522	103	139	86	..	..
Ganjam	132	62	..	..	..	..
Kalahandi	9	9	4	4	..	..
Konjhar	..	..	4	3	13	9
Koraput	..	..	36	30	12	5
Mayurbhanj	..	..	..	..	..	..
Phulbani	..	..	..	..	..	..
Puri	..	..	..	..	..	..
Sambalpur	3	3	201	81	188	72
Sundargarh	..	..	43	22	186	106
1980-81—						
Balasore	..	..	16	8	..	..
Balangir	..	..	..	..	..	..
Cuttack	—	..	1	..	..	..
Dhenkanal	25	22	52	35	..	..
Ganjam	117	44	14	13	..	..
Kalahandi	9	9	28	28	..	..
Konjhar	..	—	..	..	723	183
Koraput	58	18	12	12	..	..
Mayurbhanj	..	..	..	..	..	..
Phulbani	..	..	25	18	..	..
Puri	..	..	..	—	—	..
Sambalpur	—	..	67	40	114	57
Sundargarh	—	..	77	19	145	64

## VIII. LIVESTOCK AND ANIMAL HUSBANDRY

Table No. 8.03 (Concl'd.)

Seizures and deaths of cattle from various contagious diseases in Orissa

Year/District	Black Quarter		Foot and mouth disease		Other contagious disease		Total		
	Seizures	Deaths	Seizures	Deaths	Seizures	Deaths	Seizures	Deaths	
	(1)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1971-72	183	111	68,716	41	28,149	1,743	98,554	2,689	
1972-73	331	31	11,243	57	19,116	1,392	32,994	2,351	
1973-74	141	41	22,092	86	20,926	1,209	43,406	1,486	
1974-75	643	448	21,691	151	28,278	672	47,112	1,709	
1975-76	98	80	16,457	29	2,312	260	19,688	871	
1976-77	1,382	62	13,754	10	230	230	19,455	966	
1977-78	63	38	4,994	137	..	..	5,849	467	
1978-79	483	347	14,364	144	520	360	16,738	1,443	
1979-80	703	444	12,518	31	371	211	15,084	1,281	
1980-81	199	110	14,714	37	654	193	17,050	910	
1979-80—									
Balasore	..	23	21	159	9	..	..	182	30
Balangir	..	..	..	..	..	..	..	..	..
Cuttack	..	11	7	2,190	..	..	..	2,201	7
Dhenkanal	..	68	46	8,297	12	85	85	9,111	332
Ganjam	..	7	7	431	9	..	..	570	78
Kalahandi	..	..	..	..	..	..	..	13	13
Keonjhar	..	159	55	..	..	..	..	176	67
Koraput	..	159	98	190	..	..	..	397	133
Mayurbhanj	..	10	5	96	..	..	..	106	5
Phulbani	..	..	..	..	..	..	..	..	..
Puri	..	..	..	..	..	..	..	..	..
Sambalpur	..	127	68	1,048	1	286	126	1,853	351
Sundargarh	..	139	137	107	..	..	..	475	265
1980-81—									
Balasore	..	41	15	657	10	200	20	914	53
Balangir	..	..	..	..	..	182	17	182	17
Cuttack	..	..	..	302	..	..	..	303	0
Dhenkanal	..	93	56	2,492	10	9	7	2,671	133
Ganjam	..	25	13	234	8	..	..	390	78
Kalahandi	..	..	..	..	..	..	..	37	37
Keonjhar	..	..	..	369	0	..	..	1,092	183
Koraput	..	..	..	212	3	19	5	301	38
Mayurbhanj	..	18	12	323	0	..	..	341	12
Phulbani	..	..	..	..	..	..	..	25	18
Puri	..	..	..	3,682	0	..	..	3,682	0
Sambalpur	..	21	13	3,695	6	244	144	4,141	260
Sundargarh	..	1	1	2,748	0	..	..	2,971	84

SOURCE—Directorate of V. S. &amp; A. H., Orissa

## IX. FOREST

This chapter contains statistics on forest area by legal status, outturn of major and minor forest products and revenue derived therefrom in Orissa. The forest division-wise break-up of the forest area has also been presented.

*Area under forest*—Total forest area in Orissa at the close of the year 1980-81 stood at '60' thousand Sq. Kms., as against '68' thousand Sq. Kms., in the year 1978-79 recording decrease of 8 thousand Sq. Kms. of forest area. In case of reserved forest the area which stood at '25' thousand Sq. Kms. at the close of the year 1980-81 was '27' thousand Sq. Kms., in the year 1978-79 recording decrease of two thousand Sq. Kms. The area of the protected forest in the State has also decreased from '43' thousand Sq. Kms. to '35' thousand Sq. Kms. during the period from 1971-72 to 1980-81. The decrease is about 19 per cent. The total forest area under Rayagada, Parlakhemundi, Kalahandi, Jeypur were the highest with 65, 43, 38, '3' thousand Sq. Kms. respectively during the year 1980-81. But Chandbali, Karanja, Ghumusar-North were at lowest level with 172, 734, 919, Sq. Kms. respectively in the year 1980-81. As regards reserved forest S. F. D. C. Forest Division has highest record with 2,328 Sq. Kms. and Nawrangpur Forest Division has lowest record with 144 Sq. Kms. during the year 1980-81. The protected forest area in Rayagada Forest Division was the highest with six thousand Sq. Kms. in the year 1980-81 and lowest in Ghumusar north Forest Division with '6' Sq. Kms. only.

*Out-turn of forest produces*—The major forest produces are timber and fuel. The out-turn of these two products has decreased from 11.5 lakh cubic metre to 10.5 lakhs cubic metre in 1980-81. The out-turn during the year 1980-81 was declined by 9 per cent over that of the year 1979-80. Among the minor forest produces, Kendu, leaf is one of the major items. After nationalisation of Kendu, leaf trade during the year 1973 its production has increased to a great extent. Bamboo production has increased from 9.93 crores in number during the year 1979-80 to 12.54 crores in number in 1980-81.

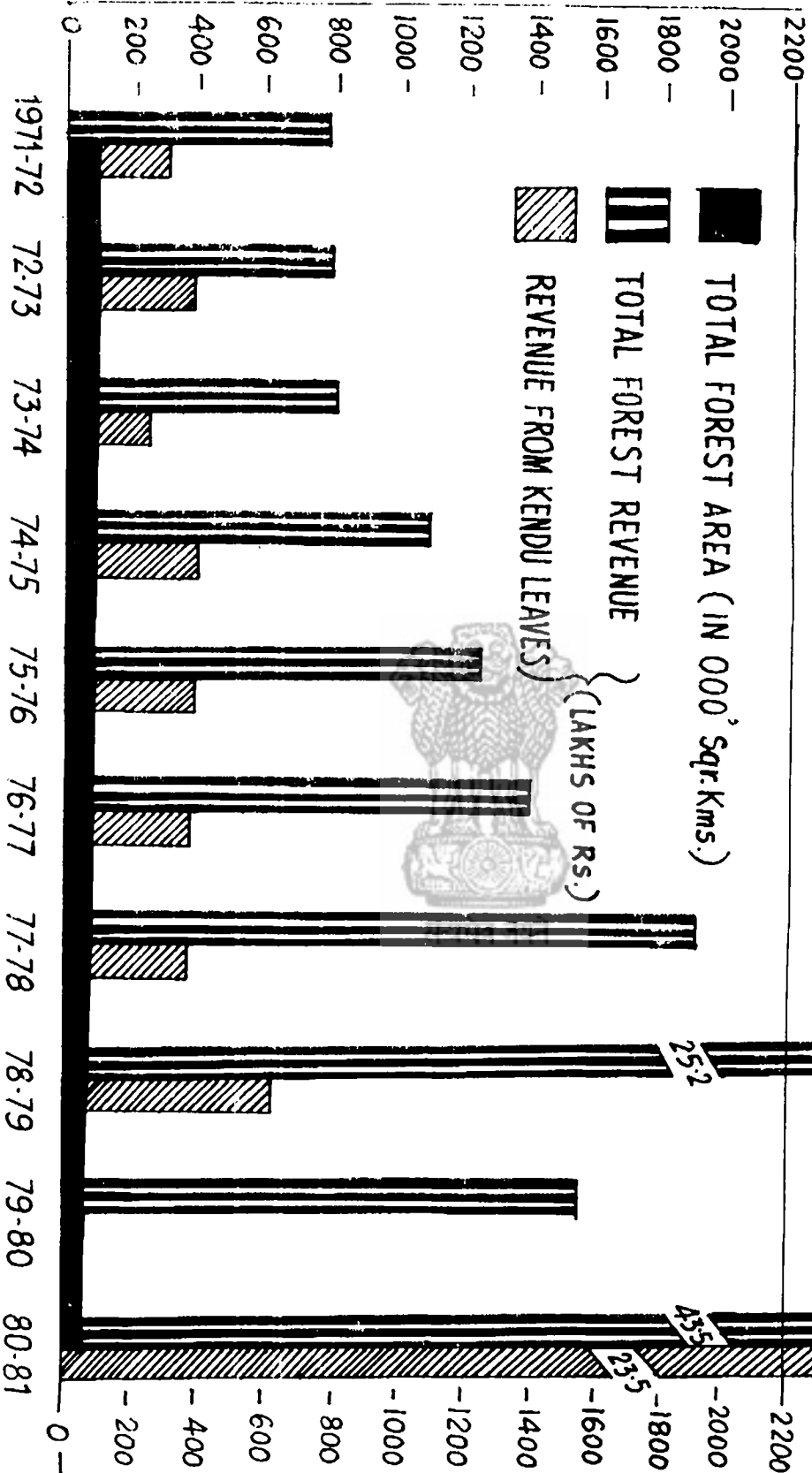
*Forest Revenues*—Forest is an important source of revenue of the State Government. A substantial amount of revenue is derived from sale of forest produces in Orissa every year. A sum of 14.3 crores of rupees was earned from 'Timber' products in the year 1980-81 as against Rs. 10.8 crores in the previous year. The revenue from fuel, another item of major produces, has gradually increased. The revenue from Kendu leaf was rupees 23.5 crores during the year 1980-81 as against Rs. 6.3 crores in the year 1978-79, recording a notable increase. Total forest revenue collected during the year 1980-81 was Rs. 43.47 crores, as against Rs. 25.21 crores in 1978-79. The forest revenue in the State has increased from Rs. 7.91 crores to Rs. 43.47 crores during last decade.

*Forest Programme*—To maximise forest revenue, to protect the interest of the tribals and to stop illegal felling of trees, the timber trade and the sal seed trade have been nationalised. Stringent measures have been taken to preserve forests. A Rs. 23 crores scheme for social forestry is being taken up with international assistance.

Considering the existence of huge forest and agricultural resources steps have been taken up to establish several agro-based and forest-based industries. A number of forest based industries like Paper Plant, Fibre Board, Chip Board and Straw Board units are at various stages of implementation.



# FOREST AREA AND FOREST REVENUE IN THE STATE OF ORISSA



## IX. FOREST

Table No. 9'01—Contd.

Classification of forest area by legal status in Orissa

Year/Forst Division	Area by legal status in Sqr. Kms.			
	Total forest area	Reserved	Protected	Unclassed
(1)	(2)	(3)	(4)	(5)
1971-72	67,729	23,932	43,784	13
1972-73	67,131	25,984	41,131	16
1973-74	67,131	25,984	41,131	16
1974-75	67,131	25,984	41,131	16
1975-76	67,131	25,984	41,131	16
1976-77	67,131	25,984	41,131	16
1977-78	67,131	25,984	41,131	16
1978-79	67,672	26,686	40,973	13
1979-80	60,224	25,064	34,950	210
1980-81	59,963	24,987	34,961	15
1979-80—				
Angul	1,481	837	643	1
Athgarh	989	531	457	1
Baliguda	2,743	908	1,835	*
Bamra	1,530	862	667	1
Baripada	2,556	1,600	878	78
Balangir	1,846	1,183	663	*
Bonai	1,612	1,173	438	1
Deogarh	1,650	930	717	3
Dhenkanal	1,860	1,141	630	89
Ghumsur North	1,051	922	128	1
Ghumsur South	1,746	529	1,217	*
Jeypore	3,124	224	2,900	*
Kalahandi	3,851	1,448	2,402	1
Khariar	2,411	..	2,411	*
Karanja	2,429	1,875	546	28
Keonjhar	2,818	1,824	994	*
Nawarangpur	2,348	100	2,248	*
Nayagarh	1,801	1,105	696	*
Parlakhemundi	4,347	425	3,922	*
Phulbani	1,975	977	977	1
Puri	1,780	512	1,267	1
Rairakhol	1,569	1,050	518	1
Rayagada	6,548	280	6,268	*
Sambalpur	1,637	1,251	386	*
Sundargarh	2,092	1,815	276	1
Boudh	1,080	1,015	64	1
Athmallik	1,158	527	630	1
W. L. C. Chandbali	172	..	172	*

\* Less than 0.5 Sq. Km.

## IX. FOREST

Table No. 9-01—*Concl'd.*

Classification of forest area by legal status in Orissa

Year/Forest Division	Area by legal status in Sq. Kms.			
	Total forest area	Reserved	Protected	Unclassed
(1)	(2)	(3)	(4)	(5)
1980-81 —				
Angul	1,481	861	619	1
Athgarh	1,057	541	515	1
Baliguda	2,764	1,022	1,742	*
Bamra	1,530	862	667	1
Baripada	1,593	769	823	1
Balangir	1,846	1,201	645	*
Bonai	1,620	1,173	446	1
Deogarh	1,647	930	717	*
Dhenkanal	1,860	1,141	719	*
Ghumsur North	919	912	6	1
Ghumsur South	1,746	529	1,217	*
Jeypore	3,099	215	2,884	*
Kalahandi	3,850	1,448	2,401	1
Khariar	2,411	..	2,411	*
Karanja	734	379	355	*
Keonjhar	2,816	1,822	994	*
Nawrangpur	2,564	144	2,420	*
Nayagarh	1,801	1,105	696	*
Parlakhemundi	43,471	425	3,922	*
Phulbani	1,975	997	977	1
Puri	1,540	511	1,027	2
Rairakhol	1,528	1,048	479	1
Rayagada	65,561	339	6,217	*
Sambalpur	1,637	1,251	386	*
Sundargarh	1,915	1,492	422	1
Boudh	1,117	1,615	101	1
Atthmallik	1,158	527	630	1
W. L. C. Chandbali	172	..	172	*
S. F. D. C.	2,680	2,328	351	1

\* Less than 0.5 Sq. Kms.

SOURCE—Chief Conservator of Forest, Orissa

## IX. FOREST

Table No. 9-02

Outturn of forest produce in Orissa

Year/Forest Division	Major produces			Minor produces		
	Timber in 000' cubic metres	Fuel in 000' cubic metres	Total (Cols-2+3)	Bamboos and canes in 000' Nos.	Drugs in quintals	Lac in quintals
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971-72	434	653	1,087	84,943	4,09,128	446
1972-73	356	560	916	68,534	5,96,307	87,976
1973-74	393	656	1,049	79,632	5,94,453	2,463
1974-75	349	554	903	92,770	7,56,011	987
1975-76	367	598	965	1,08,854	6,63,702	6,198
1976-77	407	608	1,015	79,884	5,66,946	268
1977-78	403	657	1,060	1,16,087	5,27,291	..
1978-79	453	679	1,132	1,23,732	6,20,926	1,201
1979-80	469	677	1,146	99,275	2,20,907	1,248
1980-81	427	626	1,053	1,25,434	3,41,017	323
1979-80 —						
Angul	21	25	46	7,365	4,972	..
Athagarh	6	17	23	3,815	..	..
Baliguda	7	9	16	..	74	1
Bamra	30	26	56	5,916	25,424	5
Baripada	8	25	33	..	6,265	..
Balangir	14	17	31	4,373	86,191	..
Bonai	12	16	28	4,168	4,617	1,201
Deogarh	27	18	45	..	6,734	..
Dhenkanal	20	83	103	486	4,220	..
Ghumsur North	4	13	17	7,462	65	..
Ghumsur South	3	11	14	7	..	..
Jaypore	33	21	54	4,539	2,659	..
Kalahandi	13	18	31	12,386	5,987	..
Khariar	15	16	31	2,082	12,268	15
Karanjia	23	16	39	..	1,361	..
Kconjhar	27	64	91	..	3,860	20
Nawarangpur	13	16	29	..	31,069	..
Nayagarh	16	16	32	6,104	—	..
Parlakhemundi	6	14	20	7,563	8,753	—
Phulbani	8	15	23	9,321	7,083	..
Puri	11	31	42	432	..	..
Rairakhol	24	18	42	..	15	—
Rayagada	23	37	60	8,025	132	—
Sambalpur	13	17	30	8,916	4	..
Sundargarh	8	12	20	2,414	1,121	6
Baudh	17	16	33	1,157	7,934	..
Athmallik	9	10	19	2,744	107	..
Rengali dam	58	80	138	..	..	..
F. U., Cuttack	..	..	..	..	2	..

## IX FOREST

Table No. 9-02—Contd.

Outturn of forest produce in Orissa

Year/Forest Division	Major produces			Minor produces		
	Timber in 000' cubic metres	Fuel in 000' cubic metres	Total (Cols. 2+3)	Bamboos and canes in 000' Nos.	Drugs in quintals	Lac in quintals
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1980-81—						
Angul	20	19	39	2,769	12,661	..
Athagarh	5	23	28	1,384	..	..
Baliguda	7	12	19	21,534	994	..
Bamra	30	21	51	6,630	1,280	19
Baripada	6	10	16	..	11,346	..
Balangir	4	11	15	4,067	95,740	..
Bonai	23	21	44	3,417	5,091	213
Deogarh	36	26	62	3,964	.. 4,500	..
Dhenkanal	9	56	65	1,166	9,237	..
Ghumsur North	5	8	13	5,640	13	..
Ghumsur South	5	8	13	20,798	.. 49	..
Jaypore	38	23	61	4,753	26,021	..
Kalahandi	37	23	60	11,058	.. 11,184	12
Khariar	2	13	15	1,438	44,127	..
Karanjia	3	6	9	..	3,308	..
Keonjhar	25	59	84	..	986	58
Nawarangpur	28	24	52	3	7,788	—
Nayagarh	15	20	35	3,317	..	—
Parlakhemundi	3	7	10	7,485	11,444	..
Phulbani	8	13	21	1,924	4,878	1
Puri	8	35	43	791	..	..
Rairakhol	13	18	31	..	2,138	..
Rayagada	4	23	27	8,925	36,017	..
Sambalpur	5	9	14	7,799	617	20
Sundargarh	15	28	43	2,716	43,298	—
Boudh	9	15	24	3,231	3,188	..
Athmallik	12	15	27	625	4,149	..
Rengali dam	28	64	92	..	—	—
F. U., Cuttack	..	..	..	..	..	..
S. F. D. C.	24	16	40	..	963	..

## IX. FOREST

Table No. 9.02—Contd.

Outturn of forest produce in Orissa

Forest Year/Division	Minor Produce							
	Tanstuff and dye- stuff in quintals	Vegetable oil and oil-seeds in quintals	Gum and resin in quintals	Fibre and flosses in quintals	Fodder and other grazing grass in Rs.	Minor mineral in '000' cubic metres	Ivory in quintals	Honey and wax in quintals
(1)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1971-72 ..	37,163	2,42,035	6,345	62,518	1,22,542	984	1.24	137.84
1972-73 ..	45,158	1,28,976	20,621	20,672	99,542	216	..	111.97
1973-74 ..	18,507	3,77,512	1,82,655	42,273	1,07,578	682	0.43	31.00
1974-75 ..	6,434	4,34,034	966	3,664	1,15,252	40,771	..	21.00
1975-76 ..	5,208	6,94,795	2,736	16,502	1,16,132	1,003	..	25.00
1976-77 ..	18,664	8,97,158	2,354	5,703	1,27,922	731	0.46	33.00
1977-78 ..	10,130	6,70,292	13,729	13,124	1,29,023	625	1.59	60.00
1978-79 ..	15,633	62,500	7,748	15,533	1,36,450	854	0.53	64.31
1979-80 ..	30,088	2,87,612	9,507	5,150	35,164	674	..	20.30
1980-81 ..	25,452	5,23,42,031	5,151	2,308	57,721	323	..	13.82
1980-81—								
Angul ..	..	80	..	..	..	..	..	..
Athagarh ..	..	..	..	..	2,185	7	..	..
Baliguda ..	2	8	15	1	..	..	..	0.33
Bamra ..	..	2,246	20	..	..	51	..	..
Baripada ..	1,497	7,606	7	241	..	149	..	..
Balangir ..	4,726	23,746	206	444	4,728	2	..	..
Bonai ..	..	2,060	360	92	..	56	..	..
Deogarh ..	..	1,718	108	..	..	..	..	..
Dhenkanal ..	..	28,280	..	..	..	15	..	..
Ghumsur North ..	..	6,473	..	10	2,702	5	..	3.00
Ghumsur South ..	9	32	..	21	..	..	..	..
Jeypore ..	508	18,787	517	..	..	21	..	..
Kalahandi ..	557	9,352	128	611	6,265	72	..	..
Khariar ..	8,331	3,232	2,769	39	2,578	..	..	..
Karanjia ..	..	2,409	789	..	6,957	15	..	..
Keonjhar ..	932	3,561	429	..	1,871	83	..	..
Nawarangpur ..	9,479	1,47,209	29	1,100	..	101	..	..
Nayagarh ..	4	13	..	..	3,914	..	..	..
Parlakhemundi ..	1,048	9,182	..	2,180	3,325	6	..	..
Phulbani ..	49	322	1	1	..	2	..	0.34
Puri ..	..	2,593	..	130	639	..	..	..
Rairakhol ..	..	..	..	..	..	12	..	..
Rayagada ..	1,588	3,528	38	29	..	..	..	..
Sambalpur ..	..	113	6	75	..	..	..	..
Sundargarh ..	887	15,062	4,061	..	..	74	..	..
Boudh ..	313	..	..	176	..	3	..	..
Athmallik ..	158	..	..	..	..	..	..	..
Rengalidam ..	..	..	..	..	..	..	..	..
F. U., Cuttack ..	..	..	24	..	..	..	..	16.63

## IX. FOREST

Table No. 9-02—*Concl'd.*

Outturn of forest produce in Orissa

Forest Year/Division	Minor produce							
	Tanstuff and dye- stuff in quintals	Vegetable oil and oil-seeds in quintals	Gum and resin in quintals	Fibre and flosses in quintals	Fodder and other grazing grass in Rs.	Minor mineral in '000' cubic metres	Ivory in quintals	Honey and wax in quintals
(1)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1980-81								
Angul ..	..	..	..	..	..	..	..	..
Athagarh ..	..	..	..	..	—	3	..	..
Baliguda ..	..	14,630	20	1,180	..	..	..	..
Bamra —	..	4,54,03,020	592	..	..	..	..	..
Baripada ..	..	10,326	..	587	..	61	..	..
Balangir ..	3,655	32,599	702	..	3,726	4	—	—
Bonai ..	242	7,729	338	88	..	32	..	..
Deogarh ..	..	15,000	70	..	..	53	..	..
Dhenkanal ..	22	246	..	2	..	7	..	..
Ghumsur North	..	..	..	..	2,187	1	..	0.50
Ghumusur South	..	401	..	..	..	..	..	..
Jeypore ..	515	37,539	784	..	..	1	..	0.50
Kalahandi ..	228	23,117	45	..	3,330	61	..	..
Khariar ..	6,565	9,425	958	..	32,358	75	..	..
Karanja ..	..	90,370	274	..	7,734	8	..	..
Keonjhar ..	6,523	1,09,080	107	..	..	..	..	..
Nawarangpur	..	1,74,825	..	..	..	..	..	..
Nayagarh ..	..	..	..	..	..	..	..	..
Parlakhemundi	5,062	2,258	..	95	6,660	5	..	..
Phulbani ..	68	3,433	13	..	..	1	..	..
Puri ..	..	5,245	..	150	..	..	..	..
Rajnakhil ..	..	18,270	..	..	..	9	..	..
Rayagada ..	1,099	3,367	89	149	..	..	..	..
Sambalpur ..	90	119	8	..	..	..	..	..
Sundargarh ..	1,089	17,699	999	2	..	..	..	..
Boudh ..	147	75,74	139	55	..	2	..	..
Athmailik ..	..	63,55,450	..	..	1,489	..	..	..
Rengali dam	..	..	..	..	..	..	..	..
F. U., Cuttack	..	..	..	..	—	..	..	..
S. F. D. C. ..	147	309	13	..	..	..	..	12.82
W.L.C., Chandbali	..	..	..	..	237	..	..	..

SOURCE—Chief Conservator of Forest, Orissa

## IX. FOREST

Table No. 903

Forest Revenue in Orissa

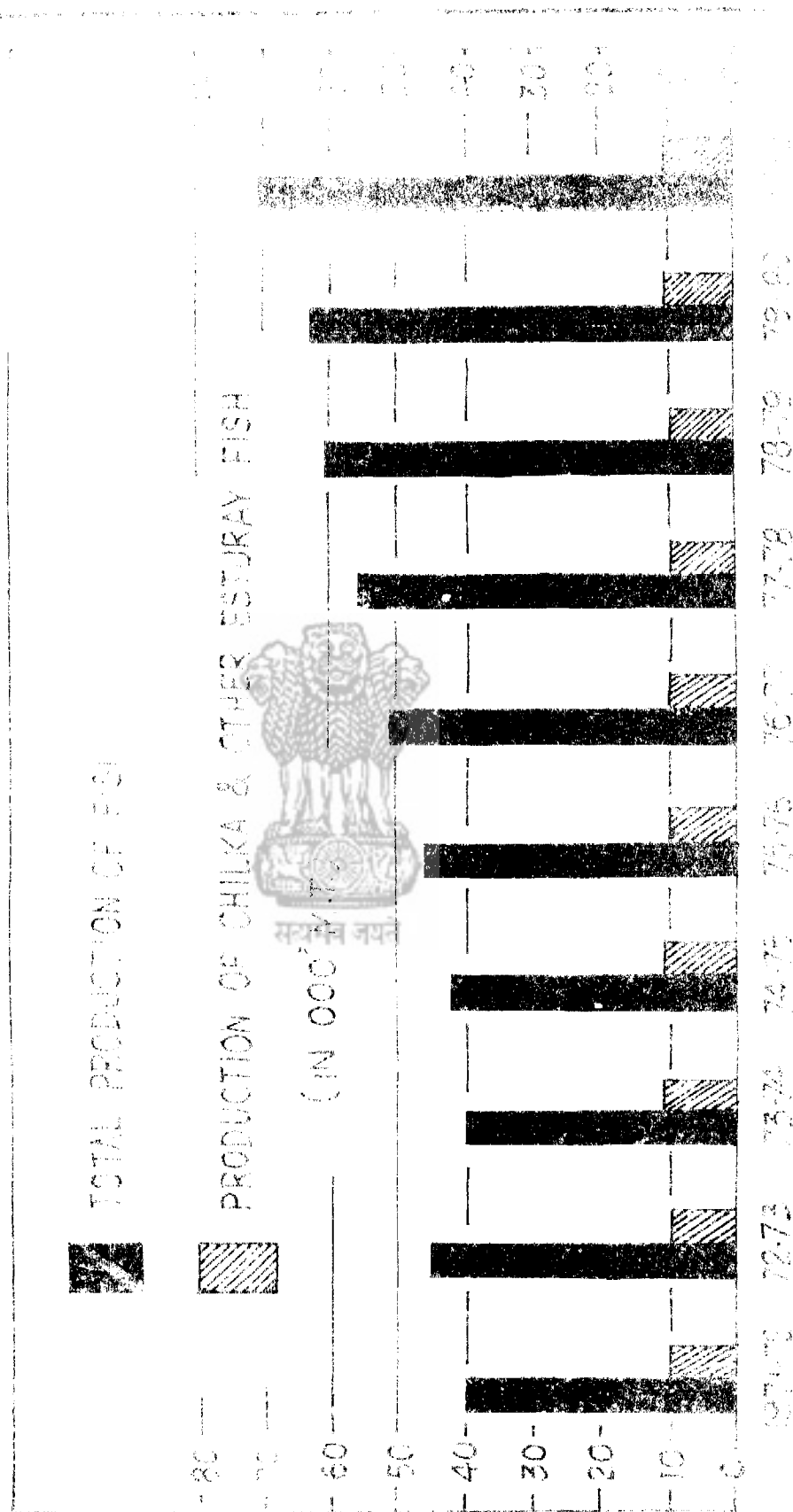
( In '000' Rs. )

Year		Major Produce		Minor Produce			Total revenue collected
		Timber	Firewood	Bamboos	Kendu-leaves	Other minor produce	
(1)		(2)	(3)	(4)	(5)	(6)	(7)
1971-72	..	29,736	4,241	5,554	31,351	8,249	79,131
1972-73	..	32,720	5,163	5,647	28,258	7,877	79,665
1973-74	..	32,736	5,032	10,756	25,141	8,756	82,421
1974-75	—	37,467	7,961	13,250	38,897	13,027	1,10,602
1975-76	..	45,347	7,403	10,084	38,481	20,956	1,24,271
1976-77	..	63,837	13,677	12,725	37,092	13,458	1,40,789
1977-78	..	97,733	21,876	15,273	37,668	18,853	1,31,403
1978-79	..	1,22,263	30,804	17,533	62,640	18,827	2,52,067
1979-80	..	1,08,223	14,626	19,328	N. A.	11,928	1,54,105
1980-81	..	1,43,356	15,489	26,271	2,35,174	14,367	4,34,657

SOURCE— C. C. F., Orissa, Cuttack and O. F. C. Ltd., BBSR.



# PRODUCTION OF FISH IN THE STATE OF ORISSA



## X. FISHERIES

This Chapter presents data regarding the quantity of fish produced in Orissa annually from 1971-72 to 1980-81, fishing crafts and fishing gears in use in Orissa as collected through quinquennial live-stock census conducted during the years 1966, 1972 and 1977. The district-wise break-up of such information for the last two years has also been presented.

*Production of fish*—Pisciculture is a productive scheme in the economy of the State and Government is encouraging the people to adopt it by providing necessary facility. In the coastal districts of Balasore, Cuttack, Puri and Ganjam a large number of people are engaged in catching fish from sea and Chilika lake whereas in other districts people adopt pisciculture to earn their livelihood. The fish production in Orissa has steadily increased from year to year and it was '71' thousand metric tonnes during the year 1980-81 as against '63' thousand Metric tonnes during the previous year and '40' thousand Metric tonnes during the year 1971-72. Thus the annual average increase in fish-production was '5' thousand tones during the last decade and the increase of production during the year 1980-81 was 13 per cent over that during the previous year.

Among the district, Cuttack district, has produced the highest quantities of departmental marine fish with 31.4 M. T. during the year 1980-81 followed by Balasore district with 26.0 M. T. As regards production of departmental Inland fish, Puri district produced highest quantity of 2.6 M. T. followed by Ganjam district with 2.4 M. T. during the year 1980-81. If production of Inland and Marine fish is taken into consideration Ganjam district secured third position with production 11.4 M. T. Cuttack being in first and Balasore in second position. The production of fish in Phulbani district during the year 1980-81 was lowest with 0.2 M. T. only.

*Fishing Crafts and gears in use*—Fishing crafts and nets of various types are absolutely necessary for catching fish. Numbers of crafts and nets in use have been collected during the period of quinquennial live-stock census. During the year 1972 the total fishing crafts were '20' thousands, which have increased to '22' thousands in the year 1977 recording 9 per cent increase. The mechanised fishing crafts were very negligible in comparison with the non-mechanised, fishing crafts. The fishing crafts both mechanised and non-mechanised were highest in 'Puri' district with '18' thousands during the year 1977 constituting 83 per cent of the total number of crafts used in the State. The number in use in Sundergarh district was lowest with only 53 non-mechanised fishing crafts. There was no fishing crafts at all in use in Balasore, Balangir, Dhenkanal and Phulbani districts during the year 1977. Fishing gears of all types in use were '3' lakhs during the year 1966 in the state and these have decreased to 1.5 lakhs during the year 1977. Numbers of fishing gears in use were highest in Balasore district with '53' thousands and was lowest in 'Dhenkanal' district with 433 only during the year 1977.

*Fishing Development Programmes*—Development of Marine fishery in the State began in 1957, with 3 small mechanised boats. No private entrepreneurs could even then think of investing on this capital intensive industry. The mechanised fishing was the venture of the Fishery Department of the Government of Orissa up to 1967. After 1967 the marine fishing industry grew by leap and bound due to heavy demand for shrimp in the over seas market. The number of mechanised boats has been increased to a great extent. infrastructural facilities and ancillary industries, such as freezing plants, Ice Plants, Boat buildings yards etc. have been set up. Orissa's fishing community to-day on does not include only the traditional Fishermen. People from all life including educated youth have jumped into the fray. The only lure is the prawn which earn the nation's foreign exchange worth Rs. 16 crores a year.

Orissa Maritime and Chilika Area Development Authority is Planning Marine Fishing by chartering trawlers. The traditional entrepreneurs who are willing to invest on marine fishing and the small fishermen who want to purchase nets and boats for traditional fishing are given necessary financial assistance by the Fishery Department. To help the poorest among the poor fishermen whose family income is below Rs. for 1,200 a year, the State gives an upright grant of Rs. 13 thousands to a group of 5 fishermen to buy boats and nets under E. R. R. P. and I. R. D. P. For quick movement of fish caught, Government has constructed approach roads in fishing villages. A fishing Jetty has been constructed at Chandipur and another one is under construction in Chudamani. A Jetty at Kasaphal is also being planned. A fishing harbour is ready at Dhamara. The fishermen are trained in modern fishing technology in Chandipur.

Besides fisheries in Sea, Government renders financial assistance for fishing in rivers estuaries and reservoirs. 12,361 fishermen have been given subsidy worth of Rs. 29.24 lakhs under I. R. D. Programme. Boats and nets worth Rs. 13 lakhs have been supplied to 700 poorest of the poor fishermen for fishing under the E. R. R. P. Programme. Fish Farmers Development Agencies with Joint Sponsorship of the Centre and World Bank assistance have been introduced in seven districts and with the joint assistance of the Centre and State Governments FFDHs are functioning in two districts. Such agencies arrange lease of G. P. tanks to individuals for ten years, prepare schemes for scientific pisciculture on behalf of the beneficiaries, arrange loans through Institutional Finance and release subsidies against bank loans.

The subsidy rate is 25 per cent on a bank loan of Rs. 10,000 per hectare of pond renovation and Rs. 2,000 for inputs. The small and marginal farmers get subsidies to the extent of 33.3 per cent on invested capital. Scheduled Tribe beneficiaries and fishermen co-operatives get as much as 50 per cent on their loans. To supply quality fish seeds, carps are artificially breed and the spawn obtained by this process as well as those from the rivers are reared into fry and fingerlings. The department has 94 farms with 91 hectares of nurseries. A Fish Seed Development Corporation has been set up with World Bank assistance.

## X. FISHERY

Table No. 10-01

Sourcewise Production of fish in Orissa

( Figures in M. Tonnes )

Year/Districts	Departmental			Private Sources		
	Inland	Marine	Total	Chilika and other estuaries	Others (Inland <sup>1</sup> Marine)	Grand total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971-72 ..	35.0	11,76.0	1,211.0	10,000.0	28,789.0	40,000.0
1972-73 ..	32.0	12,66.0	1,298.0	10,000.0	33,702.0	45,000.0
1973-74 —	20.0	13,32.0	1,352.0	11,000.0	27,648.0	40,000.0
1974-75 ..	25.0	639.0	664.0	11,000.0	30,336.0	42,000.0
1975-76 ..	26.0	1,484.0	1,510.0	10,000.0	34,490.0	46,000.0
1976-77 ..	32.0	709.0	741.0	10,000.0	41,259.0	52,000.0
1977-78 ..	27.0	92.0	119.0	10,000.0	45,881.0	56,000.0
1978-79 ..	27.0	171.0	198.0	10,000.0	50,802.0	61,000.0
1979-80 ..	19.0	82.0	101.0	10,500.0	52,399.0	63,000.0
1980-81 ..	14.0	66.0	80.0	10,500.0	60,650.0	71,230.0
1979-80						
Balasore ..	1.0	21.0	22.0	1,400.0	10,128.0	11,550.0
Balangir ..	1.0	..	1.0	..	1,299.0	1,300.0
Cuttack ..	1.0	48.0	49.0	2,080.0	14,376.0	16,505.0
Dhenkanal ..	1.0	..	1.0	..	1,134.0	1,135.0
Ganjam ..	2.0	1.0	3.0	2,510.0	8,747.0	11,260.0
Kalahandi ..	1.0	..	1.0	..	1,139.0	1,140.0
Keonjhar ..	1.0	..	1.0	..	404.0	405.0
Koraput ..	1.0	..	1.0	..	1,339.0	1,340.0
Mayurbhanj ..	1.0	..	1.0	..	1,709.0	1,710.0
Phulbani ..	1.0	..	1.0	..	574.0	575.0
Puri ..	5.0	12.0	17.0	4,510.0	7,283.0	11,810.0
Sambalpur ..	3.0	..	3.0	..	3,517.0	3,520.0
Sundargarh ..	..	..	..	..	750.0	750.0
1980-81						
Balasore ..	1.0	26.0	27.0	1,300.0	12,038.0	13,365.0
Balangir ..	1.1	..	1.1	..	1,387.0	1,388.1
Cuttack ..	0.4	31.0	31.4	2,100.0	17,092.0	19,223.4
Dhenkanal ..	0.6	..	0.6	..	1,211.0	1,211.6
Ganjam ..	2.4	9.0	11.4	2,600.0	10,044.0	12,655.4
Kalahandi ..	0.6	..	0.6	..	1,233.0	1,233.6
Keonjhar ..	0.3	..	0.3	..	440.0	440.3
Koraput ..	1.4	..	1.4	..	1,453.0	1,454.4
Mayurbhanj ..	1.3	..	1.3	..	1,827.0	1,828.3
Phulbani ..	0.2	..	0.2	..	616.0	616.2
Puri ..	2.6	..	2.6	4,500.0	8,707.0	13,209.6
Sambalpur ..	1.6	..	1.6	..	3,787.0	3,788.6
Sundargarh ..	0.5	..	0.5	..	815.0	815.5

SOURCE—Directorate of Fisheries, Orissa, Cuttack

## X. FISHERIES

**Table No. 10·02**

**Number of Fishing Crafts and Gears in Orissa**

Period and District		Fishing Crafts			Fishing Gears		
		Mechanised	Non-Mechanised	Total	Drugnets	Gril nets	Trawl nets
(1)		(2)	(3)	(4)	(5)	(6)	(7)
1972	..	218	19,493	19,711	62,204	68,367	38,648
1977	..	266	21,244	21,510	25,324	19,064	22,215
<u>1977</u>							
Balasore	..	..	..	..	3,131	1,392	15,869
Balangir	..	..	..	..	809	212	135
Cuttack	..	..	795	795	9,998	9,685	1,835
Dhenkanal	..	..	..	..	305	10	..
Ganjam	..	26	1,895	1,921	2,272	825	868
Kalahandi	..	..	189	189	251	21	652
Keonjhar	..	4	95	99	630	52	69
Koraput	..	..	316	316	1,775	1,857	31
Mayurbhanj	..	80	..	80	357	453	347
Phulbani	..	..	..	..	1,082	590	..
Puri	..	151	17,600	17,751	3,283	3,299	346
Sambalpur	..	5	301	306	1,176	373	1,716
Sundargarh	..	..	53	53	255	295	344

## X. FISHERIES

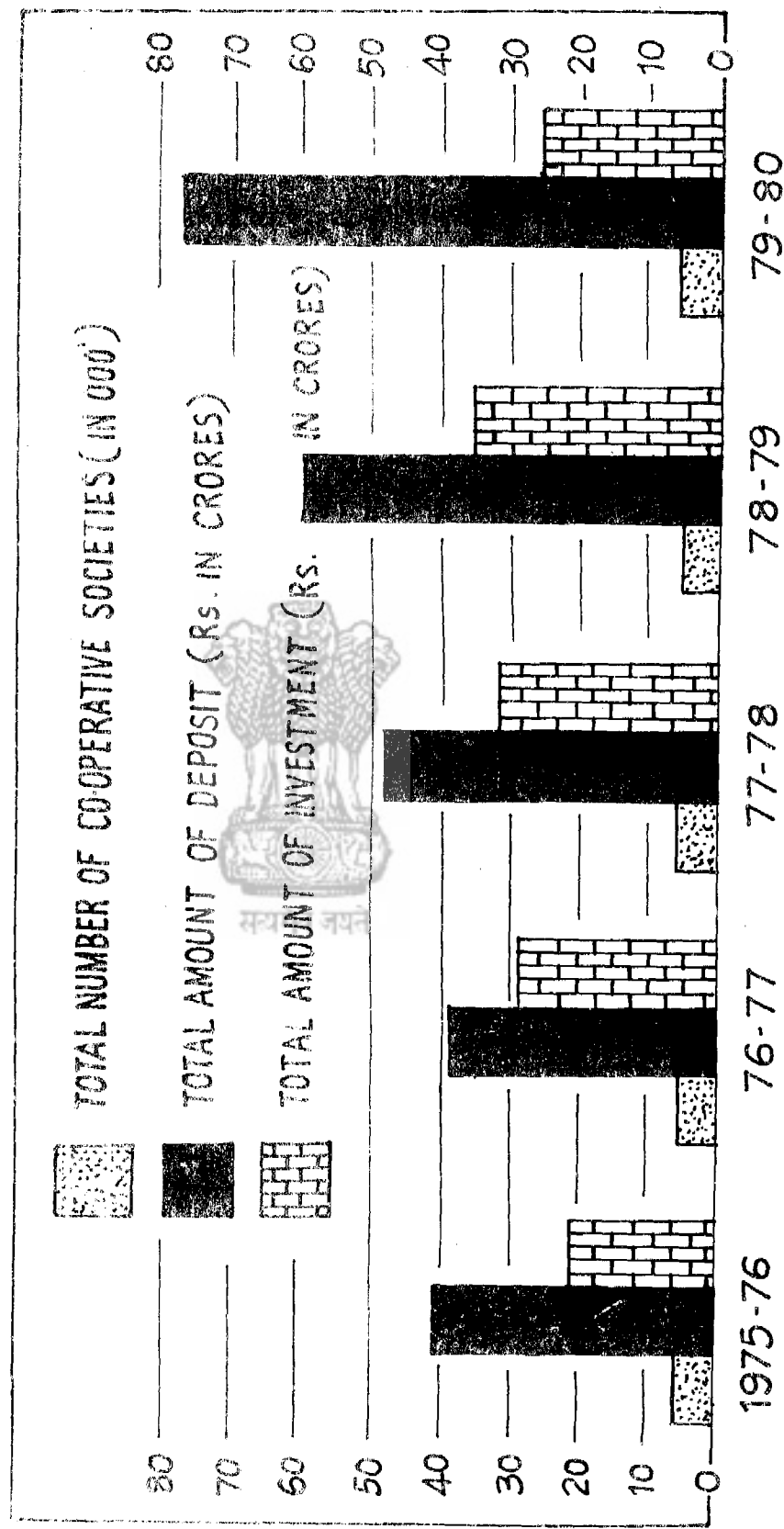
Table No. 10·02

Number of Fishing Crafts and Gears in Orissa

Period and District		Fishing Gears				Total
		Cast nets	Shore seines	Spawn collecting nets	Others	
(1)		(8)	(9)	(10)	(11)	(12)
1972	..	91,949	13,768	7,388	1,39,353	4,21,677
1977	..	49,874	533	889	30,674	1,43,573
<u>1977</u>						
Balasore	..	19,184	476	..	12,829	52,881
Balangir	..	346	..	6	2	1,510
Cuttack	..	19,525	..	42	7,414	48,499
Dhenkanal	..	118	..	..	..	433
Ganjam	..	1,454	57	61	619	6,156
Kalahandi	..	1,186	..	69	3,709	5,888
Keonjhar	..	409	..	..	..	1,160
Koraput	..	370	..	30	1,076	5,139
Mayurbhanj	..	3,777	..	508	4,766	10,208
Phulbani	..	..	..	..	..	1,672
Puri	..	1,036	..	173	..	8,140
Sambalpur	..	1,467	..	..	259	4,991
Sundargarh	..	1,002	..	..	..	1,896

SOURCE—Livestock Census Report, 1972 and 1977

# NUMBER OF CO-OPERATIVE SOCIETIES AND AMOUNT OF DEPOSITS & INVESTMENT IN THE STATE OF ORISSA



## XI. CO-OPERATION

Co-operative Societies play a vital role in the Economic development of the country. These were originally set-up to supply credit-facilities for development of Agriculture. At present the activities of Co-operative Societies are extended towards farming, marketing, housing, irrigation, industries and consumers.

This chapter presents data on number, membership and financial positions of Central Co-operative Banks, State Co-operative Institutions, Agricultural Co-operative Societies, Non-Agricultural Co-operative Societies, Weavers and Industrial Co-operative Societies in Orissa, from the year 1975-76 to 1979-80, with District-wise break-up for last two year. There were 5,668 Co-operative Societies of all types (excluding Weavers and Industrial Co-operative Societies) having 33 Lakhs members and Rs. 502 crores of working capital during the year 1979-80 as against 5,805 Co-operative societies having 31 lakhs of members and Rs. 479 crores of working capital during the year 1978-79. Though the number of societies have decreased the members and working capital have increased by about 6 per cent and 5 per cent respectively, during the year 1979-80.

The number of societies was highest in Cuttack district (1,347 Nos.) followed by Puri district (1,043 Nos.) and was lowest in Phulbani district (97 Nos.) during the year 1979-80. The amount of loans advance by the Co-operative Societies was Rs. 251 crores during the year 1979-80 as against Rs 169 crores in the previous year.

There were 17 Central Co-operative Banks functioning in the State, during the year 1979-80, comprising 3 in Puri district, 2 each in Cuttack and Ganjam district and one each in all other 10 districts, having a total working capital of 124 crores of rupees. Total loans advanced by these C. C. Banks was Rs. 86 crores.

The Agricultural Co-operative Societies were maximum in number, among the different categories of societies. Total number of these societies was 3,771 accounting for 67 per cent of the total number of Co-operative Societies in the State with Rs. 247 crores of working capital during the year 1979-80, as against 4,008 Societies with Rs. 213 crores of working capital during the year 1978-79. There were 825 Agricultural Societies in Cuttack district and 668 Societies in Puri district, where as Sundargarh district has only 61 Societies during the year 1979-80. Agricultural Credit Societies had advanced loans to their members, amounting to Rs. 73 crores during the 1979-80.

The number of Non-Agricultural Co-operative Societies in the State was 1,872 having Rs. 18 crores of working capital during the year 1979-80, as against 1,772 having working capital of Rs. 29 crores in the year 1978-79, which constitutes 33 per cent of total societies in the State (excluding Weavers and Industrial Co-operative Societies). The number of societies was highest in Cuttack district with 519 numbers and was lowest in Phulbani district with 15 numbers only during the year 1979-80.

Among the Weavers Co-operative Societies, 3 Appex Societies, 2 Co-operative Spinning Mills and 467 Primary Weavers Co-operative Societies, with total working capital of Rs. 24 crores were functioning in the State during 1979-80. Industrial Co-operative Societies, mainly constitute Salt Manufacturing Societies, Coir product Co-operative Societies, Village and P. S. Industrial Co-operative Societies. There were one Appex Society and 2,134 Primary Industrial Co-operative Societies in the State with 65 thousand members and Rs. 8 crores of working Capital during the year 1979-80.

## X I. CO-OPERATION

Table No. 11-01

Number, Membership and Financial Position of all types of Co-operative Societies in Orissa

Year/District	Number of Societies	Number of members (000' Nos.)	Total working capital ('000 Rs. )
(1)	(2)	(3)	(4)
1975-76 ..	5,715	2,813	27,14,437
1976-77 ..	5,832	3,023	34,39,723
1977-78 ..	5,788	3,064	38,62,659
1978-79 ..	5,805	3,138	47,91,128
1979-80 ..	5,668	3,264	50,20,948
1978-79			
Balasore ..	440	247	2,20,678
Balangir ..	320	221	1,85,771
Cuttack ..	1,353	502	4,52,075
Dhenkanal ..	376	201	2,28,439
Ganjam ..	827	414	5,58,952
Kalahandi ..	216	172	1,62,891
Keonjhar ..	157	140	1,08,511
Koraput ..	276	259	2,01,301
Mayurbhanj ..	124	177	1,73,313
Phulbani ..	96	76	93,653
Puri ..	1,049	352	18,98,778
Sambalpur ..	340	270	3,95,096
Sundargarh ..	231	107	1,11,670
1979-80			
Balasore ..	434	281	2,94,779
Balangir ..	309	238	2,45,974
Cuttack ..	1,347	490	5,32,217
Dhenkanal ..	373	173	2,85,720
Ganjam ..	799	379	4,90,744
Kalahandi ..	232	146	2,24,657
Keonjhar ..	171	152	1,35,580
Koraput ..	183	204	2,45,010
Mayurbhanj ..	127	213	2,60,350
Phulbani ..	97	114	1,31,594
Puri ..	1,043	430	15,99,979
Sambalpur ..	333	322	4,26,270
Sundargarh ..	220	122	1,48,074



## XI. CO-OPERATION

Table No. 11-01—Contd.

Number, Membership and Financial Position of All types of Co-operative Societies in Orissa  
Amount of (000 Rs.)

Year/District	Liabilities			
	Share Capital	Contribution of Government to share capital	Deposits	Total Borrowing
(1)	(5)	(6)	(7)	(8)
1975-76 ..	3,37,395	74	4,11,630	11,68,639
1976-77 ..	4,02,659	79	3,89,841	15,89,528
1977-78 ..	4,59,567	102	4,79,098	18,45,061
1978-79 ..	5,31,431	252	5,97,326	22,51,124
1979-80 ..	5,74,325	1,82,793	7,75,201	25,32,007
1978-79				
Balasore ..	26,784	85	20,215	1,17,63
Balangir ..	20,523	—	12,141	53,520
Cuttack ..	59,161	..	41,341	1,90,199
Dhenkanal ..	24,872	17	22,580	1,20,118
Ganjam ..	6,6,219	..	76,063	2,46,302
Kalahandi ..	17,658	..	18,213	82,981
Keonjhar ..	13,415	..	10,778	43,450
Koraput ..	23,545	..	13,753	80,191
Mayurbhanj ..	19,731	10	30,449	62,242
Phulbani ..	14,074	..	12,428	40,207
Puri ..	1,58,534	..	2,85,985	9,96,012
Sambalpur ..	69,634	140	37,733	1,74,939
Sundargarh ..	1,7,281	..	15,647	43,295
1979-80				
Balasore ..	32,205	10,433	20,414	1,78,107
Balangir ..	24,675	5,737	14,970	2,12,939
Cuttack ..	80,107	26,090	53,759	2,68,003
Dhenkanal ..	30,566	6,916	30,507	1,65,417
Ganjam ..	64,994	17,982	1,04,723	2,59,456
Kalahandi ..	23,726	3,269	22,505	1,31,191
Keonjhar ..	16,270	3,641	13,176	74,980
Koraput ..	30,255	9,801	23,019	1,11,182
Mayurbhanj ..	24,585	7,355	34,534	1,01,300
Phulbani ..	17,035	6,233	15,365	69,144
Puri ..	126,840	38,430	3,65,896	7,46,141
Sambalpur ..	77,218	42,212	52,530	2,35,638
Sundargarh ..	25,848	4,694	25,803	68,569

## XI. CO-OPERATION

Table No. 11-01—*contd.*

Number, Membership and Financial Position of all types of Co-operative Societies in Orissa

Amount of ('000 Rs.)

Year District	Liabilities		Assets	
	Reserve and other funds	Other liabilities	Cash in hand and balance with Bank	Investment
(i)	(9)	(10)	(11)	(12)
1975-76 ..	99,445	7,23,176	1,16,076	2,17,354
1976-77 ..	1,37,048	8,21,690	1,43,802	2,92,808
1977-78 ..	1,66,842	8,75,344	2,23,658	3,17,699
1978-79 ..	1,81,162	11,08,238	2,37,173	3,53,453
1979-80 ..	1,83,964	10,69,574	3,15,017	2,46,349
1978-79				
Balasore ..	5,793	41,126	17,808	8,937
Balangir ..	10,504	81,700	10,762	6,178
Cuttack ..	11,749	1,46,523	11,420	25,171
Dhenkanal ..	15,050	45,236	9,191	15,322
Ganjam ..	28,952	1,34,036	34,093	30,203
Kalahandi ..	7,411	27,468	11,819	7,417
Keonjhar ..	2,978	24,730	8,866	4,517
Koraput ..	4,898	73,820	15,997	7,934
Mayurbhanj ..	5,507	50,545	17,713	6,537
Phulbani ..	2,481	22,064	9,527	2,598
Puri ..	68,119	3,03,214	63,071	2,22,414
Sambalpur ..	15,609	1,22,932	16,438	13,487
Sundargarh ..	2,111	34,844	12,468	2,738
1979-80				
Balasore ..	6,325	48,058	16,373	11,598
Balangir ..	12,633	66,852	15,922	8,316
Cuttack ..	13,694	1,47,569	19,596	31,333
Dhenkanal ..	14,380	44,766	14,583	17,252
Ganjam ..	30,537	81,643	57,600	28,962
Kalahandi ..	8,884	32,075	13,248	10,232
Keonjhar ..	4,901	24,779	9,634	5,995
Koraput ..	4,259	79,629	21,862	8,096
Mayurbhanj ..	5,844	88,024	20,154	8,427
Phulbani ..	2,905	26,249	12,365	3,322
Puri ..	62,635	2,76,268	68,358	92,542
Sambalpur ..	15,653	1,19,408	27,205	15,651
Sundargarh ..	1,314	34,254	18,117	4,623

## XI. CO-OPERATION

Table No. 11'01—Concl'd.

Number, Membership and Financial Position of all types of Co-operative Societies in Orissa  
( Amount of '000 Rs. )

Year/District		Assets				Profit (+) Loss (—)
		Loans Outstanding	Other Assets	Loans Advanced	Loans Recovered	
(1)		(13)	(14)	(15)	(16)	(17)
1975-76	...	13,30,111	10,50,896	8,24,542	2,06,661	(+) 25,093
1976-77	..	17,82,617	12,20,496	13,32,797	2,39,836	(+) 20,409
1977-78	..	19,56,963	13,64,339	12,46,939	2,82,310	(+) 26,071
1978-79	..	26,22,636	15,77,866	16,92,686	3,31,338	(+) 8,764
1979-80	...	31,76,428	12,71,809	25,11,269	14,89,622	N. A.
1978-79						
Balasore	..	1,31,243	64,690	1,24,427	31,689	(+) 258
Balangir	..	1,04,525	64,306	48,910	13,313	(+) 764
Cuttack	..	2,33,382	1,82,102	1,75,498	45,423	(+) 2,191
Dhenkanal	..	1,37,324	66,602	75,176	17,336	(+) 1,195
Ganjam	—	2,87,970	2,06,686	1,57,460	47,610	(—) 87
Kalahandi	..	1,05,468	38,187	49,057	12,270	(+) 1,516
Keonjhar	..	63,095	32,033	40,245	8,793	(+) 196
Koraput	..	81,565	95,805	61,277	16,920	(+) 1,906
Mayurbhanj	..	89,192	59,871	65,523	12,598	(+) 1,012
Phulbani	..	48,931	32,597	33,464	7,982	(+) 1,572
Puri	..	11,12,421	5,00,872	6,81,397	56,837	(—) 3,587
Sambalpur	..	1,75,431	1,89,740	1,42,456	43,694	(—) 4,216
Sundargarh	..	52,089	44,375	37,796	16,873	(+) 544
1979-80						
Balasore	..	1,92,867	74,641	1,47,474	90,083	N. A.
Balangir	..	1,50,100	68,639	94,772	42,060	(+) 855
Cuttack	..	3,27,376	1,29,962	2,49,022	1,19,614	(+) 1,761
Dhenkanal	..	1,89,125	67,045	1,11,790	50,032	(+) 1,213
Ganjam	..	3,19,727	1,14,630	1,81,866	1,12,709	(—) 6,664
Kalahandi	..	1,56,110	47,277	97,506	38,956	(+) 1,454
Keonjhar	..	88,690	33,104	45,765	26,098	(—) 2,272
Koraput	..	1,15,314	92,337	95,433	48,010	(+) 3,481
Mayurbhanj	..	1,39,832	91,937	82,579	37,925	(+) 983
Phulbani	..	78,075	36,401	60,048	23,450	(+) 950
Puri	..	10,98,121	3,24,950	10,96,700	7,73,756	(+) 8,689
Sambalpur	—	2,39,324	1,48,671	1,90,280	1,03,249	(—) 6,355
Sundargarh	..	81,767	42,215	58,034	23,680	(—) 270

Source—Registrar of Co-operative Societies, Orissa  
Excluding Industrial and Weavers Co-operative Societies

## XI. CO-OPERATION

Table No. 11-02

Number, Membership and Financial Position of Central Co-operative Banks in Orissa

Year/District		Number of Societies	Number of Branches	Number of Members	Total working Capital ('000 Rs.)
(1)		(2)	(3)	(4)	(5)
1975-76	..	17	89	5,089	4,13,461
1976-77	..	17	111	5,158	5,43,000
1977-78	..	17	111	5,083	6,78,400
1978-79	..	17	139	5,113	8,75,500
1979-80	..	17	N. A.	N. A.	12,41,671
1978-79					
Balasore	..	1	8	444	71,800
Balangir	..	1	4	327	38,200
Cuttack	..	2	23	936	1,18,400
Dhenkanal	..	1	9	294	69,400
Ganjam	..	2	19	744	1,36,500
Kalahandi	..	1	7	181	51,100
Keonjhar	..	1	6	98	32,300
Koraput	..	1	7	335	46,300
Mayurbhanj	..	1	7	158	37,900
Phulbani	..	1	5	135	30,200
Puri	..	3	19	876	1,25,900
Sambalpur	..	1	19	441	94,800
Sundargarh	..	1	6	144	22,700
1979-80					
Balasore	..	1	N. A.	N. A.	1,05,567
Balangir	..	1	6	..	61,400
Cuttack	..	2	26	..	1,67,400
Dhenkanal	..	1	13	..	1,03,200
Ganjam	..	2	23	..	1,62,100
Kalahandi	..	1	9	..	80,300
Keonjhar	..	1	6	..	45,000
Koraput	..	1	10	..	68,600
Mayurbhanj	..	1	N. A.	..	58,604
Phulbani	..	1	6	..	49,300
Puri	..	3	24	..	1,67,200
Sambalpur	..	1	19	..	1,35,800
Sundargarh	..	1	6	N. A.	37,200

## XI. CO-OPERATION

Table No. 11-02—*contd.*

Number, Membership and Financial Position of Central Co-operative Banks in Orissa

(Amount of '000 Rs.)

Year/District	Liabilities			
	Share Capital	Contribution of Government to share capital	Deposits	Total Borrowings
(1)	(6)	(7)	(8)	(9)
1975-76	65,159	..	1,41,489	1,41,472
1976-77	77,500	..	1,68,300	2,18,000
1977-78	87,600	..	2,15,000	2,86,000
1978-79	1,02,000	..	2,77,500	3,89,500
1979-80	1,29,344	..	3,76,070	5,86,137
<b>1978-79</b>				
Balasore	8,300	..	18,200	40,800
Balangir	5,300	..	8,700	14,600
Cuttack	14,300	..	34,600	55,600
Dhenkanal	8,000	..	19,000	33,700
Ganjam	14,600	..	57,000	48,200
Kalahandi	6,000	..	15,600	24,100
Keonjhar	4,300	..	9,400	16,700
Koraput	4,700	..	11,000	26,500
Mayurbhanj	4,300	..	20,600	10,300
Phulbani	2,700	..	11,800	13,000
Puri	16,800	..	31,700	58,700
Sambalpur	10,300	..	30,400	39,600
Sundargarh	2,400	..	9,500	7,700
<b>1979-80</b>				
Balasore	10,457	..	18,638	64,847
Balangir	7,400	..	11,700	31,100
Cuttack	16,800	..	45,800	84,500
Dhenkanal	11,400	..	26,300	56,400
Ganjam	16,400	..	82,500	40,700
Kalahandi	9,000	..	19,400	45,000
Keonjhar	5,400	..	11,800	23,800
Koraput	7,300	..	20,500	36,200
Mayurbhanj	5,887	..	23,132	21,090
Phulbani	3,900	..	14,100	26,700
Puri	19,800	..	42,000	79,600
Sambalpur	11,900	..	45,100	61,400
Sundargarh	3,700	..	15,100	14,800

## XI. CO-OPERATION

Table No. 11-02—*contd.*

Number, Membership and Financial Position of Central Co-operative Banks in Orissa

( Amount in '000 Rs. )

Year/District	Liabilities		Assets	
	Reserve & other funds	Other Liabilities	Cash in hand and balance with Bank	Investment
(1)	(10)	(11)	(12)	(13)
1975-76 ..	24,553	41,534	38,030	46,566
1976-77 ..	28,100	51,400	55,800	29,600
1977-78 ..	47,500	38,800	88,500	29,000
1978-79 ..	56,100	45,500	1,12,300	38,000
1979-80 ..	66,994	76,944	1,61,846	46,721
1978-79				
Balasore ..	2,100	1,900	9,900	1,700
Balangir ..	4,000	5,500	5,100	800
Cuttack ..	6,900	5,700	6,100	10,900
Dhenkanal ..	4,500	3,700	3,300	6,100
Ganjam ..	9,800	7,100	22,000	5,700
Kalahandi ...	3,500	1,300	8,400	1,500
Keonjhar ..	800	900	5,700	1,100
Koraput ...	1,900	2,500	4,900	1,200
Mayurbhanj ..	500	1,800	8,500	900
Phulbani ..	1,600	700	5,800	500
Puri ..	11,600	5,600	14,900	3,200
Sambalpur ..	8,400	6,300	11,300	4,000
Sundargarh ..	500	2,500	6,400	400
1979-80				
Balasore ..	2,400	8,875	5,946	3,493
Balangir ..	5,500	5,900	7,000	1,300
Cuttack ..	7,800	11,800	8,100	13,100
Dhenkanal ..	4,500	3,500	7,900	7,700
Ganjam ..	11,900	9,600	43,700	4,400
Kalahandi ..	4,600	1,700	7,900	2,500
Keonjhar ...	1,500	2,200	7,200	1,100
Koraput ..	1,600	3,000	10,500	1,700
Mayurbhanj ..	794	7,269	9,000	1,228
Phulbani ...	2,200	2,000	7,100	1,100
Puri ..	14,300	10,000	17,700	3,800
Sambalpur ..	9,600	8,200	19,200	4,500
Sundargarh ..	300	2,900	10,600	800

## XI. CO-OPERATION

Table No. 11-02—Concl'd.

Number, Membership and Financial Position of Central Co-operative Banks in Orissa

(Amount of '000' Rs.)

Year/District		Assets				Profit (+) Loss (—)
		Loans outstanding	Other Assets	Loans Advanced	Loans Recovered	
(1)		(14)	(15)	(16)	(17)	(18)
1975-76	..	2,91,699	37,166	2,46,900	..	(+) 2,992
1976-77	..	3,96,500	61,100	3,82,200	..	(+) 700
1977-78	..	4,94,900	66,000	4,46,400	..	(+) 4,900
1978-79	..	6,50,600	74,600	5,57,200	..	(+) 5,500
1979-80	..	9,54,559	78,545	8,58,541	4,00,335	N. A.
1978-79						
Balasore	..	55,900	4,300	69,800	..	N. A.
Balangir	..	28,900	3,400	20,800	..	..
Cuttack	..	91,100	10,300	94,600	..	..
Dhenkanal	..	54,400	5,600	29,400	..	..
Ganjam	..	1,01,900	6,900	64,500	..	..
Kalahandi	..	37,300	3,900	24,500	..	..
Keonjhar	..	22,500	3,000	14,400	..	..
Koraput	..	31,100	9,100	31,400	..	..
Mayurbhanj	..	26,500	2,000	21,200	..	..
Phulbani	..	22,200	1,700	20,000	..	..
Puri	..	96,800	11,000	74,900	..	..
Sambalpur	..	69,000	10,500	80,000	..	..
Sundargarh	..	13,000	2,900	11,700	..	N. A.
1979-80						
Balasore	..	84,706	11,422	88,029	48,502	N. A.
Balangir	..	48,500	4,600	45,900	16,500	N. A.
Cuttack	..	1,37,700	8,500	1,37,900	53,500	N. A.
Dhenkanal	..	80,200	7,400	55,300	25,200	N. A.
Ganjam	..	1,07,900	6,100	90,300	50,000	N. A.
Kalahandi	..	64,000	5,500	50,800	18,700	N. A.
Keonjhar	..	34,100	2,600	22,600	13,200	N. A.
Koraput	..	53,800	2,600	45,300	24,400	N. A.
Mayurbhanj	..	42,153	6,223	37,512	20,833	N. A.
Phulbani	..	39,000	2,100	32,400	11,400	N. A.
Puri	..	1,36,900	8,800	1,26,600	57,900	N. A.
Sambalpur	..	1,00,500	11,600	1,07,800	53,700	N. A.
Sundargarh	..	24,700	1,100	18,100	6,500	N. A.

Source—Registrar of Co-operative Societies, Orissa

## XI. CO-OPERATION

Table No. 11-03

Number, Membership and Financial Position of the State Co-operative Institutions in Orissa

Year/Institutions		Number of Societies	Number of members	Total working capital (‘000 Rs.)
(1)		(2)	(3)	(4)
1975-76	..	8	2,678	8,75,572
1976-77	..	8	2,719	11,35,703
1977-78	..	8	3,150	12,42,355
1978-79	..	8	1,983	14,91,623
1979-80	..	8	N. A.	11,33,951
1978-79				
Orissa State Co-operative Bank	..	1	71	5,58,300
Orissa State Co-operative Land Development Bank	..	1	55	5,41,500
Orissa State Co-operative Marketing Federation	..	1	159	2,61,582
Orissa State T. D. C. S.	..	1	274	57,084
Central Fishermen Co-operative Society	..	1	136	3,040
Consumer Federation	..	1	32	22,944
Orissa State Housing Corporation	..	1	427	1, 173
Orissa State Co-operative Union	..	1	829	..
1979-80				
Orissa State Co-operative Bank	..	1	N. A.	8,18,200
Orissa State Co-operative Land Development Bank	..	1	N. A.	6,506
Orissa State Co-operative Marketing Federation	..	1	N. A.	2,56,325
Central Fishermen Co-operative Society	..	1	N. A.	4,191
Consumer Federation	..	1	N. A.	33,196
Orissa State Housing Corporation	..	1	N. A.	15,472
Poultry Federation	..	1	N. A.	61
Orissa State Co-operative Union	..	1	N. A.	..



## XI. CO-OPERATION

Table No. 11·03—Contd.

Number, Membership and Financial Position of the State Co-operative Institutions in Orissa

(Amount of '000 Rs.)

Year/District	Share Capital	Contribution of Government to Share Capital	Deposits	Total Borrowings
(1)	(5)	(6)	(7)	(8)
1975-76	.. 57,051	..	2,11,326	4,58,856
1976-77	.. 73,728	..	1,57,141	6,24,088
1977-78	.. 87,130	..	1,92,400	6,91,322
1978-79	.. 1,10,061	..	2,35,287	8,22,192
1979-80	.. 71,137	25,650	3,02,795	4,87,188
1978-79				
Orissa State Co-operative Bank	.. 27,200	..	2,32,000	2,22,600
Orissa State Co-operative Land Development Bank..	25,000	..	2,600	4,64,300
Orissa State Co-operative Marketing Federation	.. 17,483	..	477	81,751
Orissa State T. D. C. S.	.. 32,738	..	180	31,883
Central Fishermen Co-operative Society	.. 235	..	..	902
Consumer Federation	.. 3,814	..	30	10,038
Orissa State Housing Corporation	.. 3,591	..	..	10,718
Orissa State Co-operative Union	.. ..	..	..	..
1979-80				
Orissa State Co-operative Bank	.. 37,100	..	3,02,200	3,77,800
Orissa State Co-operative Land Development Bank..	292	..	30	5,636
Orissa State Co-operative Marketing Federation	.. 19,984	19,873	508	78,635
Central Fishermen Co-operative Society	.. 3,994	248	..	1,940
Consumer Federation	.. 5,651	5,479	57	13,388
Orissa State Housing Corporation	.. 4,056	..	..	9,789
Poultry Federation	.. 60	50	..	..
Orissa State Co-operative Union	.. ..	..	..	..

## XI. CO-OPERATION

Table No. 11'03—Contd.

Number, Membership and Financial Position of the State Co-operative Institutions in Orissa

( Amount of '000 Rs. )

Year/District	Liabilities		Assets		
	Reserve and other funds	Other liabilities	Cash in hand and balance with Bank	Investment	
(1)	(9)	(10)	(11)	(12)	
1975-76	..	41,527	193,624	37,245	132,793
1976-77	..	42,550	194,480	27,100	178,400
1977-78	..	42,441	238,910	56,500	192,000
1978-79	..	50,530	204,918	37,300	205,800
1979-80	..	41,476	210,448	30,278	70,602
1978-79					
Orissa State Co-operative Bank	..	25,800	5,000	23,800	57,000
Orissa State Co-operative Land Development Bank	..	9,700	39,900	13,500	148,800
Orissa State Co-operative Marketing Federation	..	14,812	139,800	..	..
Orissa State T. D. C. S.	..	..	7,173	..	..
Central Fishermen Co-operative Society	..	34	1,612	..	..
Consumer Federation	..	184	8,663	..	..
Orissa State Housing Corporation	..	..	2,764	..	..
Orissa State Co-operative Union	..	..	..	..	..
1979-80					
Orissa State Co-operative Bank	..	41,100	54,500	30,000	68,100
Orissa State Co-operative Land Development Bank	..	147	419	278	2,502
Orissa State Co-operative Marketing Federation	..	11	138,601	..	..
Central Fishermen Co-operative Society	..	34	1,637	..	..
Consumer Federation	..	184	13,681	..	..
Orissa State Housing Corporation	..	..	1,602	..	..
Poultry Federation	..	..	8	..	..
Orissa State Co-operative Union	..	..	..	..	..

## XI. CO-OPERATION

Table No. 11-03—*Concl'd.*

Number, Membership and Financial Position of the State Co-operative Institutions in Orissa.

(Amount of '000 Rs.)

Year/District		Assets				Profit (+) Loss (—)
		Loans outstanding	Other assets	Loans advanced	Loans recovered	
(1)		(13)	(14)	(15)	(16)	(17)
1975-76	..	390,052	315,482	225,327	1,290	(+) 6,689
1976-77	..	577,705	352,498	427,931	1,113	(+) 10,717
1977-78	..	581,756	412,099	399,068	1,217	(+) 8,639
1978-79	..	851,824	396,699	502,600	..	(—) 6,410
1979-80	..	759,977	236,655	862,104	641,936	(+) 6,049
1978-79						
Orissa State Co-operative Bank	..	426,300	81,200	423,200	..	(+) 4,000
Orissa State Co-operative Land Development Bank.	..	346,900	32,300	79,400	..	(+) 1,600
Orissa State Co-operative Marketing Federation.	..	66,649	194,933	..	..	(+) 96
Orissa State T. D. C. S.	..	663	56,421	..	..	(—) 12,261
Central Fishermen Co-operative Society	..	902	2,138	..	..	(+) 1
Consumer Federation	..	..	22,944	..	..	(+) 96
Orissa State Housing Corporation	..	10,410	6,763	..	..	(—) 58
Orissa State Co-operative Union	..	..	..	..	..	..
1979-80						
Orissa State Co-operative Bank	..	676,100	44,000	860,800	640,400	(+) 5,500
Orissa State Co-operative Land Development Bank.	..	4,284	442	1,170	377	(+) 8
Orissa State Co-operative Marketing Federation.	..	70,055	149,495	..	..	(+) 483
Central Fishermen Co-operative Society	..	153	3,376	..	..	(+) 8
Consumer Federation	..	..	33,196	..	..	(+) 21
Orissa State Housing Corporation	..	9,385	6,087	134	1,159	(+) 25
Poultry Federation	..	..	59	..	..	(+) 4
Orissa State Co-operative Union	..	..	..	..	..	..

[SOURCE—Registrar of Co-operative Societies Orissa

\* Excluding Industrial &amp; Weavers Co-operative Society

## XI. CO-OPERATION

Table No. 11-04

Number, Membership and Financial Position of Agricultural Co-operative Societies in Orissa

Year/District	Number of societies	Number of members '000 Nos.)	Total working capital (000 Rs.
(1)	(2)	(3)	(4)
1975-76	4,068	2,477	12,66,768
1976-77	4,128	2,663	16,04,890
1977-78	4,018	2,678	17,64,505
1978-79	4,008	2,754	21,32,102
1979-80	3,771	N. A.	24,67,559
1978-79—			
Balasore	322	225	1,32,650
Balangir	268	211	1,44,712
Cuttack	865	426	2,88,382
Dhenkanal	297	190	1,50,632
Ganjam	655	345	3,26,874
Kalahandi	158	170	1,08,451
Keonjhar	82	131	72,934
Koraput	194	229	1,44,664
Mayurbhanj	84	163	1,21,656
Phulbani	80	73	62,239
Puri	686	287	2,37,187
Sambalpur	239	237	2,85,706
Sundargarh	78	67	56,015
1979-80—			
Balasore	315	N. A.	1,81,868
Balangir	254	..	1,82,139
Cuttack	825	..	3,36,376
Dhenkanal	297	..	1,74,467
Ganjam	628	..	3,09,326
Kalahandi	163	..	1,42,285
Keonjhar	82	..	84,972
Koraput	94	..	1,65,794
Mayurbhanj	84	..	1,82,801
Phulbani	81	..	81,231
Puri	668	..	2,79,168
Sambalpur	219	..	2,78,594
Sundargarh	61	N. A.	68,538

## XI. CO-OPERATION

Table No. 11-04—Contd.

Number, Membership and Financial Position of Agricultural Co-operative Societies in Orissa

(Amount of '000s)

Year/District	Share capital	Contribution of Government share capital	Deposits	Total Borrowings
(1)	(5)	(6)	(7)	(8)
1975-76	1,87,929	..	23,772	5,40,816
1976-77	2,17,832	..	24,483	7,16,980
1977-78	2,45,076	..	24,675	8,23,595
1978-79	2,74,985	..	27,352	9,87,564
1979-80	3,05,815	1,37,588	29,014	13,89,182
1978-79—				
Balasore	17,069	..	1,867	74,536
Balangir	14,695	..	3,416	38,359
Cuttack	37,164	..	2,495	1,16,889
Dhenkanal	15,582	..	3,029	83,892
Ganjam	39,234	..	2,025	1,92,558
Kalahandi	11,001	..	2,602	56,813
Keonjhar	8,488	..	1,180	25,945
Koraput	16,468	..	1,910	52,323
Mayurbhanj	13,506	..	2,320	50,549
Phulbani	11,033	..	617	26,778
Puri	25,893	..	2,539	1,06,861
Sambalpur	52,256	..	2,889	1,33,191
Sundargarh	8,596	..	463	28,870
1979-80—				
Balasore	20,269	9,630	1,444	1,09,675
Balangir	16,437	5,418	3,244	91,027
Cuttack	42,258	18,962	2,718	1,63,478
Dhenkanal	17,401	6,059	3,587	1,05,206
Ganjam	41,137	15,594	2,140	2,11,551
Kalahandi	13,902	2,867	3,029	83,746
Keonjhar	9,898	3,278	1,163	49,901
Koraput	17,222	8,604	1,371	72,139
Mayurbhanj	16,462	6,311	2,503	77,666
Phulbani	12,756	5,956	1,255	41,858
Puri	27,530	10,978	3,039	1,69,352
Sambalpur	60,607	40,644	3,096	1,70,355
Sundargarh	9,936	3,283	425	43,228

## XI. CO-OPERATION

Table No. 11404—Contd.

Number, membership and financial position of Agricultural Co-operative Societies in Orissa

( Amount of '000s )

Year/District	Liabilities		Assets	
	Reserve and other funds	Other liabilities	Cash in hand and balance with bank	Investment
(1)	(9)	(10)	(11)	(12)
1975-76	28,426	406,481	32,177	30,106
1976-77	60,253	536,347	52,394	77,127
1977-78	69,299	564,582	67,158	89,907
1978-79	66,001	730,980	80,741	96,634
1979-80	65,738	712,404	105,676	118,834
1978-79 --				
Balasore	3,541	27,347	5,830	7,118
Balangir	6,424	75,460	5,652	5,327
Cuttack	3,990	125,012	4,898	11,844
Dhenkanal	10,282	38,247	5,749	9,054
Ganjam	16,600	68,643	10,195	19,238
Kalahandi	3,905	25,645	3,401	5,618
Keonjhar	2,086	22,797	3,113	3,393
Koraput	2,549	67,075	10,835	5,804
Mayurbhanj	3,954	47,249	7,775	4,232
Phulbani	880	21,020	3,726	2,091
Puri	4,060	80,752	9,444	11,544
Sambalpur	6,924	112,607	4,857	9,454
Sundargarh	806	19,126	5,266	1,917
1979-80--				
Balasore	3,543	37,851	10,332	7,873
Balangir	7,068	59,330	8,908	6,988
Cuttack	4,140	128,759	11,136	15,380
Dhenkanal	9,533	37,394	6,360	9,448
Ganjam	16,018	59,286	8,455	21,791
Kalahandi	4,276	29,792	5,323	7,478
Keonjhar	3,084	19,283	2,421	4,785
Koraput	2,171	68,825	10,957	5,831
Mayurbhanj	3,933	77,231	9,932	5,667
Phulbani	694	23,793	5,062	2,197
Puri	5,305	45,281	12,795	17,384
Sambalpur	5,813	107,577	7,735	10,982
Sundargarh	160	18,002	6,200	3,030

## XI. CO-OPERATION

Table No. 11-04—Concl'd.

Number, membership and financial position of Agricultural Co-operative Societies in Orissa  
(Amount of '000 Rs.)

Year/District		Assets				Profit (+) Loss (—)
		Loans Outstanding	Other Assets	Loans Advanced	Loans Recovered	
(1)		(13)	(14)	(15)	(16)	(17)
1975-76	..	602,175	565,065	240,714	172,396	(+)12,430
1976-77	..	751,995	723,374	392,464	201,089	(+) 6,064
1977-78	..	827,673	779,767	364,647	236,371	(+)10,538
1978-79	..	1,034,280	920,447	496,205	286,830	(+) 7,026
1979-80	..	1,358,357	823,324	726,014	396,737	N. A.
1978-79						
Balasore	..	73,649	46,053	54,207	31,247	(+) 187
Balangir	..	75,171	58,562	27,498	13,274	(+) 870
Cuttack	..	122,601	149,039	69,658	38,599	(+) 1,808
Dhenkanal	..	81,558	54,271	31,244	16,497	(+) 1,142
Ganjam	..	169,371	128,070	72,030	42,055	(—) 345
Kalahandi	..	66,342	33,090	22,764	11,940	(+) 1,488
Keonjhar	..	40,034	26,394	14,162	8,758	(+) 165
Koraput	..	48,931	79,094	27,014	14,059	(+) 1,573
Mayurbhanj	..	54,692	54,957	24,488	11,855	(+) 726
Phulhani	..	26,685	29,737	13,464	7,971	(+) 1,549
Puri	..	146,040	70,159	72,128	43,045	(+) 2,155
Sambalpur	..	103,046	168,349	57,012	41,295	(—) 4,620
Sundargarh	..	26,160	22,672	10,536	6,235	(+) 328
1979-80						
Balasore	..	106,163	57,500	58,709	40,997	N. A.
Balangir	..	101,065	61,534	48,694	25,463	(+) 954
Cuttack	..	166,626	106,281	100,014	56,409	(+) 1,239
Dhenkanal	..	106,664	51,738	55,792	24,208	(+) 1,424
Ganjam	..	194,428	84,621	83,341	54,786	(+) 5,196
Kalahandi	..	89,552	39,250	45,672	19,414	(+) 1,370
Keonjhar	..	52,886	25,156	22,781	12,666	(—) 2,028
Koraput	..	58,475	79,075	40,298	21,950	(+) 3,243
Mayurbhanj	..	90,159	77,043	44,070	13,953	(+) 652
Phulhani	..	39,049	33,218	27,648	12,030	(+) 1,123
Puri	..	180,805	62,242	101,169	62,281	(+) 1,891
Sambalpur	..	134,725	125,314	78,456	46,181	(—) 6,481
Sundargarh	..	37,760	20,352	19,370	6,399	(—) 350

SOURCE—Registrar of Co-operative societies, Orissa

## XI. CO-OPERATION

Table No. 11-05

Number, Membership and financial position of Non-Agricultural Co-operative Societies in Orissa

Year/District		Number of societies	Number of members (000' Nos.)	Total working Capital (000' Rs.)
(1)		(2)	(3)	(4)
1975-76	..	1,622	328	1,58,636
1976-77	..	1,679	352	1,56,130
1977-78	..	1,745	378	1,77,399
1978-79	..	1,772	377	2,91,903
1979-80	..	1,872	N.A.	1,77,767
1978-79				
Balasore	..	117	21	16,228
Balangir	..	51	10	2,859
Cuttack	..	486	75	45,293
Dhenkanal	..	78	11	8,407
Ganjam	..	170	68	95,578
Kalahandi	..	57	2	3,340
Keonjhar	..	74	9	3,277
Koraput	..	81	30	10,337
Mayurbhanj	..	39	14	13,757
Phulbani	..	15	3	1,214
Puri	..	352	62	44,068
Sambalpur	..	100	32	14,590
Sundargarh	..	152	40	32,955
1979-80				
Balasore	..	118	N.A.	7,344
Balangir	..	54	..	2,435
Cuttack	..	519	..	28,380
Dhenkanal	..	75	..	8,053
Ganjam	..	169	..	19,318
Kalahandi	..	68	..	2,072
Keonjhar	..	88	..	5,608
Koraput	..	88	..	10,616
Mayurbhanj	..	42	..	18,945
Phulbani	..	15	..	1,063
Puri	..	365	..	19,721
Sambalpur	..	113	..	11,876
Sundargarh	..	158	N.A.	42,336



## XI. CO-OPERATION

Table No. 11-05—Contd.

