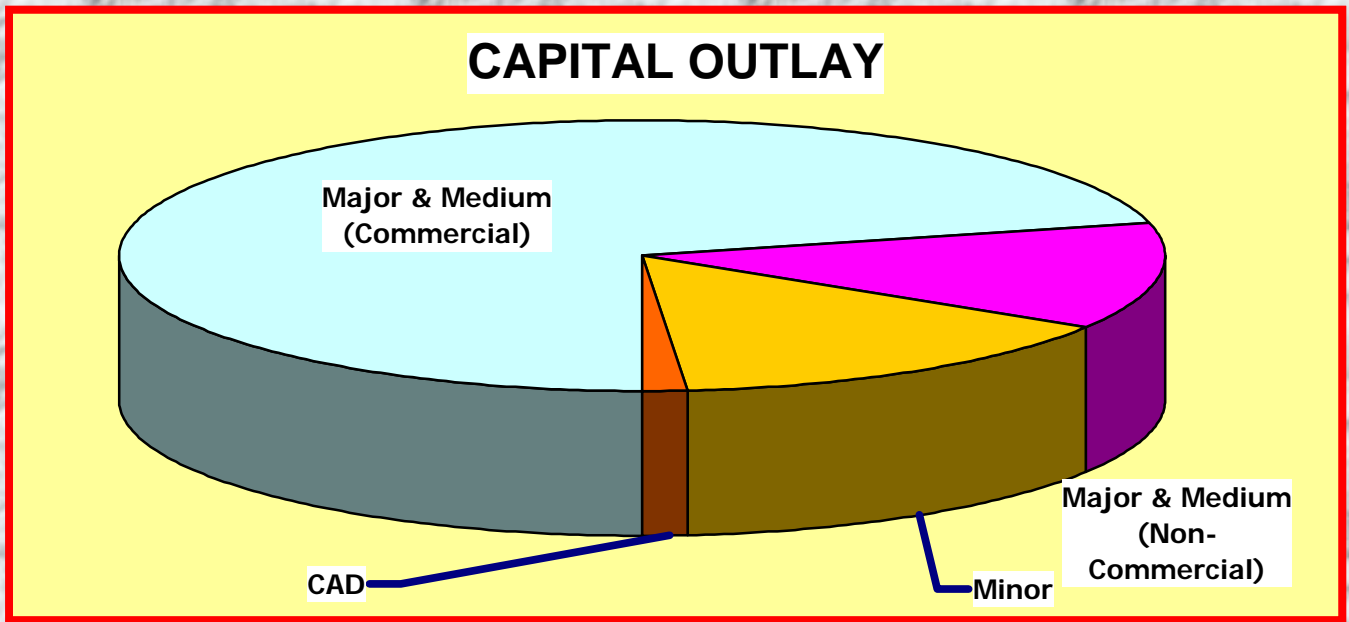


भारत में सिंचाई परियोजनाओं के वित्तीय पहलू

# FINANCIAL ASPECTES OF IRRIGATION PROJECTS IN INDIA



सूचना तकनीकी निदेशालय  
सूचना प्रणाली संगठन  
जल आयोजन एवं परियोजना स्कंध  
केन्द्रीय जल आयोग

INFORMATION TECHNOLOGY DIRECTORATE  
INFORMATION SYSTEMS ORGANISATION  
WATER PLANNING & PROJECTS WING  
CENTRAL WATER COMMISSION

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## **FOREWORD**

Irrigation Systems in India are largely maintained and managed by the Government. The operational efficiency however, hinges on the availability of requisite finances for the operation and management of the system on a self-sustainable basis. However, while public funds have been able to create large infrastructure for water resources development and its availability, it has not been possible to derive optimal benefits from the operation of the executed projects for want of adequate finances.

It is now being increasingly realised that for operational and management efficiency of the system, the general tax payers are not to be burdened and the system should be able to generate necessary funds from the revenue realized from the users for the services received by them. In practice, however, the revenue realised is grossly inadequate even to cover up for the day to day operational expenses. A rationalisation of the charges to be levied for different category of users for the services is therefore earnestly required for efficiency and equity.

It is in this context that the analysis of the financial performance is important to get an insight into the factors responsible for low performance. The Publication is intended to provide data on various financial parameters in particular having bearing on the operation and management of the system in a form usable by the researchers, analysts, programme administrators and managers for the further analysis and review. The analysis and findings as presented in the Publication have several important policy implications requiring action of State Govts., Comptroller & Auditor General of India and the Accountant General of States. It is expected that the same will receive due consideration by all concerned.

It is expected that the publication will be of use and interest to all those involved in water resources development.

New Delhi  
May,2005

**( R.Jeyaseelan )**  
Chairman, CWC

## **PREFACE**

The Water Resources Projects have an important role in the development and ensuring availability of water for diverse uses. The Financial Performance Analysis is important for assessment of economic viability and long term sustainability of the projects particularly so in the context of developing countries like ours for optimal utilization of limited sources. Such an analysis also assumes significance and importance for justification of huge public investment being made in the execution of these projects.

The Central Water Commission being the apex nodal agency in the water resources sector with overall responsibility for its development has been paying adequate attention to this aspect. Keeping in view the importance and role of the Financial Performance analysis in levying of charges for use of the services by the users vis-à-vis expenses on various components, the Central Water Commission has been regularly documenting the data on Financial aspects of Irrigation and Multipurpose River Projects. The present issue updates data from 1990-91 to 2001-02 covering Major & Medium Irrigation Projects. Minor Schemes and CAD Programme.

The basic source of the data for the Publication are the Finance and Revenue Accounts of the Union Government and State Governments brought out by the Comptroller and Auditor General of India and Accountant Generals of States respectively, which present audited voted figures of expenses and receipts on various activities of State and Central Government.

The collection, collation and compilation of the comprehensive material for the present Publication has been undertaken by IT Directorate (Financial Performance Unit) in Information System Organisation. Sh. R.K. Bhatnagar, Director, Sh. K.L. Goyal, Deputy Director, D.L. Sabharwal, Ex-Asstt. Director and Staff members of Financial Performance Unit have done an excellent job under the guidance of Shri. K.A.D. Sinha, Adviser (ISO) for finalizing the Publication and giving it a presentable shape. Thanks are also due to the officials in the office of Comptroller and Auditor General of India and State Accountant Generals for supply of data.

Improvement is a continuous process. Suggestions for improvement are welcome.

New Delhi  
May, 2005

( **Baljeet Singh Ahuja** )  
Member (WP&P)

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# **INTRODUCTION**

## **INTRODUCTION**

The Water Resources Planning, development and management is of utmost concern to the water resource planners, administrators and managers. The water resources projects have an important role in the development and ensuring availability of water for diverse uses. This has also become particularly important in the context of day to day per capita declining availability of water and its uneven distribution both in space and time.

The water resources projects in India are largely developed, executed and managed by the Government. The State Governments are primarily responsible for planning, implementation and management of the projects. However, the Central Water Commission being the apex nodal agency in water resources sector has the overall responsibility for its development and technical clearance and monitoring of the major and medium projects. In view of water resources projects being largely funded by the Government from Public funds, the financial performance analysis assumes made in the development of these projects. The financial performance analysis is also important for assessment of the economic viability and long term sustainability of the projects particularly so in the context of developing countries like India for optimal utilization of limited resources. The financial performance analysis provides a tool for a critical analysis of the expenditure on various components and the return generated from the operation of the project.

The Publication is intended to provide data on various financial parameters in particular having bearing on the operation and management of the system in the form as required by the researchers, analysis, programme administrators and managers for further analysis and review. As such keeping in view the importance and the role of financial performance analysis, the Information System Organisation in the Central Water Commission has been regularly collecting, compiling and documenting the data of Financial Aspects of Irrigation and Multipurpose River Projects. The earlier issue of the Publication was brought out in 1990. The present issue updates data from 1990-91 to 2001-02 covering Major & Medium Irrigation Projects, Minor Irrigation Schemes and CAD Programme.

The Publication has Six Sections including a Section (Section-F) Charts and Graphs depicting the essence of information presented in earlier sections. In Sections A to E detailed all-India and State-wise data on Capital Investment, Working Expenses along with component wise break up and Gross Receipts have been presented separately for Major & Medium Irrigation Projects (Commercial as well as Non-Commercial), Minor Irrigation Schemes and Cad Programmes. The Commercial Projects as per the definition being followed by the Comptroller & Auditor General of India and State Accountant Generals relate to the projects costing Rs.25 lakhs and more and the rest are categorized as non-commercial.

Major observations of salient findings of the analysis of the data and policy Implications have been summarized separately under "Executive Summary and Policy Implications" Chapter appearing at the beginning of the Publication.

**EXECUTIVE SUMMARY  
&  
POLICY IMPLICATIONS**

## EXECUTIVE SUMMARY & POLICY IMPLICATIONS

### EXECUTIVE SUMMARY

Given the dynamic role of water in all day-to-day human endeavours, water is of vital importance not only for all round economic development but even for the survival of our economy. In our country Water Resources Development Projects aimed at making availability of water for diverse uses, are being largely executed, operated, managed and maintained by the Government. We have undoubtedly made a remarkable achievement in the development of Water Resources Projects since independence funded by the financial resources provided by the Government from the public funds. We have however, not been able to derive optimal benefits from the executed projects primarily because we have not been able to effectively look after the proper operation, maintenance and management of the system again primarily because of the lack of adequate finances which the States are unable to provide in view of compelling necessities and requirements of other sectors as well. Ironically, even whatsoever funds that are available for the operation, maintenance and management of the system, the major portion is being consumed on the establishment expenses. It has to be realised that in view of compelling economic constraints, the requisite finances for an effective operation, maintenance and management of the system have to be got generated from the revenue realised from the charges levied for the use of service(s) availed by the users. A rational charge structure is, therefore, imperative both in the interest of equity and efficiency. There have also been significant gaps in assessed revenue and the revenue actually realised. The efforts will also be desirable to minimize the existing gap between the two.

The non-availability of the requisite data in the required form on various financial parameters has also proved a handicap for a proper assessment. As on date the Finance and Revenue Accounts of the Union and the State Governments brought out by the Comptroller and Auditor General of India and the Accountant General of the States is the only source of the data. The first and the foremost limitation of the data is that the establishment expenses (expenses on Direction & Administration) as shown in these statements do not reflect the total establishment expenses and exclude expenses on wages etc. of work charge staff/daily wagers which are getting clubbed under Miscellaneous Expenditure head for technical reasons. It is considered desirable that these expenses are also shown separately as they constitute a significant proportion of establishment (Direction & Administration) expenses. There is also a lack of uniformity in the sub head for expenditure on Working Expenses being followed for Major & Medium Projects vis-à-vis Minor Irrigation Schemes and CAD Projects. It is desirable that a uniform sub head is followed. Again the financial statement of CAG and Accountant General of the States presents only macro (State) level data. The Project wise data is also very important to programme administrators managers researchers and analysts. It may, therefore, be desirable to have the project wise data at least for large projects also published by CAG and Accountant General of the States as Annexure to the main report. Finally, the Finance Account presents the Capital outlay during the year and Cumulative upto the end of the year. It is, however, not clear the period to which the cumulative Capital Outlay figures relate to. It will be desirable that the specific period to which the cumulative Outlay relates is also clearly specified in the Finance Account Statements.



## **POLICY IMPLICATIONS**

- (i) Lack of availability of adequate finance which the Government is finding difficult to provide because of pressing commitments from other sector as well is severely affecting the operation, maintenance and the management of the system. As a result it has not been possible to derive optimal benefits from the operation of the executed projects. The system has therefore to be made self sustainable by ensuring generation of needed equivalent revenue for an effective operation, maintenance and management of the system out of revenue realised from the collection of charges from the users themselves for uses of the services provided without putting any burden on the public.
- (ii) The establishment expenses account for a significant proportion of the funds provided for operation & maintenance of the system. There is an imperative need to cut down establishment expenses so as to ensure availability of funds for operation & maintenance aspects. A review should be undertaken by all the States/Project authorities and suitable norms laid down on the subject.
- (iii) The expenses on salary etc of work charge Staff/daily wagers are not included under the establishment expenses in the Finance Accounts of the States and these may be getting clubbed under "Miscellaneous Expenses" for technical reasons. In view of salary etc of work charge staff/daily wagers accounting for a significant proportion of establishment expenses, these expenses should be shown separately in the Finance Accounts.
- (iv) The Financial Statements of CAG and the Accountant General of the States present only macro (State) level data. Keeping in view the importance of project wise data to programme administrators, managers, researchers and analysts, it is desirable to have the project wise data also, at least for large projects, published by CAG and the Accountant General of the States as Annexure to the main report.

## **SALIENT FINDINGS (1992-93 TO 2001-02)**

- (i) The Major & Medium Projects accounted for 86.06% of the capital invested (Capital Outlay) followed by Minor Irrigation Schemes 12.35% and CAD Projects 1.59%.
- (ii) The Working Expenses accounted for 49.86% of the total expenditure of (Capital Outlay plus Working Expenses) for Major & Medium Projects followed by 67.71% for Minor Irrigation Schemes and 73.67% for CAD Projects.
- (iii) a) The Establishment expenses (expenditure on Direction & Administrative) constituted a significant proportion of recurring Working Expenses. The States incurring on an average more than 50% of Working Expenses on Direction & Administration (Major & Medium, Minor and CAD Programmes combined) included Goa (60.78%), J&K (64.62%), Meghalaya (59.15%) and Tripura (53.96%) during the period 1992-93 to 1996-97. These States also had on an average more than 50% utilization of Working Expenses on Direction & Administration during 1997-98 to 2001-02 as well; their respective position being Goa (53.92%), J&K (81.39%), Meghalaya (72.37%) and Tripura (56.22%) with only the State of Goa registering a slight decline.  
  
b) The percent utilisation of Working Expenses on Direction & Administration ranged between 25% to 50% for the States namely Manipur (33.64%), Mizoram

(34.82%) and Madhya Pradesh (46.61%) during 1992-93 to 1996-97. In the later period from 1997-98 to 2001-02 the percentage position remained almost similar in Manipur (36.43%) but it in the State of Madhya Pradesh (57.65%) it further increased while in the State of Mizoram (15.4%) it slightly declined.

c) Likewise for the States of Arunachal Pradesh (19.78%), Assam (22.18%), Delhi (13.89%), Haryana (17.94%), Himachal Pradesh (24.81%), Nagaland (20.16%), Orissa (14.13%), Sikkim (17.68%) and West Bengal (12.81%), the percent utilisation of the Working Expenses on Direction & Administration remained between 10% to 25% during 1992-93 to 1996-97. In the subsequent period of 1997-98 to 2001-02 the position remained almost similar in the State of Delhi (15.76%), Haryana (23.98%), Nagaland (18.90%) and Orissa (23.29%). However, for the States of Arunachal Pradesh (36.28%), Assam (42.81%), Himachal Pradesh (28.57%) and Sikkim (41%) the percentage utilisation of Working Expenses on Direction & Administration had further increased. In the case of West Bengal (8.71%) the expenses on Direction & Administration has, however, declined.

d) During the period 1992-93 to 1996-97 upto 10% of the Working Expenses was made on Direction & Administration in the States of Arunachal Pradesh (2.92%), Bihar (1.65%), Gujarat (6.52%), Karnataka (5.39%), Kerala (8.38%), Pondicherry (4.43%), Punjab (0.63%), Rajasthan (1.93%), Tamil Nadu (0.33%) and Union Government (UTs excluding Pondicherry) (3.93%). Similar trend in the amount of Working Expenses on Direction & Administration was maintained by these States during the subsequent period of 1997-98 to 2001-02 as well. However in Bihar the percentage share of Working Expenses on Direction & Administration slightly increased from 10% to 12.42%, seven States viz. Goa, Gujarat, Maharashtra, Mizoram, Nagaland, Rajasthan and West Bengal have however, registered a slight reduction in the percentage of Working Expenses incurred on Direction & Administration during 1997-98 to 2001-02 as compared to the level in 1992-93 to 1996-97.

e) At the national level the percentage of the component of Direction & Administration out of the Working Expenses on an average was 7.34% during 1992-93 to 1996-97 and 12.40% during 1997-98 to 2001-02 for the Major & Medium, Minor Irrigation and CAD Projects combined.