Number, Membership and Financial Position of Non-Agricultural Co-operative societies in Orissa  
(Amount of '000 Rs.)

Year/District	Share capital	Contribution of Government to share capital	Deposits	Total Borrowings
(1)	(5)	(6)	(7)	(8)
1975-76 ..	27,256	74	35,043	27,495
1976-77 ..	33,599	79	39,917	31,360
1977-78 ..	39,761	102	47,023	44,170
1978-79 ..	44,384	252	57,187	51,868
1979-80 ..	68,029	19,555	67,322	69,500
1978-79				
Balasore ..	1,415	85	148	2,332
Balangir ..	527	..	25	561
Cuttack ..	7,697	..	4,246	17,710
Dhenkanal ...	1,290	17	551	2,526
Ganjam ..	12,385	..	17,038	5,544
Kalahandi ..	657	..	11	2,068
Keonjhar ..	627	..	198	805
Koraput ..	2,377	..	843	1,368
Mayurbhanj ..	1,925	10	7,529	1,393
Phulbani ..	341	..	11	429
Puri ..	5,780	..	16,459	8,259
Sambalpur ..	3,078	140	4,444	2,148
Sundargarh ...	6,235	..	5,684	6,725
1979-80				
Balasore ..	1,479	803	332	3,585
Balangir ..	838	319	26	812
Cuttack ..	20,989	7,078	5,241	20,025
Dhenkanal ..	1,765	857	620	3,811
Ganjam ..	7,457	2,388	20,083	7,205
Kalahandi ...	824	402	66	2,445
Keonjhar ..	972	363	223	1,279
Koraput ..	5,733	1,197	1,148	2,843
Mayurbhanj ..	2,236	1,040	8,899	2,544
Phulbani ..	380	277	10	586
Puri ..	8,433	1,852	18,062	10,001
Sambalpur ..	4,711	1,568	4,334	3,883
Sundargarh ..	12,212	1,411	8,278	10,481

## XI. CO-OPERATION

Table No. 11-05

Number, membership and financial position of Non-agricultural Co-operative Societies in Orissa

(Amount of 000' Rs.)

Year/District	Liabilities			
	Reserve and other funds	Other liabilities	Assets	
			Cash in hand and balance with Bank	Investment
(1)	(9)	(10)	(11)	(12)
1975-76 ..	4,939	81,537	8,624	7,889
1976-77 ..	6,145	39,463	8,508	7,681
1977-78 ..	7,602	33,052	11,500	6,792
1978-79 ..	8,531	1,26,840	6,832	13,019
1979-80 ..	9,756	69,778	17,217	10,192
1978-79				
Balasore ..	152	11,879	78	119
Balangir ..	80	740	10	51
Cuttack ..	859	15,811	422	2,427
Dhenkanal ..	268	3,289	142	168
Ganjam ..	2,552	58,293	1,898	5,265
Kalahandi ..	6	523	18	299
Keonjhar ..	92	1,033	53	24
Koraput ..	449	4,245	262	930
Mayurbhanj ..	1,053	1,496	1,438	1,405
Phulbani ..	1	344	1	7
Puri ..	1,929	11,944	1,427	1,870
Sambalpur ..	285	4,025	281	33
Sundargarh ..	805	13,218	802	421
1979-80				
Balasore ..	382	1,332	95	232
Balangir ..	65	1,622	14	28
Cuttack ..	1,754	7,002	360	2,853
Dhenkanal ..	347	3,872	323	104
Ganjam ..	2,619	12,757	5,445	2,771
Kalahandi ..	8	583	25	254
Keonjhar ..	317	3,296	13	110
Koraput ..	488	7,804	405	565
Mayurbhanj ..	1,117	3,524	1,222	1,532
Phulbani ..	11	456	203	25
Puri ..	1,554	10,547	7,585	756
Sambalpur ..	240	3,631	270	169
Sundargarh ..	854	13,352	1,257	793

## XI. CO-OPERATION

Table No. 11-05—Concl'd.

Number, membership and financial position of Non-agricultural Co-operative Societies in Orissa  
(Amount of '000 Rs.)

Year/District	Assets				
	Loans outstanding	Other assets	Loans advanced	Loans recovered	Profit(+) / Loss(-)
(1)	(13)	(14)	(15)	(16)	(17)
1975-76 ..	46,185	1,33,183	1,11,601	32,975	(+)2,982
1976-77 ..	56,417	83,524	1,30,202	37,634	(+)2,928
1977-78 ..	52,634	1,06,473	36,824	44,722	(+)1,994
1978-79 ..	85,932	1,86,120	1,36,681	44,508	(+)2,648
1979-80 ..	1,03,535	1,33,285	64,610	50,614	N. A.
1978-79					
Balasore ..	1,694	14,337	420	442	(+)71
Balangir ..	454	2,344	612	39	(-)106
Cuttack ..	19,681	22,763	11,240	6,824	(+)383
Dhenkanal ..	1,366	6,731	14,532	839	(+)53
Ganjam ..	16,699	71,716	20,930	5,555	(+)258
Kalahandi ..	1,826	1,197	1,793	330	(+)28
Keonjhar ..	561	2,639	11,683	35	(+)31
Koraput ..	1,534	7,611	2,863	2,861	(+)333
Mayurbhanj ..	8,000	2,914	19,835	743	(+)286
Phulbani ..	46	1,160	..	11	(+)23
Puri ..	17,757	23,014	31,769	13,792	(+)668
Sambalpur ..	3,385	10,891	5,444	2,399	(+)404
Sundargarh ..	12,929	18,803	15,560	10,638	(+)216
1979-80					
Balasore ..	1,998	5,719	736	584	N. A.
Balangir ..	535	2,505	178	97	(-)99
Cuttack ..	23,050	15,122	11,108	9,705	(+)518
Dhenkanal ..	2,261	7,907	698	624	(-)211
Ganjam ..	17,399	23,909	8,225	7,923	(+)628
Kalahandi ..	2,158	2,527	1,034	842	(+)84
Keonjhar ..	1,704	5,348	384	232	(-)244
Koraput ..	3,039	10,662	9,835	1,660	(+)238
Mayurbhanj ..	7,520	8,671	997	3,139	(+)331
Phulbani ..	26	1,083	..	20	(-)173
Puri ..	20,439	17,312	6,827	11,639	(+)753
Sambalpur ..	4,099	11,757	4,024	3,368	(+)126
Sundargarh ..	19,307	20,763	20,564	10,781	(+)80

Source—Registrar of Co-operative Societies, Orissa

\* Excluding Industrial and Weavers, Co-operative Societies

## XI. CO-OPERATION

Table No. 11-06

Number, membership and financial position of Weavers' and Industrial Co-operative Societies in Orissa for the year 1979-80

(Amount in 000' Rs.)

Type of Co-operative Societies	Number of societies	No. of members	Working capital
(1)	(2)	(3)	(4)
<b>I. Weavers' Co-operative Societies</b>			
1. Appex Societies ..	3	28,801	75,805
2. Spining Mills ..	2	27,845	78,746
3. Primary Weavers' Co-operative Societies ..	467	75,891	80,766
<b>II. Industrial Co-operative Societies</b>			
1. Appex Societies ..	1	43	1,511
2. Primary Industrial Co-operative Societies ..	2,134	65,490	79,156

Type of Co-operative Societies	Liabilities			
	Share capital	Contribution of Govt. to share capital	Deposits	Total borrowings
(1)	(5)	(6)	(7)	(8)
<b>I. Weavers' Co-operative Societies</b>				
1. Appex Societies ..	28,145	294	632	22,162
2. Spinning Mills ..	21,725	5,648	900	24,941
3. Primary Weavers' Co-operative Societies ..	6,879	2,461	5,640	31,486
<b>II. Industrial Co-operative Societies</b>				
1. Appex Societies ..	41	..	41	1,124
2. Primary Industrial Co-operative Societies ..	9,562	7,086	380	9,419

## XI. CO-OPERATION

Table No. 11-06

Number, membership and financial positions of Weavers' and Industrial Co-operative Societies in Orissa for the year 1979-80

( Amount in '000 Rs. )

Type of Co-operative Societies	Liabilities		Assets	
	Reserve and other funds	Other liabilities	Cash in hand and balance with bank	Investment
(1)	(9)	(10)	(11)	(12)
<b>I. Weavers, Co-operative Societies</b>				
1. Appex Societies	185	..	..	-
2. Spinning Mills	5,770	..	..	..
3. Primary Weavers, Co-operative Societies.	5,136	..	..	..
<b>II. Industrial Co-operative Societies</b>				
1. Appex Societies	175	432	..	405
2. Primary Industrial Co-operative Societies.	2,257	63,513	5,035	1,909

Type of Co-operative Societies	Assets		Loans advanced	Loans recovered	Profit (+) and Loss (—)
	Loans outstanding	Other assets			
(1)	(13)	(14)	(15)	(16)	(17)
<b>I. Weavers' Co-operative Societies.</b>					
1. Appex Societies	22,162	..	43,102	41,156	(+) 1,443
2. Spinning Mills	24,941	..	40,597	39,674	(+) 4,238
3. Primary Weavers' Co-op. Societies.	31,486	..	80,571	65,583	(+) 4,426
<b>II. Industrial Co-operative Societies.</b>					
1. Appex Societies	254	852	..	..	(—) 40
2. Primary Industrial Co-op. Societies.	3,096	69,116	..	..	(—) 25

SOURCE—Directorate of Textiles, Orissa and Joint Director of Industries, Orissa, Bhubaneswar

## XII. INDUSTRY AND MINING

This chapter presents data regarding number of factories productive capital, employment, emolument paid, value of inputs, value of outputs, value added by manufacture by industrial groups, size of industry of the district in the organised factory sector, building work started and completed, number of Joint Stock Companies working, newly registered and liquidated with their authorised capital, number of Tourist Bungalow and earning of the Tourist Development Corporation from tourists, Cinema Houses working with their sitting accommodation, number of tickets sold with sales proceeds, quantities and values of minerals produced, value exported, employments in working mines and mining revenue in the State of Orissa for a decade.

*Industrial Statistics*—The Annual Survey of Industry is the principal source of industrial statistics presented in this chapter. The data relates to the factories, registered under Indian Factory Act, 1948. Electrical undertaking maintained by the Central Electricity Authority and all Bidi Factories (under Bidi and Cigar Workers (Condition of Employment) Act, 1966.

The survey is conducted every year by the National Sample Organisation, Government of India in collaboration with the Bureau of Statistics and Economics, Orissa under statutory provision of the Collection of Statistics Act, 1953 and Collection of Statistics (Central) Rules, 1959. Framed thereunder from the year 1960 in this State. The data collected are processed and tabulated by the Bureau of Statistics and Economics Orissa for the State.

Number of registered factories, number of working factories, number of factories reported, productive capital invested, number of persons employed, emolument paid, value of inputs, value of outputs depreciation, and value added by manufactures were Rs.1647, Rs.1006, 1001 Rs. 917.45 crores Rs. 113 thousand, Rs. 86.06 crores, Rs. 641.47 crores, Rs 872.42 crores Rs. 31.74 crores and Rs. 199.21 crores during the year 1978-79 as against 1510, 957, 944, Rs. 802 crores 116 thousand Rs. 83 crores Rs. 454 crores Rs. 654 crores Rs. 32 crores and Rs. 168 crores respectively in the previous year recording appreciable increase during the year 1978-79.

Value add by manufacturer is the best indicator of the industrial growth in the State. Among the major Industries Iron and Steel, Generation and Transmission of Electrical Energy, manufacture of structural clay products, manufacture of paper and paper board, cotton spinning, weaving and finishing of cotton, manufacture of fertilisers and pesticides are the seven industries which are contributing and mount of Rs. 157.99 crores more than 79% of total value added by the manufactures of Rs. 199.21 crores. Hence the large and midium industries contributed highest percentage of the total value added in the factory sector through their manufacturing units in the state are very few.

*Joint Stock Companies*—A joint stock company is a body corporate with a common seal, perpetual succession owned by large number of persons known as share holders who contribute to the capital of the company with the right to transfer their individual share holding but managed by Board of Directors elected by large share holders. The liabilities of the share holders of the joint stock companies are limited to the extent of the amount of their shares. A company register according to the provision of the companies Act is known as Registered Company.

The registered joint stock companies are of two types as public company and private company. A public company means a company of seven or more persons which offers its share to public for subscription, as its share is offered to public. It provides scope for investment to a large number of people. A private company is a company of two or more persons put not excluding fifty exclusive of employee share holders of the company. The data presented here relate to the Registered Joint Stock Companies. The companies registered out side the state, but carrying on business inside the state are not included here but companies carrying on business outside the state and registered in the state are included. Companies newly registered include those which are transferred from other state.

The number of public and private companies functioning at the beginning of the year 1980-81 in the state and their authorised capital were 114 and 376 and Rs. 152.60 crores and Rs. 336.46 crores as against 101 356 Rs.126.90 croree and Rs. 334.81 crores respectively in the previous year. Among the district the number of companies were highest in the district of Cuttack followed by district of Puri. The authorised capital of the private companies is highest in sundargarh district followed by Puri district in the 1980-81 Number of private companies newly registered during the year 1980-81 was 55 as against 40 Nos. in previous year. Such increase is due to large number of new registration at Cuttack and Puri district.

*Income from tourism*—As earlier stated Orissa with number of religious and historical places is inviting many foreigners to visit it every year. Jagannath Temple in Puri, Sun Temple in Konark and Lingaraj Temple in Bhubaneswar which are pride of Orissa for their fine arts and beautiful natural scenery of the sea shore in Puri, Chandipur, Chilika lake, Similipal forest, Pradhanpart water fall are attracting large number of visitors to its land. The State Government have constructed tourist Bungalows at Chandipur in Balasore district, Rambha in Ganjam district, Bangriposi in Mayurbhanj disirict, Bhubaneswar and Konark in Pur

district with total number of rooms 105 and beds 226 to provide accommodation to the visitors coming to these places to enjoy natural scenery and see the fine art work in the bodies of the temple during the year 1979. The foreigners and Indian Visitors to such places spent 4.5 thousand guest nights and 40.3 thousands guest nights respectively there. The Tourist Development Corporation earned an income of Rs. 36.4 thousand from the foreigner on the average 123 guest nights per day was spent and one foreigner has paid Rs. 8 per night halt to the state exchequer during the year 1979.

**Building construction**—Building constructions in public sector is undertaken by the Works Department through Chief Engineer, Roads and Building, Orissa. The buildings are classified residential, industrial commercial, institutional and others. During the year 1980-81, 82 projects for various types of buildings were taken up and 268 projects were completed as against 175 projects and 403 projects respectively in the previous year. Value of works done for the project started and completed was Rs. 93.96 lakhs and Rs. 99.70 lakhs respectively.

Among the different classes of buildings, construction of residential building was comparatively more than any other type of building followed by the institutional building.

However 51 projects for sanitary and water supply installation was taken up during the year 1980-81 with the value of work done during the period was Rs. 13.30 lakhs. Similarly 28 projects for electrical installation were taken up with value of works done during the period was 1.49 lakhs of rupees.

**Cinema Industry**—Cinema Industry is the main sources of social amenity in the modern world. It is thriving in the urban areas where people can afford for frequent visit of films to get relief for their day long busy times. There are 136 cinema houses in Orissa having urban area 2214.2 Sq.Km. and urban Population of 31 lakhs during the year 1981. Hence there are cinema houses within 16.28 Sq.Km. of urban area.

**Production of salt**—There are six salt factories in Ganjam Sumandi, Surale Gokha, Astarang and Bolang which are in coastal district of Orissa. The production of the above mentioned salt factories, was 87 thousand tonnes in the year 1972, 84 thousand tonnes during 1977. The production of salt in 1980 has increased to 127 thousand tonnes but the salt production in 1981 has come down to 13154 due to natural calamity.

**Mineral Production**—The basic mineral statistics exhibits the measure of development of the mining industry in the State. The data are compiled in the office of the Director of Mines, Orissa from the returns submitted by the licence of the working mines under the Mineral Conservation and Development Rules, 1958, Mineral Concession Rules, 1968. Mines Act, 1952, Indian Metalliferous Regulation, 1961 and inspection reports of the Senior Mining Officers. Number of working mines was 237 covering an area 78 thousand hectares in the State during 1980-81 as against 271 working mines covering an area of 80 thousand hectares during the previous year. The average number of mines workers (Unskilled) employed daily in different mines during the year 1981 was 57 thousand, which was lower by 1.72 per cent compared to 58 thousand in the previous year. The total quantity of mineral production in Orissa during the year 1981 was 1284 million Mt. tonnes as compared to 1366 Metric tonnes of the previous year. Out of this production of iron-ore was 508 million metric tonnes during 1981 as against 576 million metric tonnes in the previous year. Its production was about 40 per cent of the total mineral production in the State during 1981. Orissa is one of the important State for producer of iron ore in the country and maintaining its third position next to Goa and Madhya Pradesh.

Total value of mineral production in the State during the year 1981 was Rs. 110 crores as against Rs. 95 crores in the previous year recording an increase of 14.43 per cent. The value has been calculated in the basis of monthly production out of this iron-ore accounted for Rs. 23 crores, Chromite for Rs. 13 crores and manganese ores for Rs. 6 crores. The value of these three minerals was Rs. 42 crores or about 38.2 per cent of the value of total mineral production of the state during the year 1981.

The export of minerals during the year 1981 was 7.85 million metric tonnes. Out of this quantity of Iron-ores exported was found out to be 6.8 million tonnes as against 12.13 million tonnes. The reasons for short fall for export during the year 1981 was mainly due to world wide recession in steel industry and reduction in quantity of export to Japan which is the main country to take iron-ore from Orissa through Paradeep Port.

**Mining Revenue**—Mining revenue collected during the year 1981 in the State was Rs. 4.28 crores as against Rs. 4.55 crores in the previous year, recording 5.93 per cent decrease. The district of Keonjhar ranked 1st in collection of mining revenue amounting to Rs. 1.24 crores followed by Sundargarh with Rs. 1.24 crores. The collection of Royalty during the year 1981 was Rs. 4.26 crores against Rs. 4.54 crores in the previous year.

**Industrial Programmes**—The new industrial policy for rapid industrialisation to improve the economic condition of the people has changed the industrial sceneries in the State. The slogan for setting up a thousand industries in a thousand days with an investment of Rs. 1,000 crores has been come a reality. Three joint

national projects, the Aluminium Complex, the Phosphatic Fertiliser Plant and the Second Steel Plant have been materialised. A number of new medium and large industries have gone into production during last three years, and a large number of such industries with a total investment of over Rs. 1,000 crores are under implementation. In the small industry sector, about 9 thousand new units have been set up till 1980. Another 8 thousands units will come up very soon. An all India review by the Central Government has recognised the effort of the State Government and placed the performance of District Industries Centres of Orissa on the top of the list. The newly set up Infrastructure Development Corporation is preparing Industrial Estates for entrepreneurs with all facilities. The Electronic Development Corporation has been set up to boost this neglected sector which has immense potential power, being the most vital input for industrialisation. A Programme for doubling the power capacity during Sixth Plan has been initiated. Due to a systematic planning to establish appropriate linkage between agriculture and agro-industries, ten spinning mills two sugar mills, a number of oil processing units, a chain of cold storages are being established. The Government has decided to give priority to the Private Sector, then to Joint Ventures and the Joint Sectors. The Industrial Development Corporation is in charge of setting up industries in the State Sector from its own profits. It does not get any assistance from plan funds. A statutory corporation, Orissa Industrial Infrastructure Development Corporation, has been set up in 1981 to look after various needs like water supply, communications and plans to construct houses for labourers. The departments and Organisation like IPICOL, OSEC, OSIC, have been asked to help entrepreneurs in sorting out their difficulties to set up new industries in the State. The Industrial Promotion and Investment Corporation Ltd., has been set up for promotion of large and medium Industries, IPIBEL Factories at Dhenkanal, Orissa DMS and Chemicals at Chandaka, Utkal Oils at Ambaguda in the backward district of Koraput and Ambika Vegetables and the Chemicals at Dunguripalli in Balangir district and some of its large and Medium Industries which are 88 in number with total capital invest of Rs. 210 crores.

The Government has set up an Electronic Development Corporation to identify and assure implements of projects for which applications are received. Konark Television is manufacturing colour, black and white T. V. sets in the State. It will later make video cassettes, tape recorders, etc.

*Tourism*—Generously endowed with the bounties of nature fondly fashioned by the master craftsmen and blessed by the presence of Lord Jagannath, tourism potential of Orissa has rightly acquired international acceptability. A glittering package of cultural tourism, beach and lake tourism, wild life tourism and hill tourism in Orissa has all attraction for tourists. The Golden triangle embracing Bhubaneswar, Konark and Puri is known to the world over. Bhubaneswar is known as the "Temple city" of India. Konark on the eastern sea border presents the zenith of Orissa's architecture and Puri is adorned by the country is the seat of Lord Jagannath himself. The marine drive meandering through such green country side of Orissa now links the two internationally famous tourist centres of Konark and Puri.

Peace pagoda of Dhauili also noted for the Ashoka's inscription and the second Century of Khandagiri and Udayagiri are a "must" for the tourists. The ancient culture of Orissa finds its reflection in the 8th Century Buddhist monuments of Lalitgiri, Ratnagiri and Udayagiri about 100 Kms. from Bhubaneswar. The massive Chilka lake, home for the migratory birds and dotted with emerald green islands attracts tourists from far and near. Fascinating beaches of Orissa have been acclaimed as the best in the world. The zoological park of Nandan Kanan on the outskirts of Bhubaneswar is a symbol of its rich Forests stocked with wild life. The white tigers born out of non-white parents at Nandan Kanan have started a dynasty of their own.

Tourism has been declared as an industry. With the introduction of Boeing flight linking Bhubaneswar with New-Delhi, Calcutta and Hyderabad, the tourist traffic has increased appreciably. A large number of good hotels are coming up at Cuttack, Bhubaneswar and Puri to accommodate them. To attract foreign tourists, the marine drive between Puri and Konark has been built. A Lion Safari, an Elephant Safari and a bird sanctuary are planned.

*Handlooms*—Orissa Hand looms have a rich tradition. Emphasis has been laid on development of handlooms industry to improve the rural economy. Its "tie and dye" patterns are known all over the world. The weavers of Orissa have been making "tie and dye" fabrics for centuries. Each handloom provides direct employment to two persons and indirect employment atleast to one person. There are about 2.98 lakh weavers in Orissa with 1.05 lakh looms. In terms of economic impact on rural employment and income generation, the handloom industry is the next to agriculture. In view of this fact development of handloom industry has been included in the 20-point Economic Programme of the Prime Minister of India. Orissa handloom fabrics not only cater to the requirement and taste of the rich but also for the economical weaker section. The fabrics are low cost and sold at subsidised rate. Two pioneering organisations in the field of handloom industry development are the Orissa State Handloom Development Corporation Ltd., and the Orissa State Handloom Weavers' Co-operative Societies.

A target has been set to bring one lakh looms under the Organised sector during Sixth Plan period. Small-scale industries have been recognised as instruments in development of backward and rural areas.



*Mineral wealth of Orissa*—Orissa commands about 45 per cent of mineral wealth of the country and has been striving for economic growth during last few years. Mineral wealth of Orissa consists of Iron-ore, Nickel-ore, Vanadium-ore, Chrome-ore, Graphite, Limestone, Dolomite, Tin-ore, Bauxite-ore, Manganese-ore and Coal. A number of the mineral based Industries are being set up to fully utilise the mineral resources of Orissa. The reduction of Iron-ore by non-coking coal has been commercialised in the Orissa Sponge Iron Limited Project at Polasponga in Keonjhar district. Another direct reduction plant is being set up in Badbil-Joda area in collaboration with TISCO based on the Tata direct reduction process. The metalised iron ore (sponge iron) is an excellent feed stock for electric furnaces and will substantially substitute the scrap requirement for mini steel plants.

Ferro nickel is an important ferro alloys for production of special steel and stainless steels. It has been planned to set up a Ferro Nickel Plant in the neighbourhood of mining area of nickel-ore in Sukinda. This will be the first plant in India to produce ferro nickel. A Charge Chrome Plant is being set up by the Orissa Mining Corporation at Bamanipal in Keonjhar district. The low grade chrome which has no commercial use will be utilised here. The charge chrome will be exported to Japan and Europe where technology in production of charge chrome has been developed. Another Charge Chrome Plant built by FACOR at Bhadrak with indigenous technology has gone into production. A plan has been drawn up to set up a Ferro Vanadium Project with annual reduction capacity of 500 tonnes at Rairangapur in Mayurbhanj district where high grade vanadium deposits are found.

Aluminium silicon alloy containing 4 per cent to 14 per cent silicon is extensively used in transport industries. A new unit has been set up to manufacture this alloy from dillimanite which will be available from the Orissa Sand Complex Project at Chhatrapur in Ganjam district. Steps are being taken to implement the following projects:—

1. An Electrolytic Manganese Dioxide Project in the Barabil-Joda area
2. A project for manufacture of manganese metal
3. A project for production of pig iron by cold bonded pellets in copula melting.

The most significant development in the mineral scene in Orissa has been the discovery of metallurgical grade bauxite in Koraput, Kalahandi, Balangir and Sambalpur districts and a decision to set up a massive Alumina/Aluminium complex. A Ferro Chrome Plant by Indian Metals Ferro Alloys at Thiruvali, a Charge Chrome Plant by FACOR near Bhadrak and a Sponge Iron Plant by Orissa Sponge Iron Limited at Palaspanga have been set up. These are significant landmarks in history of mineral development in the country as these will harness the hitherto unexploited resources of bauxite, introduction of sophisticated technologies for utilisation of low grade chrome-ore for manufacture of value added products and production of iron without the use of cooking coal. Orissa possesses large resources of iron-ore, manganese-ore, limestone, dolomites, fireclay chromite, the raw materials required for making iron and steel. The State has large reserves of non-cooking coal in Talcher and Ib valley areas.

*Salt complex*—A Salt Complex will be set up soon in Basudebpur of Balasore district with joint co-operation of the Orissa Maritime Chilika Area Development Corporation and the Central Salt Research Institute on an area of one thousand acres investing capital of one thousand crores of rupees. State Government has transferred 800 acres of land at Bideipur and 225 acres at Mohanpur to the said Corporation. This complex will be able to produce 10 thousand tonnes of high grade salt annually.

## XII. INDUSTRY AND MINING

Table No. 12-01

Industrial growth in Orissa at a glance

Year/Name of the district	No. of industries covered	No. of factories			Returns submitted	Percentage of coverage
		Registered	Closed	Operating		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1969-70 ..	42	1,233	380	853	829	97
1970-71 ..	41	1,253	315	938	910	97
1971-72 ..	41	1,277	378	899	878	98
1973-74 ..	104	1,334	411	923	891	97
1974-75 ..	89	1,388	579	809	794	98
1975-76 ..	90	1,406	587	819	791	96
1976-77 ..	85	1,526	654	872	848	97
1977-78 ..	95	1,510	553	957	944	99
1978-79 ..	100	1,647	163	1,006	1,001	99
1979-80 ..	101	1,831(P)	139(P)	1,069(P)	1,069(P)	100
1978-79—						
Balasore ..	..	144	30	61	61	100
Balangir ..	..	58	10	30	30	100
Cuttack ..	..	325	23	185	183	94
Dhenkanal ..	..	68	5	37	37	100
Ganjam ..	..	180	17	109	109	100
Kalahandi ..	..	54	18	18	18	100
Keonjhar ..	..	18	15	29	29	100
Koraput ..	..	132	9	84	84	100
Mayurbhanja ..	..	72	3	46	45	98
Phulbani ..	..	4	..	4	4	100
Puri ..	..	186	18	141	140	94
Sambalpur ..	..	236	11	155	155	100
Sundargarh ..	..	170	22	107	106	99
1979-80—						
Balasore ..	..	150	20	64	64	100
Balangir ..	..	64	3	33	33	100
Cuttack ..	..	373	22	200	200	100
Dhenkanal ..	..	76	2	36	36	100
Ganjam ..	..	185	14	112	112	100
Kalahandi ..	..	65	14	27	27	100
Keonjhar ..	..	21	..	19	19	100
Koraput ..	..	154	16	82	82	100
Mayurbhanja ..	..	78	4	54	54	100
Phulbani ..	..	6	..	5	5	100
Puri ..	..	229	23	153	153	100
Sambalpur ..	..	240	12	160	160	100
Sundargarh ..	..	190	9	124	124	100

## XII. INDUSTRY AND MINING

Table No. 12-01

Industrial growth in Orissa at a glance

Year/Name of the district	Capital (Lakhs of Rs.)			Employment (Nos.)		
	Fixed working productive			Workers	Persons other than workers	Total
(1)	(8)	(9)	(10)	(11)	(12)	(13)
1969-70 ..	39,670	8,436	48,106	74,432	21,465	95,897
1970-71 ..	41,559	8,177	49,739	69,444	20,837	90,281
1971-72 ..	40,055	9,869	49,924	69,656	21,069	90,725
1973-74 ..	41,269	12,390	53,659	73,233	24,909	98,142
1974-75 ..	42,165	19,292	61,457	76,064	25,657	101,721
1975-76 ..	43,052	29,311	72,363	82,276	30,138	112,414
1976-77 ..	49,245	16,016	75,261	83,826	26,758	110,584
1977-78 ..	52,472	27,748	80,220	86,381	29,463	115,844
1978-79 ..	58,618	33,127	91,744	86,431	26,274	112,705
1979-80 ..	65,992	40,348	106,340	91,760	27,345	119,105
1978-79 —						
Balasore ..	125	147	272	1,637	386	2,023
Balangir ..	54	65	119	830	185	1,015
Cuttack ..	2,197	1,547	3,744	15,275	3,041	18,316
Dhenkanal ..	129	17	145	666	137	803
Ganjam ..	464	246	710	3,120	969	4,089
Kalahandi ..	29	52	81	451	120	571
Keonjhar ..	774	755	1,524	825	360	1,185
Koraput ..	1,982	1,153	3,135	5,779	1,512	7,291
Mayurbhanja ..	73	120	193	783	208	991
Phulbani ..	2	4	6	81	19	100
Puri ..	27,240	5,165	32,405	19,029	4,848	23,877
Sambalpur ..	2,606	2,619	5,225	13,182	2,851	16,033
Sundargarh ..	22,943	21,237	44,180	24,773	11,638	36,411
1979-80 —						
Balasore ..	131	204	335	1,757	357	2,114
Balangir ..	51	64	115	947	186	1,143
Cuttack ..	2,629	1,594	4,223	15,472	3,083	18,555
Dhenkanal ..	121	19	141	712	120	832
Ganjam ..	1,134	216	1,350	3,552	1,039	4,591
Kalahandi ..	89	68	157	613	157	770
Keonjhar ..	786	689	1,476	826	328	1,154
Koraput ..	3,064	964	4,028	5,421	1,285	6,706
Mayurbhanj ..	125	139	264	940	263	1,203
Phulbani ..	3	40	43	84	27	111
Puri ..	27,881	4,791	32,672	22,038	7,144	29,182
Sambalpur ..	2,513	3,230	5,743	13,824	2,782	14,056
Sundargarh ..	27,465	28,327	55,793	25,574	10,564	36,138

## XII. INDUSTRY AND MINING

Table No. 12-01—Contd.

Industrial growth in Orissa at a glance

Year/Name of the district	Emolument (Lakhs in Rs.)			Value of fuel etc. consumed (Lakhs of Rs.)	Value of material consumed (Lakhs of Rs.) including material consumed for repair and maintenance
	Salaries and wages paid	Other benefit paid	Total		
(1)	(14)	(15)	(16)	(17)	(18)
1969-70 ..	28,27	5,01	33,28	31,98	93,72
1970-71 ..	31,36	5,85	37,21	35,24	92,54
1971-72 ..	34,70	6,70	41,90	36,36	1,11,65
1973-74 ..	47,99	6,06	54,05	40,41	1,16,60
1974-75 ..	51,98	10,16	62,13	56,11	1,72,94
1975-76 ..	63,70	11,81	75,51	91,49	2,39,85
1976-77 ..	66,62	11,98	78,50	95,47	2,74,90
1977-78 ..	68,68	13,83	82,51	1,01,22	2,99,06
1978-79 ..	77,54	8,50	86,04	1,10,50	5,35,95
1979-80 ..	92,01	8,87	1,00,88	88,22	4,98,51
1978-79—					
Balasore ..	37	2	39	18	6,47
Balangir ..	22	1	23	6	2,18
Cuttack ..	7,62	75	8,37	4,90	39,44
Dhenkanal ..	19	1	20	8	93
Ganjam ..	1,22	16	1,38	1,05	6,64
Kalahandi ..	8	..	8	4	1,05
Keonjhar ..	85	7	92	1,63	10,06
Koraput ..	3,29	30	3,59	6,02	16,20
Mayurbhanj ..	18	2	20	12	6,05
Phulbani ..	3	..	3	..	7
Puri ..	10,17	40	10,57	98	39,94
Sambalpur ..	9,43	1,16	10,59	12,31	77,91
Sundargarh ..	43,89	5,60	49,49	83,13	3,29,01
1979-80—					
Balasore ..	38	3	41	26	7,98
Balangir ..	25	1	26	7	1,67
Cuttack ..	9,26	85	10,11	5,77	52,06
Dhenkanal ..	20	2	22	10	1,28
Ganjam ..	1,42	19	1,61	1,50	13,77
Kalahandi ..	11	1	12	3	1,77
Keonjhar ..	96	8	1,04	1,45	10,45
Koraput ..	3,42	27	3,69	10,41	18,36
Mayurbhanj ..	25	2	27	19	9,69
Phulbani ..	4	..	4	1	10
Puri ..	12,96	35	13,31	1,25	34,08
Sambalpur ..	10,59	1,29	11,88	14,30	85,90
Sundargarh ..	52,15	5,74	57,89	52,86	2,46,74

## XII. INDUSTRY AND MINING

Table No. 12-01—Concl'd.

Industrial growth in Orissa at a glance

(Value in lakhs of Rs.)

Year/Name of the district	Total value of input	Value of products and by products	Gross value of output	Depreciation	Value added by manufacture
(1)	(19)	(20)	(21)	(22)	(23)
1969-70 ..	1,36,29	2,15,48	2,24,88	33,48	55,11
1970-71 ..	1,37,15	2,28,84	2,34,57	35,01	62,41
1971-72 ..	1,54,35	2,38,66	2,48,78	42,84	51,59
1973-74 ..	1,74,15	2,83,18	2,99,51	37,10	88,26
1974-75 ..	2,58,96	3,85,71	4,02,32	31,07	1,12,29
1975-76 ..	3,93,78	3,83,31	5,03,90	16,94	93,18
1976-77 ..	3,99,80	5,47,30	5,92,34	31,84	1,60,70
1977-78 ..	4,53,74	5,84,81	6,54,23	32,39	1,68,10
1978-79 ..	6,41,47	7,93,22	8,72,42	31,74	1,99,21
1979-80 ..	6,68,95	7,84,03	9,49,08*	37,26	2,42,87
1978-79—					
Balasore ..	6,65	7,15	7,76	15	96
Balangir ..	2,25	2,32	2,76	6	46
Cuttack ..	44,33	58,40	61,64	1,65	15,64
Dhenkanal ..	1,01	1,38	1,49	13	36
Ganjam ..	7,70	9,91	11,91	37	3,84
Kalahandi ..	1,10	1,03	1,37	2	25
Keonjhar ..	11,69	14,14	14,30	55	2,06
Koraput ..	22,21	37,02	39,24	1,78	15,30
Mayurbhanj ..	6,17	5,24	7,92	8	1,66
Phulbani ..	8	5	12	..	4
Puri ..	35,92	62,43	66,17	6,25	24,00
Sambalpur ..	4,12,14	1,11,61	1,18,02	2,45	25,35
Sundargarh ..	90,22	4,82,54	5,39,68	18,25	1,09,29
1979-80—					
Balasore ..	8,25	8,27	9,40	17	98
Balangir ..	1,74	2,22	2,48	6	68
Cuttack ..	57,83	72,40	76,84	2,19	16,82
Dhenkanal ..	1,38	1,62	1,89	13	38
Ganjam ..	15,27	12,25	20,16	53	4,36
Kalahandi ..	1,81	1,80	2,08	3	24
Keonjhar ..	11,90	14,57	17,93	48	5,55
Koraput ..	28,77	45,59	48,80	2,16	17,87
Mayurbhanj ..	9,88	9,68	11,33	12	1,33
Phulbani ..	11	13	15	..	4
Puri ..	35,34	65,62	94,07	8,28	50,45
Sambalpur ..	1,09,33	1,30,19	1,35,33	2,55	23,45
Sundargarh ..	3,87,33	4,19,68	5,28,61	20,55	1,20,73

## XII. INDUSTRY AND MINING

Table No. 12-02

Statistics of Manufacturing Industries by Industrial groups in Orissa

Industrial group with Code No. and year	No. of factories operating	No. of factories reporting	Capital (lakhs of Rs.)			Persons employed (Nos.)		
			Fixed	Working	Total	Workers	Persons other than workers	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>1. Grain mill products (204).</b>								
1974-75	158	155	2,81	2,81	5,62	3,562	1,507	5,069
1975-76	142	135	2,56	4,49	7,05	2,268	1,472	3,740
1976-77	137	135	2,72	5,18	7,90	2,852	1,183	4,035
1977-78	148	146	3,00	4,43	7,43	9,744	896	3,640
1978-79	146	146	3,68	6,45	10,13	2,985	972	3,957
1979-80	159	157	4,37	8,04	12,41	5,087	1,813	6,900
<b>2. Bakery products (205).</b>								
1974-75	7	7	7	5	12	123	21	144
1975-76	9	9	8	4	12	163	93	202
1976-77	11	9	10	10	20	154	54	208
1977-78	8	8	8	12	20	144	26	170
1978-79	9	9	8	12	20	135	35	170
1979-80	8	8	10	13	23	127	24	151
<b>3. Manufacturing of Sugar and Gur (207).</b>								
1974-75	6	5	91	62	1,53	553	196	749
1975-76	6	6	1,02	44	1,46	962	307	1,269
1976-77	8	8	1,05	96	2,01	1,587	660	2,247
1977-78	8	8	1,32	1,72	3,04	2,362	565	2,927
1978-79	10	10	90	1,55	2,45	1,489	389	1,878
1979-80	6	6	76	1,10	1,86	1,023	175	1,198
<b>4. Manufacturing of edible oil (211).</b>								
1974-75	29	27	25	73	98	434	145	579
1975-76	27	26	28	64	92	284	296	510
1976-77	22	22	25	92	1,17	332	148	480
1977-78	23	22	35	98	1,33	409	169	578
1978-79	23	23	27	66	96	581	154	735
1979-80	21	21	29	82	1,11	611	168	779
<b>5. Manufacturing of Bidis (226).</b>								
1974-75	18	18	7	15	22	1,470	115	1,585
1975-76	25	25	2	33	35	637	219	856
1976-77	43	42	4	55	59	326	265	591
1977-78	42	41	4	18	22	643	202	845
1978-79	49	49	4	54	58	588	223	811
1979-80	49	49	4	46	50	707	173	880

## XII. INDUSTRY AND MINING

Table No. 12-02—Contd.

Statistics of Manufacturing Industries by Industrial groups in Orissa

Industrial group with Codes No. and years	No. of factories operating	No. of factories reporting	Capital (lakhs of Rs.)			Persons employed (Nos.)		
			Fixed	Working	Total	Workers	persons other than workers	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
6. Manu fact u- ring o f Tobacco (228).								
1974-75	7	7	6	11	17	155	26	181
1975-76	6	6	4	5	9	120	27	147
1976-77	7	7	5	3	8	121	47	168
1977-78	9	9	6	18	24	128	56	184
1978-79	8	8	6	19	25	155	52	207
1979-80	10	10	7	12	19	174	58	232
7. Cotton Tex- tiles (231,232, 235,236).								
1974-75	22	22	4.00	1.32	5.32	6,948	1,033	7,981
1975-76	20	20	5.78	39	6.17	7,797	1,010	8,807
1976-77	25	25	6.43	68	7.11	7,993	1,085	9,078
1977-78	29	29	6.25	70	6.95	8,137	1,004	9,141
1978-79	27	27	7.27	2.18	9.45	8,337	1,154	9,491
1979-80	27	26	6.52	2.94	9.51	7,860	1,031	8,891
8. Saw Mill (271)								
1974-75	205	203	57	1.24	181	1,784	676	2,460
1975-76	206	203	59	1.11	170	1,730	604	2,334
1976-77	218	215	60	1.42	202	1,822	621	2,443
1977-78	248	247	78	1.51	229	1,982	773	2,755
1978-79	263	262	87	1.96	283	1,981	764	2,745
1979-80	280	279	89	2.94	383	2,237	847	3,084
9. Manufact u r- ing of wooden furniture and fixture (276).								
1974-75	20	20	5	14	19	257	159	416
1975-76	15	16	6	18	24	203	131	334
1976-77	15	16	6	16	22	246	151	397
1977-78	19	19	6	27	33	299	161	460
1978-79	18	18	6	24	30	239	101	340
1979-80	19	19	6	33	34	315	92	407
10. Manufact u r- ing of paper and p a p e r products (280).								
1974-75	3	3	23.38	11.20	34.58	66.75	12.49	79.24
1975-76	5	5	22.71	10.28	32.99	70.53	12.98	83.51
1976-77	3	3	21.63	9.87	31.50	69.60	12.92	82.52
1977-78	4	3	20.72	11.06	31.78	84.56	13.60	98.16
1978-79	4	4	20.25	8.44	28.72	88.14	14.61	102.75
1979-80	4	4	19.18	10.57	29.75	83.32	12.89	96.21

## XII. INDUSTRY AND MINING

Table No. 12\*02—Contd.

Statistics of Manufacturing Industries by Industrial groups in Orissa

Industrial groups with Code No. and year	No. of factories operating	No. of factories reporting	Capital (Lakhs of Rs.)			Persons employed (Nos.)		
			Fixed	Working	Total	Workers	Persons other than workers	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>11. Printing and publishing of periodicals, books, Journals etc., (284-285).</b>								
1974-75 ..	29	29	1,20	70	1,90	1,938	416	2,354
1975-76 ..	31	29	1,43	1,75	3,18	2,321	545	2,866
1976-77 ..	33	32	1,66	2,32	3,98	2,459	558	3,017
1977-78 ..	38	38	2,03	2,19	4,22	2,505	596	3,101
1978-79 ..	38	37	2,41	2,34	4,75	2,562	587	3,149
1979-80 ..	42	41	4,15	2,63	6,78	2,601	512	3,113
<b>12. Manufacturing of Industrial chemicals etc. (310).</b>								
1974-75 ..	7	6	2,54	85	3,39	328	200	528
1975-76 ..	5	5	2,45	136	3,81	334	175	509
1976-77 ..	5	5	2,65	100	3,65	337	163	500
1977-78 ..	7	6	2,62	48	3,10	416	158	574
1978-79 ..	7	7	2,61	41	3,02	440	193	633
1979-80 ..	11	10	9,16	(—)45	8,71	628	269	897
<b>13. Manufacturing of fertilisers and pesticides (311).</b>								
1974-75 ..	3	3	9,00	5,55	14,55	1,091	583	1,672
1975-76 ..	4	4	8,05	6,77	14,82	1,109	631	1,740
1976-77 ..	4	4	6,87	7,22	14,09	1,043	650	1,693
1977-78 ..	4	4	6,81	7,04	13,85	1,020	976	1,996
1978-79 ..	4	4	5,84	9,65	15,40	1,048	592	1,640
1979-80 ..	5	4	6,95	11,77	18,72	965	555	1,520
<b>14. Manufacturing of drugs and medicines (313)</b>								
1974-75 ..	7	7	9	21	30	189	66	255
1975-76 ..	7	7	9	15	24	147	65	212
1976-77 ..	8	8	9	19	28	132	71	203
1977-78 ..	4	4	14	38	52	193	85	278
1978-79 ..	14	14	20	70	90	243	105	348
1979-80 ..	12	12	18	66	84	211	114	325



## XII. INDUSTRY AND MINING

Table No. 12-02—*contd*

Statistics of Manufacturing Industries by Industrial groups in Orissa

Industrial groups with Code No. and year.	No. of factories operating	No. of factories reporting	Capital (Lakhs of Rs.)			Persons employed (Nos.)		
			Fixed	Working	Total	Workers	Persons other than workers	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>15. Manufacturing of structural clay products (320).</b>								
1974-75 ..	21	21	9.76	8.05	17.81	5,875	859	6,734
1975-76 ..	20	20	11.09	9.99	21.08	5,165	886	6,051
1976-77 ..	24	24	10.90	11.29	22.19	5,989	822	6,811
1977-78 ..	27	27	14.49	13.98	25.47	6,172	957	7,129
1978-79 ..	25	25	12.39	16.63	29.02	5,987	947	6,934
1979-80 ..	31	31	13.20	19.22	32.42	6,866	1,078	7,944
<b>16. Manufacturing of nonmetallic mineral products (329).</b>								
1974-75 ..	8	8	27	50	77	700	119	819
1975-76 ..	4	4	33	58	91	657	84	741
1976-77 ..	12	12	40	55	95	831	162	993
1977-78 ..	8	8	26	39	65	633	99	732
1978-79 ..	9	9	54	42	96	870	114	984
1979-80 ..	17	14	78	61	139	1,070	182	1,252
<b>17. Iron and Steel industries (330).</b>								
1974-75 ..	8	8	17,244	11,705	28,953	15,714	7,108	22,822
1975-76 ..	8	8	17,658	9,144	26,802	18,142	6,617	24,759
1976-77 ..	7	7	18,579	17,664	36,243	17,691	5,619	23,310
1977-78 ..	8	8	18,617	17,579	36,196	17,959	5,681	2,640
1978-79 ..	16	16	21,100	19,442	40,542	17,772	9,322	27,094
1979-80 ..	18	18	25,444	25,830	51,274	17,781	8,113	25,894
<b>18. Manufacturing of structural metal products excluding machineries and transport and equipment (340,341,349).</b>								
1974-75 ..	21	19	12	71	83	472	125	597
1975-76 ..	15	13	16	18	34	490	134	624
1976-77 ..	26	24	18	33	51	366	119	485
1977-78 ..	27	26	34	44	78	492	120	612
1978-79 ..	22	22	25	26	51	475	130	605
1979-80 ..	27	26	37	41	78	529	101	630

## XII INDUSTRY AND MINING

Table No. 12-02—contd.

Statistics of Manufacturing Industries by Industrial groups in Orissa

Industrial groups with code No. and year	No. of factories operating	No. of factories reporting	Capital (lakhs Rs.)			Persons employed Nos.		
			Fixed	Working	Total	Workers	Persons other than workers	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>19. Mfr. of Machinery except electricals (359).</b>								
1974-75 ..	4	4	4	9	13	55	15	70
1975-76 ..	8	6	4	9	13	105	30	135
1976-77 ..	4	3	2	5	7	42	13	55
1977-78 ..	3	3	2	6	8	72	12	84
1978-79 ..	3	3	4	7	11	99	12	111
1979-80 ..	5	4	4	14	18	130	23	153
<b>20. Mfr. of electrical machineries (360)</b>								
1974-75 ..	3	3	4	19	23	71	39	110
1975-76 ..	3	3	4	19	23	65	38	103
1976-77 ..	5	5	10	29	39	119	46	165
1977-78 ..	5	5	11	43	54	197	63	260
1978-79 ..	5	5	12	53	65	252	65	317
1979-80 ..	5	5	13	78	91	178	68	246
<b>21. Mfr. and Repair of motor vehicles and motor cycles (973)</b>								
1974-75 ..	50	50	105	76	181	1,494	419	1,913
1975-76 ..	52	49	81	50	131	1,425	382	1,807
1976-77 ..	48	44	90	74	164	1,609	374	1,983
1977-78 ..	50	50	87	76	163	1,680	447	2,127
1978-79 ..	50	50	79	113	192	1,673	354	2,037
1979-80 ..	51	50	85	121	206	1,749	398	2,147
<b>22. Mfr. Generation and transmission of Electric (400).</b>								
1974-75 ..	29	29	1,60,06	11,69	1,71,75	16,473	7,362	2,383
1975-76 ..	29	29	1,61,11	1,38,20	2,99,31	17,398	8,973	2,532
1976-77 ..	29	29	2,11,55	14,68	2,26,23	19,741	8,874	28,615
1977-78 ..	29	29	2,40,88	25,61	2,66,49	16,409	10,632	27,041
1978-79 ..	32	32	2,71,44	47,76	3,19,20	16,348	4,160	20,508
1979-80 ..	32	32	2,85,56	41,25	3,26,81	16,559	5,340	21,899

## XII. INDUSTRY AND MINING

Table No. 12 02—Contd.

Statistics of Manufacturing Industries by Industrial groups in Orissa

Industrial groups with Code No. and year	Emoluments paid (lakhs of Rs.)			Total value of input including depreciation (lakhs Rs.)	Gross value of output (lakhs Rs.)	Value added by manufacturing (lakhs Rs.)
	Salaried and wages (10)	Other benefits (11)	Total (12)			
(1)	(10)	(11)	(12)	(13)	(14)	(15)
<b>1. Grain Mill products (204).</b>						
1974-75 ..	45	8	53	1,534	1,712	178
1975-76 ..	34	5	39	1,864	1,944	80
1976-77 ..	43	6	49	1,891	2,087	196
1977-78 ..	50	6	56	2,076	2,341	265
1978-79 ..	55	5	60	2,995	3,229	234
1979-80 ..	58	6	64	4,265	4,527	262
<b>2. Bakery products (205).</b>						
1974-75 ..	2	1	3	39	48	9
1975-76 ..	3	..	3	48	58	10
1976-77 ..	3	1	4	50	59	9
1977-78 ..	3	2	5	89	101	12
1978-79 ..	3	1	4	46	60	14
1979-80 ..	3	1	4	81	93	12
<b>3. Mfr. of sugar and Gur. (207).</b>						
1974-75 ..	17	2	19	88	113	25
1975-76 ..	23	6	29	182	262	80
1976-77 ..	31	8	39	187	259	72
1977-78 ..	34	8	42	235	278	43
1978-79 ..	39	6	45	240	335	95
1979-80 ..	35	7	42	267	364	97
<b>4. Mfr. of Edible Oil (211).</b>						
1974-75 ..	6	3	9	430	447	17
1975-76 ..	3	4	7	336	358	22
1976-77 ..	7	1	8	336	396	60
1977-78 ..	8	2	10	446	473	27
1978-79 ..	10	1	11	530	570	40
1979-80 ..	11	1	12	574	605	31
<b>5. Mfr. of Bidis (226).</b>						
1974-75 ..	9	..	9	57	79	22
1975-76 ..	11	1	12	170	195	25
1976-77 ..	10	1	11	337	379	42
1977-78 ..	11	1	12	2,231	2,285	54
1978-79 ..	15	1	16	440	497	57
1979-80 ..	17	1	18	346	394	48

## XII. INDUSTRY AND MINING

Table No. 12-02—Contd.

Statistics of Manufacturing Industries by Industrial groups in Orissa

Industrial groups with Code No. & year	Emoluments paid (lakhs of Rs.)			Total value of input including depreciation (lakhs Rs.)	Gross value of output (lakhs Rs.)	Value added by manufacturing (lakhs Rs.)
	Salaries and wages	Other benefits	Total			
(1)	(10)	(11)	(12)	(13)	(14)	(15)
<b>6. Mfr. of Tobacco (228)</b>						
1974-75	3	1	4	107	123	16
1975-76	2	1	3	74	83	9
1976-77	3	1	4	112	119	7
1977-78	4	..	4	129	153	24
1978-79	5	..	5	115	128	13
1979-80	5	1	6	124	143	19
<b>7. Cotton textiles (232, 232, 235, 236)</b>						
1974-75	252	49	301	1,362	1,827	465
1975-76	305	42	347	1,390	1,670	280
1976-77	340	6	346	1,892	2,310	418
1977-78	382	91	473	2,340	2,821	481
1978-79	403	34	437	2,108	2,911	803
1979-80	556	51	607	25,77	34,24	847
<b>8. Saw Mill (271)</b>						
1974-75	32	3	35	296	380	84
1975-76	30	4	34	253	337	84
1976-77	38	2	40	345	444	99
1977-78	49	6	55	434	564	130
1978-79	52	4	56	575	748	172
1979-80	63	4	67	774	976	202
<b>9. Mfr. of wooden furniture and fixture (276)</b>						
1974-75	7	.	7	20	26	6
1975-76	5	1	6	17	22	5
1976-77	7	1	8	19	26	7
1977-78	8	1	9	28	38	10
1978-79	8	..	8	25	35	10
1979-80	14	..	14	55	75	20
<b>10. Mfr. of paper and paper products (280)</b>						
1974-75	379	99	478	2,899	5,021	2,122
1975-76	451	128	579	2,797	4,093	1,296
1976-77	504	141	645	2,941	4,046	1,105
1977-78	574	139	713	2,892	4,397	1,505
1978-79	688	76	764	3,322	5,113	1,791
1979-80	701	84	785	4,045	6,304	2,259

## XII. INDUSTRY AND MINING

Table No. 12-02—Contd.

Statistics of Manufacturing Industries by Industrial groups in Orissa

Industrial groups with Code No. & year	Emoluments paid (lakhs of Rs.)			Total value of input including depreciation (lakhs Rs.)	Gross value of output (lakhs Rs.)	Value added by manufacturing (lakhs Rs.)
	Salaries and wages	Other benefits	Total			
(1)	(10)	(11)	(12)	(13)	(14)	(15)
<b>*11. Printing and publishing of periodicals books journals etc. (284 &amp; 285).</b>						
1974-75	1.00	3	1.03	1.21	2.10	89
1975-76	1.39	5	1.44	1.68	2.78	1.10
1976-77	1.51	5	1.56	2.15	4.35	2.20
1977-78	1.65	6	1.71	1.84	4.29	2.45
1978-79	1.59	6	1.65	1.97	4.83	2.86
1979-80	1.90	6	1.96	3.67	7.58	3.91
<b>12. Mfr. of basic Industrial chemicals etc. (310).</b>						
1974-75	27	10	37	2.46	3.91	1.45
1975-76	30	10	40	2.59	4.24	1.65
1976-77	31	11	42	2.33	3.96	1.53
1977-78	36	12	48	3.37	5.11	1.74
1978-79	39	..	..	3.15	5.33	2.18
1979-80	45	7	52	8.25	10.65	2.40
<b>13. Mfr. of fertilisers and pesticides (311).</b>						
1974-75	1.56	54	2.10	15.27	15.31	4
1975-76	1.90	64	2.54	23.38	25.59	2.21
1976-77	1.82	34	2.16	24.69	29.28	4.59
1977-78	1.78	35	2.13	23.95	28.60	4.65
1978-79	4.19	32	4.51	44.53	59.66	15.13
1979-80	2.51	22	2.73	26.75	19.22	(—) 6.53
<b>14. Mfr. of drugs and medicines (313)</b>						
1974-75	4	1	5	29	37	8
1975-76	5	1	6	38	49	11
1976-77	5	..	5	29	48	19
1977-78	8	1	9	66	89	23
1978-79	11	1	12	1.16	1.99	33
1979-80	13	1	14	1.44	1.78	34

## XII. INDUSTRY AND MINING

Table No. 12-02—Contd.

Statistics of Manufacturing Industries by Industrial groups in Orissa

Industrial groups with Code No. and year	Emoluments paid (lakhs of Rs.)			Total value of input including depreciation (lakhs of Rs.)	Gross value of out put (lakhs of Rs.)	Value added by manufac- ture (lakhs of Rs.)
	Salaries and wages	Other benefits	Total			
(1)	(10)	(11)	(12)	(13)	(14)	(15)
<b>15. Mfr. of structural clay products (320)</b>						
1974-75	257	74	331	1,260	1,935	675
1975-76	287	82	369	1,865	2,701	836
1976-67	342	95	437	2,380	3,435	1,055
1977-78	362	103	465	2,770	4,203	1,433
1978-79	384	53	437	2,850	4,426	1,576
1979-80	470	67	537	4,181	5,944	1,763
<b>16. Manufacture of non-metallic minerals products (322).</b>						
1974-75	9	2	11	109	134	25
1975-76	16	3	19	112	190	78
1976-77	21	4	25	135	231	96
1977-78	18	3	21	99	141	42
1978-79	24	1	25	116	164	48
1979-80	35	3	38	220	295	65
<b>17. Iron and Steel Industries (330).</b>						
1974-75	2,660	498	3,158	11,504	16,476	4,972
1975-76	3,402	580	3,982	19,664	22,149	2,485
1976-77	3,338	598	3,936	19,170	26,880	7,710
1977-78	3,349	603	3,952	19,479	27,168	7,689
1978-79	3,410	446	3,856	34,493	42,251	7,758
1979-80	4,276	432	4,708	32,646	43,809	11,163
<b>18. Manufacture of structural metal products including machineries and transport equipment (340, 341, 349).</b>						
1974-75	10	2	12	73	95	22
1975-76	14	2	16	54	78	24
1976-77	14	4	18	59	83	24
1977-78	18	3	21	114	45	31
1978-79	19	3	22	103	154	51
1979-80	22	3	25	135	168	33

## XII. INDUSTRY AND MINING

Table No. 12.02—Concl'd.

Statistics of Manufacturing Industries by Industrial groups in Orissa

Industrial groups with Code No. and year	Emoluments paid (lakhs of Rs.)			Total value of input including depreciation (lakhs of Rs.)	Gross value of out put (lakhs of Rs.)	Value added by manu- facture (lakhs of Rs.)
	Salaries and wages	Other benefits	Total			
(1)	(10)	(11)	(12)	(13)	(14)	(15)
<b>19. Manufacture of machin- eries except electricals (359).</b>						
1974-75 ..	3	..	3	18	32	14
1975-76 ..	4	—	4	8	14	6
1976-77 ..	2	..	2	3	8	5
1977-78 ..	2	..	3	6	7	1
1978-79 ..	3	..	3	11	15	4
1979-80 ..	4	1	5	14	22	8
<b>20. Manufacture of electri- cal machineries (360).</b>						
1974-75 ..	4	..	4	71	77	6
1975-76 ..	4	..	4	65	79	14
1976-77 ..	5	1	6	85	116	31
1977-78 ..	8	1	9	125	145	20
1978-79 ..	11	1	12	126	144	18
1979-80 ..	12	..	12	183	221	38
<b>21. Manufacture and repair of motor vehicles and motor cycles (973).</b>						
1974-75 ..	73	6	79	365	442	77
1975-76 ..	80	4	84	187	248	61
1976-77 ..	87	8	95	196	299	103
1977-78 ..	111	9	120	331	452	121
1978-79 ..	109	6	115	425	616	191
1979-80 ..	127	8	135	470	603	133
<b>22. Generation and transmi- ssion of Electricity (400).</b>						
1974-75 ..	597	67	664	1,777	2,301	524
1975-76 ..	688	66	754	2,201	3,163	962
1976-77 ..	762	47	809	1,957	3,459	1,502
1977-78 ..	621	116	737	2,341	3,766	1,425
1978-79 ..	920	35	955	2,785	5,143	2,353
1979-80 ..	1,098	24	1,122	2,537	7,055	4,518

SOURCE—Bureau of Statistics and Economics, Orissa

N. B.—Figures for 1979-80 is provisional

## XII. INDUSTRY AND MINING

Table No. 12-03

Statistics of Large Manufacturing Industries in Orissa

Name of the district and year	Number of Reporting Factories	Capital ( Lakhs of Rs. )				Persons employed ( Nos. )		
		Productive capital	Fixed capital	Working capital	Invested capital	Worker	Other than workers	Total persons employed
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1970-71	29	45,757	39,228	6,529	48,506	38,894	14,902	53,796
1971-72	47	46,780	38,383	8,397	50,175	47,490	16,243	63,733
1973-74	49	50,581	39,754	10,827	54,119	3,035	20,109	73,124
1974-75	52	57,843	40,676	17,167	60,310	53,599	19,625	73,224
1975-76	52	6,8675	41,338	2,73,387	71,010	57,695	20,018	77,713
1976-77	53	71,012	47,183	23,829	72,923	60,342	19,822	80,164
1977-78	55	75,755	50,301	25,454	76,316	60,161	21,983	82,144
1978-79	58	85,737	55,897	29,835	84,612	59,602	19,382	78,984
1979-80	61	99,638	63,227	36,227	1,00,145	61,552	19,549	81,101
1978-79—								
Balasore	..	..	..	..	..	..	..	..
Balangir	..	..	..	..	..	..	..	..
Cuttack	7	2,433	1,503	930	2,923	7,675	1,537	9,212
Dhenkanal	..	..	..	..	..	..	..	..
Ganjam	2	421	307	114	524	773	277	1,050
Kalahandi	..	..	..	..	..	..	..	..
Keonjhar	2	1,500	757	743	1,668	683	293	976
Koraput	3	2,558	1,811	747	2,559	3,616	785	4,401
Mayurbhanj	..	..	..	..	..	..	..	..
Phulbani	..	..	..	..	..	..	..	..
Puri	30	31,720	26,942	4,778	28,351	16,176	4,129	20,305
Sambalpur	7	3,579	2,089	1,485	4,107	8,937	1,535	10,472
Sundargarh	7	43,526	22,488	21,038	44,680	21,742	10,826	32,568
1979-80—								
Balasore	..	..	..	..	..	..	..	..
Balangir	..	..	..	..	..	..	..	..
Cuttack	7	2,927	1,991	936	3,288	7,331	1,453	8,784
Dhenkanal	..	..	..	..	..	..	..	..
Ganjam	2	980	947	33	1,277	784	293	1,077
Kalahandi	..	..	..	..	..	..	..	..
Keonjhar	2	1,451	770	682	1,402	693	284	977
Koraput	3	3,500	2,912	588	3,802	3,205	625	3,830
Mayurbhanj	..	..	..	..	..	..	..	..
Phulbani	..	..	..	..	..	..	..	..
Puri	33	31,694	27,493	4,201	28,855	17,417	5,510	22,927
Sambalpur	7	3,935	1,989	19,46	4,360	9,656	1,645	11,301
Sundargarh	7	55,151	27,125	28,025	57,161	22,466	9,739	32,205



## XII. INDUSTRY AND MINING

Table No. 12-03—Contd.

## Statistics of Large Manufacturing Industries in Orissa

Name of the district and year	Total emolument (lakhs of Rs.)	Wages to workers (lakhs of Rs.)	Value of fuels etc. consumed (lakhs of Rs.)	Value of materials consumed (lakhs of Rs.)	Value of input (lakhs of Rs.)	Gross value of output (lakhs of Rs.)	Depreciation (lakhs of Rs.)	Value added by manufacture (lakhs of Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1970-71	29,64	14,24	31,19	55,97	91,67	1,73,32	32,92	48,73
1971-72	35,81	18,39	34,26	77,82	1,17,65	2,00,89	41,30	41,94
1973-74	48,39	13,88	38,43	87,43	1,35,92	2,50,64	35,73	78,99
1974-75	59,56	29,88	53,81	1,34,37	2,06,86	3,36,88	29,93	100,09
1975-76	72,01	39,88	88,52	1,89,21	3,33,59	4,29,09	15,34	80,16
1976-77	69,90	41,86	91,95	1,84,23	3,29,21	5,03,46	30,06	1,44,19
1977-78	72,52	41,27	97,35	2,32,21	3,49,16	5,29,01	30,32	1,49,53
1978-79	78,85	70,87	10,602	3,26,67	5,34,90	7,39,94	29,24	1,75,80
1979-80	89,23	81,11	82,50	3,47,41	5,31,38	7,86,69	34,55	2,20,76
1978-79—								
Balasore	..	..	..	..	..	..	..	..
Balangir	..	..	..	..	..	..	..	..
Cuttack	837	762	374	19,72	23,46	33,96	110	940
Dhenkanal	..	..	..	..	..	..	..	..
Ganjam	71	60	89	307	396	707	27	284
Kalahandi	..	..	..	..	..	..	..	..
Keonjhar	85	81	162	983	11,45	13,94	53	196
Koraput	273	249	491	10,27	15,18	30,23	161	1,344
Mayurbhanj	..	..	..	..	..	..	..	..
Phulbani	..	..	..	..	..	..	..	..
Puri	937	903	54	16,02	21,55	48,36	599	2,082
Sambalpur	901	794	11,66	45,42	57,08	80,18	198	2,112
Sundargarh	47,81	42,38	82,66	2,22,34	4,02,22	5,26,20	17,76	106,22
1979-80—								
Balasore	..	..	..	..	..	..	..	..
Balangir	..	..	..	..	..	..	..	..
Cuttack	667	604	432	22,65	31,01	43,83	162	1,120
Dhenkanal	..	..	..	..	..	..	..	..
Ganjam	84	71	127	717	942	12,95	39	314
Kalahandi	..	..	..	..	..	..	..	..
Keonjhar	100	92	144	937	11,75	17,71	46	550
Koraput	276	256	925	10,53	21,80	39,38	206	1,552
Mayurbhanj	..	..	..	..	..	..	..	..
Phulbani	..	..	..	..	..	..	..	..
Puri	11,89	11,62	81	13,57	18,76	74,52	792	4,784
Sambalpur	997	883	13,28	46,40	64,79	87,16	199	2,037
Sundargarh	56,10	50,43	52,13	2,37,36	3,73,85	5,11,14	20,10	11,719

SOURCE—Bureau of Statistics and Economics, Orissa

## XII. INDUSTRY AND MINING

Table No. 12-03—Contd.

## Statistics of Medium Manufacturing Industries in Orissa

Name of the district and year	No. of reporting factories	Capital (Lakhs of Rs.)				Persons employed (No.)			
		Productive capital	Fixed capital	Working capital	Invested capital	Workers	Other than workers	Total persons employed	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1970-71	..	20	2,250	1,439	811	2,605	11,742	1,868	13,610
1971-72	..	25	1,406	888	518	1,496	5,774	1,365	7,139
1973-74	—	42	1,257	752	505	1,302	5,538	1,168	6,706
1974-75	—	24	1,111	590	521	1,242	4,820	1,148	5,968
1975-76	..	31	1,552	822	730	1,743	6,771	1,500	8,271
1976-77	—	42	1,815	1,120	695	2,130	7,750	1,709	9,459
1977-78	—	44	1,721	1,080	640	2,176	8,382	2,140	10,522
1978-79	..	50	2,711	1,467	6,516	4,895	8,643	2,402	11,004
1979-80	..	51	2,925	1,393	1,551	2,853	7,774	1,752	9,526
1978-79—									
Balasore	..	2	66	49	17	81	274	365	639
Balangir	..	1	14	14	..	14	30	17	47
Cuttack	..	15	705	431	274	631	3,183	531	3,714
Dhenkanal	..	4	115	115	..	157	325	56	381
Ganjam	..	3	106	78	114	109	773	277	1,050
Kalahandi	..	..	..	..	..	..	..	..	..
Keonjhar	..	..	..	..	..	..	..	..	..
Koraput	..	4	322	83	747	2,559	797	198	995
Mayurbhanj	..	1	53	25	28	48	122	17	139
Phulbani	—	—	..	..	..	..	..	..	..
Puri	..	3	196	96	4,778	257	562	123	685
Sambalpur	—	8	828	298	530	654	1,545	458	2,003
Sundargarh	—	9	306	278	28	385	1,032	360	1,392
1979-80—									
Balasore	..	2	78	43	40	93	333	25	358
Balangir	..	1	13	13	1	13	33	17	50
Cuttack	—	17	57	395	262	706	3,119	560	3,679
Dhenkanal	..	4	106	70	(—)1	52	373	43	416
Ganjam	..	4	109	98	11	193	286	81	367
Kalahandi	..	1	48	55	(—)7	56	119	29	148
Keonjhar	..	..	..	..	..	..	..	..	..
Koraput	..	3	236	36	194	237	889	243	1,132
Mayurbhanj	..	4	142	74	69	214	199	49	248
Phulbani	..	..	..	..	..	..	..	..	..
puri	..	5	268	159	150	248	483	116	599
Sambalpur	—	9	1,032	312	734	771	1,065	357	1,422
Sundargarh	..	7	236	138	98	270	875	232	1,107

## XII INDUSTRY AND MINING

Table No. 12-03—Contd.

Statistics of Medium Manufacturing Industries in Orissa

Name of the District/Year	Total emoluments (lakhs Rs.)	Wages to workers (lakhs Rs.)	Value of fuel etc. consumed (lakhs Rs.)	Value of materials of consumed (lakhs Rs.)	Value of input (lakhs Rs.)	Gross value of output (lakhs Rs.)	Depreciation (lakhs Rs.)	Value added by manufacture (lakhs of Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1970-71 ..	422	266	300	1,747	2,139	3,028	136	753
1971-72 ..	233	138	133	1,269	1,467	1,922	88	367
1972-73 ..	222	441	109	982	1,185	1,660	70	405
1973-74 ..	237	144	102	791	993	1,385	45	347
1974-75 ..	357	288	169	1,528	1,810	2,399	82	507
1975-76 ..	400	262	195	1,984	2,434	3,262	92	736
1976-77 ..	409	261	196	2,346	2,917	3,652	100	635
1977-78 ..	403	374	230	2,809	3,039	4,608	139	1,430
1978-79 ..	469	432	293	3,835	4,458	5,410	129	823
1978-79—								
Balasore ..	8	8	2	120	122	147	7	18
Balangir ..	1	1	..	46	46	52	1	5
Cuttack ..	157	148	65	623	688	1,662	37	937
Dhenkanal ..	13	12	6	60	66	103	12	25
Ganjam ..	6	6	2	39	41	46	4	1
Kalahandi ..	..	..	..	..	..	..	..	..
Keonjhar ..	..	..	..	..	..	..	..	..
Koraput ..	44	40	98	184	282	366	9	75
Mayurbhanj ..	3	3	3	132	135	206	3	68
Phulbani ..	..	..	..	..	..	..	..	..
Puri ..	31	31	11	483	494	584	8	82
Sambalpur ..	67	60	30	883	913	1,056	27	116
Sundargarh ..	73	65	13	239	252	386	31	103
1979-80—								
Balasore ..	9	8	6	114	136	168	8	24
Balangir ..	1	..	..	53	54	71	1	16
Cuttack ..	167	158	82	907	1,060	1,349	31	258
Dhenkanal ..	15	14	8	72	89	126	10	27
Ganjam ..	10	9	85	74	90	94	7	(—)3
Kalahandi ..	4	4	..	..	..	..	..	..
Keonjhar ..	..	..	..	..	..	..	..	..
Koraput ..	45	41	103	148	262	335	2	71
Mayurbhanj ..	8	7	10	474	504	587	5	78
Phulbani ..	..	..	..	..	..	..	..	..
Puri ..	42	41	10	418	462	554	11	81
Sambalpur ..	90	82	55	1,282	1,397	1,564	30	137
Sundargarh ..	78	68	14	293	404	562	24	134

SOURCE:—Bureau of Statistics and Economics, Orissa

## XII. INDUSTRY AND MINING

Table No. 12'03—Contd.

Statistics of Small Manufacturing Industries in Orissa

Name of the District/Year	No. of reporting factories	Capital (Lakhs of Rs.)				Persons employed (Nos.)			
		Productive capital	Fixed capital	Working capital	Invested capital	Workers	Other than workers	Total persons employed	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1970-71	..	861	1,730	892	838	1,732	18,808	4,067	22,875
1971-72	..	806	1,738	784	954	1,624	16,392	3,461	19,853
1973-74	..	810	1,821	762	1,059	1,584	14,660	3,632	18,292
1974-75	..	718	2,503	899	1,604	2,013	17,645	4,884	22,529
1975-76	..	708	2,136	892	1,244	2,042	17,810	8,620	26,430
1976-77	..	753	2,434	942	1,492	2,539	15,734	5,227	20,961
1977-78	..	944	2,745	1,091	1,654	2,500	17,833	5,340	23,178
1978-79	..	920	3,275	1,223	1,992	2,781	18,246	5,009	23,255
1979-80	..	928	3,776	1,378	2,365	3,423	22,434	6,004	28,478
1978-79—									
Balasore	..	59	206	76	130	165	1,358	350	1,708
Balangir	..	29	165	40	65	98	800	168	968
Cuttack	..	161	606	263	343	544	4,417	973	5,390
Dhenkanal	..	33	31	14	17	34	341	81	422
Ganjam	..	164	183	79	104	174	2,171	644	2,815
Kalahandi	..	..	..	..	..	..	..	..	..
Keonjhar	..	16	29	17	12	26	142	67	209
Koraput	..	77	255	88	167	227	1,366	529	1,895
Mayurbhanj	..	44	140	48	92	103	661	191	852
Phulbani	..	..	..	..	..	..	..	..	..
Puri	..	107	489	202	287	390	2,291	596	2,887
Sambalpur	..	140	823	219	604	716	2,700	858	3,558
Sundargarh	..	90	348	177	171	304	1,999	552	2,551
1979-80—									
Balasore	..	62	257	88	164	202	1,424	332	1,756
Balangir	..	32	102	38	64	90	914	179	1,093
Cuttack	..	166	639	243	396	576	5,022	1,070	6,092
Dhenkanal	..	28	35	51	20	131	339	77	416
Ganjam	..	106	261	89	172	241	2,482	665	3,147
Kalahandi	..	26	109	41	75	99	494	128	622
Keonjhar	..	17	25	16	8	24	133	44	177
Koraput	..	76	292	116	182	255	1,327	417	1,744
Mayurbhanj	..	50	122	51	70	100	741	214	955
Phulbani	..	5	43	3	40	30	84	27	111
Puri	..	108	710	228	440	607	4,138	1,518	5,656
Sambalpur	..	144	776	212	550	652	3,103	780	3,883
Sundargarh	..	108	405	202	204	416	2,233	593	2,826

## XII. INDUSTRY AND MINING

Table No. 12.03—*Concl'd.*

Statistics of Small Manufacturing Industries in Orissa

(Value in lakhs of Rs.)

Name of the District/Year	Total emolument	Wages to workers	Value of fuel, etc. consumed	Value of materials consumed	Value of input	Gross value of output	Depreciation	Value added by manufacture
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1970-71 ..	335	221	105	1,910	2,409	3,097	73	615
1971-72 ..	326	222	77	1,654	2,203	2,867	66	598
1973-74 ..	314	230	89	1,935	2,638	3,227	67	522
1974-75 ..	473	276	128	3,066	4,217	5,159	69	873
1975-76 ..	490	258	128	3,536	4,209	5,082	78	796
1976-77 ..	70	301	157	3,611	4,625	5,626	86	915
1977-78 ..	589	379	191	4,339	7,541	8,870	107	1,222
1978-79 ..	611	568	215	7,281	7,499	9,089	112	1,478
1979-80 ..	707	656	277	7,347	9,298	10,827	143	1,386
1978-79—								
Balasore ..	31	29	16	527	543	629	8	78
Balangir ..	22	21	6	175	178	224	5	41
Cuttack ..	152	142	51	1,545	1,399	1,706	20	287
Dhenkanal ..	7	7	2	33	35	45	1	9
Ganjam ..	61	56	15	318	333	441	6	102
Kalahandi ..	..	..	..	..	..	..	..	..
Keonjhar ..	4	4	1	23	24	31	2	5
Koraput ..	42	41	13	408	421	540	8	111
Mayurbhanj ..	17	15	9	473	482	586	6	98
Phulbani ..	..	..	..	..	..	..	..	..
Puri ..	89	83	33	910	943	1,197	18	236
Sambalpur ..	91	84	35	2,366	2,401	2,728	20	307
Sundargarh ..	95	86	34	706	740	962	18	204
1979-80—								
Balasore ..	32	30	20	545	689	772	9	74
Balangir ..	25	25	7	91	120	177	5	52
Cuttack ..	177	164	63	1,310	1,622	1,952	26	304
Dhenkanal ..	7	7	2	50	48	63	3	11
Ganjam ..	67	61	18	286	495	627	7	125
Kalahandi ..	8	7	3	161	180	207	3	24
Keonjhar ..	4	4	1	11	15	22	2	5
Koraput ..	48	45	13	260	436	607	8	163
Mayurbhanj ..	19	18	9	334	484	546	7	55
Phulbani ..	4	4	1	9	11	15	..	4
Puri ..	100	93	34	997	1,196	1,401	25	180
Sambalpur ..	101	94	47	2,668	3,057	3,253	26	170
Sundargarh ..	115	104	59	645	944	1,185	22	219

SOURCE—Bureau of Statistics and Economics, Orissa

## XII. INDUSTRY AND MINING

Table No. 12'04

Capital Investment, employment and value added in different districts of Orissa

Name of the District & Year	No. of reporting factories	Capital invested (Rs. in lakhs)			Persons employed (No.)	Gross value of output (Rs. in lakhs)	Total value of input including depreciation (Rs. in lakhs)	Value added by manufacture (Rs. in lakhs)
		Fixed capital	Working capital	Productive capital				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>Balasore</b>								
1974-75 ..	54	61	83	144	1,538	387	342	45
1975-76 ..	39	45	55	100	914	294	266	27
1976-77 ..	49	104	109	213	1,650	301	294	7
1977-78 ..	52	103	97	200	1,408	473	408	65
1978-79 ..	61	125	147	272	2,023	776	680	96
1979-80 ..	64	131	204	335	3,114	940	842	98
<b>Balangir</b>								
1974-75 ..	26	42	35	77	1,124	163	123	40
1975-76 ..	26	50	48	98	1,068	264	196	68
1976-77 ..	25	55	39	94	1,023	219	108	111
1977-78 ..	24	47	36	83	965	160	123	37
1978-79 ..	30	54	65	119	1,015	276	230	46
1979-80 ..	33	51	64	115	1,143	248	180	68
<b>Cuttack</b>								
1974-75 ..	152	163	165	328	15,853	4,745	3,444	1,301
1975-76 ..	157	1,660	1,169	2,829	17,630	4,615	3,713	902
1976-77 ..	154	1,737	1,131	2,868	16,387	5,093	3,967	1,126
1977-78 ..	184	1,744	1,082	2,826	17,974	7,904	6,569	1,335
1978-79 ..	183	2,197	1,547	3,744	18,316	6,164	4,600	1,564
1979-80 ..	200	2,629	1,594	4,223	18,555	7,684	6,002	1,682
<b>Dhenkanal</b>								
1974-75 ..	19	67	45	112	340	39	36	3
1975-76 ..	19	116	24	140	489	98	75	23
1976-77 ..	29	128	6	134	769	162	105	57
1977-78 ..	32	120	15	135	628	109	89	20
1978-79 ..	37	129	17	146	803	148	114	34
1979-80 ..	36	121	19	140	832	189	151	38
<b>Ganjam</b>								
1974-75 ..	101	370	231	601	3,327	858	610	247
1975-76 ..	105	421	275	696	3,784	1,031	715	316
1976-77 ..	100	443	336	779	3,975	1,061	719	342
1977-78 ..	117	151	325	779	4,390	1,179	827	352
1978-79 ..	109	464	246	710	4,089	1,191	807	384
1979-80 ..	112	1,134	216	1,350	4,591	2,016	1,580	436

## XII. INDUSTRY AND MINING

Table No. 12-04

Capital Investment, employment and value added in different districts of Orissa

Name of the District & year	No. of reporting factories	Capital invested (Rs. in lakhs)			Persons employed (No.)	Gross value of output (Rs. in lakhs)	Total value of input includes depreciation (Rs. in lakhs)	Value added by manufacture (Rs. in lakhs)
		fixed capital	Working capital	Productive capital				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>Kalahandi</b>								
1974-75 ..	23	29	10	39	810	17	20	17
1975-76 ..	14	13	10	23	221	20	14	6
1976-77 ..	20	14	31	45	419	30	20	10
1977-78 ..	18	14	9	23	394	53	41	12
1978-79 ..	..	..	..	..	..	..	..	..
1979-80 ..	27	89	68	157	770	208	184	24
<b>Keonjhar</b>								
1974-75 ..	15	7.99	4.55	12.54	1,161	10.21	844	177
1975-76 ..	16	7.53	5.91	13.44	1,129	11.85	973	212
1976-77 ..	16	7.10	5.90	13.00	1,104	9.77	786	191
1977-78 ..	16	7.33	6.29	13.62	1,100	11.79	1,011	168
1978-79 ..	18	7.74	7.55	15.29	1,185	14.30	1,224	206
1979-80 ..	19	7.86	6.90	14.76	1,154	17.93	1,238	555
<b>Koraput</b>								
1974-75 ..	75	31.14	663	37.77	4,943	28.60	1,650	1,210
1975-76 ..	69	21.14	640	27.54	5,238	26.55	1,938	717
1976-77 ..	71	20.32	743	27.75	5,868	28.19	2,052	767
1977-78 ..	80	19.70	760	27.30	7,660	32.84	2,060	1,224
1978-79 ..	84	19.82	1,153	31.35	7,291	39.29	2,399	1,530
1979-80 ..	82	30.64	964	30.28	6,706	48.80	3,094	1,786
<b>Mayurbhanj</b>								
1974-75 ..	36	56	46	142	838	389	328	61
1975-76 ..	33	64	92	156	785	335	280	55
1976-77 ..	39	86	27	113	1,027	409	387	22
1977-78 ..	46	96	85	181	1,341	789	728	61
1978-79 ..	45	73	120	193	991	792	626	166
1979-80 ..	54	125	139	264	1,203	1,133	1,001	132

## XII. INDUSTRY AND MINING

Table No. 12-04

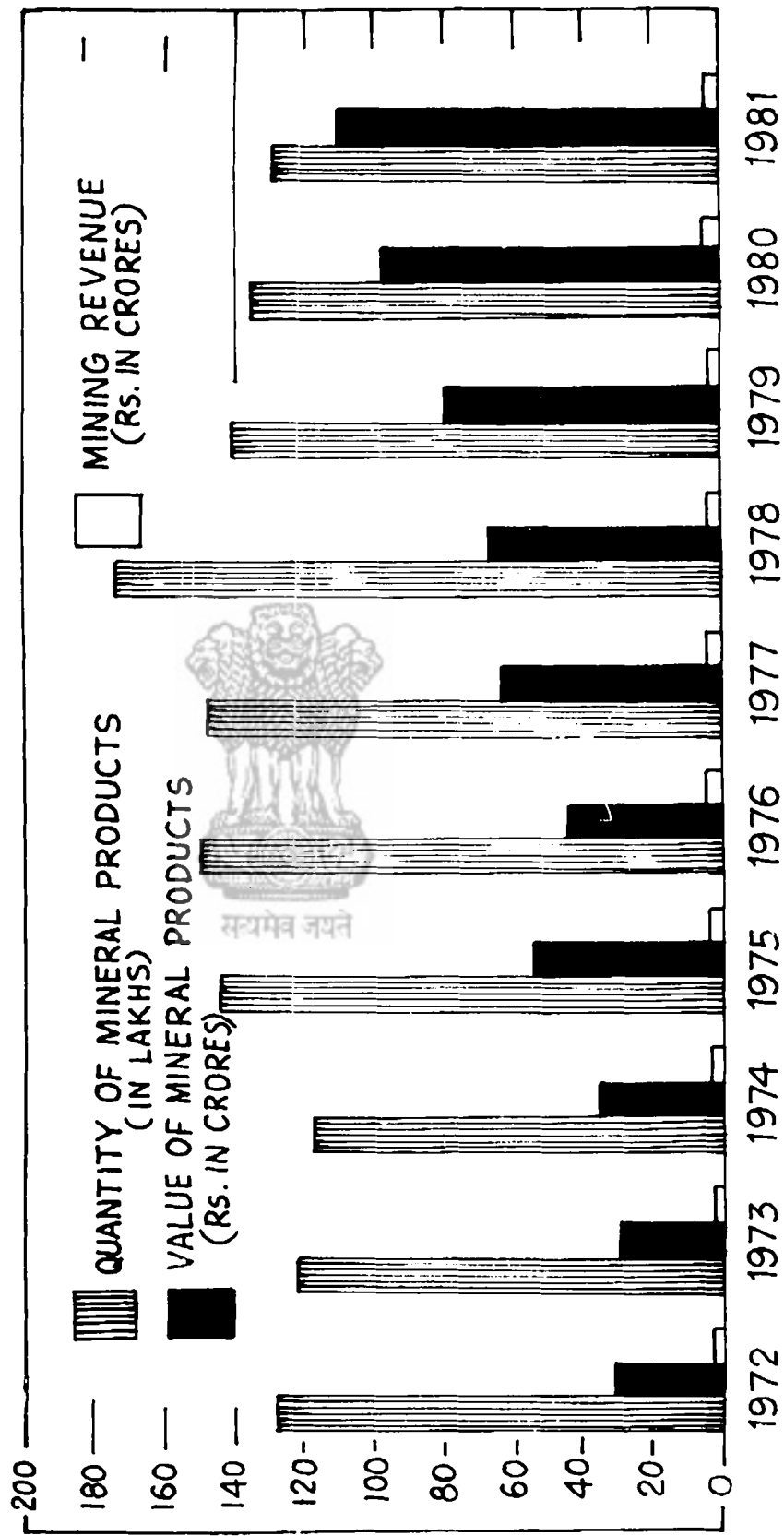
Capital Investment, employment and value added in different district of Orissa

Name of the District & Year	No. of reporting factories	Capital invested (Rs. in lakhs)			Persons employed (No.)	Gross value of output (Rs. in lakhs)	Total value of input includes depreciation (Rs. in lakhs)	Value added by manufacture (Rs. in lakhs)
		Fixed capital	Working capital	Productive capital				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>Puri</b>								
1974-75 ..	111	14,985	1,267	16,252	25,687	2,546	2,168	378
1975-76 ..	118	16,043	13,980	30,023	27,634	3,730	2,702	1,028
1976-77 ..	127	21,175	1,739	22,914	31,398	4,208	2,581	1,627
1977-78 ..	139	24,194	2,974	27,168	30,485	4,831	3,374	1,457
1978-79 ..	140	27,240	5,165	32,405	23,877	6,617	4,217	2,400
1979-80 ..	153	27,881	4,791	32,672	29,182	9,407	4,362	5,045
<b>Phulbani</b>								
1974-75 ..	3	4	2	6	60	8	6	2
1975-76 ..	4	5	10	15	71	6	18	(—)12
1976-77 ..	4	5	7	12	119	12	8	4
1977-78 ..	4	5	5	10	120	12	7	5
1978-79 ..	..	..	..	..	..	..	..	..
1979-80 ..	5	3	40	43	111	16	12	4(p)
<b>Sambalpur</b>								
1974-75 ..	117	2,492	2,056	4,548	15,345	7,024	4,950	2,074
1975-76 ..	126	2,615	2,046	4,661	18,127	8,243	5,846	2,397
1976-77 ..	138	2,609	2,358	4,967	14,672	9,966	7,454	2,512
1977-78 ..	150	2,605	2,465	5,070	16,036	1,02,571	7,860	2,411
1978-79 ..	155	2,606	2,619	5,225	16,033	11,802	9,267	2,535
1979-80 ..	160	2,513	3,230	5,743	16,606	13,533	1,11,881	2,345
<b>Sundargarh</b>								
1974-75 ..	62	1,852	1,271	3,123	30,695	20,154	14,482	5,672
1975-76 ..	65	19,155	10,371	29,526	35,024	27,915	24,336	3,579
1976-77 ..	76	20,144	18,901	39,045	32,173	33,975	24,682	9,293
1977-78 ..	82	20,390	19,262	39,652	33,344	35,178	25,517	9,661
1978-79 ..	106	22,943	21,237	44,180	36,411	53,968	43,039	10,929
1979-80 ..	124	27,465	28,328	55,793	36,138	52,861	40,788	12,073

Source : Bureau of Statistics &amp; Economics, Orissa



# QUANTITY AND VALUE OF MINERALS PRODUCED & MINING REVENUE IN ORISSA



## XII. INDUSTRY AND MINING

Table No. 12-05

Number of working Mines, area covered, workers employed, quantity and value of minerals produced and quantity exported in the State of Orissa

Mineral/Year	All minerals					
	Number of working mines	Area covered in Hectares	Number of workers employed	Out-put in (M. T.)	Value in (000' Rs.)	Quantity exported (M. T.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972	223	70,234.034	50,398	1,26,62,436	2,97,321	1,698,991
1973	238	72,094.027	51,638	1,22,09,900	2,77,228	2,003,248
1974	228	73,278.960	44,261	1,17,15,923	3,53,177	1,688,277
1975	226	75,755.611	49,101	1,43,94,648	5,38,028	3,764,749
1976	224	79,492.389	51,516	1,51,35,041	4,40,018	2,331,967
1977	232	80,502.919	51,267	14,18,58,658	6,27,008	2,189,751
1978	264	84,523.059	55,044	1,74,58,251	6,73,000	2,123,359
1979	271	84,066.408	42,640	1,40,91,751	8,03,165	1,871,567
1980	271	79,516.615	58,472	1,36,61,070	9,58,576	1,376,360
1981	237	77,595.147	56,538	1,28,35,929	10,96,927	785,169
1980—						
Balangir	24	1,105.617	1,895	52,126	3,865	..
Cuttack	16	8,644.767	2,643	4,82,142	95,879	403,526
Dhenkanal	13	6,365.984	5,836	21,40,249	2,10,923	45,972
Kalahandi	6	91.749	343	5,106	310	..
Keonjhar	66	31,178.060	18,956	41,34,083	1,88,973	804,496
Koraput	5	984.068	206	5,67,677	769	5,690
Mayurbhanj	19	5,837.168	2,148	4,10,293	7,054	71,603
Phulbani	2	339,418	192	4,954	991	..
Puri	1	34.833	19	655	56	..
Sambalpur	38	4,813.940	6,624	18,02,880	1,50,174	42,556
Sundargarh	81	20,120.962	19,610	42,76,919	2,99,593	2,517

## XII. INDUSTRY AND MINING

Table No. 12-05

Number of working Mines, area covered, workers employed, quantity and value of minerals produced and quantity exported in the State of Orissa

Mineral/Year	All minerals					
	Number of working mines	Area covered in Hectares	Number of workers employed	Out-put in (M. T.)	Value in (000' Rs.)	Quantity exported (M. T.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1981—						
Balangir	24	1,031·879	1,667	58,602	29,95	..
Cuttack	17	8,906·623	4,281	586,465	10,66,70	83,194
Dhenkanal	16	6,885·339	6,489	2,011,655	27,50,44	11,120
Kalahandi	11	213·989	219	9,255	4,78	..
Keonjhar	65	30,388·732	15,806	3,631,950	20,10,70	646,701
Koraput	6	1,103·900	169	11,649	9,91	6,890
Mayurbhanj	20	5,913·221	1,058	1,57,463	33,78	33,589
Phulbani	2	339·418	250	8,677	16,93	..
Puri	1	34·833	20	565	45	..
Sambalpur	25	4,765·533	7,035	1,857,097	20,89,29	..
Sundargarh	50	17,936·245	19,544	45,02,551	29,56,34	3,675

SOURCE—Director of Mines, Orissa.

## XII. INDUSTRY &amp; MINING

Table No. 12.05

Number of working Mines, area covered, workers employed, quantity and value of minerals produced and quantity exported in the State of Orissa

Iron ore

Year/District	Number of working mines	Area covered in Hectares	Number of workers employed	Output in (M. T.)	Value in ('000 Rs.)	Quantity exported (M. T.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
1972	..	N. A.	N. A.	N. A.	65,05,162	18,513	15,26,928
1973	..	66	26,471.404	13,500	64,22,321	63,803	17,33,172
1974	..	58	25,773.844	11,547	55,00,673	84,218	13,94,187
1975	..	63	27,471.366	13,312	7,40,050	1,54,140	23,41,743
1976	..	53	24,361.794	13,775	77,84,897	81,063	20,60,758
1977	..	53	22,633.616	12,903	76,15,339	1,63,568	20,13,290
1978	..	54	23,564.235	14,242	73,07,042	1,74,660	19,51,719
1979	..	53	23,278.865	12,078	64,32,291	1,72,778	16,00,133
1980	..	51	23,175.153	14,265	57,61,396	21,794	12,13,507
1981	..	51	22,026.832	12,510	50,75,661	2,27,310	6,80,485
1980							
Cuttack	..	2	3,038.017	414	3,07,348	12,004	3,48,574
Keonjhar	..	34	12,366.166	8,571	36,17,119	1,07,420	7,90,813
Mayurbhanj	..	11	4,750.109	1,819	3,81,869	5,157	71,603
Sundargarh	..	4	3,020.861	3,461	14,55,060	93,356	2,517
1981							
Cuttack	..	2	3,038.017	1,456	3,50,252	13,005	15,095
Keonjhar	..	33	11,191.475	6,382	32,10,631	1,27,458	6,30,118
Mayurbhanj	..	12	4,776.479	848	1,38,063	1,998	33,589
Sundargarh	..	4	3,020.861	3,824	13,76,715	84,849	1,683

## XII. INDUSTRY &amp; MINING

Table No. 12-05

Number of Working Mines, area covered, workers employed, quantity and value of minerals produced and quantity exported in the State of Orissa

## Manganese ore

Year/District	Number of working mines	Area covered in Hectares	Number of workers employed	Output in (M. T.)	Value in ('000 Rs.)	Quantity exported (M. T.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972	..	N. A.	N. A.	5,16,696	24,915	69,568
1973	..	68	23,354.132	7,930	4,50,300	19,004
1974	..	49	20,071.337	6,555	4,31,323	25,624
1975	..	46	21,503.073	5,415	5,43,748	34,343
1976	..	46	16,503.887	8,257	6,93,676	41,095
1977	..	44	19,953.691	8,585	7,10,546	49,090
1978	..	40	19,907.210	7,455	6,60,617	55,764
1979	..	39	19,603.881	8,871	6,45,372	66,261
1980	..	26	14,953.885	9,100	11,26,397	60,778
1981	..	25	14,941.423	7,372	4,58,102	63,025
1980						
Keonjhar	..	14	10,006.856	7,134	4,30,874	48,165
Koraput	..	2	637.890	176	5,67,677	769
Sundargarh	..	10	4,309.139	1,790	1,27,846	11,845
1981						
Keonjhar	..	14	10,147.974	5,852	3,45,155	46,947
Koraput	..	2	524.290	134	11,509	991
Sundargarh	..	9	4,269.159	1,386	1,01,438	15,087

## XII. INDUSTRY &amp; MINING

Table No. 12-05

Number of working mines, area covered, workers employed, quantity and value of minerals produced and quantity exported in the State of Orissa

## Chromite

Year/District	Number of working mines	Area covered in hectares	Number of workers employed	Output in M. T.	Value in ('000 Rs.)	Quantity exported M. T.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972 ..	N. A.	N. A.	N. A.	280,301	36,911	79,025
1973 ..	13	3,889.412	5,200	274,837	40,519	209,698
1974 ..	13	5,459.542	4,945	389,182	51,620	268,972
1975 ..	11	5,252.279	5,807	495,616	7,75,820	337,269
1976 ..	12	5,223.151	5,752	389,262	1,62,175	242,569
1977 ..	10	5,210.698	4,518	318,834	1,35,267	143,000
1978 ..	11	5,474.167	4,571	235,938	1,11,648	88,092
1979 ..	11	5,504.167	3,154	266,637	1,33,510	192,295
1980 ..	13	5,500.701	4,456	264,126	1,26,710	77,209
1981 ..	12	5,117.992	4,915	289,416	1,32,418	92,710
1980—						
Cuttack ..	7	4,363.836	1,844	155,959	82,230	54,952
Dhenkanal ..	3	763.579	709	28,683	11,343	8,739
Keonjhar ..	3	373.286	1,903	79,484	33,138	13,518
1981—						
Cuttack ..	6	3,981.127	2,385	185,204	89,927	68,099
Dhenkanal ..	3	763.579	750	38,349	16,212	11,120
Keonjhar ..	3	373.286	1,780	65,863	26,279	13,491

## XII. INDUSTRY &amp; MINING

Table No. 12'05

Number of working mines, area covered, workers employed, quantity and value of minerals produced and quantity exported in the State of Orissa

## Coal

Year/District	Number of working mines	Area covered in hectares	Number of workers employed	Output in (M. T.)	Value of ('000 Rs.)	Quantity exported M. T.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972 ..	N. A.	N. A.	N. A.	1,557,863	63,275	—
1973 ..	8	5,779·886	9,500	1,490,564	61,419	..
1974 ..	9	6,758·180	8,513	1,849,289	80,777	..
1975 ..	11	6,750·232	10,165	2,131,928	1,28,353	..
1976 ..	10	6,574·911	11,086	2,106,452	1,30,139	..
1977 ..	10	6,574·911	9,278	2,151,265	1,38,266	—
1978 ..	10	6,574·911	10,004	2,520,848	1,59,705	67,728
1979 ..	10	6,574·911	9,773	2,798,850	2,40,635	72,351
1980 ..	11	7,115·691	10,278	3,042,879	3,30,390	79,789
1981 ..	11	7,115·691	11,512	3,155,672	4,43,345	N. A.
1980—						
Dhenkanal ..	6	5,058·344	5,095	1,894,922	1,99,523	37,233
Sambalpur ..	5	2,057·347	5,183	1,147,957	1,30,867	42,556
1981—						
Dhenkanal ..	6	5,058·344	5,485	1,970,677	2,58,637	N. A.
Sambalpur ..	5	2,057·347	6,027	1,184,995	1,84,707	N. A.

## XII. INDUSTRY &amp; MINING

Table No. 12.05

Number of working mines, area covered, workers employed, quantity and value of minerals produced and quantity exported in the State of Orissa

## Graphite

Year/District	Number of working mines	Area covered in hectares	Number of workers employed	Output in (M. T.)	Value in ('000 Rs.)	Quantity exported (M. T.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972 ..	N. A.	N. A.	N. A.	17,216	4,428	..
1973 ..	36	1,268.398	1,183	15,148	3,489	..
1974 ..	45	1,494.590	1,169	18,671	3,952	..
1975 ..	35	1,397.307	814	25,375	7,786	..
1976 ..	36	1,464.542	1,183	21,250	3,017	..
1977 ..	38	1,734.018	1,207	25,022	3,257	..
1978 ..	41	2,346.660	1,703	37,978	4,658	..
1979 ..	45	1,766.716	1,753	35,869	5,815	..
1980 ..	47	2,010.238	2,760	40,869	5,236	..
1981 ..	40	1,979.169	2,179	46,232	5,740	..
1980—						
Balangir ..	23	1,014.697	1,807	26,945	3,164	..
Kalahandi ..	4	55.632	320	659	210	..
Koraput ..	2	229.640	30	N. A.	N. A.	..
Phulbani ..	2	339.418	192	4,954	991	..
Sambalpur ..	16	370.851	411	8,311	871	..
1981—						
Balangir ..	22	899.621	1,543	21,326	2,316	..
Dhenkanal ..	2	238.667	20	200	60	..
Kalahandi ..	6	171.357	104	385	169	..
Koraput ..	3	237.730	24	140	N. A.	..
Phulbani ..	2	339.418	250	8,677	1,693	..
Sambalpur ..	5	92.376	238	15,504	1,502	..



## XII. INDUSTRY &amp; MINING

Table No. 12-05

Number of working mines, area covered, workers employed, quantity and value of minerals produced and quantity exported in the State of Orissa

## Fire Clay

Year/District	Number of working mines	Area covered in hectares	Number of workers employed	Output in (M. T.)	Value in ('000 Rs.)	Quantity exported (M. T.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972 ..	N. A.	N. A.	N. A.	95,226	987	..
1973 ..	13	2,649.597	210	97,788	3,046	..
1974 ..	16	2,948.878	796	114,278	3,383	..
1975 ..	17	3,179.544	893	120,963	5,058	..
1976 ..	18	2,802.456	1,070	129,857	5,315	..
1977 ..	15	6,960.300	791	113,296	5,521	..
1978 ..	25	4,143.656	1,258	100,012	5,948	N. A.
1979 ..	24	4,051.810	759	107,445	6,028	..
1980 ..	22	3,880.691	984	91,723	6,514	..
1981 ..	25	4,998.053	1,026	118,697	9,281	..
1980—						
Cuttack ..	6	1,153.894	335	18,405	1,628	..
Dhenkanal ..	1	427.744	15	102	40	..
Puri ..	1	34.883	19	655	56	..
Sambalpur ..	8	1,030.739	378	40,203	3,395	..
Sundargarh ..	6	1,233.481	237	32,358	1,395	..
1981—						
Cuttack ..	8	1,844.421	414	49,804	3,690	..
Dhenkanal ..	1	427.744	15	..	..	..
Puri ..	1	34.883	20	565	45	..
Sambalpur ..	7	951.393	305	46,933	4,398	..
Sundargarh ..	8	1,739.612	272	21,395	1,148	..

## XII—INDUSTRY AND MINING

Table No. 12-05

Number of working mines, area covered, workers employed, quantity and value of minerals produced and quantity exported in the State of Orissa

Chinaclay

Year/District		Number of working mines.	Area covered in Hectares	Number of workers employed	Output in (M. T.)	Value in (000 Rs.)	Quantity exported. (M. T.)
(1)		(2)	(3)	(4)	(5)	(6)	(7)
1972	..	N. A.	N. A.	N. A.	80,014	2,740	..
1973	..	8	1,409.588	616	60,335	1,832	..
1974	..	10	2,693.976	763	60,721	2,629	..
1975	..	10	1,412.000	600	55,395	1,808	..
1976	..	9	1,217.172	425	48,377	1,567	..
1977	..	10	1,336.356	116	28,549	1,457	..
1978	..	10	1,597.536	175	76,274	2,538	10.68
1979	..	10	1,570.189	216	52,404	4,631	N. A.
1980	..	7	970.659	349	61,013	2,283	N. A.
1981	..	5	847.502	167	13,715	1,482	N. A.
1980							
Mayurbhanj	..	6	930.189	307	25,094	1,866	N. A.
Sambalpur	..	1	40.470	42	35,919	418	N. A.
1981							
Mayurbhanj	..	4	807.032	128	5,595	1,153	N. A.
Sambalpur	..	1	40.470	39	8,120	329	N. A.

## XII INDUSTRY AND MINING

Table No. 12-05

Number of working mines, area covered, workers employed, quantity and value of minerals produced and quantity exported in the State of Orissa.

## Limestone

Year/District		Number of working mines	Area covered in Hectares.	Number of workers employed	Output in (M. T.)	value in (000 Rs.)	Quantity exported (M. T. )
(1)		(2)	(3)	(4)	(5)	(6)	(7)
1972	..	N. A.	N. A.	N. A.	2,883,616	65,754	..
1973	..	8	4,700.488	8,365	2,677,292	62,688	..
1974	..	7	4,565.789	8,543	2,716,360	76,798	..
1975	..	6	4,202.576	3,958	2,855,336	95,542	..
1976	..	6	4,400.512	3,761	3,144,345	108,942	..
1977	..	6	4,400.512	3,761	2,986,682	83,405	..
1978	..	19	6,580.857	11,909	5,387,213	102,607	..
1979	..	19	6,309.612	2,022	2,796,799	122,272	..
1980	..	22	7,917.480	12,513	25,80.077	135,210	..
1981	..	7	3,239.133	12,212	2,958,260	153,688	..
1980							
Sambalpur	..	2	740.674	515	560,210	14,134	..
Sundargarh	..	20	7,176.806	11,998	2,019,867	121,076	..
1981							
Koraput	..	1	341.880	11	..	N. A.	..
Sambalpur	..	2	740.674	375	599,718	17,938	..
Sundargarh	..	4	2,156.579	11,826	2,358,542	135,750	..

## XII. INDUSTRY AND MINING

Table No. 12-05

Number of working mines, area covered, workers employed, quantity and value of minerals produced and quantity exported in the State of Orissa

## Dolomite

Year/ District	Number of working mines	Area covered in Hectares	Number of workers employed	Output in (M. T.)	Value in (‘000 Rs.)	Quantity exported. (M. T.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972 ..	N. A.	N. A.	N. A.	628,583	8,18,703	..
1973 ..	6	1,291.577	4,875	633,386	20,443	..
1974 ..	7	1,253.908	1,006	540,313	22,762	..
1975 ..	8	1,732.346	1,011	653,956	32,613	..
1976 ..	7	1,253.908	1,004	704,581	35,839	..
1977 ..	10	1,381.929	7,020	804,599	34,622	..
1978 ..	11	N. A.	N. A.	715,158	35,983	N. A.
1979 ..	10	N. A.	963	697,008	38,415	N. A.
1980 ..	11	N. A.	1,015	635,387	46,113	N. A.
1981 ..	2	648.298	1,263	633,198	36,000	N. A.
1980—						
Sundargarh ..	11	N. A.	1,015	635,357	46,113	N. A.
1981—						
Sundargarh ..	2	643.298	1,263	633.198	36,000	N. A.

## XII. INDUSTRY AND MINING

Table No. 12.05

Number of working mines, area covered, workers employed, quantity and value of minerals produced and quantity exported in the State of Orissa

## Quartz

Year/ District	Number of working mines	Area covered in Hectares	Number of workers employed	Output in (M. T.)	Value of (000 Rs.)	Quantity exported (M. T.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972	..	N. A.	N. A.	N. A.	79,853	663
1973	..	6	1,147.607	200	68,914	577
1974	..	9	1,614.445	270	68,653	842
1975	..	11	1,857.153	225	50,730	412
1976	..	13	212.770	33	90,585	643
197	..	7	545.429	70	77,833	701
1978	..	14	1,897.094	398	93,121	1,846
1979	..	20	2,889.500	408	96,274	2,143
1980	..	18	167.919	128	45,187	1,368
1981	..	11	525.136	312	51,961	1,170
1980—						
Balangir	..	1	90.920	88	25,181	701
Dhenkanal	..	2	40.882	17	312	16
Kalahandi	..	2	36.117	23	4,447	100
Sambalpur	..	3	N. A.	N. A.	10,280	489
Sundargarh	..	10	N. A.	N. A.	4,967	61
1981—						
Balangir	..	2	132.258	124	37,276	673
Dhenkanal	..	2	40.382	14	2,419	119
Kalahandi	..	5	43.582	115	8,870	309
Sambalpur	..	2	309.414	17	497	17
Sundargarh	..	N. A.	N. A.	42	2.8	47

## XII. INDUSTRY AND MINING

Table No. 12-05

Number of working mines, area covered, workers employed, quantity and value of minerals produced and quantity exported in the State of Orissa

## Quartz &amp; Quartzite

Year/District	Number of working mines	Area covered in Hectares	Number of workers employed	Output in (M. T.)	Value ('000 Rs.)	Quantity exported (M. T.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972 ..	N. A.	N. A.	N. A.	17,906	429	..
1973 ..	6	855.687	31	19,015	402	..
1974 ..	5	765.608	154	26,460	570	..
1975 ..	8	847.333	227	21,551	391	..
1976 ..	14	1,775.598	180	28,247	526	..
1977 ..	12	1,950.916	318	66,936	476	..
1978 ..	4	692.905	89	6,848	181	N. A.
1979 ..	4	692.905	136	7,683	222	N. A.
1980 ..	15	2,120.020	516	8,040	586	N. A.
1981 ..	19	2,570.638	165	26,139	674	N. A.
1980—						
Sambalpur ..	3	573.859	95	N. A.	N. A.	N. A.
Sundargarh ..	10	1,353.766	373	1,434	346	N. A.
1981—						
Cuttack ..	1	43.058	26	1,205	48	N. A.
Keonjhar ..	3	271.067	29	10,070	374	N. A.
Mayurbhanj	1	81.870	31	13,083	203	N. A.
Sambalpur ..	3	573.859	34	1,330	38	N. A.
Sundargarh	11	1,600.754	45	451	11	N. A.

## XII INDUSTRY AND MINING

Table No. 12.05

Number of working mines, area covered, workers employed, quantity and value of minerals produced and quantity exported in the State of Orissa

## Soap Stone

Year/District	Number of working mines	Area covered in Hectares	Number of workers employed	Output in ( M. T. )	Value ( '000 Rs. )	Quantity exported (M. T.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972 ..	N. A.	N. A.	N. A.	N. A.	N. A.	..
1973 ..	N. A.	N. A.	N. A.	N. A.	N. A.	..
1974 ..	N. A.	N. A.	N. A.	N. A.	N. A.	..
1975 ..	N. A.	N. A.	N. A.	N. A.	N. A.	..
1976 ..	N. A.	N. A.	N. A.	N. A.	N. A.	..
1977 ..	1	75.000	18	186	1	..
1978 ..	2	79.225	12	623	23	N. A.
1979 ..	2	79.225	18	1,678	67	N. A.
1980 ..	1	75.000	6	N. A.	2	N. A.
1981 ..	1	75.000	10	698	24	N. A.
1980—						
Mayurbhanj	1	75.000	6	N. A.	2	N. A.
1981—						
Mayurbhanj	1	75.000	10	698	24	N. A.

## XII. INDUSTRY AND MINING

Table No. 12'05

Number of working mines, area covered, workers employed, quantity and value of minerals produced and quantity exported in the State of Orissa

## Lead Ore

Year/District		Number of working mines	A r e a covered in Hect- ares	Number of workers employed	Output in ( M. T. )	Value in ( '000 Rs. )	Quantity exported ( M. T. )
(1)		(2)	(3)	(4)	(5)	(6)	(7)
1972	..	N. A.	N. A.	N. A.	N. A.	N. A.	..
1973	—	N. A.	N. A.	N. A.	N. A.	N. A.	—
1974	..	N. A.	N. A.	N. A.	N. A.	N. A.	..
1975	..	N. A.	N. A.	N. A.	N. A.	N. A.	..
1976	..	N. A.	N. A.	N. A.	N. A.	N. A.	..
1977	..	N. A.	N. A.	N. A.	N. A.	N. A.	..
1978	..	1	499.596	93	10,542	17,194	N. A.
1979	..	1	499.596	92	N. A.	7,941	N. A.
1980	..	1	499.596	152	N. A.	25,401	N. A.
1981	..	1	499.596	230	7,913	22,742	N. A.
1980—							
Sundargarh	..	1	499.596	152	N. A.	25,401	N. A.
1981—							
Sundargarh	..	1	499.596	230	7,913	22,742	N. A.



## XII. INDUSTRY AND MINING

Table No. 12.05

Number of working mines, area covered, worker employed, quantity and value of minerals produced and quantity exported in the State of Orissa

## Iron &amp; Manganese Ore

Year/District		Number of working mines	A r e a covered in Hectares	Number of workers employed	Output in ( M. T. )	Value in ( '000 Rs.)	Quantity exported ( M. T. )
(1)		(2)	(3)	(4)	(5)	(6)	(7)
1972	..	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
1973	..	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
1974	..	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
1975	..	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
1976	..	9	3,372.527	N. A.	N. A.	N. A.	N. A.
1977	..	16	10,649.446	N. A.	N. A.	N. A.	N. A.
1978	..	16	10,649.446	3,097	N. A.	N. A.	N. A.
1979	..	18	10,998.708	2,195	N. A.	N. A.	N. A.
1980	..	22	10,766.669	1,884	N. A.	N. A.	N. A.
1981	..	21	12,244.476	2,377	N. A.	N. A.	N. A.
1980—							
Keonjhar	..	13	8,239.356	1,300	N. A.	N. A.	N. A.
Sundargarh	..	9	2,527.313	584	N. A.	N. A.	N. A.
1981—							
Keonjhar	..	10	8,238.120	1,721	N. A.	N. A.	N. A.
Sundargarh	..	11	4,006.356	656	N. A.	N. A.	N. A.

SOURCE—Directorate of Mines, Orissa

## XII. INDUSTRY AND MINING

Table No. 12-06

Collection of Mining Revenue in Orissa

Year/District	Amount of Collection (Rs)				
	Fee for Certificate of Approval	Fee for Renewal of certificate	Application fee of respect		Prospectign fee
			M. L.	P. L.	
(1)	(2)	(3)	(4)	(5)	(6)
1971-72	28,000	49,750	4,907	30,224	19,776
1972-73	13,325	41,543	28,393	5,267	8,725
1973-74	19,786	42,349	2,668	21,770	5,612
1974-75	30,750	53,100	1,997	27,305	14,711
1975-76	26,500	52,628	32 27,532	2,213	14,636
1976-77	24,000	51,300	40,314	2,588	11,125
1977-78	29,760	54,300	33,400	5,856	4,111
1978-79	48,500	68,290	50,200	7,332	8,340
1979-80	50,250	61,650	47,200	2,464	5,276
1980-81	52,000	85,450	50,680	1,000	4,078
1979-80					
Balasore	..	..	..	..	..
Balangir	5,000	7,750	10,600	832	1,055
Cuttack	5,250	9,250	1,400	20	..
DhenknaI	..	1,000	1,000	20	..
Ganjam	..	750	..	..	..
Kalahandi	5,000	2,750	5,600	336	1,258
Keonjhar	4,000	12,150	3,400	40	..
Koraput	..	750	2,000	840	..
Mayurbhanj	4,000	6,250	2,800	28	..
Phulbani	500	500	1,200	100	..
Puri	21,000	3,000	1,000	68	24
Sambalpur	2,500	12,500	7,600	140	79
Sundargarh	3,000	5,000	10,000	40	2,859
1980-81					
Balasore	..	..	..	..	..
Balangir	3,000	7,500	9,200	300	349
Cuttack	5,000	12,700	1,500	..	918
Dhenkanal	..	1,000	600	28	..
Ganjam	2,000	250	..	..	..
Kalahandi	2,500	5,000	7,600	316	113
Keonjhar	8,000	8,250	2,868	..	..
Koraput	2,000	..	8,990	..	75
Mayurbhanj	4,000	8,500	4,616	..	892
Phulbani	..	..	1,000	100	1,681
Puri	16,000	21,250	2,600	212	..
Sambalpur	4,500	12,250	3,400	44	..
Sundargarh	5,000	8,750	8,306	..	48

## XII. INDUSTRY AND MINING

Tabel No. 12-06

Collection of Mining Revenue in Orissa

Year/District	Amount of collection Rs.			
	Royalty in respect of M. L. & P. L.	Transfer fee in respect of M. L. & P. L.	Compensation for damage to land in respect of M. L. and P. L.	Total
(1)	(7)	(8)	(9)	(10)
1971-72	1,76,98,096	1,875	10,213	1,78,42,841
1972-73	1,84,68,880	4,629	406	1,85,71,168
1973-74	2,12,62,801	1,146	958	2,13,57,135
1974-75	2,69,86,574	471	1,500	2,71,16,408
1975-76	3,73,31,424	10,180	12,18,582	4,18,93,695
1976-77	3,91,81,560	1,506	..	3,93,13,993
1977-78	3,59,85,814	880	..	3,61,14,121
1978-79	3,89,29,394	900	..	3,91,12,920
1979-80	4,54,25,729	700	..	4,55,93,269
1980-81	4,26,67,069	200	..	4,28,60,477
1979-80				
Balasore	..	..	..	..
Balangir	1,51,691	100	..	1,77,028
Cuttack	55,53,121	..	..	55,69,041
Dhenkanal	62,55,397	..	..	62,57,417
Ganjam	..	..	..	750
Kalahandi	12,838	..	..	27,783
Keonjhar	1,39,34,328	400	..	1,39,54,318
Koraput	75,178	..	..	78,768
Mayurbhanj	8,77,853	100	..	8,91,031
Phulbani	40,784	..	..	43,084
Puri	..	..	..	25,092
Sambalpur	64,80,141	..	..	65,02,961
Sundargarh	1,20,44,394	..	..	1,20,65,993
1980-81				
Balasore	..	..	..	..
Balangir	1,19,466	..	..	1,39,816
Cuttack	46,89,831	..	..	47,09,949
Dhenkanal	63,03,633	..	..	63,05,261
Ganjam	..	..	..	2,250
Kalahandi	24,855	100	..	40,484
Keonjhar	1,24,26,891	..	..	1,24,46,009
Koraput	53,121	..	..	64,186
Mayurbhanj	5,98,388	100	..	6,16,496
Phulbani	42,897	..	..	45,678
Puri	648	..	..	40,710
Sambaipur	59,85,256	..	..	60,05,450
Sundargarh	1,24,22,078	..	..	1,24,44,183

SOURCE—Directorate of Mines, Orissa

## XII. INDUSTRY AND MINING

Table No. 12-07

Number of Joint Stock Companies at work in Orissa

Year/ District	Number during the year			Authorised Capital (in' 000 Rs.)		
	Public	Private	Total	Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971-72	62	196	258	81,44,23	10,78,76	92,22,94
1972-73	65	213	278	82,29,23	11,61,26	93,90,49
1973-74	67	220	287	82,74,23	11,93,96	94,73,19
1974-75	73	224	297	1,14,29,23	12,29,46	1,26,58,69
1975-76	82	247	329	1,22,62,23	14,48,91	1,37,11,14
1976-77	87	275	356	1,22,52,23	16,56,41	1,39,08,64
1977-78	89	300	395	1,26,02,23	3,18,60,00	4,44,62,23
1978-79	94	323	417	1,24,57,23	3,21,13,55	4,45,70,78
1979-80	101	353	454	1,26,90,23	3,34,81,76	4,61,71,99
1980-81	114	376	490	1,52,60,23	3,36,46,11	4,89,06,34
1979-80						
Balasore	2	8	10	22,00	36,70	56,70
Balangir	2	3	5	6,00	36,00	42,00
Cuttack	36	155	191	41,32,5	9,71,37	13,84,62
Dhenkanal	2	9	11	2,00,00	1,34,90	3,34,90
Ganjam	3	18	21	46,00	1,01,15	1,47,15
Kalahandi	..	1	1	..	3,00	3,00
Keonjhar	1	2	3	1,00	3,00	4,00
Koraput	2	5	7	55,00	9,50	64,50
Mayurbhanj	4	11	15	31,00	50,50	81,50
Phulbani	..	..	..	..	..	..
Puri	35	84	119	1,00,09,00	17,17,14	1,17,26,14
Sambalpur	2	16	18	50,00	1,06,50	1,56,50
Sundargarh	12	40	52	18,56,98	3,02,92,00	3,21,48,98
1980-81						
Balasore	2	10	12	22,00	39,70	61,70
Balangir	2	3	5	6,00	36,00	42,00
Cuttack	35	161	196	6,11,25	9,87,12	15,98,37
Dhenkanal	2	9	11	2,00,00	1,27,90	3,27,90
Ganjam	4	18	22	66,00	1,01,15	1,67,15
Kalahandi	..	1	1	..	3,00	3,00
Keonjhar	1	2	3	1,00	3,00	4,00
Koraput	2	8	10	55,00	25,50	80,50
Mayurbhanj	5	13	18	3,31,00	61,50	3,92,50
Phulbani	1	..	1	10,00	..	10,00
Puri	46	92	138	1,20,02,00	18,11,24	13,80,13,24
Sambalpur	3	16	19	1,00,00	1,12,00	2,12,00
Sundargarh	11	42	53	18,55,98	3,03,18,00	3,21,73,98

## XII. INDUSTRY AND MINING

Table No. 12-08

Number of Joint Stock Companies newly registered in Orissa

Year/ District	Number during the year			Authorised capital ( ' 000 Rs. )		
	Public	Private	Total	Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971-72	3	19	22	85,00	90,50	1,75,50
1972-73	2	13	15	50,00	47,70	97,70
1973-74	6	18	24	31,50,00	68,30	32,18,30
1974-75	14	35	49	8,45,00	2,53,95	10,98,95
1975-76	..	32	32	..	2,17,50	2,17,50
1976-77	8	33	41	3,50,00	3,02,07,09	3,05,57,09
1977-78	6	21	27	8,55,00	2,94,50	11,49,50
1978-79	8	51	59	2,83,00	14,18,50	17,01,50
1979-80	16	40	56	25,73,00	2,16,25	27,89,25
1980-81	6	55	61	16,70,00	2,03,47,95	2,20,17,95
1979-80						
Balasore	..	2	2	..	3,00	3,00
Balangir	..	..	..	..	..	..
Cuttack	1	14	15	2,00,00	47,75	2,47,75
Dhenkanal	..	1	1	..	3,00	3,00
Ganjam	1	..	1	20,00	..	20,00
Kalahandi	..	..	..	..	..	..
Keonjhar	..	..	..	..	..	..
Koraput	..	3	3	..	16,00	16,00
Mayurbhanj	1	2	3	3,00,00	11,00	3,11,00
Phulbani	1	..	1	10,00	..	10,00
Puri	11	12	23	19,93,00	99,50	20,92,50
Sambalpur	1	2	3	50,00	7,00	57,00
Sundargarh	..	4	4	..	29,50	29,50
1980-81						
Balasore	..	1	1	..	5,00	5,00
Balangir	..	..	..	..	..	..
Cuttack	1	18	19	25,00	1,15,50	1,40,50
Dhenkanal	..	..	..	..	..	..
Ganjam	..	4	4	..	38,50	38,50
Kalahandi	..	1	1	..	10,00	10,00
Keonjhar	1	..	1	25,00	..	25,00
Koraput	..	1	1	..	5,00	5,00
Mayurbhanj	..	4	4	..	40,00	40,00
Phulbani	..	1	1	..	3,00	3,00
Puri	4	21	25	16,20,00	2,01,08,95	2,17,28,95
Sambalpur	..	..	..	..	..	..
Sundargarh	..	4	4	..	22,00	22,00

## XII. INDUSTRY AND MINING

Table No. 12-09

Number of Joint Stock Companies Liquidated Struck off and transferred to other States

Year/District	Number during the year			Authorised capital (in '000 Rs.)		
	Public	Private	Total	Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971-72	..	2	2	..	8,00	8,00
1972-73	..	6	6	..	1,500	1,500
1973-74	..	14	14	..	3,280	3,280
1974-75	5	12	17	1,200	3,450	4,650
1975-76	1	4	5	1,000	1,000	2,000
1976-77	..	2	2	..	3,50	3,50
1977-78	1	4	5	10,00,00	40,95	10,40,95
1978-79	1	21	22	50,00	50,29	1,00,29
1979-80	3	17	20	3,00	51,90	54,90
1980-81	Nil	Nil	Nil	Nil	Nil	Nil
1979-80						
Balasore	..	..	..	..	..	..
Balangir	..	..	..	..	..	..
Cuttack	2	8	10	2,00	3,150	3,350
Dhenkanal	..	1	1	..	1,000	1,030
Ganjam	..	..	..	..	..	..
Kalahandi	..	..	..	..	..	..
Keonjhar	..	..	..	..	..	..
Koraput	..	..	..	..	..	..
Mayurbhanj	..	..	..	..	..	..
Phulbani	..	..	..	..	..	..
Puri	..	4	4	..	540	5,40
Sambalpur	..	2	2	..	150	1,50
Sundargarh	1	2	3	1,00	350	4,50
1980-81						
Balasore	..	..	..	..	..	..
Balangi	..	..	..	..	..	..
Cuttack	..	..	..	..	..	..
Dhenkanal	..	..	..	..	..	..
Ganjam	..	..	..	..	..	..
Kalahandi	..	..	..	..	..	..
Keonjhar	..	..	..	..	..	..
Koraput	..	..	..	..	..	..
Mayurbhanj	..	..	..	..	..	..
Phulbani	..	..	..	..	..	..
Puri	..	..	..	..	..	..
Sambalpur	..	..	..	..	..	..
Sundargarh	..	..	..	..	..	..

## XII. INDUSTRIES AND MINING

Table No. 12-10

Production and Sale of Salt in Orissa

Year		Number/Name of salt factories	Production in M. T.	Sale in (M. T.)	Ex-factory price per quintal in Rs.
(1)		(2)	(3)	(4)	(5)
1972	..	6	87,463	48,605	16.78
1973	..	6	56,582	68,092	16.81
1974	..	6	75,930	75,690	23.59
1975	..	6	45,902	55,318	21.78
1976	..	9	84,490	59,106	18.6
1977	..	6	41,750	59,078	19.44
1978	..	6	73,330	52,564	14.87
1979	..	6	77,199	75,805	10.52
1980	..	6	1,27,375	87,825	11.12
1981	..	8	13,154	44,744	15.81
1981					
Balang salt factory	..	...	7	215	26.55
Ganjam salt factory	..	..	6,751	11,478	13.41
Sumandi salt factory	..	..	610	18,253	9.91
Surla salt factory	..	..	2,621	6,760	8.95
Goka salt factory	..	..	3,032	6,419	12.45
Astarang salt factory	..	..	99	1,299	19.40
Chudamani salt factory	..	..	23	314	20.00
Jamboo salt factory	..	..	12	6	..

SOURCE—Asst. Salt Commissioner, Calcutta and Secretary, Balang Salt Manufacturing Society Ltd., Balang, Balasore.

## XII. INDUSTRIES AND MINING

Table No. 12-11

Sitting capacity in Cinema Houses in the State of Orissa

(As on 1st January)

Year/District	Number of Cinema Houses		Number of seats available by value of tickets (Excluding E. T.)				
	Existing	Reported	Below Rs. 1-00	Rs. 100 to Rs. 200	Rs. 2-00 to Rs. 2-50	Rs. 2-50 and above	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1977	106	106	42,379	23,888	1,066	284	67,617
1978	103	102	40,540	23,503	1,622	150	65,815
1979	120	115	43,342	25,884	2,045	72	71,343
1980	126	121	41,725	29,176	2,631	2,565	76,057
1981	136	125	37,573	30,177	4,447	4,384	76,581
1980 —							
Balasore	9	9	2,983	1,494	38	..	4,515
Balangir	4	4	1,599	1,051	Nil	..	2,650
Cuttack	22	22	7,111	5,958	612	..	13,681
Dhenkanal	7	7	2,395	1,305	16	..	3,716
Ganjam	21	18	8,515	3,675	278	..	12,468
Kalahandi	3	3	908	590	26	..	1,524
Keonjhar	4	3	554	862	..	..	1,416
Koraput	12	12	7,215	1,673	..	..	8,888
Mayurbhanja	6	6	2,726	979	..	..	3,705
Phulbani	1	1	180	220	..	..	400
Puri	15	15	5,236	3,213	364	..	8,813
Sambalpur	13	13	300	4,062	1,111	2,565	8,038
Sundargarh	9	8	2,003	4,094	186	..	6,283
1981							
Balasore	10	10	3,243	2,044	98	30	5,455
Balangir	5	5	145	1,679	932	54	3,298
Cuttack	24	21	7,111	5,948	612	..	13,671
Dhenkanal	8	8	2,609	1,601	16	..	4,226
Ganjam	21	16	7,565	3,415	278	..	11,258
Kalahandi	3	3	908	590	26	..	1,524
Keonjhar	4	3	554	762	..	..	1,316
Koraput	10	10	5,182	1,143	..	..	6,325
Mayurbhanja	5	5	357	1,427	688	605	3,077
Phulbani	2	1	..	300	..	140	440
Puri	18	18	6,568	3,572	364	..	10,504
Sambalpur	18	17	708	3,997	1,189	3,067	8,961
Sundargarh	8	8	2,583	3,699	244	..	6,526

SOURCE—District Statistical Offices



## XII. INDUSTRIES AND MINING

Table No. 12-12

Number of Cinema Tickets sold and sales proceeds of Cinema Houses in the State of Orissa

Year/District	Number of Cinema Houses		Number of Cinema Tickets sold (Thousands)						
	Existed	Reported	Below Rs. 1.00	Rs. 1.00	Rs. 2.00	Rs. 2.50	Total	Total sales Proceeds realised '000 Rs.	
				to Rs. 2.00	to Rs. 2.50	and above			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1977	...	110	99	3,794	10,860	3,883	3,565	22,102	40,340
1978	..	121	105	3,358	11,285	4,264	3,962	22,869	40,233
1979	...	123	107	2,913	10,657	3,494	6,725	23,788	46,649
1980	..	..	..	..	..	..	..	..	..
1981	..	..	..	..	..	..	..	..	..
1980—									
Balasore	..	9	9	49	915	1,285	357	1,922	3,650
Balangir	..	4	4	..	404	208	119	731	1,766
Cuttack	..	..	..	..	..	..	..	..	..
Dhenkanal	..	8	8	81	458	118	226	884	1,724
Ganjam	..	21	14	374	1,405	88	709	2,576	5,119
Kalahandi	...	3	3	..	198	18	130	346	721
Keonjhar	..	4	4	2	143	4	49	193	495
Koraput	..	9	8	188	1,608	175	355	2,326	3,798
Mayurbhanja	..	6	6	214	654	173	62	1,103	1,873
Phulbani	..	1	1	..	6	..	2	9	19
Puri	..	18	17	11	1,697	61	1,779	3,548	5,383
Sambalpur	..	13	10	91	1,354	301	1,103	2,849	5,972
Sundargarh	..	9	8	82	375	554	1,382	2,312	6,265
1981									
Balasore	..	10	10	42	1,040	852	602	2,475	4,841
Balangir	..	5	5	14	463	253	159	893	1,761
Cuttack	..	24	11	94	943	209	4,187	6,032	9,651
Dhenkanal	..	..	..	..	..	..	..	..	..
Ganjam	..	22	17	327	1,131	108	590	2,156	4,602
Kalahandi	..	3	3	..	232	22	180	435	937
Keonjhar	..	4	3	..	96	61	77	234	539
Koraput	..	10	10	122	1,900	207	445	2,675	4,792
Mayurbhanja	..	5	5	104	429	245	223	991	2,003
Phulbani	..	1	1	1	3	..	2	5	8
Puri	..	..	..	..	..	..	..	..	..
Sambalpur	..	17	12	104	1,451	360	1,299	6,152	7,057
Sundargarh	..	8	8	50	359	669	2,807	3,885	8,334

SOURCE—District Statistical Offices

## XII INDUSTRIES AND MINING

Table No. 12.13

Facility available for Tourists, Income of the State Government derived from them in different Tourist Bungalows in the State of Orissa, during the year 1979

Name of the district	Name and location of the tourist Bungalow	No. of rooms and beds available to guests		No. of guests checking in		No. of guests night spent		Amount earned from foreigners (Rs.)
		Rooms	Beds	Indians	Foreigners	Indians	Foreigners	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Balasore	Tourist Bungalow, Chandipur.	10	20	2,113	39	3,660	70	1,527
Ganjam	Tourist Bungalow, Rambha.	11	16	1,749	78	2,421	149	1,702
Mayurbhanj	Tourist Bungalow, Bangriposi.	2	4	114	..	148	..	1,939
Puri	Panthnivas, Puri	21	50	6,630	835	14,213	1,730	16,182
	Mahodadhiniyas, Puri.	9	18	1,412	90	2,679	207	3,460
	Tourist Bungalow, Bhubaneswar.	14	36	3,616	716	8,117	1,228	1,022
	Tourist Bungalow, Konark.	9	18	1,627	439	2,132	690	8,117
Sambalpur	Tourist Bungalow, Sambalpur.	24	48	3,795	115	6,414	385	2,411
	Tourist Bungalow, Nrusinghnath.	5	16	450	4	515	4	Nil
State		105	226	21,506	2,316	40,304	4,463	36,390

Source—Concerned Tourist Offices

## XII. INDUSTRIES AND MINING

Table No. 12-14

Details of building works started in the Public sector in the State of Orissa

Years and types of buildings	Building portion					
	Number of projects	Total plinth area (Sq.M)	Total floor area (Sq.M)	Total estimated cost (Technical estimate)	Value of work done during the period	Value of work done since the beginning of the projects
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972-73	31	19,323	30,372	26,60,084	7,00,866	7,00,866
1973-74	30	18,455	15,802	27,21,315	9,92,914	9,92,914
1974-75	16	2,905	3,586	12,48,201	5,35,878	5,35,878
1975-76	53	55,308	60,867	57,17,767	19,91,155	36,48,149
1976-77	58	42,747	37,217	2,51,98,812	27,32,649	24,62,269
1977-78	51	22,840	21,183	1,07,65,864	42,31,533	42,31,533
1978-79	120	68,816	88,167	15,17,48,781	66,86,790	66,86,790
1979-80	175	79,060	64,036	2,75,85,455	1,56,83,613	1,56,83,613
1980-81	82	60,971	51,126	2,06,96,778	96,93,187	96,93,187
1979-80—						
1. Residential buildings.	92	36,590	29,008	1,53,19,704	76,36,399	76,36,399
2. Industrial buildings.	1	159	150	30,000	10,000	10,000
3. Commercial buildings.	34	28,755	22,920	51,85,619	28,43,912	28,43,912
4. Institutional buildings.	48	13,556	11,958	70,50,132	51,93,302	51,93,302
5. Other buildings.	..	..	..	..	..	..
1980-81—						
1. Residential buildings.	49	29,652	27,691	1,21,73,684	66,76,708	66,76,708
2. Industrial buildings.	..	..	..	..	..	..
3. Commercial buildings.	13	3,098	2,734	15,36,772	8,10,383	8,10,383
4. Institutional buildings.	20	28,221	20,701	69,86,322	22,06,096	22,06,096
5. Other buildings.	..	..	..	..	..	..

Source—Works Department, Bhubaneswar

## XII. INDUSTRIES AND MINING

Table No. 12-15

Details of building works completed in the Public sector in the State of Orissa

Years and types of buildings	Building portion					
	Number of projects	Total plinth area (Sq.M.)	Total floor area (Sq.M.)	Total estimated cost (Technical estimate)	Value of work done during the period	Value of work done since the beginning of the projects
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972-73	25	34,128	58,109	91,46,046	9,48,659	7,59,809
1973-74	102	385,380	212,266	1,91,85,962	19,54,344	1,52,43,292
1974-75	128	71,849	67,472	2,44,18,360	42,26,358	2,44,12,336
1975-76	93	67,216	47,574	1,18,11,901	14,69,146	9,51,003
1976-77	140	70,893	211,243	1,48,37,202	51,57,771	1,24,92,60
1977-78	100	55,957	66,364	6,86,19,376	58,00,344	2,36,543
1978-79	158	68,516	68,836	3,19,13,582	15,38,631	2,95,98,434
1979-80	403	1,90,083	165,825	9,94,68,402	1,23,83,386	7,56,35,792
1980-81	268	211,427	165,974	8,66,38,646	99,70,354	8,25,10,422
1979-80—						
1. Residential buildings.	199	67,397	58,066	3,31,45,607	57,07,252	3,01,77,046
2. Industrial buildings.	3	582	517	1,21,633	33,000	1,10,025
3. Commercial buildings.	92	39,906	34,807	1,24,17,362	30,19,912	1,62,01,782
4. Institutional buildings.	109	82,198	72,435	4,77,83,800	36,23,222	2,91,46,939
5. Other buildings.	..	..	..	—	..	..
1980-81—						
1. Residential buildings.	139	128,958	90,882	3,48,02,596	39,33,112	3,23,11,609
2. Industrial buildings.	1	12,960	12,699	1,34,12,100	..	1,29,23,054
3. Commercial buildings.	62	28,078	24,951	1,00,80,684	15,01,878	92,11,734
4. Institutional buildings	66	41,431	37,442	2,83,43,266	45,35,364	2,80,64,025
5. Other buildings.	..	..	..	..	..	..

## XII. INDUSTRIES AND MINING

Table No. 12-15

Details of building works completed in the Public sector in the State of Orissa—Contd.

Years and types of buildings	Sanitary and water-supply installation			
	Number of projects	Total estimated cost (technical estimates)	Value of work done during the period	Value of work done since the beginning of the projects
(1)	(8)	(9)	(10)	(11)
1972-73	5	2,88,550	1,83,654	2,75,893
1973-74	8	6,47,800	2,49,118	3,92,629
1974-75	2	73,421	60,128	81,709
1975-76	6	3,94,170	87,400	4,69,049
1976-77	13	6,29,100	3,42,776	6,25,540
1977-78	4	2,03,500	1,38,800	1,70,000
1978-79	15	17,91,400	5,46,653	5,66,653
1979-80	41	33,27,563	12,74,430	33,90,826
1980-81	51	60,00,919	13,30,978	81,82,746
1979-80—				
1. Residential buildings.	21	20,45,622	7,63,969	19,91,473
2. Industrial buildings.	..	..	..	..
3. Commercial buildings,	9	4,93,400	1,84,567	4,75,459
4. Institutional buildings.	11	7,88,541	3,25,894	9,23,894
5. Other buildings	..	..	..	..
1980-81—				
1. Residential buildings.	26	17,12,517	7,17,812	33,01,674
2. Industrial buildings.	..	..	..	..
3. Commercial buildings.	7	20,44,531	1,91,420	21,74,710
4. Institutional buildings.	18	22,43,871	4,21,746	27,06,362
5. Other buildings	..	..	.	..

## XII. INDUSTRIES AND MINING

Table No. 12.15

Details of building works completed in the State of Orissa - *Concl'd.*

Years and types of buildings	Electrical Installations			
	Number of projects	Total estimated cost (technical estimates)	Value of work done during the period	Value of work done since the beginning of the projects
(1)	(12)	(13)	(14)	(15)
1972-73	..	..	..	..
1973-74	17	25,43,833	3,89,782	25,03,563
1974-75	1	21,165	2,520	21,630
1975-76	6	1,57,516	..	1,66,956
1976-77	8	78,908	..	83,478
1977-78	13	14,74,408	3,39,654	20,52,976
1978-79	10	13,19,636	1,94,692	13,77,097
1979-80	77	90,83,451	20,62,151	93,91,684
1980-81	28	1,27,81,441	1,49,453	1,48,53,244
1979-80—				
1. Residential buildings.	29	35,65,632	8,62,539	36,19,081
2. Industrial buildings.	..	..	..	..
3. Commercial buildings.	21	25,17,421	6,55,872	31,11,816
4. Institutional buildings.	27	30,00,398	5,43,740	26,60,787
5. Other buildings	..	..	..	..
1980-81—				
1. Residential buildings.	18	1,04,83,711	62,220	1,16,27,023
2. Industrial buildings.	..	..	..	..
3. Commercial buildings.	6	16,91,920	78,001	18,07,196
4. Institutional buildings.	4	6,05,810	9,232	14,19,025
5. Other buildings	..	..	..	..

Source—Works Department, Bhubaneswar

## XIII. POWER

This chapter presents data on installed capacity, generation of power, consumption of electricity, number of villages electrified and number of lift irrigation points energised in the State of Orissa, for the years 1971-72 to 1980-81 with Electrical Divisionwise and districtwise break-up for the last two years.

As power is a primary factor for economic development of different forms of energy, the use of electricity is one of the best indicator to assess the industrial growth and standard of living of the State. The rate of progress of power generation in Orissa has been fairly high during the year 1980-81 with 3135 Million K. W. H. and low in the year 1974-75 with 1823 Million K. W. H. The total installed capacity was only 563 Megawatt during the year 1973-74. But it is increased rapidly to 914 Megawatt in the year 1980-81, recording an increase by 62 per cent. The increase was mainly due to commissioning of Balimela Project. The installed capacity and generation of power are highest for Hydro-Electric Projects in the State followed by Thermal Projects. The electricity generated was 1892 Million K. W. H. in the year 1971-72 and has increased to 3135 Million K. W. H. in the year 1980-81, recording an increase of 40.1 per cent over that of the preceding year and 65.7 per cent over that of 1971-72.

The consumption of electricity has increased from 1741 Million K. W. H. in the year 1971-72 to 2445 Million K. W. H. in the year 1980-81. The consumption is less than the generation to the extent of 691 Million K. W. H. during the year 1980-81. The consumption of electricity by large industry is highest (2010 Million K. W. H.) followed by domestic consumption (112 Million K. W. H.) which constituted 82.2 per cent and 4.6 per cent respectively during the year 1980-81. Although consumption of electricity appears very impressive the relative backwardness of Orissa is well revealed when compared with figures of per capita consumption of power. The per capita consumption of electricity per annum was 79.31 K. W. H. in 1971-72 and has increased to 92.70 K. W. H. in the year 1980-81.

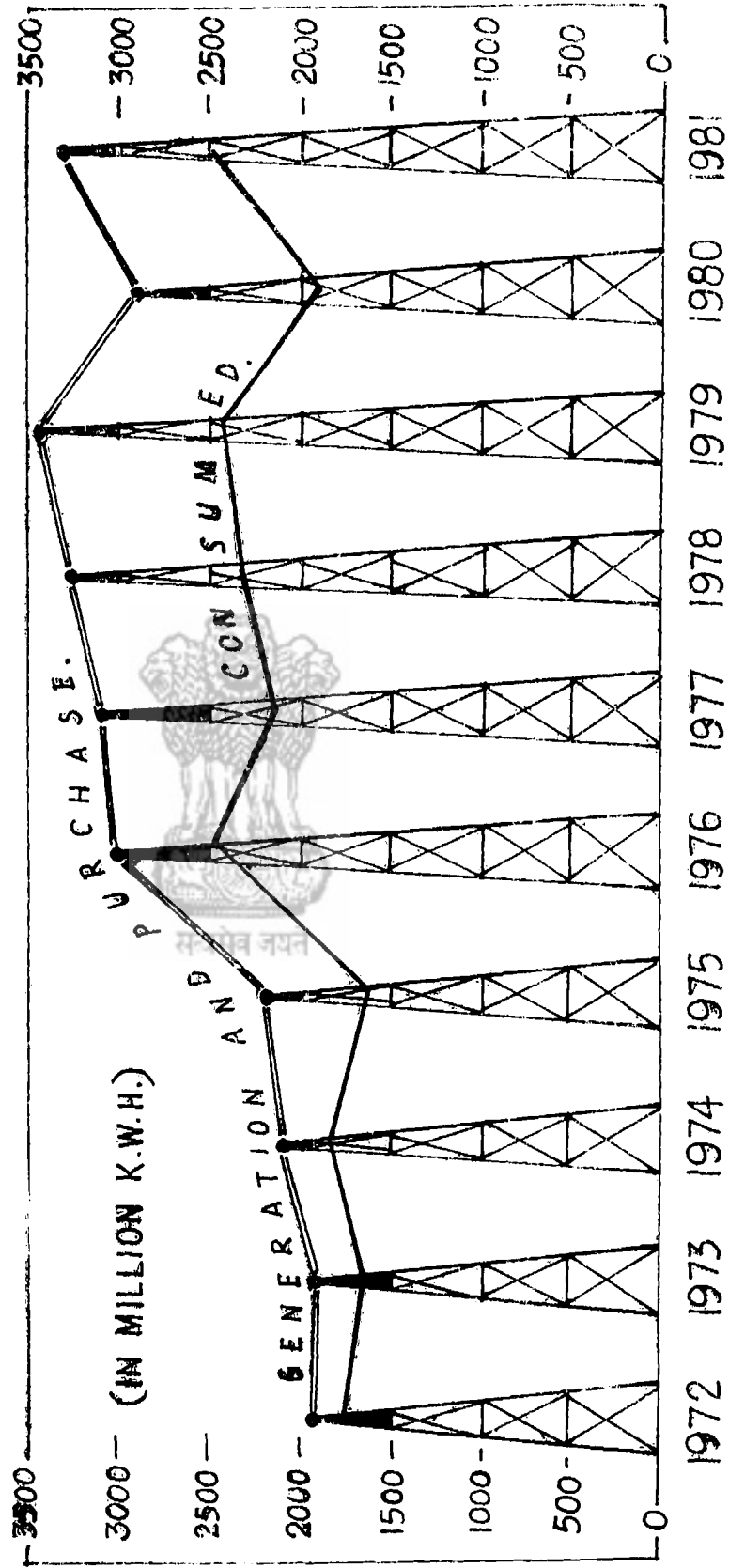
In order to provide better living condition in the village where, 88 per cent of the State population resides a rural electrification schemes is being implemented in the State. The total number of villages electrified up to the end of the year 1980-81 was found to be 20,953 constituting 44.6 per cent of the total number of inhabited villages in the State.

In Cuttack district 206 villages were electrified which was the highest record in comparison to other district in the year, 1980-81. Number of village electrified in Sundargarh district was lowest (38) in the year 1980-81. More over 62.65 per cent of villages of Cuttack district and 54.47 per cent villages of Sundargarh district have been electrified up to the year 1980-81, but in the district of Phulbani only 11.39 per cent of villages were electrified up to the end of the year 1980-81.

For providing irrigation facility in areas where canal irrigation is not economically feasible proposition irrigation through lift irrigation points has been taken up in an increasing scale specially in flood affected and drought prone areas. Up to the end of the year 1971-72 lift irrigation points energised were 704. But the progress in this field was much high in the year 1980-81 having 3,155 lift irrigation points energised being the total number of points enregised come to 15,266. So there is a remarkable increase as regards to lift irrigation points energised.

When comparative figures of lift irrigation points energised amongst the districts are taken into account it was observed that in the year 1980-81, lift irrigation points energised in Dhenkanal district was the highest (577) followed by Balangir with 451 points, Cuttack with 414 points, where as points energised in the district of Phulbani was observed to be the lowest (35 points).

# GENERATION & CONSUMPTION OF ELECTRICITY IN ORISSA





## XIII. POWER

Table No. 13-01

Installed capacity and generation of Power in Orissa

Year/Power Station	Installed capacity (Megawatt)	Generation of power (Million K. W. H.)	Power purchased (Million K. W. H.)
(1)	(2)	(3)	(4)
1971-72	563.73	1891.60	..
1972-73	563.38	1921.84	..
1973-74	562.68	1834.15	297.36
1974-75	563.13	1522.61	812.46
1975-76	802.92	1566.38	1437.56
1976-77	922.925	1816.311	1271.577
1977-78	922.925	1668.873	1576.548
1978-79	922.925	1771.049	1684.617
1979-80	922.675	2810.004	62.303
1980-81	914.000	3135.403	148.091
1979-80—			
1. Hydro—			
(i) Hirakud	270.000	634.465	..
(ii) Machkund	34.425	325.674	..
(iii) Balimela	360.000	1152.170	..
2. Steam—			
(i) Chaudwar	8.250	Nil	..
(ii) Talcher	250.000	697.695	..
3. (i) Kalinga Iron Works	..	..	1.639
(ii) Bihar State Electricity Board	..	..	19.636
(iii) Andhra State Electricity Board	..	..	41.028
1980-81—			
1. Hydro—			
(i) Hirakud	270.000	1035.369	..
(ii) Machkund	34.000	216.988	137.527
(iii) Balimela	360.000	1139.043	..
2. Steam—			
(i) Chaudwar	..	..	..
(ii) Talcher	250.000	744.003	..
3. (i) Kalinga Iron Works	..	..	0.540
(ii) Bihar State Electricity Board	..	..	8.794
(iii) Andhra State Electricity Board	..	..	1.230

SOURCE—Orissa State Electricity Board

## XIII. POWER

Table No. 13.02

Consumption of Electricity in Orissa

( in Million K. W. H.)

Year/Electricity Division	Consumption of Electricity				
	Domestic	Commercial	Small and Medium Industries	Large Industries	Public Lighting
(1)	(2)	(3)	(4)	(5)	(6)
1971-72	35.51	36.51	41.05	1490.50	5.38
1972-73	37.90	44.36	41.84	1417.10	6.25
1973-74	47.40	40.83	43.72	1313.00	6.95
1974-75	48.85	43.96	54.62	1372.00	9.93
1975-76	61.91	56.17	55.16	1788.34	7.82
1976-77	73.43	55.64	62.90	1791.90	8.72
1977-78	83.744	52.460	67.631	1892.726	7.957
1978-79	110.531	77.574	72.429	1908.486	99.301
1979-80	91.607	59.869	79.184	1592.736	8.400
1980-81	112.073	64.029	84.487	2009.813	9.031
1979-80 —					
Balasore	3.058	2.716	5.411	1.214	0.191
Balasore (Construction)	0.065	0.001	0.403	..	0.001
Bhadrak (Construction)	0.388	0.069	0.565	..	0.005
Balangir	2.795	2.220	2.870	0.550	0.306
Balangir (Construction)	0.616	0.195	2.255	..	0.023
Cuttack (City Distribution)	10.588	6.395	4.216	8.162	1.072
Cuttack	2.475	1.604	2.771	38.685	0.209
Kendrapada	1.974	0.687	2.569	7.783	0.090
Jajpur Road	2.497	1.364	2.041	99.649	0.197
Dhenkanal	1.606	1.025	1.773	131.960	0.250
Angul (Construction)	0.373	0.156	0.446	..	0.036
Talcher (Thermal)	0.279	0.131	0.003	..	..
Ganjam South	8.922	5.165	3.892	0.415	0.483
Ganjam North	4.578	1.677	5.168	45.205	0.494
Bhanjanagar	2.778	1.449	2.653	0.655	0.439
Bhawaniapatna	1.194	0.892	0.944	214.123	0.141
Rayagada (Construction)	0.074	0.017	0.058	..	..
Jeypore	0.366	2.654	3.310	..	0.464
Jeypore (Construction)	0.209	0.034	0.072	..	0.014
Keonjhar	1.888	1.525	1.967	..	0.104
Baripada	2.929	1.938	3.043	1.375	0.271
Puri	5.427	3.721	5.108	1.305	0.574
Khurda	6.499	2.443	5.619	1.547	0.337
Bhubaneswar (Distribution)	11.376	10.371	3.299	4.530	1.154
Khurda (Construction)	1.299	0.328	0.606	..	0.001
Sambalpur	6.684	4.875	5.066	..	0.528
Chiplima	0.042	0.017	0.019	113.291	0.018
Sundargarh	2.689	2.522	4.119	0.585	0.217
Sundargarh (Construction)	0.353	0.042	0.140	475.958	..
Rourkela	2.324	2.032	4.773	166.791	0.122

## XIII. POWER

Table No. 13.02

Consumption of Electricity in Orissa

(in Million K. W. H.)

Year/Electricity Division	Consumption of Electricity				
	Domestic	Commercial	Small and Medium Industries	Large Industries	Public Lighting
(1)	(2)	(3)	(4)	(5)	(6)
1979-80—					
Jagatpur (Construction)	1.080	0.164	1.324	1.719	..
Marshaghai (Construction)	0.251	0.092	0.571	0.002	0.002
Aska (Construction)	0.207	0.016	0.160	..	0.050
Jeypore (Construction)	0.209	0.034	0.072	..	0.014
Phulbani	0.843	0.926	0.458	0.001	0.120
Bargarh	2.881	0.406	1.492	277.231	0.087
1980-81—					
Balasore	4.592	3.348	6.492	2.034	0.301
Balasore (Construction)	0.345	0.045	0.681	..	0.051
Bhadrak (Construction)	0.425	0.074	0.787	..	0.003
Balangir	2.485	2.704	2.397	0.726	0.295
Balangir (Construction)	0.677	0.200	0.962	0.299	0.025
Cuttack (City Distribution)	11.441	6.730	3.903	12.278	1.055
Cuttack	2.830	1.536	2.896	35.938	0.235
Kendrapara	2.226	0.816	2.691	9.493	0.098
Jajpur Road	3.605	1.213	2.977	77.547	0.209
Dhenkanal	1.837	1.239	2.034	294.424	0.277
Angul (Construction)	0.457	0.293	0.470	..	0.040
Talcher (Thermal)	0.344	0.114	0.002	..	..
Ganjam	9.253	4.938	4.473	0.383	0.461
Ganjam (North)	5.038	1.800	5.075	50.259	0.532
Bhanjanagar	3.867	2.111	3.098	0.896	0.524
Bhawanipatana	1.581	1.143	3.060	0.073	0.442
Rayagada (Construction)	0.234	0.118	0.074	..	0.020
Jeypore	4.490	2.993	2.616	277.588	0.500
Jeypore (Construction)	0.205	0.047	0.021	..	0.025
Keonjhar	2.162	1.682	2.692	127.037	0.155
Baripada	4.307	2.220	3.122	1.584	0.246
Baripada	0.075	0.021	0.064	..	0.003
Phulbani	0.983	1.047	0.569	0.004	0.113
Bhubaneswar (Distribution)	15.185	9.289	3.225	4.389	1.655
Puri	6.115	4.653	5.128	1.199	0.547
Khurda (Construction)	5.344	2.564	4.330	2.943	0.372
Sambalpur	5.746	3.205	4.169	359.557	0.314
Bargarh	5.569	2.107	2.506	62.424	0.114
H. G. C., Burla	0.043	0.018	0.018	..	0.018
Sundargarh (Construction)	0.488	0.046	0.188	..	..
Sundargarh	4.536	2.609	4.754	176.050	0.208
Rourkela	3.823	2.693	6.184	509.512	0.125

## XIII. POWER

Table No. 13.02

Consumption of Electricity in Orissa

(In Million K. W. H.)

Year/Electricity Division	Consumption of Electricity				Total
	Public water works	Irrigation	Traction	Bulk supply	
(1)	(7)	(8)	(9)	(10)	(11)
1971-72 ..	19.87	5.39	58.55	47.78	1,740.54
1972-73 ..	19.55	8.29	56.36	31.89	1,663.54
1973-74 ..	21.65	7.90	49.75	312.81	1,844.01
1974-75 ..	20.97	8.88	53.98	19.98	1,630.17
1975-76 ..	26.37	9.04	70.99	441.80	2,517.56
1976-77 ..	27.32	15.05	79.76	32.17	2,146.89
1977-78 ..	24.275	14.486	82.210	27.449	2,252.938
1978-79 ..	25.316	34.280	94.853	31.014	2,453.724
1979-80 ..	28.568	14.264	76.456	46.024	1,926.688
1980-81 ..	33.500	15.895	75.629	40.047	2,444.504
1979-80					
Balasore ..	0.291	0.629	..	..	15.510
Balasore (Construction) ..	0.390	0.032	..	2.326	3.218
Bhadrak (Construction) ..	..	0.735	..	0.196	1.958
Balangir ..	0.405	0.244	36.879	..	46.269
Balangir (Construction) ..	0.018	0.472	..	2.573	6.152
Cuttack (City Distribution)	2.455	0.051	..	..	32.939
Cuttack ..	0.742	0.585	..	5.091	52.162
Kendrapada ..	0.197	1.072	..	..	14.372
Jajpur Road ..	0.149	0.161	..	..	106.058
Dhenkanal ..	0.362	0.352	..	1.000	137.980
Angul (Construction) ..	0.012	0.155	..	..	1.178
Talcher (Thermal) ..	0.153	..	..	..	0.566
Ganjam South ..	0.867	0.610	..	..	20.354
Ganjam North ..	0.219	1.209	..	..	58.550
Bhanjanagar ..	0.206	0.588	..	0.593	9.361
Bhawaniapatna ..	0.175	0.182	..	0.035	217.686
Rayagada (Construction)	..	0.136	..	..	0.285
Jeypore ..	5.457	1.826	..	..	14.077
Keonjhar ..	0.166	0.350	..	6.096	12.096
Baripada ..	..	0.386	..	0.445	10.387
Puri ..	0.901	0.204	..	0.695	17.935
Khurda ..	0.190	1.118	..	3.695	21.449
Bhubaneswar (Distribution)	8.725	0.217	..	3.132	42.804
Khurda (Construction) ..	0.048	0.146	..	..	2.428
Sambalpur ..	2.864	0.738	..	0.170	20.925
Chiplima ..	0.039	..	..	1.901	115.327
Sundargarh ..	0.844	0.759	32.125	..	43.860
Sundargarh (Construction)	0.289	0.059	7.452	2.254	486.557
Rourkela ..	2.218	0.135	..	1.031	179.426

## XIII. POWER

Table No. 13-02

Consumption of Electricity in Orissa

(In Million K. W. H.)

Year/Electricity Division	Consumption of Electricity				
	Public water works	Irrigation	Traction	Bulk supply	Total
(1)	(7)	(8)	(9)	(10)	(11)
1979-80					
Jagatpur (Construction) ..	..	0.324	..	6.445	11.056
Marshaghai (Construction) ..	..	0.252	..	..	1.170
Aska (Construction) ..	..	0.074	—	0.348	0.855
Jeypore ..	..	0.128	..	8.142	8.599
phulbani ..	0.186	0.181	..	0.121	2.836
Baragarh (Construction) ..	..	0.154	..	0.082	282.333
1980-81					
Balasore ..	2.526	..	0.504	1.705	21.502
Balasore (Construction) ..	0.042	..	..	..	1.164
Bhadrak (Construction) ..	0.411	..	..	..	1.700
Balangir ..	0.381	..	0.454	..	9.442
Balangir (Construction) ..	0.221	..	0.009	..	2.393
Cuttack (City distribution) ..	0.060	..	2.534	..	38.001
Cuttack ..	0.388	..	0.714	7.352	51.889
Kendrapada ..	0.522	..	0.197	..	16.083
Jajpur Road ..	0.221	..	0.226	0.598	86.596
Dhenkanal ..	0.369	..	0.301	..	300.481
Anugul (Construction) ..	0.240	..	0.012	0.198	1.710
Talcher (Thermal) ..	0.154	..	..	..	0.614
Ganjam South ..	0.367	..	0.977	0.331	21.183
Ganjam North ..	1.061	..	0.291	0.582	64.638
Bhajanagar ..	1.079	..	0.223	0.059	11.957
Bhawanipatna ..	0.195	..	0.249	0.193	6.944
Rayagada ..	0.191	..	..	..	0.637
Jeypore ..	2.123	..	6.094	10.689	307.093
Jeypore (Construction) ..	0.037	..	..	0.422	0.757
Konjhar ..	0.848	8.098	0.205	..	142.879
Baripada ..	0.233	..	0.435	0.516	11.663
Baripada (Construction) ..	0.018	..	0.021	..	0.282
Phulbani ..	0.272	..	0.243	0.067	3.298
Bhubaneswar (Distribution) ..	0.206	..	10.331	3.199	47.479
Puri ..	0.237	..	0.900	..	18.779
Khurda ..	0.830	..	1.031	3.745	21.159
Sambalpur ..	0.332	..	3.137	1.892	378.352
Bargarh ..	0.212	..	0.106	..	73.038
H. G. C. Burla ..	..	..	0.041	..	0.138
Sundargarh ..	0.110	..	0.017	..	0.849
Sundargarh (Construction) ..	0.716	37.310	1.111	2.365	229.659
Rourkela ..	0.166	30.221	3.086	6.133	561.943

SOURCE—Orissa State Electricity Board

## XIII. POWER

Table No. 13-03

Number of villages electrified and Lift Irrigation points energised in Orissa

Year/District	Number of village electrified		Number of Lift Irrigation points energised	
	During the year	Upto the end of the year	During the year	Upto the end of the year
(1)	(2)	(3)	(4)	(5)
1971-72	2,284	3,819	286	704
1972-73	3,211	7,930	1,006	1,710
1973-74	2,264	9,294	524	2,234
1974-75	2,231	11,525	731	2,965
1975-76	1,549	13,074	851	3,816
1976-77	1,684	14,758	858	4,674
1977-78	1,202	15,960	991	5,665
1978-79	1,520	17,480	2,766	8,431
1979-80	1,752	19,232	3,680	12,111
1980-81	1,721	20,953	3,155	15,266
979-80				
Balasore	225	2,035	260	1,414
Balangir	143	1,078	673	1,742
Cuttack	346	4,043	475	2,303
Dhenkanal	23	1,114	744	1,221
Ganjam	165	1,964	516	2,332
Kalahandi	64	406	96	240
Keonjhar	48	702	35	230
Koraput	165	1,135	213	802
Mayurbhanj	90	1,094	28	187
Phulbani	129	424	61	112
Puri	225	2,753	150	409
Sambalpur	95	1,586	265	693
Sundargarh	34	898	164	426
1980-81				
Balasore	192	2,227	325	1,739
Balangir	92	1,170	451	2,193
Cuttack	206	4,249	414	2,717
Dhenkanal	61	1,175	577	1,798
Ganjam	97	2,061	301	2,633
Kalahandi	124	530	73	313
Keonjhar	76	778	42	272
Koraput	211	1,346	226	1,028
Mayurbhanj	200	1,294	104	291
Phulbani	89	513	35	147
Puri	199	2,952	200	604
Sambalpur	136	1,722	249	942
Sundargarh	38	936	158	584

## XIV. TRADE AND COMMERCE

This chapter presents data on export and import of selected commodities from and to Orissa by rail and inland steamers during the years 1969-70 to 1978-79, sale of petroleum products in Orissa, during the year 1972 to 1981, export and import of commodities from and to Orissa through Paradeep Port, during the year 1976-77 to 1980-81, goods carried by boats and rafts through toll stations and tollage collected in Orissa during the years 1971-72 to 1980-81.