- (iii) The average annual revenue realisation as percentage of Working Expenses accounted for a meagre average annual 8.77% during 1992-93 to 1996-97 and 6.16% during 1997-98 to 2001-02.
- (iv) The analysis of the State-wise data indicates that Nine States namely Andhra Pradesh, Bihar, Gujarat, Karnataka, Madhya Pradesh, Maharashtra, Orissa, Rajasthan and Uttar Pradesh have together incurred substantial capital expenditure aggregating to almost 80% in all the years during the period from 1990-91 to 2001-02 on Major & Medium Irrigation Projects. In case of Minor Irrigation Schemes, the Thirteen States namely Andhra Pradesh, Assam, Haryana, Himachal Pradesh, Karnataka, Madhya Pradesh, Maharashtra, Orissa, Rajasthan, Uttar Pradesh, West Bengal, Bihar and Gujarat together account for almost 80% of the capital expenditure. Like wise in case of CAD Programme, the States of Andhra Pradesh, Assam, Madhya Pradesh, Punjab, Himachal Pradesh, Rajasthan and West Bengal together account for almost 80% of the capital expenditure during the same period.

## OTHER EMERGING OBSERVATIONS

1. The capital outlay during the years from 1990-91 to 2001-02 and the working expenses for the same years at national level and in most of the States show an upward trend for Major & Medium Irrigation Projects, Minor Irrigation Schemes as well as CAD Programme alike. For Major & Medium Irrigation Projects, the capital outlay during the year 1990-91 was Rs.30556.91 crore which rose to Rs.93898.15 crore in the year 2001-02 showing an increase of around 207%, the Working Expenses during the same period increased from Rs.2452.20 crore to Rs.8249.69 crore registering a hike of around 236%. Similarly, in case of Minor Irrigation Schemes, the capital outlay shot up from Rs.5459.45 crore in the year 1990-91 to Rs.14611.21 crore in the year 2001-02 showing an increase of around 167%, the Working Expenses during the same period increase from Rs.974.80 crore to Rs.2098.90 crore registering a hike of around 115%. During 1990-91 to 2001-02, the capital outlay and Working Expenses for CAD Programme recorded an increase from level of Rs.461.81 crore to Rs.1648.99 crore and from Rs.204.98 crore to Rs.354.54 crore respectively thereby showing hike of around 257% and around 73% respectively.
2. Capital Outlay under Major & Medium Irrigation Projects during the period from 1990-91 to 2001-02 has depicted average annual growth rate of 10.75% at nation level; correspondingly the Working expenses and Gross Receipts have grown at average annual rate of 11.85% and 13.11% respectively. For the Major & Medium Irrigation Projects the average annual rate of recovery of Working expenses through Gross Receipts during the same period has been around 8%.
3. The Capital Outlay, working Expenses and Gross Receipts under Minor Irrigation Schemes during the period from 1990-91 to 2001-02 have delineated average annual growth rate of 9.37%, 9.48% and 8.00% respectively at national level. The average annual rate of recovery of Working expenses through Gross Receipts under Minor Irrigation Schemes during the same period has been around 5%. The average annual growth rates of 12.29% and 5.61% have been registered for Capital Outlay and working Expenses under CAD Programme during the period from 1990-91 to 2001-02. No Gross Receipts are reported under CAD Programme.
4. The Gross receipts in respect of Nine States for Major & Medium Irrigation Projects and Thirteen States for Minor Irrigation Schemes accounted for 70% of total collection in all the years during the period from 1990-91 to 2001-02.
5. During the period 1990-91 to 2001-02, the aggregated Working Expenses in Nine States for Major & Medium Projects and Thirteen States for Minor Irrigation Schemes in all the years have exceeded 80% and 60% respectively.
6. New States of Jharkhand, Uttaranchal and Chhattisgarh were carved out of the erstwhile Bihar, Uttar Pradesh and Madhya Pradesh during 2000-01. For Major & Medium Irrigation Projects while Rs.671893.42 lakhs still remains un-apportioned capital outlay between Uttar Pradesh and Uttaranchal, an amount of Rs.133251.75 lakhs also remains un-apportioned capital outlay between Madhya Pradesh and Chhattisgarh. The un-apportioned capital between Bihar and

7. Jharkhand however, continues to appear wholly in the Finance Accounts of Bihar as per audited figures of Accountant General of Bihar. In case of Minor Irrigation Schemes an amount of Rs.6363.24 lakh has been transferred from Madhya Pradesh to Chhattisgarh and as per the Finance Accounts for 2000-01, there has been an unallocated amount of Rs.185611.59 lakh due for apportionment.
8. At all India level, during the period 1990-91 to 2001-02, the expenditure on Direction and Administration and the expenditure on Maintenance & Repair as a percentage of Working expenses remained 12% and 41% respectively for Major & Medium Irrigation Projects. During the same period, 25% and 9% of the Working expenses were utilized on Tube-wells and Direction and Administration respectively for Minor Irrigation Schemes. In case of CAD Programme the main components of expenditure out of Working expenses during the same period were Ayacut Development and Tribal sub Plan respectively. While 3% of the Working expenses under Cad Programme was used on Tribal Sub Plan, around 57% was utilized on Ayacut Development.
9. The extent of recovery of Working Expenses through Gross Receipts reflects an irregular trend primarily because of uneven realization of revenue receipts over time and remission/deferment of payment of water rates on account of various natural calamities like flood and draught.

#### **STATE-WISE HIGHLIGHTS**

1. **Andhra Pradesh** : Bulk of Working expenses in different years during 1990-91 to 2001-02 under Major & Medium Irrigation Projects in the State of Andhra Pradesh is utilized by the components viz; Direction and Administration and Maintenance and Repairs. Machinery & equipment and Training aspects also are covered through working expenses. In the initial few years the State had utilized some of its Working expenses to "Research" work as well. Maximum portion of the Working Expenses is, however, utilized by Maintenance & Repair followed by Direction & Administration. While Working Expenses on Maintenance and Repair rose by 207% during 1990-91 to 2001-02, the utilization of Working Expenses on Direction & Administration has grown by 440% during the same period. The position on Gross Receipts recovery could not put up a satisfactory performance during the years 1997-98 to 1999-00 as compared to other years. "Ground water investigation" constitutes an important component of Working expenses under Minor Irrigation Schemes in Andhra Pradesh. Groundwater Tube-wells also makes use of a big chunk of Working expenses. However, a large portion of Andhra Pradesh's Working expenses on Minor Irrigation Schemes is utilized for Water Tank and Lift Irrigation schemes which have grown by 3.5 times and 0.6 times. The Gross Receipts in the year 1992-93 had been comparatively much large as compared to the rest of the years. The year 2001-02 witnessed a sudden decline in the amount of Gross Receipts. Under CAD Programme the main component on which the Working Expenses during 1990-91 to 2001-02 were utilized was Direction & Administration which registered increase by 265% over the period. Rest of the Expenditure has been booked under the head 'Other Expenditure'.
2. **Arunachal Pradesh** : Under Major & Medium Irrigation Projects no Annual capital outlay has been provided for Arunachal Pradesh during the period from 1990-91 to 2001-02 and the cumulative capital outlay figure of Rs.182.49 lakhs till the end of 1989-90 have been repeated by the State Accountant General office thereafter every year as the cumulative capital outlay. Also there exist

Working expenses booked only under the heads of 'Other Expenditure' in all years during the period 1990-91 to 2001-02, but the Gross Receipts is 'nil' during the corresponding period in the case of Major & Medium Irrigation Projects. Under Minor Irrigation Schemes a large chunk of the State's Working expenses is used up by Direction & Administration and have been up by 500% during 1990-91 to 2001-02 and the Working Expenses on Machinery & Equipment increased by more than 5 fold. During 2001-02 the State has met expenditure on Lift Irrigation also from its Working Expenses under Minor Irrigation Schemes. The Aspects of Ground water investigation and components of Tube well and water tank have not received much attention by the State. The State of Arunachal Pradesh has not provided for any Capital Outlay under CAD Programme. The only head of expenditure for Working Expenses under CAD Programme has been 'Other Expenditure'.

3. **Assam** : In Assam no expenditure out of Working expenses has been made for Extension and Improvement and Maintenance & Repair in respect of Major & Medium Irrigation Projects during the period 1990-91 to 2001-02; a sizable chunk however, has been deployed for Direction & Administration components with an increase by around 5750%. The utilization of Working Expenses on Direction & Administration display a sudden spurt from 2000-01 onwards. The State has made most use of its Working expenses for Lift Irrigation under Minor Irrigation Schemes. In the year 1993-94 the State incurred expenses on Water tank but during the later years the working expenses on this components have been dropped by the State. Another salient component of working expenses under Minor Irrigation Schemes has been Ground Water Tube well. The Working expenses on Machinery & Equipment during the year 2001-02 has almost become suddenly 8 times as compared to earlier years. The Gross Receipts though Minor Irrigation Schemes were comparatively better in 1999-00. For CAD Programme although Capital Outlay has been provided by the State for all the years during 1990-91 to 2001-02, yet the working expenses and Gross Receipts have been 'nil' through out.
4. **Bihar**: During 1990-91 to 2001-02 a large portion of the State's Working Expenses was utilized for Direction & Administration and Maintenance & Repair under Major & Medium Irrigation Projects. Also "survey and Investigation" forms an important components of working expenses for Bihar. The expenditure on this item of late (more precisely from 1999-2000) has however, dwindled. There is a sharp hike in the Working Expenses on Direction and Administration during 2001-02. In the same year the Maintenance and Repair Working Expenses has suddenly become zero from Rs.176.70 crore. Perhaps the portion of Maintenance and Repair has been used for staff and Establishment. Under Minor Irrigation Schemes, during the same period, "Ground Water Investigation" constituted an important component of Working expenses in the State. Working expenses has also been incurred the component of Ground Water Tube well consistently. The Gross Receipts under Minor Irrigation Schemes have been ranging between Rs.35 lakhs to Rs.92 lakhs during last 8 years of the period under consideration. Direction & Administration and Ayacut Development have been the major components of working expenses in the State under Cad Programme. While there is no working Expenses in Bihar on Direction & Administration under CAD Programme during 2000-01, there has however, been a sudden dip in the working expenses on the component of Ayacut Development during 2001-02.
5. **Chhattisgarh**: The State has come into being from the year 2000 having been carved out from the erstwhile Madhya Pradesh. Amounts of Rs.21189.27 lakhs

and Rs.133251.75 lakhs remain as unapportioned Capital Outlay between M.P. and Chhattisgarh during the year 2000-01 and till the end of the year 2000-01 under Major & Medium Irrigation Projects. The major items of utilization of working expenses in the State have been Direction & Administration, Machinery & Equipment and Maintenance and Repair. Under the Minor Irrigation Schemes there exists an unallocated amount of Rs.185611.59 lakhs yet to be apportioned and an amount of Rs.6363.24 lakhs has been transferred from M.P. to Chhattisgarh. A large chunk of working expenses has been utilized by the components namely 'Water tank', 'Tribal sub-plan; there has been a tremendous growth in the amounts of working expenses under these components over the period 2000-01 to 2001-02. The Gross Receipts have been up by more than 3 times during the same period. Ayacut Development and Tribal area sub-plan are the major items of working expenses in the State under Cad Programme.

6. **Delhi** : Delhi got the status of statehood from Union Territory in the year 1992-93. Upto 1992-93 its budgetary allocations were covered in the Union government budgets. As such the details of capital expenditure and working expenses of Delhi have been provided only from 1993-94 onward. An amount of Rs.65.43 lakhs is appear in all Finance Accounts of Delhi, as a cumulative Capital Outlay up the end of each year. There exists no annual capital outlay and no corresponding Working expenses but the existence of Gross receipt figures in NCT of Delhi indicates that the State is reaping the fruits of earlier capital outlay under Major & Medium Irrigation Projects. The Gross Receipts have grown by more than 1100%. The utilization of working expenses under Minor Irrigation Schemes for Delhi has been made primarily for Direction & Administration. There has been a 9 fold increase in the Working Expenses on Direction & Administration. The Capital outlay during the year 2001-02 has however drastically been reduced to Rs.40.85 lakhs from Rs.107.67 lakhs in the just proceeding year. The Gross Receipts in the State from Minor Irrigation Schemes have been quite significant during the period 1999-00 to 2000-01.
7. **Goa** : In Goa bulk of working expenses during the period 1990-91 to 2001-02 under Major & Medium Irrigation Projects has been utilized for Direction & Administration purposes which have increased by more than 200% over the same period. Of late some amount of working expenses of the order of around 10% has been made use of for Survey & Investigation also. The State has used working expenses during the corresponding period under Minor Irrigation Schemes on components of Water Tank, Lift Irrigation, Ground water Investigation, Ground water Investigation, Ground water Tube wells and Direction & Administration. Almost 6 fold increase has been witnessed in the Working expenses on Direction & Administration during 1990-91 to 2001-02. The Gross Receipts from Minor Irrigation Schemes have been in the range of Rs.7 lakhs to Rs.36 lakhs during the period 1990-91 to 2001-02. Although provisions of Capital Outlay have been made by the State for CAD Programme yet to working expenses have been made on Direction & Administration, Ayacut Development or any other developmental work. The enter booking of working expenses has been made under the head 'Other expenditure'.
8. **Gujarat** : During 1990-91 to 2001-02 Direction & Administration, Machinery & Equipment, Maintenance & Repair under Major & Medium Irrigation Projects from major components of working expenses for Gujarat. The State has also made working expenses on Training, Research and Survey & Investigation. The Working Expenses on Direction & Administration have risen to more than 3.5 times and those on Maintenance and Repair 2.8 times. The Working Expenses on Machinery and Equipment have drastically increased from 1998-99. For

Minor Irrigation Schemes Lift Irrigation, Water Tank, Surface Water Tribal Sub-plan, Ground Water Investigation, Ground Water Tube-well, Machinery & Equipment, Direction & Administration and General Tribal Sub-plan are the main components on which working expenses have been utilized by the State Government during 1990-91 to 2000-01. The Working expenses on Direction & Administration has gone up to become around 2.5 times during 1990-91 to 2001-02. There has been no annual Capital Outlay provided by the State for the CAD Programme during the period 1990-91 to 2000-01. Accordingly earlier amount of Rs.5.08 lakhs has been repeated in the Finance Accounts published by the respective Accountant General, as the cumulative amount of Capital Outlay at the end of each year. Working expenses have been made on Ayacut Development and Tribal Area Sub-plan in the State.

9. **Haryana:** Direction & Administration and Maintenance and Repair are two major items of working expenses in the State under Major & Medium Irrigation Projects. The Working Expenses for Direction & Administration have risen by 685% and for Maintenance & Repair by 160% and for Maintenance & Repair by 160% during 1990-91. The State incurred some working expenses on Machinery & Equipment till 1997-98 and during the later years the same has been dropped. Paying adequate attention to Ground Water, the State has made use of working expenses on Minor Irrigation Schemes on the components of Ground Water Investigation and Tube-wells in particular. The Working expenses of Ground Water Investigation and Ground Water Tube-well have increase by more than 225% and 190% respectively during 1990-91 to 2001-02. No Capital Outlay has been provided by the State under CAD Programme during 1990-91 to 2001-02, though some working expenses have been booked under the head 'Other expenditure'.
10. **Himachal Pradesh:** Under Major & Medium Irrigation Projects in Himachal Pradesh the working expenses on Maintenance and Repair has been showing a consistently increasing trend since 1992-93. Direction & Administration accounted for a fairly large amount of working expenses during 1998-99 till 2000-01. Lift Irrigation and Ground Water Tube-well formed major components of working expenses under Minor Irrigation Schemes in the State. Other components of working expenses include Direction & Administration, Machinery & Equipment and Tribal Sub-plan as well. While the Working Expenses on Lift Irrigation Schemes became 2.7 times, that on Direction and Administration rose to 5.2 times during 1990-91 to 2001-02. Ayacut development has been the sole components of working expenses in the State under CAD Programme which rose by 9 times during the period 1990-91 to 2001-02.
11. **Jammu & Kashmir:** In Jammu & Kashmir Maintenance and Repair is a major component of working expenses under Major & Medium Irrigation Projects. There had been no expenditure on Direction & Administration till 1996-97. However under Minor Irrigation Schemes Direction & Administration has been a large component of working expenses in the State. Ground Water Tube well, Lift Irrigation and Water Tank have also figured as the areas on which the State has incurred working expenses under Minor Irrigation Schemes. More than 5 fold increase is seen in Working Expenses on Direction & Administration during 1990-91 to 2001-02. There does not exist any Capital Outlay under CAD Programme in the State. Working expenses are however being made on Ayacut development in the State recording an increase of 190% during 1990-91 to 2001-02.