**Export and import of selected commodities by rail and steamers**—There are 67 selected commodities which are exported from and imported to Orissa and from other States by rail and inland steamers. Among them, Cement, Coal, Coke, Gram and Gram products, Pulses, Rice, Wheat, Iron and Steel bar, Manganese Ores, Salt, Kerosene Oil, Brick Timber, Sugar, Gur, Molases, Lime and Limestone are the major items. The export of cement has increased from 4.39 lakh tonnes in 1976-77 to 5.44 lakh tonnes during the year 1977-78, recording an increase of 24 per cent. But during the year 1978-79 it has come down to 4.92 lakh tonnes. Notwithstanding its exportable surplus, Orissa is also importing Cement from other States and countries. The quantity of import of cement by rails has appreciably decreased from 1.22 lakh tonnes in 1969-70 to 36 thousand tonnes in the year 1977-78. Then it has increased to 1.09 lakh tonnes during the year 1978-79 due to heavy demand. This shows a net export of cement to an extent of 4.89 lakh tonnes during the year 1978-79.

Coal including coke is a major item of import. Its import to Orissa has increased from 23.41 lakh tonnes in the year 1969-70 to 27.50 lakh tonnes during the year 1978-79. Orissa exports coal and coke to other States.

It has exported 9.96 lakh tonnes during the year 1978-79. This shows a net import of 17.54 lakh tonnes in the same year.

The import of rice was 41.8 thousand tonnes as against export of 69.2 thousand tonnes during the year 1978-79 recording a net export of 27.4 thousand tonnes. The export of rice was highest (195 thousand tonnes) during the year 1970-71. The export of rice has suffered a serious set back from the year 1972-73 due to State Government policy not to export rice to other States in order to meet the internal requirement. The export of paddy has gradually increased.

The import of wheat has increased from 91 thousand tonnes in the year 1969-70 to 3 lakh tonnes in 1975-76. Its import has come down to 69 thousand tonnes during the year 1977-78. But it has increased to 1.88 lakh tonnes during the year 1978-79. The decrease for the year 1977-78 is due to road transport facilities available for carrying goods quickly from State to State. Though wheat is not a major item of export from Orissa, 12 thousand tonnes has been exported during the year 1978-79. Iron and steel bar is a major item of export and import trade of Orissa through rail. Its export and import have increased remarkably during the period from 1975-76 to 1977-78. Orissa exported 12.5 lakh tonnes of iron and steel bar as against import of 3.8 lakh tonnes during the year 1977-78. But its import and export figures have tremendously decreased during the year 1978-79. The export of manganese-ores, bricks, timber, lime and lime-stones was 1.45 lakh, 1.13 lakh, 2.29 lakh, 8.17 lakh tonnes respectively as against import of 27 thousand, 23 thousand, 6 thousand and 1.62 lakh tonnes during the year 1978-79. Salt, sugar, gur and molases are major items of import of Orissa. Their import was 1.97 lakh, 82 thousand, 17 thousand and 13 thousand tonnes during the year 1978-79, as against 2.56 lakh, 89 thousand, 22 thousand and 17 thousand tonnes in the preceding year.

**Sale of Petroleum**—There was remarkable decrease in the sale of petroleum in Orissa from 37 thousand kilolitres in 1972 to 29 thousand kilolitres in 1980 and it has increased to 32 thousand kilolitres in 1981. The sale has declined due to use of motor vehicles moved by diesel. The sale of high speed diesel was 233 thousand kilolitres during the year 1981 as against 208 thousand kilolitres in the previous year, recording an increase of 12 per cent.

**Export and import through Paradeep port**—The major items of commodities exported through Paradeep Port during the year 1980-81 are iron ore, chrome ore and iron scrap. The export of these items during 1980-81 was 16.50 lakh, 1.28 lakh, 11 thousand tonnes respectively as against 13.63 lakh, 1.51 lakh and 21 thousand tonnes in the previous year recording an increase of 21 per cent for iron ore and respective decrease of 15 per cent and 45 per cent for chrome ore and iron scrap. The major items of import are Fertilisers, Cement and Coal. Their import was 79 thousand, 98 thousand and 74 thousand tonnes during the year 1980-81 as against 41 thousand, 17 thousand and 1.48 lakh tonnes in the year 1979-80 respectively. Thus the increase in import of Fertilisers and Cement, was 94 per cent and 4.79 per cent respectively and decrease in import of Coal was to an extent of 50 per cent.

**Goods carried by boats and rafts with tollages collected**—Rice, Paddy, other foodgrains, spices, sugar oil seeds, building materials are generally carried by boats and rafts. Due to road transport facility and quick marketing of goods, material carried by boats and rafts is gradually diminishing. During the year 1981, 0.8 thousand tonnes of rice and paddy amounting to Rs. 78 thousand has been carried by boats. Quantities of these goods carried by boats during 1981, are very negligible.

Quantity and value of bamboos carried by rafts during the year 1981 is 125 Cft. amounting to Rs.2000 only. The amount of tollage collected during the year 1981 was Rs. 5,278. Total number of boats plying during 1981 was 1,466.

*Expansion of Paradeep Port*—Paradeep Port is expanding rapidly. The second general cargo berth has come up and the work of third has already started. Work of Fertiliser berth has also commenced. Another berth for a steel and a fishing harbour are likely to come up soon. Orissa has been a traditional exporter of Iron ore, Manganese ore and chromite. With commissioning of a deep draft port at Paradeep in 1966, Iron ore produced from the mines in Daitari, Gorumahisani, Badampahar, Barbil and Bansapani regions found out-let to the over seas market.

*Marketing facility for tribal areas*—A Tribal Development Co-operative Corporation has been set up since 1972 in the State to purchase the surplus agricultural produces and minor forest products from the tribals at reasonable price, arrange their marketing and supply essential commodities and other consumer goods to the tribals at a reasonable price through a net work of fair price shops in tribal areas. The Orissa Scheduled Caste Finance Co-operative Corporation Ltd. (OSCFCC) has been established since 1979 for providing margin money and assisting the Scheduled Castes in respect of economically viable programmes.





## XIV. TRADE AND COMMERCE

Table No. 14-01

Export and import of selected commodities moving by rail and inland steamer from and to Orissa

Type of trade and year	Live-stock in Nos.				Bones in M. T.	Cement in M. T.	Coal and Coke in M. T.
	Cattle (Excluded sheep & goats)	Horses	Sheep & goats	Others			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>Export</b>							
1969-70 ..	12,120	..	1,869	210	796	492,676	246,587
1970-71 ..	8,605	..	1,314	176	743	461,725	239,096
1971-72 ..	11,249	..	1,461	501	1,559	498,761	376,732
1972-73 ..	15,939	220	1,878	445	1,401	499,495	301,135
1973-74 ..	8,459	15	2,355	907	1,291	403,905	464,745
1974-75 ..	9,557	98	1,550	755	2,245	349,696	540,138
1975-76 ..	23,021	..	2,628	962	744	505,788	636,682
1976-77 ..	1,682	..	457	446	1,843	438,540	662,410
1977-78 ..	12,632	10	—	9	3,346	544,018	744,385
1978-79 ..	13,781	8	52	25	2,345	492,185	995,926
<b>Import</b>							
1969-70 ..	2,928	..	222	700	192	131,863	2,341,035
1970-71 ..	4,842	..	2,102	785	220	108,932	2,512,089
1971-72 ..	2,046	..	5,195	1,732	36	119,698	2,335,274
1972-73 ..	2,330	..	5,691	1,102	300	76,810	2,646,297
1973-74 ..	1,721	..	1,200	196	32	57,832	2,687,190
1974-75 ..	1,517	..	1,561	168	4	39,323	2,769,868
1975-76 ..	1,671	..	2,535	619	7	62,971	2,950,042
1976-77 ..	1,586	..	471	269	416	48,318	2,800,486
1977-78 ..	2,117	..	—	145	535	36,049	3,013,416
1978-79 ..	3,742	..	64	150	307	109,170	2,750,409

## XIV. TRADE AND COMMERCE

Table No. 14-01

Export and Import of selected commodities moving by rail and inland steamer from and to Orissa  
( Fig. in M. T. )

Type of Trade and Year	Coffee	Cotton Twist and yarn		Cotton Piece Goods		Fruits dried	Food grains, pulses and flour	
		Foreign	Indian	Foreign	Indian		Grams gram products	Pulses other than gram and gram products
(1)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Export								
1969-70	..	9	291	21	631	1,119	31,441	3,013
1970-71	..	14	47	153	105	538	1,942	33,872
1971-72	..	315	994	80	754	1,659	22,705	4,069
1972-73	..	15	43	952	1	222	2,651	34,167
1973-74	..	19	..	105	45	69	698	29,352
1974-75	..	..	..	185	..	280	851	29,366
1975-76	..	22	2	36	21	186	603	27,672
1976-77	..	..	..	672	..	25	218	29,959
1977-78	..	..	..	154	..	39	33	26,782
1978-79	..	176	17	149	62	22	13	54,168
Import								
1969-70	..	7	2	913	..	994	333	10,375
1970-71	..	11	2	689	1	815	589	14,517
1971-72	..	34	22	494	108	652	582	17,953
1972-73	..	13	5	485	..	447	435	13,946
1973-74	..	10	1	122	..	298	750	11,137
1974-75	..	28	13	102	1	651	263	9,967
1975-76	..	56	1	140	..	190	457	11,459
1976-77	..	1	4	150	34	246	63	29,800
1977-78	..	24	32	151	25	262	48	30,156
1978-79	..	61	45	55	17	334	7	26,599

## XIV. TRADE AND COMMERCE

Table No. 14-01

Export and Import of selected commodities moving by rail and inland steamer from and to Orissa

( Fig. in M. T. )

Type of Trade and Year	Food grains, pulses and flour					
	Maize	Jowar	Bajra	Millets other than jowar and bajra	Rice in the husk	Rice not in the husk
(1)	(17)	(18)	(19)	(20)	(21)	(22)
<b>Export</b>						
1969-70	2,170	1,601	125	22	115	2,09,711
1970-71	1,510	1,725	40	..	..	1,95,365
1971-72	5,021	2,103	51	23	48	1,21,784
1972-73	3,451	5,633	699	133	16	6,066
1973-74	5,924	9,422	116	..	187	92,202
1974-75	7,167	6,530	190	240	103	6,958
1975-76	13,962	37,680	24	5	173	3,548
1976-77	7,450	3,857	44	16	300	61,684
1977-78	7,376	2,228	4	12	1,656	28,999
1978-79	4,721	669	300	52	883	69,224
<b>Import</b>						
1969-70	150	12	29	24	268	4,352
1970-71	172	78	136	6	134	16,231
1971-72	175	86	75	20	885	29,537
1972-73	5,122	105	62	27	531	89,855
1973-74	96	42	34	27	162	2,182
1974-75	390	390	99	..	4,339	13,911
1975-76	74	58	69	16	13,823	43,373
1976-77	1,717	137	55	11	9,880	5,038
1977-78	187	56	24	143	9,244	2,767
1978-79	242	68	34	3	14,213	41,820

## XIV. TRADE AND COMMERCE

Table No. 14-01

Export and Import of selected commodities moving by rail and inland steamer from and to Orissa

( Fig. in M. T. )

Type of Trade and Year	Food grains, pulses and flour			Dyes and Tans (Myrobalans)	Class	Hemp, Indian and other fibres excluding cotton and Jute	Hides (Raw)
	Wheat	Wheat flour	Other sorts				
(1)	(23)	(24)	(25)	(26)	(27)	(28)	(29)
<b>Export</b>							
1969-70 ..	220	707	7,407	367	3,799	451	2,403
1970-71 ..	249	11,875	3,868	1,629	4,370	901	2,992
1971-72 ..	489	19,034	7,583	3,340	4,238	585	3,407
1972-73 ..	774	7,334	6,416	2,317	3,576	368	3,368
1973-74 ..	1,561	68	9,414	1,270	5,070	1,026	2,670
1974-75 ..	802	10	9,231	1,082	6,515	650	3,034
1975-76 ..	55	31	3,690	842	3,298	699	3,021
1976-77 ..	8,585	3,856	4,032	972	1,798	373	2,855
1977-78 ..	23,679	7,953	1,830	1,819	1,416	913	3,002
1978-79 ..	11,666	1,141	1,040	1,062	1,845	393	2,468
<b>Import</b>							
1969-70 ..	91,358	2,054	4,738	101	1,699	9	139
1970-71 ..	1,12,118	11,059	3,577	24	1,627	54	158
1971-72 ..	2,05,084	14,818	4,207	..	1,479	492	86
1972-73 ..	2,59,442	9,221	3,013	..	1,180	1,489	77
1973-74 ..	1,68,036	5	2,110	1	1,140	640	41
1974-75 ..	2,43,822	384	4,644	1	637	648	591
1975-76 ..	3,00,708	368	3,569	84	704	20	27
1976-77 ..	49,628	811	10,777	3	438	44	12
1977-78 ..	69,208	4,504	4,206	7	625	13	114
1978-79 ..	1,88,070	2,937	1,403	285	831	77	88

## XIV. TRADE AND COMMERCE

Table No. 14-01—Contd.

Export and Import of selected commodities moving by rail and inland steamer from and to Orissa

( Fig. in M. T. )

Type of Trade and Year	Skin (Raw)	Hides and skins tanned and leather	Jute (Raw) loose	Jute Raw pucca Bales	Gunny bags and cloths	Iron and Steel Bar	Lacand shellac
(1)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
Export							
1969-70 ..	62	10	272	20,589	1,783	1,023,651	60
1970-71 ..	77	26	45	19,425	3,501	898,570	75
1971-72 ..	19	22	124	38,523	1,811	873,018	84
1972-73 ..	9	19	141	13,881	1,533	1,070,806	69
1973-74 ..	5	20	641	19,791	2,137	948,671	124
1974-75 ..	13	1	947	18,719	1,702	936,793	79
1975-76 ..	2	6	199	14,060	3,238	1,260,869	357
1976-77 ..	1	31	177	7,640	2,043	1,223,452	105
1977-78 ..	22	230	274	10,033	2,969	1,252,453	78
1978-79 ..	4	30	189	5,114	2,633	893,255	153
Import							
1969-70 ..	8	58	31	202	10,296	104,273	15
1970-71 ..	1	49	188	84	12,310	120,286	44
1971-72 ..	1	67	183	224	9,042	208,200	16
1972-73 ..	1	39	773	69	11,893	206,494	2,233
1973-74 ..	..	75	130	496	8,916	172,848	49
1974-75 ..	..	60	110	13	6,558	192,774	1
1975-76 ..	74	25	714	608	9,589	300,755	24
1976-77 ..	..	3	500	751	8,930	515,095	88
1977-78 ..	1	..	4	1,233	9,785	380,392	37
1978-79 ..	..	2	16	1,671	7,400	242,122	96

## XIV. TRADE AND COMMERCE

Table No 14-01—Contd.

Export and Import of selected commodities moving by rail and inland steamer from and to Orissa  
(Fig. in M. T.)

Type of Trade and Year	Manganese ore	Salt	Oil Kerosene	Vegetable Oils				Oil-Seeds
				Castor	Cocoanut	Groundnut	Others	
(1)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)
<b>Export</b>								
1969-70 ..	1,674,054	422	32	6	..	21	3,806	1,137
1970-71 ..	489,798	..	101	3	..	32	2,183	683
1971-72 ..	212,933	161	55	..	19	27	1,024	258
1972-73 ..	242,475	409	1,751	1	..	29	1,317	539
1973-74 ..	186,000	1,615	1	..	..	36	1,306	269
1974-75 ..	238,962	2,840	..	15	..	20	2,261	473
1975-76 ..	221,875	658	..	..	..	2	4,363	393
1976-77 ..	201,275	73	4	..	..	15	5,196	131
1977-78 ..	172,164	472	..	..	..	13	3,651	82
1978-79 ..	144,517	1,205	426	2	..	76	10,545	31
<b>Import</b>								
1969-70 ..	325,337	148,190	65,928	1,495	2,401	2,935	12,248	6
1970-71 ..	99,562	34	66,285	1,581	2,163	3,700	11,705	14
1971-72 ..	54,825	175,588	70,918	1,746	2,614	6,683	11,500	431
1972-73 ..	78,910	139,681	59,815	1,090	2,263	3,687	8,955	699
1973-74 ..	68,313	116,378	60,178	1,309	2,013	1,422	4,748	37
1974-75 ..	69,252	137,149	53,812	660	846	642	3,224	6
1975-76 ..	63,168	161,838	60,880	312	1,023	1,034	5,607	101
1976-77 ..	27,810	232,214	55,355	179	1,612	1,027	9,415	6
1977-78 ..	23,098	256,420	58,734	710	2,136	1,929	3,595	45
1978-79 ..	26,830	196,714	117,882	987	2,215	2,575	2,927	30

## XIV. TRADE AND COMMERCE

Table No. 14-01—Contd.

Export and Import of selected commodities moving by rail and inland steamer from and to Orissa  
( Fig. in M. T. )

Type of Trade and Year		Oil-Seeds					Oil Cakes		
		Cotton	Ground- nut	Linseed	Rape and mustard	Til or Jinjili	Castor	Others	Ghee
		(1)	(45)	(46)	(47)	(48)	(49)	(50)	(51)
Export									
1969-70	..	67	568	705	2,670	3,344	56	7,408	..
1970-71	..	17	334	431	1,269	1,180	56	5,413	..
1971-72	..	28	243	897	2,590	1,658	..	6,407	1
1972-73	..	18	283	574	1,946	4,055	..	16,155	..
1973-74	..	6	654	1,119	2,725	5,310	16	19,537	19
1974-75	..	23	1,450	934	1,326	8,958	16	30,817	19
1975-76	..	20	566	3,265	4,709	8,839	43	21,519	2
1976-77	..	119	476	1,360	2,429	2,205	..	30,707	..
1977-78	..	180	132	250	347	1,696	14	28,993	..
1978-79	..	10	168	816	1,797	4,594	..	24,950	N. A.
Import									
1969-70	..	47	190	87	2,653	62	94	5,027	42
1970-71	..	55	267	20	3,660	297	47	4,763	54
1971-72	..	683	192	55	4,347	195	10	5,200	79
1972-73	..	10	214	117	4,734	94	21	4,435	26
1973-74	..	83	111	99	3,841	115	90	4,817	56
1974-75	..	8	557	62	5,965	19	..	5,037	111
1975-76	..	22	1,952	24	8,629	290	24	7,020	13
1976-77	..	11	2,175	626	6,595	509	49	6,291	26
1977-78	..	53	1,208	156	5,122	798	5	7,202	..
1978-79	..	331	1,178	121	5,378	154	21	8,283	..

## XIV. TRADE AND COMMERCE

Table No. 14.01—Contd.

Export and Import of selected commodities moving by rail and inland steamer from and to Orissa

(Fig in M. T.)

Type of Trade & Year	Rubber (Raw)	Tea	Tobacco (Raw)	Sugar				
				Sugar excluding khadasari sugar	Khadasari sugar	Gur Jaggery and Gur Sakar	Molases	Wood & timber (Teak)
(1)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)
Export								
1969-70 ..	..	17	72	416	77	232	756	321
1970-71 ..	..	40	108	277	12	188	938	539
1971-72 ..	1	1	77	630	—	64	843	924
1972-73 ..	..	16	108	236	157	208	442	2,871
1973-74 ..	92	..	178	283	97	80	251	333
1974-75 ..	44	—	184	352	32	143	131	650
1975-76 ..	..	1	73	435	106	147	204	203
1976-77 ..	..	139	37	431	168	172	76	75
1977-78 ..	..	19	54	335	1	79	109	188
1978-79 ..	..	..	..	584	202	25	68	22,924
Import								
1969-70 ..	..	419	3,549	34,898	311	8,771	3,491	528
1970-71 ..	34	388	3,277	41,108	1,036	8,028	4,406	130
1971-72 ..	..	426	2,229	48,796	626	9,256	5,347	190
1972-73 ..	..	288	2,179	37,599	1,043	7,974	4,527	154
1973-74 ..	..	99	2,261	51,915	906	10,398	6,153	226
1974-75 ..	..	228	2,214	49,799	2,202	10,297	6,682	105
1975-76 ..	..	427	1,527	69,206	1,936	12,603	13,824	208
1976-77 ..	6	558	1,776	79,067	1,417	19,888	14,779	144
1977-78 ..	24	477	1,500	89,394	838	22,174	17,451	62
1978-79 ..	..	18	834	82,309	1,828	17,122	13,210	5,927



## XIV. TRADE AND COMMERCE

Table No. 14.01—Concl'd.

Export and Import of selected commodities moving by rail and inland steamer from and to Orissa

(Fig. in M. T.)

Type of Trade & Year	Bricks	Other timber	Wool (Raw)	Lime and Lime Stones	Tiles	Raw cotton			
						Indian Lint	Foreign lint	Kapas	
(1)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	
Export									
1969-70	..	1,24,983	1,74,905	19	10,65,249	264	16	1	686
1970-71	..	1,44,996	1,43,630	..	10,34,963	48	18	..	216
1971-72	..	1,56,574	1,63,752	..	10,04,070	245	49	..	321
1972-73	..	1,53,833	1,73,132	22	10,03,569	410	20	17	361
1973-74	..	1,38,176	1,40,050	84	8,82,014	245	115	34	968
1974-75	..	1,60,318	1,49,078	29	10,82,265	40	81	29	912
1975-76	..	1,67,299	1,78,671	10	9,63,651	141	719	41	1,237
1976-77	..	1,42,294	2,20,667	..	10,34,360	238	1,411	22	124
1977-78	..	1,43,146	2,35,647	..	9,96,328	80	1,124	23	104
1978-79	..	1,13,272	2,28,582	18	8,16,758	247	190*	41*	6*
Import									
1969-70	..	70,048	12,580	32	3,18,471	2,231	7,963	111	2,602
1970-71	..	10,371	7,140	17	2,99,654	1,746	4,173	41	3,056
1971-72	..	25,164	8,867	98	2,66,063	2,281	5,869	32	1,995
1972-73	..	44,454	8,386	11	3,62,380	2,280	11,270	72	1,018
1973-74	..	15,364	5,601	41	3,42,580	1,721	9,355	40	1,366
1974-75	..	12,508	6,091	7	3,56,971	1,663	8,580	7	1,701
1975-76	..	18,713	6,021	34	3,88,623	1,190	9,970	19	1,588
1976-77	..	31,589	3,888	..	2,92,834	678	8,279	6	1,000
1977-78	..	24,634	6,533	56	2,24,853	1,939	6,820	..	349
1978-79	..	23,357	5,884	..	1,62,203	902	8,922*	20*	63*

SOURCE—Accounts relating to inland (Rail and River borne) Trade of India issued by Director General, Commercial Intelligence, Calcutta.

\*Figures relate to September, 1977 to August, 1978

## XIV. TRADE AND COMMERCE

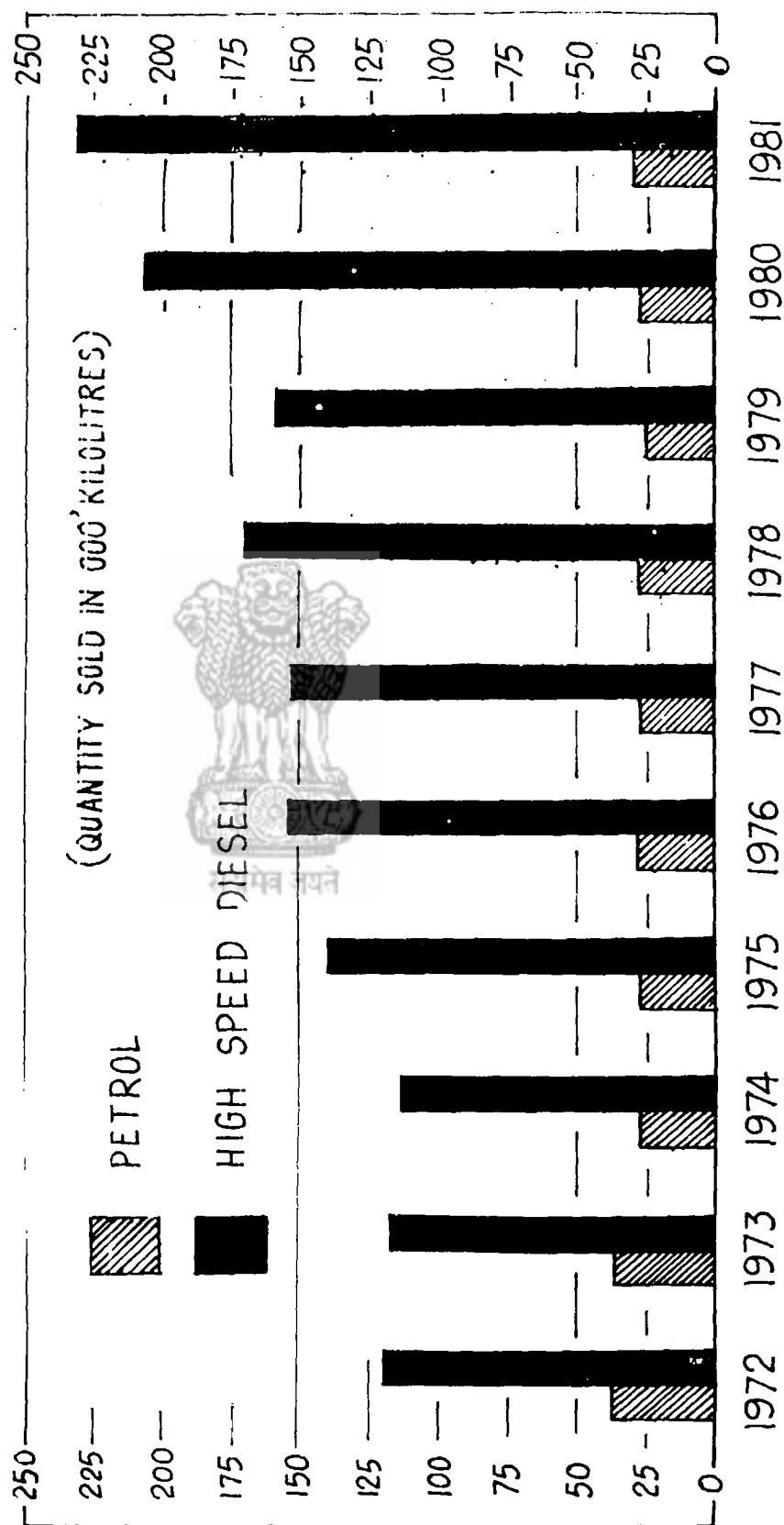
Table No. 14.02

Sales of petroleum in Orissa

Year	Number of Companies	Quantity sold (Kilo litres)			
		Petrol	Highspeed diesel	Light diesel oil	Kerosene oil
(1)	(2)	(3)	(4)	(5)	(6)
1972	4	37,132	121,467	2,527	..
1973	4	37,584	118,704	2,188	..
1974	4	28,749	115,023	2,042	..
1975	4	27,736	138,023	1,239	..
1976	4	30,420	156,838	4,299	..
1977	4	29,794	153,118	7,489	..
1978	4	29,060	170,407	6,499	..
1979	3	26,585	164,263	5,732	..
1980	3	29,013	207,779	4,215	66,304
1981	3	31,975	233,205	7,819	144,138
1980—					
1. Indian Oil Ltd.	..	11,685	125,285	519	66,304
2. Bharat Petroleum Corporation Ltd.	..	10,906	44,852	..	..
3. Hindustan Petroleum Ltd.	..	6,422	37,642	3,696	..
1981—					
1. Indian Oil Ltd.	..	13,078	126,651	2,767	73,637
2. Bharat Petroleum Corporation Ltd.	..	11,624	64,270	..	7,057
3. Hindustan Petroleum Ltd.	..	7,273	42,284	5,052	..

SOURCE—Caltex India Ltd., Bombay, Bharat Refineries, Calcutta, Hindustan Petroleum Corporation Ltd., Secunderbad and Indian Oil Corporation, Calcutta.

## SALE OF PETROL & HIGH SPEED DIESEL IN ORISSA



## XIV. TRADE AND COMMERCE

Table No. 14-03

Commodities exported from and imported to Orissa through Paradeep Port

Type of trade/ commodity	Quantity of commodity exported/imported in metric tonnes during the year				
	1976-77	1977-78	1978-79	1979-80	1980-81
*(1)	(2)	(3)	(4)	(5)	(6)
<b>Export</b>					
1. Iron Ore ..	23,22,481	21,96,688	36,26,207	13,63,399	16,49,529
2. Manganese Ore ..	30	4,469	..	..	..
3. Chromite Ore ..	2,38,662	82,452	..	..	..
4. Pig Iron ..	2,14,036	2,18,058	1,06,267	22,367	..
5. Steel tubes ..	46,064	41,778	64,19	..	..
6. Sugar ..	14,056	..	21,976	..	..
7. Fish ..	446	1,536	2,674	..	409
8. Coal ..	2,23,512	46,222	..	..	..
9. Miscellaneous ..	33,914	32,135	5,914	7,821	4,036
10. Ferro chrome ..	44,460	3,588	2,020	..	..
11. Iron scrap ..	..	31,822	..	20,618	11,298
12. Chrome Ore ..	..	..	1,10,157	1,51,094	1,27,762
<b>Import</b>					
1. Foodgrains ..	1,19,988	32,381	..	..	..
2. Fertilisers ..	9,072	28,352	69,034	40,868	79,312
3. Miscellaneous ..	15,069	18,539	83,385	4,106	51
4. Carecargo ..	..	..	27,042	26,310	29,915
5. Cement ..	..	..	..	16,867	97,729
6. Coal ..	..	..	..	1,47,619	73,954
7. Maggasite ..	..	..	..	38,112	25,646
8. Iron and steel ..	..	..	..	47,848	..

SOURCE—Bulletin, Paradeep Port News, Published by Paradeep Port Trust.

## XIV. TRADE AND COMMERCE

Table No. 14-04

Quantity and value of goods carried by Boat and Rafts through Toll Stations in Orissa

Goods carried by Boats							
Year	No. of Divisions Reporting	Rice and Paddy		Other Foodgrain		Salt	
		Quantity in Tons	Value in Rs.	Quantity in Tons	Value in Rs.	Quantity in Tons	Value in Rs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1972	4	2,661	23,66,450	2,371	11,03,200	180	31,580
1973	4	1,396	9,50,535	8,692	8,19,410	281	8,18,885
1974	4	2,594	15,72,640	282	3,86,900	204	94,400
1975	4	1,907	9,05,671	1,284	7,92,135	122	29,800
1976	4	1,359	10,38,506	500	4,28,975	86	30,500
1977	4	880	5,87,040	956	5,14,306	95	31,400
1978	4	3,298	34,54,591	1,380	17,91,090	101	50,550
1979	4	1,385	14,77,037	427	4,31,500	213	95,720
1980	1	549	7,70,660	116	1,85,490	35	19,440
1981	1	837	7,87,820	141	2,73,600	22	11,175

Spices      Sugar      Oil Seeds							
Year	No. of Divisions Reporting	Spices		Sugar		Oil Seeds	
		Quantity in Tons	Value in Rs.	Quantity in Tons	Value in Rs.	Quantity in Tons	Value in Rs.
(1)	(2)	(9)	(10)	(11)	(12)	(13)	(14)
1972	4	20,590	4,14,92,070	1,076	8,11,000	153	1,60,400
1973	4	1,757	25,29,000	700	3,87,870	79	1,67,130
1974	4	2,112	30,21,651	989	53,93,500	12	2,200
1975	4	1,458	22,27,820	723	4,54,300	266	6,250
1976	4	1,322	22,30,300	521	3,23,600	1	1,000
1977	4	1,183	34,58,800	662	5,36,800	131	1,89,140
1978	4	618	9,12,000	469	3,93,200	254	5,24,800
1979	4	756	11,70,200	167	1,34,500	28	1,56,580
1980	1	404	7,08,200	..	..	22	62,750
1981	1	340	5,35,900	7	31,500	37	1,19,000

## XIV. TRADE AND COMMERCE

Table No. 14-04

Quantity and Value of Goods carried by Boats and Rafts through Toll Stations in Orissa

Year	No. of Division Reporting	Goods Carried by Boats						
		Building Materials		Coal and Coke		Hides and Skin		
		Quantity in Tons	Value in Rs.	Quantity in Tons	Value in Rs.	Quantity in Tons	Value in Rs.	
		(15)	(16)	(17)	(18)	(19)	(20)	
(1)	(2)	(15)	(16)	(17)	(18)	(19)	(20)	
1972	..	4	10,273	7,74,720	306	62,830	21	26,200
1973	..	4	5,212	5,89,985	223	1,14,730	78	60,100
1974	..	4	3,140	2,90,880	37	25,000	30	31,300
1975	..	4	4 579	6,12,346	105	48,800	1,191	73,565
1976	..	4	4 032	7,80,090	201	1,11,290	29	29,000
1977	..	4	9,568	12,30,830	167	58,100	..	..
1978	..	4	8,247	10,83,735	240	1,69,850	..	..
1979	..	4	3,782	5,12,095	156	1,15,980	..	..
1980	..	1	1,786	2,66,285	74	71,000	..	..
1981	..	1	280	1,91,375	105	1,16,380	..	..

सत्यमेव जयते

Year	No. of Divisions Reporting	Metal		Jute		Timber		
		Quantity in Tons	Value in Rs.	Quantity in Tons	Value in Rs.	Quantity in Tons	Value in Rs.	
		(21)	(22)	(23)	(24)	(25)	(26)	
1972	..	4	4,967	1,16,680	2,123	19,50,140	334	98,500
1973	..	4	3,418	45,890	1,210	12,82,090	526	1,71,130
1974	..	4	2,082	78,608	2,260	32,05,950	129	53,225
1975	..	4	1,950	1,33,310	937	13,71,300	579	1,81,290
1976	..	4	642	39,000	212	4,35,490	329	1,17,600
1977	..	4	243	38,110	843	14,40,000	503	2,19,450
1978	..	4	460	4,23,800	660	7,99,095	305	4,31,700
1979	..	4	112	17,010	113	1,95,500	58	17,500
1980	..	1	12	1,750	4	8,600	30	10,900
1981	..	1	1	2,000	10	20,400	68	26,150

## XIV. TRADE &amp; COMMERCE

Table No. 14-04

Quantity and value of goods carried by Boats and Rafts through toll stations in Orissa

Year	No. of Divisions Reporting	Goods Carried by Boats					
		Bamboos		Miscellaneous		Total	
		Quantity in Tons	Value in Rs.	Quantity in Tons	Value in Rs.	Quantity in Tons	Value in Rs.
(1)	(2)	(27)	(28)	(29)	(30)	(31)	(32)
1972	4	89	32,900	14,634	37,93,502	59,777	5,28,20,172
1973	4	43	8,570	76,130	19,60,830	91,921	91,09,155
1974	4	87	25,990	4,221	18,92,115	17,178	1,42,74,359
1975	4	61	6,250	5,367	40,46,935	20,519	1,09,59,832
1976	4	27	5,700	3,538	27,38,560	12,799	83,09,611
1977	4	509	1,21,750	8,030	46,96,760	23,770	1,31,22,486
1978	4	59	9,400	10,066	69,63,540	2,61,582	1,70,07,351
1979	4	46	12,000	5,480	36,51,452	12,722	78,87,074
1980	1	1	750	1,472	11,30,850	4,505	32,36,675
1981	1	12	2,900	2,026	12,05,425	3,887	33,23,625

Year	No. of Divisions reporting	Goods carried by Rafts					
		Timber		Bamboos		Total	
		Quantity in Cft.	Value in Rs.	Quantity in Cft.	Value in Rs.	Quantity in Cft.	Value in Rs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1972	4	6,219	17,140	94,016	1,34,868	1,00,235	1,52,008
1973	4	5,246	16,533	40,367	81,487	45,609	98,020
1974	4	163	1,700	2,937	32,159	3,105	33,859
1975	4	746	51,870	1,25,301	2,43,359	1,25,041	2,95,229
1976	4	4,514	23,930	72,451	2,48,950	76,955	2,72,880
1977	4	3,258	25,500	1,59,337	4,95,883	1,62,595	5,22,383
1978	4	948	4,900	40,482	2,10,095	41,430	2,14,995
1979	4	..	..	9,301	55,115	9,301	55,115
1980	1	..	..	11,279	72,800	11,279	72,800
1981	1	..	..	125	2,000	125	2,000

## XIV. TRADE &amp; COMMERCE

Table No. 14-05

Tollage of Cargoes Collected in Orissa

Year	No. of Division reporting	Total number of Boat playing cargo	Tollage collected including fine and sundries in Rs.
(1)	(2)	(3)	(4)
1972	4	8,260	61,254
1973	4	6,768	40,292
1974	4	7,252	45,273
1975	4	5,483	33,104
1976	4	3,075	22,329
1977	4	6,083	35,280
1978	4	6,497	31,029
1979	4	3,286	15,644
1980	1	1,256	8,902
1981	1	1,466	5,278

Source—: 1. Reporting Division for the period 1972 to 1979

1. Mohanadi South Division

2. Mohanadi North Division

3. Kendrapara Division

4. Balasore Division

2. Reporting Division for the period 1980 and 1981

1. Mohanadi South Division

3. Figures for the years from 1979 to 1981 are provisional



## XV. BANKING

This chapter comprises six of statistical Tables presenting data on distribution of deposits and advances of the Scheduled Commercial Banks by population group and bank group deposits by type and outstanding credits by bank group and classification of number of accounts and deposits by occupation in the State of Orissa for the years 1973-74 to 1979-80. The data presented were as on the last Friday of June of each year.

A sound banking system is the backbone of developing economy. Besides financing the trade and industry, the banks perform other business of accepting deposits, making advances, negotiating bills and advancing loans to the farmers. Since the year of nationalisation of 20 major Scheduled Banks and the introduction of leadbank scheme by the Reserve Bank of India, there has been a rapid expansion of banks in the country with the sharp increase in total deposits and advances. The progress made in Orissa as outlined below has been very impressive during the last decade and a half.

*Number of Banks with their Deposits and Advances*—There were 824 Scheduled Commercial Banks in Orissa in the year 1979-80 as against 724 in the year 1978-79 recording 13 per cent increase. Of the 824 banks functioning in June 1980, 543 were in rural areas, 166 in semi urban areas and 115 in urban areas. The bank deposits were Rs. 358.30 crores by the end of June 1980 as against Rs. 283.50 crores, June of the year 1979 recording 26 per cent increase. The deposits per bank were, thus estimated at Rs. 39 lakhs in the year 1978-79 as against Rs. 43 lakhs in the year 1979-80. It indicates the deposits made with banks have increased in proportion to the increase in number of banks. In 1979-80 the first position has been secured by Cuttack and last position by Phulbani among the districts in respect of expansion of banks, their deposits and advances. There were 147 banks in Cuttack district with total deposits of Rs. 74.06 crores and advances of Rs. 49.36 crores where as Phulbani district had only 22 banks with total deposits of Rs. 4.04 crores and advances of Rs. 2.56 crores in 1979-80.

The deposits of the Scheduled Commercial Banks are of four types as current deposits, Savings deposits, Fixed deposits and other deposits. The share of current, savings and fixed deposits are respectively 18.76 per cent, 28.19 per cent, 53.21 per cent, of the total deposits in the year 1979-80 as against 21.23 per cent, 27.62 per cent and 51.14 per cent in the year 1978-79. Such deposits of banks have increased substantially in the year 1979-80 over those of the previous year by 12 per cent, 29 per cent and 31 per cent respectively.

The analysis of the fixed deposits by bank groupwise shows that the increase in percentage of fixed deposits of all the Commercial Scheduled Banks was mainly due to the increase in percentage of fixed deposits of other Scheduled Commercial Banks.

Bank advances were Rs. 181.91 crores in 1978-79 as against Rs. 219.05 crores in 1979-80 recording 20 per cent increase and the proportion of bank advances to the deposits stood at 61.14 per cent in 1979-80 as against the advance, deposits ratio of 64.17 per cent in 1978-79. Of the total amount advanced by all the Scheduled Commercial Banks in Orissa, nearly 45 per cent of the advances was given by the Nationalised Banks.

*Outstanding Credits*—A comparative analysis of the outstanding credits of Scheduled Commercial Banks show that percentage of credit outstanding for agriculture and its allied activities was 27.91 per cent of the total bank credit outstanding in June, 1978-79. This has marginally increased to 36.47 per cent in June 1979-80. The percentage of credit outstanding for industrial activities which stood at 5.77 per cent of the total outstanding credit in 1978-79 decreased to 1.07 per cent in 1979-80. The percentage of outstanding credits of the small scale Industries sector was 12.03 per cent in 1978-79 as against 11.44 per cent in 1979-80.

With the nationalisation of banks and change in the system of advancing loans, the Scheduled Commercial Banks are advancing huge sums to meet the need of farming community and weaker sections. These banks are playing a vital role in improving the economy of the State.

## XV. BANKING

Table No. 15-01

Distribution of deposits and advances of Scheduled Commercial Banks according to population groups  
( as on last Friday of June ) in Orissa

( Amount in lakhs of Rs. )

Year, District		Rural				Semi-Urban			
		Functioning offices (No.)	Reporting office (No.)	Deposits	Advances	Functioning offices (No.)	Reporting office (No.)	Deposits	Advances
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1973-74	..	113	113	931	398	89	96	3,047	1,561
1974-75	..	137	137	1,270	481	96	96	3,837	1,871
1975-76	..	187	187	1,872	781	114	114	4,551	2,358
1976-77	..	291	291	2,548	1,408	138	138	5,695	3,002
1977-78	..	407	407	3,662	2,683	148	148	7,001	4,517
1978-79	..	454	454	5,158	4,636	159	159	9,078	5,683
1979-80	..	543	543	7,609	6,852	166	166	10,998	7,090
1979-80									
Balasore	..	36	36	510	358	15	15	804	446
Balangir	..	32	32	178	558	11	11	531	1,604
Cuttack	..	101	101	2,077	1,890	11	11	630	341
Dhenkanal	..	24	24	470	171	13	13	806	317
Ganjam	..	49	49	679	390	14	14	992	379
Kalahandi	..	25	25	253	337	4	4	223	94
Keonjhar	..	19	19	200	193	7	7	355	194
Koraput	..	68	68	457	723	19	19	1,267	689
Mayurbhanj	..	31	31	366	250	4	8	540	204
Phulbani	..	20	20	219	235	2	2	185	21
Puri	..	61	61	951	866	18	18	1,203	614
Sambalpur	..	49	49	711	632	35	35	2,788	1,989
Sundargarh	..	28	28	438	199	9	9	675	198

## XV. BANKING

Table No. 15:01

Distribution of Deposits and Advances of Scheduled Commercial Banks according to population groups  
(as on last Friday of June) in Orissa

( Amount in lakhs of Rs. )

Year & District		Urban/Metropolitan				All population groups			
		Functioning offices (No.)	Report- ing offices (No.)	Deposits	Advances	Functioning offices (No.)	Report- ing offices (No.)	Deposits	Advances
(I)		(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1973-74	..	58	58	49,77	29,44	255	255	89,55	49,03
1974-75	..	67	67	59,22	40,21	300	300	1,10,29	63,73
1975-76	..	80	80	70,94	42,88	381	381	1,35,17	74,27
1976-77	..	97	97	87,26	60,00	526	526	1,69,69	1,04,10
1977-78	..	108	108	1,10,75	60,18	663	663	2,17,38	1,32,18
1978-79	..	111	111	1,41,14	78,72	724	724	2,83,50	1,81,91
1979-80	..	115	115	1,72,23	79,63	824	824	3,58,30	2,19,05
1979-80									
Balasore	..	..	..	..	..	51	51	13,13	8,04
Balangir	..	..	..	..	..	43	43	7,09	20,62
Cuttack	..	35	35	46,99	27,05	147	147	74,06	49,36
Dhenkanal	..	..	..	..	..	37	37	12,76	4,88
Ganjam	..	20	20	19,56	673	83	83	36,27	14,42
Kalahandi	..	..	..	..	..	29	29	4,76	4,81
Keonjhar	..	..	..	..	..	26	26	5,55	3,87
Koraput	..	..	..	..	..	87	87	18,24	14,12
Mayurbhanj	..	..	..	..	..	39	39	9,06	5,45
Phulbani	..	..	..	..	..	22	22	4,04	2,56
Puri	..	33	33	73,49	29,89	112	112	95,03	44,65
Sambalpur	..	..	..	..	..	84	84	34,99	26,2
Sundargarh	..	27	27	32,19	15,96	64	64	43,32	19,9

## XV. BANKING

Table No. 15.02

Distribution of deposits and advances (lakhs of Rs.) of Scheduled Commercial Banks by Bank-group in Orissa (As on last Friday of June)

Year	State Bank of India and its associates			Nationalised Banks			
	Number of functioning offices	Deposits	Advances	Number of functioning offices	Deposits	Advances	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
1973-74	..	114	44,78	18,64	127	40,95	27,25
1974-75	..	127	55,57	24,58	157	49,81	35,31
1975-76	..	151	58,29	26,66	201	69,02	44,38
1976-77	..	169	71,06	40,45	258	89,05	58,11
1977-78	..	192	84,57	46,75	302	1,14,79	71,80
1978-79	..	198	1,05,76	60,48	327	1,48,60	96,27
1979-80	..	247	1,39,70	85,49	334	2,04,78	98,61

Year	Other Scheduled Commercial Banks			All Scheduled Commercial Banks			
	Number of functioning offices	Deposits	Advances	Number of functioning offices	Deposits	Advances	
	(1)	(8)	(9)	(10)	(11)	(12)	(13)
1973-74	..	14	3,82	3,14	255	89,55	49,03
1974-75	..	16	4,91	3,84	300	1,10,29	63,73
1975-76	..	29	7,86	3,23	381	1,35,17	74,27
1976-77	..	99	9,58	5,54	526	1,69,69	1,04,10
1977-78	..	169	18,02	13,63	663	2,17,38	1,32,18
1978-79	..	199	29,14	25,16	724	2,83,50	1,81,91
1979-80	..	243	13,82	34,95	824	3,58,30	2,19,05

Source—Banking Statistics of R. B. I., Bombay

## XV. BANKING

Table No. 15-03

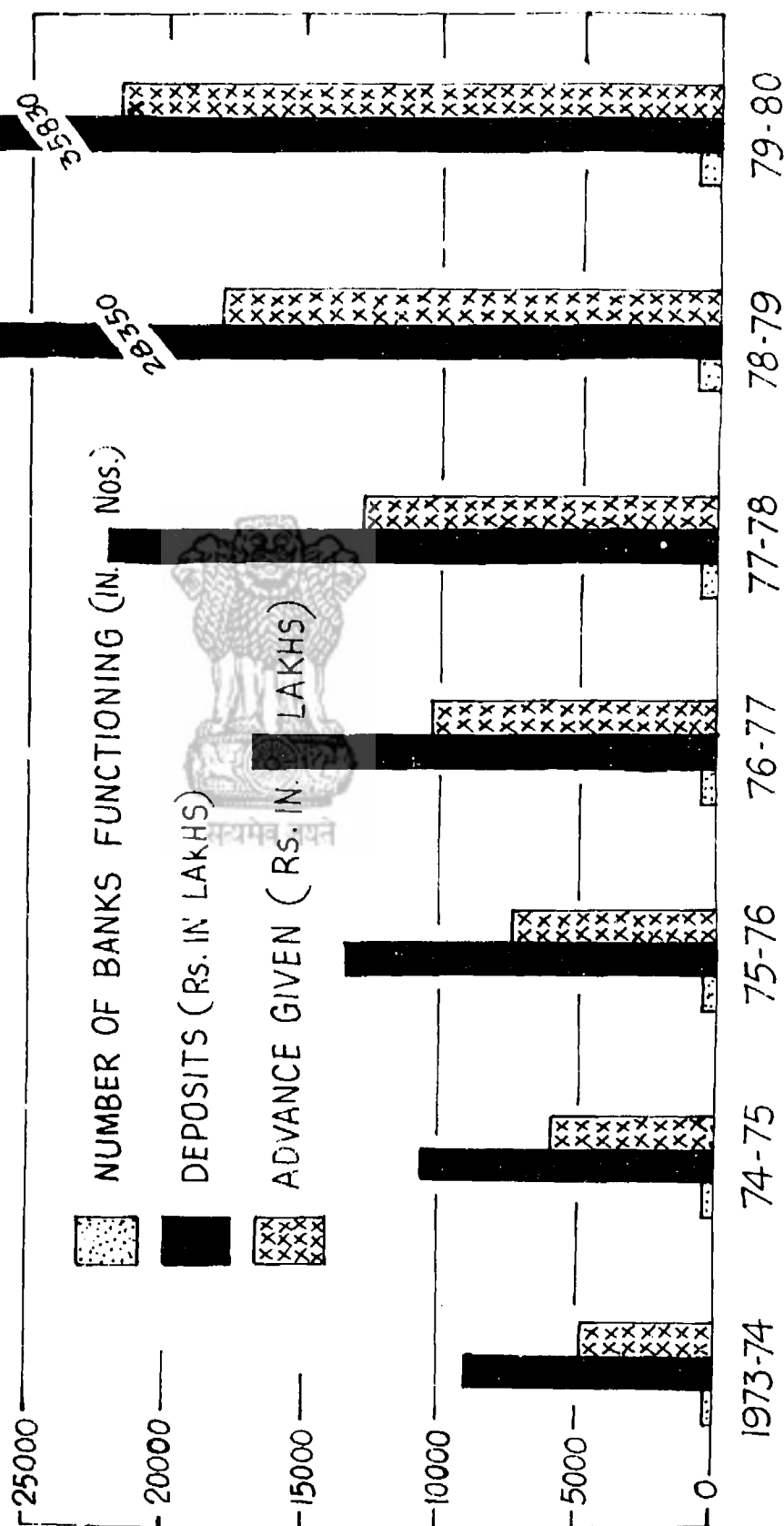
Distribution of deposits (lakhs of Rs.) of Scheduled Commercial Bank in Orissa by types  
as on last Friday of June

Year and District	Functioning offices (No.)	Reporting offices (No.)	Current		Savings	
			No. of accounts	Amounts	No. of accounts	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1973-74 ..	255	255	39,004	27,57	261,127	22,21
1974-75 ..	300	300	44,983	36,30	344,999	26,65
1975-76 ..	381	381	49,143	33,31	460,707	34,17
1976-77 ..	526	526	58,401	42,11	616,972	42,97
1977-78 ..	663	663	65,777	45,55	809,126	61,46
1978-79 ..	724	724	73,541	60,21	991,411	78,30
1979-80 ..	824	824	79,326	67,21	1,219,878	1,01,00

Year	Fixed		Others		Total	
	No. of accounts	Amount	No. of accounts	Amount	No. of accounts	Amounts
(1)	(8)	(9)	(10)	(11)	(12)	(13)
1973-74 —	75,889	39,16	2,984	51	379,004	89,55
1974-75 —	104,623	46,50	5,864	84	500,469	1,10,29
1975-76 ..	155,114	67,39	1,845	30	666,809	1-35,17
1976-77 ..	216,327	84,15	3,449	46	985,149	1,69,69
1977-78 ..	289,542	1,10,37	..	..	1,164,445	2,17,38
1978-79 ..	358,280	1,44,99	..	..	1,423,232	2,83,50
1979-80 ..	436,955	1,90,65	..	..	1,736,159	3,58,30

SOURCE—Banking Statistics of R. B. I., Bombay

## DEPOSITS AND ADVANCES OF THE SCHEDULED COMMERCIAL BANKS IN ORISSA



## XV, BANKING

Table No. 15'04

Distribution of number of accounts and deposits of Scheduled Commercial Banks in different districts of Orissa as on last Friday of June 1980

Name of the district	Number of Banks functioning	Number of Accounts	Amount of deposits (In lakhs of Rs)
(1)	(2)	(3)	(4)
Balasore	51	81,405	1,313
Balangir	43	55,055	709
Cuttack	147	398,535	7,406
Dhenkanal	37	89,416	1,276
Ganjam	83	195,285	3,627
Kalahandi	29	28,800	476
Keonjhar	26	30,244	555
Koraput	87	137,031	1,824
Mayurbhanj	39	55,178	906
Phulbani	22	23,049	404
Puri	112	289,447	9,503
Sambalpur	84	153,879	3,499
Sundargarh	64	198,835	4,332
State	824	1,736,159	35,830

## XV. BANKING

Table No. 15'05

Outstanding credit of Scheduled Commercial Banks by bank-group (As on the last Friday of June) in Orissa

(Amount in lakhs of Rs.)

Year	State Bank of India and its associates		Nationalised Banks		Other Scheduled Commercial Banks		All Scheduled Commercial Banks	
	No. of accounts	Amount out-standing	No. of accounts	Amount out-standing	No. of accounts	Amount out-standing	No. of accounts	Amount out-standing
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1974-75	51,948	26,10	37,811	44,60	2,566	472	92,325	75,42
1975-76	88,483	27,71	62,869	55,94	6,125	427	157,477	87,92
1976-77	152,108	40,98	100,541	68,96	14,491	12,79	267,140	110,84
1977-78	204,795	46,97	129,446	87,69	105,307	13,94	439,545	118,60
1978-79	257,663	60,59	169,247	112,89	214,718	26,53	641,628	200,01
1979-80	342,326	90,90	206,787	1,08,04	319,619	23,56	868,732	223,50

## XV. BANKING

Table No. 15-06

Occupation wise classification of number of Accounts and Outstanding credit of Scheduled Commercial Banks in the State of Orissa (As on last Friday of June)

( Amount of credit in '000 Rs. )

Year and District	Industries							
	Agriculture		Food manufacturing		Textiles		Chemicals	
	No. of Account	Out-standing amount of credit	No. of Account	Out-standing amount of credit	No. of Account	Out-standing amount of credit	No. of Account	Out-standing amount of credit
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1973-74 ..	33,480	48,328	147	12,491	48	59,324	130	25,906
1974-75 ..	49,899	76,814	185	20,740	59	47,719	152	33,754
1975-76 ..	82,223	1,19,941	252	19,985	72	78,895	190	25,662
1976-77 ..	1,40,554	1,88,664	343	34,193	124	92,364	233	33,585
1977-78 ..	2,55,043	3,45,216	523	64,999	148	1,40,433	280	42,558
1978-79 ..	4,02,274	5,58,208	749	1,13,102	170	1,15,298	343	55,470
1979-80 ..	5,56,182	815,105	823	1,03,541	183	23,801	339	61,668
1979-80								
Balasore ..	15,783	22,754	42	9,241	4	1,888	19	4,257
Balangir ..	83,953	71,810	60	2,595	38	954	7	117
Cuttack ..	1,15,696	1,64,038	108	15,478	26	5,915	91	10,557
Dhenkanal ..	16,546	19,168	26	943	9	6,821	12	2,317
Ganjam ..	49,501	61,745	63	1,885	44	1,047	35	5,066
Kalahandi ..	17,404	20,098	17	469	2	37	3	283
Konjhar ..	6,146	12,120	20	418	3	66	5	144
Koraput ..	95,880	73,943	72	2,352	8	140	10	1,365
Mayurbhanj ..	9,492	11,448	23	667	6	496	5	155
Phulbani ..	11,019	16,831	16	264	1	29	1	22
Puri ..	54,952	2,44,948	144	28,893	28	3,262	53	6,271
Sambalpur ..	73,197	80,783	198	37,677	11	928	27	16,352
Sundargarh ..	6,631	15,369	32	2,658	3	2,418	71	14,752



## XV. BANKING

Table No. 15-06

Occupation-wise classification of number of Accounts and Outstanding credit of Scheduled Commercial Banks in the State of Orissa (As on last Friday of June)

( Amount of credit in '000 Rs. )

Year and District	Industry							
	Metals		Engineering		Others		Total	
	No. of accounts	Amounts	No. of accounts	Amounts	No. of accounts	Amounts	No. of accounts	Amounts
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1973-74 ..	205	1,05,344	78	27,570	5,369	1,93,752	5,977	4,24,387
1974-75 ..	258	1,35,505	113	18,296	6,529	2,10,681	7,296	4,66,693
1975-76 ..	287	1,66,061	115	29,116	10,455	2,33,074	11,351	5,53,733
1976-77 ..	320	1,56,066	125	30,538	17,347	2,89,666	18,492	6,36,412
1977-78 ..	375	1,25,584	208	56,004	12,813	2,43,762	14,347	6,73,340
1978-79 ..	394	1,86,726	265	57,231	17,373	2,75,566	19,294	8,03,393
1979-80 ..	456	2,05,805	285	79,865	23,387	2,41,953	25,671	7,16,633
<b>1979-80</b>								
Balasore ..	12	1,068	10	1,284	501	3,164	588	20,902
Balangir ..	28	1,257	6	131	2,632	24,610	2,771	30,664
Cuttack ..	111	80,571	82	20,086	1,659	24,099	2,077	1,56,506
Dhenkanal ..	2	52	1	94	342	2,556	392	12,783
Ganjam ..	25	908	4	140	2,508	6,586	2,679	15,633
Kalahandi ..	5	200	4	324	971	4,326	1,002	5,639
Keonjhar ..	2	1,535	5	104	391	8,049	426	10,316
Koraput ..	21	4,563	5	182	1,764	9,726	1,880	18,328
Mayurbhanj ..	5	8,878	12	265	1,474	4,778	1,525	15,249
Phulbani ..	1	23	1	42	1,336	821	1,356	1,201
Puri ..	54	75,296	56	8,522	2,109	40,682	2,444	1,62,926
Sambalpur ..	45	16,930	22	6,141	7,237	51,690	7,540	1,29,718
Sundargarh ..	145	14,524	77	42,550	663	59,866	991	1,36,768

## XV. BANKING

Table No. 15.06

Occupation-wise classification of number of Accounts and Outstanding credit of Scheduled Commercial Banks in the State of Orissa ( As on last Friday of June)

( Amount of credit in '000 Rs. )

Year and District	Transport operators		Personal and Professional services		Trade			
					Wholesale trade		Retail trade	
	No. of accounts	Amount	No. of accounts	Amount	No. of accounts	Amount	No. of accounts	Amount
(1)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
1973-74 ..	1,865	31,601	1,569	5,569	4,569	29,932	499	71,185
1974-75 ..	2,309	45,659	2,363	7,310	535	1,26,329	6,257	31,527
1975-76 ..	2,654	58,481	5,656	19,562	572	75,689	685	1,63,068
1976-77 ..	3,943	71,640	9,351	30,519	8,497	38,800	18,700	60,583
1977-78 ..	7,808	98,336	24,765	31,136	1,364	81,010	34,073	90,997
1978-79 ...	10,450	1,39,086	28,834	46,774	1,353	91,175	50,995	1,28,050
1979-80 ..	10,695	1,49,117	41,456	58,030	1,644	65,729	69,157	1,52,961
1979-80								
Balasore ..	730	6,926	1,613	2,298	61	2,053	3,188	9,006
Balangir ..	629	7,661	3,458	1,864	100	2,819	3,856	5,767
Cuttack ..	2,856	54,059	5,764	13,237	291	23,633	13,407	37,463
Dhenkanal ...	277	3,107	1,141	1,133	17	301	1,664	4,275
Ganjam ..	769	13,331	4,737	5,365	345	7,222	6,020	13,095
Kalahandi ..	320	4,351	1,423	991	60	1,678	2,819	3,394
Keonjhar ..	297	7,179	1,072	1,105	3	3,811	1,538	4,083
Koraput ..	429	3,245	4,268	3,229	149	1,896	15,333	10,450
Mayurbhanj ..	353	5,436	2,593	1,870	14	375	2,287	5,676
Phulbani ..	79	600	981	637	100	188	895	1,355
Puri ..	2,496	16,878	10,335	19,237	246	5,872	12,849	31,375
Sambalpur ..	926	17,482	2,805	3,087	177	9,631	3,551	14,073
Sundargarh ..	534	8,862	1,266	3,937	82	5,230	1,760	12,944

## XV. BANKING

Table No. 1506

Occupation-wise classification of number of Accounts and outstanding credit of Scheduled Commercial Banks in the State of Orissa (As on last Friday of June)

( Amount of credit in '000 Rs. )

Year and District		Trade					
		Total		Personal Loans		All Others	
		No. of	Amounts	No. of	Amount	No. of	Amount
		accounts		accounts		accounts	
(1)		(26)	(27)	(28)	(29)	(30)	(31)
1973-74	..	5,068	1,01,117	13,125	18,926	11,679	43,098
1974-75	..	6,792	1,57,856	12,968	20,656	15,376	32,138
1975-76	..	9,069	1,14,489	31,768	48,512	23,066	42,511
1976-77	..	19,385	2,23,651	38,642	58,427	50,077	61,280
1977-78	..	35,437	1,72,007	55,094	65,460	47,053	1,00,539
1978-79	..	52,348	2,19,225	60,225	84,512	68,203	1,48,932
1979-80	..	70,801	2,18,690	73,575	1,14,689	90,352	1,62,758
1979-80							
Balasore	..	3,249	11,059	2,599	4,789	2,500	4,980
Balangir	..	3,956	8,586	7,755	4,989	9,445	28,345
Cuttack	..	13,698	61,096	11,542	24,720	12,152	24,747
Dhenkanal	..	1,671	4,576	2,720	3,362	1,662	2,201
Ganjam	..	6,369	20,317	5,968	12,225	6,861	11,378
Kalahandi	—	2,879	5,072	3,499	4,190	3,431	1,177
Keonjhar	..	1,541	7,899	1,261	10,855	212	1,686
Koraput	..	15,482	12,346	12,847	10,855	24,546	20,985
Mayurbhanj	..	2,301	6,051	1,457	4,030	2,197	2,831
Phulbani	..	990	1,543	1,883	2,150	1,525	952
Puri	..	13,095	37,247	10,299	20,768	19,514	41,945
Sambalpur	..	3,728	23,704	4,487	9,602	4,276	13,498
Sundargarh	—	1,842	19,194	7,258	10,391	3,030	8,023

## XV. BANKING

Table No. 15'6—Concl'd.

Occupation-wise classification of number of Accounts and outstanding credit of Scheduled Commercial Banks in the State of Orissa (As on last Friday of June)

( Amount of credit in '000 Rs. )

Year and District		Total Bank Credit		Small-scale Industry	
		No. of account	Amount	No. of account	Amount
		(32)	(33)	(34)	(35)
1973-74	..	69,329	63,58,56	2,130	5,60,82
1974-75	..	92,325	75,41,57	2,485	7,40,51
1975-76	..	157,477	87,91,86	2,830	9,36,65
1976-77	..	267,140	116,84,34	4,954	11,84,77
1977-78	..	439,545	148,60,34	12,240	18,78,20
1978-79	..	641,628	200,01,30	15,895	24,05,55
1979-80	..	868,732	223,49,92	20,928	25,56,88
1979-80					
Balasore	..	27,062	7,37,18	545	1,55,89
Balangir	..	111,987	15,39,19	2,577	1,22,31
Cuttack	..	163,785	49,84,53	1,789	5,32,74
Dhenkanal	..	24,410	4,63,30	289	38,88
Ganjam	..	76,884	13,99,94	1,636	1,11,64
Kalahandi	..	28,958	4,15,18	961	47,34
Keonjhar	..	10,455	4,29,63	417	32,49
Koraput	..	155,332	14,29,31	1,386	88,37
Mayurbhanj	..	19,918	4,69,15	1,153	46,11
Phulbani	..	17,833	2,39,14	547	973
Puri	..	113,135	54,39,49	2,111	4,53,84
Sambalpur	..	96,941	27,78,74	6,742	5,35,30
Sundargarh	..	21,552	20,25,14	775	3,82,24

SOURCE—Bank Statistics, R. B. I., Bombay

## XVI. INSURANCE

This chapter presents the progress of Life Insurance in Orissa from 1971 to 1981 and investment of Life Insurance Corporation of India under different schemes in Orissa during the years 1979 to 1981. The Life Insurance Corporation of India is the only one biggest company which is carrying Life Insurance business in the country. Number of Life Insurance policies issued and amount assured have steadily increased from 23 thousand policies and Rs. 17 crores respectively in the year 1971 to 34 thousand policies and Rs. 46 crores during the year 1981. During the year 1976 the abnormal increase in the number of policies issued to 241 thousands and amount assured to Rs. 218 crores was due to implementation of the compulsory Group Insurance Scheme by the State Government for its employees.

The progress of the Life Insurance work was comparatively slow in the year 1980 with 27 thousands policies issued for the assured amount Rs. 35 crores as against 33 thousand policies issued for Rs. 37 crores during the year 1979 and 34 thousand policies issued for Rs. 46 crores during the year 1981. Number of policies issued was one for about every 500 persons, during the year 1981. The assured amount per policy issued was about Rs. 14 thousand during the year 1981 as against Rs. 13 thousands in the previous year.

The amount invested in Orissa under different schemes was Rs. 166.53 crores during the year 1981 as against Rs. 153.95 crores in the preceding year recording 8.17 per cent increase. The amount invested was highest with Rs. 67.72 crores under the scheme "Stock Exchange Investment" accounting for 40.67 per cent of the total investment during the year 1981.



## XVI. INSURANCE

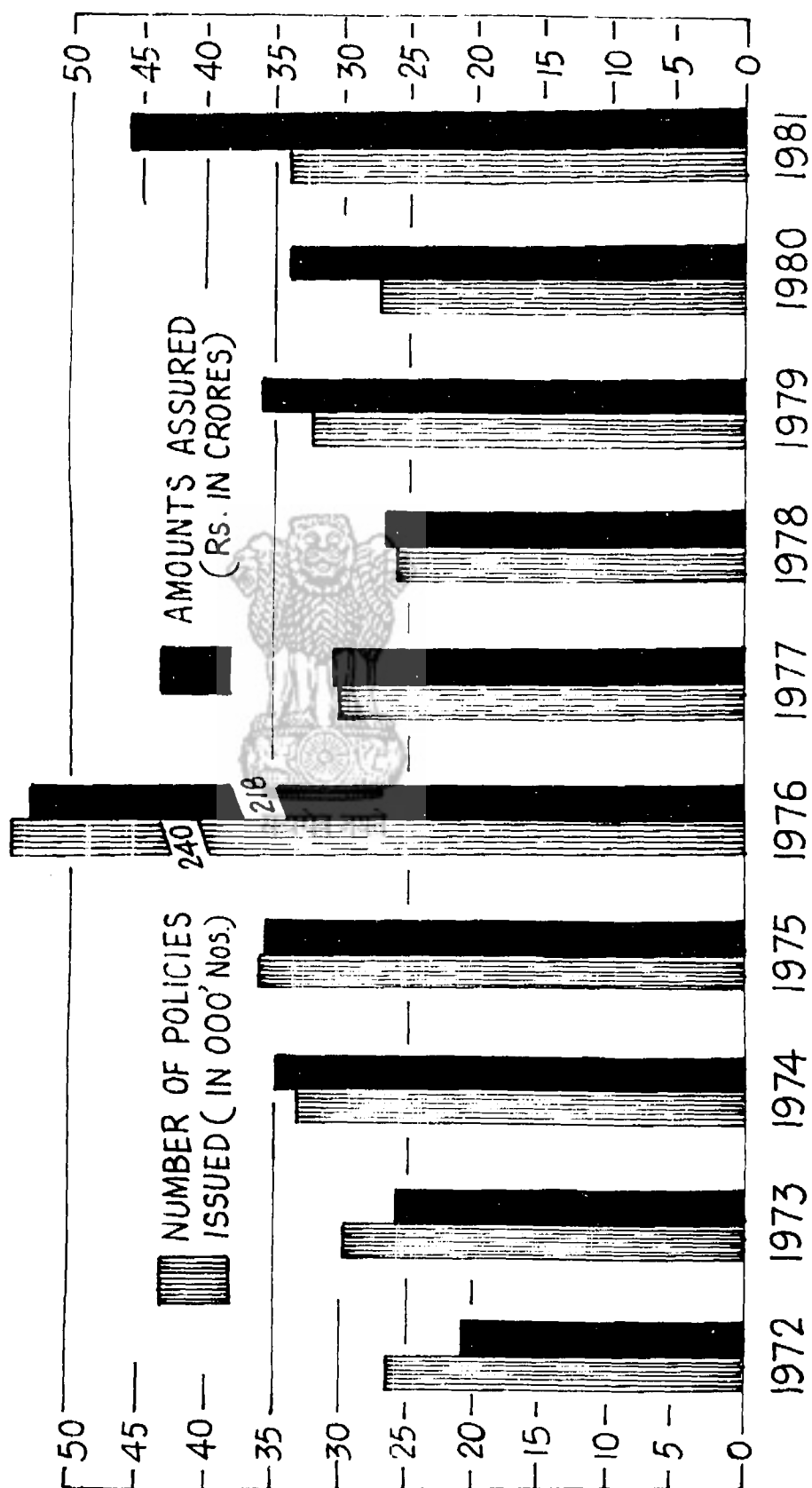
Table No. 16.01

## Progress of Life Insurance in Orissa

Years		Total No. of proposal received	Total sum proposed in lakhs of Rs.	Total No. of policies issued	Total sum assured in lakhs of Rs.
(1)		(2)	(3)	(4)	(5)
1971	..	23,052	17,14.55	22,963	17,02.71
1972	..	27,635	21,33.00	26,785	20,60.17
1973	..	34,995	32,02.04	29,951	26,04.29
1974	..	32,286	35,87.04	32,599	35,02.74
1975	..	38,048	37,49.29	36,260	35,57.12
1976	..	242,351	219,00.25	240,561	218,07.76
1977	..	30,165	30,10.05	30,552	30,74.05
1978	..	27,055	27,50.44	26,600	27,56.18
1979	..	32,583	37,76.42	32,571	36,57.60
1980	..	31,488	41,11.72	27,335	34,70.29
1981	..	29,805	42,76.03	33,573	45,87.20

SOURCE—Divisional Manager, L. I. C., Cuttack, Orissa

## PROGRESS OF LIFE INSURANCE IN ORISSA



## XVI. INSURANCE

Table No. 16-02

Investment of Life Insurance Corporation of India in the State of Orissa under different schemes

Sl. No.	Name of the scheme	Amount Invested in lakhs of Rs. for the year		
		1979	1980	1981
(1)	(2)	(3)	(4)	(5)
1	Stock exchange Investments ..	67,26	73,05	67,72
2	State Electricity Board ..	41,30	47,40	54,99
3	State Government for Housing Scheme ..	22,55	23,63	29,27
4	Municipal Committees and to State Government for Urban Water Supply Scheme.	308	374	3,80
5	Sugar Co-operative Societies ..	60	60	60
6	Companies and Industrial Co-operative Societies ..	175	353	630
7	State Road Transport Corporation ..	..	200	335
8	Loans ..	6,928	..	..
9	Co-operation, Housing, Finance, Societies and other authorities for Financing Housing, Co-operation and to State Housing Board.	..	..	50
	Total ...	20,582	15,395	16,653

Source—Divisional Manager, L. I. C., Cuttack, Orissa



## XVII. LABOUR AND EMPLOYMENT

This chapter presents data collected under the provision of the Indian Factories Act, 1948, payment of wages Act 1936, Workmen's compensation Act, 1923, Statistics relating to Industrial disputes resulting in strikes and lockouts, Statistics relating to operation of Employment Exchanges and persons employed in public and private sectors in Orissa. Statistics relating to Employment and accidents in factories are collected by the Labour Commissioner, Orissa from all factories employing 10 workers, or more run with the aid of power and 20 workers or more run without aid of power registered under the Indian Factories Act, 1948. He also collects Statistics pertaining to wages and Earning of Factory workers under the payment of wages Act, 1936. The Bureau of Statistics and Economics, Orissa collects information regarding payment of compensation to workers on voluntary basis in accordance with the Workmen's compensation Act, 1923 from all commissioners appointed under this Act.

## Concept and Definition

Frequency rate—	$\frac{\text{Number of Accidents}}{\text{Number of Mandays worked}} \times 100,00 \text{ Mandays worked}$
Severity rate—	$\frac{\text{Number of Mandays lost}}{\text{Number of Manday worked}} \times 100,00 \text{ Mandays worked}$
Strikes—	Work Stoppages declared and Organised by workers
Lockouts—	Work stoppages declared by employers which generally take place after strike.

**Employment**—Employment in factories relates to only the reporting factories. During the year 1981 number of workers employed in 801 reporting factories, were 73 thousand. Thus average number of workers employed per factory was 92 as against 114 in the previous year. This shows daily average employment per factory was decreased by 20% during the year 1981.

**Accidents**—Number of accidents occurred in the factories was 5,247 in the year 1981 as against 4,838 in the year 1981 as against 4,838 in the previous year. The accidents during year 1981 was about 9% more than those of the previous year. But average number of accidents per 100 workers employed was 7.16 during the year 1981 as against 6.64 in the previous year. Number of accident during the period 1972 to 1981 was highest with 5,247 accidents during the year 1981 and lowest with 2,157 during the year 1975. Due to accidents, mandays lost were 70 thousand during the year 1981 as against 12 thousand in the year 1975. Number of mandays lost per one thousand mandays worked were highest (3.67) during the year 1980 and lowest (0.67) during the year 1975. Number of accidents per one lakh mandays worked was highest (22.69) during the year 1973 and lowest (10.89) during the year 1978. Number of accidents were highest in cotton textiles with 2,134 accidents during the year 1981 constituting about 41 per cent of the total number of accidents.

**Payment of Wages**—The information on payment of wages to workers were collected under Payment of wages Act 1936. The average annual earning per worker was Rs. 13 thousand during the year 1981 as against Rs. 6 thousand during the year 1980. The increase in the annual earnings of a worker was about 117 per cent during the year 1981 over that of the year 1980. Among the major Industry Groups, average number of persons employed per day was highest with 4,506 in the manufacture of paper and paper products and printing publishing and allied Industries during the year 1981. The average annual earning per worker was highest with Rs. 10.6 thousand in the Basic metal and Ferro alloys Industries during the year 1981.

**Strikes and Lockouts**—During the year 1981 the number of strikes and lockouts was 90 which is 1.1 per cent less than that of the previous year. In these strikes and lockouts 27 thousand workers were involved losing their wages of Rs. 77 lakhs for 289 thousand mandays lost and creating of production valued Rs. 9.6 crores during the year 1981.

**Workmen's Compensation**—The information on compensation paid to the workers of the factories mines and other establishments on accounts of accidents are collected by Bureau of Statistics and Economics, Orissa from the Commissioners of compensations who are empowered to award compensation to the workers involved in accidents under Workmen's compensation Act, 1923. Amount of compensation paid to the above workers during the year 1980 was Rs. 13.63 lakhs for death of 44 workers, 260 workers injured permanently and 69 workers injured temporarily as against Rs. 9.61 lakhs for death of 61 workers, 34 workers injured permanently and 65 workers injured temporarily in the previous year. Number of permanent injuries was highest in the year 1980 during the period from 1972 to 1980. The total number of cases disposed of during the year 1980 was 139 as against 270 cases in the previous year. And also the total number of cases pending at the end of the year 1980 was 402 as against 473 cases in the previous year.

*Trade Unions and membership*—The number of registered Trade Unions and their membership in different districts of Orissa are collected from Labour Commissioner, Orissa. The number of registered trade unions in Orissa was 738 during the year 1981 as against 671 in the previous year. And also their membership in Orissa was 3·7 lakhs in the year 1981 as against 3·4 lakhs in the previous year. The Number of registered Trade Unions was highest (206) in Cuttack district in the year 1981.

*Unemployment*—The number of persons who have registered their names every year in 77 Employment Exchanges working in Orissa seeking employment has varied from 2·5 lakhs in the year 1973 to 2·3 lakhs in the year 1981 and their number in the live-registers by end of 1981 was 4·9 lakhs. This has increased by 11 per cent over that in the previous year. During the year 1981, 17·8 thousand persons have been placed in employment through the Employment Exchanges as against 16·8 thousands in the previous year. Thus the placement in employment has increased by 6 per cent during the year 1981. Out of total number of unemployed persons in the Live-Registers by end of 1981, 58·9 per cent are under matric and illiterate. 23·7 per cent are Matriculates, 5·7 per cent are Intermediates, 1·1 per cent are Graduates and 0·5 per cent are Post-Graduates. The number of persons in services in public sector as well as in private sector was 5·78 lakhs during the year 1981 as against 5·34 lakhs in the previous year. Among them 85 per cent are in the public sector during the year 1981. A total investment of Rs. 5,500 crores in public and private sector in the State in various projects during the sixth plan period from 1980–85 would have a beneficial effect on the unemployment situation.