12. **Jharkhand:** The State has come into being from the year 2000 having been carved out from the erstwhile Bihar. The amount of un apportioned Capital Outlay between Bihar & Jharkhand has been retained in Bihar as indicated by the Finance Accounts published by office of Accountant General of respective States. The major items of utilization of working expenses in the State have been Direction & Administration and Maintenance and Repair. A large chunk of working expenses has been utilized by the components namely Ground Water Investigation and Tune-wells. There has been a tremendous growth in the amounts of working expenses under the components over the period 2000-01 to 2001-02. Capital Outlay, working expenses and Gross Receipts are nil in Jharkhand under CAD Programme.
13. **Karnataka:** Under Major & Medium Irrigation Projects in Karnataka important components of working expenses during the period 1990-91 to 2000-01 are Direction & Administration and Machinery & Equipment. The utilization of Working Expenses on Direction & Administration during 1996-97 to 2000-01 remained significantly higher as compared to other years. The State has made good amount of expenditure under the components of Survey & Investigation and Research. As compared to Working Expenses on Survey & Investigation in 1990-91, and increase of 250% has been recorded in 2001-02. During the same period the extent of Working Expenses on Research witnessed a hike of around 200% . Attention has also been devoted by Karnataka to the Training needs as evident from the Working Expenses on this head of accounts. There has been a consistency in the position regarding Gross Receipts through Major & Medium Irrigation Projects registering as increase by 22% during 1990-91 to 2001-02. The major components of working expenses under Minor Irrigation Schemes in the State are Water Tank, Lift Irrigation, Ground Water Investigation, Machinery & Equipment and Direction & Administration. Although the Working expenses on Direction & Administration rose to become 2.5 times during 1990-91 to 2001-02, but the expenses on Machinery & Equipment remained almost stationary over the same period. The Ground Water Investigation witnessed a high around 4 times. Under CAD Programme, Ayacut development and Direction & Administration have been the only components of working expenses, although no Capital Outlay has been earmarked by the State during the year 1990-91 to 2001-02.
14. **Kerala:** Research and Survey & Investigation have been the components under Major & Medium Irrigation Projects on which major chunk of working expenses has been utilized after Maintenance & Repair and Direction & Administration. Working Expenses shot up to 3.75 times for Direction & Administration, 1.43 times for Maintenance and Repair, 4 times for Survey & Investigation and 3.75 times for Research during the period from 1990-91 to 2001-02. Lift Irrigation and Ground Water Investigation have made best use of working expenses in Kerala under Minor Irrigation Schemes. The Working Expenses on Ground Water Investigation grew up by 1.25 times while that on Lift Irrigation by a marginal level of 0.10 times during 1990-91 to 2001-02. The State has made no provisions for Capital Outlay under CAD Programme. However the amount of working expenses incurred by the State under CAD Programme is booked under the head other expenses no Ayacut Development and Dry land Development are apparent.
15. **Madhya Pradesh:** there has been an upward trend in the share of expenditure incurred on Maintenance and Repair, Machinery and Equipment and Direction & Administration in overall working expenses under Major & Medium Irrigation Projects. The Working Expenses on Direction & Administration in 2000-01 was



around 3.6 times that of 1990-91 level. The Working Expenses during last two years of the period 1990-91 to 2001-02 declined by 23% because of creation of Chhattisgarh. The other components viz. Machinery & Equipment and Maintenance & Repair also witnessed the similar declining trend. The State has utilized working expenses on Survey & Investigation work also through in a sporadic manner. The Gross Receipts have shown an increasing trend. The proportion of working expenses under Minor Irrigation Schemes for the components Direction & Administration has been pretty low. The working expenses on Water Tank has been registering a decreasing trend. Other components of working expenses under Minor Irrigation Schemes include Lift Irrigation, Tribal Sub-plan and Ground Water Tube-well. In the case of Ground Water Tube-well working expenses have been incurred only for two years namely 1997-98 and 1998-99. Under CAD Programme, Ayacut Development and Tribal Area Sub-plan are major components of working components.

16. **Maharashtra:** The State of Maharashtra has utilized working expenses under Major & Medium Irrigation Projects on components like Direction & Administration, Machinery & Equipment, Maintenance & Repair, Survey and Investigation, Research and Training. During 1995-96, 1996-97 and 1997-98, Working Expenses on Direction & Administration was very high. During the same years the Working Expenses on Maintenance & Repair also stood very high. After increasing trend in Working Expenses on Survey & Investigation from 1990-91 to 1999-00, the level of Working Expenses on this sub-head is now declining. In case of Minor Irrigation Schemes, the States working expenses have been utilised primarily for Lift Irrigation, Ground Water Investigation, Tribal Sub-plan and Direction & Administration. Over the period from 1990-91 to 2001-02, the Working Expenses on Direction & Administration in the State has grown by 25times and that on Tribal sub-plan by about 4 times. During the same period the Working expenses on the component of Lift Irrigation has declined by 89%. No part of Working Expenses has been used for the components like Tube wells and Water Tanks. The State has not any provision of Capital Outlay for CAD Programme; Ayacut Development has been the sole component of working expenses even then.
17. **Manipur:** Direction & Administration has been the major component of working expenses in the State under Major & Medium Irrigation Projects; however in the years 1995-96 and 1997-98 working expenses on Maintenance and Repair have also been incurred. The status of revenue realization was comparatively worse in the year 1996-97. Apart from Direction & Administration, Machinery & Equipment and Lift Irrigation has also been an important component of working expenses under Minor Irrigation Schemes, though not always incurred each year. Direction & Administration on the Minor Irrigation Scheme captures around 7.5% more Working Expenses during 1990-91 to 2001-02. For CAD Programme no annual Capital Outlay has been earmarked by the State and as per the Finance Accounts published by the State AG office, an amount of Rs.13.61 lakhs has been repeated every year as the cumulative Capital Outlay at the end of the year. Working expenses have been booked only under th head 'Other expenditure'.
18. **Meghalaya:** For Major & Medium Irrigation Projects in the State only Direction & Administration figures as the component of working expenses. In 2001-02 the Working expenses on Direction & Administration rose to around 3.6% of the level in 1991-92. Gross Receipts have been derived through Major & Medium Irrigation Projects from the year 1992-93 onwards, although not very significant amount Lift Irrigation, Ground Water Tube-well, Machinery & Equipment are

components of working expenses under Minor Irrigation Schemes. However a major portion of working expenses is utilized by Direction & Administration registering more than 300% hike during 1990-91 to 2001-02. The Gross Receipts though Minor Irrigation schemes rose by more than 100 percent in the year 2001-02 as compared to status in just preceding year.

19. **Mizoram:** No Annual Capital Outlay was made by the State during 1994-95 to 2000-01 under Major & Medium Irrigation Projects. Gross Receipts is 'nil' although working expenses have been booked for the State under the head 'other expenditure'. The component like Lift Irrigation, Water Tank, Ground Water Investigation and Direction & Administration have utilized large chunk of working expenses under Minor Irrigation Schemes. The State has however stopped making any working expenses on Water Tank after 1996-97 and on Ground Water Investigation from 1998-99. No working expenses on the component of Direction & Administration have also been made by the State from 1996-97 onwards. The working expenses only under the head other expenses have been booked in these years. The State had provided for annual Capital Outlay of Rs.2.43 lakhs under CAD Programme in the year 1997-98. Working expenses are being booked under the head other expenses. No tangible progress on Ayacut Development or Development of Hill Area etc. is apparently made by the State.
20. **Nagaland:** With no Annual Capital Outlay provided by the State for Major & Medium Irrigation Projects, the cumulative Capital Outlay of Rs.187.35 lakhs has been repeated in all the Finance Accounts published by the State AG office during the period from 1990-91 to 2001-02. The sub-head on which working expenses have been incurred by the State include Direction & Administration, Ground Water Investigation and Lift Irrigation. Around 1.6 times increase is recorded in Working Expenses on Direction & Administration during 1990-91 to 2001-02. From 1999-00 however no working expenses have been made on Lift Irrigation.
21. **Orissa:** The State has used large chunk of working expenses on components of Direction & Administration, Maintenance and Repair, Survey and Investigation under Major & Medium Irrigation Project. During 1990-91 to 2001-02, the Working Expenses on Direction & Administration became more than 7 times and that on Maintenance and Repair more than 4 times. On the sub-head of Research the Working Expenses have been incurred for the first time in the year 2001-02. Training has also been considered an important activity for incurring expenses on it. Gross Receipts during the years 2000-01 and 2001-02 have picked up although previously as well during some years like 1995-96 and 1998-99 the position of Gross Receipts was quite comparable. Under Minor Irrigation Schemes besides Direction & Administration, Machinery & Equipment and Lift Irrigation are other major components of working expenses. The State has also made expenditure on Ground Water Investigation, though over the years there is a downward trend in the amount for this components. As compared to the level of Working Expenses on Direction & Administration in 1990-91, there has occurred a 4 fold increase in the position in 2001-02. The Working Expenses on Machinery & Equipment had been quite high in 1998-99, 2000-01 and 2001-02 as compared to rest of the years during 1990-91 to 2001-02. The Working expenses on Lift Irrigation went up by 118% during the same period. Although there is no Capital Outlay earmarked for CAD Programme in the State, Working expense is still being made on Ayacut Development and Tribal Area Sub-plan on a regular basis. The Working Expenses on Ayacut Development increased about 3.5 times from 1990-91 to 2001-02.

22. **Pondicherry:** the entire working expenses in Pondicherry on Major & Medium Irrigation Projects is being utilized for Direction & Administration which increased by more than 200% during 1990-91 to 201-02. Till 1999-00 there was no Capital Outlay under Minor Irrigation Schemes in the Union Territory. There has been a drastic increase in the Annual Capital Outlay of Pondicherry in the year 2001-02. The major components of working expenses are Machinery & Equipment and Water Tank. An increasing trend in the working expenses on these components is noticeable.
23. **Punjab:** Maintenance and Repair has emerged as a major component of working expenses in Punjab under Major & Medium Irrigation Projects. The Working Expenses on Maintenance and Repair have gone up to 2.64 times from 1990-91 to 2001-02. Direction & Administration, Research and Survey and Investigation are other components of working expenses. There has been drastic reduction in the Working Expenses on Direction & Administration from 1994-95. there has been a downward trend in the working expense on Direction & Administration and Research during 1990-91 to 2001-02. The position of Gross Receipts in the year 1994-95 and 1995-96 was much better as compared to other years. Working expenses under Minor Irrigation Schemes in the State of Punjab have a sustained impact every year during 1990-91 to 2001-02 on the components of Lift Irrigation and Ground Water Investigation besides Tube-well. For Water Tank no working expenses have been made after 1990-91. Similarly working expenses on Direction & Administration have been made by the State only during the period 1997-98 to 2000-01. The Gross Receipts in the year 1997-98 was significantly higher than those in the other years. Although Capital Outlay under CAD Programme have been made from 1998-99 onwards but there is no working expenses and Gross Receipts reported for the State of Punjab.
24. **Rajasthan:** Under Major & Medium Irrigation Projects in Rajasthan, Maintenance and Repair dominates the various components of working expenses. Other components include Direction & Administration, Survey and Investigation, Training and Research. During 1990-91 to 2001-02, an almost increasing trend has been evinced in the components like Maintenance and Repair and Direction & Administration. While working expenses on Direction & Administration has become around 3.64 times, the Working Expenses on Maintenance and Repair grew to become 4.17 times during the same period. Ground Water Investigation and Tribal Sub-plan are major component of Working expenses in the State under Minor Irrigation Schemes. Ayacut Development is the major component of working expenses under CAD Programme. During 1990-91 to 2001-02, Ayacut Development attracted 190% more working expenses. No working expenses on Tribal Sub-plan after 1993-94 have been incurred by the State.
25. **Sikkim:** For Minor Irrigation Schemes in Sikkim, Capital Outlay provision are available from 1996-97 onwards. The major components are Direction & Administration and Machinery & Equipment. Working expenses on Direction & Administration increase 5.5 times from 1990-91 to 2001-02. There are no provision for Capital Outlay in the State under CAD Programme. Still the main component of working expenses is Ayacut Development.
26. **Tamil Nadu:** Maintenance and Repair has emerged as a major component of working expenses in Tamil Nadu under Major & Medium Irrigation Projects. During 1990-91 to 2001-02 the Working Expenses have increased by more than 300%. Direction & Administration, Training and Research are other components of working expenses. There has been a increasing trend in the working

expenses on Direction & Administration registering an increase by more than 20 times; the sharp increment has come in to being from 1997-98. The position of Gross Receipts in the year 2001-02, 2000-01 and 1999-00 was much better as compared to other years. Working expenses under Minor Irrigation Schemes in the State of Tamil Nadu have a sustained impact every year during 1990-91 to 2001-02 on the component of Water Tank and Ground Water Investigation besides Tube-well. The position regarding Gross Receipts has remained almost consistent in all the years during 1990-91 to 2001-02. No Annual Capital Outlay has been provided in the State for CAD Programme and the Capital Outlay of Rs.1241.87 lakhs is repeated as cumulative Capital Outlay at the end of the year in all the Finance Accounts of State Accountant General. In the year 2001-02 working expenses to tune of Rs.3863.41 lakhs have been made for Ayacut Development in the State.

27. **Tripura:** No working expenses have been incurred by the State under Major & Medium Irrigation Projects even though there exist Capital Outlay during all the years. The position of Gross Receipts in the years 1993-94 and 1995-96 was comparatively much better than those in the other years. During the period from 1990-91 till 1998-99 there was no annual Capital Outlay provided under Minor Irrigation Schemes; only from 1999-00 annual Capital Outlay was provided for. The major components of working expenses have been Lift Irrigation, Ground Water Tube-well and Direction & Administration. Under CAD Programme no annual Capital Outlay is being made by the State from 1998-99 onwards. No working expenses or Gross Receipts have been reported.
28. **Uttar Pradesh:** Maintenance and Repair is the major component of working expenses followed by Direction & Administration in the case of Major & Medium Irrigation Projects in Uttar Pradesh.. For five years namely 1991-92 to 1995-96, the State had booked no working expenses on Direction & Administration. However, from 1997-98 it has become significantly higher than the other years' level of working expenses. The Working expenses on Direction & Administration in 2001-02 was almost 35 times the corresponding year in 1990-91. The Working Expenses on Machinery and Equipment in the State have appeared from 2000-01 onwards. Under Minor Irrigation Schemes in Uttar Pradesh, Ground Water Investigation, Ground Water Tube-well, Lift Irrigation and Water Tank are the major components of working expenses. Lift Irrigation attracted increase in Working expenses by 4.5% during the period 1990-91 to 2001-02. Until 1997-98 no working expenses were incurred on Water Tank. Under CAD Programme the entire working expenses has been booked under the head 'Other expenditure'.
29. **Uttaranchal:** The State has come into being from the year 2000 having been carved out from the erstwhile Uttar Pradesh. Amounts of Rs.26232.27 lakhs and Rs.671893.42 lakhs remain as un-apportioned Capital Outlay between U.P and Uttaranchal during the year 2000-01 and till the end of the year 2000-01 under Major & Medium Irrigation Projects. The major utilizations of working expenses in the State have been on Direction & Administration, Machinery & Equipment and Maintenance and Repair. The Capital Outlay and Gross Receipts under Major & Medium Irrigation Projects have been drastically increase over the period 2000-01 to 2001-02. Under the Minor Irrigation Schemss there exists an allocated amounts of Rs.358.19 lakhs and Rs.131992.77 lakhs as unapportioned Capital Outlay between U.P and Uttaranchal during 2000-01 and at end of the year 2000-01 respectively. A large chunk of working expenses has been utilized by the components namely 'Water Tank', 'Tribal Sub-plan', Lift Irrigation and Ground Water Investigation. There has been tremendous growth in the amounts of working expenses under these components over the period 2000-01 to 2001-02.