## XVII. LABOUR AND EMPLOYMENT

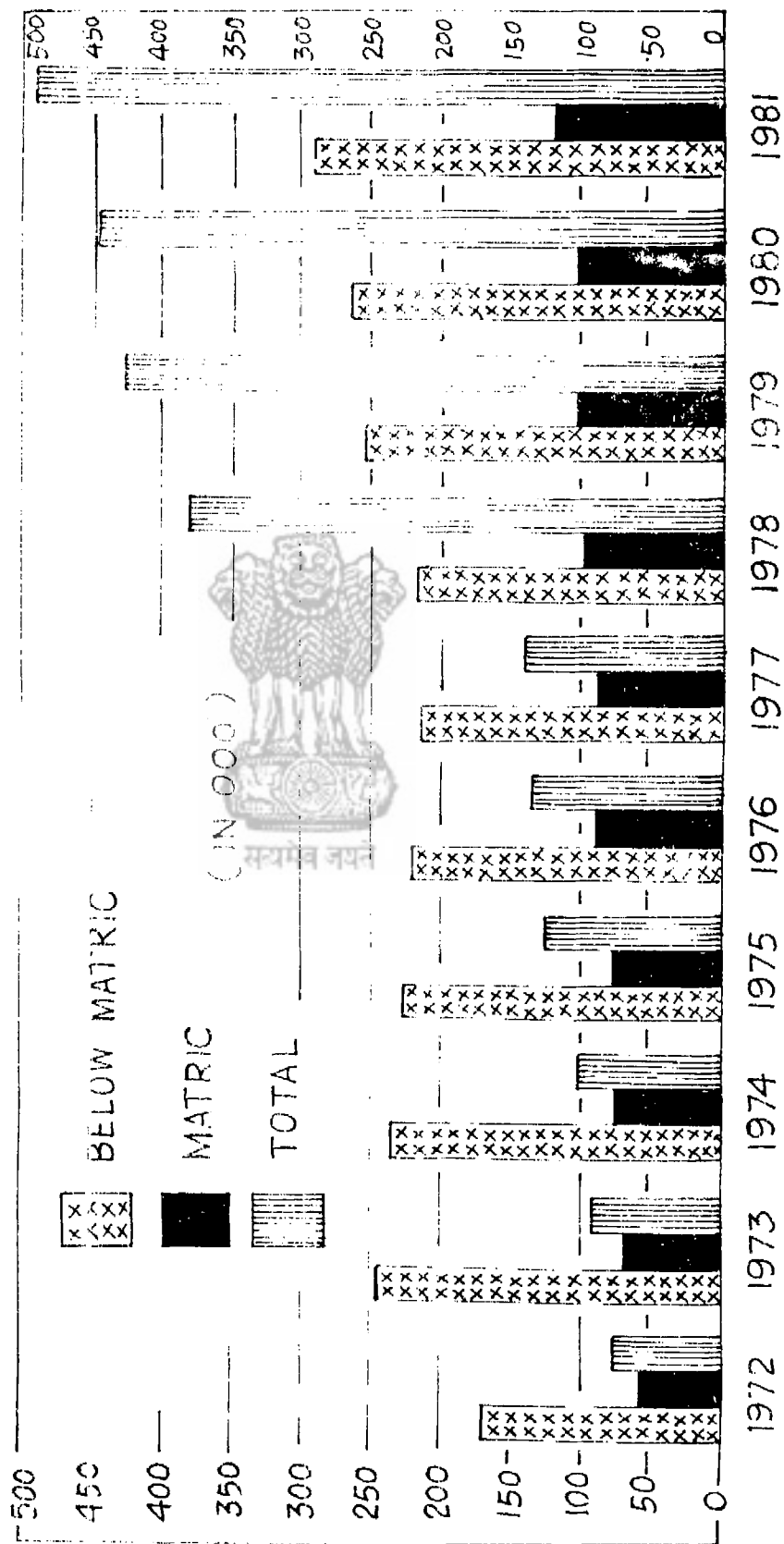
Table No. 17-01

Operation of Employment Exchanges in Orissa

Year/District		No. of Registration during the year	Applicants placed in employment during the year	Applicants in the live register at the end of the year	Employers using the Employment Exchanges	Vacancies notified during the year
(1)		(2)	(3)	(4)	(5)	(6)
1972	..	2,07,287	14,614	2,43,587	4,374	28,763
1973	..	2,45,758	15,003	3,36,005	5,829	35,703
1974	..	2,09,585	14,308	3,37,091	5,260	32,812
1975	..	2,02,822	19,450	3,52,111	6,291	35,732
1976	..	2,11,809	21,420	3,56,217	7,533	31,423
1977	..	1,85,288	14,487	3,58,690	6,450	28,457
1978	..	2,04,246	15,760	3,83,267	6,701	33,369
1979	..	2,38,575	21,809	4,32,157	6,989	37,763
1980	..	2,26,257	16,830	4,47,171	6,385	30,297
1981	..	2,27,939	17,840	4,94,832	5,730	29,507
1980						
Balasore	..	15,812	401	29,197	344	1,012
Balangir	..	6,356	1,144	12,051	318	1,001
Cuttack	..	40,271	2,643	78,097	840	3,064
Dhenkanal	..	14,563	1,260	26,622	341	2,639
Ganjam	..	15,284	1,184	26,564	467	1,518
Kalahandi	..	6,159	1,071	8,568	184	1,224
Keonjhar	..	13,519	840	20,190	248	2,828
Koraput	..	15,256	1,711	20,527	456	2,828
Maurbhanj	..	10,531	888	20,491	370	557
Phulbani	..	3,828	518	5,254	105	1,162
Puri	..	35,464	2,012	1,05,681	1,644	6,625
Sambalpur	..	22,565	2,043	31,719	669	3,556
Sundargarh	..	26,649	1,115	62,210	399	2,283
1981						
Balasore	..	18,544	1,370	34,187	250	1,008
Balangir	..	6,894	1,196	13,384	230	746
Cuttack	..	40,130	2,141	86,211	859	3,624
Dhenkanal	..	21,929	1,676	37,020	296	3,416
Ganjam	..	16,325	1,361	29,769	401	1,817
Kalahandi	..	5,586	505	9,087	150	1,075
Keonjhar	..	9,046	715	17,999	197	1,142
Koraput	..	17,331	2,362	24,921	374	3,870
Mayurbhanj	..	8,633	1,018	20,836	338	958
Phulbani	..	3,585	557	5,699	99	471
Puri	..	34,760	1,710	1,14,944	1,518	6,325
Sambalpur	..	19,530	2,144	35,255	678	3,154
Sundargarh	..	25,646	1,085	65,520	340	1,901

Source—Director of Employment, Orissa

# APPLICANTS IN THE LIVE REGISTER BY EDUCATIONAL QUALIFICATION



## XVII. LABOUR AND EMPLOYMENT

Table No. 17-02

Applicants in the live register by Educational Qualification

( Fig. in Nos. )

Year/District		Below Matric	Matric	Intermediate	Graduate	Post Graduate	Total
(1)		(2)	(3)	(4)	(5)	(6)	(7)
1973	..	2,45,107	68,895	7,404	13,441	1,158	90,898
1974	..	2,37,211	74,400	8,077	19,183	1,220	1,02,880
1975	..	2,29,627	76,468	20,873	23,239	1,904	1,22,484
1976	..	2,21,857	87,373	16,433	28,302	2,252	1,34,360
1977	..	2,17,920	86,420	18,330	33,630	2,390	1,40,770
1978	..	2,19,717	99,558	20,904	40,583	2,505	3,83,267
1979	..	2,55,944	1,03,502	22,682	47,793	2,236	4,32,157
1980	..	2,64,594	1,03,817	24,371	51,701	2,688	4,47,171
1981	..	2,91,449	1,17,189	28,371	55,441	2,442	4,94,892
1981							
Balasore	..	15,758	11,784	2,420	4,285	..	34,247
Balangir	..	8,636	3,302	541	905	..	13,384
Cuttack	..	49,357	21,637	5,188	10,029	..	86,211
Dhenkanal	..	27,034	5,878	1,600	2,508	..	37,020
Ganjam	..	14,478	8,812	2,340	3,706	433	29,769
Kalahandi	..	6,149	1,964	293	681	..	9,087
Keonjhar	..	11,679	3,711	994	1,665	..	17,999
Koraput	..	18,738	3,548	1,046	1,589	..	24,921
Mayurbhanj	..	13,089	4,785	1,027	1,935	..	20,836
Puri	..	57,155	25,821	9,895	20,303	1,770	1,14,944
Phulbani	..	3,302	1,515	294	588	..	5,699
Samblapur	..	21,139	9,507	1,266	3,104	239	35,255
Sundargarh	..	44,935	14,925	1,517	4,143	..	65,520

Source—Director of Employment, Orissa

## LABOUR &amp; EMPLOYMENT

Table No. 17'03

Registration and Placement by Employment Exchanges in Orissa

Year District	No. of Employ- ment Ex- changes	Number Registered	Number Placed in					Total	No. in the Live Register at the end of the year
			Central Govern- ment	State Govern- ment	Quasi Establis- hment	Private Establis- hment	Local Bodies		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1973	39	245,758	3,243	9,415	470	1,875	..	15,003	336,005
1974	47	209,585	2,147	9,727	705	1,729	..	14,308	337,091
1975	48	202,822	2,716	13,276	841	2,617	..	19,450	352,111
1976	63	211,809	2,353	14,405	1,290	3,372	..	21,420	356,217
1977	63	185,288	460	8,363	3,155	2,509	..	14,487	358,690
1978	63	204,246	909	9,520	2,151	2,567	613	15,760	383,267
1979	77	238,575	870	15,702	2,781	1,747	538	21,738	332,157
1980	77	226,257	991	11,466	2,230	692	1,451	16,830	447,171
1981	77	227,939	2,067	11,327	2,398	1,501	547	17,840	494,892
1981									
Balasore	..	18,544	..	..	..	..	..	1,370	34,247
Balangir	..	6,894	..	..	..	..	..	1,196	13,384
Cuttack	..	40,130	..	..	..	..	..	2,141	86,211
Dhenkanal	..	21,929	..	..	..	..	..	1,676	37,020
Ganjam	..	16,325	..	..	..	..	..	1,361	29,769
Kalahandi	..	5,586	..	..	..	..	..	505	9,087
Keonjhar	—	9,046	..	..	..	..	..	715	17,999
Koraput	—	17,331	..	..	..	..	..	2,362	24,921
Mayurbhanj	..	8,633	..	..	..	..	..	1,018	20,836
Phulbani	..	3,585	..	..	..	..	..	557	5,699
Puri	..	34,760	..	..	..	..	..	1,710	114,944
Sambalpur	..	19,530	..	..	..	..	..	2,144	35,255
Sundargarh	..	25,646	..	—	..	..	..	1,085	65,520

Source—Director of Employment, Orissa

## XVII. LABOUR AND EMPLOYMENT

Table No. 17-04

Employment in Public and Private Sector in Orissa

Period	No. of Employees in Public Sector					No. of Employees in Private Sector	Grand Total
	Central Sector	State Government	Quasi Government	Local Bodies	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1973	26,098	1,88,363	64,852	8,065	2,87,371	71,336	3,56,714
1974	43,183	2,14,577	77,092	9,672	3,44,524	75,867	4,19,391
1975	30,344	2,25,568	80,778	10,352	3,47,082	90,696	43,7,778
1976	50,640	1,38,174	88,477	10,707	3,78,998	89,911	4,77,909
1977	48,935	2,48,012	91,069	11,364	3,99,380	89,421	4,88,801
1978	50,112	2,57,108	96,101	11,443	4,14,761	90,134	5,04,895
1979	50,895	2,66,349	1,04,259	11,810	4,33,313	90,004	5,23,317
1980	52,869	2,75,805	1,11,236	11,995	4,51,905	81,622	5,33,527
1981	53,181	2,96,181	1,26,063	15,217	4,90,642	87,442	5,78,084

Source—Director of Employment, Orissa

Table No. 17-05

Accidents in Factories in Orissa

Year	Accidents			Average accidents per 100 workers employed daily	Mandays worked	Mandays lost	Severity rate	Frequency rate
	Fatal	Non-fatal	Total					
(1)	(2)	(3)	(5)	(5)	(6)	(7)	(8)	(9)
1972	16	3,560	3,576	5.03	18,249,800	33,380	1.83	19.59
1973	14	3,631	3,645	5.13	16,063,860	36,264	2.26	22.69
1974	13	2,946	2,959	5.96	18,203,033	28,282	1.55	16.26
1975	14	2,143	2,157	3.81	18,596,479	12,473	0.67	11.59
1976	8	2,251	2,259	2.78	19,644,209	24,881	1.27	11.50
1977	16	2,535	2,551	6.21	13,942,463	22,785	1.63	18.30
1978	30	2,141	2,171	3.37	19,929,870	17,760	0.89	10.89
1979	18	2,582	2,600	3.83	21,946,742	24,793	1.13	11.85
1980	19	4,819	4,838	6.64	23,332,353	85,725	3.67	20.74
1981	19	5,228	5,247	7.16	22,326,367	70,299	3.01	22.41

Source—Chief Inspector of Factories in Orissa

## XVII. LABOUR &amp; EMPLOYMENT

Table No. 17-06

Accidents in Factories (Selected Industries) in Orissa

Year	Food Products			Cotton Textiles		
	No. of accidents	Average No. of workers employed per day	No. of average accidents per 100 workers	No. of accidents	Average No. of workers employed per day	Average No. of accidents per 100 workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972	3	3336	0.09	675	6781	9.95
1973	2	3,710	0.05	576	6,896	8.35
1974	3	3,560	0.08	631	7,378	8.55
1975	..	3,459	..	253	7,606	3.33
1976	..	7,337	..	451	N. A.	..
1977	..	2 155	..	373	7,412	5.03
1978	44	5,764	0.76	173	7,678	2.25
1979	4	7,576	0.05	623	9,233	6.75
1980	3	8,783	0.03	1,957	9,812	19.94
1981	1	9,325	0.01	2,134	8,044	26.53

Year	Wood and wood products			Paper and Allied Industries		
	No. of accidents	Average No. of workers employed	Average No. of accidents per 100 workers	No. of accidents	Average No. of workers employed per day	Average No. of accidents per 100 workers
(1)	(8)	(9)	(10)	(11)	(12)	(13)
1972	2	1,466	0.14	881	6,799	12.96
1973	..	1,194	..	970	6,352	15.27
1974	14	1,277	1.10	890	6,693	13.30
1975	9	1,145	0.79	453	6,997	6.47
1976	4	3,790	0.11	367	8,065	4.55
1977	2	919	0.22	457	4,030	1.13
1978	23	2,309	0.99	102	7,525	1.35
1979	..	4,203	..	610	8,584	7.11
1980	..	5,039	..	777	9,788	7.94
1981	...	4,508	..	713	9,355	7.62



## XVII. LABOUR AND EMPLOYMENT

Table No. 17-06

Accidents in Factories (Selected Industries) in Orissa

Year	Chemical of Chemical Products			Basic-Metal, Non-Metal and Alloys			Machinery, Mechanic tools and parts		
	No. of accidents	Average No. of workers employed	Average No. of accidents per 100 workers	No. of accidents	Average No. of workers employed	Average No. of accidents per 100 workers	No. of accidents	Average No. of workers employed	Average No. of accidents per 100 workers
1	14	15	16	17	18	19	20	21	22
1972	72	1,840	3.91	1,769	28,334	6.24	91	2,805	3.95
1973	74	2,028	3.65	1,773	24,057	7.37	170	2,197	7.74
1974	66	2,326	2.84	1,054	26,396	3.99	241	2,215	10.88
1975	70	2,300	3.04	1,034	26,609	3.89	259	2,311	11.1
1976	11	2,995	0.37	657	25,079	2.62	313	3,074	10.18
1977	14	1,735	0.81	1,103	18,982	5.81	213	696	30.60
1978	21	3,179	0.66	1,529	20,409	7.49	62	2,493	2.49
1979	46	4,495	1.02	601	22,255	2.70	46	3,239	1.42
1980	96	5,343	1.80	1,874	39,309	4.77	75	3,472	2.16
1981	153	6,331	2.42	1,777	36,366	4.89	105	3,933	2.67

Year	Electrical machineries and transport equipments			Electricity			Repair services		
	No. of accidents	Average No. of workers employed	Average No. of accidents per 100 workers	No. of accidents	Average No. of workers employed	Average No. of accidents per 100 workers	No. of accidents	Average No. of workers employed	Average No. of accidents per 100 workers
1	23	24	25	26	27	28	29	30	31
1972	78	2,327	3.35	3	1,105	0.27	2	358	0.56
1973	79	568	13.91	..	522	..	..	372	..
1974	42	2,839	1.48	9	1,155	0.78	9	981	0.96
1975	34	2,919	1.16	5	1,414	0.35	40	680	5.88
1976	5	2,261	0.22	7	2,223	0.32	3	2,452	1.22
1977	..	..	..	3	525	0.57	6	290	2.07
1978	1	548	0.18	42	614	6.84	36	693	5.19
1979	36	3,594	1.00	5	2,326	0.21	17	2,403	0.71
1980	18	3,689	0.49	4	2,376	0.17	31	2,948	0.11
1981	14	3,257	0.43	5	2,249	0.22	34	2,451	0.14

Source—Chief Inspector of Factories in Orissa

## XVII. LABOUR AND EMPLOYMENT

Table No. 17-07

Distribution of working factories according to the number of days worked

Year	Below 240 days			Above 240 days, but below 300 days		
	No. of factories	No. of workers employed	Percentage of total workers employed	No. of factories	No. of workers employed	Percentage of total workers employed
1	2	3	4	5	6	7
1972	79	1,815	3.3	134	6,462	11.6
1973	68	1,309	2.7	126	10,257	21.2
1974	87	2,189	3.9	140	7,361	13.2
1975	74	1,900	3.4	115	11,633	20.6
1976	45	1,074	1.8	36	1,472	2.5
1977	77	1,272	3.09	103	13,079	31.85
1978	386	7,880	12.33	141	21,057	32.67
1979	66	2,579	3.80	316	12,542	18.47
1980	103	5,618	7.7	242	10,536	14.45
1981	147	6,193	8.4	253	10,489	14.31

Distribution of working factories according to the number of days worked

Year	Above 300 days			Total		
	No. of factories	No. of workers employed	Percentage of total workers employed	No. of working factories submitting returns	No. of workers employed	Percentage of total workers employed
1	8	9	10	11	12	13
1972	244	47,352	85.1	457	55,629	100
1973	205	36,919	76.1	399	48,485	100
1974	204	46,290	82.9	431	55,840	100
1975	225	43,014	76.0	414	56,547	100
1976	280	55,839	95.7	361	58,385	100
1977	63	26,709	65.06	243	41,050	100
1978	116	35,506	55.10	643	64,443	100
1979	313	52,776	77.73	695	67,897	100
1980	297	56,752	77.8	642	72,900	100
1981	401	56,642	77.2	801	73,324	100

Source—Chief Inspector of Factories, Orissa

## LABOUR AND EMPLOYMENT

Table No. 17-08

Distribution of working factories according to size of employment

Year	Less than 20 workers		20 or more but less than 50 workers		50 or more but less than 100 workers		100 or more but less than 500 workers		Total
	A	B	A	B	A	B	A	B	
	2	3	4	5	6	7	8	9	
1972	269	2,544	106	3,153	32	2,298	29	1,127	6,421
1973	224	2,188	93	2,856	34	2,357	34	1,200	5,575
1974	243	2,337	97	2,939	33	2,241	39	1,200	5,790
1975	224	2,241	100	3,155	37	2,477	35	1,000	5,932
1976	194	2,007	92	7,955	27	1,889	31	1,000	10,068
1977	124	1,432	66	1,979	26	1,931	15	3,501	5,533
1978	367	3,878	151	4,686	58	3,904	48	1,000	13,863
1979	398	3,431	166	5,024	67	4,702	41	9,000	14,626
1980	369	3,395	149	4,400	54	3,705	40	10,000	13,814
1981	495	4,180	173	5,362	61	4,267	43	1,000	14,347

Year	500 or more but less than 1,000 workers		1,000 or more but less than 5,000 workers		5,000 or more workers		Total	
	A	B	A	B	A	B	A	B
	10	11	12	13	14	15	16	17
1972	13	8,927	7	16,087	1	16,264	457	32,735
1973	6	4,534	7	15,221	1	13,970	399	34,026
1974	9	6,179	9	18,866	1	14,703	431	39,758
1975	10	7,251	8	32,752	..	..	414	40,013
1976	7	4,583	9	14,469	1	19,788	361	39,840
1977	7	4,855	4	10,921	1	16,431	243	32,210
1978	10	7,486	8	18,406	1	16,012	615	32,911
1979	13	9,004	9	19,908	1	16,268	600	35,179
1980	11	7,647	12	27,182	1	16,390	612	41,222
1981	16	10,351	11	22,220	2	18,656	800	51,224

A—No. of factories

B—No. of workers

Source—Chief Inspector of Factories

## XVII. LABOUR AND EMPLOYMENT

Table No. 17-09

Work stoppages due to strikes, lockouts in different factories in Orissa

Year	No. of strikes & lockouts (Nos.)	No. of workers, involved (Nos.)	Total No. of mandays lost (In '000)	Total amount of wages lost ('000 Rs.)	Total value of production lost, (lakhs of Rs.)
1	2	3	4	5	6
1972	26	6,577	160	713	97
1973	63	18,655	149	671	64
1974	52	22,413	239	277	163
1975	36	11,311	297	2,300	239
1976	13	1,854	3	6	14
1977	33	10,382	48	280	49
1978	105	31,355	197	1,040	860
1979	107	17,831	292	..	..
1980	91	21,592	164	728	350
1981	90	27,037	289	7,730	959

SOURCE—Labour Commissioner, Orissa

Table No. 17-10

Earnings of industrial workers by major industry group in Orissa

Year and major industry groups	No. of factories		Total No. of days worked by all the units	Average No. of persons employed per day	Gross wages etc. (in '000Rs.)	Annual average earnings per workers (col.6+col.5)
	working	Reporting				
1	2	3	4	5	6	7
1972 ..	922	266	76,275	42,196	145,638	3.451
1973 ..	925	218	60,510	33,774	163,548	4.842
1974 ..	961	208	59,072	23,342	82,537	3.536
1975 ..	4,181	309	85,409	49,722	223,321	4.491
1976 ..	1,099	181	50,958	26,268	135,703	5.166
1977 ..	1,070	195	52,331	25,747	133,924	5.202
1978 ..	1,106	192	55,226	30,195	181,946	6.026
1979 ..	1,107	187	53,827	20,589	14,8810	7.228
1980 ..	1,298	508	124,925	20,402	117,820	5.775
1981 ..	1,427	303	88,930	22,638	291,973	12.898

SOURCE—Labour Commissioner, Orissa

**XVII. LABOUR AND EMPLOYMENT**  
**Table No. 17-10**

*Earnings of industrial workers by major industry group in Orissa*

Year and Major Industry Groups	No. of factories		Total No. of days worked by all the units	Average No. of persons employed per day	Gross wages etc. (in '000 Rs.)	Annual average earnings per worker Col. 6 ÷ Col. 5
	Working	Reporting				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>1981</b>						
Manufacture of food products ..	335	108	29,898	1,532	4,010	2·618
Manufacture of beverage, tobacco and tobacco products.	71	24	6,569	392	1,115	2·844
Manufacture of Cotton textiles ..	41	14	3,878	3,767	18,347	4·871
Manufacture of wood and wood Products, furniture and fixtures.	460	66	21,092	595	1,598	2·686
Manufacture of paper and Printing products and Printing, Publishing and allied Industries.	52	22	6,431	4,506	42,935	9·528
Manufacture of leather and leather products (except repairs).	4	..	..	..	..	..
Manufacture of non-metallic mineral products.	107	8	2,261	2,208	14,411	6·527
Basic metal and ferroalloys Industries	81	8	2,732	2,203	23,300	10·577
Manufacture of metal products and parts except machinery and transport equipment.	61	4	1,202	51	136	2·667
Manufacture of machinery, machine, tools and parts except electrical machinery.	41	16	4,867	1,261	11,966	9·489
Manufacture of chemicals and chemical products except petroleum and coal.	69	15	4,276	2,047	14,424	7·046
Manufacture of electrical machinery, apparatus, appliances and supplies and parts.	20	..	..	..	..	..
Manufacture of transport equipments and parts.	5	1	228	2,295	18,923	8·245
Electricity ..	10	..	..	..	..	..
Personal Services ..	1	1	303	16	37	2·313
Repair Services ..	69	16	5,193	1,765	10,771	6·103

Source—Labour Commissioner, Orissa

## XVII. LABOUR AND EMPLOYMENT

Table No. 17-11

*Operation of Workmen's Compensation Act, 1923 in different districts of Orissa*

Year/District	Cases pending at the beginning of the year	Cases filed during the year	Cases received for disposal from other Commissioners	Cases transferred to other Commissioner for disposal	Cases disposed of without notice to other party	Cases disposed of after notice to other party	Total Cases disposed	Cases pending at the end of the year
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1972 ..	446	560	7	12	13	581	678	360
1973 ..	360	399	13	15	24	309	428	344
1974 ..	344	318	18	17	26	190	345	335
1975 ..	335	247	10	7	9	126	230	362
1976 ..	362	332	26	26	27	171	305	415
1977 ..	415	300	9	25	30	169	322	402
1978 ..	402	296	17	8	21	202	298	417
1979 ..	417	334	20	13	8	184	270	473
1980 ..	342	192	8	6	126	195	139	402
1980								
Balasore ..	12	9	..	..	..	..	..	21
Balangir ..	..	..	..	..	..	..	..	..
Cuttack ..	91	20	..	2	2	23	27	84
Dhenkanal ..	6	9	..	..	2	2	4	11
Ganjam ..	14	32	2	..	..	10	10	24
Kalahandi ..	5	7	..	..	..	5	5	7
Keonjhar ..	31	16	..	..	..	5	5	42
Koraput ..	100	31	1	..	120	109	33	111
Phulbani ..	..	..	..	..	..	..	..	..
Puri ..	7	1	4	..	..	3	3	9
Mayurbhanj ..	18	7	1	..	..	7	8	19
Sambalpur ..	23	17	..	1	..	..	8	32
Sundargarh ..	35	43	..	3	2	31	36	42

Source—Commissioners, Workmen's Compensation, Orissa

## XVII. LABOUR AND EMPLOYMENT

Table No. 17.12

*Payment of compensation Workmen's Compensation Act, 1923 in Orissa*

Year/Industries	Average No. of workers employed per day	Accidents			Amount of compensation paid		
		No. of cases of injuries in respect of which final compensation has been paid					
		Death	Permanent disable- ment	Temporary disable- ment	Death	Permanent disablement	Temporary disablement
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1972 ..	45,639	74	52	673	4,45,384	1,15,197	44,992
1973 ..	52,458	55	41	474	3,86,753	92,556	17,391
1974 ..	66,317	40	12	380	2,65,332	38,624	40,081
1975 ..	61,637	23	7	297	1,42,450	20,742	18,149
1976 ..	10,873	26	26	107	2,16,218	39,991	20,574
1977 ..	31,729	52	29	1,120	6,22,197	81,370	2,72,024
1978 ..	18,386	42	12	72	5,20,130	55,387	1,03,259
1979 ..	19,023	61	34	65	6,18,224	2,88,141	54,236
1980 ..	35,561	44	260	69	8,99,309	3,73,440	90,445
1980							
<b>Adults</b>							
Factories ..	24,009	12	241	29	2,98,020	2,22,689	48,327
Mines ..	7,505	4	8	38	10,060	87,340	40,292
Docks and ports ..	..	..	..	..	..	..	..
Building and constructions.	61	6	..	1	1,07,220	..	62
Municipalities and local bodies.	970	2	..	..	18,293	..	..
Miscellaneous ..	3,016	20	11	1	16,436	63,411	1,764

Source—Commissioners, Workmen's Compensation, Orissa

## XVII. LABOUR AND EMPLOYMENT

Table No. 17-13

*Number of Registered Trade Unions and their members in different districts of Orissa*

Year/District	No. of Trade Unions Registered during the year				
	1977	1978	1979	1980	1981
(1)	(2)	(3)	(4)	(5)	(6)
Balasore ..	35	37	42	45	50
Balangir ..	3	5	5	5	6
Cuttack ..	144	149	160	184	206
Dhenkanal ..	37	38	45	48	55
Ganjam ..	40	46	52	58	61
Kalahandi ..	1	1	1	2	3
Keonjhar ..	19	21	26	29	32
Koraput ..	26	29	31	33	35
Mayurbhanj ..	8	10	11	16	17
Phulbani ..	..	1	2	3	3
Puri ..	99	99	114	130	143
Sambalpur ..	49	50	51	54	58
Sundargarh ..	49	49	58	64	69
State Total ..	510	535	598	671	738

Year/District	Number of members of the Trade Unions during the year				
	1977	1978	1979	1980	1981
(1)	(7)	(8)	(9)	(10)	(11)
Balasore ..	3,615	4,006	5,263	5,316	6,446
Balangir ..	442	757	823	814	834
Cuttack ...	38,355	40,206	48,275	61,461	68,040
Dhekanal ..	13,210	13,565	14,341	16,843	16,257
Ganjam ..	6,113	7,488	12,835	14,338	13,588
Kalahandi ..	215	210	210	220	705
Keonjhar ..	23,251	25,220	32,132	32,950	36,600
Koraput ..	8,489	7,843	8,388	10,254	12,329
Mayurbhanj ..	1,718	2,088	1,439	1,770	2,173
Phulbani ..	..	71	150	180	180
Puri ..	15,700	21,708	28,482	40,037	63,749
Sambalpur ..	23,743	24,647	24,586	27,550	28,423
Sundargarh ..	71,756	95,517	1,11,615	1,25,022	1,21,007
State Total ..	2,06,607	2,43,326	2,88,539	3,36,755	3,70,331

Source—Labour Commissioner, Orissa



### XVIII. WAGES AND PRICES

The statistical tables presented in this chapter contain information on Index numbers of wholesale and retail prices of some important commodities along with their prices in Orissa, Parity indices of the agricultural farmers in Orissa, consumer Price Index numbers for working classes of Cuttack and Berhampur Centre, Consumer Price Index number of Industrial workers of Barbil, Sambalpur and Rourkela centres and all India Agricultural Labourers of Orissa and all India Urban non-manual employees of Cuttack, Berhampur and Sambalpur Centres, cost of selected items of farm cultivation, Rural daily wages of different classes of labourers in Orissa, Market Price of building construction materials and wages of building labour for eight different centres, Price Index number of building materials, wage index of building labour and Building cost Index of 'G' type residential building for Bhubaneswar centre.

#### Index Number of retail prices of some important commodities

The index number of retail price of rice with 1939 as base year has increased by 68.58% during the last 9 years ending in 1980, whereas that of wheat has increased by 60.30%. The retail price indices of remaining commodities have also increased by more than 47%, highest being 133.82% in case of Kerosene followed by Arhar, Mung, Gram, cloth, Salt, Biri and Ragi. During the year 1978, the price indices of rice and wheat have slightly decreased.

#### Index number of wholesale price of some important commodities

The index number of wholesale price of all commodities with 1939 as base year have shown increasing trend during the last nine years. Price index of rice has increased by 61% whereas the increase of price index of all other commodities was more than 63% highest being in case of gram followed by Arhar, Mung, Mustard, Jute, Gur, Vansapati, Salt and the lowest in wheat.

#### Parity Index number of the agricultural farmers

It is the ratio between the index number of price paid and received by the farmer. The parity index has shown decreasing trend since 1974. This has declined from 104.40% in 1972 to 97.27% in 1980. The parity index numbers which are less than one hundred indicate that the farmers receive more than what they pay.

#### Consumers' Price Index of working class

Such index has an increasing trend. The price index of food group has increased by 90.91% for Cuttack centre whereas the increase in respect of Berhampur is 108.93% during the period from 1972 to 1981. The General index has increased by 99.27% in Cuttack centre as against 115.4% in Berhampur centre during the period. The price index of both the centres in 1979 was more than that of the All India Index.

#### Consumers, price index number for industrial workers

The all India index was higher than that of Barbil and Rourkela in 1981 whereas the index of Sambalpur was higher than all India index in 1981. During the last ten years the increase in the price index number for Barbil, Sambalpur and Rourkela and All India was in the tune of 106.15%, 113.61%, 120.71% and 117.87% respectively.

#### Consumers, Price Index number for Agricultural labour

This index (General) for Orissa was higher than that of All India for all the years from 1972 to 1981. The difference was more in the year 1975 in comparison to other years. The General index for Orissa increased in 1981 over 1980 by 13.61% whereas the increase in all India Index in the same year was 39%. Since then, such index for Orissa as well as for India was in lower level for each year.

#### Consumers, price Index number for urban non- manual employees

This price index was in an increasing trend for all the years except for 1976 in the State and all India level. During the last ten years from 1972 to 1981 the index increased by 99.5 per cent 97 per cent and 115.1 per cent in Cuttack-Berhampur centre, Sambalpur centre and all India respectively.

#### Cost of selected items of farm cultivation

During the period from 1971 to 1979 the cost of all items of farm cultivation shows an increasing trend. The percentage of increase in 1980 over 1971 was 90.52 per cent, 120.59 per cent, 160.17 per cent, 102.28 per cent, 177.78 per cent, 103.65 per cent, 152.83 per cent, 110.67 per cent and 118.99 per cent in respect of Bullock, Plough, Spade, Sickle, Axe, Paddy Mung, Biri, and Bran respectively. The price of input including bran has also increased more than 102 per cent during these years. The increase in prices of paddy, mung, Biri and bran has varied between 103 per cent to 152 per cent.

### **Rural daily wages of different class of labours**

The daily wage of field labourers (Men) have increased by 131.49 per cent against the increase of 132.33 per cent, 166.37 per cent and 111.23 per cent of carpenters, cobblers and Black smith respectively during the period from 1971 to 1980. The daily wage of agricultural labour (Women and children) and hired man have increased by 176.55 per cent, 193.90 per cent and 187.87 per cent respectively.

### **Prices of Building materials**

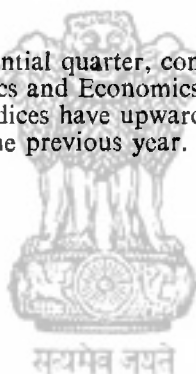
The prices of all the building materials are being collected from eight selected centers of Balasore, Bhubaneswar, Berhampur, Cuttack, Jeypore, Rourkela, Sambalpur and Talcher in the State quarterly from March 1973 by the Statistical cell of the Works Department and these have increased substantially during the period from 1973-74 to 1980-81 the highest percentage being 166.56% in case of Timber and the lowest of 11.55 per cent in A. C. sheets with their respective increase of 17.06% and 3.12% over the previous year.

### **Wages of Building labourers**

The daily wages of mason carpenter and unskilled workers has considerably increased during eight years from 1973-74 to 1980-81 the percentage being 110.19%, 110.64% and 160.16% respectively with their respective increase of 6.69%, 0.05% and 15.78% over the previous year. The daily wages of mason, carpenter and unskilled workers varied from Rs. 7.36 to Rs. 15.47 Rs. 7.24 to Rs. 15.25 and Rs. 2.51 to Rs. 6.53 respectively during 1980-81. The wages of all classes of labourers were higher in Bhubaneswar than those of other centers during 1980-81. The wages of various type of building labour are being collected quarterly from eight centers by the statistical cell of Works Deptt. regularly from 1973 March.

### **Index number of Building cost**

The building cost index of 'G' Type residential quarter, constructed in Bhubaneswar capital of the State, are being worked out by the Bureau of Statistics and Economics, quarterly with effect from the quarter ending March 1973 with 1972 as Base year. These indices have upward trend during the period from 1973 to 1981. It was 314 in the year 1981 as against 279 in the previous year.



## XVIII. WAGES AND PRICES

Table No. 18-01

Retail Prices of some Important commodities in Orissa

Year/District		Price per Kg. in Rs.				
		Rice	Wheat	Ragi	Mung	Gram
(1)		(2)	(3)	(4)	(5)	(6)
1971	...	1.06	0.99	0.66	1.51	N.A.
1972	...	1.24	1.01	0.96	1.89	N.A.
1973	...	1.29	0.99	1.03	2.28	2.03
1974	..	1.83	1.36	1.38	2.44	2.70
1975	...	2.24	1.55	1.62	2.96	2.58
1976	...	1.64	1.50	1.22	2.08	1.96
1977	..	1.65	1.47	1.39	2.50	2.16
1978	..	1.62	1.38	1.44	3.16	2.72
1979	..	1.74	1.49	1.29	3.59	2.77
1980	..	2.09	1.62	1.34	3.92	3.87
<b>1979</b>						
Balasore	..	1.77	1.49	2.00	3.41	2.77
Balangir	..	1.61	1.50	1.19	3.97	2.78
Cuttack	...	1.82	1.51	1.14	3.25	2.79
Dhenkanal	..	1.70	1.48	1.03	3.62	2.89
Ganjam	...	1.64	1.48	1.06	3.42	2.74
Kalahandi	..	1.68	1.50	1.30	3.78	2.57
Keonjhar	...	1.89	1.53	..	3.61	2.81
Koraput	..	1.62	1.37	1.15	3.52	2.78
Phulbani	...	1.67	1.42	1.00	3.51	2.81
Puri	...	1.71	1.50	1.40	3.41	2.82
Mayurbhanj	...	1.92	1.52	1.00	3.54	2.85
Sambalpur	...	1.78	1.53	1.98	3.86	2.72
Sundargarh	...	1.83	1.57	1.24	3.81	2.62
<b>1980</b>						
Balasore	...	2.02	1.54	1.70	3.77	3.99
Balangir	...	2.00	1.60	1.48	4.13	3.83
Cuttack	..	2.20	1.65	1.42	3.67	3.87
Dhenkanal	...	2.24	1.63	1.30	3.97	3.69
Ganjam	..	1.98	1.62	1.17	3.68	3.98
Kalahandi	..	2.12	1.61	1.30	4.16	3.80
Keonjhar	...	2.16	1.61	1.00	3.93	3.89
Koraput	..	1.93	1.56	1.24	3.82	3.96
Mayurbhanj	..	2.17	1.65	1.12	3.50	4.03
Phulbani	...	1.93	1.52	1.06	3.86	3.81
Puri	..	2.07	1.65	1.47	3.94	3.96
Sambalpur	..	2.11	1.63	1.86	4.21	3.68
Sundargarh	..	2.18	1.75	1.38	4.31	3.84

## XVIII. WAGES AND PRICES

Table No. 18-01

Retail Prices of some Important commodities in Orissa

Year/District		Price per Kg. in Rs.				
		Biri	Arhar	Salt	Kerosene Oil per litre in Rs.	Cloth (per metre) in Rs.
(1)		(7)	(8)	(9)	(10)	(11)
1971	...	1.57	1.82	0.23	0.69	2.01
1972	...	1.94	2.01	0.24	0.73	2.34
1973	...	1.97	2.48	0.23	0.78	2.63
1974	...	1.98	3.34	0.32	1.12	3.55
1975	...	2.18	2.95	0.30	1.25	3.76
1976	...	2.16	2.29	0.26	1.37	3.40
1977	...	2.68	3.74	0.28	1.38	3.78
1978	...	2.87	4.89	0.39	1.42	3.84
1979	...	2.97	4.74	0.43	1.58	4.03
1980	...	2.87	4.69	0.45	1.71	4.41
<b>1979</b>						
Balasore	...	2.67	4.88	0.42	1.53	2.72
Balangir	...	3.15	3.00	0.37	1.56	4.22
Cuttack	...	2.47	4.62	0.40	1.56	3.69
Dhenkanal	...	2.84	4.83	0.42	1.56	3.27
Ganjam	...	2.98	4.42	0.43	1.56	5.14
Kalahandi	...	3.06	4.77	0.39	1.63	5.78
Keonjhar	...	3.25	4.87	0.50	1.68	3.41
Koraput	...	3.00	4.55	0.37	1.60	4.22
Phulbani	...	3.23	4.55	0.38	1.57	4.85
Puri	...	2.77	4.57	0.41	1.60	3.67
Mayurbhanj	...	3.09	4.87	0.45	1.60	2.78
Sambalpur	...	3.04	4.82	0.44	1.54	4.15
Sundargarh	...	3.11	4.89	0.64	1.56	4.52
<b>1980</b>						
Balasore	...	2.55	4.80	0.44	1.64	3.39
Balangir	...	3.05	4.78	0.39	1.67	4.28
Cuttack	...	2.35	4.68	0.40	1.74	3.91
Dhenkanal	...	2.65	4.60	0.42	1.72	4.02
Ganjam	...	2.86	4.36	0.46	1.70	5.36
Kalahandi	...	3.01	4.58	0.40	1.81	5.45
Keonjhar	...	2.72	4.78	0.48	1.76	3.87
Koraput	...	2.92	4.40	0.45	1.75	5.45
Mayurbhanj	...	2.91	5.77	0.47	1.70	3.14
Phulbani	...	3.19	4.44	0.35	1.71	4.20
Puri	...	2.47	4.47	0.46	1.68	3.91
Sambalpur	...	3.23	4.66	0.45	1.70	5.33
Sundargarh	...	3.47	4.79	0.67	1.68	5.05

Source—Bureau of Statistics &amp; Economics, Orissa.

## XVIII. WAGES AND PRICES

Table No. 18-02

Wholesale Prices of some important commodities in Orissa (In Rs. per quintal)

Year/District	Rice	Wheat	Biri	Mung
(1)	(2)	(3)	(4)	(5)
1971	100.11	92.83	144.22	139.83
1972	120.68	95.55	188.62	175.66
1973	125.71	93.58	183.51	211.69
1974	177.81	134.75	178.70	225.68
1975	209.96	149.19	202.66	231.46
1976	157.28	146.22	202.23	188.40
1977	158.95	142.32	253.33	234.16
1978	154.36	132.22	268.30	299.33
1979	167.70	149.03	275.20	339.69
1980	194.29	156.25	257.61	363.59
1979				
Balasore	168.36	143.52	251.17	323.21
Balangir	153.04	140.20	281.10	371.63
Cuttack	169.70	144.94	236.59	311.92
Dhenkanal	173.70	145.16	263.25	348.69
Ganjam	158.19	140.58	283.60	326.22
Kalahandi	158.91	130.95	272.54	340.10
Keonjhar	179.72	143.94	306.35	339.53
Koraput	155.48	133.10	277.51	323.85
Phulbani	162.68	136.92	310.26	355.93
Puri	174.94	143.82	243.36	328.80
Mayurbhanj	187.74	146.17	277.24	356.87
Sambalpur	163.29	144.59	279.85	350.71
Sundargarh	174.30	149.03	294.84	358.54
1980				
Balasore	186.60	154.98	231.55	347.47
Balangir	190.96	152.26	274.50	349.15
Cuttack	200.74	159.58	217.21	352.81
Dhenkanal	211.32	161.17	253.22	393.79
Ganjam	181.81	154.00	260.09	339.67
Kalahandi	168.37	145.36	266.32	346.13
Keonjhar	194.27	157.20	240.82	357.65
Koraput	185.06	149.75	279.41	353.57
Mayurbhanj	207.96	155.12	263.36	349.51
Phulbani	185.15	143.47	277.98	359.20
Puri	200.94	158.67	222.95	374.91
Sambalpur	197.03	161.21	283.32	385.00
Sundargarh	202.48	168.50	278.38	417.81

## XVIII. WAGES AND PRICES

Table No. 18-02

Wholesale prices of some important commodities in Orissa (In Rs. per quintal)

Year/District	Kulthi	Bunt dal	Arhar dal	Mustard
(1)	(6)	(7)	(8)	(9)
1971	65.08	112.17	168.11	204.63
1972	86.78	133.90	187.37	213.15
1973	107.81	181.49	231.01	290.20
1974	128.88	297.11	290.32	359.91
1975	127.58	270.99	269.36	274.63
1976	97.66	195.90	209.85	235.98
1977	116.94	213.86	351.07	444.62
1978	111.09	288.50	464.68	415.58
1979	113.27	290.83	441.82	389.15
1980	136.85	283.09	441.19	474.76
1979				
Balasore	135.88	284.68	436.95	384.04
Balangir	93.16	280.58	456.23	379.88
Cuttack	93.13	289.65	437.29	384.41
Dhenkanal	98.86	295.29	450.04	397.85
Ganjam	98.61	283.17	421.81	370.56
Kalahandi	106.68	286.00	432.85	363.33
Keonjhar	109.47	310.24	461.88	409.96
Koraput	96.30	289.25	428.34	365.64
Phulbani	106.14	302.68	435.17	354.97
Puri	100.53	293.08	434.19	395.73
Mayurbhanj	101.36	302.47	453.36	444.59
Sambalpur	122.56	274.17	440.16	398.67
Sundargarh	211.85	289.55	455.38	409.33
1980				
Balasore	188.26	381.50	314.62	487.81
Balangir	120.35	360.25	457.58	415.40
Cuttack	122.84	375.25	447.08	480.95
Dhenkanal	131.95	402.45	447.04	517.73
Ganjam	118.20	387.00	419.66	483.28
Kalahandi	118.87	382.91	431.13	432.25
Keonjhar	147.04	403.00	473.10	513.88
Koraput	114.58	387.21	419.47	454.11
Mayurbhanj	134.46	356.42	458.78	468.43
Phulbani	122.80	342.27	450.30	472.53
Puri	132.13	415.30	424.03	500.95
Sambalpur	135.16	380.85	435.60	469.72
Sundargarh	192.00	405.80	466.20	474.90

## XVIII. WAGES AND PRICES

Table No. 18-02

Wholesale prices of some important commodities in Orissa (In Rupees per quintal)

Year/District	Sugar	Gur (Local)	Salt white	Tobacco	Ghee (Vanaspati)	Jute
(1)	(10)	(11)	(12)	(13)	(14)	(15)
1971	192.86	113.89	16.43	527.64	604.50	112.66
1972	299.64	146.24	16.78	800.00	605.50	130.42
1973	342.82	178.43	16.81	768.68	30.36	156.01
1974	402.19	171.33	23.59	891.06	43.71	133.50
1975	408.59	173.68	21.78	954.62	930.39	145.43
1976	406.72	192.98	18.76	2207.00	789.73	145.29
1977	397.61	179.32	19.44	1152.91	1028.32	180.33
1978	274.45	144.53	28.24	1007.18	984.61	172.74
1979	278.80	157.41	31.42	861.70	1098.69	223.23
1980	560.10	303.06	32.02	926.74	1230.15	267.31
1979						
Balasore	269.09	148.95	32.56	901.17	1060.05	123.75
Balangir	272.88	158.74	27.28	730.00	1075.12	163.67
Cuttack	276.31	135.27	29.45	832.31	1093.12	195.48
Dhenkanal	285.50	159.36	35.52	888.57	1107.39	..
Ganjam	273.93	158.10	26.64	761.52	1096.52	..
Kalahandi	269.40	164.75	27.98	850.00	1104.77	261.00
Keonjhar	294.81	117.04	36.12	989.98	1090.68	189.18
Koraput	266.58	171.30	27.54	..	1135.66	155.00
Phulbani	282.58	205.49	26.24	698.97	1086.97	235.00
Puri	282.08	158.68	28.02	906.23	1095.68	219.17
Mayurbhanj	287.80	167.86	35.79	965.75	1173.52	..
Sambalpur	281.53	143.41	30.91	915.87	1075.46	450.00
Sundargarh	283.51	..	44.42	900.00	1087.97	240.00
1980						
Balasore	544.25	254.66	30.73	923.15	1162.16	180.00
Balangir	554.43	295.75	25.37	987.18	1126.35	187.73
Cuttack	569.13	343.10	31.19	863.11	1229.10	200.10
Dhenkanal	585.69	404.11	36.86	..	1172.73	..
Ganjam	594.72	301.50	30.75	917.75	1254.03	..
Kalahandi	537.88	243.14	29.02	..	1128.91	..
Keonjhar	527.06	311.85	35.75	849.70	1270.12	161.88
Koraput	552.76	305.14	28.55	407.00	1244.72	500.00
Mayurbhanj	491.77	280.60	35.37	..	1246.00	485.00
Phulbani	503.91	251.51	26.79	783.62	1246.00	165.00
Puri	613.41	332.85	31.56	988.00	1261.49	176.09
Sambalpur	601.90	302.55	29.90	1047.91	1231.55	..
Sundargarh	604.43	..	44.50	1500.00	1218.72	350.00

## XVIII. WAGES AND PRICES

Table No. 18-03

Cost of selected items of "Farm Cultivation in Orissa

Year/District	Price of Agricultural Implements in rupees					
	Price of Bullocks per pair in Rs.	Plough	Ploughsare	Spade	Sickle	Axe
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971	698.78	8.55	3.06	6.10	1.32	5.58
1972	698.40	8.55	3.06	6.10	1.32	5.58
1973	781.21	8.34	3.24	7.94	1.56	6.00
1974	909.53	10.32	4.35	10.99	1.79	7.85
1975	1,043.27	12.42	4.61	12.99	1.92	9.33
1976	1,120.62	12.96	5.41	13.43	2.24	9.77
1977	1,031.03	12.88	6.45	13.61	1.87	9.78
1978	1,081.68	12.58	6.93	13.15	1.92	9.59
1979	1,986.15	16.73	..	15.17	2.64	13.91
1980	1,331.27	18.86	..	15.87	2.67	15.50
1979						
Balsore	1,026.31	18.81	..	14.93	1.84	16.81
Balangir	1,557.22	18.00	..	13.11	3.42	13.95
Cuttack	2,408.33	29.75	..	15.70	1.87	23.14
Dhenkanal	1,583.33	15.50	..	15.17	2.32	11.67
Ganjam	1,086.39	20.14	..	17.14	2.69	18.56
Kalahandi	1,254.17	11.81	..	15.18	1.96	14.67
Keonjhar	1,123.33	14.70	..	15.20	2.29	11.49
Koraput	1,780.56	15.53	..	13.94	1.92	11.50
Phulbani	989.06	14.45	..	14.61	2.32	10.56
Puri	1,615.56	22.47	..	19.97	3.70	99.68
Mayurbhanj	1,366.57	11.06	..	12.04	1.83	9.61
Sambalpur	1,315.28	10.67	..	13.56	4.36	8.96
Sundargarh	1,122.22	14.55	..	15.87	3.80	10.26
1980						
Balasore	1,120.14	21.64	..	16.17	28.17	17.21
Balangir	1,175.56	22.07	..	14.70	3.59	15.28
Cuttack	2,570.14	31.57	..	16.92	21.94	25.89
Dhenkanal	1,624.31	21.73	..	16.45	2.61	16.37
Ganjam	1,005.56	20.06	..	15.54	2.13	17.78
Kalahandi	1,085.42	12.46	..	14.06	2.77	15.67
Keonjhar	1,191.39	16.56	..	15.83	1.93	12.76
Koraput	943.75	14.14	..	15.91	2.15	12.46
Mayurbhanj	1,373.32	11.63	..	12.88	2.88	10.79
Phulbani	964.17	14.86	..	16.57	2.26	12.52
Puri	1,914.58	25.87	..	18.60	2.81	20.60
Sambalpur	1,272.22	14.96	..	16.27	4.30	11.14
Sundargarh	1,065.97	17.86	..	16.44	3.95	13.07



## XVIII. WAGES AND PRICES

Table No. 18-03

Cost of selected items of "Farm cultivation" in Orissa

Year/District	Price of seed per quintal in rupees			
	Paddy	Mung	Biri	Bran (Cattle feed)
(1)	(8)	(9)	(10)	(11)
1971	61.97	155.01	143.81	12.03
1972	61.97	155.01	143.81	12.03
1973	82.35	217.86	192.82	13.16
1974	105.76	253.22	213.58	16.99
1975	139.53	274.40	237.67	18.65
1976	111.08	241.31	222.75	17.36
1977	111.19	276.63	267.34	18.15
1978	109.67	323.28	289.96	21.29
1979	118.33	373.44	310.31	25.23
1980	126.20	391.90	302.96	26.32
<b>1979—</b>				
Balsore	119.07	338.20	254.31	32.50
Balangir	120.92	440.53	343.11	15.42
Cuttack	126.64	347.64	235.97	33.28
Dhenkanal	135.00	367.50	290.90	29.33
Ganjam	110.38	353.14	301.81	21.06
Kalahandi	126.99	355.42	293.20	14.82
Keonjhar	124.22	380.17	294.67	17.20
Koraput	106.70	446.34	388.89	20.17
Phulbani	104.48	377.14	372.50	20.83
Puri	123.92	370.92	283.78	45.56
Mayurbhanj	111.08	307.67	299.00	27.22
Sambalpur	119.28	439.72	376.11	30.38
Sundargarh	109.56	330.31	300.69	20.17
<b>1980—</b>				
Balasore	125.78	341.39	239.74	29.22
Balangir	138.34	467.83	366.29	21.74
Cuttack	133.09	368.45	236.39	23.97
Dhenkanal	134.47	394.17	304.17	15.86
Ganjam	119.02	348.49	291.69	25.73
Kalahandi	130.66	310.92	326.60	19.29
Keonjhar	117.06	373.14	289.23	21.15
Koraput	113.84	390.29	318.10	25.94
Mayurbhanj	120.18	353.34	264.59	31.91
Phulbani	121.03	397.57	329.66	25.27
Puri	134.59	394.92	276.29	43.65
Sambalpur	129.32	425.17	333.47	34.06
Sundargarh	123.21	428.98	362.30	24.36

Sources—Bureau of Statistics &amp; Economics, Orissa

## XVIII. WAGES AND PRICES

Table No. 18-04

Rural daily wages of different classes of Labourers in Orissa (in Rs.)

Year/District	Skilled Labour			Field Labour		
	Carpenter	Cobbler	Blacksmith	Men	Women	Children
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971	4.95	4.63	4.81	2.16	1.62	1.32
1972	5.22	3.42	4.83	2.30	1.72	1.39
1973	5.57	4.27	5.16	2.46	1.84	1.50
1974	6.54	5.24	6.03	2.89	2.24	1.85
1975	7.37	6.44	6.83	3.34	2.78	2.16
1976	8.15	6.81	7.21	3.93	3.57	2.72
1977	8.61	7.29	7.94	4.09	3.80	2.83
1978	9.01	7.78	8.19	4.21	3.80	2.95
1979	10.46	8.76	9.23	4.55	3.96	3.48
1980	14.50	9.74	10.16	5.00	4.30	3.81
<b>1979—</b>						
Balasore	9.22	8.53	8.64	4.59	3.72	4.27
Balangir	11.31	9.50	9.32	4.25	4.01	3.81
Cuttack	11.47	8.86	12.30	5.16	4.60	3.88
Dhenkanal	10.87	8.49	8.49	4.78	5.57	3.25
Ganjam	10.97	9.45	9.97	5.06	3.58	3.09
Kalahandi	10.99	8.74	7.93	4.05	3.89	3.52
Keonjhar	8.41	8.41	8.50	4.40	3.50	3.18
Koraput	10.90	8.49	9.22	4.16	3.38	2.85
Phulbani	10.22	10.67	9.89	4.51	4.22	3.58
Puri	10.36	8.51	9.39	5.26	4.50	3.75
Mayurbhanj	9.51	7.38	9.90	4.28	3.59	3.41
Sambalpur	9.76	8.10	7.89	4.25	3.37	3.12
Sundargarh	11.95	8.66	9.03	4.40	3.56	3.48
<b>1980—</b>						
Balasore	10.06	8.58	9.45	5.35	4.34	3.99
Balangir	11.68	9.96	10.48	4.55	4.13	3.78
Cuttack	12.89	10.56	13.27	5.65	5.09	4.02
Dhenkanal	11.65	9.52	10.22	5.17	4.28	3.83
Ganjam	12.04	10.93	10.94	5.72	4.37	3.66
Kalahandi	11.86	8.55	8.45	4.65	4.14	3.60
Keonjhar	9.90	9.11	8.96	4.43	3.85	3.53
Koraput	11.94	9.43	10.29	4.52	3.97	3.36
Mayurbhanj	9.83	9.40	10.11	4.58	3.86	3.55
Phulbani	12.36	11.51	11.46	4.90	4.87	4.82
Puri	11.67	10.18	9.82	5.81	5.17	4.27
Sambalpur	10.59	8.43	8.86	4.64	3.53	4.00
Sundargarh	12.91	10.52	9.79	5.07	4.32	3.91

## XVIII—WAGES AND PRICES

Table No. 18-04

Rural daily wages of different classes of labourers in Orissa (in Rs.)

Year/District (1)	Other agricultural labour			
	Men (8)	Women (9)	Children (10)	Headsman (11)
1971	2.16	1.62	1.31	1.73
1972	2.27	1.72	1.39	1.68
1973	2.49	1.85	1.51	1.83
1974	2.97	2.28	1.86	2.23
1975	3.32	2.77	2.14	2.72
1976	4.01	3.57	2.70	3.77
1977	4.17	3.83	2.84	3.84
1978	4.21	3.80	2.91	3.95
1979	4.87	4.07	3.53	4.56
1980	5.37	4.48	3.85	4.98
1979—				
Balasore	4.95	3.84	3.46	4.09
Balangir	4.60	4.11	3.40	4.41
Cuttack	5.51	4.98	4.01	5.00
Dhenkanal	4.89	3.93	3.18	4.48
Ganjam	5.69	4.11	3.18	4.81
Kalahandi	4.28	3.65	3.45	4.31
Keonjhar	4.90	4.30	3.68	4.27
Koraput	4.54	3.23	2.65	3.64
Phulbani	4.63	4.13	3.48	4.62
Puri	5.45	4.60	3.69	4.54
Mayurbhanj	4.52	3.99	3.53	5.36
Sambalpur				
Sundergarh	4.64	3.61	3.24	4.70
1980—	4.76	4.67	3.94	4.99
Balasore	5.74	4.83	4.36	4.77
Balangir	4.68	4.06	4.00	5.23
Cuttack	6.26	5.29	4.55	5.62
Dhenkanal	5.23	4.35	3.59	5.07
Ganjam	5.90	4.17	3.56	5.11
Kalahandi	5.02	4.35	3.49	4.48
Keonjhar	4.92	4.25	3.38	4.42
Koraput	4.99	3.58	2.95	4.12
Mayurbhanj	5.05	4.86	4.42	5.56
Phulbani	5.11	4.75	3.93	5.10
Puri	6.09	5.19	3.47	4.93
Sambalpur	5.15	3.91	4.23	5.36
Sundargarh	5.61	4.64	4.11	5.22

Source—Bureau of Statistics &amp; Economics, Orissa

## XVIII. WAGES AND PRICES

Table No. 18-05

Index Number of Retail Prices of some important Commodities (Un-weighted) in Orissa

(Base—1939=100)

Year		Rice	Wheat	Biri	Mung	Gram
(1)		(2)	(3)	(4)	(5)	(6)
1972	..	1,512	927	1,848	1,817	N.A.
1973	..	1,573	908	1,952	2,192	2,051
1974	..	2,232	1,248	1,876	2,356	2,778
1975	..	2,720	1,482	2,086	2,375	2,606
1976	..	2,000	1,376	2,057	2,000	1,980
1977	..	2,012	1,349	2,552	2,404	2,182
1978	..	1,976	1,266	2,733	3,038	2,747
1979	..	2,122	1,367	2,829	3,452	2,798
1980	..	2,549	1,486	2,733	3,769	3,909
1981	..	..	..	..	..	..

Year		Ragi	Arhar	Salt	Cloth	Kerosene
(1)		(7)	(8)	(9)	(10)	(11)
1972	..	2,087	1,136	316	312	340
1973	..	2,152	1,401	303	348	363
1974	..	2,870	1,712	421	475	521
1975	..	3,261	1,661	395	499	586
1976	..	2,652	1,294	342	453	637
1977	..	3,022	2,113	368	501	642
1978	..	3,130	2,763	513	512	660
1979	..	2,804	2,678	566	537	735
1980	..	2,913	2,650	592	588	795
1981	..	..	..	..	..	..

Source—Bureau of Statistics and Economics, Orissa, Bhubaneswar

## XVIII—WAGES AND PRICES

Table No. 18-06

Index number of wholesale prices (weighted) in Orissa, (Base 1939-100)

Year	Rice	Wheat	Mung	Biri	Arhar	Kulthi	Tabacco
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1972	1,637	891	1,872	2,010	1,165	1,138	1,816
1973	1,780	873	2,257	1,956	1,437	1,536	1,793
1974	2,413	1,257	2,406	1,905	1,805	1,836	2,078
1975	2,875	1,393	2,441	2,161	1,675	1,819	2,244
1976	2,134	1,351	2,008	2,156	1,305	1,391	2,815
1977	2,157	1,328	2,496	2,701	2,183	1,666	2,689
1978	2,095	1,234	3,572	2,861	2,890	1,583	2,350
1979	2,275	1,390	4,054	2,934	2,748	1,614	2,010
1980	2,636	1,458	4,339	2,746	2,744	1,949	2,162
1981	..	..	..	..	..	..	..

Year	Sugar	Gram	Ghee (Vanaspati)	Mustard	Gur (Local)	Salt	Jute
(1)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1972	932	1,665	—452	1,325	839	250	866
1973	1,066	2,287	—23*	1,805	1,024	251	1,036
1974	1,251	3,237	—33*	2,238	983	352	887
1975	1,250	2,939	—695	1,708	997	325	966
1976	1,265	2,171	590	1,467	1,107	280	965
1977	1,237	2,477	768	2,765	1,029	290	1,197
1978	854	3,175	735	2,585	830	422	1,147
1979	867	3,617	820	2,420	904	469	1,482
1980	1,742	4,765	918	2,952	1,740	478	1,775
1981	..	..	..	..	..	..	..

Source—Bureau of Statistics and Economics, Orissa, Bhubaneswar

## XVIII—WAGES AND PRICES

Table No. 18-07

Parity Index of the farmers in Orissa (Base 1961-100)

Year		Index number of price received by the farmer	Index No. of prices paid by the farmer			Parity indices
			Domestic Expenditure	Cost of farm cultivation	Agriculture	
(1)		(2)	(3)	(4)	(5)	(6)
1972	..	226.08	223.53	182.93	216.55	104.40
1973	..	275.29	259.37	194.07	248.14	110.94
1974	..	291.42	279.05	207.54	266.76	109.24
1975	..	390.06	384.08	245.59	360.27	108.27
1976	..	455.68	442.60	287.98	416.02	109.53
1977	..	346.56	352.39	340.94	350.42	98.90
1978	..	359.78	371.68	350.65	368.06	97.75
1979	..	353.92	366.60	359.04	365.05	96.95
1980	..	384.76	391.39	415.46	395.57	97.27
1981						

Source—B. S. E., Orissa

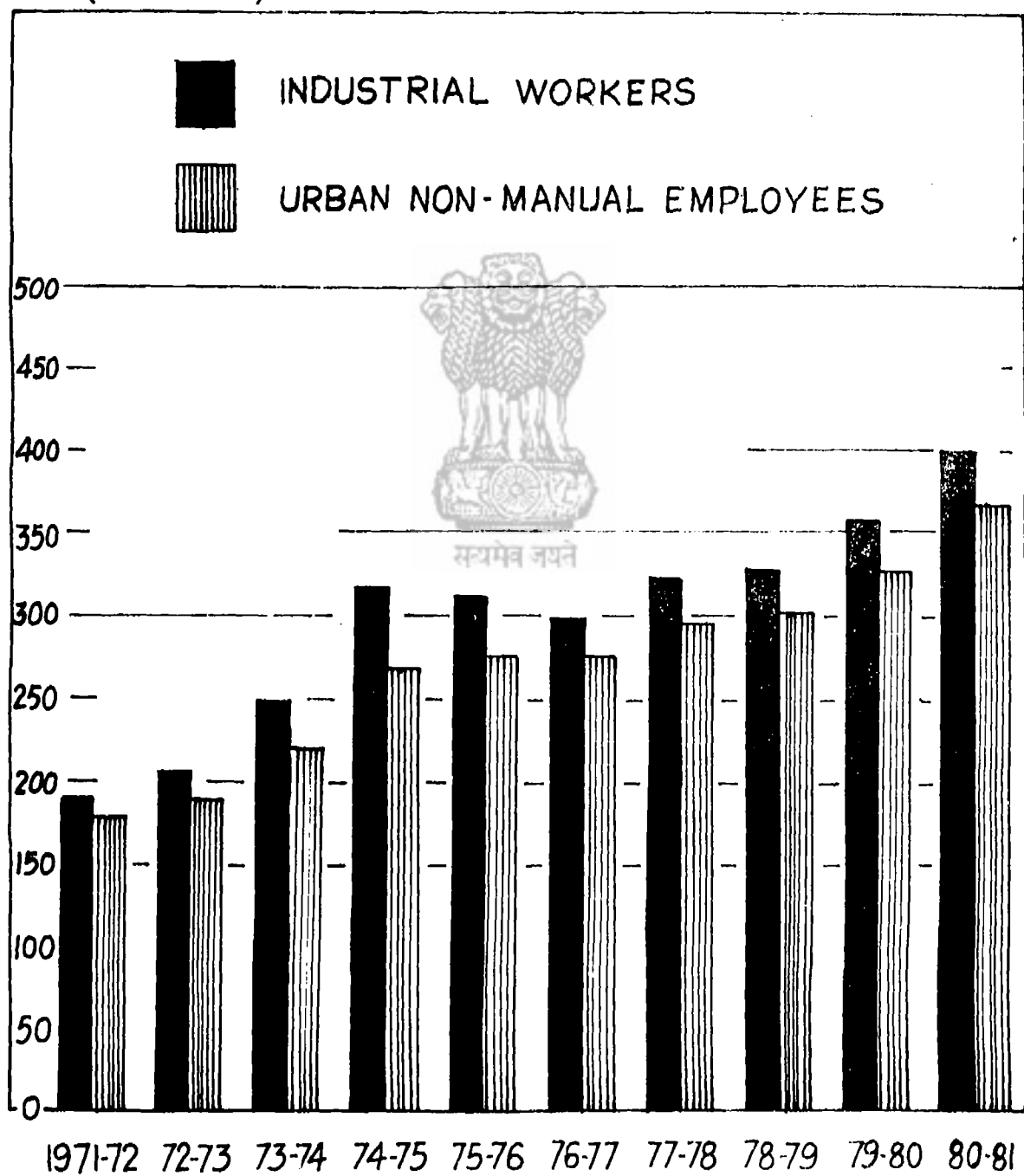
Table No. 18-08

Working class consumer price index numbers for Cuttack and Berhampur  
(Base 1949-100)

Year		Cuttack		Berhampur	
		Food Group	General	Food Group	General
(1)		(2)	(3)	(4)	(5)
1972	..	286	275	280	279
1973	..	308	289	336	325
1974	..	371	347	408	394
1975	..	412	391	507	471
1976	..	363	358	398	407
1977	..	400	389	421	430
1978	..	418	409	435	447
1979	..	444	446	487	497
1980	..	493	491	547	554
1981	..	546	548	585	601

Source—Bureau of Statistics and Economics, Orissa, Bhubaneswar

## CONSUMERS PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS & URBAN NON-MANUAL EMPLOYEES OF INDIA (BASE-1960)



## XVIII—WAGES AND PRICES

Table No. 18-09

Consumer Price Index numbers for Industrial workers in different  
Centres of Orissa

Centre/ Year	Pan, Supari, Tabacco and Intoxicants	Fuel and lighting	Housing	Clothing, Bedding and footwear	Misce- llaneous	General
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>Barabil (Base 1960-100)</b>						
1972	..	128	174	100	186	195
1973	..	132	162	100	221	213
1974	..	156	222	400	290	285
1975	..	202	266	100	327	266
1976	....	303	373	100	342	273
1977	..	297	373	100	373	312
1978	..	306	377	100	391	240
1979	..	283	394	100	413	360
1980	..	324	498	100	442	431
1981	..	373	602	100	478	459
<b>Sambalpur (Base 1960-100)</b>						
1972	..	179	226	167	163	199
1973	..	194	230	178	191	215
1974	..	235	290	186	300	280
1975	..	263	301	200	354	306
1976	..	288	321	214	394	313
1977	..	308	351	224	416	336
1978	..	328	362	238	411	344
1979	..	265	474	262	438	382
1980	...	370	504	274	519	450
1981	—	400	555	298	559	468



## XVIII—WAGES AND PRICES

Table No. 18-09

Consumer price Index Number for Industrial workers in different centres

Centres Year	Pan, Supari, Tobacco and Intoxicants	Fuel and lighting	Housing	Clothing Bedding and footwear	Miscel- laneous	General
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>Rourkela (Base 1966-100)</b>						
1972 ..	N. A.	N. A.	N. A.	N. A.	N. A.	140
1973 ..	N. A.	N. A.	N. A.	N. A.	N. A.	162
1974 ..	N. A.	N. A.	N. A.	N. A.	N. A.	204
1975 ..	237	231	179	269	179	224
1976 ..	232	212	187	243	186	205
1977 ..	239	207	471	245	196	254
1978 ..	250	213	488	256	193	243
1979 ..	301	276	499	273	213	260
1980 ..	332	302	525	292	239	281
1981 ..	358	333	549	309	268	309

Source—Labour Bureau, Government of India

Table No. 18-10

Consumer Price Index number of Agricultural labourers and Urban Non-Manual Employees in Orissa (Base 1960-100)

Year	Agricultural Labourers		Urban-Non-manual employees in	
	Food group Index Number	General Index	Cuttack and Bhubaneswar Centres	Sambalpur Centres
(1)	(2)	(3)	(4)	(5)
1972 ..	274	248	194	193
1973 ..	313	282	212	205
1974 ..	448	397	257	252
1975 ..	433	385	272	279
1976 ..	379	344	266	260
1977 ..	388	351	286	281
1978 ..	384	350	298	296
1979 ..	463	417	319	315
1980 ..	487	441	356	349
1981 ..	557	501	387	382

Source—Labour Bureau, Government of India

## XVIII. WAGES AND PRICES

Table No. 18-10

Market prices of building construction materials in different  
centres in the State of Orissa

Building construction materials—Prices in Rs.						
Year and name of the centres		Bricks (1st Class) ( per thousand)	Sand (Medium) (Per Cu. mtr.)	Stone ballast (15 m. m. gauge) (Per Cu. mtr.)	Lime (slaked) (Per Cu. mtr.)	Timber (salwood) (Per Cu. mtr.)
		(1)	(2)	(3)	(4)	(5)
1973-74	..	97.69	14.54	49.50	152.32	605.02
1974-75	..	104.94	12.38	49.68	312.78	613.38
1975-76	..	112.48	12.00	53.46	269.69	782.02
1976-77	..	131.03	11.22	58.77	273.40	958.28
1977-78	..	146.03	12.39	62.47	273.40	1,085.59
1978-79	..	163.63	13.24	66.28	274.20	1,246.89
1979-80	..	203.50	13.90	78.19	278.00	1,377.65
1980-81	..	206.78	17.66	82.28	301.25	1,612.69
<b>1980-81</b>						
Balasore	..	233.75	27.50	75.00	170.00	1,944.00
Berhampur	..	200.00	26.00	91.25	191.25	1,887.50
Bhubaneswar	..	280.00	18.00	120.00	320.00	1,897.50
Cuttack	..	252.50	12.15	60.00	375.00	1,737.50
Jeypore	..	140.00	..	90.00	..	1,665.00
Rourkela	..	150.00	40.00	64.00	450.00	1,400.00
Sambalpur	..	200.00	17.00	62.00	..	1,150.00
Talcher	..	198.00	19.00	96.00	..	1,220.00

## XVIII. WAGES AND PRICES

Table No. 18·11

Market prices of building construction materials in different centres in the State of Orissa

Building construction materials—Prices in Rs.						
Year and name of the centres		Cement (Per M. Ton)	Steel (6 m. m. diameter) (per M. Ton.)	Asbestos Cement sheets (corrugated) (Per M. Ton.)	Tiles (country) (Per thousand)	Paints and varnishes (varnish paint) (Per litre)
(1)		(7)	(8)	(9)	(10)	(11)
1973-74	..	261·24	2,278·27	1,090·83	1,18·75	11·05
1974-75	..	332·27	2,520·08	1,488·75	46·50	11·91
1975-76	..	396·75	2,294·72	2,226·00	73·08	14·65
1976-77	..	400·28	2,270·15	1,103·06	1,85·75	19·20
1977-78	..	415·19	2,388·09	1,287·50	2,60·33	18·61
1978-79	..	442·59	2,633·91	1,180·00	3,13·40	20·40
1979-80	..	566·44	3,544·87	1,180·00	4,28·73	21·15
1980-81	..	622·19	4,265·31	1,216·75	4,53·07	24·54
1980-81						
Balasore	..	600·00	4,250·00	75·00 (2·5 M. Ton.)	..	25·00
Berhampur	..	700·00	4,625·00	36·25 (Per sqr. Meter)	1,21·50	27·75
Bhubaneswar	..	650·00	4,725·00	1,250·00	8,00·00	30·00
Cuttack	..	595·00	3,525·00	1,277·00	7,00·00	26·00
Jeypore	..	575·00	4,860·00	34·00 (Per Mtr.)	80·00	20·00
Rourkela	..	630·00	4,187·50	680·00	60·00	15·00
Sambalpur	..	600·00	3,500·00	1,660·00	1,10·00	..
Talcher	..	627·50	4,450·00	62·00 (Per 2 M. long)	13,00·00	28·00

## XVIII. WAGES AND PRICES

Table No. 18.12

Wages of building labourers in different centres in the State of Orissa

Years and name of the centres	Wages in Rs. per day.		
	Mason (1st Class)	Carpenter (1st Class)	Unskilled workers (Male)
(1)	(2)	(3)	(4)
1973-74 ..	7.36	7.24	2.51
1974-75 ...	8.83	8.94	3.19
1975-76 ..	9.45	9.52	3.60
1976-77 ..	10.91	10.89	4.16
1977-78 ..	12.34	12.72	4.60
1978-79 ..	13.53	13.97	5.17
1979-80 ..	14.50	14.38	5.64
1980-81 ..	15.47	15.25	6.53
<b>1980-81</b>			
Balasore ..	15.75	14.75	6.00
Berhampur ..	14.50	14.00	7.75
Bhubaneswar ..	15.25	15.25	8.00
Cuttack ..	15.75	15.75	7.75
Jeypore ..	15.25	15.25	5.75
Rourkela ..	16.00	16.00	7.00
Sambal pur ..	15.25	15.00	4.00
Talcher ..	16.00	16.00	6.00

Source —Works Department, Bhubaneswar.

## XVIII. WAGES AND PRICES

Table No. 18-13

Index numbers of building material prices, wages of building labourers and building cost for G Type residential puca building at Bhubaneswar centre

Base year 1971—00

Years and quarters.	Index of		
	Building materials prices	Labour wages	Building cost
(1)	(2)	(3)	(4)
1973	.. 113·853	120·771	115·600
1974	.. 136·332	114·258	130·757
1975	.. 136·836	138·959	137·372
1976	.. 144·637	150·000	145·991
1977	.. 157·031	198·619	167·535
1978	.. 179·996	259·212	200·004
1979	.. 239·281	269·735	246·973
1980	.. 272·130	300·860	279·386
1981	.. 294·592	372·197	314·193
<b>1979</b>			
1st quarter	.. 202·765	252·819	215·407
2nd quarter	.. 239·152	275·374	248·301
3rd quarter	.. 257·380	275·374	261·925
4th quarter	.. 257·828	275·374	262·260
<b>1980</b>			
1st quarter	.. 269·000	275·374	270·610
2nd quarter	.. 271·603	309·205	281·100
3rd quarter	.. 271·868	309·205	281·298
4th quarter	.. 276·048	309·205	284·422
<b>1981</b>			
1st quarter	.. 283·015	317·790	291·298
2nd quarter	.. 303·288	397·237	327·017
3rd quarter	.. 303·288	397·237	327·017
4th quarter	.. 288·777	397·237	316·171

Source — Bureau of Statistics and Economics, Orissa, Bhubaneswar.

## XIX. TRANSPORT AND COMMUNICATION

In a modern developed economy, Transport and Communication occupies the most predominant position. With the development of Science, the remote idea of time and distance has reduced to fragments of an hour guided under the will of man. Man's determined adventure in abridging the communication gap between different parts of the world through land, water and air opens a new vista in the land of transport. Prior to independence, the idea in this regard was instigated by the then rulers of India and during the post-independence period, Government has made every possible effort to achieve the desired goal in this direction.

This chapter presents the statistical tables containing length of Railway routes, National Highways, Express Highways, State Highways, Major District Road and roads maintained by Rural Engineering Organisation, Panchayat Samitis, Grama Panchayats, Municipalities, Notified Area Councils and classified Village Roads, Other District Road, Motor vehicles driving licences issued, Number of Motor vehicles registered, amount of Motor vehicles tax collected, Postal and Tele-communication revenue realised, postal traffic, Money-order issue and payment, number of Post Offices, Telegraph Offices, Telephone Exchanges, Telephonic connections in use and number of broadcasting receiver licences in force for the years from 1971-72 to 1981-82 in Orissa with districtwise break-up for the last two years. The economic development of a State largely depend on the availability of adequate transport and communication facilities and lack of such facilities is one of the main reasons of its industrial backwardness.

### Length of Railway Routes

The State has 13 Kms. of railway line per 1,000 Sqr. Kms. of area as compared to 18 Kms. in all India, 43 Kms. in West Bengal, 31 Kms. in Bihar and 17 Kms. in Andhra Pradesh which are the neighbouring states of Orissa. The total length of both broad gauge and narrow gauge railway routes has increased from 1,876 Kms. in 1972 to 1,948 Kms. in 1981 and the increase during the period of ten years is only 4 per cent. The length of railway routes having double lines is 33 per cent of total length of railway routes in the State. Broad gauge lines are 93 per cent and narrow gauge lines are 7 per cent only.

### Length of Roads

In the modern economy, roads are rightly called the carriers of development. A well-knit system of roads is of vital importance for the over all development of the economy. The roads not only help in easy and quick transportation of goods from one place to another but also speed up the mobility of manpower. The deficiency in the rail transport is normally compensated by an adequate net work of roads. But the existing system of roads comprising National Highways, Express Highways, District Roads, Village Roads, Roads maintained by the Rural Engineering Organisation, Panchayat Samitis, Grama Panchayats, Municipalities, Notified Area Councils and Forest Department in the State is inadequate.

There were six National Highways passing through the State measuring to 1,553 Kms. of which unsurfaced roads were only 27 Kms. by the end of 1980-81. The length of Express Highways which runs through the district of Cuttack and Keonjhar is 81 Kms. only. The length of these two types of roads was constant during the decade. The total length of State Highways in 1981 was 2,833 Kms. with 11 Kms. of road unsurfaced. Maximum length of State Highways is traversing through Phulbani district. The districts of Dhenkanal and Mayurbhanj are not covered under State Highways. The length of District Road during the year 1980-81 were 4,967 Kms. Such road in Ganjam district was highest and Kalahandi district had stood the last.

The length of classified village road by the end of the year 1980-81 was 5,798 Kms. of which surfaced road were only 2,107 Kms. The district of Koraput has the highest length of village roads and Balasore has stood at the lowest position. Cuttack district has stood the second. Among the roads maintained by the Municipalities, N. A. Cs., Forest Department, District Roads, Grama Panchayat and Panchayat Samity Roads have increased during the year 1980-81. During the year 1980-81, Municipalities, N. A. Cs. maintained the roads of 6,197 Kms. and the Forest Department maintained 6,858 Kms. The district of Sambalpur maintained the highest length of Forest roads, Mayurbhanj district has stood second and Balasore district has stood last among the districts. Length of roads under all categories per 1,000 population and per Square Kilometre of area is 4.8 Kms. and 0.8 Kms. respectively in the State by the end of 1980-81.

### Number of Motor Vehicles, Driving Licences issued.

There has been tremendous increase in the driving licences issued during last ten years ending 1980-81 both for professional and Public Service Vehicles. Motor driving licences issued were highest in Sundargarh district and lowest in Phulbani district during the year 1980-81. The Dhenkanal district has stood second during the year 1980-81. Such licences were 43 thousand during the year 1980-81 as against 42 thousand in the previous year.

### Number of Motor Vehicle Registered

There has been tremendous increase in the registration of motor vehicles from 80 thousand in the year 1976-77 to 1.19 lakhs in 1980-81, recording an increase of 48.6 per cent during last five years. Among different categories of motor vehicles registration, Motor cycle and scooters record highest followed by goods vehicles which are 40.3 and 18.6 per cent of total number of registration during the year 1980-81. Cuttack district has the highest number of new registration in respect of all vehicles except the scooters for which Sundargarh district has been highest during the year 1980-81.

### Motor Vehicle and Passenger Tax

The motor vehicle and passenger tax collected was the highest amounting to Rs. 12.04 crores during the year 1980-81 as against Rs. 10.96 crores in the preceding year in the State. It has comparatively 3 times increased within the decade. Cuttack district has stood first, Phulbani district has stood last regarding collection of such taxes.

### Postal and Telecommunication Revenue

The revenue from Telecommunication was Rs. 6.87 crores in the year 1980-81 as against Rs. 6.62 in the previous year recording 3.83 per cent increase. Telephone revenue was more than telegraph charges and other telecommunication receipts recording 78.7 per cent of the total revenue during the year 1980-81. The accelerated increase observed in the telecommunication revenue to an extent of 3 times within the decade accounts for increase in number of telephones in use.

### Number of Post and Telegraph Offices

Number of Post Offices has increased from 5.5 thousand in the year 1971-72 to 7.2 thousand in the year 1980-81 recording 29.3 per cent increase. The highest number of Post Offices are functioning in the district of Cuttack and the lowest number are in Phulabani district. The number of Post and Telegraph combined Offices has also increased to an extent of 31.8 per cent during the decade.

Number of Public Call Offices and Telephone exchanges have gradually increased during the decade. The highest number of telephone connections in use are observed in the district of Cuttack and lowest numbers are in the district of Phulbani during the year 1980-81. The area and population served by one Post Office were 19.3 Kms. and 3.3 thousand during the year 1980-81 in the State.

### Number of Broadcasting receiver licences in force

The number of broadcasting receiver licences in the State by the end of 1981 was 123 thousand against 273 thousand by the end of 1977 recording decrease of 54.9 per cent which is accounted for abolition of licences for small sets of radios. The licences for domestic use constitutes about 91.63 per cent of the total number of licences. Among the districts, Cuttack has the maximum number of broadcasting receiver licences and the district of Sundargarh has secured the second position during the year 1980. The district of Sambalpur has the maximum number of T.V. sets (835) as against 1,037 number of set in use in the State during the year 1981.

### Recent Trends in Transport and Communication

The transport sector is one of the largest consumer of commercial energy consuming nearly 33 per cent of the total energy. In assessing the importance of this sector, therefore, a desirable level of inter-modal split of freight traffic between railways and roads is necessary.

For a country of the size of India with varying regional and geographical characteristics, it is essential to compile data on traffic flows together with cost and to subject them to adequate analysis for effective co-ordination and investment programming as well as processing and regulating measures. The need for effective co-ordination in respect of those aspects being entrusted to a suitable agency like National Transport Commission at centre. The requirement and need for action in transport sector are varied and cover a large number of segments. Keeping them in view the important policy objectives envisaged in the Sixth Plan to give a new touch to the transport sectors will be

- (i) To remove transport bottle-necks
- (ii) Create additional capacity to meet required anticipated traffics.
- (iii) To evolve high co-ordination within transport sector and other organisations to make optimum use by available capacity.
- (iv) To maximize the existing assets through higher productivity
- (v) To evolve rational pricing structure in public sector transport undertakings as to ensure their running on profitable basis.
- (vi) To give rational attention to transport needs of remote and isolated areas
- (vii) To use all the established modern techniques of management particularly a greater degree of computerisation of freight controlling which is the most important segment of Railways activities.

Like transport sector, communication have a key role to play in the development process. Communication services include postal, telegraph, tele-communication and oversea communication. Development of communication infrastructure being crucial to the growth of vital sectors like agriculture, industry etc. due priority was assigned to communication service in successive Five-year Plans resulting in substantial expansion of postal and telecommunication facilities. During Sixth Plan, the communication services particularly the postal and telecommunication services will be extended to all parts of the country with a view to observe a balanced and sustained growth in the key sector of development.

Expansion of postal net work is envisaged mainly for rural backward, hilly and tribal areas and increase quality of existing rural postal services. The plan provides for renovation and construction of postal building on a sizable scale. Provision is also being made of training postal staffs, increasing the fleet of rail mail and mail motor services and mechanisation and modernisation of postal operations.

While significant progress in telecommunication has been made, the supply capabilities have not been able to keep pace with growing demand resulting in mounting backlog. The important objective is to reduce the backlog. Technological updating of telecommunication services is also envisaged by way of introducing modern techniques through S P C electronic local Exchange, S P C electronic TAXIS, SPC electronic Telexes, Digital Trunk Exchanges and Satellite communication so that we can reach at our desired goal in the near future.





## XIX. TRANSPORT AND COMMUNICATION

Table No. 19-01

Length of Railway Routes in Orissa (In Kilometres)

Year	Type of route	Length of Route (Kilometres)			Total track Route (Kilometres)
		Single line	Double line	Total	
(1)	(2)	(3)	(4)	(5)	(6)
1972	..	1,245	631	1,876	3,382
1973	..	1,225	651	1,876	3,401
1974	..	1,225	651	1,876	3,403
1975	..	1,311	638	1,949	3,487
1976	..	1,311	638	1,949	3,496
1977	..	1,311	638	1,949	3,531
1978	..	1,311	637	1,948	3,467
1979	..	1,311	637	1,948	3,461
1980	..	1,311	637	1,948	3,461
1981	..	1,311	637	1,948	3,494
1980	.. Broad gauge	1,168	637	1,805	3,342.49
	Narrow gauge	143	..	143	151.19
1981	— Broad gauge	1,168	637	1,805	3,349.22
	Narrow gauge	143	—	143	151.19

SOURCE—Statistical Officer, S. E. Rly., Calcutta &amp; Transport Department, Bhubaneswar

## XIX. TRANSPORT AND COMMUNICATION

Table No. 19-02

Length of National Highways and Express Highways in Orissa as on the 31st March (in kilometres)

Year/ District	National Highways surfaced				Unsurfa- ced (Moorum)	Total	Express Highways		
	Cement concrete	Black topped	Water bound macadam	Sub- total			Surfaced	Unsurfa- ced	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1971-72	1	1,434	121	1,556	77	1,633	77	4	81
1972-73	1	1,434	121	1,556	77	1,633	77	4	81
1973-74	1	1,435	121	1,557	77	1,634	77	4	81
1974-75	1	1,435	121	1,557	77	1,634	81	..	81
1975-76	8	1,450	54	1,512	164	1,676	81	..	81
1976-77	8	1,456	54	1,518	164	1,682	81	..	81
1977-78	2	1,462	93	1,557	80	1,637	68	..	68
1978-79	8	1,482	48	1,538	104	1,642	68	..	68
1979-80	8	1,554	53	1,615	17	1,632	81	..	81
1980-81	8	1,570	26	1,526	27	1,553	81	..	81
1979-80									
Balasore	..	107	..	107	..	107	..	..	..
Balangir	..	..	..	..	..	..	..	..	..
Cuttack	6	189	..	195	..	195	59	..	59
Dhenkanal	..	233	22	255	1	256	..	..	..
Ganjam	..	87	..	87	..	87	..	..	..
Kalahandi	..	..	..	..	..	..	..	..	..
Keonjhar	1	92	1	94	..	94	22	..	22
Koraput	..	157	..	157	..	157	..	..	..
Phulbani	..	..	..	..	..	..	..	..	..
Puri	..	106	..	106	..	106	..	..	..
Mayurbhanj	1	193	..	194	..	194	..	..	..
Sambalpur	..	310	21	331	..	331	..	..	..
Sundargarh	..	89	9	89	16	105	..	..	..
1980-81									
Balasore	..	107	..	107	..	107	..	..	..
Balangir	..	..	..	..	..	..	..	..	..
Cuttack	6	189	..	195	..	195	59	..	59
Dhenkanal	..	249	7	256	1	257	..	..	..
Ganjam	..	87	..	87	..	87	..	..	..
Kalahandi	..	..	..	..	..	..	..	..	..
Keonjhar	1	93	..	94	..	94	22	..	22
Koraput	..	156	..	156	..	156	..	..	..
Mayurbhanj	..	116	..	116	..	116	..	..	..
Phulbani	..	..	..	..	..	..	..	..	..
Puri	..	106	..	106	..	106	..	..	..
Sambalpur	1	309	10	320	10	330	..	..	..
Sundargarh	..	80	9	89	16	105	..	..	..

SOURCE—N. H. &amp; Projects. Orissa, Bhubaneswar

## XIX. TRANSPORT AND COMMUNICATION

Table No. 19-03

Length of Highways in Orissa as on the 31st March

(In Kilometres)

Year/District	Surfaced			Unsurfaced	Total
	Black topped	Water bound macadam	Sub-Total		
(1)	(2)	(3)	(4)	(5)	(6)
1971-72	2,048	160	2,208	37	2,245
1972-73	2,048	160	2,208	37	2,245
1973-74	2,082	127	2,209	36	2,245
1974-75	2,046	133	2,179	31	2,210
1975-76	2,048	119	2,167	24	2,191
1976-77	2,030	112	2,142	36	2,178
1977-78	2,040	102	2,142	36	2,178
1978-79	2,077	68	2,145	47	2,192
1979-80	2,674	132	2,806	28	2,834
1980-81	2,679	143	2,822	11	2,833
1979-80					
Balasore	49	..	49	1	50
Balangir	171	61	232	17	249
Cuttack	106	..	106	..	106
Dhenkanal	..	..	..	..	..
Ganjam	275	..	275	..	275
Kalahandi	369	42	411	10	421
Keonjhar	218	..	218	..	218
Koraput	385	..	385	..	385
Phulbani	417	11	428	..	..
Puri	257	..	..	..	428
Mayurbhanj	..	..	257	..	257
Sambalpur	242	7	249	..	249
Sundargarh	185	11	196	..	196
1980-81					
Balasore	49	..	49	1	50
Balangir	173	76	249	..	249
Cuttack	106	..	106	..	106
Dhenkanal	..	..	..	..	..
Ganjam	275	..	275	..	275
Kalahandi	369	42	411	10	421
Keonjhar	218	..	218	..	218
Koraput	385	..	385	..	385
Mayurbhanj	..	..	..	..	..
Phulbani	420	7	427	..	427
Puri	257	..	257	..	257
Sambalpur	242	7	249	..	249
Sundargarh	185	11	196	..	196

SOURCE—C. E. ,N. H. &amp; Projects, BBSR.

## XIX. TRANSPORT AND COMMUNICATION

Table No. 19-04

Length of Major District Roads in Orissa as on the 31st March

(In Kilometres)

Year/District	Surfaced			Unsurfaced	Total
	Black topped	Water bound macadam	Sub-Total		
(1)	(2)	(3)	(4)	(5)	(6)
1972-73	2,672	1,572	4,244	854	5,098
1973-74	2,082	127	2,209	36	2,245
1974-75	2,046	134	2,180	31	2,211
1975-76	2,048	119	2,167	24	2,191
1976-77	2,030	112	2,142	36	2,178
1977-78	3,490	1,015	4,505	543	5,048
1978-79	3,490	1,015	4,505	543	5,048
1979-80	3,490	889	4,379	694	5,073
1980-81	3,444	922	4,366	601	4,967
1979-80					
Balasore	305	37	342	33	375
Balangir	208	88	296	5	301
Cuttack	457	58	515	46	561
Dhenkanal	235	78	313	12	325
Ganjam	659	44	703	2	705
Kalahandi	64	17	81	37	119
Keonjhar	18	44	62	43	104
Koraput	349	93	442	86	528
Phulbani	138	97	235	51	286
Puri	325	66	391	27	418
Mayurbhanj	267	35	302	154	456
Sambalpur	228	106	334	132	466
Sundargarh	138	126	264	66	330
1980-81					
Balasore	305	37	342	33	375
Balangir	203	94	297	5	302
Cuttack	457	58	515	46	561
Dhenkanal	245	61	306	12	318
Ganjam	659	44	703	2	705
Kalahandi	64	17	81	37	118
Keonjhar	30	33	63	41	104
Koraput	349	93	442	86	528
Mayurbhanj	280	88	368	88	456
Phulbani	138	97	235	51	286
Puri	325	66	391	27	418
Sambalpur	235	99	334	132	466
Sundargarh	154	135	289	41	330

SOURCE—Chief Engineer (R. &amp; B.), Orissa

## XIX. TRANSPORT AND COMMUNICATION

Table No. 19-05

Length of Roads maintained by R. E. O., Panchayat Samitis and Grama Panchayats in  
Orissa as on the 31st March

(In Kilometres)

Year / District	Length of roads maintained by Rural Engineering Organisation			Panchayat Samiti roads (Unsurfaced)	Grama Panchayat Roads (Unsurfaced)
	Surfaced	Unsurfaced	Total		
(1)	(2)	(3)	(4)	(5)	(6)
1973-74	..	97	6,462	6,559	8,524
1974-75	—	97	6,162	6,259	6,127
1975-76	..	97	6,462	6,559	4,858
1976-77	..	653	6,527	7,180	8,558
1977-78	..	1,524	5,657	7,181	6,994
1978-79	..	3,074	4,062	7,136	16,839
1979-80	..	..	7,126	25,730	61,555
1980-81	..	..	7,126	26,417	61,330
1979-80					
Balasore	..	N. A.	N. A.	433	1,610
Balangir	..	..	..	294	1,189
Cuttack	..	..	..	967	3,392
Dhenkanal	..	..	..	368	2,001
Ganjam	..	..	..	854	1,718
Kalahandi	..	..	..	405	1,476
Keonjhar	..	..	..	297	1,248
Koraput	..	..	..	891	4,386
Phulbani	..	..	..	395	1,214
Puri	..	..	..	673	1,703
Mayurbhanj	..	..	..	357	1,774
Sambalpur	..	..	..	792	2,668
Sundargarh	..	..	..	400	1,351
1980-81					
Balasore	..	N. A.	N. A.	433	1,609
Balangir	..	..	..	294	1,189
Cuttack	..	..	..	961	3,892
Dhenkanal	..	..	..	368	2,000
Ganjam	..	..	..	854	1,717
Kalahandi	..	..	..	405	1,476
Keonjhar	..	..	..	297	1,240
Koraput	..	..	..	891	4,386
Mayurbhanj	..	..	..	357	1,774
Phulbani	..	..	..	395	1,213
Puri	..	..	..	679	1,703
Sambalpur	..	..	..	792	2,668
Sundargarh	..	..	..	400	1,550

SOURCE—C. D. &amp; P. R. Deptt.

## XIX. TRANSPORT AND COMMUNICATION

Table No. 19-06

Length of Roads maintained by the Municipalities, N. A. Cs., and Forest Department in Orissa as on the 31st March (in Kilometre)

Year/ District	Length of roads maintained by the Municipalities and N. A. Cs.			Forest Department (Unsurfaced)
	Surfaced	Unsurfaced	Total	
(1)	(2)	(3)	(4)	(5)
1973-74	1,855	1,959	3,814	5,730
1974-75	2,099	2,467	4,656	6,569
1975-76	2,140	2,517	4,657	6,569
1976-77	2,266	2,639	4,895	6,569
1977-78	2,333	2,755	5,088	6,370
1978-79	2,468	2,788	5,256	8,557
1979-80	2,596	3,120	5,716	6,762
1980-81	2,804	3,393	6,197	6,858
1979-80				
Balasore	203	662	665	63
Balangir	146	220	366	249
Cuttack	297	319	616	227
Dhenkanal	65	128	193	584
Ganjam	389	202	591	601
Kalahandi	80	105	185	596
Keonjhar	108	311	419	212
Koraput	309	341	650	515
Phulbani	40	49	89	508
Puri	364	324	688	520
Mayurbhanj	63	119	182	936
Sambalpur	349	301	650	1,103
Sundargarh	183	239	422	648
1980-81				
Balasore	219	490	709	59
Balangir	160	239	399	256
Cuttack	298	355	653	224
Dhenkanal	81	175	256	643
Ganjam	402	233	635	601
Kalahandi	123	112	235	566
Keonjhar	112	313	425	215
Koraput	320	462	782	526
Mayurbhanj	65	121	186	953
Phulbani	42	56	98	519
Puri	400	314	714	523
Sambalpur	368	250	618	1,113
Sundargarh	214	273	487	660

SOURCE—U. D. Department

## XIX. TRANSPORT AND COMMUNICATION

Table No. 19-07

Length of Classified Village Roads in Orissa as on the 31st March (in Kms.)

Year/District		Surfaced				Unsurfaced	Total
		Cement concrete	Black topped	Water bound macadam	Sub- Total		
(1)		(2)	(3)	(4)	(5)	(6)	(7)
1972-73	...	2	147	832	981	5,286	6,267
1973-74	..	2	321	914	1,237	5,012	6,249
1974-75	..	2	369	983	1,354	5,086	6,440
1975-76	..	2	419	1,046	1,467	4,974	6,441
1976-77	..	2	462	1,211	1,675	4,738	6,413
1977-78	..	2	487	1,505	1,994	4,567	6,564
1978-79	..	2	577	1,618	2,197	4,444	6,641
1979-80	..	2	506	1,403	1,900	3,959	5,859
1980-81	..	2	556	1,549	2,107	3,692	5,798
1979-80							
Balasore	..	..	42	59	101	88	189
Balangir	..	..	20	79	99	193	292
Cuttack	..	..	74	201	275	401	676
Dhenkanal	..	..	64	178	232	281	513
Ganjam	..	..	106	162	268	267	535
Kalahandi	..	..	24	99	123	350	473
Keonjhar	..	..	12	7	19	392	411
Koraput	..	..	60	88	148	607	755
Phulbani	..	..	23	135	158	192	350
Puri	..	..	37	106	143	209	352
Mayurbhanj	..	2	15	55	70	469	539
Sambalpur	..	..	8	121	129	302	431
Sundargarh	..	..	22	113	135	208	343
1980-81							
Balasore	..	..	42	59	101	88	189
Balangir	..	..	20	103	123	173	296
Cuttack	..	..	74	201	275	401	676
Dhenkanal	..	..	63	184	247	267	514
Ganjam	..	..	112	156	268	268	536
Kalahandi	..	..	24	99	123	350	473
Keonjhar	..	..	24	5	29	310	338
Koraput	..	..	83	95	178	578	756
Mayurbhanj	..	2	15	89	106	436	542
Phulbani	..	..	23	135	158	192	350
Puri	..	..	37	106	143	209	352
Sambalpur	..	..	3	136	139	293	432
Sundargarh	..	..	36	181	217	127	344

SOURCE—C. E. (R. &amp; B.), Orissa

## XIX. TRANSPORT AND COMMUNICATION

Table No. 19-08

Length of Other District Roads in Orissa as on the 31st March (In Kms.)

Year/ District	Surfaced			Unsurfaced	Total
	Black topped	Water Bound Macadam	Sub-Total		
(1)	(2)	(3)	(4)	(5)	(6)
1972-73	442	825	1,267	1,039	2,306
1973-74	497	826	1,323	932	2,155
1974-75	657	761	1,418	886	2,304
1975-76	722	746	1,418	836	2,304
1976-77	833	753	1,586	739	2,325
1977-78	861	728	1,589	730	2,319
1978-79	861	728	1,589	730	2,319
1979-80	967	868	1,835	914	2,749
1980-81	991	937	1,928	826	2,754
1979-80					
Balasore	89	43	132	60	192
Balangir	27	24	51	59	110
Cuttack	185	163	348	67	415
Dhenkanal	130	77	207	43	250
Ganjam	122	115	237	56	293
Kalahandi	40	76	116	34	150
Keonjhar	17	9	26	112	138
Koraput	41	6	47	85	132
Phulbani	14	16	30	22	52
Puri	105	150	255	136	391
Mayurbhanj	105	104	209	139	348
Sambalpur	68	107	175	94	269
Sundargarh	24	8	32	7	39
1980-81					
Balasore	89	43	132	60	192
Balangir	23	31	54	55	109
Cuttack	184	164	348	53	401
Dhenkanal	137	80	217	39	256
Ganjam	127	114	241	56	297
Kalahandi	34	76	110	34	144
Keonjhar	15	62	77	62	139
Koraput	41	6	47	85	132
Mayurbhanj	105	75	180	139	319
Phulbani	14	16	30	22	52
Puri	105	150	255	136	391
Sambalpur	74	117	191	77	268
Sundargarh	43	3	46	8	54



## XIX. TRANSPORT AND COMMUNICATION

Table No. 19-09

Motor vehicles driving licences issued in Orissa

Year/District	Number of Licences issued authorising to drive public service vehicles			Number of licences issued for other vehicles		
	New	Renewal	Total	New	Renewal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971-72	913	403	1,316	1,066	3,653	4,719
1972-73	286	1,073	1,359	2,240	4,792	7,032
1973-74	361	1,216	1,577	2,437	6,487	8,924
1974-75	556	1,160	1,716	2,247	5,454	7,701
1975-76	537	12,139	12,726	1,399	17,971	19,370
1976-77	907	13,867	14,774	1,763	19,320	21,083
1977-78	801	9,758	10,559	2,614	23,134	25,748
1978-79	693	2,829	3,522	11,997	14,548	26,545
1979-80	933	4,070	5,003	12,369	24,858	37,227
1980-81	1,099	4,256	5,355	13,074	24,503	37,577
1979-80						
Balasore	45	254	299	560	1,192	1,752
Balangir	11	53	64	274	506	780
Cuttack	222	487	709	2,380	7,936	10,316
Dhenkanal	57	65	122	763	2,614	3,377
Ganjam	96	176	272	1,099	397	1,496
Kalahandi	15	152	167	233	607	840
Keonjhar	26	165	191	1,108	1,239	2,347
Koraput	10	73	83	537	1,124	1,661
Mayurbhanj	..	1,320	1,320	626	600	1,226
Phulbani	22	286	308	409	..	409
Puri	268	506	774	1,678	4,225	5,903
Sambalpur	..	7	7	1,285	905	2,190
Sundargarh	161	526	687	1,417	3,513	4,930
1980-81						
Balasore	41	240	281	516	1,425	1,941
Balangir	6	29	35	332	630	962
Cuttack	105	198	303	3,043	2,782	5,825
Dhenkanal	..	197	197	1,015	5,322	6,337
Ganjam	77	178	255	1,009	1,406	2,415
Kalahandi	5	96	101	384	334	718
Keonjhar	14	110	124	510	1,695	2,205
Koraput	9	114	123	590	1,301	1,891
Mayurbhanj	16	60	76	60	780	840
Phulbani	16	7	23	377	76	453
Puri	409	1,425	1,834	752	2,553	3,305
Sambalpur	15	12	27	940	848	1,788
Sundargarh	386	1,590	1,976	3,606	5,351	8,957

## XIX. TRANSPORT AND COMMUNICATION

Table No. 19-09

Motor vehicles driving licences issued in Orissa

Year/District	Total number of licences issued		
	New	Renewal	Total
(1)	(8)	(9)	(10)
1971-72	1,979	4,056	6,035
1972-73	2,526	5,865	8,391
1973-74	2,798	7,703	10,501
1974-75	2,803	6,614	9,417
1975-76	1,936	30,160	32,096
1976-77	2,670	33,187	35,857
1977-78	3,415	32,892	36,307
1978-79	12,690	17,377	30,067
1979-80	13,302	28,931	42,233
1980-81	14,173	28,759	42,932
1979-80—			
Balasore	605	1,446	2,051
Balangir	285	559	844
Cuttack	2,602	8,426	11,028
Dhenkanal	820	2,679	3,499
Ganjam	1,195	573	1,768
Kalahandi	248	759	1,007
Keonjhar	1,134	1,404	2,538
Koraput	547	1,197	1,744
Mayurbhanj	626	1,920	2,546
Phulbani	431	286	717
Puri	1,946	4,731	6,677
Sambalpur	1,285	912	2,197
Sundargarh	1,578	4,039	5,617
1980-81—			
Balasore	557	1,665	2,222
Balangir	338	659	997
Cuttack	3,158	2,980	6,138
Dhenkanal	1,015	5,519	6,534
Ganjam	1,116	1,584	2,700
Kalahandi	389	430	819
Keonjhar	524	1,805	2,329
Koraput	599	1,415	2,014
Mayurbhanj	76	840	916
Phulbani	296	83	376
Puri	1,161	3,978	5,139
Sambalpur	955	860	1,815
Sundargarh	3,992	6,941	10,933

SOURCE—Transport commissioner, Orissa Transport Department

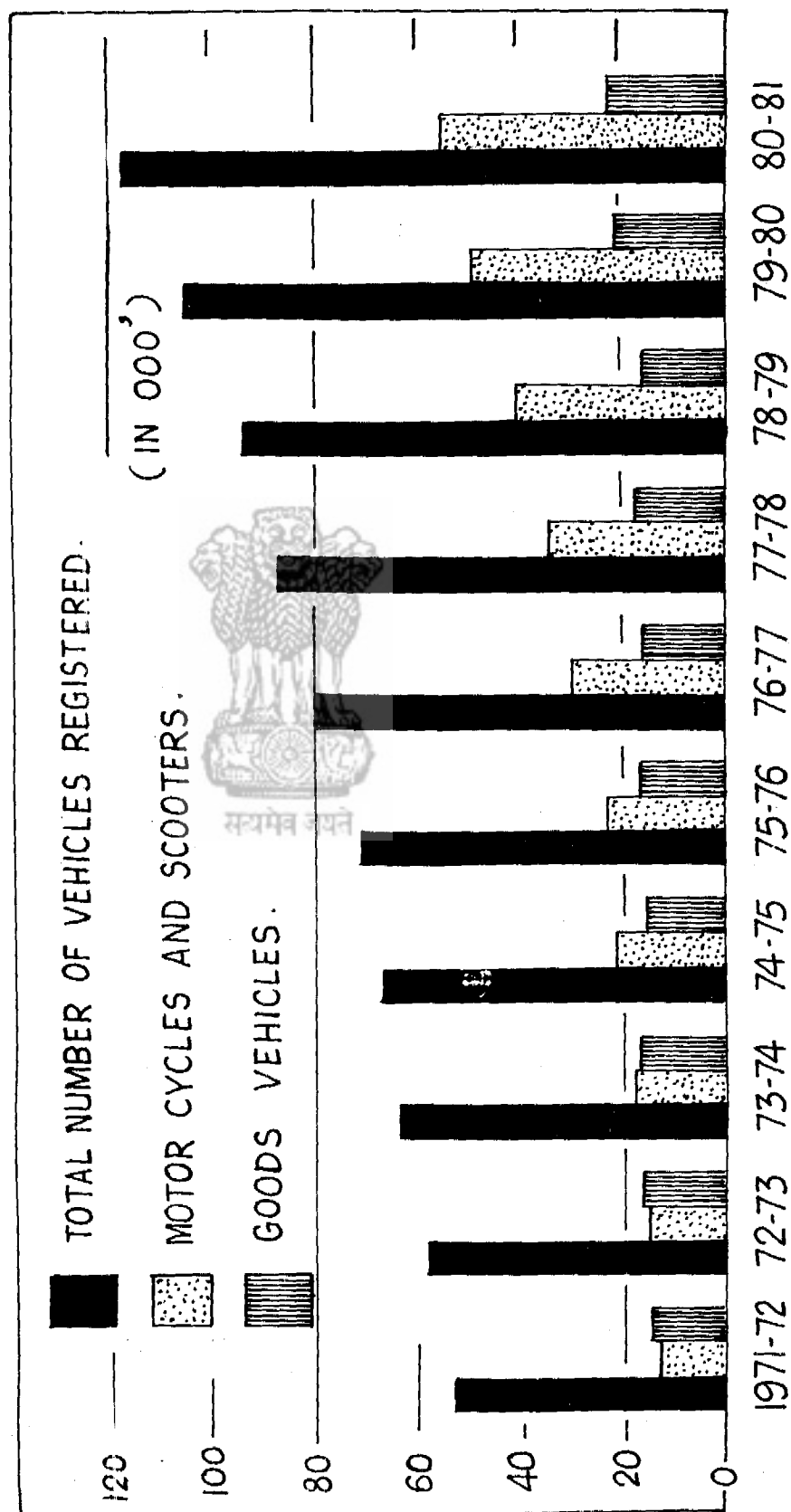
## IX. TRANSPORT AND COMMUNICATION

Table No. 19-10

Number of Motor vehicles registered as on 31st March in the State of Orissa

Year; District	Number of motor vehicles registered						
	Motor cycles and Scooters	Auto three wheelers	Jeeps and Station wagons	Cars	Taxis	Contract carriages	Stat carriages
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1976-77 ..	29,472	737	9,474	10,754	879	457	3,277
1977-78 ..	35,294	963	9,872	11,054	901	506	3,429
1978-79 ..	41,085	1,121	10,533	11,412	916	568	3,610
1979-80 ..	47,803	1,220	11,205	11,008	927	611	3,804
1980-81 ..	55,100	12,712	1,287	12,427	877	678	3,981
1979-80—							
Balasore ..	988	46	356	262	37	36	248
Balangir ..	1,285	25	520	244	48	35	195
Cuttack ..	9,729	399	2,817	4,339	317	221	817
Dhenkanal ..	1,510	56	554	334	23	26	122
Ganjam ..	3,888	30	585	620	18	88	739
Kalahandi ..	722	3	317	152	47	6	87
Keonjhar ..	725	31	548	348	31	39	192
Koraput ..	1,425	7	945	326	6	20	197
Mayurbhanj ..	1,034	18	309	305	17	6	203
Phulbani ..	396	1	198	53	4	5	6
Puri ..	6,822	237	1,408	1086	195	118	282
Sambalpur ..	5,166	33	1,264	1,095	98	9	508
Sundargarh ..	14,113	334	1,384	1,844	86	2	208
1980-81—							
Balasore ..	1,168	376	47	268	37	36	261
Balangir ..	1,498	535	25	245	50	36	199
Cuttack ..	10,946	2,962	428	4,449	336	244	844
Dhenkanal ..	1,868	582	56	349	23	42	122
Ganjam ..	4,808	621	44	638	18	88	755
Kalahandi ..	1,004	345	9	201	3	6	93
Keonjhar ..	886	575	32	367	31	39	201
Koraput ..	1,750	1,005	..	329	..	23	213
Mayurbhanj ..	1,326	338	18	324	2	10	205
Phulbani ..	408	186	1	39	..	20	21
Puri ..	8,216	1,489	263	1,866	202	123	339
Sambalpur ..	5,689	1,321	36	1,108	99	9	518
Sundargarh ..	15,533	2,377	334	2,244	86	2	210

## NUMBER OF MOTOR VEHICLES REGISTERED IN THE STATE OF ORISSA



## XIX. TRANSPORT AND COMMUNICATION

Table No. 19-10

Number of Motor Vehicles Registered

Year/District		Goods vehicles	Petrols & water carriers	Tractors	Trailors or Jeeps Tractors & Truck	Miscellan- eous vehicles	Total
(1)		(9)	(10)	(11)	(12)	(13)	(14)
1976-77	..	17,361	68	7,064	7,064	366	79,909
1977-78	..	18,098	74	2,820	4,397	422	87,830
1978-79	..	19,306	79	2,857	4,608	479	96,574
1979-80	..	20,755	91	3,125	4,849	576	1,05,974
1980-81	..	22,205	93	3,402	5,215	781	1,18,748
1980-81—							
Balasore	..	983	8	64	122	12	3,382
Balangir	..	437	3	127	178	9	3,382
Cuttack	..	6,851	24	591	2,342	320	30,327
Dhenkanal	.	554	2	83	188	20	3,889
Ganjam	..	1,146	9	296	264	19	8,706
Kalahandi	..	341	4	249	200	103	2,552
Keonjhar	..	2,520	4	74	160	9	4,898
Koraput	..	1,458	18	278	373	165	5,612
Mayurbhanj	—	948	1	59	67	..	3,298
Phulbani	..	97	2	57	109	..	940
Puri	—	1,377	2	332	261	66	1,4536
Sambalpur	..	2,767	7	1,138	865	11	13,568
Sundargarh	..	2,726	9	54	86	47	22,908

SOURCE—State Transport Authority, Cuttack

## XIX. TRANSPORT AND COMMUNICATION

Table No. 19-11

Collection of Motor Vehicle tax and Passenger tax in the State of Orissa

(In '000 Rupees)

Year/District	Motor vehicle tax collected	Passenger Tax collected	Total tax collected
(1)	(2)	(3)	(4)
1972-73	33,257	9,928	43,185
1973-74	36,135	11,971	48,106
1974-75	46,623	14,654	61,277
1975-76	57,071	19,511	76,582
1976-77	N. A.	N. A.	N. A.
1977-78	62,361	24,511	86,872
1978-79	71,749	27,496	99,245
1979-80	82,046	27,539	1,09,585
1980-81	96,962	23,406	1,20,368
1979-80—			
Balasore ..	3,483	1,610	5,093
Balangir ..	3,787	1,203	4,990
Cuttack ..	24,458	7,306	31,764
Dhenkanal ..	3,130	1,014	4,144
Ganjam ..	6,633	3,805	10,438
Kalahandi ..	1,631	1,060	2,691
Keonjhar ..	5,590	753	6,343
Koraput ..	4,631	1,680	6,311
Mayurbhanj ..	6,105	1,761	7,866
Phulabani ..	1,123	211	1,334
Puri ..	4,729	2,985	7,714
Sambalpur ..	8,715	2,167	10,882
Sundargarh ..	8,031	1,984	10,015
1980-81—			
Balasore ..	3,904	1,155	5,059
Balangir ..	1,971	827	2,798
Cuttack ..	29,346	8,513	37,859
Dhenkanal ..	3,348	797	4,145
Ganjam ..	8,408	1,573	9,981
Kalahandi ..	1,941	589	2,530
Keonjhar ..	6,545	663	7,208
Koraput ..	5,390	1,661	7,051
Mayurbhanj ..	7,998	2,012	10,010
Phulabani ..	1,027	108	1,135
Puri ..	7,116	2,626	9,742
Sambalpur ...	9,808	2,130	11,938
Sundargarh ..	10,160	752	10,912

SOURCE—State Transport Authority, Cuttack

## XIX. TRANSPORT AND COMMUNICATION

Table No. 19-12

Postal and Telecommunication Revenue realised in Orissa

(in '000' Rs.)

Year	Postal Revenue			Telecommunication Revenue			
	Postage Realised in cash	Other Postal receipts	Total	Telegraph charges realised	Telephone revenue collected	Other Telecomdl receipts	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1972	6.48	..	6.48	61.43	1,56.88	14.02	2.32,33
1973	7.13	..	7.13	60.46	1,55.85	9.37	2,25,68
1974	9.05	..	9.05	59.67	2,17,21	13.46	2,90,34
1975	12.49	45.85	58.34	69.57	2,85,60	3.04	3,58,21
1976	N. A.	N. A.	N. A.	97.49	4,20,13	4.63	5,22,25
1977	12.38	1,40,91	1,53,29	1,19,24	4,38,14	3.90	5,61,28
1978	15.96	1,82,17	1,98,13	1,22,18	4,45,37	6.16	5,73,71
1979	N. A.	..	..	1,21,83	5,23,14	16.99	6,61,96
1980	N. A.	..	..	1,36,92	5,41,20	9.17	6,87,29
1981	N. A.	..	..	1,34,88	5,63,83	10.28	7,08,9

SOURCE—G. M., T. C. Orissa Circle, Bhubaneswer

## XIX. TRANSPORT AND COMMUNICATION

Table No. 19-13

Postal Traffic in Orissa

Year	Money order				
	Issue		Payment		
	No. in lakhs	Value in crores	No. in lakhs	Value in crores	
	(1)	(2)	(3)	(4)	(5)
1972	..	27	18.23	27	18.23
1973	..	N. A.	18.31	..	18.10
1974	..	N. A.	19.45	..	23.54
1975	..	N. A.	21.76	..	14.35
1976	..	N. A.	25.08	..	28.13
1977	..	N. A.	N. A.	N. A.	N. A.
1978	..	34	28.22	34	28.21
1979	..	33	28.62	N. A.	N. A.
1980	..	N. A.	N. A.	..	..
1981	..	..	..	..	..

## XIX. TRANSPORT AND COMMUNICATION

Table No. 19.13

Postal Traffic in Orissa *Contd.*

Year	British postal order			Indian Postal Orders			
	Paid		Sold		Paid		
	Number	Value in '000 Rs.	Number	Value in '000 Rs.	Number	Value in '000 Rs.	
	(6)	(7)	(8)	(9)	(10)	(11)	
1972	..	N. A.	29	77,078	324	29,352	125
1973	..	680	40	N. A.	402	28,144	155
1974	..	433	31	17,838	123	24,361	157
1975	..	895	88	94,424	902	51,004	258
1976	..	1,057	262	66,977	440	59,383	378
1977	—	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.
1978	..	683	75	1,20,423	856	1,27,189	830
1979	..	1,166	138	1,00,908	848	N. A.	N. A.
1980	..	..	..	..	..	..	..
1981	..	..	..	..	..	..	..

SOURCE—Accounts Officer (Postal), Orissa Circle, Cuttack



## XIX. TRANSPORT AND COMMUNICATION

Table No. 19.14

Number of Post Offices, Telegraph Offices, Telephone Exchanges and  
Telephone connections in the State of Orissa

Year/District	Number of Post Offices	Number of Post and Telegraph combined Offices	Number of Telegraph Offices	Number of Telephone exchanges	Number of public call Offices	Number of Telephone connections in use
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971-72	..	5,584	644	7	..	..
1972-73	..	5,815	647	9	120	27,685
1973-74	..	5,923	669	9	138	20,985
1974-75	..	6,016	669	9	153	22,436
1975-76	..	6,114	669	10	153	20,309
1976-77	..	6,107	672	11	162	20,763
1977-78	..	6,409	713	12	157	23,000
1978-79	..	6,792	713	12	163	23,237
1979-80	..	7,063	713	12	171	24,231
1980-81	..	7,220	849	12	180	26,167
1979-80—						
Balasore	..	741	..	1	12	1,012
Balangir	..	265	..	1	12	898
Cuttack	..	1,009	..	3	27	5,911
Dhenkanal	..	384	..	..	9	817
Ganjam	..	734	..	1	24	2,009
Kalahandi	..	316	..	..	8	427
Keonjhar	..	339	..	..	5	526
Koraput	..	505	..	1	12	1,012
Mayurbhanj	..	630	..	..	6	428
Phulbani	..	321	..	..	7	305
Puri	..	704	..	1	18	5,092
Sambalpur	..	1,098	..	2	20	2,612
Sundargarh	..	317	..	2	12	3,208
1980-81—						
Balasore	..	753	..	1	13	1,151
Balangir	..	325	..	1	13	1,054
Cuttack	..	952	..	3	31	178
Dhenkanal	..	409	..	..	10	914
Ganjam	..	744	..	1	26	2,193
Kalahandi	..	348	..	..	9	498
Keonjhar	..	353	..	..	6	619
Koraput	..	542	..	1	13	1,108
Mayurbhanj	..	630	..	..	6	428
Phulbani	..	321	..	..	7	305
Puri	..	504	..	1	24	5,348
Sambalpur	..	521	..	2	22	2,825
Sundargarh	..	323	..	2	12	3,372

SOURCE—Post Master General, Orissa

## XIX. TRANSPORT AND COMMUNICATION

Table No. 19-15

Number of Broadcasting receiver Licences in force (Progressive) in Orissa)

Year/District	Domestics	Concessional					
		Cheap	Community	Schools	Hospitals	Commercial	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
1972	...	1,26,364	21,053	..	327	41	1,481
1973	..	1,26,994	18,690	.	335	41	1,149
1974	..	1,59,457	24,139	..	355	25	1,076
1975	..	2,58,653	37,105	..	587	46	1,513
1976	..	1,75,421	26,896	..	233	28	1,179
1977	..	2,37,433	33,154	..	293	24	1,224
1978	..	2,28,149	31,664	..	253	17	1,779
1979	..	2,12,481	28,461	..	214	7	1,450
1980	..	1,93,786	26,559	..	263	19	1,357
1981	..	1,12,822	7,823	..	167	41	1,290
1980 --							
Balasore	..	8,235	3,064	..	14	...	86
Balangir	..	6,492	470	7	4	8	29
Cuttack	..	28,152	7,987	..	78	..	163
Dhenkanal	..	7,627	882	40	9	7	8,565
Ganjam	..	21,633	1,450	55	58	..	154
Kalahandi	..	5,524	317	3	1	..	36
Keonjhar	..	7,451	665	10	14	4	31
Koraput	..	22,002	958	..	20	...	166
Mayurbhanj	..	7,627	834	1	4	..	81
phulbani	..	4,198	172	..	15	..	71
Puri	..	22,400	3,550	..	7	..	157
Sambalpur	..	23,056	3,580	..	17	..	166
Sundargarh	..	25,532	1,098	68	9	..	147
1981 —							
Balasore	..	5,947	1,032	..	6	..	118
Balangir	..	2,427	119	6	6	..	20
Cuttack	..	18,445	2,977	14	15	..	135
Dhenkanal	..	3,930	270	..	3	..	4,303
Ganjam	..	14,214	632	15	69	23	101
Kalahandi	...	1,876	35	..	2	3	10
Keonjhar	...	4,197	128	29	3	..	42
Koraput	..	9,262	188	..	..	...	31
Mayurbhanj	..	6,069	448	3	18	...	114
Phulbani	..	1,984	98	..	12	..	25
Puri	..	10,730	533	7	16	6	102
Sambalpur	..	12,074	706	6	12	6	89
Sundargarh	..	21,657	575	..	2	3	145

## XIX. TRANSPORT AND COMMUNICATION

Table No. 19-15

Number of Broadcasting receiver licences in force (Progressive) in Orissa

Year/District	Demonstration	Possession		Grand Total	T. V. Sets
		Dealers	Non-dealers		
(1)	(8)	(9)	(10)	(11)	(12)
1972	118	355	27	149,766	..
1973	150	411	33	147,803	..
1974	142	536	13	185,743	..
1975	210	539	25	298,678	..
1976	146	506	29	204,438	..
1977	214	403	44	272,879	..
1978	190	612	37	262,701	..
1979	152	642	27	243,434	..
1980	143	776	33	212,936	..
1981	123	841	27	123,134	1037
1980—					
Balasore	.. 2	63	3	11,665	..
Balangir	.. 20	16	..	7,046	..
Cuttack	.. 9	114	1	36,506	..
Dhenkanal	.. 2	30	..	8,621	..
Ganjam	.. 22	81	5	23,439	..
Kalahandi	.. 1	9	..	5,891	..
Keonjhar	.. 8	16	..	8,199	..
Koraput	.. ..	68	..	23,219	..
Mayurbhanj	.. 16	28	2	8,593	..
Phulbani	.. 2	4	..	4,462	..
Puri	.. 4	127	12	26,271	..
Sambalpur	.. 23	210	4	26,956	..
Sundargarh	.. 32	72	5	26,963	..
1981—					
Balasore	.. 7	113	5	..	35
Balangir	.. 4	14	..	2,596	21
Cuttack	.. 20	127	8	..	63
Dhenkanal	.. ..	36	..	4,375	1
Ganjam	.. 18	86	5	..	2
Kalahandi	.. ..	5	..	1,931	9
Keonjhar	.. 2	41	..	4,442	1
Koraput	.. ..	31	..	..	..
Mayurbhanj	.. 9	113	1	6,775	2
Phulbani	.. 3	12	..	2,134	..
Puri	.. 2	98	4	..	35
Sambalpur	.. 19	86	3	..	835
Sundargarh	.. 36	144	3	22,545	3

SOURCE—P. M. G. Orissa

## XX. JUDICIARY

The main function of Judiciary is to see the law passed by the Legislature are executed by the Executive Machinery in the right way and give justice to the citizens of the state. This chapter presents the information relating to administration of civil and criminal justice in the state for the last decade and the district wise break up for the years 1980 and 1981, registration of properties transferred in the state for the year 1971-72 to 1980-81 with district wise break up for the last two years and number of legal practitioners in the state for ten years with district wise data for the years 1980 and 1981. The required information are compiled in the offices of the Registrar, High Court, Orissa, Inspector General of Registrations, Orissa and Secretary Bar Council Orissa, respectively. Data presented on administration of Civil and Criminal Justice cover the cases/dealt by all the courts of the district Judges and the data presented on registration of properties cover the cases dealt by all Offices of sub-registrars in Orissa.

*Administration of Civil Justice*—Number of Judicial districts has increased from 8 in the year 1971 to 10 in the year 1981. Number of Judges in different Judicial District and High Court-including Session Judges were 336 during the year 1981.

The total number of civil suits instituted was highest during the year 1978 with 30.5 thousand and it was 13.2 thousand during the year 1981 as against 9.7 thousand in the previous year. Such cases have fluctuated from year to year during the decade ending 1981. Total number of cases pending at the end of the year 1981 were 21.1 thousand. Number of cases disposed of were highest as 30.8 thousand during the year 1978.

*Administration of Criminal Justice*—Number of Criminal cases instituted during the year 1981 were 2.9 thousand as against 2.6 thousand in the previous year recording 10 per cent increase. The total number of cases disposed during the year 1981 were 2.7 thousand as against 2.8 thousands in the previous year. Thus the disposed was declined by 4.4 per cent keeping 2.9 thousand cases pending by the end of the year 1981. Among the districts, highest number of cases (575) are pending in the district of Ganjam by the end of this year. Number of Criminals under trial during the year 1981 were 3.4 lakhs out of which 43 thousand were convicted and 95 thousand were acquitted. By the end of the year 1981 number of criminals remained under trial were 1.92 lakhs. Among the Criminals convicted 39 thousand criminal were fined and 6 thousand criminals were sentenced to imprisonment during the year 1981 as against 34 thousand and 5 thousand respectively in the previous year. Amount of fine imposed during the year 1981 was Rs. 35 lakhs as against 31 lakhs in the previous year. Number of persons sentenced to imprisonment for 15 days to 6 months were highest with more than 50 per cent of total number of persons imprisoned for every year. Number of persons sentenced to death were very negligible except for the year 1974 recording 26 persons. Among the districts highest number of criminals were under trial with 61.8 thousand in Puri district during the year 1981.

*Legal Practitioners*—Number of registered legal practitioners in the state have increased gradually from 1.4 thousand in the year 1972 to 4.2 thousand in the year 1981 recording about 207 per cent during the decade. In Cuttack district the number of advocates is highest (1.5 thousand) of those in other districts constituting 36 per cent to the total number of advocates in the state. Number of Female bar-at law and pleaders are nil whereas number of female advocates are very few. They were 35 in the year 1981 as against 19 in the previous year. Among them 18 are in the district of Cuttack during the year 1981.

*Registration of properties transferred*—Number of registration offices has increased from 110 in the year 1971-72 to 127 in the year 1980-81. The total number of registration during the year 1980-81 was 3.89 lakhs as against 4.07 lakhs in the previous year recording about 4.5 per cent decrease. So, the average number of registration per registration office was about three thousand during the year 1980-81. More than 98 per cent of the total number of registration in each year were relating to immovable properties. The value of property transferred has increased from 43.83 crores in the year 1971-72 to 89.47 crores in the year 1980-81, which comes to about more than 100 per cent increase. On account of registration of properties transferred the receipt of Government has increased gradually. It was Rs. 1.5 crores during the year 1980-81 as against Rs. 1.4 crores in the previous year accounting for about 7 per cent of increase.

The expenditure incurred for such registration work has increased gradually from year to year. Average annual increase is 30 per cent during the decade ending 1980-81. The total expenditure during the year 1980-81 was Rs. 65.52 lakhs.

## XX. JUDICIARY

Table No. 20-01

Number of Judges in different judicial district and High-court during the year 1981 in the State of Orissa

Judicial district		Number of district and Session Judges including Chief judges of High Court	Criminal Judges	Civil and Criminal Judges
(1)		(2)	(3)	(4)
Balasore	..	2	9	18
Balangir	}	5	5	14
Kalahandi				
Cuttack	..	14	17	16
Dhenkanal	..	2	10	19
Ganjam	}	7	10	25
Phulbani				
Keonjhar	}	4	16	19
Mayurbhanj				
Koraput	..	3	13	20
Puri	..	7	12	19
Sambalpur	..	4	8	23
Sundargarh	..	3	5	6
State	..	52	105	179

SOURCE—Orissa High Court

## XX. JUDICIARY

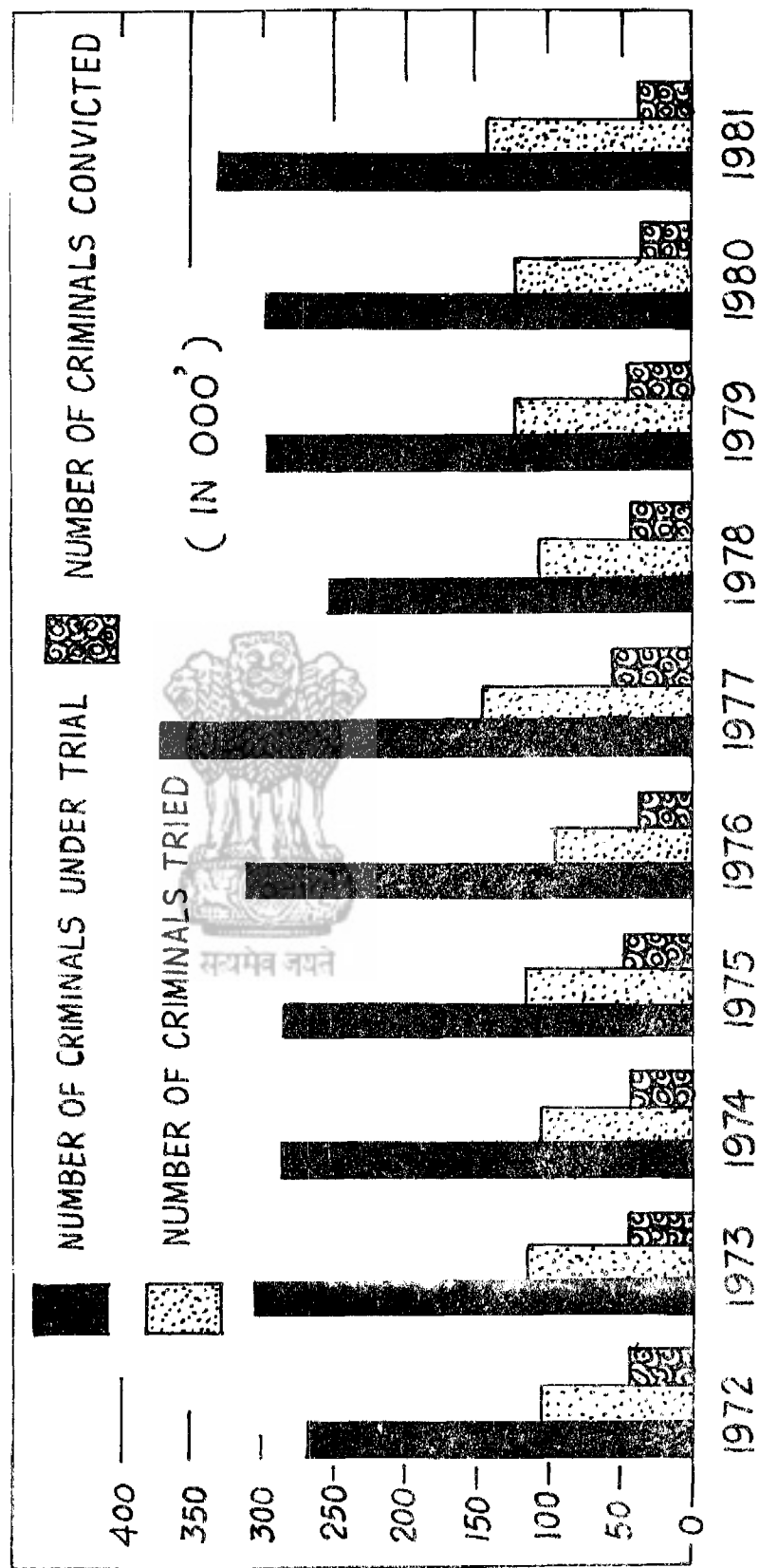
Table No. 20-02

Number of Criminal cases instituted and disposed in the State of Orissa

Year/Judicial district		Number pending at beginning of the year	Number instituted during the year	Number transferred from other courts and received otherwise	Total for disposal	Number disposed of	Number of cases remaining for dispose by end of the year
(1)		(2)	(3)	(4)	(5)	(6)	(7)
1980	..	2,904	2,621	70	5,595	2,841	2,754
1981	..	2,754	2,886	24	5,664	2,717	2,947
1980							
Balasore	..	213	175	..	388	168	220
Balangir	..	362	166	42	570	276	294
Cuttack	..	592	379	..	971	353	618
Dhenkanal	..	117	158	..	275	190	85
Ganjam	..	406	314	..	720	272	448
Kalahandi	..	99	169	25	293	192	101
Keonjhar	..	50	69	..	119	103	16
Koraput	..	385	257	3	645	262	383
Mayurbhanj	..	172	151	..	323	239	84
Phulbani	..	..	218	..	218	128	90
Puri	..	289	346	..	635	370	265
Sambalpur	..	219	219	..	438	288	150
Sundargarh	..	..	..	..	..	—	..
1981							
Balasore	..	220	215	..	435	310	125
Balangir	..	294	202	..	496	141	355
Cuttack	..	618	418	..	136	688	348
Dhenkanal	..	85	157	..	242	102	140
Ganjam	..	448	348	24	820	245	575
Kalahandi	..	101	47	..	148	59	89
Keonjhar	..	16	90	..	106	38	68
Koraput	..	383	266	..	649	297	352
Mayurbhanj	..	84	207	..	291	116	175
Phulbani	..	90	62	—	152	58	94
Puri	..	265	442	..	707	298	409
Sambalpur	..	150	180	..	330	216	114
Sundargarh	..	..	252	..	252	149	103

SOURCE— Orissa High Court

# NUMBER OF CRIMINALS TRIED AND CONVICTED IN THE STATE OF ORISSA



## XX. JUDICIARY

Table No. 20-03

General result of trials of Criminals in the State of Orissa

Year/District	Under trial during the year	Discharged or acquitted	Convicted	Committed or referred	Died-escaped and transferred to other State	Remained under trial at end of the year
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972	.. 2,66,843	55,132	43,352	2,572	3,391	1,62,396
1973	.. 3,05,611	67,608	45,484	2,443	1,027	189,049
1974	.. 2,85,461	57,771	43,545	3,408	1,477	1,79,260
1975	.. 2,87,412	59,052	50,563	4,034	1,443	1,72,320
1976	.. 3,13,745	50,441	39,192	3,480	2,937	2,17,695
1977	.. 3,73,552	86,379	56,254	1,602	4,353	2,25,564
1978	.. 2,55,448	62,108	45,803	2,428	1,969	1,43,140
1979	.. 2,97,682	75,386	47,668	498	1,416	1,72,714
1980	.. 3,00,393	77,190	41,268	3,135	1,465	1,77,285
1981	.. 3,37,924	94,913	43,079	3,789	3,907	1,92,136
1979-80						
Balasore	.. 29,541	7,260	4,147	265	78	17,791
Balangir	.. 17,665	3,957	1,965	138	115	11,490
Cuttack	.. 50,066	19,219	3,938	556	108	26,245
Dhenkanal	.. 19,105	3,718	2,210	186	597	12,394
Ganjam	.. 30,911	5,756	4,174	298	192	20,491
Kalahandi	.. 12,947	2,312	1,593	106	59	8,877
Keonjhar	.. 9,255	2,206	1,125	242	8	5,674
Koraput	.. 28,991	8,770	8,030	204	91	11,946
Mayurbhanj	.. 14,323	4,037	2,130	201	36	7,919
Phulbani	.. 6,855	1,975	1,509	112	41	3,218
Puri	.. 58,034	11,674	5,760	632	117	39,851
Sambalpur	.. 22,700	6,356	4,687	245	23	11,389
Sundargarh	.. ..	..	..	..	..	..
1980-81						
Balasore	.. 30,905	9,172	1,985	344	39	19,365
Balangir	.. 19,972	4,319	2,676	137	298	12,542
Cuttack	.. 57,519	19,965	3,936	652	430	32,636
Dhenkanal	.. 19,348	4,513	1,423	210	1,008	12,194
Ganjam	.. 40,923	9,471	8,578	262	188	22,324
Kalahandi	.. 16,188	2,205	2,413	178	1,167	10,225
Keonjhar	.. 4,505	2,254	30	..	..	2,221
Koraput	.. 22,944	8,945	8,365	497	159	11,998
Mayurbhanj	.. 14,271	4,175	2,132	304	50	7,510
Phulbani	.. 7,506	2,181	1,037	86	26	4,176
Puri	.. 61,762	14,289	6,143	817	37	40,476
Sambalpur	.. 23,189	7,464	4,373	163	505	16,684
Sundargarh	.. 11,892	5,980	88	139	..	5,685

Source—Orissa High Court



## XX. JUDICIARY

Table No. 20-04

Punishment inflicted in criminal cases in the State of Orissa

Year/ Judiciary District	Number of persons sentenced to					Total
	Death	Transportation for life	Imprison- ment	Fine or forfeiture	Given security	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972	16	171	9204	31740	703	41834
1973	2	276	8708	33713	681	43380
1974	26	144	6977	33729	954	41830
1975	4	135	9398	35759	935	47231
1976	1	229	8345	35461	1667	45703
1977	..	116	11800	50462	2221	64550
1978	1	196	7837	32388	628	41050
1979	1	156	6919	34732	242	42050
1980	13	88	5316	34454	243	40631
1981	..	426	6424	39222	3	46075
1980						
Balasore	..	13	152	3913	..	4078
Balangir	..	1	183	1633	12	1829
Cuttack	..	10	346	3276	..	3632
Dhenkanal	..	2	424	1497	6	1929
Ganjam	..	8	565	3397	154	4124
Kalahandi	..	9	267	1281	24	1581
Keonjhar	..	6	335	844	..	1185
Koraput	..	29	1035	6962	..	8026
Mayurbhanj	..	4	261	1776	..	2041
Phulbani	..	..	274	1301	11	1586
Puri	13	..	959	4491	..	5463
Sambalpur	..	6	613	4083	27	4629
Sundargarh	..	..	..	..	..	..
1981						
Balasore	..	..	215	1496	..	1711
Balangir	..	2	145	2490	..	2637
Cuttack	..	33	435	3304	..	3772
Dhenkanal	..	246	1159	..	..	1405
Ganjam	..	33	559	7608	..	8200
Kalahandi	..	7	103	2061	..	2171
Keonjhar	..	13	340	1017	..	1370
Koraput	..	21	793	7217	..	8031
Mayurbhanj	..	20	237	1751	..	2008
Phulbani	..	2	148	1845	3	998
Puri	..	22	1410	5158	..	6590
Sambalpur	..	20	428	3807	..	4255
Sundargarh	..	7	452	2468	..	2927

SOURCE—Orissa High Court.

## XX. JUDICIARY

Table No. 20-04

Punishment inflicted in criminal cases in the State of Orissa

Year/Judiciary District	Total amount of fine in '000 Rs.			Number of persons sentenced to imprisonment for		
	Imposed	Realised	Paid on compensation	15 days and less	Above 15 days to six months	Above six months
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972 ..	14.43	9.14	50,50	4,215	3,850	858
1973 ..	17.39	12.15	34,35	3,437	4,082	865
1974 ..	16.11	11.31	34,57	2,077	3,542	1,029
1975 ..	22.01	13.12	10,861	3,102	4,131	1,561
1976 ..	23.12	15.49	34,46	2,166	4,448	1,321
1977 ..	30.52	20.76	67,06	3,934	6,774	1,527
1978 ..	25.93	17.31	65,44	3,021	4,702	1,012
1979 ..	26.80	18.96	74,86	1,716	4,390	922
1980 ..	31.12	18.82	10	1,496	2,953	867
1981 ..	34.97	23.28	3	1,040	39,71	1,413
1980—						
Balasore ..	1.67	88	..	27	57	68
Balangir ..	1.46	60	1	15	114	54
Cuttack ..	4.09	3,61	..	73	145	123
Dhenkanal ..	1.13	93	3	79	298	47
Ganjam ..	7.97	2,94	..	128	333	104
Kalahandi ..	39	34	..	85	146	36
Keonjhar ..	1.12	95	2	43	249	43
Koraput ..	3.44	2,29	..	189	692	154
Mayurbhanj ..	1.68	99	..	51	196	14
Phulbani ..	1.08	81	..	124	116	36
Puri ..	3.55	2,13	..	151	242	66
Sambalpur ..	3.54	235	4	26	365	122
Sundargarh ..	..	..	..	..	..	..
1981—						
Balasore ..	1.43	1,02	..	48	104	63
Balangir ..	1.47	93	..	16	93	36
Cuttack ..	5.90	3,99	..	91	172	172
Dhenkanal ..	1.32	76	..	15	1,066	78
Ganjam ..	5.30	3,49	..	148	307	104
Kalahandi ..	1.07	59	..	24	69	10
Keonjhar ..	1.18	2	..	203	105	32
Koraput ..	5.85	4,10	..	170	300	323
Mayurbhanj ..	1.57	90	..	90	101	46
Phulbani ..	93	65	..	14	77	57
Puri ..	3.51	2,49	..	129	1,002	279
Sambalpur ..	3.59	2.72	3	32	269	127
Sundargarh ..	1.85	1.62	..	60	306	86

SOURCE—Orissa High Court

## XX. JUDICIARY

Table No. 20-05

General result of trial of Civil suits by different courts in the State of Orissa

Year/Judiciary District	Number of suits				Disposed of during the year	Pending at the end of the year	Value of suits instituted during the year in lakhs Rs.
	Pending at the beginning of the year	Instituted during the year	Otherwise received	Total for disposal			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1972	25,866	22,530	3,688	52,084	28,342	23,742	765
1973	23,742	24,019	2,678	51,439	28,382	23,057	7,199
1974	23,057	20,491	3,409	46,957	24,674	22,283	487
1975	22,283	20,826	3,776	46,885	25,567	21,318	575
1976	21,318	20,551	3,636	45,505	24,313	21,192	1,088
1977	21,192	21,548	4,491	47,231	26,266	20,965	822
1978	20,965	30,571	4,137	45,673	30,757	14,916	836
1979	14,916	9,981	1,328	26,225	9,646	16,579	1,184
1980	16,579	9,661	1,706	27,946	8,765	19,181	1,809
1981	19,181	13,198	1,719	34,098	12,973	21,125	2,423
1980							
Balasore	2,337	1,199	78	3,614	886	2,728	83
Balangir	715	730	148	1,593	216	1,377	36
Kalahandi	..	..	..	..	..	..	..
Cuttack	4,774	2,822	457	8,053	2,748	5,305	321
Dhenkanal	651	543	29	1,223	623	600	11
Ganjam	1,685	314	359	2,358	321	2,037	82
Keonjhar	832	645	77	1,554	585	969	118
Koraput	504	567	54	1,125	544	581	16
Mayurbhanj	..	..	..	..	..	..	..
Phulhani	..	..	..	..	..	..	..
Puri	3,011	1,860	332	5,203	1,706	3,497	1,065
Sambalpur	1,631	730	94	2,455	779	1,676	30
Sundargarh	2,439	251	78	768	357	311	36
1981							
Balasore	2,728	1,248	99	4,075	1,166	2,909	104
Balangir	1,377	713	62	2,152	750	1,402	61
Cuttack	5,305	5,120	39	10,816	3,809	7,007	382
Dhenkanal	600	386	62	1,048	593	455	21
Ganjam	2,037	1,125	116	3,278	1,117	2,161	87
Kalahandi	..	..	..	..	..	..	..
Keonjhar	969	670	43	1,682	592	1,090	73
Koraput	581	582	58	1,221	724	497	28
Mayurbhanj	..	..	..	..	..	..	..
Phulbani	..	..	..	..	..	..	..
Puri	3,497	2,143	580	6,220	2,716	3,504	1,432
Sambalpur	1,676	692	242	2,610	1,073	1,573	142
Sundargarh	411	519	66	996	433	563	93

SOURCE—Orissa High Court

## XX. JUDICIARY

Table No. 20-06

Number and description of registered documents and value of properties

Year/District	Number of Registration Offices	Number of registrations						
		In valuable property			Movable property	Others	Total No. of registration	
		Compulsory	Optional	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1971-72	..	110	426,456	332	426,788	6,312	N. A.	433,100
1972-73	..	113	409,778	372	410,150	5,907	N. A.	416,057
1973-74	..	115	424,186	173	424,349	6,820	1,097	432,266
1974-75	..	120	472,864	285	473,149	6,586	1,198	480,933
1975-76	..	120	446,154	100	446,254	6,689	1,067	45,4010
1976-77	..	120	381,028	127	381,155	7,400	1,200	388,555
1977-78	..	127	336,850	127	396,977	8,255	1,250	405,232
1978-79	..	127	385,778	13,733	399,511	10,282	991	409,793
1979-80	..	127	397,523	91	397,614	8,257	1,508	407,379
1980-81	..	127	377,591	42	377,633	9,889	1,509	389,031
1979-80								
Balasore	..	14	58,177	1	58,178	443	64	58,685
Balangir	..	5	12,248	4	12,252	370	135	12,757
Cuttack	..	24	102,664	..	102,664	1,824	126	104,614
Dhenkanal	..	8	21,550	..	21,550	426	33	22,009
Ganjam	..	15	61,282	47	61,329	1,168	590	63,087
Kalahandi	..	5	7,800	4	7,804	214	23	8,041
Keonjhar	..	4	11,590	..	11,590	184	7	11,781
Koraput	..	13	10,466	32	10,498	173	116	10,787
Mayurbhanj	..	5	15,998	..	15,998	350	17	16,365
Phulbani	..	4	3,079	2	3,081	203	18	3,302
Puri	..	18	69,138	..	69,138	1,970	104	71,212
Sambalpur	..	8	19,289	1	19,290	512	204	20,006
Sundargarh	..	4	4,242	..	4,242	420	71	4,733
1980-81								
Balasore	..	14	53,389	..	53,389	589	67	54,045
Balangir	..	5	11,119	1	11,120	345	115	11,590
Cuttack	..	24	96,669	..	96,669	2,627	104	99,400
Dhenkanal	..	8	20,339	..	20,339	595	26	20,961
Ganjam	..	15	56,849	32	56,881	1,334	660	58,875
Kalahandi	..	5	8,735	2	8,737	424	15	9,176
Keonjhar	..	4	12,144	..	12,144	219	10	12,373
Koraput	..	13	12,172	2	12,174	205	14	12,493
Mayurbhanj	..	5	16,128	..	16,128	322	11	16,461
Phulbani	..	4	2,783	1	2,784	189	23	2,996
Puri	..	18	63,702	..	63,702	2,136	85	65,923
Sambalpur	..	8	19,502	3	19,505	561	213	20,284
Sundargarh	..	4	4,060	1	4,061	342	61	4,464

## XX. JUDICIARY

Table No. 20-06

Number of description of registration documents and value of property transferred in the State of Orissa

Year/District	Aggregate value of properties registered for transfer in '000 Rs.			Total receipt (in '000) Rs.	Total expenditure in '000 Rs.
	Immovable property	Movable property	Total		
(1)	(9)	(10)	(11)	(12)	(13)
1971-72	4,26,028	11,448	4,38,276	514	1,761
1972-73	4,25,570	17,061	4,42,631	513	1,887
1973-74	4,40,562	16,638	4,57,200	5,926	2,287
1974-75	20,73,971	11,574	20,85,545	7,894	2,942
1975-76	6,06,990	21,711	6,28,701	10,629	3,822
1976-77	5,89,724	9,729	5,99,453	11,080	4,784
1977-78	6,19,270	15,365	6,34,636	12,350	5,233
1978-79	9,62,704	19,041	9,81,745	14,430	5,791
1979-80	8,33,215	22,393	8,61,608	13,853	6,567
1980-81	8,50,999	43,714	8,94,713	14,928	6,552
1979-80					
Balasore	79,973	486	80,459	1,554	1,043
Balangir	32,408	118	32,526	533	320
Cuttack	2,29,595	4,749	2,34,344	3,939	1,590
Dhenkanal	39,455	664	40,119	617	242
Ganjam	1,42,853	2,294	1,45,147	2,140	805
Kalahandi	21,050	63	21,113	313	229
Keonjhar	16,887	230	17,117	328	172
Koraput	27,082	276	27,358	464	137
Mayurbhanj	34,427	433	34,860	549	265
Phulbani	5,459	95	5,554	109	64
Puri	1,44,294	12,174	15,668	2,131	1,187
Sambalpur	50,161	285	50,445	978	349
Sundargarh	15,571	526	16,097	297	164
1980-81					
Balasore	87,076	855	87,931	1,598	1,146
Balangir	32,303	174	32,477	604	234
Cuttack	1,88,882	4,182	1,93,064	4,188	1,637
Dhenkanal	39,832	382	40,214	627	236
Ganjam	1,48,323	2,256	1,50,578	2,232	869
Kalahandi	25,989	186	26,175	377	197
Keonjhar	18,739	383	20,132	377	174
Koraput	34,504	177	34,681	562	151
Mayurbhanj	36,126	593	36,719	618	283
Pulbani	5,159	133	5,292	100	60
Puri	1,56,848	33,825	1,90,673	2,400	1,102
Sambalpur	58,426	141	58,567	978	349
Sundargarh	17,792	417	18,209	267	114

SOURCE—Orissa High Court

## XX. LEGAL PRACTITIONER

Table No. 29-07

Number of Legal Practitioners in the State of Orissa

Year/District	Bar at Law		Advocate		Pleader		Others		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1972	6	..	1,343	..	8	..	14	..	1,371
1973	6	..	1,583	..	6	..	17	..	1,612
1974	6	..	1,921	1	5	..	12	..	1,945
1975	6	..	2,100	3	4	..	9	..	2,122
1976	6	..	2,295	5	10	..	8	..	2,324
1977	5	..	2,492	5	10	..	14	..	2,526
1978	5	..	2,721	11	3	..	8	..	2,748
1979	6	..	3,053	11	2	..	7	..	3,079
1980	6	..	3,641	19	3	..	9	..	3,678
1981	6	..	4,166	35	1	..	5	..	4,213
1980									
Balasore	..	..	221	1	1	..	..	..	223
Balangir	..	..	276	..	..	..	..	N.A.	276
Cuttack	5	..	1,294	8	..	N.A.	1	..	1,308
Dhenkanal	..	..	143	..	1	..	3	..	147
Ganjam	..	..	42	..	N.A.	..	..	..	42
Kalahandi	..	..	114	..	..	..	..	..	114
Keonjhar	..	..	75	..	1	..	..	..	76
Koraput	..	..	153	1	..	..	..	..	154
Mayurbhanj	..	..	201	2	..	..	..	..	203
Phulabani	..	..	63	..	..	..	..	..	63
Puri	..	..	527	2	..	..	3	..	532
Sambalpur	..	..	354	1	..	..	1	..	356
Sundargarh	1	..	178	4	..	..	1	..	184
1981									
Balasore	..	..	269	1	1	..	..	..	271
Balangir	..	..	282	..	..	..	..	..	282
Cuttack	5	..	1,507	18	..	..	1	..	1,531
Dhenkanal	..	..	188	..	..	..	..	..	188
Ganjam	..	..	76	..	..	..	..	..	76
Kalahandi	..	..	123	..	..	..	..	..	123
Keonjhar	..	..	91	2	..	..	..	..	93
Koraput	..	..	159	1	..	..	..	..	160
Mayurbhanj	..	..	203	2	..	..	..	..	205
Phulabani	..	..	65	..	..	..	..	..	65
Puri	..	..	633	6	..	..	3	..	642
Sambalpur	..	..	365	1	..	..	1	..	367
Sundargarh	1	..	205	4	..	..	..	..	210

## XXI. POLICE AND CRIME

This chapter presents Statistical tables containing number of police-stations, out-posts, fire stations, strength of armed, unarmed and Military Police, for the years 1976 to 1981 and incidence of crimes and number of accidents on road due to various types of conveyances for the years 1972 to 1981 with districtwise break up for the last two years in the State. The State Government for maintenance of Law and Order, protection of life and properties of the people and of the State, prevention and detection of crimes like murder, theft, burglary, dacoity and robbery, etc., and to punish the criminals, require the services of police forces.

*Police-stations*—Police-stations, out-posts and fire stations have been instituted in different parts of the State to maintain internal security, providing safety to the properties of the citizens and the State. Police-stations and out-posts including beat houses, have been set up both in rural and urban areas where as fire stations have been set up only in urban areas. Number of police-stations, out-posts including beat houses and fire stations were 366, 390 and 47 respectively by the end of 1981 as against 341, 350 and 46 respectively in the preceding year. Thus the percentage of increase is 7.33, 11.43 and 2.17 respectively. Number of fire stations for 1981 is provisional. Area and population served by each police-station were 425.6 Sqr. Kms. and 72 thousand respectively during 1981. One Fire Station served an area of 45.17 Sqr. Kms. and 66 thousand population on an average in urban area.

*Strength of Police Force*—Number of Armed, Unarmed and Military Police of Orissa were 6.6 thousand, 14.6 thousand and 6.3 thousand respectively in 1981 constituting 24.05%, 52.92% and 22.98% of total police of 27,511 as against 6.5 thousand, 13.4 thousand and 6.4 thousand respectively in 1976 constituting 24.72%, 50.78% and 24.51% of the total police of 26,300. Thus the increase in each of category of police force during the last five years is 1.77%, 9.13% and (—) 1.75% respectively and overall increase in the strength of all categories of forces comes to 4.60%. There was one police for 6 Sq. Km. of area and 9 hundred population. Among police personnels the constables and Sepoys were 19,275 in 1981 constituting 70% of the strength of all police forces. The strength of military police constitute 22.98% of all police forces during 1981 as against 4.50% in 1976. The services of military police consist of six battalions are only utilised when the general police fail to maintain law and order in the State.

*Incidence of crime*—Total number of crimes occurred in the State during 1981 were 43 thousand as against 47 thousand in the previous year recording about 9.39% of decrease. Among different categories of crimes, dacoity, burglary, theft and rioting have decreased where as murders, robbery, kidnapping and abduction have increased during 1981 in comparison to their numbers to the previous year. The total number of all types of crimes was highest in Puri district followed by Cuttack, Ganjam and the lowest in Phulbani in 1981.

*Accidents on road due to conveyances*—Accidents on roads by various vehicles like Buses, Trucks, Cycles, Rickshaws, Bullock Carts, Jeeps, Motor Cycles and Scooters are considered as criminal offences which are dealt by police. Now-a-days occurrences of such accidents have increased to a great extent as the number of vehicles plying on the road have increased considerably. Such accidents have increased from 2,682 in 1976 to 3,678 in 1981. The percentage of increase is 37.14% during the last five years and 7% annually on the average. Number of persons killed and injured were 467 and 2,864 respectively on account of such accidents during the year 1981 as against 434 and 2,756 in the previous year. The number of persons died and injured per accident was about one during the year 1981. Out of 3,678 total number of accidents, 1,823 numbers of accidents were caused by the trucks consisting 49.56% of total number of accidents followed by Buses with 14.33% during the year 1981. The accidents caused by Cycles, Cycle Rickshaws and Bullock Carts were very negligible.

## XXI. POLICE AND CRIME

Table No. 21-01

Number of Police-stations/Out-posts and Fire Stations in Orissa

Year/District	Number of Police-station	Out-posts, Beat Houses and Town Out-posts	Fire Stations
(1)	(2)	(3)	(4)
1976	329	331	46
1977	330	331	51
1978	333	333	52
1979	333	345	54
1980	341	350	43 (P)
1981	366	390	47 (P)
1980			
Balasore	24	26	2
Balangir	17	17	3
Cuttack	39	34	7
Dhenkanal	25	25	6
Ganjam	25	25	..
Kalahandi	16	22	2
Keonjhar	15	18	3
Koraput	41	38	6
Mayurbhanj	21	12	3
Phulbani	15	12	3
Puri	26	29	4
Bhubaneswar	7	16	..
Sambalpur	37	32	..
Sundargarh	18	13	4
Rourkela	5	10	..
Government Railway Police	10	21	..
1981			
Balasore	25	29	2
Balangir	17	17	4
Cuttack	44	38	7
Dhenkanal	25	29	7
Ganjam	27	26	..
Kalahandi	16	23	2
Keonjhar	16	18	3
Koraput	43	47	6
Mayurbhanj	23	17	4
Phulbani	16	13	3
Puri	27	33	5
Bhubaneswar	11	19	..
Sambalpur	38	35	..
Sundargarh	19	15	4
Rourkela	9	10	..
Government Railway Police	10	21	..