30. **West Bengal:** The working expenses under Major & Medium Irrigation projects in West Bengal have been utilized for Direction & Administration, Machinery & Equipment, Maintenance and Repair, Training, Research and Survey and Investigation in particular. Maintenance and Repair utilizes a large chunk of working expenses. The working Expenses on Direction & Administration have grown to almost 4 times during 1990-91 to 2001-02. During the same period the working expenses on Maintenance & Repair has witnessed a 9 fold hike. Ground Water Tube-well and Lift Irrigation are prominent components utilizing a large chunk of working expenses under Minor Irrigation Schemes. Amongst other are included Direction & Administration, Tribal Sub-plan, Ground Water Investigation and Water Tank. The Working Expenses on Direction & Administration have undergone an increase by 2.7 times during 1990-91 to 2001-02. The components of Water Tank, Lift Irrigation, Ground Water Irrigation and Tube-well have recorded increase by 1.5 times, 1.5 times, 2.5 times and 1.75 times respectively in the utilization of working expenses during the same period. No part of working expenses is utilized in West Bengal for Machinery and Equipment. The Gross Receipts from Minor Irrigation Schemes show an increasing trend during 1990-91 to 2001-02. The entire working expenses under CAD Programme is booked under the head other expenditure. There has been a tremendous increase in the annual Capital Outlay during the year 2000-01 by becoming almost double of the Annual Capital Outlay of 1999-00.
31. **Union government:** Under Major & Medium Irrigation Projects, Direction & Administration, Research, Survey and Training constitute major component of working expenses; increasing trend being observed for Direction & Administration, Research and Survey and Investigation during the period from 1990-91 to 2001-02. the Working expenses on Direction & Administration, Training, Research and Survey & Investigation have become respectively 3 times, 2.7 times, 3 times and 5.9 times. Under Minor Irrigation Schemes working expenses have been largely incurred on Direction & Administration, Water Tank, Lift Irrigation, Tribal sub-plan, Tube-well and Ground Water Investigation. The component Ground Water Investigation account for a large chunks of working expenses. During the period from 1990-91 to 2001-02, the Working Expenses on Ground Water Investigation increase by 4.5 times. The increase in Working Expenses on Direction & Administration stood at the level of 1.25 times. The entire working expenses under CAD Programme in Union Government is booked under the head of 'other expenditure'.

**DETAILED TABLES :**

**SECTION – A**

**FINANCIAL ASPECTS OF MAJOR  
&  
MEDIUM IRRIGATION PROJECTS**

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.1

All India

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	284638.32	3055690.63	21511.78	757.42	120839.40	0.00	1039.61	1738.87	3057.48	1658.05	94616.86	245219.47	22415.44
1991-92	313186.59	3368877.25	21658.69	1799.10	137281.40	0.00	992.47	2152.06	3427.14	2519.95	109190.15	279020.96	22741.51
1992-93	341631.88	3710509.11	25687.58	2365.82	156337.46	0.00	1240.79	2698.83	3929.88	1077.87	122874.42	316212.65	32029.06
1993-94	397527.21	4108038.35	29555.32	2242.35	170598.75	0.00	1178.46	2668.10	4304.70	956.32	151480.64	362984.64	47757.53
1994-95	480607.02	4588559.02	34152.76	2729.03	194196.97	0.00	1407.20	3003.29	4538.96	2191.73	193024.10	435244.04	44446.07
1995-96	545863.60	5134688.60	42475.76	3124.74	222712.99	0.00	991.33	3442.59	5716.61	2486.60	200901.98	481852.60	49542.99
1996-97	549442.43	5684071.95	47261.79	2921.52	246357.39	0.00	1260.32	3590.19	6286.63	842.47	236043.83	544564.14	45839.19
1997-98	713793.01	6398415.12	85348.69	3363.98	254634.04	0.00	1105.94	4369.25	6615.20	1169.88	269184.63	625791.61	36334.13
1998-99	709370.62	7107785.75	92963.82	3915.53	262515.16	0.00	1172.23	4822.49	7048.66	458.77	348641.53	721538.19	44180.30
1999-00	787471.61	7895283.28	116766.47	4126.93	296526.06	0.00	1513.97	5425.77	8605.83	81.26	364975.43	798021.72	45694.45
2000-01	729584.46	8624867.54	99348.21	3916.95	338753.90	0.00	2138.11	5134.08	7585.22	-704.82	420070.42	876242.07	75351.72
2001-02	764937.61	9389815.42	139662.86	3612.08	282702.57	0.00	1268.86	5401.61	7205.21	641.73	384474.49	824969.41	65224.50

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.2

State : Andhra Pradesh

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	24960.94	314798.21	1481.90	20.72	33296.38	0.00	4.62	4.89	0.00	577.15	646.65	36032.31	4878.92
1991-92	28134.19	342932.41	1305.95	15.62	36479.64	0.00	5.45	6.58	0.00	688.73	708.65	39210.62	1382.23
1992-93	33155.05	376087.46	1473.00	95.24	39949.09	0.00	2.09	5.90	0.00	473.22	1042.25	43040.79	6571.70
1993-94	55857.48	431944.93	1577.71	133.91	46732.74	0.00	17.62	0.07	0.00	665.84	1313.69	50441.58	7679.47
1994-95	60574.52	492519.45	2016.17	134.53	56681.03	0.00	8.56	0.00	0.00	1059.50	1477.77	61377.56	10380.48
1995-96	54024.08	546543.53	1156.55	-54.22	67473.90	0.00	1.80	0.00	0.00	1246.79	1357.46	71182.28	9461.23
1996-97	54975.88	601519.41	3481.69	-15.23	76704.15	0.00	14.91	0.00	0.00	-69.18	1893.57	82009.91	6476.93
1997-98	62609.30	664128.71	4130.01	-87.83	84111.86	0.00	15.21	0.00	0.00	-23.16	6292.79	94438.88	633.45
1998-99	63210.63	727339.33	4979.60	-42.22	75449.49	0.00	0.00	0.00	0.00	7.84	30796.09	111190.80	511.45
1999-00	90930.71	818270.04	6903.14	13.10	94868.59	0.00	162.00	0.00	0.00	-63.58	3434.57	105317.82	405.04
2000-01	91559.20	909829.24	7028.68	15.54	119380.89	0.00	600.00	0.00	0.00	69.45	2444.33	129538.89	1142.75
2001-02	93990.26	1003819.50	8003.91	-29.88	123878.69	0.00	0.00	0.00	0.00	-8.99	2369.49	134213.22	1026.71



### Financial Aspects of Major & Medium Irrigation Projects

Table : A.3

State : Arunachal Pradesh

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	0.00	182.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	2.50	0.00
1991-92	0.00	182.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.50	44.50	0.00
1992-93	0.00	182.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.06	70.06	0.00
1993-94	0.00	182.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.26	49.26	0.00
1994-95	0.00	182.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.77	49.77	0.00
1995-96	0.00	182.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	50.00	0.00
1996-97	0.00	182.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.25	48.25	0.00
1997-98	0.00	182.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.90	93.90	0.00
1998-99	0.00	182.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.87	36.87	0.00
1999-00	0.00	182.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.00	33.00	0.00
2000-01	0.00	182.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.97	33.97	0.00
2001-02	0.00	182.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00	36.00	0.00

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.4

State : Assam

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	2373.87	23889.35	37.83	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	183.61	221.07	26.31
1991-92	3302.47	27191.82	52.21	0.00	0.00	0.00	0.00	0.00	0.00	0.02	124.86	177.09	43.04
1992-93	2365.33	29557.15	36.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	152.40	189.20	19.76
1993-94	2531.15	32088.30	126.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.50	184.01	16.70
1994-95	2847.30	34935.60	297.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	297.20	5.25
1995-96	2382.96	37318.55	295.67	0.00	0.00	0.00	0.00	0.00	0.00	7.90	0.00	303.57	2.64
1996-97	2459.76	39778.31	347.75	0.50	0.00	0.00	0.00	0.00	0.00	-0.17	0.00	348.08	7.21
1997-98	3150.96	42929.27	447.48	0.00	0.00	0.00	0.00	0.00	0.00	-7.20	0.00	440.28	35.84
1998-99	3865.66	46794.93	787.94	0.00	0.00	0.00	0.00	0.00	0.00	-5.35	0.00	782.59	6.34
1999-00	5024.00	51818.93	985.85	0.00	0.00	0.00	0.00	0.00	0.00	-15.16	0.00	970.69	16.00
2000-01	4425.62	56244.55	2482.26	0.00	0.00	0.00	0.00	0.00	0.00	-7.25	0.00	2475.01	14.92
2001-02	4057.91	60302.51	2216.25	3.48	0.00	0.00	0.00	0.00	0.00	0.00	28.51	2248.24	17.75

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.5

State : Bihar

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	25667.45	327675.00	145.39	0.00	5636.55	0.00	0.00	0.00	354.14	0.00	96.49	6232.57	648.52
1991-92	16951.87	344626.87	172.67	0.00	5252.50	0.00	0.00	0.00	369.05	0.00	66.09	5860.31	1637.38
1992-93	16286.36	360913.23	0.00	0.00	6082.65	0.00	0.00	0.00	496.13	0.00	260.02	6838.80	1914.13
1993-94	15450.36	376363.59	266.07	0.00	6144.38	0.00	0.00	0.00	393.53	0.00	87.89	6891.87	1802.38
1994-95	15195.97	391559.56	205.77	0.00	6735.24	0.00	0.00	0.00	390.00	0.00	75.43	7406.44	1613.37
1995-96	18587.97	410147.33	712.78	0.00	5405.96	0.00	0.00	0.00	395.34	0.00	1834.65	8348.73	3080.17
1996-97	20771.61	430918.95	315.37	0.00	8066.48	0.00	0.00	0.00	472.06	0.00	1821.65	10675.56	3764.03
1997-98	24521.75	455440.70	42.07	0.00	11851.30	0.00	0.00	0.00	497.13	0.00	0.00	12390.50	3532.01
1998-99	32387.79	487828.49	2027.51	0.00	14015.34	0.00	0.00	0.00	104.33	0.00	588.07	16735.25	4205.65
1999-00	51281.66	539110.15	2062.18	0.00	18023.41	0.00	0.00	0.00	98.15	0.00	122.97	20306.71	4140.22
2000-01	33756.75	572866.92	136.78	0.00	17670.35	0.00	0.00	0.00	75.77	0.00	88.97	17971.87	3389.85
2001-02	20145.13	593012.04	14464.86	0.00	0.00	0.00	0.00	0.00	82.08	0.00	43.35	14590.29	1557.90

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.6

State : Chhattisgarh

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991-92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992-93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993-94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994-95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995-96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996-97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997-98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998-99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000-01	3455.10	137635.10	2083.54	133.46	393.75	0.00	0.00	0.00	0.00	-44.47	166.93	2733.21	1037.92
2001-02	12039.86	149674.96	5480.09	222.30	1447.64	0.00	0.00	0.00	0.00	192.67	0.00	7342.70	3819.65



### Financial Aspects of Major & Medium Irrigation Projects

Table : A.8

State : Goa

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	2299.46	15301.31	172.89	0.00	0.00	0.00	0.00	0.00	0.00	-6.41	17.31	183.79	37.71
1991-92	2155.18	17456.49	181.74	0.00	0.00	0.00	0.00	0.00	0.00	0.80	18.84	201.38	86.81
1992-93	2172.22	19628.70	210.68	0.00	0.00	0.00	0.00	0.00	0.00	2.11	22.19	234.98	76.20
1993-94	1583.10	21211.80	234.36	0.00	0.00	0.00	0.00	0.00	0.00	0.47	23.53	258.36	30.94
1994-95	2909.04	24120.84	257.03	0.00	0.00	0.00	0.00	0.00	0.00	-5.39	26.01	277.65	91.92
1995-96	3007.18	27128.02	303.21	0.00	0.00	0.00	0.00	0.00	0.00	-2.38	31.07	331.90	51.37
1996-97	2549.88	29677.90	400.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.69	45.53	444.85	35.86
1997-98	2349.58	32027.48	434.54	0.00	0.00	0.00	0.00	0.00	0.00	1.73	48.83	485.10	28.74
1998-99	1992.22	34019.70	524.16	0.00	0.00	0.00	0.00	0.00	0.00	-4.25	63.09	583.00	25.92
1999-00	1718.53	35738.23	573.84	0.00	0.00	0.00	0.00	0.00	0.00	4.16	59.74	637.74	52.80
2000-01	4589.60	40327.83	692.76	0.00	0.00	0.00	0.00	0.00	69.08	-1.89	0.00	759.95	21.99
2001-02	4144.15	44471.98	524.16	0.00	0.00	0.00	0.00	0.00	75.00	-0.03	-0.04	599.09	1369.61

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.9

State : Gujarat

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	40260.57	263527.45	2006.61	90.01	2475.80	0.00	290.66	109.99	98.51	67.20	26755.99	31894.77	2001.36
1991-92	54299.39	317826.84	2396.30	102.23	3211.70	0.00	291.18	133.05	66.45	313.40	29033.85	35548.16	2277.39
1992-93	44358.48	362185.32	2570.49	279.94	3409.01	0.00	327.00	141.54	53.05	239.24	30462.62	37482.89	2279.30
1993-94	24812.93	386998.26	2884.33	278.21	3636.80	0.00	273.70	138.30	48.55	186.57	44138.08	51584.54	3098.68
1994-95	51066.11	438064.37	3419.49	447.02	5636.71	0.00	219.49	159.95	107.51	331.29	47406.58	57728.04	4259.04
1995-96	66595.73	504660.60	4213.07	668.41	5148.03	0.00	0.00	174.20	429.46	104.96	62435.79	73173.92	3722.44
1996-97	93321.04	597981.14	4458.55	750.25	5304.17	0.00	0.00	198.20	524.49	106.60	72124.65	83466.91	3753.58
1997-98	117424.17	715405.31	4980.22	925.93	5961.48	0.00	0.00	229.90	547.69	292.30	85213.33	98150.85	9129.21
1998-99	124919.97	840325.29	6964.03	1587.51	6352.52	0.00	0.00	235.24	104.28	253.23	115599.56	131096.37	13209.33
1999-00	129801.51	970126.80	7288.17	2111.71	6917.52	0.00	14.30	246.86	557.87	255.52	135227.51	152619.46	11068.40
2000-01	97016.00	1067142.80	7438.75	2379.53	7328.54	0.00	0.00	242.36	83.24	129.21	155298.47	172900.10	13658.17
2001-02	43747.61	1110890.41	7336.94	2277.63	6952.34	0.00	0.00	215.17	193.72	130.32	152307.59	169413.71	13208.60

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.10

State : Haryana

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	4940.39	91290.98	1120.64	12.78	3044.38	0.00	0.00	0.00	0.00	0.00	6986.55	11164.35	1730.50
1991-92	6564.58	97855.56	2446.54	19.70	2747.95	0.00	0.00	0.00	0.00	0.00	8980.92	14195.11	1580.82
1992-93	7129.43	104985.00	2920.58	16.04	2043.61	0.00	0.00	0.00	0.00	-44.07	11785.56	16721.72	1796.19
1993-94	7983.91	112968.91	3326.80	14.11	2062.98	0.00	0.00	0.00	0.00	-9.96	12308.34	17702.27	2038.22
1994-95	5399.45	118368.36	5933.54	8.47	2054.74	0.00	0.00	0.00	0.00	-32.25	36076.77	44041.27	1919.19
1995-96	8676.43	127044.80	6345.88	3.78	1676.16	0.00	0.00	0.00	0.00	73.23	14633.81	22732.86	2100.25
1996-97	17092.12	144136.92	5659.54	2.70	1813.64	0.00	0.00	0.00	0.00	97.29	15065.32	22638.49	2429.96
1997-98	24220.29	168357.21	4866.02	6.25	8958.06	0.00	0.00	0.00	0.00	-1.13	11503.27	25332.47	2738.04
1998-99	26750.43	195107.64	7881.79	0.00	4952.17	0.00	0.00	0.00	0.00	-36.42	13283.48	26081.02	6103.55
1999-00	27128.27	222235.91	7064.41	0.00	6363.66	0.00	0.00	0.00	0.00	-53.50	14416.49	27791.06	3829.58
2000-01	25645.76	247881.67	6567.66	0.00	6376.72	0.00	0.00	0.00	0.00	-73.87	15094.27	27964.78	5430.12
2001-02	28068.18	275949.85	8802.54	0.00	7922.85	0.00	0.00	0.00	0.00	-33.69	17785.09	34476.79	6850.64



### Financial Aspects of Major & Medium Irrigation Projects

Table : A.11

State : Himachal Pradesh

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	213.96	2341.70	0.00	0.00	96.78	0.00	0.00	0.00	0.00	6.81	0.00	103.59	1.65
1991-92	210.95	2552.65	0.00	0.00	110.64	0.00	0.00	0.00	0.00	-6.24	0.00	104.40	0.12
1992-93	165.99	2718.65	51.74	0.00	62.85	0.00	0.00	0.00	0.00	1.69	0.00	116.28	0.14
1993-94	181.02	2899.67	53.55	0.00	68.58	0.00	0.00	0.00	0.00	-6.37	0.00	115.76	0.17
1994-95	205.23	3104.91	62.70	0.00	70.58	0.00	0.00	0.00	0.00	-14.68	0.00	118.60	0.40
1995-96	223.31	3328.22	67.70	0.00	110.79	0.00	0.00	0.00	0.00	22.77	0.00	201.26	0.07
1996-97	356.09	3684.30	75.70	0.00	129.75	0.00	0.00	0.00	0.00	15.34	0.00	220.79	0.44
1997-98	843.40	4527.70	99.03	0.00	185.89	0.00	0.00	0.00	0.00	60.02	0.00	344.94	1.09
1998-99	921.47	5449.18	182.24	0.00	217.08	0.00	0.00	0.00	0.00	48.68	0.00	448.00	2.50
1999-00	1347.07	6796.25	185.93	0.00	217.32	0.00	0.00	0.00	0.00	5.97	0.00	409.22	3.12
2000-01	1148.26	7944.51	176.96	0.00	203.22	0.00	0.00	0.00	0.00	51.96	0.00	432.14	1.99
2001-02	1115.14	9059.65	0.43	0.00	259.88	0.00	0.00	0.00	0.00	23.26	0.00	283.57	1105.94

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.12

State : Jammu & Kashmir

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	871.37	18228.97	0.00	0.00	347.11	0.00	0.00	0.00	0.00	-1.49	322.05	667.67	19.40
1991-92	1205.64	19434.61	0.00	0.00	457.35	0.00	0.00	0.00	0.00	14.05	245.73	717.13	20.49
1992-93	1255.55	20690.17	0.00	0.00	471.77	0.00	0.00	0.00	0.00	21.11	246.50	739.38	34.22
1993-94	1151.68	21841.85	0.00	0.00	437.28	0.00	0.00	0.00	0.00	11.58	333.15	782.01	21.85
1994-95	1287.08	23128.93	0.00	0.00	457.91	0.00	0.00	0.00	0.00	-6.75	255.53	706.69	33.14
1995-96	1414.00	24542.93	0.00	0.00	459.54	0.00	0.00	0.00	0.00	8.43	247.93	715.90	100.39
1996-97	1255.08	25798.01	0.00	0.00	877.30	0.00	0.00	0.00	0.00	0.00	0.00	877.30	53.32
1997-98	1513.72	27311.74	205.68	0.00	808.42	0.00	0.00	0.00	0.00	-5.39	518.01	1526.72	35.15
1998-99	1897.88	29209.62	289.74	0.00	1165.38	0.00	0.00	0.00	0.00	14.49	518.68	1988.29	30.94
1999-00	869.43	30079.05	0.00	0.00	1618.06	0.00	0.00	0.00	0.00	0.00	0.00	1618.06	27.73
2000-01	1791.29	31870.34	1656.48	0.00	378.06	0.00	0.00	0.00	0.00	-5.69	140.90	2169.75	44.20
2001-02	2349.10	34219.44	1209.73	0.00	728.63	0.00	0.00	0.00	0.00	-1.68	0.00	1936.68	58.30

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.13

State : Jharkhand

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991-92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992-93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993-94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994-95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995-96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996-97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997-98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998-99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000-01	5615.25	5615.25	327.59	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	327.91	566.09
2001-02	15545.32	21160.57	326.42	0.00	1345.70	0.00	0.00	0.00	0.00	0.00	0.00	1672.12	2673.55

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.14

State : Karnataka

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	24251.78	233173.87	644.27	5.20	0.00	0.00	0.00	105.14	327.45	0.58	15793.04	16875.68	1689.14
1991-92	35286.39	268460.26	553.85	5.16	0.00	0.00	0.00	147.06	371.24	-2.34	18467.74	19542.71	3014.79
1992-93	47815.22	316275.48	720.59	19.42	0.00	0.00	0.00	174.60	410.21	5.58	20971.29	22301.69	1645.32
1993-94	65247.14	381522.62	683.41	12.65	0.00	0.00	0.00	188.20	432.80	-9.26	24412.33	25720.13	1355.17
1994-95	68233.77	449756.39	671.18	12.10	0.00	0.00	8.02	177.50	464.84	7.80	28512.23	29853.67	1319.34
1995-96	73740.28	523496.66	748.39	15.93	0.00	0.00	4.94	205.08	544.18	-5.84	32875.61	34388.29	1692.87
1996-97	84688.41	608185.07	3409.92	12.91	0.00	0.00	3.22	216.15	528.14	12.88	37785.38	41968.60	1710.24
1997-98	79133.59	687318.66	3716.63	10.31	0.00	0.00	4.79	230.66	665.11	13.20	43006.84	47647.54	1636.50
1998-99	91034.40	778353.06	1232.41	8.95	0.00	0.00	3.74	237.77	924.94	1.66	46485.13	48894.60	1845.37
1999-00	99741.30	878094.36	3500.64	3.88	0.00	0.00	3.93	314.77	1207.06	-0.36	54335.66	59365.58	1576.29
2000-01	109962.18	988056.54	2507.31	2.44	0.00	0.00	1.00	283.41	1130.52	0.00	61135.98	65060.66	1845.92
2001-02	142664.30	1130720.84	1257.88	0.08	0.00	0.00	0.71	312.78	1143.22	0.00	4144.84	6859.51	2056.41

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.15

State : Kaerala

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	5962.80	81973.70	471.86	20.50	1349.25	0.00	0.00	121.42	73.62	286.52	41.46	2364.63	207.36
1991-92	6763.67	88737.38	448.41	-2.03	1475.03	0.00	0.00	125.84	77.65	15.28	50.23	2190.41	166.03
1992-93	7765.64	96503.02	445.77	8.28	1632.13	0.00	0.00	133.57	82.48	-52.16	41.97	2292.04	143.93
1993-94	10207.52	106710.54	564.14	4.95	1762.88	0.00	0.00	171.03	152.60	135.31	38.03	2828.94	235.56
1994-95	11084.68	117771.89	678.37	18.02	1749.70	0.00	0.00	230.85	134.18	451.04	43.21	3305.37	179.36
1995-96	14029.10	131800.99	592.49	0.05	1988.37	0.00	0.00	328.47	299.29	201.49	59.96	3470.12	266.30
1996-97	14067.03	145868.01	482.81	-15.40	2112.29	0.00	0.00	306.15	179.36	358.03	78.38	3501.62	219.71
1997-98	14849.22	160717.24	893.23	7.33	2180.49	0.00	0.00	332.45	216.98	144.79	103.14	3878.41	554.42
1998-99	14263.00	174980.24	883.64	-7.87	2257.28	0.00	0.00	373.02	223.05	369.76	131.12	4230.00	671.23
1999-00	13942.73	188946.26	1541.10	11.05	2174.87	0.00	0.00	485.92	344.29	-66.57	132.63	4623.29	339.94
2000-01	12976.14	201922.40	1998.11	6.95	2081.98	0.00	0.00	500.44	344.28	316.73	143.06	5391.55	382.37
2001-02	11480.31	213402.73	1770.32	-9.66	1939.30	0.00	0.00	456.37	290.69	-135.17	103.11	4414.96	299.33

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.16

State : Madhya Pradesh

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	23193.17	281843.80	5190.11	589.06	1903.85	0.00	0.00	0.00	0.46	347.64	0.30	8031.42	1583.77
1991-92	28727.29	310571.10	5465.28	944.84	2226.72	0.00	0.00	0.00	10.73	733.64	0.00	9381.21	2033.77
1992-93	29982.44	340553.54	5980.63	1280.26	2644.37	0.00	0.00	0.00	0.00	538.97	0.00	10444.23	2547.43
1993-94	30203.52	370757.06	7505.29	1214.87	2876.76	0.00	0.00	0.00	1.63	167.56	0.00	11766.11	2324.12
1994-95	34801.46	405558.52	8778.22	1405.00	3098.13	0.00	0.00	0.00	0.00	435.72	0.27	13717.34	4019.43
1995-96	28904.37	434462.89	10114.84	1649.08	3911.14	0.00	0.00	0.00	0.00	467.38	972.38	17114.82	3648.56
1996-97	31852.87	466315.76	11601.65	1576.48	4602.24	0.00	0.00	0.00	0.00	180.55	0.00	17960.92	4470.51
1997-98	32933.99	499249.75	12965.20	2032.88	5240.45	0.00	0.00	0.00	0.00	66.56	0.00	20305.09	2975.19
1998-99	32433.06	531682.81	18509.04	1971.91	5681.24	0.00	0.00	0.00	3.23	12.39	0.08	26177.89	3734.95
1999-00	26695.39	558378.21	18169.21	1927.55	6948.70	0.00	0.00	0.00	9.91	158.08	405.12	27618.57	4967.01
2000-01 *	16397.07	328532.79	18629.41	1396.61	6876.66	0.00	0.00	0.00	108.35	101.55	8.50	27121.08	3954.87
2001-02	54675.19	383207.98	14389.61	1197.74	1887.62	0.00	0.00	0.00	387.55	201.35	3583.23	21647.10	2712.96

Rs.21189.27 lakhs and Rs.133251.75 lakhs stood as unapportioned Capital Outlay between MP and Chhattisgarh during the year and at the end of the year respectively also amount of Rs.134180.01 lakhs has been transferred to Chhattisgarh.

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.17

State : Maharashtra

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	49976.55	450494.37	6175.97	1.67	2460.09	0.00	363.21	333.77	1079.63	0.00	40524.22	50938.56	1817.11
1991-92	45066.49	495560.86	5688.45	822.93	2970.21	0.00	390.12	390.87	1173.26	541.29	46326.04	58303.17	2142.09
1992-93	55997.38	551558.23	7772.28	733.89	3396.09	0.00	465.96	440.78	1306.82	-312.28	52962.00	66765.54	4576.93
1993-94	68446.99	620005.23	8173.52	652.06	3154.58	0.00	438.47	514.11	1418.92	-195.88	61611.33	75767.11	7828.86
1994-95	101578.86	721584.09	7553.84	747.08	3661.36	0.00	558.95	498.06	1516.02	-237.15	74031.12	88329.28	7098.54
1995-96	125789.46	847639.19	12790.81	861.25	8054.71	0.00	510.75	415.13	1755.46	238.87	81565.93	106192.91	7701.74
1996-97	95402.35	943041.54	10588.57	711.12	7491.25	0.00	838.80	495.40	1811.38	-152.47	102424.62	124208.67	5799.66
1997-98	147517.79	1091109.46	11725.24	868.63	8389.30	0.00	613.07	563.65	1707.11	690.14	116118.40	140675.54	5207.13
1998-99	95022.65	1186132.11	7990.91	659.97	5853.34	0.00	676.67	738.52	1826.62	-235.79	131630.68	149140.92	1985.22
1999-00	125968.00	1312100.11	5954.42	393.30	4355.29	0.00	896.19	959.24	2070.14	-88.65	144548.67	159088.60	6162.91
2000-01	87360.29	1399460.40	5659.36	373.04	2399.16	0.00	933.49	764.10	1605.44	-1100.43	149479.35	160113.51	6249.05
2001-02	112111.83	1511586.53	6178.11	244.88	1089.51	0.00	791.61	697.34	1384.89	-274.50	153445.03	163556.87	8603.45

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.18

State : Manipur

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	2763.85	16163.51	0.00	91.30	0.00	0.00	0.00	0.00	0.00	125.05	286.80	503.15	36.12
1991-92	3231.18	19394.69	84.64	0.00	0.00	0.00	0.00	0.00	0.00	-51.66	411.03	444.01	64.62
1992-93	2110.15	21504.84	114.09	0.00	0.00	0.00	0.00	0.00	0.00	32.57	250.70	397.36	17.60
1993-94	2574.04	24078.89	56.87	0.00	0.00	0.00	0.00	0.00	0.00	0.04	145.28	202.19	45.59
1994-95	2783.00	26861.89	133.13	0.00	0.00	0.00	0.00	0.00	0.00	76.05	200.45	409.63	88.92
1995-96	3113.82	29975.71	156.14	0.00	44.28	0.00	0.00	0.00	0.00	90.59	142.00	433.01	31.28
1996-97	3558.03	33533.75	151.37	0.00	0.00	0.00	0.00	0.00	0.00	185.35	122.09	458.81	0.00
1997-98	3292.45	36826.20	167.53	0.00	29.65	0.00	0.00	0.00	0.00	65.13	487.50	749.81	42.49
1998-99	2796.97	39623.17	173.96	0.00	0.00	0.00	0.00	0.00	0.00	-35.38	835.56	974.14	18.48
1999-00	3762.29	43385.45	711.70	0.00	0.00	0.00	0.00	0.00	0.00	-48.93	883.34	1546.11	37.87
2000-01	2081.85	45467.30	426.87	0.00	0.00	0.00	0.00	0.00	0.00	-39.44	302.10	689.53	30.74
2001-02	4125.61	49592.91	381.11	0.00	0.00	0.00	0.00	0.00	0.00	13.93	138.15	533.19	30.62



### Financial Aspects of Major & Medium Irrigation Projects

Table : A.19

State : Meghalaya

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	55.78	82.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991-92	45.62	128.22	6.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.08	0.00
1992-93	129.30	257.52	10.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.18	0.16
1993-94	98.03	355.56	9.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.79	0.08
1994-95	46.00	401.56	12.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.82	0.10
1995-96	172.56	574.12	14.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.28	0.20
1996-97	149.24	723.36	11.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.96	0.13
1997-98	127.83	851.20	12.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.61	1.22
1998-99	222.51	1073.70	15.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.89	0.22
1999-00	154.00	1227.48	18.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.45	0.11
2000-01	230.92	1458.40	18.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.19	0.10
2001-02	190.22	1648.61	21.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.76	0.11

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.20

State : Mizoram

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	24.53	37.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991-92	23.99	61.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992-93	18.04	79.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993-94	16.30	96.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994-95	0.00	96.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.25	4.25	0.00
1995-96	0.00	96.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00
1996-97	0.00	96.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997-98	0.00	96.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.98	3.98	0.00
1998-99	0.00	96.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.92	2.92	0.00
1999-00	0.00	96.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	3.37	0.00
2000-01	0.00	96.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00
2001-02	0.26	96.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.72	0.00