SOURCE—I. G. of Police, Orissa



## XXI. POLICE AND CRIME

Table No. 21-02

Strength of Armed Police Forces in the State of Orissa

Year/District	Inspector	Surgeant	S.-I. & A. S.-I.	Havildar and Havildar Major	Constable	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1976	32	45	54	861	5,046	463	6,501
1977	31	45	54	850	4,977	463	6,420
1978	32	45	55	851	5,018	451	6,452
1979	17	45	55	816	5,100	416	6,449
1980	17	45	69	827	5,139	418	6,516
1981	17	45	70	850	5,218	416	6,616
1980							
Balasore	1	2	4	54	326	28	415
Balangir	1	2	3	36	222	20	284
Cuttack	2	6	6	88	538	34	674
Dhenkanal	1	2	5	49	321	26	404
Ganjam	1	4	4	58	351	22	440
Kalahandi	1	2	3	32	205	16	259
Keonjhar	1	2	5	43	252	24	327
Koraput	1	5	7	94	593	55	755
Mayurbhanj	1	2	3	53	342	32	433
Phulbani	1	2	3	32	194	19	251
Puri	1	3	5	52	313	19	393
Bhubaneswar	2	3	3	55	360	18	441
Sambalpur	1	4	7	71	442	40	565
Sundargarh	1	2	7	53	339	41	443
Rourkela	1	4	4	58	341	24	432
1981—							
Balasore	1	2	4	56	334	27	424
Balangir	1	2	3	37	223	20	286
Cuttack	1	6	6	93	561	34	702
Dhenkanal	1	2	5	49	323	25	405
Ganjam	1	4	4	59	355	22	445
Kalahandi	1	2	3	34	210	16	269
Keonjhar	1	2	5	44	254	24	330
Koraput	1	5	7	93	576	50	732
Mayurbhanj	1	2	3	54	343	32	435
Phulbani	1	2	3	32	195	19	252
Puri	1	3	5	52	317	19	397
Bhubaneswar	2	3	3	58	376	18	460
Sambalpur	1	4	7	73	455	40	580
Sundargarh	1	2	7	56	355	41	462
Rourkela	1	4	4	59	341	24	433
P. T. C.	..	..	1	1	..	5	7

SOURCE—I. G. of Police, Orissa

## XXI. POLICE AND CRIME

Table No. 21-03

Strength of Unarmed Police Force in the State of Orissa

Year/District	Number of						
	I.-G. Additional I.-G., D. I.-G. and A. I.-G.	S. P., Additional S. P., D. S. P. and A. S. P.	R. I. Ins- pector Surgeant and A. P. P.	S.-I. and A. S.-I.	Havildar Major and Havildar	Constable	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1976	..	15	206	265	3,276	416	9,176
1977	..	15	206	267	3,536	410	9,042
1978	..	16	205	269	3,258	413	9,148
1979	..	515	207	294	3,293	762	8,799
1980	..	16	201	304	3,336	829	8,964
1981	..	17	230	327	3,474	870	9,655
1980							
Balasore	..	..	5	13	150	33	528
Balangir	..	..	3	6	95	24	373
Cuttack	..	..	9	17	277	85	1,091
Dhenkanal	..	..	5	10	131	37	496
Ganjam	..	..	7	12	177	49	671
Kalahandi	..	..	3	7	97	20	338
Keonjhar	..	..	4	5	95	22	335
Koraput	..	..	8	15	241	54	865
Mayurbhanj	..	..	4	9	119	28	366
Phulbani	..	..	2	6	68	16	248
Puri	..	..	6	12	176	51	612
Bhubaneswar	..	..	3	7	94	33	373
Sambalpur	..	..	8	14	202	59	797
Sundagarh	..	..	3	7	84	21	274
Raourkela	..	..	4	8	79	31	373
State Police Headquarters	6	1	6	7	..	34	54
Special Branch, D. I.-G. of Ranges Head quarters and others.	..	13	50	221	4	182	470
Establishment	..	9	1	11	25	4	51
G. R. P., C. I. D., Railway	..	1	3	7	59	36	392
All Other Establishment	..	..	109	82	938	222	565

## XXI. POLICE AND CRIME

Table No. 21-03

Strength of Unarmend Pollice Force in the State of Orissa

Year/District	Number of						Total
	I.-G., Addl. I.-G., D. I.-G. & A. I.-G.	S. P., Addl. S. P., D. S. P. & A. S. P.	R. I. Inspectors Surgeant & A. P. P.	S.-I. A. S.-I.	Havildar Major & Havildar	Constable	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1981—							
Balasore	..	6	13	156	36	564	775
Balangir	..	4	6	99	26	400	535
Cuttack	..	9	12	173	33	527	754
Cuttack (S)	..	5	15	132	57	688	897
Dhenkanal	..	6	10	132	38	509	695
Ganjam	..	8	14	180	51	710	963
Kalahandi	..	5	7	98	20	354	484
Keonjhar	..	5	5	99	24	360	493
Koraput	..	9	15	249	61	972	1,306
Mayurbhanj	..	5	9	130	30	423	597
Phulbani	..	4	6	72	17	276	375
Puri	..	7	12	181	52	644	896
Bhubaneswar	..	4	11	106	37	434	592
Sambalpur	..	9	14	207	62	836	1,128
Sundargarh	..	5	7	90	24	315	441
Rourkela	..	5	13	96	36	434	584
State Police	6	1	6	7	..	34	54
Special and other Branch, D. I.-G. of Ranges, Hqrs. & others.	..	13	50	220	4	179	466
Establishment	9	1	11	25	4	55	105
G. R. P. & C. I. D. Rly.	1	3	7	69	36	392	508
All other Establishment	1	116	84	953	222	549	1,925

## XXI—POLICE AND CRIME

Table No. 21·04

Strength of Orissa Military Police Force in the State of Orissa

Year	No. of battalions	Number of						Total
		Comman- dant, Dy. Comman- dant and Asst. Comman- dant	Inspector, R. I. and Surgent	S.-I. and A.S.-I.	Havildar and Havildar Major	Sepoy	Others	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1976	6	52	9	68	820	4,616	874	6,445
1977	6	52	9	69	820	4,616	876	6,448
1978	7	52	13	213	748	4,402	867	6,302
1979	7	53	13	213	748	4,402	866	6,302
1980	7	73	13	213	748	4,402	873	6,322
1981	7	73	13	213	748	4,402	873	6,322

## XXI.—POLICE AND CRIME

Table No. 21-05

Strength of all Police Forces in the State of Orissa

Year/District other Establishment	Number of								Total
	I.-G., Addl. I.-G. D.I.-G. and A.I.-G.	S.P., Addl. S.P., D.S.P. and A.S.P.	Comman- dant, Dy. Comman- dant and Asst Comman- dant	Inspector, Sergeant D.S.P. and A.P.P.	S.-I. and A.S.I.,	Havildar and Havildar Major	Consta- ble and Sepoys	Other	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1976	15	206	52	351	3,98	2,097	18,838	1,343	26,300
1977	15	206	52	352	3,659	2,080	18,635	1,045	26,044
1978	16	205	54	359	3,526	2,361	18,568	958	26,047
1979	15	207	53	371	3,561	2,326	18,301	1,287	26,121
1980	16	201	73	379	3,618	2,404	18,505	1,292	26,488
1981	17	230	73	402	3,757	2,468	19,275	1,289	27,511
1980—									
Balasore	..	5	..	16	154	87	854	28	1,144
Bolangir	..	3	..	9	98	60	595	20	785
Cuttack	..	9	..	25	283	173	1,629	34	2,153
Dhenkanal	..	5	..	13	136	86	817	26	1,083
Ganjam	..	7	..	17	181	107	1,022	22	1,356
Kalahandi	..	3	..	10	100	52	543	16	724
Keonjhar	..	4	..	8	101	65	587	24	789
Koraput	..	8	..	21	248	148	1,458	55	1,938
Mayurbhanj	..	4	..	12	122	81	708	32	959
Phulbani	..	2	..	9	71	48	442	19	591
Puri	..	6	..	12	97	88	733	18	95
Bhubaneswar	..	3	..	16	181	103	925	19	1,250
Sambalpur	..	8	..	19	209	130	1,239	40	1,645
Sundargarh	..	3	..	10	91	74	613	41	832
Rourkela	..	4	..	13	83	89	714	24	927
State Police									
Dora	6	1	..	6	7	..	34	..	54
Spl. Branch	..	13	..	50	221	4	182	..	470
D.I.-G. of Ranges Hqrs. and other Establishment.	9	1	..	11	25	4	51	..	101
G.R.P. and C.I.D. Rly.	1	13	—	7	59	36	392	..	498
All other Esta- blishment.	..	109	..	82	938	222	565	..	1,916
O.M.P.	..	..	73	13	213	748	4,402	873	6,322

## XXI—POLICE AND CRIME

Table No. 21-05

Strength of all Police forces in the State of Orissa

Year/District/Other Establishment	Number of			
	I.-G., Addl. I.-G., D. I.-G. and A.I.-G.	S. P., Addl. S. P., D. S. P. and A.S.P.	Commandant, Dy. Commandant and Asst. Commandant	Inspector, Sergeant, D. S. P. & A. P. P.
(1)	(2)	(3)	(4)	(5)
1981				
Balasore	..	6	..	16
Balangir	..	4	..	9
Cuttack	..	9	..	20
Cuttack (S)	..	5	..	15
Dhenkanal	..	6	..	13
Ganjam	..	8	..	19
Kalahandi	..	5	..	10
Konjhar	..	5	..	8
Koraput	..	9	..	21
Mayurbhanj	..	5	..	12
Phulbani	..	4	..	9
Puri	..	7	..	16
Bhubaneswar	..	4	..	16
Sambalpur	..	9	..	19
Sundargarh	..	5	..	10
Rourkela	..	5	..	11
State Police Hqrs.	..	1	..	6
Special Branch	..	13	..	50
D. I.-G. of Ranges Headquarters & others Estt.	9	1	..	11
G. R. P. & C. I. D. Rly.	..	3	..	78
All other Establishment	..	116	..	85
O. M. P.	..	..	73	13

## XXI—POLICE AND CRIME

Table No. 21-05

Strength of all Police forces in the State of Orissa

Year/District/Other Establishment	Number of				Total
	S.-I. & A. S.-I.	Havildar & Havildar Major	Constable and Sepoys.	Other	
(1)	(6)	(7)	(8)	(9)	(10)
1981					
Balasore ..	160	92	898	27	1,199
Balangir ..	102	63	623	20	821
Cuttack ..	179	126	1,088	34	1,456
Cuttack (S) ..	132	57	688	..	897
Dhenkanal ..	137	87	832	25	1,100
Ganjam ..	184	110	1,065	22	1,408
Kalahandi ..	101	54	564	16	750
Keonjhar ..	104	768	614	24	823
Koraput ..	256	154	1,548	50	2,038
Mayurbhanj ..	133	84	766	32	1,032
Phulbani ..	75	49	471	19	627
Puri ..	186	104	810	19	1,142
Bhubaneswar ..	109	95	961	18	1,203
Sambalpur ..	214	135	1,291	40	1,708
Sundargarh ..	97	80	670	41	903
Rourkela ..	100	95	775	24	1,017
State Police Hqrs. ..	7	..	34	..	54
Special Branch ..	22	4	179	..	466
D.I.-G. of Ranges Headquarters and other Estts.	25	4	55	..	105
G. R. P. & C. I. D. Rly. ..	69	36	392	..	508
All other Eatablishment ..	954	222	549	5	1,932
O. M. P. ..	213	748	4,402	873	6,322

## XXI. POLICE AND CRIME

Table No. 21-06

Incidence of Crimes in Orissa

Year/District	Number of Crimes detected				
	Murder	Dacoity	Rubbbery	Burglary	Theft
(1)	(2)	(3)	(4)	(5)	(6)
1972	428	115	300	5,866	12,492
1973	396	156	315	5,693	11,806
1974	412	275	360	6,032	11,817
1975	424	241	478	7,083	13,316
1976	455	176	379	6,263	11,677
1977	395	192	427	6,747	12,179
1978	464	282	520	6,817	12,555
1979	452	263	605	6,840	12,661
1980	482	380	744	7,885	13,962
1981	484	373	901	6,020	12,174
<b>1980</b>					
Balasore	21	49	48	571	824
Balangir	16	37	21	338	650
Cuttack	36	48	109	1,236	2,380
Dhenkanal	40	9	31	414	909
Ganjam	42	29	73	398	858
Kalahandi	14	15	35	381	580
Keonjhar	36	6	14	295	589
Koraput	75	11	85	572	882
Mayurbhanj	52	34	29	261	510
Phulbani	22	8	17	158	291
Puri	26	31	82	868	2,290
Sambalpur	48	54	99	1,919	1,920
Sundargarh	54	49	101	474	1,279
<b>1981</b>					
Balasore	24	33	45	420	743
Balangir	13	6	19	259	570
Cuttack	38	60	114	784	1,564
Dhenkanal	26	22	43	314	722
Ganjam	47	32	94	440	901
Kalahandi	26	10	40	303	545
Keonjhar	42	6	16	287	552
Koraput	83	15	124	554	836
Mayurbhanj	37	44	58	280	510
Phulbani	20	10	27	183	267
Puri	27	47	116	919	2,409
Sambalpur	42	28	97	912	1,433
Sundargarh	59	60	108	365	1,122



## XXI. POLICE AND CRIME

Table No. 21'06

Incidence of Crimes in Orissa

Year/District		Number of Crimes detected				
		Rioting	Kidnapping	Abduction	Miscellaneous	Total
(1)		(7)	(8)	(9)	(10)	(11)
1972	..	694	45	17	10,146	30,103
1973	..	1,030	60	3	12,663	32,122
1974	..	1,145	47	..	13,256	33,344
1975	..	959	40	1	15,029	37,571
1976	..	1,012	66	3	16,080	36,111
1977	..	1,107	52	4	15,867	36,970
1978	..	1,369	66	5	18,306	40,384
1979	..	1,706	47	1	20,571	43,146
1980	..	1,856	81	6	21,917	47,313
1981	..	1,710	83	170	20,957	42,872
<b>1980</b>						
Balasore	..	8	..	3	1,564	3,088
Balangir	..	129	..	..	1,070	2,261
Cuttack	..	414	29	..	3,253	7,505
Dhenkanal	..	91	18	2	1,489	3,003
Ganjam	..	256	..	..	2,292	3,948
Kalahandi	..	66	..	..	946	2,037
Keonjhar	..	57	2	..	971	1,970
Koraput	..	62	..	..	1,715	3,402
Mayurbhanj	..	48	..	..	869	1,803
Phulbani	..	41	12	1	661	1,211
Puri	..	318	9	..	2,401	6,025
Sambalpur	..	264	5	..	2,734	7,043
Sundargarh	..	102	6	..	1,952	4,017
<b>1981</b>						
Balasore	..	..	21	..	1,303	2,589
Balangir	..	84	2	..	1,172	2,135
Cuttack	..	243	10	..	2,422	5,235
Dhenkanal	..	88	11	..	1,125	2,352
Ganjam	..	280	..	..	2,898	4,692
Kalahandi	..	81	..	2	1,053	2,060
Keonjhar	..	58	6	168	1,075	2,209
Koraput	..	106	..	..	1,982	3,690
Mayurbhanj	..	52	..	..	1,156	2,137
Phulbani	..	58	7	..	733	1,305
Puri	..	344	..	..	2,442	6,504
Sambalpur	..	210	12	..	1,691	4,425
Sundargarh	..	106	14	..	1,705	3,539

## XXI. POLICE AND CRIME

Table No. 21-07

Road Accidents due to conveyances in Orissa

Year/ District	Total number of accidents	Number of accidents due to					
		Bus	Truck	Cycle	Cycle Rickshaw	Bullock carts	
		(1)	(2)	(3)	(4)	(5)	(6)
1972	..	2,287	192	1,142	23	10	11
1973	..	2,372	199	1,223	26	14	6
1974	..	2,152	205	1,217	28	18	9
1975	..	2,538	305	1,331	27	19	8
1976	..	2,682	308	1,362	20	11	8
1977	..	3,009	352	1,410	8	34	2
1978	..	3,442	472	1,588	13	12	13
1979	..	3,841	621	1,821	27	1	19
1980	..	3,860	529	1,918	12	22	3
1981	..	3,678	527	1,823	2	6	12
1980							
Balasore	..	264	27	190	..	..	..
Balangir	..	158	22	56	1	14	..
Cuttack	..	577	119	218	..	..	..
Dhenkanal	..	279	35	167	..	..	..
Ganjam	..	326	53	192	..	..	..
Kalahandi	..	243	17	54	..	..	..
Keonjhar	..	223	21	117	..	..	..
Koraput	..	314	25	149	7	..	2
Mayurbhanj	..	265	25	187	..	1	..
Phulbani	..	..	..	..	..	..	..
Puri	..	596	133	262	..	..	..
Sambalpur	..	223	18	110	4	7	..
Sundargarh	..	492	34	216	..	..	1
1981							
Balasore	..	226	43	154	..	..	..
Balangir	..	141	20	42	..	3	10
Cuttack	..	408	67	223	..	..	2
Dhenkanal	..	229	35	143	1	..	..
Ganjam	..	387	71	215	..	..	..
Kalahandi	..	186	15	49	..	..	..
Keonjhar	..	202	22	129	..	..	..
Koraput	..	334	39	138	..	..	..
Mayurbhanj	..	234	18	169	..	..	..
Phulbani	..	49	9	23	1	1	..
Puri	..	690	137	270	..	..	..
Sambalpur	..	75	10	36	..	2	..
Sundargarh	..	512	41	232	..	..	..

## XXI. POLICE AND CRIME

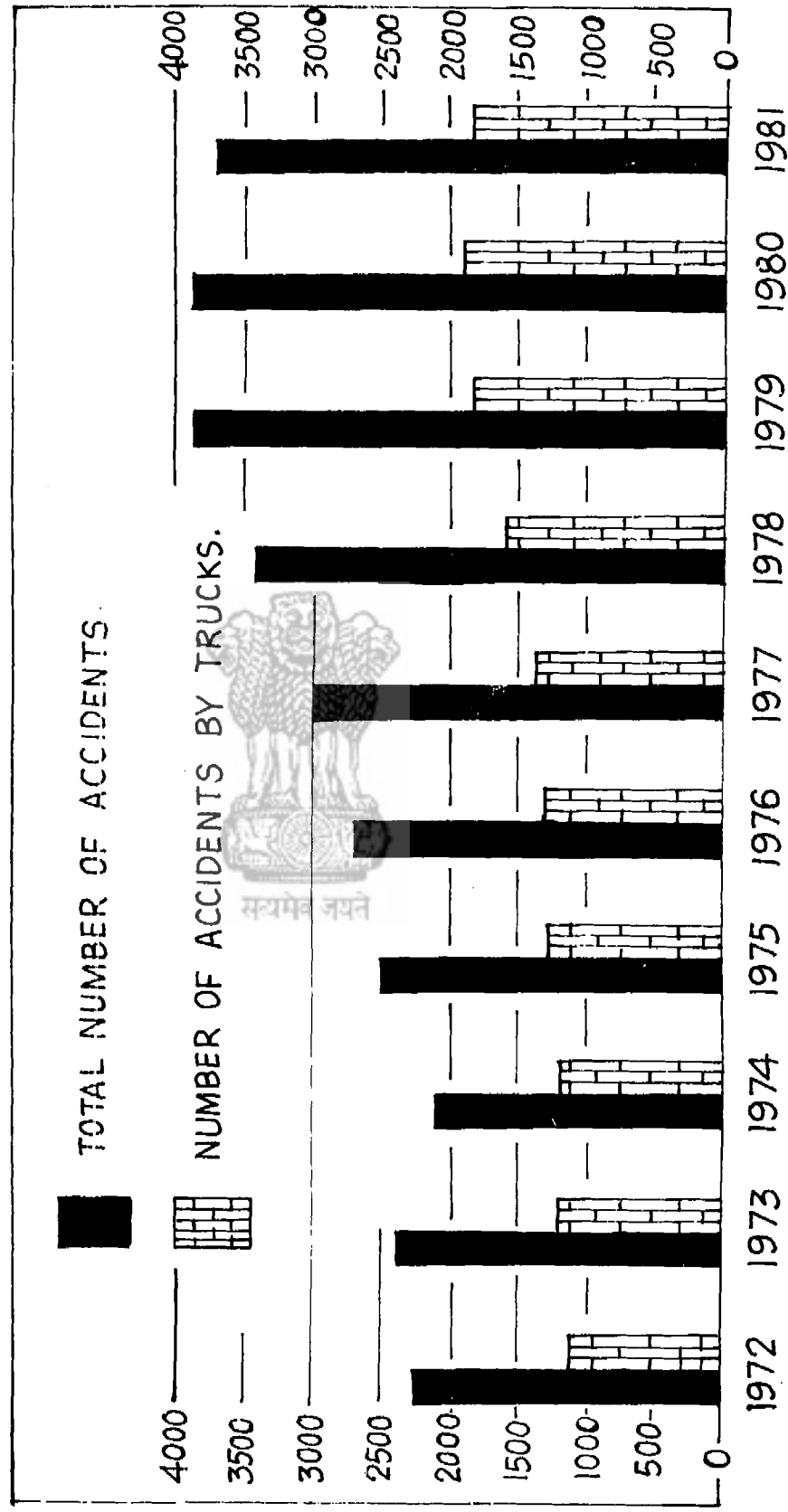
Table No. 21-07

Road Accidents due conveyances in Orissa

Year/District	Number of accidents due to				
	Motor cars and jeeps	Motor cycle	Other vehicles	Persons killed	Persons injured
(1)	(8)	(9)	(10)	(11)	(12)
1972	511	109	289	300	1,584
1973	463	154	287	419	1,661
1974	349	113	212	324	1,307
1975	388	206	254	871	1,752
1976	443	248	282	423	2,513
1977	485	300	418	359	2,475
1978	510	369	465	397	2,684
1979	489	380	483	472	3,024
1980	528	336	512	434	2,756
1981	461	310	532	467	2,864
<b>1980</b>					
Balasore	6	..	41	28	239
Balangir	27	24	14	8	149
Cuttack	98	75	67	43	342
Dhenkanal	48	21	8	30	166
Ganjam	38	..	43	57	187
Kalahandi	17	..	55	11	121
Keonjhar	38	2	45	33	298
Koraput	47	47	37	31	311
Mayurbhanj	9	21	22	32	97
Phulbani	..	..	..	..	..
Puri	116	25	60	68	394
Sambalpur	13	14	57	6	57
Sundargarh	71	107	63	87	396
<b>1981</b>					
Balasore	11	..	18	36	171
Balangir	35	18	13	11	177
Cuttack	35	35	46	44	264
Dhenkanal	29	17	4	50	250
Ganjam	30	..	71	51	244
Kalahandi	33	..	89	16	166
Keonjhar	16	..	35	25	201
Koraput	62	43	52	55	238
Mayurbhanj	11	19	17	16	97
Phulbani	4	6	5	3	53
Puri	122	47	114	105	529
Sambalpur	..	10	17	3	29
Sundargarh	73	115	51	52	445

SOURCE—Superintendents of Police

# NUMBER OF ROAD ACCIDENTS DUE TO CONVEYANCES IN THE STATE OF ORISSA



## XXII. STATE FINANCE

This chapter presents the data on Income by sources and expenditure by services under Revenue and Capital account of the State Government from 1971-72 to 1980-81, Land-Revenue and General-Cess, Sales-tax and Agricultural Income-tax, Excise Revenue, Entertainment tax collected in Orissa during the years 1976-77 to 1980-81, plan-outlay and expenditure on Five year Plans from 1951-52 to 1980-81, target and achievement of Small-savings from 1971-72 to 1980-81, Income-tax payable by ranges of income and classes of assesses and Gross-Income and Gross-tax from business profession for the years 1974-75 to 1979-80 in Orissa.

*Receipt and expenditure*—The revenue receipt of the State was Rs. 621.3 crores for the year 1980-81 as against Rs. 467.6 crores in the previous year. Thus it has recorded rise of Rs. 153.7 crores with 32.87 per cent over that of the previous year. The acceleration is mainly due to higher receipts under grants-in-aid from Central Government, Central-Share from excise-duty and Income-Tax, Forest, Sales Tax and Taxes and duties on electricity. Receipt from States own Non-Tax revenue has shown an increasing trend from 1973-74 to 1978-79. Of course, in 1979-80 and 1980-81 there was a heavy fluctuation and the trend was in the positive side. The decrease in State's own non-tax revenue during 1979-80 is mainly due to fall of receipts from Agriculture, Mines and Minerals, Multipurpose River Projects. The abnormal increase in the year 1980-81 is due to the loans from Central Government. The revenue expenditure for the year 1980-81 was Rs. 540.5 crores as against Rs. 448.9 crores in the previous year recording 20.41 per cent increase. Such increase in expenditure is mainly due to higher expenditure under Agriculture, Transport and Communication, Education, Medical and Public-Health and Water and Power Development. The year 1980-81 ended with a revenue surplus of Rs. 80.8 crores as against a surplus of Rs. 18.7 crores in the previous year. On analysing the capital receipt and capitalexpenditure it is observed that the Capital receipt for the year 1980-81 was Rs. 1053.7 Crores and Capitalexpenditure was Rs. 1126.6 crores during the year 1980-81. Thus the expenditure was more to the tune of Rs. 73 crores resulting in an overall surplus of Rs. 8 crores during the year 1980-81 as against a overall deficit of Rs. 6 crores in the previous year under both Revenue and Capital Account. The Capital receipt under loans from the Central Government and other sources, deposits and advances and the capital disbursement under repayment of Central Government and other loans deposits and advances and capital outlay have remarkable increase during the year 1980-81 over those in the previous year.

*Expenditure under Five year Plan*—The plan expenditure from 1st Five-year Plan to 6th Five-year Plan in the State has remarkably increased. The average annual expenditure during the 1st Five-year Plan which was started from the year 1951-52 was Rs. 3.7 crores and it has increased to Rs. 248.1 crores during the year 1980-81. The expenditure on Irrigation, Flood Control and Power was Rs. 128.72 crores constituting 51.9 per cent of the total expenditure in the State during the year 1980-81.

*Land Revenue and General-Cess*—The land revenue collected during the year 1977-78 was the highest in comparison to that of the following years. The percentage of collection to the demand was 44.87 per cent during this year as against 32.13 per cent in the year 1980-81. The revenue under the "General-Cess" and "Nistar-Cess" collected during the year 1980-81 was the highest in comparison to that of the preceding year. The percentage of collection to demand was 59.63 per cent during the 1980-81.

*Sales-Tax and Agricultural Income-Tax*—The States Sales-Tax collected during the year 1980-81 was the highest. It was Rs. 76.71 crores as against Rs. 68.08 crores in the previous year recording Rs. 8.63 crores increase. The Agricultural Income Tax collected was the highest during the year 1977-78 with Rs. 8.92 lakhs as against Rs. 0.95 lakh in the year 1980-81. From the said year the Agricultural Income-Tax shows a decreasing trend.

*Excise Revenue*—The total revenue from sales of excise commodities was the highest during the year 1976-77 with Rs. 8.37 crores as against Rs. 3.98 crores in the year 1977-78. The revenue from sales of excise commodities shows an increasing trend since 1977-78 with a declining trend in the year 1980-80.

*Entertainment Tax*—It is collected from Cinemahouses and other sources in the State. The total amount of tax collected from such sources was the highest with Rs. 26.14 lakhs during the year 1980 as against Rs. 23.14 lakhs in the previous year.

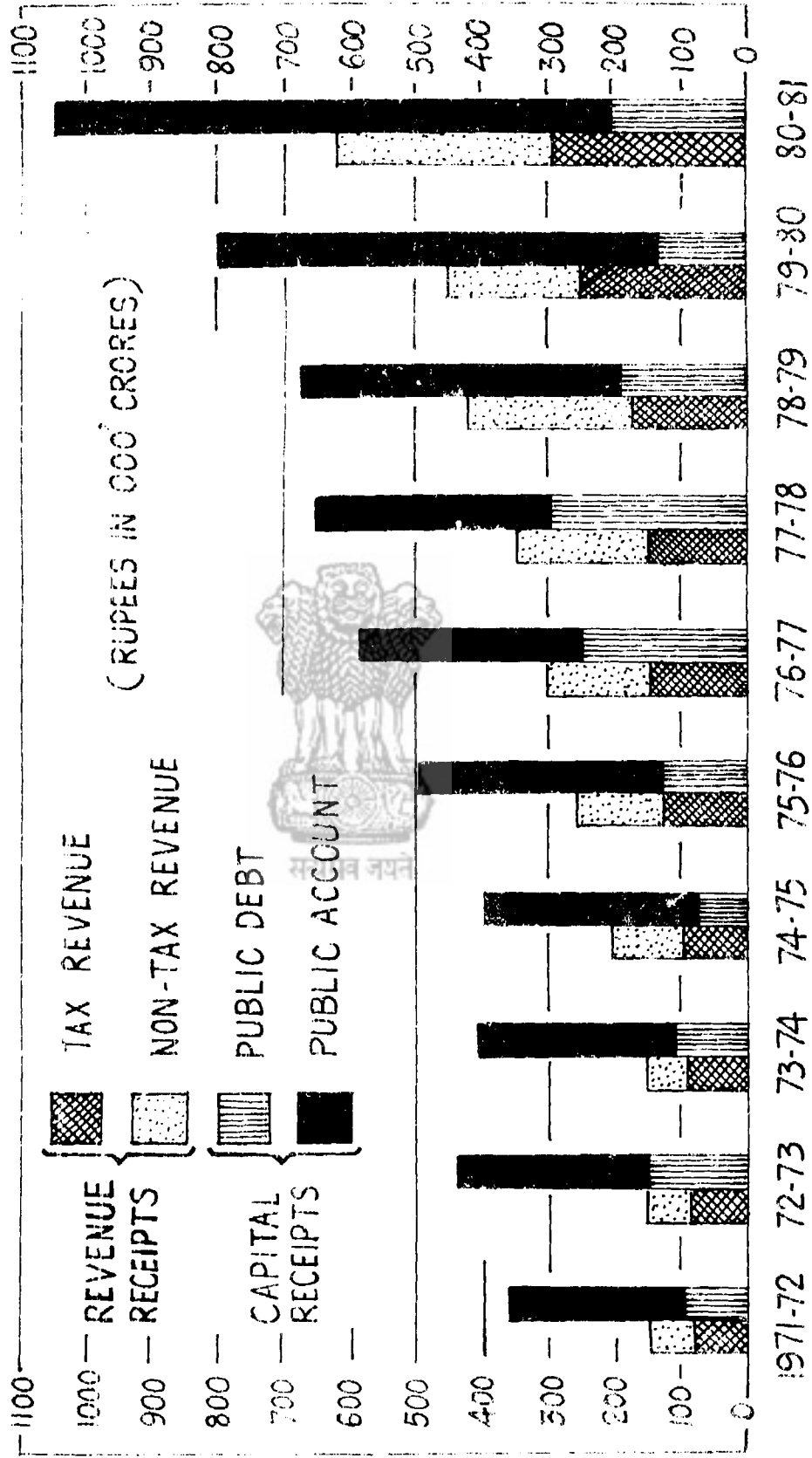
*Small Savings*—The net collection under Small Savings has raised from Rs. 16.27 crores in the year 1979-80 to Rs. 17.85 crores in the year 1980-81 as against target of Rs. 13.20 crores and Rs. 15.45 crores respectively. The achievement in all districts except Puri, Dhenkanal, Koraput is higher than the target fixed during the year 1980-81.

*Income-Tax*—Assessment of assesseees and Income-Tax payable is made for each financial year under Income-Tax Act. Figures of taxes represent the demand raised and not the collection actually made against those demands. The data presented in this chapter have been compiled from the reports published by the Directorate of Inspection, Ministry of Finance, Department of Statistics, Government of India. The Income-Tax demands have been assessed according to the following classes :—(1) Individuals, (2) Hindu undivided families, (3) Unregistered firms and other associations of persons. (4) Registered firms, (5) Companies and other concerns assessable at company rates.

The total tax demands including surcharge payable by the assesseees and the net income left in their hands after payment of tax have been assessed accoring to various ranges of Income-tax, The number of assessment has been made in respect of each source of Income and assesseees having income from more than one source have been counted as assesseees under each of such sources. Similar is the case with deduction and rebate items. So number of assesseees on total income and net income after payment of tax presented separately for the year 1979-80 according to various ranges of total income are not comparable. Assessments in the year 1979-80 was '24' thousands and gross income for the year was Rs. 46.82 crores and tax demanded for the year was Rs. 7.50 crores as against '22' thousands, Rs. 37.03 crores and Rs. 5.18 crores respectively in the year 1977-78.



# REVENUE & CAPITAL RECEIPTS IN THE STATE OF ORISSA



## XXII. STATE FINANCE

Table No. 22.01

Revenue and Expenditure of Orissa in brief

( Rupees in crores )

Year	Revenue Account							
	Receipt			Expenditure			Surplus(+ or Deficit (—)	
	Tax	Non-Tax	Total	Plan	Non-Plan	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1971-72	..	72.3	69.8	142.1	21.8	144.1	165.9	(—)23.8
1972-73	..	82.0	76.3	158.3	28.8	154.2	183.0	(—)24.7
1973-74	..	88.6	74.4	163.0	28.7	172.2	200.9	(—)37.9
1974-75	..	97.7	112.7	210.4	24.9	181.6	206.5	(+)3.9
1975-76	..	129.9	133.0	262.9	33.7	227.9	261.6	(+)1.3
1976-77	..	146.0	159.9	305.9	47.5	240.8	288.3	(+)17.6
1977-78	..	153.1	193.7	346.8	70.5	248.5	319.0	(+)27.8
1978-79	..	174.1	249.0	423.1	98.2	279.8	378.0	(+)45.1
1979-80	..	256.4	211.2	467.6	107.7	341.2	448.9	(+)18.7
1980-81	..	292.6	328.7	621.3	142.0	398.5	540.5	(+)80.8

सत्यमेव जयते

Year	Capital Account			Overall surplus (+) or Deficit (—)	Opening balance	Closing balance	Increasing (+) or Decreasing (—) in cash balance	
	Receipt	Disbursh-ment	Surplus (+) or Deficit (—)					
(1)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
1971-72	..	362.6	352.5	(+)10.1	(—)13.7	(+)7.5	(—)6.2	(—)13.7
1972-73	..	433.1	423.9	(+)9.2	(—)15.5	(—)6.2	(—)21.7	(—)15.5
1973-74	..	405.9	360.6	(+)45.3	(+)7.4	(—)21.7	(—)14.2	(+)7.4
1974-75	..	395.5	390.1	(+)5.4	(+)1.5	(—)14.2	(—)4.9	(—)9.3
1975-76	..	494.0	506.3	(—)12.3	(—)1.10	(—)4.9	(—)16.0	(—)11.0
1976-77	..	588.2	608.2	(—)20.0	(—)2.4	(—)16.0	(—)18.4	(—)2.4
1977-78	..	656.4	670.9	(—)14.5	(+)13.3	(—)18.4	(—)5.0	(+)13.4
1978-79	..	672.2	724.2	(—)52.0	(—)6.9	(—)5.0	(—)11.9	(—)6.9
1979-80	..	803.8	828.2	(—)24.4	(—)5.7	(—)11.9	(—)21.6	(—)9.7
1980-81	..	1,053.7	1,126.6	(—)72.9	(+)7.9	(—)21.6	(—)23.5	(—)2.0



## XXII. STATE FINANCE

Table No. 22-02

Detailed Revenue by sources and expenditure by services under Revenue Account in Orissa  
( Rupees in crores )

Year	Tax Revenue								
	State's Own Tax								
	Taxes on Agril. income	Land Revenue	Stamps and Registration Fees	State Excise duties	Taxes on vehicles	Taxes and duties on electricity	Taxes on goods passengers	Entertainment tax	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1971-72	..	0.1	1.8	3.2	4.6	3.1	2.9	1.0	0.6
1972-73	..	0.1	2.0	3.3	4.9	3.3	3.3	1.0	0.8
1973-74	..	0.1	2.3	3.5	5.1	3.6	3.3	1.2	0.7
1974-75	..	0.1	2.4	4.4	5.5	4.7	3.4	1.5	1.2
1975-76	..	0.1	3.2	5.3	6.1	5.7	6.7	2.0	1.3
1976-77	..	0.1	4.4	5.1	6.7	5.5	8.0	2.2	1.7
1977-78	..	0.1	4.8	5.6	7.0	6.2	8.5	2.5	1.9
1978-79	..	Neg.	5.5	6.6	7.2	7.1	11.9	2.8	2.1
1979-80	..	Neg.	4.7	7.2	7.8	8.3	12.6	2.8	2.8
1980-81	..	Neg.	7.1	7.8	9.2	9.7	16.9	2.3	3.0

Year	Tax Revenue								
	State's own tax <span>मध्यम नयन</span>					Share in Central taxes			
	States Sales tax	Sales tax on Motor spirit	Central Sales tax	Total Sales tax	Total States own tax Revenue	Union Excise Duties	Taxes on Income other than Corporation Tax	Estate Duty	
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1971-72	..	11.0	1.4	5.1	17.5	34.8	20.3	16.9	0.3
1972-73	..	12.4	1.7	7.1	21.2	39.9	24.1	18.0	..
1973-74	..	16.6	..	5.8	22.4	42.2	26.6	19.4	0.4
1974-75	..	19.6	0.8	6.9	27.3	50.5	27.6	19.1	0.5
1975-76	..	29.3	0.8	7.9	38.0	68.4	33.8	27.4	0.3
1976-77	..	30.7	0.9	15.5	47.1	80.8	40.5	24.3	0.4
1977-78	..	27.8	2.4	16.9	47.1	83.7	43.8	25.2	0.4
1978-79	..	39.0	—	16.2	55.2	98.4	48.9	26.4	0.4
1979-80	..	46.4	..	19.5	65.9	112.1	111.9	32.3	0.1
1980-81	..	56.4	..	20.2	76.6	132.6	122.3	37.5	0.2

## XXII. STATE FINANCE

Table No. 22-02—Contd.

Detailed revenue by sources and expenditure by services under Revenue Account in the State of Orissa

(Rupees in crores)

Year	Tax revenue		Non-tax Revenue			
	Total share in central taxes	Total tax revenue	State Non-tax Revenue			
			General services	Social and community services	Economic services	Forest
(1)	(18)	(19)	(20)	(21)	(22)	(23)
1971-72 ..	37.5	72.3	2.5	3.5	7.8	7.9
1972-73 ..	42.1	82.0	3.1	2.2	11.4	8.0
1973-74 ..	46.4	88.6	3.8	4.0	11.6	8.2
1974-75 ..	47.2	97.7	2.7	3.3	11.8	11.0
1975-76 ..	61.5	129.9	3.4	4.6	18.9	12.4
1976-77 ..	65.2	146.0	9.3	6.0	23.0	14.1
1977-78 ..	69.4	153.1	4.9	9.6	20.9	19.1
1978-79 ..	75.7	174.1	5.6	7.0	26.7	26.6
1979-80 ..	144.3	256.4	7.3	7.6	13.4	28.0
1980-81 ..	160.0	292.6	63.6	6.9	16.9	37.3

Year	Non-tax Revenue					
	State Non-tax Revenue		Grants and contributions from Central Government			Total Non-tax Revenue
	Interest, dividends and profits	Total	Statutory	Others	Total	
(1)	(24)	(25)	(26)	(27)	(28)	(29)
1971-72 ..	3.9	25.6	22.3	21.9	44.2	69.8
1972-73 ..	3.3	28.0	20.8	27.5	48.3	76.3
1973-74 ..	2.6	30.2	18.9	25.3	44.2	74.4
1974-75 ..	2.2	31.0	57.0	24.7	81.7	112.7
1975-76 ..	4.2	43.5	60.1	29.4	89.5	133.0
1976-77 ..	5.7	58.1	61.0	40.8	101.8	159.9
1977-78 ..	4.8	59.3	71.5	62.9	134.4	193.7
1978-79 ..	4.6	10.5	78.1	100.4	178.5	249.0
1979-80 ..	5.0	61.3	41.6	108.3	149.9	211.2
1980-81 ..	8.8	133.5	37.7	157.5	195.2	328.7

## XXII. STATE FINANCE

Table No. 22.02—Contd.

Detailed revenue by sources and expenditure by services under Revenue Account in the State of Orissa  
(Rupees in crores)

Year	Expenditure on General Services					
	Orissa State Organs of State total	Fiscal services	Interest payment and servicing of debts	Administrative services	Pensions and Miscellaneous General Services	General Services Total
	(1)	(30)	(31)	(32)	(33)	(34)
1971-72	1.4	5.9	22.8	21.4	1.6	53.1
1972-73	1.4	6.4	23.2	22.6	1.7	55.3
1973-74	2.2	7.8	36.0	27.4	2.0	75.4
1974-75	2.3	8.6	28.2	25.8	3.2	68.0
1975-76	3.0	11.0	35.2	33.9	3.9	87.0
1976-77	4.4	12.7	38.9	33.2	4.0	93.2
1977-78	4.7	13.5	43.2	32.1	4.3	97.8
1978-79	3.5	14.8	45.9	34.7	3.5	102.4
1979-80	6.8	18.6	50.1	41.0	6.1	122.6
1980-81	7.1	19.8	50.4	49.8	8.9	136.0

Year	Expenditure on Social and Community Services					
	Education, Art and Culture	Medical, Public Health, Sanitation, Water-supply and Family Welfare	Social Security and Welfare	Relief on account of natural calamities	Others	Social, Community Services Total
	(1)	(36)	(37)	(38)	(39)	(40)
1971-72	27.9	12.8	5.2	16.3	8.5	70.7
1972-73	31.1	14.8	5.7	14.6	12.5	78.7
1973-74	34.1	16.5	6.5	12.6	14.1	83.8
1974-75	47.1	18.2	11.9	3.8	5.9	86.9
1975-76	59.2	24.6	15.6	3.9	6.5	109.8
1976-77	65.5	28.8	15.7	3.7	8.5	122.2
1977-78	72.3	30.1	18.7	4.1	9.1	134.3
1978-79	81.3	36.9	17.3	4.0	9.0	148.5
1979-80	87.5	45.2	19.9	8.7	12.0	173.3
1980-81	107.1	54.9	26.3	10.6	42.3	241.2

## XXII. STATE FINANCE

Total No. 22·02—*Concl'd.*Detailed revenue by sources and expenditure by services under Revenue Account  
in the State of Orissa

(Rupees in crores)

Year	Expenditure on Economic Services and Miscellaneous						Compensation assignments to local bodies and P. R. institutions
	General Economic Services	Agricultural and Allied Services	Industry and Minerals	Water and Power Development	Transport and Communications	Economic Services Miscellaneous Services Total	
(1)	(42)	(43)	(44)	(45)	(46)	(47)	(48)
1971-72	1·4	20·8	1·1	13·6	3·3	40·2	1·9
1972-73	1·7	26·9	1·2	14·1	3·4	47·3	1·7
1973-74	2·0	26·4	1·5	6·7	3·8	40·4	1·3
1974-75	4·1	29·5	2·0	6·2	7·8	49·6	1·9
1975-76	5·2	38·3	2·8	8·9	7·6	62·8	2·0
1976-77	6·5	41·6	2·9	10·6	8·6	70·2	2·7
1977-78	6·3	55·0	3·1	10·7	8·7	83·8	3·1
1978-79	8·2	78·1	5·2	20·4	11·9	123·8	3·3
1979-80	13·8	92·3	5·1	20·9	17·3	149·4	3·6
1980-81	13·4	97·9	6·2	15·6	26·6	159·7	3·6

## XXII. STATE FINANCE

Table No. 22.03

Detailed receipts by sources, capital outlay and disbursement on Capital Account of Orissa  
(Rupees in crores)

Year	Capital Receipts				
	Public Debt			Loans and Advances	Consolidated Fund*
	Internal debt of the State Government	Loans and Advances from the Central Government	Total		
(1)	(2)	(3)	(4)	(5)	(6)
1971-72	25.0	63.3	88.3	4.2	234.6
1972-73	60.8	92.6	153.4	5.6	317.3
1973-74	27.7	83.5	111.2	8.2	282.4
1974-75	33.2	37.5	70.7	8.1	289.2
1975-76	81.0	51.8	132.8	15.4	411.1
1976-77	191.0	54.8	245.8	11.9	563.6
1977-78	227.6	71.8	299.4	11.8	658.0
1978-79	81.9	100.9	182.8	13.2	619.1
1979-80	16.5	118.4	134.9	9.9	612.4
1980-81	65.4	138.1	203.5	15.3	840.2

Year	Capital Receipts					
	Contingency Fund	Public Account			Total of the Public Account	Total of the Capital Receipts
		State Provident Fund	Reserve Fund	Diposits and Advances, Suspenses and Miscellaneous Remittances		
(1)	(7)	(8)	(9)	(10)	(11)	(12)
1971-72	0.1	6.4	10.7	252.9	270.0	362.6
1972-73	..	7.5	13.9	252.7	274.1	433.1
1973-74	0.2	10.5	10.0	265.8	286.3	405.9
1974-75	0.4	12.0	7.6	296.7	316.3	395.5
1975-76	1.1	18.3	6.2	320.2	344.7	494.0
1976-77	0.7	18.5	7.6	303.7	329.8	588.2
1977-78	4.2	22.0	9.2	309.8	341.0	656.4
1978-79	4.1	26.0	9.7	436.4	472.1	672.2
1979-80	7.7	28.2	13.4	609.7	651.3	803.8
1980-81	13.2	33.5	17.8	770.4	821.7	1,053.7

\* The Column (6) has not been included in the totals under Column (12).

## XXII. STATE FINANCE

Table No. 22-03

Detailed receipts by sources, capital outlay and disbursement on capital account of Orissa

(Rupees in Crores)

Year	Capital expenditure outside the Revenue Account				Capital Disbursements		
	General services	Social & community development	Economic services	Total expenditure	Public debt	Other loans & advances	Contingency Fund
(1)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1971-72	5.0	0.1	24.8	29.9	42.7	17.8	..
1972-73	5.9	0.4	25.7	37.0	100.8	11.6	0.3
1973-74	6.9	0.9	30.4	38.2	54.2	8.2	0.4
1974-75	1.6	2.7	40.7	45.0	29.2	9.7	1.0
1975-76	1.5	4.7	50.7	56.9	102.0	16.1	0.8
1976-77	2.1	5.5	47.9	55.5	198.2	39.5	0.2
1977-78	1.4	6.5	70.5	78.4	245.9	31.8	8.0
1978-79	2.8	7.7	96.4	106.9	103.3	34.7	3.1
1979-80	2.7	9.3	117.7	129.7	27.4	14.4	3.1
1980-81	2.9	11.4	173.5	187.8	118.4	42.6	0.8

## Capital disbursements

Year	State provident fund	Reserve fund	Deposits & advances suspense, miscellaneous and remittance	Total	Total expenditure and disbursement
(1)	(20)	(21)	(22)	(23)	(24)
1971-72	3.0	9.1	250.0	322.6	352.5
1972-73	3.7	12.0	263.5	391.9	423.9
1973-74	4.6	2.1	252.9	322.4	360.6
1974-75	6.5	14.1	284.5	345.0	390.1
1975-76	7.4	9.8	313.3	424.0	506.3
1976-77	8.8	13.1	292.9	552.7	608.2
1977-78	10.1	12.5	284.2	592.5	670.9
1978-79	12.6	12.3	450.7	617.3	724.2
1979-80	15.7	23.7	614.1	698.4	828.2
1980-81	19.7	19.9	737.4	938.8	1,126.6

## XXII. STATE FINANCE

Table No. 22.04

Land Revenue collected in the State of Orissa

(Amount in 000' Rs.)

Year/District	Demand	Amount collected			Outstanding	Percentages of collection to demand
		Arrear	Current	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1976-77						
1977-78	22,126	9,513	415	9,928	12,198	4,487
1978-79	.. 13,849	4,319	1,000	5,319	8,530	3,841
1979-80	.. 11,113	2,377	769	3,146	7,967	2,831
1980-81	.. 10,713	2,401	1,041	3,442	7,271	3,213
1979-80						
1. Balasore	.. 1,276	249	22	271	1,005	2,124
2. Balangir	.. 729	54	20	74	655	1,015
3. Cuttack	.. 3,962	920	92	1,012	2,950	2,555
4. Dhenkanal	.. 237	35	40	75	162	3,165
5. Ganjam	.. 1,367	354	164	518	849	3,790
6. Kalahandi	.. 128	33	20	53	75	4,141
7. Keonjhar	.. 140	22	10	32	108	2,286
8. Koraput	.. 301	77	22	99	202	3,289
9. Mayurbhanj	.. 112	27	5	32	80	2,858
10. Phulbani	.. 52	15	2	17	35	3,270
11. Puri	.. 1,045	356	119	475	570	4,546
12. Sambalpur	.. 669	159	42	201	468	3,005
13. Sundargarh	.. 1,095	76	211	287	808	2,621
1980-81						
1. Balasore	.. 1,050	313	30	343	707	3,267
2. Balangir	.. 885	194	104	298	587	3,368
3. Cuttack	.. 4,137	859	120	979	3,158	2,367
4. Dhenkanal	.. 216	32	51	83	133	3,843
5. Ganjam	.. 1,124	251	239	490	634	4,360
6. Kalahandi	.. 109	41	24	65	44	5,964
7. Keonjhar	.. 130	44	16	60	70	4,616
8. Koraput	.. 242	46	25	71	171	2,934
9. Mayurbhanj	.. 91	25	6	31	60	3,407
10. Phulbani	.. 42	14	4	18	24	4,286
11. Puri	.. 740	297	116	413	327	5,581
12. Sambalpur	.. 537	168	40	208	329	3,874
13. Sundargarh	.. 1,410	117	266	383	1,027	2,717

SOURCE—District Statistical Offices

## XXII. STATE FINANCE

Table No. 22.05

General cess and Nistar cess collected in the State of Orissa

( Amount in 000 ' Rs. )

Year/District	Demand	Amount collected			Outstanding	Per cent- ages of collection to demands	
		Arrear	Current	Total			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
1976-77							
1977-78	..	33,285	5,154	14,077	19,231	14,054	57.78
1978-79	..	34,531	7,513	14,045	21,558	12,973	62.43
1979-80	..	35,435	4,681	12,804	17,485	17,950	49.34
1980-81	..	39,756	8,214	16,391	23,705	16,051	66.94
1979-80							
1. Baisore	..	4,251	589	1,302	1,891	2,360	44.49
2. Balangir	..	2,949	145	251	396	2,553	13.43
3. Cuttack	..	8,937	1,620	2,174	3,794	5,143	42.40
4. Dhenkanal	..	1,132	68	830	898	234	79.33
5. Ganjam	..	2,983	641	1,378	2,019	964	67.69
6. Kalahandi	..	845	80	507	587	258	69.64
7. Keonjhar	..	1,146	64	608	672	474	58.64
8. Koraput	..	1,782	170	1,271	1,441	342	80.81
9. Mayurbhanj	..	1,489	126	961	1,087	402	73.01
10. Phulbani	..	412	56	203	259	153	62.87
11. Puri	..	3,317	580	1,323	1,903	1,414	57.38
12. Sambalpur	..	4,464	445	931	1,376	3,088	30.83
13. Sundargarh	..	1,728	97	1,065	1,162	566	67.25
1980-81							
1. Balasore	..	4,515	1,093	1,405	2,498	2,017	55.33
2. Balangir	..	4,517	1,510	1,366	2,876	1,641	63.67
3. Cuttack	..	9,269	1,939	2,398	3,437	5,832	37.08
4. Dhenkanal	..	1,219	140	896	1,036	183	84.99
5. Ganjam	..	2,891	580	1,589	2,169	722	75.03
6. Kalahandi	..	898	172	585	757	141	84.30
7. Keonjhar	..	1,305	233	732	965	340	73.95
8. Koraput	..	1,764	160	1,298	1,458	306	82.66
9. Mayurbhanj	..	1,627	261	1,069	1,330	297	81.75
10. Phulbani	..	437	75	223	298	139	68.20
11. Puri	..	3,266	642	1,357	1,999	1,267	61.21
12. Sambalpur	..	6,035	1,113	2,232	3,345	2,690	55.43
13. Sundargarh	..	2,013	296	1,241	1,537	476	76.35

SOURCE—District Statistical Offices



## XXII. STATE FINANCE

Table No. 22'06

Sales Tax and Agricultural Income-tax collected in the State of Orissa

(Amount in 000' Rs.)

Year/District	Orissa Sales Tax		Central Sales Tax		Total amount of sales tax collection in 000' Rs.	Agricultural Income-Tax	
	Number of registered dealers	Amount of tax collected in 000' Rs.	Number of registered dealers	Amount of collection 000' Rs.		Number of assesees	Amount of Tax collected in 000' Rs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1976-77 ..	23,868	2,89,487	5,191	1,54,221	4,43,708	53,423	796
1977-78 ..	22,712	3,10,819	5,553	1,56,598	4,67,417	53,882	892
1978-79 ..	23,033	3,76,225	5,729	1,63,731	5,39,956	57,119	558
1979-80 ..	2,32,031	4,84,295	5,501	1,96,472	6,80,764	50,118	245
1980-81 ..	23,784	5,56,075	5,933	2,11,036	7,67,111	7,347	95
1979-80							
1. Balasore ..	1,196	14,114	114	1,577	15,691	1,577	10
2. Balangir ..	1,113	11,288	211	802	12,090	14,385	1
3. Cuttack ..	5,835	1,80,335	717	15,865	1,96,200	..	..
4. Dhenkanal ..	1,080	12,200	109	2,534	14,734	1,023	9
5. Ganjam ..	3,129	28,044	1,222	2,015	30,059	1,587	55
6. Kalahandi ..	794	6,225	567	824	7,049	7,215	6
7. Keonjhar ..	454	11,410	197	2,604	14,014	1,267	..
8. Koraput ..	1,086	22,913	611	14,170	37,083	5,012	83
9. Mayurbhanj ..	808	9,081	231	3,338	12,419	100	7
10. Phulbani ..	481	3,077	21	10	3,087	706	3
11. Puri ..	2,723	77,813	234	11,403	89,216	634	26
12. Sambalpur ..	2,737	54,483	928	30,808	85,291	14,866	36
13. Sundargarh ..	1,767	53,309	339	1,10,522	1,63,831	..	..
1980-81							
1. Balasore ..	1,206	14,619	114	1,793	16,412	720	3
2. Balangir ..	1,156	12,259	529	747	13,006	..	..
3. Cuttack ..	5,553	2,05,148	480	17,918	2,23,066	..	..
4. Dhenkanal ..	964	14,311	111	2,991	17,302	..	..
5. Ganjam ..	3,113	30,753	1,243	2,033	32,786	890	3
6. Kalahandi ..	808	5,714	544	688	6,402	..	..
7. Keonjhar ..	485	8,148	273	1,905	10,053	1,267	..
8. Koraput ..	1,128	18,766	657	13,661	32,427	3,760	1
9. Mayurbhanj ..	752	8,759	224	3,962	12,721	..	..
10. Phulbani ..	1,080	4,127	25	17	4,144	706	1
11. Puri ..	2,854	1,16,422	512	27,705	1,44,127	..	..
12. Sambalpur ..	2,817	62,234	894	32,353	94,587	..	87
13. Sundargarh ..	1,868	54,815	327	1,05,263	1,60,078	4	..

SOURCE—District Statistical Officers

## XXII. STATE FINANCE

Table No. 22-07

Sale of excise commodities and revenue collected in the State of Orissa

Year/District	Opium		Ganja		Bhanga	
	Quantity sold (Kgs. )	Revenue collected (000'Rs.)	Quantity sold (Kgs. )	Revenue collected (000' Rs.)	Quantity sold ( Kgs. )	Revenue collected (000' Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1976-77	626	621	19,827	8,415	324	131
1977-78	650	656	24,033	10,175	301	136
1978-79	609	629	21,154	10,512	294	141
1979-80	608	613	20,416	11,412	339	1,465
1980-81	596	602	24,029	13,551	257	150
1979-80						
Balasore	50	50	1,301	846	6	7
Balangir	31	32	993	478	21	15
Cuttack	78	78	3,317	2,454	85	45
Dhankanal	33	33	1,296	909	16	1,304
Ganjam	173	172	1,654	925	32	12
Kalahandi	16	16	702	216	17	4
Keonjhar	23	25	712	370	18	11
Koraput	41	42	720	238	15	3
Mayurbhanj	26	25	705	412	10	7
Phulbani	33	38	478	252	1	1
Puri	60	61	4,098	2,264	55	27
Sambalpur	28	25	3,258	1,514	35	24
Sundargarh	16	16	1,182	534	28	5
1980-81						
Balasore	50	56	1,505	1,000	4	7
Balangir	30	30	963	497	7	5
Cuttack	75	75	4,446	3,237	66	42
Dhenkanal	33	33	1,467	777	10	9
Ganjam	172	170	1,926	1,113	23	9
Kalahandi	13	14	706	219	14	3
Keonjhar	22	24	842	468	14	18
Koraput	38	39	813	313	16	6
Mayurbhanj	24	24	842	417	8	7
Phulbani	36	36	536	322	5	3
Puri	62	59	4,788	2,793	33	24
Sambalpur	25	26	3,828	1,719	28	11
Sundargarh	16	16	1,367	676	30	6

## XXII. STATE FINANCE

Table No. 22-07.

Sale of excise commodities and revenue collected there from in the State of Orissa

Year/ District	Outstill liquor		Foreign liquor		Total revenue collected in 000' Rs.
	Quantity sold in litres	Revenue collected in 000' Rs.	Quantity sold in litres	Revenue collected in 000' Rs.	
(1)	(8)	(9)	(10)	(11)	(12)
1976-77	..	74,565	..	..	83,732
1977-78	985	24,391	..	4,411	39,769
1978-79	4,34,581	22,293	72,288	8,010	41,585
1979-80	..	21,769	..	8,445	43,704
1980-81	324	22,228	..	5,806	42,337
1979-80					
Balasore	..	91	..	..	994
Balangir	..	5,828	..	..	6,353
Cuttack	..	2,365	..	3,124	8,066
Dhenkanal	..	122	..	273	2,641
Ganjam	..	1,204	..	1,545	3,858
Kalahandi	..	2,277	..	138	2,651
Keonjhar	..	..	..	..	406
Koraput	..	436	..	..	719
Mayurbhanj	..	..	..	..	444
Phulbani	..	578	..	66	935
Puri	..	..	..	3,259	5,651
Sambalpur	..	8,819	..	..	10,382
Sundargarh	..	49	..	..	604
1980-81					
Balasore	..	25	..	..	1,088
Balangir	..	3,168	..	..	3,700
Cuttack	..	7,601	..	..	10,955
Dhenkanal	..	143	..	290	1,252
Ganjam	..	..	..	1,429	2,721
Kalahandi	..	2,187	..	92	2,515
Keonjhar	..	..	..	..	510
Koraput	..	..	..	..	358
Mayurbhanj	..	..	..	..	448
Phulbani	324	634	..	53	1,048
Puri	..	..	..	3,942	6,818
Sambalpur	..	8,447	..	..	10,203
Sundargarh	..	23	..	..	721

SOURCE—District Statistical Offices.

## XXII. STATE FINANCE

Table No. 22-08

Entertainment taxes collected from cinema houses and other sources in the State of Orissa

(Amount in thousands of Rs)

Year/District	Number of assessees	Amount of tax collected from		
		Cinema Houses	Other sources	Total
(1)	(2)	(3)	(4)	(5)
1976-77	111	17,878	10	17,888
1977-78	119	20,491	51	20,542
*1978-79	110	17,904	3	17,907
*1979-80	111	23,132	4	23,136
*1980-81	112	26,094	47	26,141
1979-80				
Balasore	11	2,656	1	2,657
Balangir	5	737	..	737
Cuttack	..	..	..	..
Dhenkanal	8	846	..	846
Ganjam	21	320	..	3,208
Kalahandi	3	356	..	356
Keonjhar	4	241	..	241
Koraput	11	217	..	2,170
Mayurbhanj	6	771	2	773
Phulbani	1	5	..	5
Puri	19	5,200	..	5,200
Sambalpur	14	3,409	1	3,410
Sundargarh	8	3,532	..	3,532
1980-81				
Balasore	10	2,697	13	2,710
Balangir	5	816	..	816
Cuttack	..	..	..	..
Dhenkanal	8	77	..	77
Ganjam	21	5,404	..	5,404
Kalahandi	3	438	..	438
Keonjhar	3	287	..	287
Koraput	11	2,304	..	2,304
Mayurbhanj	8	1,032	27	1,059
Phulbani	2	30	8	38
Puri	22	4,949	..	4,949
Sambalpur	14	3,767	..	3,767
Sundargarh	8	4,393	..	4,393

SOURCE—District Statistical Offices

\* The State total figures for the years 1979, 1980, 1981 do not include Cuttack district

## XXII. STATE FINANCE

Table No. 22-09

Target and achievements of Small Savings (Net collection) in different districts of Orissa

(In thousands of rupees)

Year	Balasore		Balangir		Cuttack	
	Target	Achievement	Target	Achievement	Target	Achievement
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1971-72	20.00	33.22	15.00	3.28	78.00	64.60
1972-73	35.00	19.80	20.00	(—)7.71	90.00	75.02
1973-74	20.00	74.83	15.00	4.55	90.00	128.83
1974-75	80.00	11.83	15.00	10.28	135.00	59.85
1975-76	60.00	44.40	25.00	14.81	150.00	37.15
1976-77	60.00	67.04	50.00	29.55	150.00	177.93
1977-78	60.00	85.19	50.00	32.72	200.00	189.38
1978-79	70.00	139.50	50.00	48.73	200.00	279.58
1979-80	100.00	143.37	50.00	48.60	2.30	339.23
1980-81	125.00	152.66	55.00	79.58	3.00	353.46

Year	Dhenkanal		Ganjam		Kalahandi	
	Target	Achievement	Target	Achievement	Target	Achievement
(1)	(8)	(9)	(10)	(11)	(12)	(13)
1971-72	15.00	9.28	30.00	20.15	20.00	19.94
1972-73	15.00	16.93	45.00	30.09	20.00	4.16
1973-74	15.00	20.00	40.00	41.10	15.00	1.44
1974-75	25.00	19.28	60.00	43.85	15.00	(—)3.81
1975-76	45.00	94.93	100.00	50.12	20.00	16.10
1976-77	60.00	(—)2.52	100.00	23.89	20.00	24.16
1977-78	60.00	60.63	100.00	55.83	20.00	24.19
1978-79	70.00	78.94	100.00	124.63	25.00	32.49
1979-80	80.00	114.62	110.00	225.39	50.00	57.08
1980-81	100.00	73.98	170.00	212.52	55.00	63.19

## XXII. STATE FINANCE

Table No. 22-09—concl'd.

Target and Achievements of Small Savings (Net collection) in different districts of Orissa

(In thousand of rupees)

Year	Keonjhar		Koraput		Mayurbhanj		Phulbani	
	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
(1)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
1971-72	15,00	19.12	40.00	42.79	15,00	21.81	10,00	11.89
1972-73	20,00	12,00	45,00	56.46	25,00	12,12	10,00	2.45
1973-74	20,00	27.02	40,00	44.77	20,00	40.10	5,00	5.16
1974-75	35,00	19.91	60,00	40.50	45,00	18.15	7,50	14.09
1975-76	45,00	29.90	1,00,00	63.29	30,00	60.05	10,00	8.83
1976-77	50,00	37.82	1,00,00	63.45	40,00	40.13	15,00	31.45
1977-78	50,00	59.54	1,00,00	55.02	40,00	50.49	15,00	38.59
1978-79	50,00	66.76	1,00,00	1,37.11	50,00	54.30	25,00	51.90
1979-80	60,00	71.75	1,40,00	1,14.62	60,00	64.12	30,00	64.78
1980-81	70,00	71.93	1,40,00	96.72	65,00	70.42	50,00	62.56

Year	Puri		Sambalpur		Sundargarh		State	
	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
(1)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1971-72	50.00	49.79	50,00	27.93	1,95,00	1,97.71	5,53,00	5,21,51
1972-73	55.00	53.95	50,00	33.31	2,20,00	1,93.82	6,50,00	50,24,0
1973-74	55.00	86.31	45,00	32.22	2,20,00	2,88.66	6,00,00	7,94.99
1974-75	1,20.50	82.80	70,00	43.04	3,25,00	40.21	1,00,000	7,59.98
1975-76	1,30,00	58.99	1,00,00	69.15	4,50,00	3,08.88	12,65,00	8,56.96
1976-77	1,30,00	1,31.67	1,00,00	1,28.17	4,25,00	17.54	12,65,00	8,56.96
1977-78	1,30,00	1,50.67	1,00,00	2,04.92	4,25,00	(—)54.69	13,50,00	9,52.48
1978-79	1,50,00	1,68.35	1,00,00	27.26	1,50,00	(—)3,25.99	11,40,00	8,82.56
1979-80	1,60,00	2,09.09	1,20,00	1,24.83	1,30,00	49.05	13,20,00	16,26.54
1980-81	1,90,00	1,76.01	1,25,00	1,98.62	1,00,00	1,75.71	15,45,00	17,85.46

SOURCE—District Collectors

## XXII. STATE FINANCE

Table No. 22-10

Planwise outlay and expenditure under different heads in Orissa

(Rs. in crores)

Plan period	Agriculture and allied		Co-operation		Irrigation and Power		Industries and Mining	
	Outlay	Expenditure	Outlay	Expenditure	Outlay	Expenditure	Outlay	Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. First plan .. (1951-52 to 1955-56).	6.0	5.1	0.5	0.2	5.0	4.8	1.7	1.1
2. Second plan .. (1956-57 to 1960-61).	7.8	17.9	7.8	1.0	51.8	39.7	7.5	3.9
3. Third plan .. (1961-62 to 1965-66).	22.3	40.0	20.4	2.4	82.5	80.9	20.7	20.3
4. Total annual plans (1966-67 to 1968-69).	23.1	21.6	7.7	1.7	48.7	54.6	15.1	11.9
5. Fourth plan .. (1969-70 to 1973-74).	42.3	46.5	8.2	6.8	95.6	114.0	18.2	21.0
6. Fifth plan .. (1974-75 to 1977-78).	84.3	67.5	14.9	9.9	334.0	259.9	22.2	13.2
7. Total annual plan (1978-79 to 1979-80).	78.3	82.3	10.3	10.3	213.0	200.8	12.2	13.0
8. Sixth plan ... (1980-81 to 1984-85).	320.4	52.7	30.0	6.5	785.0	128.7	65.0	12.6

Plan period	Transport and communication		Social services		Miscellaneous		Total	
	Outlay	Expenditure	Outlay	Expenditure	Outlay	Expenditure	Outlay	Expenditure
I	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. First plan .. (1951-52 to 1955-56).	2.9	2.7	4.9	4.5	..	..	21.0	18.4
2. Second plan .. (1956-57 to 1960-61).	6.9	6.0	16.6	14.9	3.0	3.2	101.4	86.6
3. Third plan .. (1961-62 to 1965-66).	38.6	38.4	38.6	38.3	4.2	4.3	227.3	224.6
4. Total annual plans (1966-67 to 1968-69).	16.4	17.4	18.7	16.9	2.4	0.8	132.1	124.9
5. Fourth plan .. (1969-70 to 1973-74).	15.2	16.6	43.8	40.3	1.4	4.0	224.7	249.3
6. Fifth plan .. (1974-75 to 1977-78).	36.6	28.6	91.0	71.1	4.4	3.4	587.4	453.6
7. Total annual plan (1978-79 to 1979-80).	21.3	23.7	52.5	51.3	3.4	3.9	391.0	385.3
8. Sixth plan ... (1980-81 to 1984-85).	103.3	14.8	180.0	30.9	11.3	1.9	1,500.0	248.1

N. B.—Expenditure figures for sixth plan are only for the year 1980-81

SOURCE—P. &amp; C. Department, Bhubaneswar

## XXII. STATE FINANCE

Table No. 22.11

Number of Assessments, Income assessed, Tax demand and net income assessed  
by status in the State of Orissa

(Amount in '000 Rupees.)

Year and Range of Total Income	(i) Individuals					
	Assessments (number)	Total Income Assessed	Total tax (I. T. & S. C.)	Net Income Assessed	Assessments as per Net income (No.)	
(1)	(2)	(3)	(4)	(5)	(6)	
1974-75	..	1,73,45	15,99,87	1,51,19	14,48,68	1,73,45
1975-76	..	96,40	10,41,95	1,21,68	9,20,27	96,40
1976-77	..	2,51,17	32,10,71	3,46,30	28,64,41	2,51,17
1977-78	..	1,94,38	25,18,43	2,45,19	22,73,24	1,94,38
1978-79	..	1,96,97	30,00,66	3,48,77	26,51,89	1,96,97
1979-80	..	2,16,97	31,74,02	3,13,26	28,60,76	2,16,97
1979-80—						
Below Rs. 5,000	..	..	..	..	..	..
5,001—7,500	..	22	1,54	..	1,54	22
7,501—10,000	..	8,98	82,42	2,44	88,24	9,84
10,001—15,000	..	1,51,15	18,46,90	1,20,46	18,33,23	1,58,29
15,001—20,000	..	37,05	6,30,43	62,04	5,09,84	32,05
20,001—25,000	..	8,99	2,02,10	23,13	2,36,85	11,04
25,001—30,000	..	4,76	1,28,72	20,79	82,64	3,04
30,001—40,000	..	3,41	1,16,16	23,88	63,98	1,87
40,001—50,000	..	1,20	54,45	14,68	14,95	34
50,001—60,000	..	62	33,12	10,20	8,11	15
60,001—70,000	..	24	15,76	5,52	3,25	5
70,001—1,00,000	..	22	18,71	7,67	2,70	3
1,00,001—2,00,000	..	6	7,73	3,29	2,34	2
2,00,001—3,00,000	..	3	6,36	2,66	2,06	1
3,00,001—4,00,000	..	1	3,01	2,08	..	..
4,00,001—5,00,000	..	1	4,02	2,86	..	..
Over—5,00,000	..	2	22,59	11,56	11,03	2



## XXII. STATE FINANCE

Table No. 22-11—Contd.

Number of Assessments, Income assessed Tax demand and net income assessed by status  
in the State of Orissa

( Amount in '000 Rupees )

(ii) Hindu undivided families						
Year and Range of Total Income	Assessments (Number)	Total Income Assessed	Total Tax (I. T. & S. C.)	Net Income Assessed	Assessments per net income (No.)	
(1)	(7)	(8)	(9)	(10)	(11)	
1974-75 ..	5,74	73,64	10,30	63,34	5,74	
1975-76 ..	3,22	50,81	8,96	41,85	3,22	
1976-77 ..	15,20	2,48,03	45.39	2,02,64	15,20	
1977-78 ..	10,38	1,78,38	27,01	1,51,37	10,38	
1978-79 ..	7,86	1,46,41	23,52	1,22,89	7,86	
1979-80 ...	6,59	1,23,09	19,00	1,04,09	6,59	
1979-80—						
Below Rs. 5,000 ..	..	..	..	..	..	
5,001—7,500 ...	1	6	..	21	3	
7,501—10,000 ...	25	2,11	3	2,92	33	
10,001—15,000 ..	3,40	41,36	2,47	45,92	3,86	
15,001—20,000 ..	1,22	20,88	2,24	17,12	1,01	
20,001—25,000 ..	61	13,88	1,97	14,51	66	
25,001—30,000 ..	31	8,44	1,47	9,70	35	
30,001—40,000 ...	41	14,30	3,32	10,29	28	
40,001—50,000 ..	11	4,93	1,35	2,14	5	
50,001—60,000 ..	11	6,34	1,88	51	1	
60,001—70,000 ...	13	8,03	3,21	...	..	
70,001—1,00,000 ...	2	1,66	38	77	1	
1,00,001—2,00,000 ..	1	1,10	68	..	...	
2,00,001—3,00,000 ..	..	..	..	..	...	
3,00,001—4,00,000 ..	..	..	..	..	..	
4,00,001—5,00,000 ..	..	..	..	..	..	
Over—5,00,000 ...	..	..	..	..	..	

## XXII. STATE FINANCE

Table No. 22-11—Contd.

Number of Assessments, Income assessed, Tax demand and net income assessed by status in the State of Orissa

( Amount in ' 000 Rupees )

(iii) Unregistered Firms and other Associations of persons					
Year and Range of Total Income	Assessments (Number)	Total Income Assessed	Total Tax (I. T. & S. C.)	Net Income Assessed	Assessment net income (No.)
(1)	(12)	(13)	(14)	(15)	(16)
1974-75 ..	1,90	43,60	17,49	26,11	1,90
1975-76 ..	1,70	12,40	2,30	10,10	70
1976-77 ..	1,99	56,09	19,87	36,22	1,99
1977-78 ..	1,56	32,01	6,53	25,48	1,56
1978-79 ..	1,22	41,72	14,21	27,51	1,22
1979-80 ..	1,07	39,14	11,83	27,11	1,07
1979-80—					
Below Rs 5,000 ..	..	..	..	..	..
5,001—7,500 ..	3	21	1	20	3
7,501—10,000 ..	6	57	1	56	6
10,001—15,000 ..	35	4,23	21	4,34	39
15,001—20,000 ..	13	2,30	22	2,30	13
20,001—25,000 ..	5	1,12	13	2,03	9
25,001—30,000 ..	4	1,07	17	3,00	11
30,001—40,000 ..	15	5,12	1,23	3,38	10
40,001—50,000 ..	8	3,67	87	3,95	9
50,001—60,000 ..	4	2,19	67	54	1
60,001—70,000 ..	..	..	..	61	1
70,001—1,00,000 ..	8	6,22	2,68	1,84	2
1,00,001—2,00,000 ..	3	5,08	2,14	4,36	3
2,00,001—3,00,000 ..	3	7,36	3,49	..	..
3,00,001—4,00,000 ..	..	..	..	..	..
4,00,001—5,00,000 ..	..	..	..	..	..
Over—5,00,000 ..	..	..	..	..	..

## XXII. STATE FINANCE

Table No. 22-11—Contd.

Number of Assessments, Income assessed, Tax demand and net income assessed by status in the  
State of Orissa

(Amount in '000 Rupees)

(iv) Registered Firms						
Year and Range of Total Income	Assessments (Number)	Total Income Assessed	Total tax (I. T. & S. C.)	Net Income Assessed	Assessments per Net Income (No.)	
(1)	(17)	(18)	(19)	(20)	(21)	
1974-75	..	10,70	4,05,59	34,49	3,71,10	10,70
1975-76	..	7,27	2,97,02	26,21	2,70,81	7,27
1976-77	..	21,63	9,84,72	98,29	8,86,43	21,63
1977-78	..	15,02	6,60,86	59,75	6,01,11	15,02
1978-79	..	21,08	8,58,88	79,06	7,79,82	21,08
1979-80	..	17,53	7,63,71	68,22	6,95,49	17,53
1979-80—						
Below Rs. 5,000	..	..	..	..	..	..
5,001—7,500	..	..	..	..	..	..
7,501—10,000	..	..	..	20	2	
10,001—15,000	..	2,36	29,21	38	30,57	247
15,001—20,000	..	2,07	36,35	99	37,94	217
20,001—25,000	..	1,83	41,26	1,39	47,46	210
25,001—30,000	..	2,19	60,11	2,57	61,47	224
30,001—40,000	..	2,68	91,46	4,38	94,38	273
40,001—50,000	..	1,76	78,12	4,33	75,55	168
50,001—60,000	..	1,27	69,17	4,59	73,04	134
60,001—70,000	..	93	59,61	4,87	48,45	75
70,001—1, 00,000	..	1,26	1,04,56	10,87	1,00,39	121
1,00,001—2,00,000	..	99	1,32,80	20,36	95,36	72
2,00,001—3,00,000	..	12	29,42	6,12	11,92	5
3,00,001—4,00,000	..	2	7,07	1,56	14,36	4
4,00,001—5,00,000	..	2	8,60	1,95	4,40	1
Over—5,00,000	..	3	15,97	3,86	..	..

## XXII. STATE FINANCE

Table No. 22-11—Contd.

Number of Assessments, Income assessed, Tax demand and net income assessed by Status in the State of Orissa

(Amount in ' 000 Rupees)

## (v) Companies and other concerns assessable at company rates

Year and Range of Total Income	Assessments (Number)	Total Income Assessed	Total tax (I. T. & S. C.)	Net Income Assessed	Assessments per Net Income (No.)
(1)	(22)	(23)	(24)	(25)	(26)
1974-75 ..	12	2,33,03	1,34,54	98,49	12
1975-76 ..	19	1,97,40	1,06,65	90,75	19
1976-77 ..	84	4,83,70	2,83,42	2,00,28	84
1977-78 ..	18	3,13,49	1,79,08	1,34,41	18
1978-79 ..	23	5,63,94	3,30,84	2,33,10	23
1979-80 ..	21	5,82,15	3,37,87	2,44,28	21
1979-80—					
Below Rs. 5,000 ..	1	1	1	12	4
5,001—7,500 ..	1	6	4	5	1
7,501—10,000 ..	1	9	5	29	3
10,001—15,000 ..	2	22	12	45	4
15,001—20,000 ..	..	..	..	..	..
20,001—25,000 ..	..	..	..	..	..
25,001—30,000 ..	1	29	20	29	1
30,001—40,000 ..	6	1,95	1,29	36	1
40,001—50,000 ..	..	..	..	..	..
50,001—60,000 ..	..	..	..	..	..
60,001—70,000 ..	1	69	40	..	..
70,001—1,00,000 ..	1	85	49	97	1
1,00,001—2,00,000 ..	..	..	..	..	..
2,00,001—3,00,000 ..	1	2,63	1,66	..	..
3,00,001—4,00,000 ..	..	..	..	..	..
4,00,001—5,00,000 ..	..	..	..	..	..
Over—5,00,000 ..	6	5,75,36	3,33,61	2,41,75	6

## XXII. STATE FINANCE

Table No. 22-11—Concl'd.

Number of Assessments, Income Assessed, Tax demand and net income assessed  
by Status in the State of Orissa

(Amount in ' 000 Rupees)

(vi) All Classes of Assessee					
Year and Range of total Income	Assessments (Number)	Total Income Assessed	Total Tax (I. T. & C. S.)	Net Income Assessed	Assessments per net Income (No.)
(1)	(27)	(28)	(29)	(30)	(31)
1974-75	1,91,91	23,55,73	3,48,01	20,07,72	1,91,91
1975-76	1,07,78	15,99,58	2,65,80	13,33,78	1,07,78
1976-77	2,90,83	49,83,25	7,93,27	41,89,98	2,90,83
1977-78	2,21,52	37,03,17	5,17,56	31,85,61	2,21,52
1978-79	2,27,36	46,11,61	7,96,40	38,15,21	2,27,36
1979-80	2,42,37	46,82,11	7,50,18	39,31,93	2,42,37
1979-80—					
Below Rs. 5,000	1	1	1	..	1
5,001—7,500	27	1,87	5	1,82	27
7,501—10,000	930	85,19	2,53	82,66	930
10,001—15,000	15,728	19,21,92	1,23,64	17,98,28	15,728
15,001—20,000	4,047	6,89,96	65,49	6,24,47	4,047
20,001—25,000	1,148	2,58,36	26,62	2,31,74	1,148
25,001—30,000	731	1,98,63	25,20	1,73,43	731
30,001—40,000	671	2,28,99	34,10	1,94,89	671
40,001—50,000	315	1,41,17	21,23	1,19,94	315
50,001—60,000	204	1,10,82	17,34	93,48	204
60,001—70,000	131	84,09	14,00	70,09	131
70,001—1,00,000	159	1,32,00	22,09	1,09,91	159
1,00,001—2,00,000	109	1,46,71	26,47	1,20,24	109
2,00,001—3,00,000	19	45,77	13,93	31,84	19
3,00,001—4,00,000	3	10,08	3,64	6,44	3
4,00,001—5,00,000	3	12,62	4,81	7,81	3
Over—5,00,000	11	6,13,92	3,49,03	2,64,89	11

SOURCE—Report on State-wise Income Tax Statistics by Directorate of Inspection, Ministry of Finance, New Delhi.

## XXII. STATE FINANCE

Table No. 22-12

Analysis of the demand of Income-Tax according to the classes of income assessed and refunds and rebate allowed in Orissa for the year 1979-80.

Classification	Assessments (No.)	Gross Income (in 000' Rs.)	Gross Tax (I. T. + S. C.) (in 000' Rs.)
(1)	(2)	(3)	(4)
<b>A. Demand</b>			
1. Salaries—			
(a) Central Government —	300	48,66	2.95
(b) State Government ..	2,032	3,97,90	56,81
(c) Others ..	13,892	22,84,41	1,76,99
(d) Total ..	16,224	27,30,97	2,36,75
2. Interest on Securities ..	24	64	10
3. House Property ..	569	18,35	2,24
4. Business or Professions ..	5,851	21,57,95	5,70,56
5. Share of profit from registered firms.	2,202	3,59,01	43,05
6. Other business and profession ..	1	34	7
7. Capital Gains ..	15	25,51	15,55
8. Dividends ..	24	1,11	45
9. Other sources ..	290	30,00	9,94
10. Total Demand (A) —	25,200	53,23,88	8,78,71

SOURCE—Report on Statewise Income-tax statistics by Directorate of Inspection, Ministry of Finance, Government of India, New Delhi.

## XXII. STATE FINANCE—(Concl'd.)

Table No. 22-12

Analysis of the demand of Income-Tax according to the classes of income assessed and refunds rebate allowed in Orissa for the year 1979-80.

Classification	No. of assessments	Amount of deductions/ rebate in (000' Rs.)	Tax-relief (I. T.+S. C.) (in 000' Rs.)
(1)	(2)	(3)	(4)
<b>B. Deduction and Rebates</b>			
1. Deductions—			
(a) Loss set off under section 71, 72, 73, 74 ..	5	44	9
2. Contributions to Provident Fund, Life Insurance, etc. (Section 80-C).	16,889	4,99,96	44,94
3. Donations to funds, etc. (Section 80-G).	6	2,72	1,56
4. Profits from new industrial undertakings, hotels etc. Section 80-J).	2	26,64	14,16
5. Dividends from new industrial undertakings, hotels, etc. (Section 80-K).	1	7,60	4,81
6. Dividends from Indian Companies interest from securities, Bank deposits, etc., Section (80-L).	72	1,75	42
7. Income of Co-operative Societies exempt (Section 80-P).	6	31	14
8. Long term capital gains (Section 80-T) ...	3	9,70	6,13
9. Inter-corporate dividends (Section 80-M) ..	2	1,19	69
Total of deductions (including others)	17,075	6,41,77	1,28,53
Net tax demand received (A-B) ..	8,125	46,82,11	7,50,18

SOURCE—Directorate of Inspection, Ministry of Finance, Government of India, New Delhi.

## XXII. STATE FINANCE

Table No. 22.13

Number of Assessment, Gross Income and Gross Tax from business and profession in Orissa

Year/Nature of Industry	No. of assessments	Gross Income (in '000 Rs.)	Gross Tax (I. T. + S. C.) (in '000 Rs.)
(1)	(2)	(3)	(4)
1974-75 ..	7,588	13,46,01	2,59,08
1975-76 ..	4,645	9,63,03	1,97,51
1976-77 ..	12,266	29,33,46	5,94,95
1977-78 ..	7,432	17,94,31	3,32,45
1978-79 ..	24,579	48,98,89	8,27,12
1979-80 ..	5,851	21,57,95	5,70,56
1979-80			
1. Forestry, Mining and Quarrying ...	8	5,55	54
2. Primary industries and processing and manufacture of food stuffs (Including beverages and narcotics.)	74	30,06	2,24
3. Processing and manufacture of textiles, leather and products thereof.	20	17,82	5,30
4. Processing and manufacture—Metals and chemicals and products thereof.	90	4,17,03	2,27,55
5. Processing and manufacture—Cement, rubber, paper and other mineral products.	94	3,55,67	1,85,77
6. Construction and utilities ..	27	16,21	2,02
7. Commerce, Transport and Communications.	5,331	12,65,77	1,40,27
8. Finance ...	35	10,67	88
9. Professions ..	172	39,17	5,99

SOURCE—Report on State wise Income-Tax Statistics by Directorate of Inspection (Research, Statistics and Publication, Ministry of Finance, Government of India, New Delhi.



## XXIII. STATE INCOME

The data presented in this chapter gives the estimates of the State domestic product at factor cost by industrial origins and *per capita* income at current and constant prices of the State for the years from 1971-72 to 1980-81. The year 1970-71 has been taken as base year and the prices for this year have been taken as constant prices. The methodology suggested by the committee on Regional Accounts has been adopted for such estimates. The estimates from 1971-72 to 1978-79 are final those for 1979-80 are provisional and those for 1980-81 are quick.

The composition of S. D. P. at constant prices comes under three broad sectors, namely, primary, secondary and tertiary sectors. The primary sector comprises Agriculture, Forestry, Fishery and Mining and the S. D. P. in this sector accounts for nearly 68 per cent of the total estimate for the year 1980-81. The contribution of the secondary sector comprising manufacturing, constructions, electricity and water-supply is 11 per cent in 1980-81. The contribution of tertiary sector comprising the rest of the economy is 21 per cent in 1980-81.

At current prices the S. D. P. in 1980-81 shows an increase of 25.4 per cent over that of the foregoing year against an increase of 11.2 per cent in 1979-80 over the preceding year. At constant prices the corresponding increase is 26.1 per cent and decrease is 16.7 per cent respectively. The high rate of growth recorded in 1980-81 is due to the fact that in 1979-80 agriculture production was adversely affected on account of drought in many parts of the State. The *per capita* income of 1980-81 at constant prices was Rs. 525 against Rs. 424 in 1979-80 accounting for 24 per cent increase. The year 1978-79 records 15 per cent decrease in *per capita* income at constant prices over that of its preceding year.

Orissa is rich in natural resources and abounds in mineral, marine, agricultural and forest resources. Due to want of adequate resources, these could not be exploited to raise the State income. The *per capita* income is much below the All-India average. Plan allocations are the measures for a State like Orissa with low resource base. The Central assistance for planning is formula bound and cannot exceed its limit. So it is not possible to reduce the progressively widening gap between the National and State *per capita* incomes unless the State's Plan investments are amply supplemented by projects in Central Sector and Private Sector with help of financing institutions. Fortunately during the Sixth Plan period a total investment of Rs. 5,500 crores comprising Rs. 1,500 crores in State Sector, Rs. 2,500 crores in Central Sectors and Rs. 1,500 crores in Private Sector would enable the State to achieve a growth-rate of 6.19 and thereby reduce the disparity between the National and State *per capita* incomes.



## XXIII. STATE INCOME

Table No. 23-01

Net-State Domestic Product at factor cost at current and constant (1970-71) prices in the State of Orissa  
(Lakhs of Rs.)

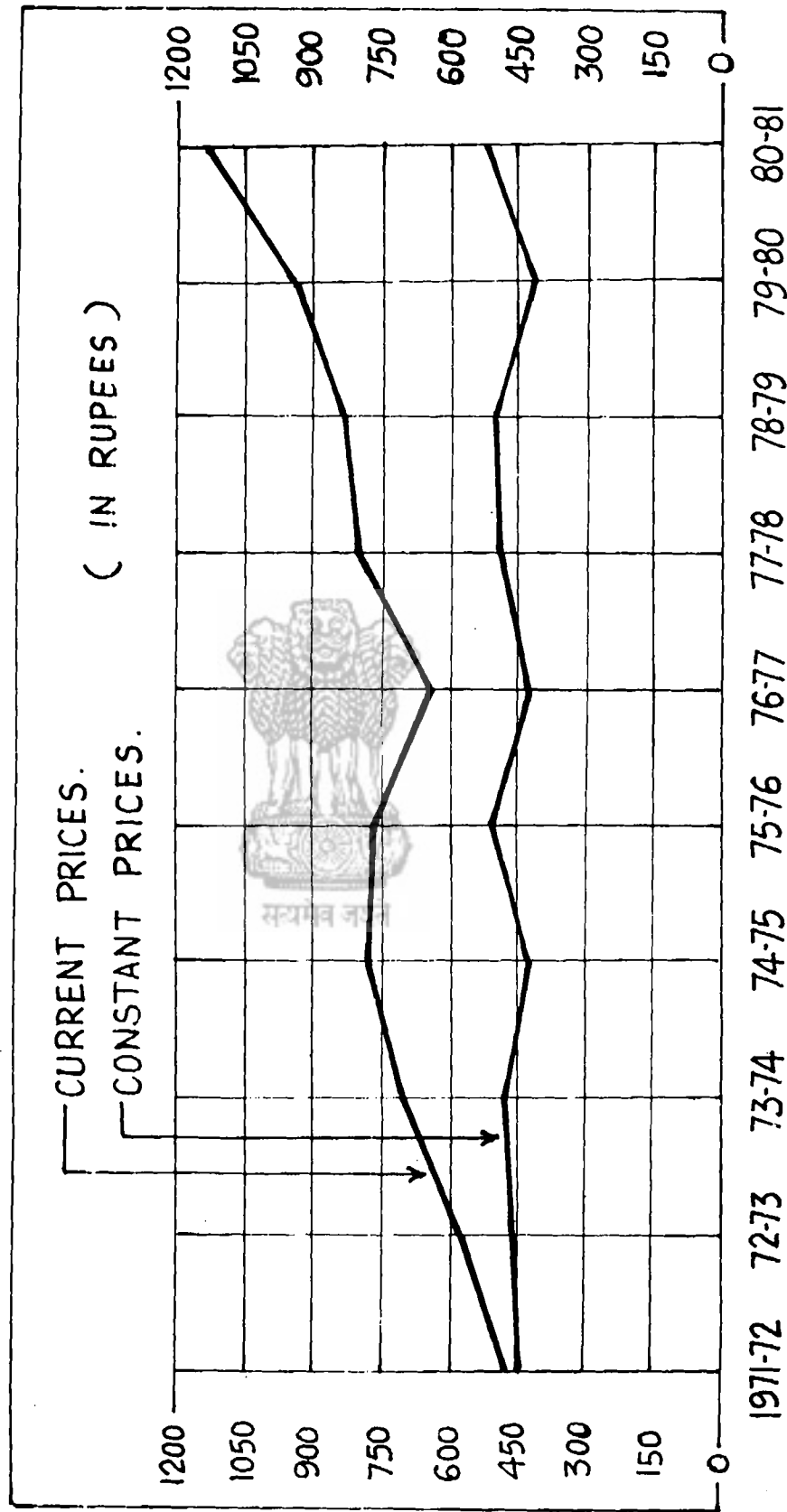
Year	Net-State Domestic product (State Income) (in lakhs of Rs.)		Per capita Net-State Domestic product (State Income) in Rs.	
	Current prices	Constant prices	Current prices	Constant prices
(1)	(2)	(3)	(4)	(5)
1971-72	1,065.96	963.12	480.44	434.09
1972-73	1,306.89	1,035.99	576.03	456.62
1973-74	1,617.67	1,115.22	697.24	480.63
1974-75	1,664.08	1,012.54	731.37	426.76
1975-76	1,735.92	1,188.46	715.49	489.84
1976-77	1,634.07	1,044.28	658.63	420.91
1977-78	2,027.49	1,238.06	799.10	487.98
1978-79	2,140.24	1,300.64	824.95	501.33
1979-80(P)	2,380.74	1,083.15	931.00	423.60
1980-81(Q)	2,985.76	1,365.85	1,146.70	524.50

Year	Index number of Net Domestic product with 1970-71 as base		Index number of <i>per capita</i> Net Domestic product with 1970-71 as base		Percentage of Increase over the previous year at 1970-71	
	Current prices	Constant prices	Current prices	Constant prices	Total Net State Domestic product	Per capita Net State domestic product (State Income)
(1)	(6)	(7)	(8)	(9)	(10)	(11)
1971-72	101.84	92.01	99.59	89.94	(- )8.0	(- )10.0
1972-73	124.86	98.98	119.40	94.65	(+ )7.6	(+ )5.2
1973-74	154.55	106.55	144.53	99.64	(+ )7.6	(+ )5.3
1974-75	158.98	96.74	145.39	88.46	(- )9.1	(- )11.2
1975-76	165.85	113.54	148.31	101.54	(+ )17.3	(+ )14.8
1976-77	156.11	99.77	135.53	87.25	(- )12.1	(- )14.1
1977-78	193.69	118.28	165.64	101.15	(+ )18.6	(+ )15.9
1978-79	204.47	124.26	171.00	103.92	(+ )5.1	(+ )2.7
1979-80	227.50	103.44	192.99	87.81	(- )16.8	(- )15.5
1980-81	285.31	130.47	237.71	108.73	26.1	23.8

SOURCE—Bureau of Statistics & Economics, Orissa

# **PER CAPITA STATE INCOME AT CURRENT & CONSTANT PRICES IN THE STATE OF ORISSA** (BASE--1970-71)



## XXIII. STATE INCOME

Table No. 23-02

Net-State Domestic Product by Industrial Origin at current and constant prices in Orissa

(Rs. in lakhs)

Year	Agriculture and Animal Husbandry		Forestry and logging		Fishery		Mining and quarrying	
	Current prices	Constant prices	Current prices	Constant prices	Current prices	Constant prices	Current prices	Constant prices
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1971-72	68,573	60,950	1,144	1,066	796	789	2,091	1,872
1972-73	88,419	68,002	1,052	919	943	836	2,175	1,886
1973-74	1,12,263	72,973	1,192	977	1,256	998	2,622	1,872
1974-75	1,07,951	61,041	1,233	861	1,434	1,068	3,531	1,922
1975-76	1,07,997	76,676	1,452	915	1,836	1,100	5,246	2,392
1976-77	91,812	60,619	1,741	974	2,332	1,342	5,554	2,482
1977-78	1,24,806	78,082	1,989	1,019	2,121	1,181	5,211	2,393
1978-79	1,30,521	83,091	3,104	1,322	3,648	1,537	4,969	2,214
1979-80	1,40,140	62,067	5,898	2,139	4,191	1,650	5,613	2,058
1980-81	1,85,174	87,267	5,748	1,920	4,902	1,651	6,954	2,292

Year	Manufacturing (Registered)		Manufacturing (Unregistered)	
	Current prices	Constant prices	Current prices	Constant prices
(1)	(10)	(11)	(12)	(13)
1971-72	4,554	4,313	3,954	3,741
1972-73	4,554	3,920	4,179	3,818
1973-74	7,515	5,379	4,347	3,913
1974-75	10,705	6,121	5,133	4,001
1975-76	8,396	4,853	6,292	4,092
1976-77	10,075	5,705	7,261	4,184
1977-78	10,391	5,602	7,813	4,279
1978-79	9,785	5,259	8,247	4,375
1979-80	13,769	6,327	8,985	4,314
1980-81	17,453	6,794	9,262	4,391

## XXIII. STATE INCOME

Table No. 23-02

Net-State Domestic Product by Industrial origin (Rs. in lakhs) at current and constant prices in Orissa

Year	Construction		Electricity and water-supply		Transport and communication Railway	
	Current prices	Constant prices	Current prices	Constant prices	Current prices	Constant prices
	(14)	(15)	(16)	(17)	(18)	(19)
1971-72 ..	3,142	2,709	765	652	1,824	1,744
1972-73 ..	4,546	2,729	590	627	1,573	1,429
1973-74 ..	4,682	2,836	741	691	1,516	1,437
1974-75 ..	4,602	3,364	946	745	1,964	1,848
1975-76 ..	5,168	3,889	1,081	927	2,356	1,947
1976-77 ..	4,865	4,181	1,455	799	3,051	2,356
1977-78 ..	6,149	4,496	1,829	837	3,051	2,356
1978-79 ..	6,149	4,496	1,848	839	3,051	2,356
1979-80 ..	6,539	2,733	3,510	749	2,570	2,237
1980-81 ..	8,200	3,013	3,530	750	2,570	2,330

Year	Transport and communication					
	Communication		Transport by other means and storage		Sub-Total	
	Current prices	Constant prices	Current prices	Constant prices	Current prices	Constant prices
(1)	(20)	(21)	(22)	(23)	(24)	(25)
1971-72 ..	305	292	1,586	1,410	3,715	3,446
1972-73 ..	293	263	1,736	1,485	3,602	3,177
1973-74 ..	436	369	2,026	1,638	3,978	3,444
1974-75 ..	595	463	1,958	1,545	4,517	3,856
1975-76 ..	731	477	2,476	1,647	5,563	4,071
1976-77 ..	812	525	2,458	1,688	6,321	4,569
1977-78 ..	836	507	2,704	1,776	6,591	4,639
1978-79 ..	889	520	2,999	1,931	6,939	4,807
1979-80 ..	1,047	560	2,892	1,826	6,509	4,623
1980-81 ..	1,047	509	3,116	1,827	6,733	4,666

## XXIII. STATE INCOME

Table No. 23-02

Net-State Domestic Product by Industrial Origin at current and constant prices in Orissa

(Rs. in lakhs)

Year		Trade Hotel restaurant		Banks and Insurance		Ownership of Dwelling	
		(a)	(b)	(a)	(b)	(a)	(b)
		Current prices	Constant prices	Current prices	Constant prices	Current prices	Constant prices
(1)		(26)	(27)	(28)	(29)	(30)	(31)
1971-72	..	5,665	5,129	876	800	2,276	2,231
1972-73	..	6,885	5,522	976	808	2,350	2,255
1973-74	..	8,530	5,882	1,314	969	2,509	2,345
1974-75	...	8,696	5,173	1,524	877	2,715	2,484
1975-76	..	8,718	6,060	2,057	1,049	3,015	2,663
1976-77	...	7,948	5,207	2,361	1,154	3,300	2,857
1977-78	..	10,087	6,303	2,602	1,229	3,633	3,067
1978-79	..	10,624	6,658	2,848	1,302	3,992	3,294
1979-80	..	11,953	5,363	2,902	1,620	4,398	3,527
1980-81	..	15,072	6,957	2,902	1,567	4,863	3,801

Year		Public administration		Other Services		Total Net-State Domestic Product (State Income)	
		(a)	(b)	(a)	(b)	(a)	(b)
		Current prices	Constant prices	Current prices	Constant prices	Current prices	Constant prices
(1)		(32)	(33)	(34)	(35)	(36)	(37)
1971-72	..	3,655	3,460	5,390	5,154	1,06,596	96,312
1972-73	..	4,538	3,660	5,880	5,440	1,30,689	1,03,599
1973-74	..	4,261	3,589	6,557	5,654	1,61,767	1,11,522
1974-75	...	5,641	3,844	7,780	5,897	1,66,408	1,01,254
1975-76	..	7,219	3,979	9,549	6,180	1,73,592	1,18,846
1976-77	..	7,844	4,030	10,538	6,325	1,63,407	1,04,428
1977-78	..	8,655	4,308	10,863	6,371	2,02,740	1,23,806
1978-79	...	9,988	4,325	11,362	6,535	2,14,024	1,30,064
1979-80	..	10,562	4,286	13,105	6,859	2,38,074	1,08,315
1980-81	..	13,612	4,408	14,171	7,090	2,98,576	1,36,585

SOURCE—Bureau of Statistics &amp; Economics, Orissa

## XXIV. LOCAL BODIES

This chapter presents annual income by sources, expenditure by different types, of constructions, number of employees and payment of salaries and wages of the Municipalities and Notified Area Councils in the State from 1976-77 to 1980-81 and their area, population and workers for the years 1961, 1971 and 1981 with district-wise data for last two years.

*Number of Municipalities and N. A. Cs.*—The number of Municipalities and N. A. Cs., have increased from 91 by the end of the year 1976-77 to 95 by the end of the year 1980-81 in the State. Number of Municipalities and N. A. Cs., were highest in Ganjam district with 19 followed by Koraput and Sambalpur district with 11 and 10 respectively during the year 1980-81.

*Income*—The total income of all the Municipalities and N. A. Cs., from all sources excluding opening balances has increased from Rs. 9.71 crores during the year 1976-77 to 12.91 crores during the year 1979-80. But there is a fall in the income for the year 1980-81 to the tune of about Rs. 55 lakhs recording 4 per cent less. This decrease in income may be due to non-availabilities of data of 9 Municipalities and N. A. Cs. of the State. The important sources of income of Municipalities and N. A. Cs., are Octroi taxes, extraordinary receipts and debts which include sale of physical assets, Government loans and public loans, income from commercial enterprises and other Municipal rates and taxes which include taxes on houses and lands, lighting, water and conservancy rates, taxation on profession and trade and other rates. The other sources of income include realisation of fees under special act, fees from educational institutions, receipts from markets, slaughter houses and rent of houses and lands, other fees and revenue, grants from Government and other sources, interest receipts, premium receipts and all miscellaneous income. The octroi taxes collected during the year 1980-81 constituted about 31 per cent of the total income from all sources.

Average income per Municipality and N. A. Cs. was Rs. 14.71 lakhs during the year 1980-81 as against Rs. 14.19 lakhs in the previous year. The districts where the income exceeding rupees one crore during the year 1980-81 were Cuttack, Sambalpur, Sundargarh, Puri and Koraput. The highest average income per Municipality and N. A. C. was Rs. 50 lakhs in Cuttack district followed by Sundargarh district with Rs. 33 lakhs.

*Expenditure*—The total expenditure in all Municipalities and N. A. Cs. was Rs. 11.78 crores in the year 1980-81 as against Rs. 12.85 crores in the previous year. The expenditure has been classified mainly as current, capital and extraordinary. The average expenditure per Municipality and N. A. C. was Rs. 14.03 lakhs during the year 1980-81 as against Rs. 14.12 lakhs during the previous year. The districts where the Municipalities and N. A. Cs. has expenditure over rupees one crore during the year 1980-81 were Cuttack, Puri, Sambalpur and Sundargarh. So the highest average expenditure per Municipality and N. A. C. was about Rs. 45 lakhs in Cuttack district followed by Sundargarh district with Rs. 32 lakhs. Hence during the period from 1976-77 to 1980-81 the budget of the Municipalities and N. A. Cs. in the State was surplus in each year.

It is observed that local bodies have to incur more and more expenditure towards payment of salaries and wages to their employees. This item of expenditure was 24 per cent of the total expenditure in the year 1980-81 as against 20 per cent in the previous year in the State. The districts where this expenditure exceeds 50 lakhs is Sambalpur and Puri.

## XXIV. LOCAL BODIES

Table No. 24.1

Income of different Municipalities and N. A. Cs. by sources in the State of Orissa

Year/Namo of the District	Number of the Municipi- palities and N. A. C.			Municipal rates and taxes in Rs.			
	Existing	Reporting	Octroi	Taxes on house & lands	Lighting, water & conservancy rates	Taxes on profession & trades	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
1976-77	91	90	2,30,28,299	72,14,070	51,90,552	3,17,371	
1977-78	91	90	2,66,09,090	79,51,727	55,31,301	3,91,220	
1978-79	91	91	3,74,75,761	63,13,991	52,06,609	8,41,073	
1979-80	91	91	3,92,42,429	88,38,478	48,07,277	7,87,594	
1980-81	95	84	3,77,09,517	76,87,447	44,50,220	8,63,557	
1979-80							
Balasore	5	5	23,59,087	2,34,890	1,46,570	20,143	
Balangir	7	7	11,94,043	95,219	1,15,089	4,792	
Cuttack	8	8	1,28,94,836	9,52,551	8,78,287	41,297	
Dhenkanal	4	4	4,28,471	7,32,330	1,66,725	51,074	
Ganjam	19	19	10,09,186	3,75,211	5,47,962	18,075	
Kalahandi	5	5	10,75,058	92,902	1,23,244	12,169	
Keonjhar	4	4	15,91,419	2,52,616	1,30,203	6,863	
Koraput	10	9	23,05,124	4,88,447	3,92,332	11,060	
Mayurbhanj	4	4	7,17,266	1,52,026	1,54,099	33,164	
Phulbani	2	2	...	91,064	1,04,332	4,353	
Puri	8	8	46,64,440	30,02,617	10,41,555	4,93,196	
Sambalpur	10	10	64,37,963	7,00,377	6,19,706	15,508	
Sundargarh	5	5	45,65,536	16,68,228	3,89,173	76,000	
1980-81							
Balasore	5	5	26,48,747	2,43,321	2,69,893	29,206	
Balangir	7	7	12,28,280	85,009	1,31,929	1,27,654	
Cuttack	9	6	1,30,13,747	9,96,949	12,12,825	34,418	
Dhenkanal	5	5	7,93,734	6,42,158	1,33,419	..	
Ganjam	19	19	12,01,129	3,52,222	5,25,530	17,256	
Kalahandi	5	5	11,25,507	96,837	1,06,784	4,202	
Keonjhar	4	4	18,28,453	2,32,608	86,577	24,877	
Koraput	11	10	28,15,438	5,10,424	5,82,161	13,109	
Mayurbhanj	4	4	7,30,141	1,46,322	1,59,221	26,964	
Phulbani	3	2	..	96,707	1,66,030	3,686	
Puri	8	6	12,51,134	21,23,773	1,53,675	3,48,188	
Sambalpur	10	7	58,61,503	6,22,815	4,92,227	46,512	
Sundargarh	5	4	52,11,704	15,38,297	4,29,949	1,87,485	



## XXIV. LOCAL BODIES

Table No. 24.1

Income of different Municipalities and N. A. Cs. by sources in the State of Orissa

Year/Name of the district	Municipal rates and taxes (Rs.)		Other sources (Rs.)			
	Other rates and taxes	Sub-total	Realisation under special act	Fees from educational institution	Receipts from markets, slaughter houses and lands	Other fee and revenue
(1)	(8)	(9)	(10)	(11)	(12)	(13)
1976-77 ..	34,00,655	3,91,50,937	4,77,837	5,50,298	41,47,223	12,51,997
1977-78 ..	24,56,158	4,29,39,496	3,97,222	5,62,488	51,25,583	50,51,246
1978-79 ..	13,97,836	5,12,35,270	3,49,516	6,91,721	46,70,085	26,67,394
1979-80 ...	22,70,277	5,59,46,055	5,71,630	5,83,356	48,01,704	27,46,183
1980-81 ..	9,98,538	5,17,09,279	4,08,936	4,19,496	55,76,376	38,01,923
1979-80						
Balasore ..	4,40,389	32,01,079	85,425	..	52,238	3,921
Balangir ..	20,621	14,27,664	1,43,507	390	6,81,996	39,190
Cuttack ..	4,18,440	1,51,85,411	80,724	1,05,948	90,134	3,01,311
Dhenkanal ..	36,257	14,14,857	89,763	18,996	1,64,675	49,920
Ganjam ..	79,661	20,29,495	24,949	78,954	4,85,450	1,40,256
Kalahandi ..	36,228	13,39,601	2,280	15,826	2,34,563	73,141
Keonjhar ..	65,004	20,46,105	10,917	26,321	2,33,081	66,139
Koraput ..	2,34,572	34,31,535	23,071	63,933	7,78,110	3,04,626
Mayurbhanj ..	29,234	10,85,789	8,346	15,869	3,74,618	1,20,519
Phulbani ..	30,152	2,29,901	140	..	81,835	2,99,516
Puri ..	2,46,949	94,48,757	66,704	45,272	5,64,877	5,82,544
Sambalpur ..	2,71,204	80,44,758	27,305	59,022	8,70,218	7,55,373
Sundargarh ..	3,62,166	70,61,103	8,499	1,52,885	1,90,009	9,727
1980-81						
Balasore ..	53,705	32,44,872	87,031	..	3,06,114	3,628
Balangir ..	86,932	16,59,804	78,503	..	7,80,926	1,21,184
Cuttack ..	2,72,361	1,55,30,300	22,951	71,672	3,45,759	10,37,942
Dhenkanal ..	65,568	16,34,879	23,307	1,019	3,94,170	9,301
Ganjam ..	82,373	21,78,510	12,730	27,661	5,52,785	2,14,406
Kalahandi ..	62,257	13,95,587	52,802	12,208	2,21,001	36,210
Keonjhar ..	22,369	21,94,884	14,408	29,059	1,35,863	1,56,636
Koraput ..	55,754	39,76,886	34,412	64,988	7,10,275	1,82,337
Mayurbhanj ..	26,503	10,89,151	3,196	14,927	3,95,522	2,59,407
Phulbani ..	3,179	2,69,602	784	24,961	58,411	..
Puri ..	64,827	39,41,602	46,795	25,725	6,13,750	2,86,652
Sambalpur ..	1,52,800	71,75,867	20,760	38,967	8,03,523	6,31,827
Sundargarh ..	49,900	74,17,335	11,257	1,08,309	2,58,277	8,62,393

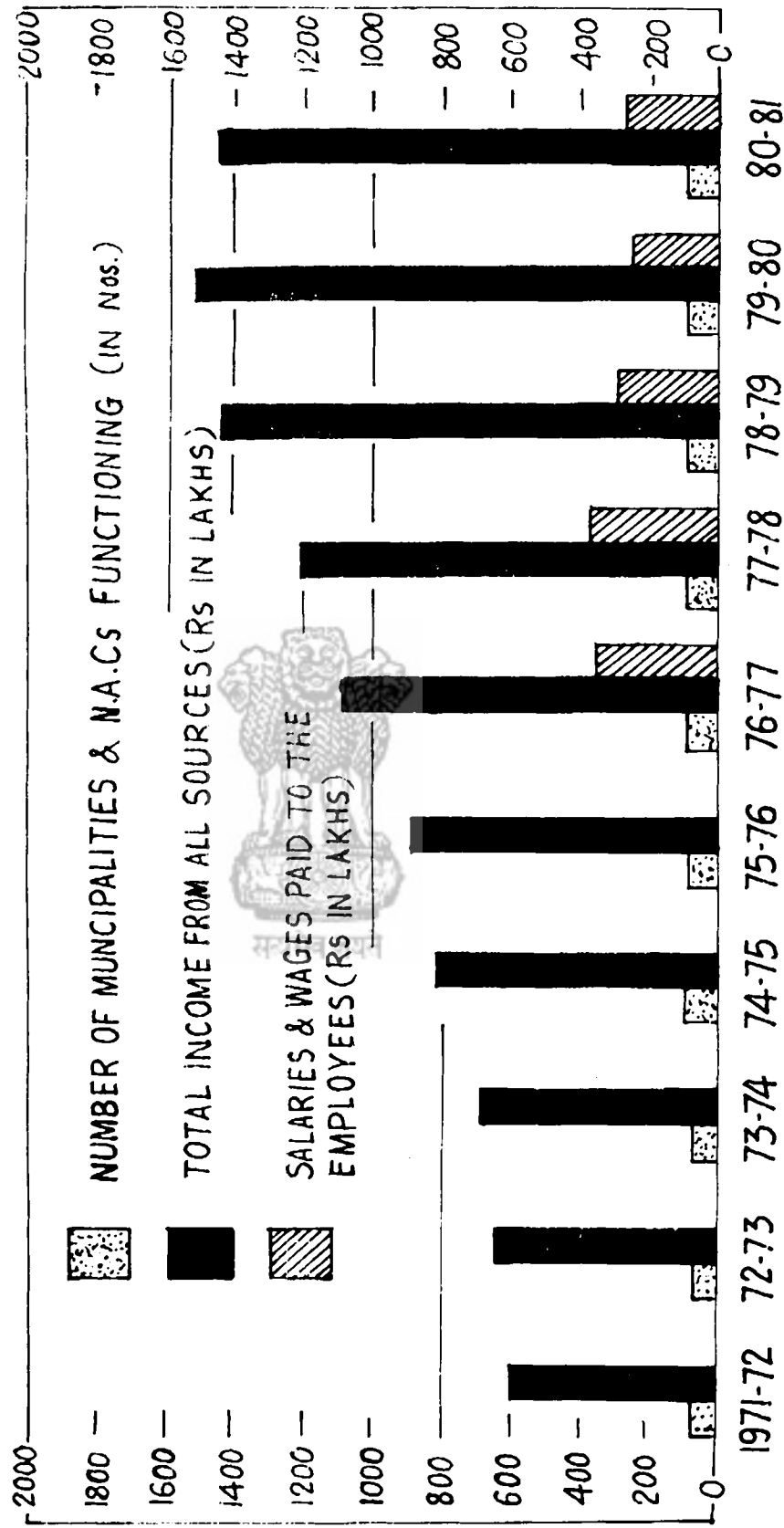
## XXIV. LOCAL BODIES

Table No. 24-1

Income of different Municipalities and N. A. Cs. by sources in the State of Orissa

Year/Name of the district	Other sources (Rs.)					
	Grants		Interest receipts	Premium on loan	Miscellaneous	Sub-Total
	Government	Others				
(1)	(14)	(15)	(16)	(17)	(18)	(19)
1976-77 ..	2,82,17,688	35,77,927	1,24,573	10,31,889	55,93,811	4,49,75,243
1977-78 ..	3,11,30,693	22,15,298	98,584	1,20,330	49,56,020	4,96,27,963
1978-79 ..	29,93,128	51,68,652	2,18,688	19,52,823	63,74,777	5,20,36,784
1979-80 ..	3,54,38,862	26,40,282	15,04,740	1,92,063	76,13,164	5,60,91,984
1980-81 ..	4,03,23,438	42,41,135	6,38,522	2,72,846	60,72,704	6,17,55,376
1979-80—						
Balasore ..	1,13,865	..	10,467	1,32,625	9,16,170	23,14,711
Balangir ..	14,45,785	8,49,994	2,290	..	2,51,771	34,14,824
Cuttack ..	85,46,574	440	4,587	5,858	19,55,842	1,10,91,418
Dhenkanal ..	11,72,245	44,643	..	..	1,20,551	16,60,793
Ganjam ..	31,33,756	6,000	1,73,869	6,352	6,29,697	46,79,283
Kalahandi ..	13,31,495	..	..	..	1,03,339	17,61,254
Keonjhar ..	13,73,549	3,524	7,854	..	1,88,608	19,09,993
Koraput ..	25,85,541	1,27,642	678	500	2,84,387	41,68,488
Mayurbhanj ..	11,21,324	51	..	..	..	16,40,727
Phulbani ..	2,59,859	..	805	1,581	54,725	6,98,461
Puri ..	66,00,832	3,15,758	3,96,978	2,021	12,25,216	98,00,142
Sambalpur ..	53,51,152	1,24,200	72,124	..	13,31,876	85,91,270
Sundargarh ..	14,02,885	11,68,030	8,35,088	42,516	5,50,981	43,60,620
1980-81—						
Balasore ..	33,55,997	..	10,646	1,99,769	5,04,929	44,68,114
Balangir ..	17,69,164	8,67,263	..	200	2,54,546	38,71,786
Cuttack ..	1,00,15,412	32,483	35,813	..	23,07,650	1,38,69,682
Dhenkanal ..	14,47,797	24,822	87,332	..	89,569	20,77,317
Ganjam ..	37,88,127	1,82,330	83,323	..	5,99,785	54,61,147
Kalahandi ..	9,54,232	4,88,595	2,614	18,363	2,42,918	20,28,943
Keonjhar ..	11,89,313	9,777	75,737	..	1,66,442	17,77,235
Koraput ..	30,93,802	2,00,967	1,410	700	6,26,992	49,15,883
Mayurbhanj ..	16,12,957	10,285	103	..	77,669	23,74,066
Phulbani ..	2,60,342	..	429	500	86,978	4,32,405
Puri ..	61,68,872	3,18,586	2,029	4,470	4,51,017	79,17,896
Sambalpur ..	51,34,104	53	3,39,086	46,905	5,12,847	75,28,072
Sundargarh ..	15,33,319	21,05,974	..	1,939	1,51,362	50,32,830

# INCOME OF MUNICIPALITIES & N. A. Cs. AND SALARIES & WAGES PAID TO THE EMPLOYEES IN THE STATE OF ORISSA



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XXIV—LOCAL BODIES

Table No. 24.1

Income of different Municipalities and N. A. Cs. by sources in the State of Orissa

Year/ Name of the district	Sales of physical assets	Extraordinary receipts of debts. (Rs.)			Sub- total
		Loans		Other receipts	
		Government	Others		
(1)	(20)	(21)	(22)	(23)	(24)

1976-77	2,68,766	13,12,754	52,17,123	60,85,412	1,28,84,055
1977-78	1,04,164	11,76,300	24,24,574	61,18,462	98,23,500
1978-79	4,40,633	62,34,237	39,04,377	51,59,649	1,57,38,896
1979-80	1,90,182	1,04,09,302	4,48,965	60,39,343	1,70,87,792
1980-81	69,278	14,61,059	27,50,770	57,99,454	1,00,80,561
1979-80—					
Balasore	..	14,86,883	..	1,35,935	16,22,818
Balangir	6,297	56,375	10,253	1,36,765	2,09,690
Cuttack	47,745	37,89,921	83,391	4,77,616	43,98,673
Dhenkanal	..	5,62,877	..	3,16,007	8,78,884
Ganjam	..	2,62,377	76,288	3,69,451	7,08,096
Kalahandi	11,204	34,150	1,09,576	4,25,582	5,80,512
Keonjhar	723	23,20,000	51,726	1,73,689	25,46,138
Koraput	95,515	1,15,126	..	12,30,550	14,41,191
Mayurbhanj	2,293	1,67,266	1,17,051	72,776	3,59,386
Phulbani	..	9,500	..	1,41,497	1,50,997
Puri	23,770	14,73,327	..	6,95,451	21,92,488
Sambalpur	695	1,31,500	..	14,82,261	16,14,456
Sundargarh	2,000	..	700	3,81,763	3,84,463
1980-81—					
Balasore	..	16,511	5,57,000	..	5,73,511
Balangir	..	..	3,85,982	..	3,85,982
Cuttack	50,595	3,59,118	1,54,853	9,300	5,73,866
Dhenkanal	..	..	..	4,07,230	4,07,230
Ganjam	..	1,65,817	94,247	6,72,022	9,32,086
Kalahandi	..	..	1,32,604	1,19,432	2,52,036
Keonjhar	200	33,750	..	3,35,499	3,69,449
Koraput	12,862	1,00,250	6,00,000	13,92,842	21,05,954
Mayurbhanj	..	3,07,250	1,666	2,15,040	5,23,956
Phulbani	..	3,87,113	..	54,807	4,41,920
Puri	..	..	3,45,300	12,99,920	16,45,220
Sambalpur	3,106	91,250	4,79,118	5,48,489	11,21,963
Sundargarh	2,515	..	..	7,44,873	7,47,388

## XXIV—LOCAL BODIES

Table No. 24·1

Income of different Municipalities and N. A. Cs. by sources in the State of Orissa

Year/Name of the district	Income of commercial enterprises	Total Income	Opening balance	Grand Total
(1)	(25)	(26)	(27)	(28)
	Rs.	Rs.	Rs.	Rs.
1976-77	1,20,352	9,71,30,587	1,45,92,270	11,17,22,857
1977-78	1,27,096	10,25,18,055	2,09,67,680	12,34,85,735
1978-79	8,29,890	11,98,40,840	2,48,25,992	14,46,66,832
1979-80	21,302	12,91,47,133	2,51,72,979	15,43,20,112
1980-81	9,314	12,35,54,529	2,22,78,804	14,58,33,333
1979-80—				
Balasore	..	71,38,608	12,58,249	83,96,857
Balangir	..	50,52,178	9,37,272	59,89,450
Cuttack	..	3,06,75,502	41,36,373	3,48,11,875
Dhenkanal	..	39,54,534	6,88,815	46,43,349
Ganjam	20,851	74,37,225	22,20,129	96,57,354
Kalahandi	951	36,82,318	10,18,455	47,00,773
Keonjhar	..	65,02,236	12,27,673	77,29,909
Koraput	..	90,41,214	22,95,243	1,13,36,457
Mayurbhanj	..	30,85,902	6,89,739	37,75,641
Phulbani	..	10,79,359	2,19,371	12,98,730
Puri	..	2,14,41,387	31,80,110	2,46,21,497
Sambalpur	..	1,82,50,484	50,44,874	2,32,95,358
Sundargarh	..	1,18,06,186	22,56,676	1,40,62,862
1980-81				
Balasore	—	82,86,497	10,81,263	93,67,760
Balangir	..	59,17,572	14,58,185	73,75,757
Cuttack	..	2,99,73,848	19,29,717	3,19,03,565
Dhenkanal	..	41,19,426	11,76,843	52,96,269
Ganjam	615	85,72,358	28,52,125	1,14,24,483
Kalahandi	..	36,76,565	13,61,997	50,38,562
Keonjhar	..	43,41,568	15,03,354	58,44,922
Koraput	8,699	1,10,07,422	21,56,027	1,31,63,449
Mayurbhanj	..	39,87,173	8,93,853	48,81,026
Phulbani	..	11,43,927	2,20,640	13,64,567
Puri	..	1,35,04,718	18,31,000	1,53,35,718
Sambalpur	..	1,58,25,902	36,29,766	1,94,55,668
Sundargarh	..	1,31,97,553	21,84,034	1,53,81,587

SOURCE—Municipalities and N. A. Cs. of the State

## XXIV—LOCAL BODIES

Table No. 24-02

Expenditure of different Municipalities and N. A. Cs., by Heads in the State of Orissa

Year/Name of the district	Number of the Municipality and N. A. C.		Current Expenditure (Rs.)			
	Existing	Reporting	Public lighting and water	Drainage conservancy and sanitary	Hospitals dispensaries and vaccination	Public institutions
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1976-77 ..	91	90	1,03,81,064	1,86,94,842	18,44,902	77,24,060
1977-78 ..	91	90	1,02,50,640	1,93,07,954	36,68,949	1,09,63,475
1978-79 ..	91	91	1,07,64,258	2,03,21,034	48,84,224	1,00,13,905
1979-80 ..	91	91	1,61,33,094	2,20,09,105	45,44,435	1,18,65,854
1980-81 ..	95	84	1,24,70,247	2,11,05,848	35,86,226	91,71,181
1979-80—						
Balasore ..	5	5	6,24,474	7,61,481	2,88,109	3,94,709
Balangir ..	7	7	4,53,755	12,63,166	9,442	27,002
Cuttack ..	8	8	37,85,988	55,66,707	32,06,839	24,92,862
Denkanal ..	4	4	1,05,035	4,99,534	76,896	21,949
Ganjam ..	19	19	5,57,704	13,38,862	87,915	3,41,157
Kalahandi ..	5	5	3,02,481	5,35,084	66,402	1,77,621
Keonjhar ..	4	4	28,54,297	2,71,932	26,590	2,95,727
Koraput ..	10	10	7,15,099	14,40,947	33,096	4,23,476
Mayurbhanj ..	4	4	2,04,590	6,26,553	12,010	2,13,573
Phulbani ..	2	2	3,29,919	99,875	..	..
Puri ..	8	8	15,34,165	42,58,083	5,04,654	19,21,099
Sambalpur ..	10	10	29,87,237	37,76,280	1,50,062	26,55,487
Sundargarh ..	5	5	6,72,790	14,70,601	82,420	29,01,192
1980-81—						
Balasore ..	5	5	12,26,988	11,39,539	77,777	4,51,324
Balangir ..	7	7	9,31,869	12,74,197	2,820	99,294
Cuttack ..	9	6	35,13,680	53,30,805	23,65,191	28,22,485
Dhenkanal ..	5	5	8,75,549	5,84,803	51,014	29,279
Ganjam ..	19	19	5,71,345	14,58,462	1,02,070	5,15,531
Kalahandi ..	5	5	3,08,795	4,09,234	72,229	1,07,857
Keonjhar ..	4	4	5,71,200	4,20,122	37,963	3,20,961
Koraput ..	11	10	9,27,858	13,65,052	29,170	4,60,478
Mayurbhanj ..	4	4	4,90,547	6,69,785	1,920	2,28,109
Phulbani ..	3	2	81,888	1,93,430	..	6,608
Puri ..	8	6	16,31,610	31,85,468	1,10,018	14,11,261
Sambalpur ..	10	7	7,93,295	36,89,884	3,20,884	24,37,302
Sundargarh ..	5	4	5,45,623	13,85,067	4,15,170	2,80,692

## XXIV—LOCAL BODIES

Table No. 24·2

Expenditure of different Municipalities and N. A. Cs. by Heads in the State of Orissa

Year/Name of the district (1)	Current Expenditure (Rs.)		Capital Expenditure (Rs.)		
	Miscellaneous (8)	Sub-Total (9)	Road (10)	Others (11)	Sub-Total (12)
1976-77	2,23,09,460	6,09,54,328	77,67,760	87,30,447	1,64,98,207
1977-78	2,49,82,358	6,91,73,376	69,97,838	85,33,674	1,55,31,512
1978-79	3,13,91,395	7,78,74,816	1,07,23,427	66,03,735	1,73,27,162
1979-80	2,65,04,939	8,10,57,427	1,19,20,635	1,12,20,048	2,31,40,683
1980-81	2,71,58,010	7,34,91,512	1,52,01,668	1,12,09,969	2,64,11,637
1979-80—					
Balasore	32,31,571	53,00,344	10,90,920	13,785	11,04,705
Balangir	10,34,913	27,88,278	5,03,006	3,09,820	8,12,826
Cuttack	23,24,079	1,74,03,475	47,40,931	9,18,110	56,58,991
Dhenkanal	4,47,539	20,96,513	3,93,061	2,62,548	6,55,609
Ganjam	20,19,450	43,45,088	7,97,881	5,52,520	13,50,401
Kalahandi	8,78,980	19,60,568	2,76,348	6,10,745	8,87,093
Keonjhar	11,56,278	47,04,824	3,92,666	7,47,888	11,40,554
Koraput	18,29,812	44,42,430	10,07,524	14,01,532	24,09,056
Mayurbhanj	6,61,225	17,17,951	3,26,661	2,27,225	5,53,886
Phulbani	1,65,515	5,95,309	62,946	4,14,902	4,77,848
Puri	60,26,858	1,42,44,859	10,85,439	25,59,953	36,45,392
Sambalpur	47,76,459	1,44,05,525	10,69,260	8,87,947	19,57,207
Sundargarh	19,52,260	70,79,263	1,73,992	23,13,123	24,87,115
1980-81—					
Balasore	15,82,049	44,77,677	13,02,771	29,762	13,32,533
Balangir	14,55,490	37,63,670	7,10,298	5,12,249	12,22,547
Cuttack	16,69,267	1,57,01,428	46,31,421	5,35,639	51,67,060
Dhenkanal	8,92,975	24,33,620	6,72,150	6,98,549	13,70,699
Ganjam	21,00,440	47,47,848	11,54,445	6,18,395	17,72,840
Kalahandi	18,54,644	27,52,759	5,15,440	4,85,028	10,00,468
Keonjhar	14,50,422	20,00,663	5,29,962	6,54,917	11,84,879
Koraput	26,94,504	54,77,062	12,05,427	16,35,645	28,41,072
Mayurbhanj	7,84,373	21,74,734	3,51,266	3,73,239	7,24,505
Phulbani	2,11,007	4,92,933	86,295	1,91,228	2,77,523
Puri	24,32,507	87,70,864	5,87,471	21,47,901	27,35,372
Sambalpur	61,20,435	1,33,61,800	12,54,185	9,48,634	22,02,819
Sundargarh	39,09,897	65,36,449	22,00,537	23,78,783	45,79,320

## XXIV. LOCAL BODIES

Table No. 24.2

Expenditure of defferent Municipalities and N. A. Cs. by Heads in the State of Orissa

Year/Name of the district	Extraordinary Expenditure and debts			Expenditure	Sub-Total	
	Payment sinking funds/ suspence account	Repayment of loans				
		Government	Others			
(1)	(13)	(14)	(15)	(16)	(17)	
1976-77	..	2,10,302	23,99,329	11,33,599	93,20,985	1,30,64,215
1977-78	..	3,50,149	16,13,448	31,76,517	87,53,649	1,38,93,763
1978-79	..	5,72,563	29,03,158	19,76,421	1,53,45,949	2,07,98,091
1979-80	..	6,61,179	1,01,32,081	13,26,428	1,13,66,640	2,34,86,328
1980-81	..	2,54,445	17,26,718	21,74,580	1,36,95,277	1,78,51,020
1979-80						
Balasore	..	2,46,106	4,46,228	3,690	2,14,521	9,10,545
Balangir	..	3,036	1,58,261	3,329	7,23,728	8,88,354
Cuttack	..	72,221	77,03,925	1,29,840	13,83,416	92,98,402
Dhenkanal	..	..	4,92,743	22,278	1,99,364	7,14,385
Ganjam	..	..	1,10,758	2,87,238	7,11,744	11,09,740
Kalahandi	..	37,836	2,07,441	37,980	2,02,156	4,85,413
Keonjhar	..	..	48,101	..	3,33,076	3,81,177
Koraput	..	..	88,904	1,00,000	21,40,040	23,28,944
Mayurbhanj	..	2,50,805	82,945	5,300	2,83,434	6,22,484
Phulbani	..	..	4,933	..	..	4,933
Puri	..	14,256	5,12,811	2,98,186	14,13,803	22,39,056
Sambalpur	..	6,930	1,91,570	4,22,435	21,33,817	27,54,752
Sundargarh	..	29,989	83,461	16,152	8,61,640	17,57,143
1980-81						
Balasore	..	2,11,736	1,74,075	..	7,51,625	11,37,436
Balangir	..	85	1,48,806	2,37,860	4,42,136	8,28,887
Cuttack	..	8,218	1,48,162	10,000	61,06,907	62,73,287
Dhenkanal	..	..	57,393	25,026	1,99,667	2,82,086
Ganjam	..	1,024	2,92,377	2,91,512	8,20,083	14,04,996
Kalahandi	..	..	96,067	1,73,959	1,63,351	4,33,377
Keonjhar	..	..	44,749	..	3,67,136	4,11,885
Koraput	..	..	69,172	1,00,000	11,97,711	13,66,883
Mayurbhanj	..	13,382	46,922	1,23,598	1,32,869	3,16,771
Phulbani	..	..	11,704	1,892	1,73,922	1,87,518
Puri	..	..	2,03,255	45,525	14,14,452	16,63,232
Sambalpur	..	20,000	2,75,540	96,498	11,66,063	15,58,101
Sundargarh	..	..	1,58,495	10,68,710	7,59,355	19,86,561



## XXIV. LOCAL BODIES

Table No. 24'2—Concl'd.

Expenditure of different Municipalities and N. A. Cs., by Head in the State of Orissa

Year/Name of the district	Expenditure of commercial enterprises	Total expenditure	Closing balance	Grand total	Wages and salaries paid
(1)	(18)	(19)	(20)	(21)	(22)
	Rs.	Rs.	Rs.	Rs.	Rs.
1976-77	2,33,210	9,07,49,960	2,09,72,897	11,17,22,857	3,67,82,288
1977-78	6,87,401	9,92,86,052	2,41,99,683	12,34,85,735	3,96,62,734
1978-79	17,98,830	11,77,98,899	2,68,67,933	14,46,66,832	3,09,42,815
1979-80	8,17,529	12,85,01,968	2,58,18,144	15,43,20,112	2,55,13,765
1980-81	7,478	11,77,61,647	2,80,71,686	14,58,33,333	2,78,10,799
1979-80					
Balasore	..	73,15,594	10,81,263	83,96,857	1,30,891
Balangir	41,807	45,31,265	14,58,185	59,89,450	17,59,111
Cuttack	..	3,23,24,868	24,87,007	3,48,11,875	11,67,264
Dhenkanal	..	34,66,507	11,76,842	46,43,349	15,10,089
Ganjam	..	68,05,230	28,52,124	96,57,354	8,34,431
Kalahandi	5,702	33,38,776	13,61,997	47,00,773	7,26,235
Keonjhar	..	62,26,555	15,03,354	77,29,909	17,46,349
Koraput	..	91,80,430	21,56,027	1,13,36,457	12,11,607
Mayurbhanj	..	28,94,321	8,81,320	37,75,641	52,86,976
Phulbani	..	10,78,090	2,20,640	12,98,730	3,53,125
Puri	7,34,767	2,08,64,074	37,57,423	2,46,21,497	86,52,679
Sambalpur	35,253	1,91,52,737	41,42,621	2,32,95,358	21,35,008
Sundargarh	..	1,13,23,521	27,39,341	1,40,62,862	2,55,13,765
1980-81					
Balasore	..	69,47,646	24,20,114	93,67,760	17,66,424
Balangir	..	58,15,104	15,60,653	73,75,757	15,02,310
Cuttack	..	2,71,41,775	47,61,790	3,19,03,565	..
Dhenkanal	..	40,86,405	12,09,864	52,96,269	14,56,114
Ganjam	..	79,25,684	34,98,799	1,14,24,483	16,92,555
Kalahandi	..	41,86,604	8,51,958	50,38,562	16,00,504
Keonjhar	..	43,97,432	14,47,490	58,44,922	9,61,650
Koraput	..	96,85,017	34,78,432	1,31,63,449	23,25,212
Mayurbhanj	..	32,16,010	16,65,016	48,81,026	13,85,416
Phulbani	..	9,57,974	4,06,593	13,64,567	3,63,882
Puri	7,478	1,31,76,946	21,58,772	1,53,35,718	58,13,323
Sambalpur	..	1,71,22,720	23,32,948	1,94,55,668	64,76,964
Sundargarh	..	1,31,02,330	22,79,257	1,53,81,587	24,66,445

SOURCE—Municipalities &amp; N. A. Cs. of the State

## XXIV. LOCAL BODIES

Table No. 24·03

Area, population and workers of Municipal towns in Orissa

Name of the District	Area in Sq. Km.	Total population	Total workers	No. of cultivators & Agricultural labourers	Household Industry (No.)	Other workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1961	..	1,145,815	402,774	40,450	28,489	333,835
1971	2,048·18	2,113,099	586,921	84,364	27,830	474,727
1981	2,122·11	3,056,363	879,372	129,996	33,986	715,390
1971						
Balasore	120·46	127,114	35,769	8,410	1,290	26,067
Balangir	116·97	91,557	26,038	4,804	2,250	18,984
Cuttack	179·99	301,049	91,010	7,166	3,838	80,006
Dhenkanal	63·30	51,905	14,682	3,133	1,022	10,527
Ganjam	281·67	294,414	85,828	16,636	8,873	60,314
Kalahandi	79·64	56,097	17,114	4,554	468	12,092
Keonjhar	92·74	68,043	23,636	2,912	749	19,975
Koraput	305·28	168,837	52,007	13,247	1,788	36,972
Mayurbhanj	44·63	57,712	12,653	1,916	531	10,206
Phulbani	36·72	19,402	6,506	1,406	860	4,240
Puri	226·76	258,599	77,161	6,777	1,882	68,502
Sambalpur	271·97	206,821	64,646	9,167	2,797	52,682
Sundargarh	213·07	239,649	79,871	4,236	1,475	74,160
1981						
Balasore	126·57	178,119	49,554	16,298	1,403	31,853
Balangir	116·97	131,322	59,037	8,130	2,554	48,353
Cuttack	203·00	412,350	122,301	11,534	4,548	106,219
Dhenkanal	72·91	84,891	25,018	4,742	987	19,289
Ganjam	309·28	546,754	104,565	22,889	7,134	74,542
Kalahandi	79·64	80,508	24,118	7,041	551	16,526
Keonjhar	92·72	111,885	35,005	5,952	1,310	27,743
Koraput	309·63	244,016	79,107	16,230	3,067	59,810
Mayurbhanj	44·63	77,835	23,175	3,825	970	18,380
Phulbani	49·96	30,275	8,966	1,303	731	6,932
Puri	226·76	422,495	124,978	12,396	3,234	109,348
Sambalpur	271·97	347,622	107,241	15,416	5,742	86,083
Sundargarh	218·07	388,291	116,307	4,240	1,755	110,312

SOURCE—Municipalities and N. A. Cs. of the State

## XXIV. LOCAL BODIES

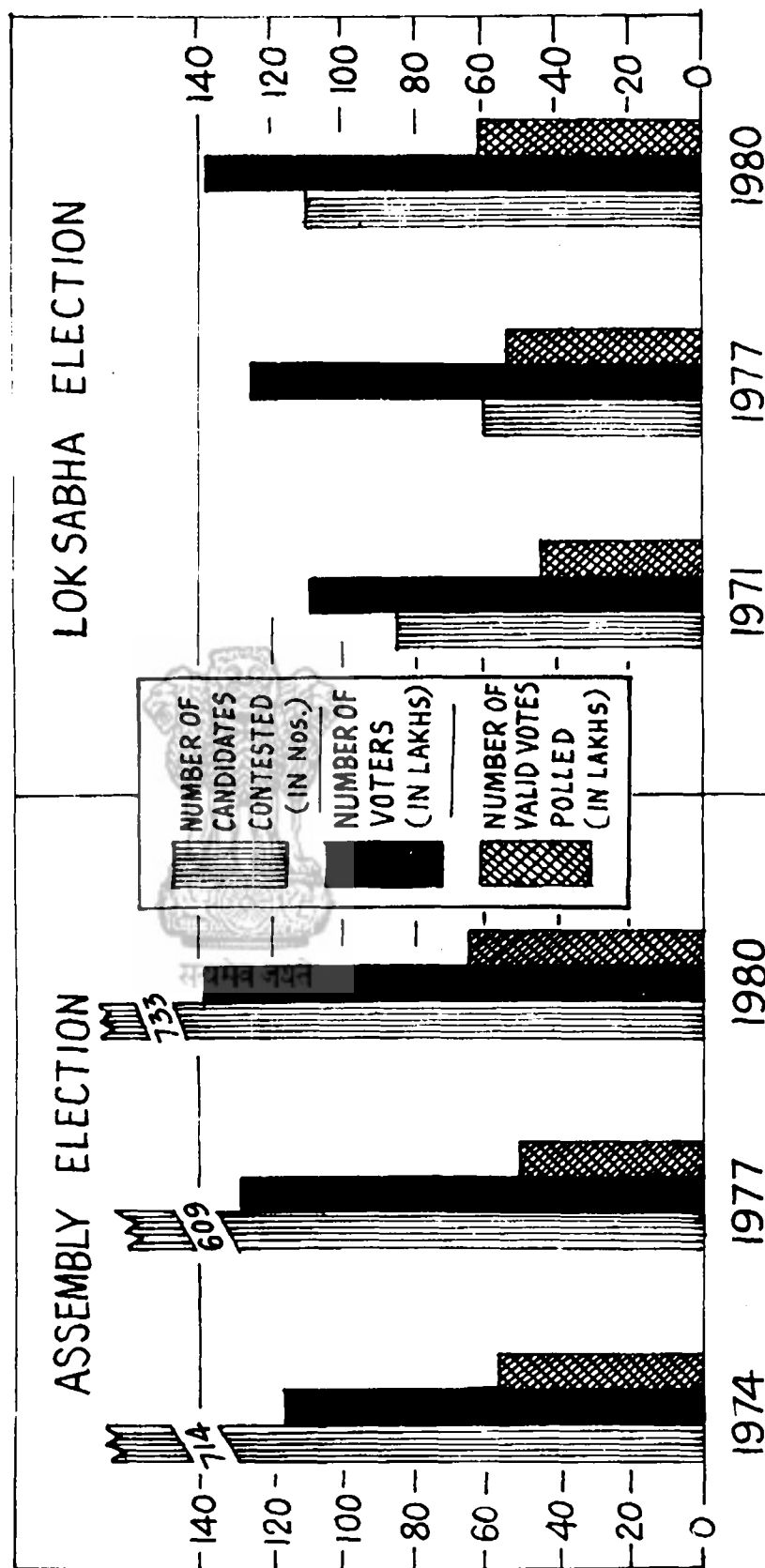
Table No. 24-04

Constitution of local bodies wages and salaries paid to their employees in the State of Orissa

Year/District	Municipalities		Notified Area Councils		Total number of members in the Committee	Number of Wards in local bodies	Total number of employees or monthly salary	Wages and salaries paid (including P. H. Staff)
	Existing	Reported	Existing	Reported				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Rs. (9)
1976-77 ..	26	26	65	64	1,316	1,190	9,777	3,67,82,288
1977-78 ..	26	26	66	64	1,256	1,195	10,086	3,96,62,734
1978-79 ..	26	23	66	60	1,289	1,178	9,674	3,09,42,815
1979-80 ..	26	19	66	49	886	920	5,334	2,55,13,765
1980-81 ..	27	17	66	48	888	897	6,039	2,78,10,799
1980-81								
Balasore ..	1	1	4	3	58	70	555	17,66,424
Balangir ..	2	2	5	3	25	65	313	15,02,310
Cuttack ..	4	..	4	..	..	..	..	..
Dhenkanal ..	2	2	3	3	83	78	321	14,56,114
Ganjam ..	2	..	18	13	140	154	393	16,92,555
Kalahandi ..	1	1	4	4	69	67	319	16,00,504
Keonjhar ..	2	1	2	2	36	39	212	9,61,650
Koraput ..	3	3	7	7	123	120	670	23,25,212
Mayurbhanj ..	1	1	3	3	50	71	276	13,85,416
Puri ..	2	1	6	3	59	71	1,068	58,13,323
Phulbani ..	..	..	2	2	27	25	75	3,63,882
Sambalpur ..	4	3	6	4	156	100	1,381	64,76,964
Sundargarh ..	3	2	2	2	62	37	456	24,66,445

SOURCE—Municipalities and Notified Area Councils of the State

# GENERAL INFORMATION FOR LOK SABHA & ASSEMBLY ELECTION FOR ORISSA



## XXV. ELECTION

This chapter presents the districtwise information regarding number of general constituencies and constituencies reserved for Scheduled Castes and Scheduled Tribes, number of voters and number of candidates contested in general elections to Lok Sabha in Orissa, held in 1971, 1977 and 1980 and general election to State Legislative Assembly, held in 1974, 1977 and 1980.

For the formation of popular Governments in the country and States, there are provisions for general elections to Lok Sabha and State Legislative Assemblies, in every five years, under article 83 and 172 of the Constitution of India respectively, unless the houses are dissolved earlier or extended beyond five years, to elect representatives of people. These elections are conducted by the Election Commission of India, through the Chief Election Officers of the States.

The number of constituencies for the State Assembly are determined on the basis of the total population of the State. Such number will not be less than 60 and not more than 500. During the 5th General Election in 1971, there were 20 Lok Sabha constituencies for Orissa and the number of constituencies for State Legislative Assembly were 140. These have been increased to 21 and 147 respectively, for Lok Sabha and State Legislative Assembly by the delimitation commission, in 1972, in accordance with the enhanced population of 1971 census. The General Election to Lok Sabha in 1977 and 1980 and to State Assembly in 1974, 1977 and 1980, were conducted on the basis of such newly delimited constituencies. Out of 21 Lok Sabha constituencies of the State, 3 constituencies are reserved for Scheduled Castes, 5 are reserved for Scheduled Tribes and rest 13 constituencies are general.

Similarly, 147 State Assembly constituencies are comprising of 22 constituencies reserved for Scheduled Castes, 34 constituencies reserved for Scheduled Tribes and 91 general constituencies. The newly constituted Lok Sabha (General) constituency was Jagatsinghpur in Cuttack district.

The total number of voters for the election to State Assembly, held in 1974 were 119 lakhs, which were increased to 127 lakhs and 139 lakhs, for the elections to State Assembly held in 1977 and 1980 respectively. The total number of valid votes polled during 1974, 1977 and 1980 were 57 lakhs, 51 lakhs and 64 lakhs respectively, constituting 48 per cent, 41 per cent and 46 per cent of the total voters of the State. The total number of voters for the general election to Lok Sabha in 1980 were 138 lakhs, as against 126 lakhs and 109 lakhs, during the election, held in 1977 and 1971 respectively. The total valid votes polled, during 1971 were 44 lakhs which increased to 54 lakhs and 61 lakhs during 1977 and 1980 respectively, constituting 41 per cent, 43 per cent and 44 per cent of the total voters.

During the elections to State Assembly held in 1977, 609 candidates belonged to 7 different political parties, contested, from which Janata Party had won in 110 constituencies but in 1980, Congress-I had won in majority of constituencies, among 733 candidates of 13 different parties, contesting the election. As regards the election to Lok Sabha in 1977, 61 candidates of 5 different parties contested and Bharatiya Lok Dal had won 15 out of 21 seats, Congress-I had won in 20 constituency out of 21 in the 1980 election for which 110 candidates of 6 different parties had contested.

## XXV. ELECTION

Table No. 25-01

General information for State Assembly Elections in the State of Orissa

Year of Election/ District	Number of constituencies				Total number of Voters in '000
	General	S. C.	S. T.	Total	
(1)	(2)	(3)	(4)	(5)	(6)
1974	91	22	34	147	11,883
1977	91	22	34	147	12,666
1980	91	22	34	147	13,909
1974					
Balasore	10	2	..	12	988
Balangir	6	2	..	8	733
Cuttack	21	5	..	26	2,192
Dhenkanal	7	2	..	9	728
Ganjam	12	2	1	15	1,287
Kalahandi	5	2	1	8	519
Keonjhar	1	1	4	6	456
Koraput	3	1	10	14	1,022
Mayurbhanj	1	..	9	10	754
Phulbani	1	1	2	4	336
Puri	14	2	..	16	1,329
Sambalpur	8	2	2	12	1,016
Sundargarh	2	..	5	7	523
1977					
Balasore	10	2	..	12	1,066
Balangir	6	2	..	8	690
Cuttack	21	5	..	26	2,342
Dhenkanal	7	2	..	9	775
Ganjam	12	2	1	15	1,360
Kalahandi	5	2	1	8	619
Keonjhar	1	1	4	6	489
Koraput	3	1	10	14	1,106
Mayurbhanj	1	..	9	10	796
Phulbani	1	1	2	4	352
Puri	14	2	..	16	1,417
Sambalpur	8	2	2	12	1,089
Sundargarh	2	..	5	7	565

## XXV. ELECTION

Table No. 25-01

General information for State Assembly Elections in the State of Orissa

Year of Election/ Districts	Number of Constituencies				Total number of Voters in '000
	General	S. C.	S. T.	Total	
(1)	(2)	(3)	(4)	(5)	(6)
1980					
Balasore	10	2	..	12	1,180
Balangir	6	2	..	8	749
Cuttack	21	5	..	26	2,618
Dhenkanal	7	2	..	9	857
Ganjam	12	2	1	15	1,478
Kalahandi	5	2	1	8	657
Keonjhar	1	1	4	6	547
Koraput	3	1	10	14	1,193
Mayurbhanj	1	..	9	10	845
Phulbani	1	1	2	4	375
Puri	14	2	..	16	1,578
Sambalpur	8	2	2	12	1,196
Sundargarh	2	..	5	7	638

Year/ District	Number of parties contested	Number of candidates contested	Total number of valid votes polled ('000)	Percentage of valid votes polled to total votes	Number of votes become invalid (in '000)	Name of the party won majority of seats
(1)	(7)	(8)	(9)	(10)	(11)	(12)
1974	10	714	5,732	48.23	354	Cong.
1977	7	609	5,141	40.58	141	Janata
1980	13	733	6,357	45.70	192	Cong.-I
1974						
Balasore	9	55	626	63.36	27	Cong.
Balangir	4	30	325	44.38	27	Swatantra
Cuttack	10	133	1,349	61.54	57	Cong.
Dhenkanal	7	51	307	42.25	25	Cong.-7
Ganjam	7	55	688	53.47	37	Cong.-7
Kalahandi	8	37	237	45.73	25	Swantra
Keonjhar	5	34	177	38.93	12	Cong. U.C.-3
Koraput	5	48	306	29.96	32	Cong.-7
Mayurbhanj	9	55	296	39.22	21	I. N. C.-6
Phulbani	6	22	115	34.38	9	I. N. C.-3
Puri	9	94	692	52.02	35	Cong.-7
Sambalpur	7	53	392	38.59	33	Cong-7
Sundargarh	6	47	220	41.96	16	Cong.-6

## XXV. ELECTION

Table No. 25-01

General information for Assembly Election in the State of Orissa

Year/District	Number of parties contested	Number of candidates contested	Total number of valid votes polled ('000)	Percentage of valid votes polled to total votes	Number of votes became invalid ('000)	Name of the party won majority of seats
(1)	(7)	(8)	(9)	(10)	(11)	(12)
1977						
Balasore ..	5	43	517	48.50	10	Janata
Balangir ..	4	37	228	33.10	8	Janata-5
Cuttack ..	5	110	1,169	49.92	21	Janata-24
Dhenkanal ..	4	31	300	38.63	8	Janata-8
Ganjam ..	4	58	640	47.03	18	Janata-9
Kalahandi ..	3	35	229	37.03	10	I. N. C.-5
Keonjhar ..	3	30	125	25.49	3	Janata-6
Koraput ..	3	39	307	27.78	16	Janata
Mayurbhanj ...	6	52	238	29.88	6	Janata-8
Phulbani ..	3	13	128	36.45	5	Janata-3
Puri ..	6	85	669	47.22	17	Janata-12
Sambalpur ..	5	48	395	36.29	13	Janata-10
Sundargarh ..	7	28	195	34.45	7	Janata-6
1980						
Balasore ..	12	64	665	56.32	13	Cong. (I)
Balangir ..	7	48	299	39.96	13	Cong.(I)-7
Cuttack ..	10	120	1,477	56.43	30	Cong.(I)-18
Dhenkanal ..	9	43	374	43.68	12	Cong.(I)-5
Ganjam ..	8	60	729	49.32	22	Cong.(I)-1
Kalahandi ..	6	46	266	40.46	12	Cong.(I)-7
Keonjhar ..	7	32	196	35.85	7	Cong.(I)-4
Koraput ..	7	49	336	28.17	18	Cong.(I)-13
Mayurbhanj ..	7	49	301	35.59	10	Cong.(I)-9
Phulbani ..	6	18	145	38.52	6	Cong.(I)-4
Puri ..	10	91	878	55.63	24	Cong.(I)-14
Sambalpur ..	8	60	466	38.99	18	Cong.-12
Sundargarh ..	10	53	225	35.31	9	Cong.(I)-7

SOURCE—Home (Elections) Department, Orissa



## XXV. ELECTION

Table No. 25'02

General information for Lok Sabha Elections in the State of Orissa

Year/Election/District	Number of Constituencies				Total number of voters id ' 000
	General	S. C.	S. T.	Total	
(1)	(2)	(3)	(4)	(5)	(6)
1971 ..	12	3	5	20	10,864
1977 ..	13	3	5	21	12,645
1980 ..	13	3	5	21	13,848
1971 —					
Balasore ..	1	1	..	2	1,126
Balangir ..	1	..	..	1	502
Cuttack ..	2	1	..	3	1,793
Dhenkanal ..	2	..	..	2	1,079
Ganjam ..	2	..	..	2	1,120
Kalahandi ..	1	..	..	1	437
Keonjhar ..	..	..	1	1	481
Koraput —	..	..	2	2	1,083
Mayurbhanj ..	..	..	1	1	491
Phulbani ..	..	1	..	1	515
Puri ..	2	..	..	2	1,141
Sambalpur —	1	..	..	1	573
Sundargarh ..	..	..	1	1	523
1977—					
Balasore ..	1	1	..	2	1,230
Balangir ..	1	..	..	1	572
Cuttack ..	3	1	..	4	2,518
Dhenkanal ..	1	..	..	1	590
Ganjam ..	2	..	..	2	1,266

## XXV. ELECTION

Table No. 25-02

General information for Lok Sabha Elections in the State of Orissa

Year/Election District	Number of Constituencies				Total number of voters in '000
	General	S. C.	S. T.	Total	
(1)	(2)	(3)	(4)	(5)	(6)
Kalahandi ..	1	..	..	1	542
Keonjhar ..	..	..	1	1	561
Koraput ..	..	..	2	2	1,104
Mayurbhanj ..	..	..	1	1	558
Phulbani ..	..	1	..	1	634
Puri ..	2	..	..	2	1,233
Sambalpur ..	2	..	..	2	1,272
Sundargarh ..	..	..	1	1	564
1980—					
Balasore ..	1	1	..	2	1,350
Balangir ..	1	..	..	1	621
Cuttack ..	3	1	..	4	2,797
Dhenkanal ..	1	..	..	1	645
Ganjam ..	2	..	..	2	1,366
Kalahandi ..	1	..	..	1	577
Keonjhar ..	..	..	1	1	620
Koraput ..	..	..	2	2	1,198
Mayurbhanj ..	..	..	1	1	593
Phulbani ..	..	1	..	1	679
Puri ..	2	..	..	2	1,374
Sambalpur ..	2	..	..	2	1,403
Sundargarh ..	..	..	1	1	634

## XXV. ELECTION

Table No. 25-02

General information for Lok Sabha Election in the State of Orissa

Year/District	Number of parties contested	Number of candidates contested	Total number of valid votes polled in ('000)	Percentage of valid votes polled to total votes	Number of votes became invalid in '000	Name of the party won majority of seats
(1)	(7)	(8)	(9)	(10)	(11)	(12)
1971 ..	6	85	4,428	40.75	283	Cong.
1977 ..	5	61	5,394	42.65	210	B. L. D.
1980 ..	6	110	6,129	44.26	258	Cong. I
1971						
Balasore ..	6	9	542	48.13	60	Cong.-2
Balangir ...	4	4	202	40.25	12	Swatantra
Cuttack ..	5	12	935	52.14	43	Cong.
Dhenkanal ..	5	9	397	36.77	22	Cong.-I
Ganjam ..	2	7	496	44.24	19	Cong.
Kalahandi ..	5	6	157	35.86	12	Swatantra
Keonjhar ..	4	4	147	30.43	8	Cong.-I
Koraput ..	4	6	294	27.13	19	Cong.-2
Mayurbhanj ..	5	5	175	35.66	9	Cong.
Phulbani ..	4	4	152	29.47	30	Cong.
Puri ..	6	8	542	47.47	27	Cong.-I
Sambalpur ..	3	6	196	34.21	10	Cong.-I
Sundargarh ..	5	5	195	37.29	12	Cong.
1977—						
Balasore ..	3	5	668	54.26	19	B. L. D.-2
Balangir ..	2	2	221	38.53	12	B. L. D.-1

## XXV. ELECTION

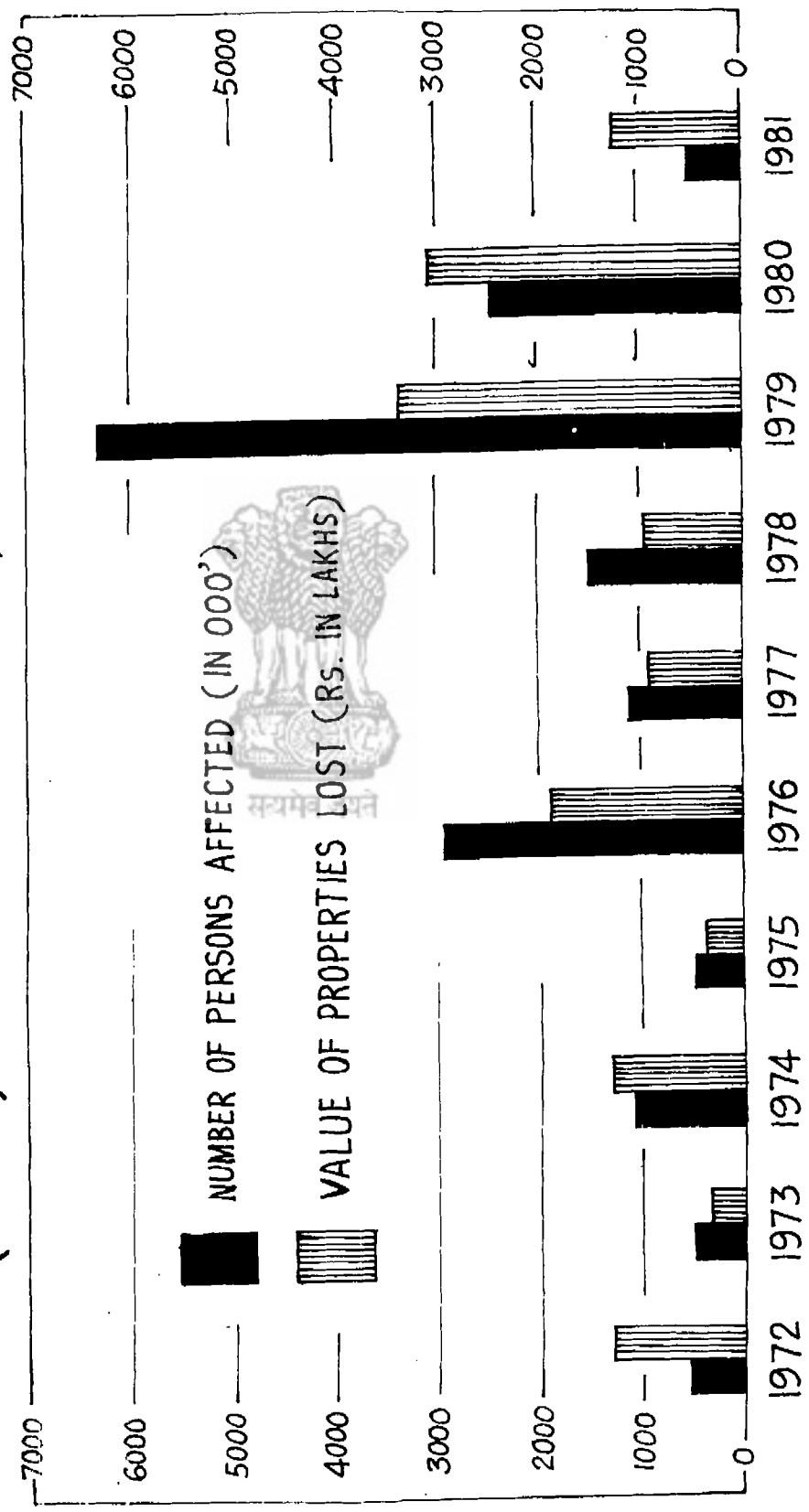
Table No. 25-02—Concl'd.

## General Information for Lok Sabha Elections in the State of Orissa

Year/District	Number of parites contested	Number of candidates contested	Total Number of valid votes polled in ( '000)	Percentage of valid votes polled to total votes	Number of votes became invalid in ('000)	Name of the party won majority of seats
(1)	(7)	(8)	(9)	(10)	(11)	(12)
Cuttack	5	13	1,42	56.19	38	B. L. D. 4
Dhenkanal	3	3	25.2	42.73	9	B. L. D. 1
Ganjam	4	8	49.7	39.28	19	I. N. C. 2
Kalahandi	2	2	1.82	33.64	11	I. N. C. 1
Keonjhar	3	3	1.88	33.55	7	B. L. D. 1
Koraput	2	4	2.77	25.05	20	I. N. C. 2
Mayurbhanj	4	4	2.07	37.07	8	B. L. D. 1
Phulbani	3	3	2.01	31.72	8	B. L. D. 1
Puri	4	5	5.27	42.75	19	B. L. D. 1 C. P. M. 1
Sambalpur	3	5	5.44	42.75	29	B. L. D. 2
Sundargarh	4	4	2.15	38.15	11	B. L. D. 1
1980 —						
Balasore	6	12	7.61	56.32	22	Cong. I 2
Balangir	4	4	2.54	40.88	15	Cong. I 1
Cuttack	5	17	15.70	56.14	46	Cong. I 3
Dhenkanal	4	6	2.89	44.77	13	Cong. I 1
Ganjam	5	10	5.71	41.80	23	Cong. I 2
Kalahandi	4	4	2.49	43.16	15	Cong. I 1
Keonjhar	3	3	1.84	29.67	10	Cong. I 1
Koraput	5	8	3.08	25.89	20	Cong. I 2
Mayurbhanj	4	4	1.86	31.31	9	Cong. I 1
Phulbani	4	5	2.54	37.33	12	Cong. I 1
Puri	5	11	6.36	46.32	22	Cong. I 2
Sambalpur	6	19	6.16	43.93	37	Cong. I 2
Sundargarh	6	7	2.52	39.71	14	Cong. I 1

Source—Home Department (Election), Orissa

# NUMBER OF PERSONS AFFECTED & VALUE OF PROPERTIES DAMAGED BY NATURAL CALAMITIES (FLOOD, DROUGHT & CYCLONE) IN ORISSA



## XXVI. NATURAL CALAMITY

Natural calamity like Flood, Cyclone, Drought etc., have almost become an annual phenomena in the State. In the last three years Orissa faced a series of natural calamities. Causing damages to Public and Private properties in vaying degrees and deaths and injuries to human lives and animals. There was serious flood, drought and Cyclone in some parts of the State during the year 1981. Relief, rehabilitation and restoration measures have been taken in time. Although the natural calamities have affected the development programmes to some extent these have strengthened Orissa resolve to march forward.

In the month of April 1981 a tornado struck 12 villages in Kconjhar district and 9 villages in Mayurbhanj district killing 40 human lives damaging 809 houses, 931 families covering the total population of 6,336 were affected and there was damage to the public properties to the extend of Rs. 9.83 lakhs. The Floods in Rivers Baitarani, Kochila, Genguti and Bdudhabalang in Balasore district during the month of June 1981, affected 362 villages in the three Blocks covering cultivated area of 26,655 hectares with an estimated crop loss of about 6 lakhs.

In the month of August 1981 there was also flood in major rivers, Vansadhara, Rusikulya and Indrabati. Due to wide spread rain almost all of the State on account of a cyclonic storm centred around 250 Kms. East-South of Gopalpur. Due to floods in these rivers a total area of 22 thousand hectares of cultivated land have been sand cast in the districts of Puri, Ganjam and Phulbani. In all 47 Blocks in the State were affected covering 107 villages where crop area damaged was 3.7 thousand hectares.

In the year 1981 value of properties lost and damaged due to natural calamities was Rs. 12.6 crores as against Rs. 30.5 crores in the preceding year. Highest number of human beings numbering to 966 were injured during the year 1981. Highest number of persons numbering to 139 were killed during the year 1972 and highest number of persons involved were 28.6 lakhs in the year 1976 during the last decade. Value of properties damaged on account of fire accidents in the State was Rs. 3.73 crores during the year 1981 as against Rs. 3.20 crores in the previous year, affecting number of houses 27.5 thousand and 30.1 thousand respectively. Among the districts, value of properties damaged and number of houses affected were highest in Cuttack, Dhenkanal and Ganjam districts during the year 1981.



## XXVI. NATURAL CALAMITY

Table No. 26-01

Properties damaged, deaths and injuries caused, by the Flood, Drought and Cyclone in Orissa

Year/District	Type of calamities occurred	Number of persons involved in the Calamities	Number of human beings lost	Number of human beings injured (in lakhs of Rs.)	Value of property lost and damaged
1	(2)	(3)	(4)	(5)	(6)
1972	.. Flood, Cyclone, Drought thunder ..	474,780	139	2	1,289
1973	.. Fire, Cyclone, Flood and Drought ..	434,877	17	11	291
1974	.. Drought cyclone, Flood, Fire, Strom, Thunder	1,072,160	24	5	1,289
1975	.. Flood, Fire, Cyclone ..	432,902	45	7	344
1976	.. Drought, Flood, Strom, thunder, Fire.	2,859,402	65	14	1,791
1977	.. Flood, Drought, Fire, Cyclone, Lightening.	1,194,550	71	8	922
1978	.. Flood, Drought, Strom, Thunder, Fire.	1,530,368	101	383	959
1979	.. Flood, Cyclone, Drought Strom ..	6,323,461	51	11	3,257
1980	.. Flood, Drought, Fire, Lightening, Cyclone.	2,442,860	136	53	3,054
1981	.. Flood, Drought, Fire, Lightening, Cyclone.	616,834	109	966	1,256
1981—					
1. Cuttack	.. Cyclone, Strom ..	..	1	189	73
2. Dhenkanal	.. Cyclone, Strom, Drought, Fire, Lightening.	576,000	6	..	884
3. Ganjam	.. Flood, Cyclone, Strom, Tornado ..	38,188	..	..	246
4. Keonjhar	.. Hail strom, Cyclone ..	758	43	723	1
5. Koraput	.. Fire, havoc, Boad disaster, Lightening cyclone.	..	21	..	11
6. Mayurbhanj	.. Cyclone, Fire, Lightening ..	1,875	28	51	41
7. Sundargarh	.. Lightening, thunder ..	13	10	3	..

SOURCE—District Magistrates

## XXVI. NATURAL CALAMITY

Table No. 26-02

Properties damaged, deaths and injuries caused by fire accident in Orissa

Year/ District		No. of Calls Received	No. of Calls attended	No. of houses affected
(1)		(2)	(3)	(4)
1972	..	2,565	2,532	76,159
1973	..	2,310	2,272	32,032
1974	..	2,634	2,570	44,334
1975	..	2,338	2,262	38,276
1976	..	3,145	3,034	53,230
1977	..	2,893	2,875	27,369
1978	..	2,329	2,322	20,529
1979	..	3,003	2,985	42,062
1980	..	4,172	4,154	33,057
1981	..	3,557	3,550	27,521
1981—				
Balasore	..	354	354	2,122
Balangir	..	98	97	40
Cuttack	..	615	615	6,729
Dhenkanal	..	411	411	9,938
Ganjam	..	522	520	3,672
Kalahandi	..	53	53	23
Keonjhar	..	112	112	275
Koraput	..	242	242	1,633
Mayurbhanj	..	210	206	239
Phulbani	—	82	82	172
Puri	..	151	151	1,941
Sambalpur	..	201	201	699
Sundargarh	..	506	506	45



## XXVI. NATURAL CALAMITY

Table No. 26-02—Concl'd.

Properties damaged, deaths and injuries caused by fire accident in Orissa

Year/District (1)	Value of property in lakhs of Rs.		No. of lives lost	
	Damaged (5)	Saved (6)	Human (7)	Animals (8)
1972	.. 1,275	1,851	37	319
1973	.. 221	467	13	148
1974	.. 491	984	23	267
1975	.. 4,385	1,193	41	176
1976	.. 392	2,197	68	238
1977	.. 373	969	27	262
1978	.. 184	431	24	114
1979	.. 645	1,171	40	380
1980	.. 320	1,322	23	243
1981	.. 373	1,365	33	166
1981—				
Balasore	.. 3613	6850	4	4
Balangir	.. 790	9810	..	13
Cuttack	.. 8138	96391	..	44
Dhenkanal	.. 8874	29128	..	..
Ganjam	.. 6130	25315	13	36
Kalahandi	.. 194	3249	..	..
Keonjhar	.. 2859	9812	..	..
Koraput	.. 1477	3954	4	10
Mayurbhanj	.. 900	2076	1	38
Phulbani	.. 446	1696	..	..
Puri	.. 1771	3592	2	8
Sambalpur	.. 1073	3813	9	13
Sundargarh	.. 1009	838	..	..

SOURCE—Station Officers of different fire stations