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.21

State : Orissa

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	17697.68	177221.42	268.57	-78.37	1101.10	0.00	100.00	0.00	156.18	113.83	0.30	1661.61	445.35
1991-92	19892.28	197113.70	390.62	-116.00	1663.88	0.00	70.00	0.00	297.73	197.82	0.30	2504.35	528.17
1992-93	19302.87	216416.56	593.72	-72.02	1968.88	0.00	173.00	0.00	388.22	181.81	0.30	3233.91	1377.94
1993-94	16720.66	233137.22	655.03	-75.90	2211.52	0.00	180.70	0.00	426.60	1.83	2.00	3401.78	549.89
1994-95	15217.72	248354.95	793.27	-53.60	2845.67	0.00	180.00	0.00	460.32	33.01	2.00	4260.67	492.93
1995-96	20180.63	268535.58	930.85	-29.87	3006.17	0.00	150.00	0.00	465.86	-1.04	2.00	4523.97	1117.64
1996-97	34565.94	303101.53	1211.06	-67.36	3410.78	0.00	130.46	0.00	455.95	-40.92	2.00	5101.97	654.14
1997-98	53575.24	356676.77	1136.44	-165.04	3869.03	0.00	92.00	0.00	351.00	80.97	2.00	5366.40	650.05
1998-99	56169.80	412846.60	1873.19	-164.55	3522.40	0.00	100.00	0.00	400.66	104.28	2.00	5837.98	1116.80
1999-00	46495.37	459341.97	1984.06	-194.76	4294.82	0.00	100.76	0.00	387.91	129.38	2.00	6704.17	777.67
2000-01	41830.00	501171.97	2326.30	-160.36	4176.01	0.00	268.31	0.00	414.45	-14.93	2.00	7011.78	1871.38
2001-02	40149.19	541316.69	1912.84	-189.49	4718.32	0.00	180.00	146.15	323.41	92.61	2.00	7185.84	1653.42

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.22

State : Pondicherry

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	20.00	472.22	15.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.75	0.00
1991-92	63.01	535.23	15.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.68	0.15
1992-93	71.60	606.83	18.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.62	0.41
1993-94	87.20	694.03	19.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.58	0.35
1994-95	8.66	702.63	21.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.52	0.32
1995-96	28.80	731.49	25.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.66	0.16
1996-97	26.42	757.91	29.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.10	0.20
1997-98	33.45	791.36	38.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.97	0.19
1998-99	33.45	824.81	42.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.61	0.21
1999-00	63.79	888.58	47.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.56	0.54
2000-01	69.83	958.42	48.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.92	0.14
2001-02	70.02	1028.44	51.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.72	0.23

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.23

State : Punjab

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	7251.39	95986.54	364.51	0.00	8371.55	0.00	0.00	-111.82	124.03	0.00	1.13	8749.40	1416.30
1991-92	16533.44	112519.98	197.83	0.00	9120.75	0.00	0.00	75.74	135.70	0.00	1.23	9531.25	1511.33
1992-93	18522.98	131042.97	218.51	0.00	10465.99	0.00	0.00	70.35	133.84	0.00	1.21	10889.90	1579.88
1993-94	26480.65	157523.61	226.37	0.00	10729.94	0.00	0.00	70.64	146.70	0.00	1.00	11174.65	1641.21
1994-95	34310.15	191833.77	2.81	0.00	11819.02	0.00	0.00	55.22	178.51	0.00	1.01	12056.57	3145.64
1995-96	42583.70	234417.46	10.83	0.00	13252.15	0.00	0.00	60.96	217.54	0.00	0.95	13542.43	3014.15
1996-97	3945.98	238363.44	14.28	0.00	14904.68	0.00	0.00	59.66	453.41	0.00	0.31	15432.34	2764.11
1997-98	49130.88	287494.32	21.70	0.00	15854.97	0.00	0.00	51.12	208.37	0.00	630.36	16766.52	1068.83
1998-99	48291.79	335786.10	15.41	0.00	17682.90	0.00	0.00	40.77	217.00	0.00	630.48	18586.56	1627.57
1999-00	26590.60	362376.70	9.17	0.00	18023.41	0.00	0.00	22.53	341.07	0.00	629.74	19025.92	1769.00
2000-01	25841.11	388217.81	0.21	0.00	21432.98	0.00	0.00	3.71	629.03	0.00	0.05	22065.98	1168.19
2001-02	32093.12	420310.94	0.00	0.00	22116.19	0.00	0.00	3.13	92.51	0.00	0.00	22211.83	1633.32

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.24

State : Rajasthan

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	14395.19	169566.09	293.96	0.00	14202.75	0.00	86.15	36.15	262.73	129.00	274.53	15285.27	1630.70
1991-92	17221.47	186787.56	341.31	0.00	14909.66	0.00	89.81	58.21	325.96	76.27	283.10	16084.32	1859.77
1992-93	21966.71	208754.27	421.60	0.00	22179.02	0.00	88.04	121.36	332.64	-9.85	334.97	23467.78	2072.69
1993-94	24972.43	233726.70	693.87	0.00	24775.64	0.00	105.35	103.04	419.12	-10.64	2129.13	28215.51	1992.36
1994-95	34060.05	267786.75	673.14	0.00	27755.08	0.00	243.65	141.03	478.01	25.25	402.39	29718.55	2109.38
1995-96	35482.67	303269.42	773.47	0.00	31535.26	0.00	153.29	168.16	502.75	-12.05	436.23	33557.11	2144.23
1996-97	30432.24	333701.67	834.05	0.00	35107.68	0.00	103.02	97.63	574.61	-85.70	509.66	37140.95	2427.05
1997-98	39194.42	372896.09	935.21	0.00	38246.44	0.00	109.04	78.11	648.13	5.33	563.51	40585.77	2459.72
1998-99	44141.31	417037.40	1225.71	0.00	49730.59	0.00	219.44	96.48	997.37	-8.68	943.04	53203.95	2340.05
1999-00	35759.62	452797.02	1184.79	0.00	52175.78	0.00	135.33	97.52	1373.03	-68.35	765.64	55663.74	4088.43
2000-01	24933.15	477730.17	1005.62	0.00	55944.52	0.00	125.44	95.40	847.06	-75.14	723.81	58666.71	3647.98
2001-02	26035.34	503765.51	1069.60	0.00	59295.27	0.00	146.78	84.15	837.11	20.43	784.12	62237.46	1842.98

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.25

State : Tamil Nadu

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	4595.25	69786.62	302.02	0.00	6967.05	0.00	146.00	166.17	0.00	0.00	463.64	8044.88	210.55
1991-92	4587.64	74374.25	261.83	0.00	7767.32	0.00	100.00	167.28	0.00	0.00	623.82	8920.25	226.78
1992-93	7067.04	81441.27	292.39	0.00	9318.57	0.00	139.17	202.34	0.00	0.00	809.71	10762.18	236.91
1993-94	7921.67	89362.94	426.39	0.00	10644.45	0.00	85.00	205.61	0.00	0.00	802.97	12164.42	366.79
1994-95	8427.46	97790.41	587.24	0.00	11522.88	0.00	85.00	228.96	0.00	0.00	201.22	12625.30	364.47
1995-96	4893.18	102683.59	837.08	0.00	13503.73	0.00	100.00	303.62	0.00	0.00	153.12	14897.55	371.27
1996-97	1532.65	104157.64	1236.99	-37.07	17606.47	0.00	100.00	297.36	0.00	0.00	-190.89	19012.86	463.72
1997-98	4970.83	109128.47	5377.85	-241.21	19105.11	0.00	192.63	561.33	0.00	0.00	-985.98	24009.73	730.16
1998-99	18797.52	127925.99	7323.53	-112.61	23097.96	0.00	83.78	413.40	0.00	0.00	-1642.58	29163.48	824.76
1999-00	33146.45	161075.30	7976.67	-155.26	24009.76	0.00	113.06	449.86	0.00	0.00	-1745.16	30648.93	985.58
2000-01	27043.32	188118.41	5085.58	-261.97	30897.68	0.00	74.27	432.21	0.00	0.00	-1458.52	34769.25	930.75
2001-02	28598.89	216717.67	6566.54	-152.49	29343.07	0.00	36.98	400.70	0.00	0.00	-1600.37	34594.43	1050.59





### Financial Aspects of Major & Medium Irrigation Projects

Table : A.27

State : Union Government

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	184.90	8369.93	323.33	0.00	0.00	0.00	39.24	954.07	315.29	0.00	2006.09	3638.02	375.56
1991-92	473.99	8843.92	333.41	0.00	0.00	0.00	40.88	1020.98	349.68	0.00	2233.00	3977.95	284.00
1992-93	558.82	9402.74	360.96	0.00	0.00	0.00	39.32	1391.61	456.84	0.00	2629.87	4878.60	309.30
1993-94	416.15	9818.89	375.69	0.00	0.00	0.00	69.32	1250.00	605.62	0.00	2723.23	5023.86	349.20
1994-95	366.50	10119.96	398.05	0.00	0.00	0.00	100.31	1476.91	549.18	0.00	3054.23	5578.68	451.18
1995-96	286.74	10406.70	488.57	0.00	0.00	0.00	68.77	1736.86	812.27	0.00	3820.38	6926.85	295.27
1996-97	1142.41	11549.11	521.88	0.00	0.00	0.00	60.10	1874.48	945.11	0.00	3887.58	7289.15	389.21
1997-98	531.21	12080.32	734.96	0.00	0.00	0.00	72.48	2286.60	1407.87	0.00	5082.76	9584.67	483.48
1998-99	219.40	12299.72	798.15	0.00	0.00	0.00	79.95	2624.25	1703.05	0.00	6669.22	11874.62	651.46
1999-00	241.11	12540.83	916.38	0.00	0.00	0.00	80.93	2744.10	1689.97	0.00	6990.21	12421.59	609.77
2000-01	344.96	12885.79	951.19	0.00	0.00	0.00	125.67	2750.22	1741.70	0.00	6310.54	11879.32	859.85
2001-02	357.57	13243.36	969.78	0.00	0.00	0.00	107.36	3019.27	1869.72	0.00	6733.22	12699.35	771.69

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.28

State : Uttar Pradesh

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	27373.26	347578.41	1259.75	0.00	35583.32	0.00	0.00	0.00	0.00	0.00	67.54	36910.61	3502.64
1991-92	17459.18	365037.59	0.00	0.00	44796.30	0.00	0.00	0.00	0.00	0.00	1449.63	46245.93	3684.47
1992-93	19423.06	384460.64	0.00	0.00	48502.99	0.00	0.00	0.00	0.00	0.11	717.05	49220.15	4596.95
1993-94	26528.19	410988.83	0.00	0.00	50456.76	0.00	0.00	0.00	0.00	0.00	1200.57	51657.33	16123.10
1994-95	21892.68	432818.51	0.00	0.00	54636.92	0.00	0.00	0.00	0.00	0.00	1057.69	55694.61	6548.16
1995-96	31350.94	464169.45	0.00	0.00	61060.82	0.00	0.00	0.00	0.00	0.00	100.00	61160.82	10395.34
1996-97	43279.27	507448.72	226.95	0.00	61280.12	0.00	0.00	0.00	0.00	0.00	230.96	61738.03	10078.47
1997-98	41839.08	549287.80	29655.95	0.00	42033.10	0.00	0.00	0.00	0.00	0.00	140.44	71829.49	4085.50
1998-99	39523.60	588811.40	25062.25	0.00	43485.37	0.00	0.00	0.00	0.00	0.00	1825.34	70372.96	4912.71
1999-00	56849.74	645661.15	44786.27	0.00	46445.74	0.00	0.00	0.00	0.00	0.00	3120.59	94352.60	4016.05
2000-01 *	51109.88	51109.88	25851.64	23.68	52326.51	0.00	0.00	0.00	0.00	34.19	27236.93	105472.95	28213.37
2001-02	72855.58	123965.46	44618.16	40.84	8802.04	0.00	0.00	0.00	0.00	128.66	44478.56	98068.26	11575.84

\* : Rs.26232.27 and Rs.671893.42 lakhs stood as unapportioned Capital Outlay between UP and Uttaranchal during theyear and at the end of year respective].

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.29

State : Uttaranchal

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991-92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992-93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993-94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994-95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995-96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996-97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997-98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998-99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000-01 *	1250.95	1250.95	1321.35	0.10	170.17	0.00	0.00	0.00	0.00	-47.40	92.90	1537.12	223.26
2001-02	2446.75	3697.70	7264.47	1.78	666.52	0.00	0.00	0.00	0.00	2.09	0.00	7934.86	678.52

\* : Rs.26232.27 lakhs and Rs.671893.42lakhs stood as upapportioned Capital Outlay between UP and Uttaranchal during the year and at the end of the year respectivel

### Financial Aspects of Major & Medium Irrigation Projects

Table : A.30

State : West Bengal

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	4581.56	60112.75	1236.42	4.55	4003.44	0.00	9.73	19.09	265.44	12.54	146.66	5697.87	155.14
1991-92	3994.57	64107.33	1315.89	6.65	4091.75	0.00	5.03	26.45	249.69	-1.11	120.59	5814.94	195.30
1992-93	3180.76	67288.09	1474.95	4.77	4210.44	0.00	6.21	16.78	269.65	-0.18	113.75	6096.37	231.45
1993-94	7489.75	74779.85	1696.04	7.49	4903.46	0.00	8.30	27.10	258.63	19.23	103.33	7023.58	230.57
1994-95	7943.94	82723.79	1657.27	10.41	5472.00	0.00	3.22	34.81	260.39	68.29	146.17	7652.56	304.17
1995-96	9982.62	92706.41	1897.49	10.33	6081.98	0.00	1.78	50.11	294.46	45.50	180.71	8562.36	279.85
1996-97	11296.08	104002.49	2202.59	2.62	6946.39	0.00	9.81	45.16	342.12	235.56	194.77	9979.02	279.26
1997-98	9412.75	113415.24	2762.12	6.73	7808.49	0.00	6.72	35.43	365.81	-213.41	361.55	11133.44	242.34
1998-99	9717.78	123133.01	4180.11	14.44	9052.10	0.00	8.65	63.04	544.13	-27.69	242.70	14077.48	293.52
1999-00	9241.86	132374.87	4902.53	16.36	10089.13	0.00	7.47	104.97	526.43	-66.75	1609.34	17189.48	297.01
2000-01	11162.81	143537.68	4926.69	7.93	10716.70	0.00	9.93	62.23	535.98	2.60	2824.88	19086.94	398.95
2001-02	11449.18	154986.86	4845.63	4.87	10309.00	0.00	5.42	66.55	525.31	290.47	91.89	16139.14	367.20

**DETAILED TABLES :**

**SECTION – B**

**FINANCIAL ASPECTS OF MAJOR  
&  
MEDIUM IRRIGATION PROJECTS  
(COMMERCIAL)**

### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.1

All India

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	246464.96	2594123.21	19708.72	666.12	117887.45	0.00	1039.61	1738.87	3057.48	1532.97	93945.83	239577.05	22035.38
1991-92	280945.12	2875068.35	21021.81	1797.29	135939.68	0.00	992.47	2152.06	3427.14	2577.03	108354.83	276262.31	22063.70
1992-93	311744.54	3186812.83	24398.27	2365.82	154359.60	0.00	1240.79	2698.83	3929.88	1041.50	121844.21	311878.90	31374.11
1993-94	367140.82	3553953.68	28068.53	2242.35	168303.42	0.00	1178.46	2668.10	4304.70	962.18	150523.39	358251.13	47048.71
1994-95	447685.17	4001575.88	32973.89	2725.95	191666.62	0.00	1407.20	3003.29	4538.96	2135.75	192728.65	431180.31	43919.27
1995-96	506651.40	4508493.21	41277.26	3124.08	220061.14	0.00	991.33	3442.59	5716.61	2375.62	200651.22	477639.85	48702.74
1996-97	506551.07	5014985.19	46226.42	2921.39	243039.35	0.00	1260.32	3590.19	6286.63	642.47	235977.49	539944.26	44482.70
1997-98	667084.00	5682619.34	83896.22	3358.08	252466.09	0.00	1105.94	4369.25	6615.20	1047.83	268338.28	621196.89	34842.91
1998-99	654608.34	6337227.67	90949.35	3915.53	260007.35	0.00	1172.23	4822.49	7048.66	447.44	348066.39	716429.44	42625.84
1999-00	714289.06	7050469.19	114564.49	4126.93	293853.01	0.00	1513.97	5425.77	8605.83	97.79	364924.87	793112.66	45086.70
2000-01	* 668746.50	6915782.85	95500.07	3916.95	336432.00	0.00	2138.11	5134.08	7585.22	-733.38	419850.05	869823.10	74707.20
2001-02	742113.85	7657906.93	137000.53	3612.08	280149.17	0.00	1268.86	5401.61	7205.21	646.17	384303.95	819587.58	61818.94

\* : Include unapportioned amounts of Capital Outlay between MP & Chhattisgarh, UP & Uttaranchal during the year and at the end of the year.

### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.2

State : Andhra Pradesh

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	24943.34	314691.66	1481.90	20.72	33296.38	0.00	4.62	4.89	0.00	577.15	646.65	36032.31	4751.60
1991-92	28115.36	342807.03	1305.95	15.62	36479.64	0.00	5.45	6.58	0.00	688.73	708.65	39210.62	1298.47
1992-93	33126.25	375933.27	1473.00	95.24	39949.09	0.00	2.09	5.90	0.00	473.22	1042.25	43040.79	6392.11
1993-94	55833.61	431766.88	1577.71	133.91	46732.74	0.00	17.62	0.07	0.00	665.84	1313.69	50441.58	7422.91
1994-95	60552.80	492319.68	2016.17	134.53	56681.03	0.00	8.56	0.00	0.00	1059.50	1477.77	61377.56	10321.79
1995-96	54001.92	546321.60	1156.55	-54.22	67473.90	0.00	1.80	0.00	0.00	1246.79	1357.46	71182.28	9458.94
1996-97	54960.14	601281.74	3481.69	-15.23	76704.15	0.00	14.91	0.00	0.00	-69.18	1893.57	82009.91	6455.31
1997-98	62586.35	663868.09	4130.01	-87.83	84111.86	0.00	15.21	0.00	0.00	-23.16	6292.79	94438.88	630.49
1998-99	63199.88	727067.96	4979.60	-42.22	75449.49	0.00	0.00	0.00	0.00	7.84	30796.09	111190.80	506.87
1999-00	90929.35	817997.31	6903.14	13.10	94868.59	0.00	162.00	0.00	0.00	-63.58	3434.57	105317.82	399.86
2000-01	91559.20	909556.51	7028.68	15.54	119380.89	0.00	600.00	0.00	0.00	69.45	2444.33	129538.89	1123.68
2001-02	93990.26	1003546.77	8003.91	-29.88	123878.69	0.00	0.00	0.00	0.00	-8.99	2369.49	134213.22	1022.77





### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.4

State : Assam

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	378.31	3089.30	21.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.85	0.00
1991-92	568.47	3657.77	47.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.59	0.00
1992-93	668.97	4326.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993-94	923.14	5249.88	117.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117.57	0.00
1994-95	781.61	6031.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995-96	527.84	6559.33	40.29	0.00	0.00	0.00	0.00	0.00	0.00	7.90	0.00	48.19	0.00
1996-97	658.55	7217.88	206.44	0.50	0.00	0.00	0.00	0.00	0.00	-0.17	0.00	206.77	0.00
1997-98	666.52	7884.40	266.67	0.00	0.00	0.00	0.00	0.00	0.00	-7.20	0.00	259.47	0.00
1998-99	801.51	8685.91	387.37	0.00	0.00	0.00	0.00	0.00	0.00	-5.35	0.00	382.02	0.00
1999-00	2404.00	11089.91	661.28	0.00	0.00	0.00	0.00	0.00	0.00	-15.16	0.00	646.12	0.00
2000-01	1844.82	12934.73	410.24	0.00	0.00	0.00	0.00	0.00	0.00	-7.25	0.00	402.99	12.68
2001-02	2175.48	15110.21	694.56	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	698.04	14.12

### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.5

State : Bihar

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	1362.64	17246.09	144.59	0.00	3742.26	0.00	0.00	0.00	354.14	0.00	33.50	4274.49	648.52
1991-92	1018.71	18264.80	172.26	0.00	5183.72	0.00	0.00	0.00	369.05	0.00	20.58	5745.61	1637.38
1992-93	1023.09	19287.89	0.00	0.00	6005.87	0.00	0.00	0.00	496.13	0.00	259.59	6761.59	1914.13
1993-94	899.75	20187.64	265.29	0.00	6076.64	0.00	0.00	0.00	393.53	0.00	40.30	6775.76	1802.38
1994-95	1056.78	21244.42	205.27	0.00	6661.11	0.00	0.00	0.00	390.00	0.00	30.90	7287.28	1613.37
1995-96	2237.23	23481.45	712.78	0.00	5352.49	0.00	0.00	0.00	395.34	0.00	1829.39	8290.00	3080.17
1996-97	1677.18	25158.63	315.37	0.00	7856.36	0.00	0.00	0.00	472.06	0.00	1821.01	10464.80	3764.03
1997-98	1716.67	26875.30	33.65	0.00	11851.30	0.00	0.00	0.00	497.13	0.00	0.00	12382.08	3532.01
1998-99	1229.70	28105.00	2018.47	0.00	14015.34	0.00	0.00	0.00	104.33	0.00	588.07	16726.21	4205.65
1999-00	434.00	28539.00	2037.39	0.00	18023.41	0.00	0.00	0.00	98.15	0.00	122.97	20281.92	4140.22
2000-01	*	485.86	29024.87	104.32	0.00	17670.35	0.00	0.00	75.77	0.00	88.97	17939.41	3389.85
2001-02	20145.13	49170.00	14440.65	0.00	0.00	0.00	0.00	0.00	82.08	0.00	43.35	14566.08	1557.90

\* : The amount of unapportioned Capital Outlay between Bihar & Jharkhand has been retained in Bihar

### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.6

State : Chhattisgarh

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1990-91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1991-92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1992-93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1993-94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1994-95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1995-96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1996-97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1997-98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1998-99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1999-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2000-01	*	3455.10	137635.10	2083.54	133.46	393.75	0.00	0.00	0.00	0.00	-44.47	166.93	2733.21	1037.92
2001-02		12039.86	149674.96	5480.09	222.30	1447.64	0.00	0.00	0.00	0.00	192.67	0.00	7342.70	3819.65

\* : Rs.21189.27 lakhs and Rs.133251.75 lakhs stood as unapportioned Capital Outlay between MP & Chhattisgarh during the year and at the end of the year respectively.



### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.8

State : Goa

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.31	17.31	14.53
1991-92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.84	18.84	39.85
1992-93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.19	22.19	11.70
1993-94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.53	23.53	13.20
1994-95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.01	26.01	7.14
1995-96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.07	31.07	4.28
1996-97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.53	45.53	1.81
1997-98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.83	48.83	2.52
1998-99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.09	63.09	2.83
1999-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.74	59.74	2.60
2000-01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69.08	0.00	0.00	69.08	4.60
2001-02	15.36	15.36	0.00	0.00	0.00	0.00	0.00	0.00	75.00	0.00	0.00	75.00	9.45

### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.9

State : Gujarat

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	40260.57	263527.45	2006.61	90.01	2475.80	0.00	290.66	109.99	98.51	67.20	26755.99	31894.77	2001.36
1991-92	54299.39	317826.84	2396.30	102.23	3211.70	0.00	291.18	133.05	66.45	313.40	29033.85	35548.16	2277.39
1992-93	44358.48	362185.32	2570.49	279.94	3409.01	0.00	327.00	141.54	53.05	239.24	30462.62	37482.89	2279.30
1993-94	24812.93	386998.26	2884.33	278.21	3636.80	0.00	273.70	138.30	48.55	186.57	44138.08	51584.54	3098.68
1994-95	51066.11	438064.37	3419.49	447.02	5636.71	0.00	219.49	159.95	107.51	331.29	47406.58	57728.04	4259.04
1995-96	66595.73	504660.60	4213.07	668.41	5148.03	0.00	0.00	174.20	429.46	104.96	62435.79	73173.92	3722.44
1996-97	93321.04	597981.14	4458.55	750.25	5304.17	0.00	0.00	198.20	524.49	106.60	72124.65	83466.91	3753.58
1997-98	117424.17	715405.31	4980.22	925.93	5961.48	0.00	0.00	229.90	547.69	292.30	85213.33	98150.85	9129.21
1998-99	124919.97	840325.29	6964.03	1587.51	6352.52	0.00	0.00	235.24	104.28	253.23	115599.56	131096.37	13209.33
1999-00	129801.51	970126.80	7288.17	2111.71	6917.52	0.00	14.30	246.86	557.87	255.52	135227.51	152619.46	11068.40
2000-01	97016.00	1067142.80	7438.75	2379.53	7328.54	0.00	0.00	242.36	83.24	129.21	155298.47	172900.10	13658.17
2001-02	43747.61	1110890.41	7336.94	2277.63	6952.34	0.00	0.00	215.17	193.72	130.32	152307.59	169413.71	13208.60

### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.10

State : Haryana

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	4864.01	90569.10	782.75	12.78	2910.27	0.00	0.00	0.00	0.00	0.00	6986.55	10692.35	1730.50
1991-92	6459.44	97028.54	2102.83	17.89	2574.92	0.00	0.00	0.00	0.00	0.00	8980.92	13676.56	1580.82
1992-93	7037.14	104065.68	2073.38	16.04	1867.77	0.00	0.00	0.00	0.00	-44.07	11785.56	15698.68	1796.19
1993-94	8126.84	112192.52	2223.88	14.11	1888.54	0.00	0.00	0.00	0.00	-9.96	12308.34	16424.91	2038.22
1994-95	5297.28	117489.80	5539.57	5.39	1819.55	0.00	0.00	0.00	0.00	-32.25	36076.77	43409.03	1919.19
1995-96	8676.43	126166.24	5969.75	3.12	1469.45	0.00	0.00	0.00	0.00	73.23	14590.27	22105.82	2100.25
1996-97	17092.12	143258.36	5433.62	2.57	1570.35	0.00	0.00	0.00	0.00	97.29	15065.32	22169.15	2429.96
1997-98	24220.29	167478.65	4561.14	0.35	8604.89	0.00	0.00	0.00	0.00	-1.69	11503.27	24667.96	2738.04
1998-99	26750.43	194229.08	7505.53	0.00	4787.47	0.00	0.00	0.00	0.00	-24.21	13283.48	25552.27	6103.55
1999-00	27128.27	221357.35	6749.27	0.00	6123.82	0.00	0.00	0.00	0.00	-75.77	14416.49	27213.81	3829.58
2000-01	25645.76	247003.11	6187.70	0.00	6376.72	0.00	0.00	0.00	0.00	-91.80	14918.80	27391.42	5430.12
2001-02	28068.18	275071.29	8665.29	0.00	7922.85	0.00	0.00	0.00	0.00	-15.35	17688.19	34260.98	6850.64

### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.11

State : Himachal Pradesh

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	0.00	72.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.61
1991-92	0.00	72.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1992-93	0.00	72.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1993-94	0.00	72.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
1994-95	5.23	77.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35
1995-96	16.00	93.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
1996-97	34.99	128.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997-98	15.80	144.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998-99	55.71	199.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999-00	28.21	227.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
2000-01	20.13	248.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
2001-02	0.00	248.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.26	0.00	23.26	0.00



### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.12

State : Jammu & Kashmir

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR if any	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	871.37	18228.97	0.00	0.00	347.11	0.00	0.00	0.00	0.00	-1.49	322.05	667.67	19.40
1991-92	1205.64	19434.61	0.00	0.00	457.35	0.00	0.00	0.00	0.00	14.05	245.73	717.13	20.49
1992-93	1255.55	20690.17	0.00	0.00	471.77	0.00	0.00	0.00	0.00	21.11	246.50	739.38	34.22
1993-94	1151.68	21841.85	0.00	0.00	437.28	0.00	0.00	0.00	0.00	11.58	333.15	782.01	21.85
1994-95	1287.08	23128.93	0.00	0.00	457.91	0.00	0.00	0.00	0.00	-6.75	255.53	706.69	33.14
1995-96	1414.00	24542.93	0.00	0.00	459.54	0.00	0.00	0.00	0.00	8.43	247.93	715.90	100.39
1996-97	1255.08	25798.01	0.00	0.00	877.30	0.00	0.00	0.00	0.00	0.00	0.00	877.30	53.32
1997-98	1513.72	27311.74	0.00	0.00	808.42	0.00	0.00	0.00	0.00	0.00	0.00	808.42	35.15
1998-99	1897.88	29209.62	0.00	0.00	1165.38	0.00	0.00	0.00	0.00	0.00	0.00	1165.38	30.94
1999-00	869.43	30079.05	0.00	0.00	1618.06	0.00	0.00	0.00	0.00	0.00	0.00	1618.06	27.73
2000-01	1791.29	31870.34	1656.48	0.00	378.06	0.00	0.00	0.00	0.00	-5.69	140.90	2169.75	44.20
2001-02	2349.10	34219.44	1209.73	0.00	728.63	0.00	0.00	0.00	0.00	-1.68	0.00	1936.68	58.30

### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.13

State : Jharkhand

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991-92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992-93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993-94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994-95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995-96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996-97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997-98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998-99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000-01	* 780.29	780.29	327.59	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	327.91	566.09
2001-02	15545.32	16325.61	326.42	0.00	1345.70	0.00	0.00	0.00	0.00	0.00	0.00	1672.12	2673.55

\* : The amount of unapportioned Capital Outlay between Bihar and Jharkhand has been retained in Bihar.

### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.14

State : Karnataka

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	24251.78	233173.87	644.27	5.20	0.00	0.00	0.00	105.14	327.45	0.58	15793.04	16875.68	1689.14
1991-92	35286.39	268460.26	553.85	5.16	0.00	0.00	0.00	147.06	371.24	-2.34	18467.74	19542.71	3014.79
1992-93	47815.22	316275.48	720.59	19.42	0.00	0.00	0.00	174.60	410.21	5.58	20971.29	22301.69	1645.32
1993-94	65247.14	381522.62	683.41	12.65	0.00	0.00	0.00	188.20	432.80	-9.26	24412.33	25720.13	1355.17
1994-95	68233.77	449756.39	671.18	12.10	0.00	0.00	8.02	177.50	464.84	7.80	28512.23	29853.67	1319.34
1995-96	73740.28	523496.66	748.39	15.93	0.00	0.00	4.94	205.08	544.18	-5.84	32875.61	34388.29	1692.87
1996-97	84688.41	608185.07	3409.92	12.91	0.00	0.00	3.22	216.15	528.14	12.88	37785.38	41968.60	1710.24
1997-98	79133.59	687318.66	3716.63	10.31	0.00	0.00	4.79	230.66	665.11	13.20	43006.84	47647.54	1636.50
1998-99	91034.40	778353.06	1232.41	8.95	0.00	0.00	3.74	237.77	924.94	1.66	46485.13	48894.60	1845.37
1999-00	99741.30	878094.36	3500.64	3.88	0.00	0.00	3.93	314.77	1207.06	-0.36	54335.66	59365.58	1576.29
2000-01	109962.18	988056.54	2507.31	2.44	0.00	0.00	1.00	283.41	1130.52	0.00	61135.98	65060.66	1845.92
2001-02	142664.30	1130720.84	1257.88	0.08	0.00	0.00	0.71	312.78	1143.22	0.00	4144.84	6859.51	2056.41

### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.15

State : Kerala

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR if any	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	608.45	9026.43	471.86	20.50	1243.74	0.00	0.00	121.42	73.62	286.52	41.46	2259.12	67.37
1991-92	662.58	9689.01	448.41	-2.03	1362.28	0.00	0.00	125.84	77.65	15.28	50.23	2077.66	71.11
1992-93	887.10	10576.11	445.77	8.28	1525.97	0.00	0.00	133.57	82.48	-52.16	41.97	2185.88	68.33
1993-94	1422.83	11998.94	564.14	4.95	1641.91	0.00	0.00	171.03	152.60	135.31	38.03	2707.97	74.81
1994-95	1601.44	13600.38	678.37	18.02	1622.49	0.00	0.00	230.85	134.18	451.04	43.21	3178.16	86.16
1995-96	808.74	14409.12	592.49	0.05	1868.63	0.00	0.00	328.47	299.29	201.49	59.96	3350.38	76.78
1996-97	407.67	14816.79	482.81	-15.40	1979.44	0.00	0.00	306.15	179.36	358.03	78.38	3368.77	71.24
1997-98	1904.95	16721.74	893.23	7.33	1949.46	0.00	0.00	332.45	216.98	144.79	103.14	3647.38	454.02
1998-99	1903.94	18625.68	883.64	-7.87	1953.64	0.00	0.00	373.02	223.05	369.76	131.12	3926.36	495.62
1999-00	2403.66	21052.62	1541.10	11.05	1927.16	0.00	0.00	485.92	344.29	-66.57	132.63	4375.58	137.04
2000-01	2352.44	23405.06	1998.11	6.95	1914.22	0.00	0.00	500.44	344.28	316.73	143.06	5223.79	169.81
2001-02	1107.70	24512.78	1770.32	-9.66	1699.13	0.00	0.00	456.37	290.69	-135.17	103.11	4174.79	139.44

### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.16

State : Madhya Pradesh

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	23193.17	281843.80	5190.11	589.06	1903.85	0.00	0.00	0.00	0.46	347.64	0.30	8031.42	1583.77
1991-92	28727.29	310571.10	5465.28	944.84	2226.72	0.00	0.00	0.00	10.73	733.64	0.00	9381.21	2033.77
1992-93	29982.44	340553.54	5980.63	1280.26	2644.37	0.00	0.00	0.00	0.00	538.97	0.00	10444.23	2547.43
1993-94	30203.52	370757.06	7505.29	1214.87	2876.76	0.00	0.00	0.00	1.63	167.56	0.00	11766.11	2324.12
1994-95	34801.46	405558.52	8778.22	1405.00	3098.13	0.00	0.00	0.00	0.00	435.72	0.27	13717.34	4019.43
1995-96	28904.37	434462.89	10114.84	1649.08	3911.14	0.00	0.00	0.00	0.00	467.38	972.38	17114.82	3648.56
1996-97	31852.87	466315.76	11601.65	1576.48	4602.24	0.00	0.00	0.00	0.00	180.55	0.00	17960.92	4470.51
1997-98	32933.99	499249.75	12965.20	2032.88	5240.45	0.00	0.00	0.00	0.00	66.56	0.00	20305.09	2975.19
1998-99	32433.06	531682.81	18509.04	1971.91	5681.24	0.00	0.00	0.00	3.23	12.39	0.08	26177.89	3734.95
1999-00	26695.39	558378.21	18169.21	1927.55	6948.70	0.00	0.00	0.00	9.91	158.08	405.12	27618.57	4967.01
2000-01	16397.07	328532.79	18629.41	1396.61	6876.66	0.00	0.00	0.00	108.35	101.55	8.50	27121.08	3954.87
2001-02	54675.19	383207.98	14389.61	1197.74	1887.62	0.00	0.00	0.00	387.55	201.35	3583.23	21647.10	2712.96

\* : Rs.21189.27 lakhs and Rs.133251.75 lakhs stood as unapportioned Capital Outlay between MP & Chhattisgarh during the year and the end of the year respectively.  
also an amount of Rs.134180.01 lakhs has been transferred to Chhattisgarh.

### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.17

State : Maharashtra

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	49976.55	450494.37	6175.97	1.67	2460.09	0.00	363.21	333.77	1079.63	0.00	40524.22	50938.56	1817.11
1991-92	45066.49	495560.86	5688.45	822.93	2970.21	0.00	390.12	390.87	1173.26	541.29	46326.04	58303.17	2142.09
1992-93	55997.38	551558.23	7772.28	733.89	3396.09	0.00	465.96	440.78	1306.82	-312.28	52962.00	66765.54	4576.93
1993-94	68446.99	620005.23	8173.52	652.06	3154.58	0.00	438.47	514.11	1418.92	-195.88	61611.33	75767.11	7828.86
1994-95	101578.86	721584.09	7553.84	747.08	3661.36	0.00	558.95	498.06	1516.02	-237.15	74031.12	88329.28	7098.54
1995-96	125789.46	847639.19	12790.81	861.25	8054.71	0.00	510.75	415.13	1755.46	238.87	81565.93	106192.91	7701.74
1996-97	95402.35	943041.54	10588.57	711.12	7491.25	0.00	838.80	495.40	1811.38	-152.47	102424.62	124208.67	5799.66
1997-98	147517.79	1091109.46	11725.24	868.63	8389.30	0.00	613.07	563.65	1707.11	690.14	116118.40	140675.54	5207.13
1998-99	95022.65	1186132.11	7990.91	659.97	5853.34	0.00	676.67	738.52	1826.62	-235.79	131630.68	149140.92	1985.22
1999-00	125968.00	1312100.11	5954.42	393.30	4355.29	0.00	896.19	959.24	2070.14	-88.65	144548.67	159088.60	6162.91
2000-01	87360.29	1399460.40	5659.36	373.04	2399.16	0.00	933.49	764.10	1605.44	-1100.43	149479.35	160113.51	6249.05
2001-02	112111.83	1511586.53	6178.11	244.88	1089.51	0.00	791.61	697.34	1384.89	-274.50	153445.03	163556.87	8603.45

### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.18

State : Manipur

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	67.27	673.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	286.80	286.80	0.20
1991-92	68.00	741.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	411.03	411.03	3.77
1992-93	79.69	821.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250.70	250.70	0.70
1993-94	29.30	850.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145.28	145.28	45.59
1994-95	95.96	946.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.45	200.45	6.54
1995-96	80.59	1027.00	0.00	0.00	44.28	0.00	0.00	0.00	0.00	0.00	142.00	186.28	0.38
1996-97	87.25	1114.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122.09	122.09	0.00
1997-98	249.20	1363.45	0.00	0.00	29.65	0.00	0.00	0.00	0.00	0.00	487.50	517.15	2.66
1998-99	72.05	1435.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	835.56	835.56	0.39
1999-00	362.10	1797.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	883.34	883.34	0.44
2000-01	119.73	1917.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	302.10	302.10	0.00
2001-02	149.22	2066.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	138.15	138.15	0.00







### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.21

State : Orissa

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	17697.68	176961.37	268.57	-78.37	1101.10	0.00	100.00	0.00	156.18	113.83	0.30	1661.61	420.14
1991-92	19892.28	196853.65	390.62	-116.00	1663.88	0.00	70.00	0.00	297.73	197.82	0.30	2504.35	520.39
1992-93	19302.87	216156.51	593.72	-72.02	1968.88	0.00	173.00	0.00	388.22	181.81	0.30	3233.91	1369.70
1993-94	16720.66	232877.17	655.03	-75.90	2211.52	0.00	180.70	0.00	426.60	1.83	2.00	3401.78	540.62
1994-95	15217.72	248094.90	793.27	-53.60	2845.67	0.00	180.00	0.00	460.32	33.01	2.00	4260.67	489.19
1995-96	20180.63	268275.53	930.85	-29.87	3006.17	0.00	150.00	0.00	465.86	-1.04	2.00	4523.97	1116.56
1996-97	34565.94	302841.48	1211.06	-67.36	3410.78	0.00	130.46	0.00	455.95	-40.92	2.00	5101.97	649.67
1997-98	53575.24	356416.72	1136.44	-165.04	3869.03	0.00	92.00	0.00	351.00	80.97	2.00	5366.40	640.56
1998-99	56169.80	412586.55	1873.19	-164.55	3522.40	0.00	100.00	0.00	400.66	104.28	2.00	5837.98	1111.68
1999-00	46495.37	459081.92	1984.06	-194.76	4294.82	0.00	100.76	0.00	387.91	129.38	2.00	6704.17	770.14
2000-01	41830.00	500911.92	2326.30	-160.36	4176.01	0.00	268.31	0.00	414.45	-14.93	2.00	7011.78	1860.50
2001-02	40149.19	541056.64	1912.84	-189.49	4718.32	0.00	180.00	146.15	323.41	92.61	2.00	7185.84	1638.45



**Financial Aspects of Major & Medium Irrigation Projects (Commercial)**

Table : B.23

State : Punjab

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	7251.39	95986.54	364.51	0.00	8244.01	0.00	0.00	-111.82	124.03	0.00	1.13	8621.86	1416.30
1991-92	16533.44	112519.98	197.83	0.00	9001.32	0.00	0.00	75.74	135.70	0.00	1.23	9411.82	1511.33
1992-93	18522.98	131042.97	218.51	0.00	10331.84	0.00	0.00	70.35	133.84	0.00	1.21	10755.75	1579.88
1993-94	26480.65	157523.61	226.37	0.00	10570.93	0.00	0.00	70.64	146.70	0.00	1.00	11015.64	1641.21
1994-95	34310.15	191833.77	2.81	0.00	11666.85	0.00	0.00	55.22	178.51	0.00	1.01	11904.40	3145.64
1995-96	42583.70	234417.46	10.83	0.00	13076.50	0.00	0.00	60.96	217.54	0.00	0.95	13366.78	3014.15
1996-97	3945.98	238363.44	14.28	0.00	14684.44	0.00	0.00	59.66	453.41	0.00	0.31	15212.10	2764.11
1997-98	49130.88	287494.32	21.70	0.00	15535.25	0.00	0.00	51.12	208.37	0.00	630.36	16446.80	1068.83
1998-99	48291.79	335786.10	15.41	0.00	17283.01	0.00	0.00	40.77	217.00	0.00	630.48	18186.67	1627.57
1999-00	26590.60	362376.70	9.17	0.00	17625.19	0.00	0.00	22.53	341.07	0.00	629.74	18627.70	1769.00
2000-01	25841.11	388217.81	0.21	0.00	21277.38	0.00	0.00	3.71	629.03	0.00	0.05	21910.38	1168.19
2001-02	32093.12	420310.94	0.00	0.00	22116.19	0.00	0.00	3.13	92.51	0.00	0.00	22211.83	1633.32

### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.24

State : Rajasthan

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	14252.46	168278.91	293.96	0.00	14202.75	0.00	86.15	36.15	262.73	129.00	274.53	15285.27	1630.70
1991-92	16905.46	185184.37	341.31	0.00	14909.66	0.00	89.81	58.21	325.96	76.27	283.10	16084.32	1521.29
1992-93	21733.05	206917.42	421.60	0.00	22179.02	0.00	88.04	121.36	332.64	-9.85	334.97	23467.78	1783.53
1993-94	24744.45	231661.87	693.87	0.00	24775.64	0.00	105.35	103.04	419.12	-10.64	2129.13	28215.51	1747.06
1994-95	33768.14	265430.01	673.14	0.00	27755.08	0.00	243.65	141.03	478.01	25.25	402.39	29718.55	1912.47
1995-96	35013.24	300443.25	773.47	0.00	31535.26	0.00	153.29	168.16	502.75	-12.05	436.23	33557.11	1579.71
1996-97	29937.52	330380.77	834.05	0.00	35107.68	0.00	103.02	97.63	574.61	-85.70	509.66	37140.95	1288.65
1997-98	38636.38	369017.15	935.21	0.00	38246.44	0.00	109.04	78.11	648.13	5.33	563.51	40585.77	1187.27
1998-99	43232.48	412249.63	1225.71	0.00	49730.59	0.00	219.44	96.48	997.37	-8.68	943.04	53203.95	1022.14
1999-00	35507.74	447757.37	1184.79	0.00	52175.78	0.00	135.33	97.52	1373.03	-68.35	765.64	55663.74	3805.31
2000-01	24838.43	472595.80	1005.62	0.00	55879.48	0.00	125.44	95.40	847.06	-75.14	723.81	58601.67	3299.99
2001-02	26036.25	498632.05	1069.60	0.00	59150.74	0.00	146.78	84.15	837.11	20.43	784.12	62092.93	1118.15

**Financial Aspects of Major & Medium Irrigation Projects (Commercial)**

Table : B.25

State : Tamil Nadu

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	4595.25	60038.56	302.02	0.00	6967.05	0.00	146.00	166.17	0.00	0.00	41.71	7622.95	210.55
1991-92	4587.64	64626.19	261.83	0.00	7767.32	0.00	100.00	167.28	0.00	0.00	3.37	8299.80	226.78
1992-93	7067.04	71693.21	292.39	0.00	9318.57	0.00	139.17	202.34	0.00	0.00	2.39	9954.86	236.91
1993-94	7921.67	79614.88	426.39	0.00	10644.45	0.00	85.00	205.61	0.00	0.00	0.07	11361.52	366.79
1994-95	8427.46	88042.35	587.24	0.00	11522.88	0.00	85.00	228.96	0.00	0.00	0.07	12424.15	364.47
1995-96	4893.18	92935.53	837.08	0.00	13503.73	0.00	100.00	303.62	0.00	0.00	1.16	14745.59	371.27
1996-97	1532.65	94409.58	1236.99	-37.07	17606.47	0.00	100.00	297.36	0.00	0.00	-208.34	18995.41	463.72
1997-98	4970.83	99380.41	5377.85	-241.21	19105.11	0.00	192.63	561.33	0.00	0.00	-1220.42	23775.29	730.16
1998-99	18797.52	118177.93	7323.53	-112.61	23097.96	0.00	83.78	413.40	0.00	0.00	-1662.17	29143.89	824.76
1999-00	33146.45	151327.24	7976.67	-155.26	24009.76	0.00	113.06	449.86	0.00	0.00	-1759.35	30634.74	985.58
2000-01	27043.32	178370.35	5085.58	-261.97	30897.68	0.00	74.27	432.21	0.00	0.00	-1468.45	34759.32	930.75
2001-02	28598.89	206969.61	6566.54	-152.49	29343.07	0.00	36.98	400.70	0.00	0.00	-1608.82	34585.98	1050.59



### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.27

State : Union Government

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	184.90	6927.04	323.33	0.00	0.00	0.00	39.24	954.07	315.29	0.00	2006.09	3638.02	375.56
1991-92	418.99	7346.03	333.41	0.00	0.00	0.00	40.88	1020.98	349.68	0.00	2233.00	3977.95	284.00
1992-93	538.99	7885.02	360.96	0.00	0.00	0.00	39.32	1391.61	456.84	0.00	2629.87	4878.60	309.30
1993-94	381.15	8266.17	375.69	0.00	0.00	0.00	69.32	1250.00	605.62	0.00	2723.23	5023.86	349.20
1994-95	311.50	8577.67	398.05	0.00	0.00	0.00	100.31	1476.91	549.18	0.00	3054.23	5578.68	451.18
1995-96	231.74	8809.41	488.57	0.00	0.00	0.00	68.77	1736.86	812.27	0.00	3820.38	6926.85	295.27
1996-97	1087.41	9896.82	521.88	0.00	0.00	0.00	60.10	1874.48	945.11	0.00	3887.58	7289.15	389.21
1997-98	511.21	10408.03	734.96	0.00	0.00	0.00	72.48	2286.60	1407.87	0.00	5082.76	9584.67	483.48
1998-99	185.40	10593.43	798.15	0.00	0.00	0.00	79.95	2624.25	1703.05	0.00	6669.22	11874.62	651.46
1999-00	227.11	10820.54	916.38	0.00	0.00	0.00	80.93	2744.10	1689.97	0.00	6990.21	12421.59	609.77
2000-01	332.61	11153.15	951.19	0.00	0.00	0.00	125.67	2750.22	1741.70	0.00	6310.54	11879.32	859.85
2001-02	347.57	11500.72	969.78	0.00	0.00	0.00	107.36	3019.27	1869.72	0.00	6733.22	12699.35	771.69



### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.28

State : Uttar Pradesh

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	27356.73	345968.44	0.00	0.00	35376.00	0.00	0.00	0.00	0.00	0.00	67.54	35443.54	3502.64
1991-92	17445.99	363414.43	0.00	0.00	44444.81	0.00	0.00	0.00	0.00	0.00	1449.63	45894.44	3684.47
1992-93	19415.55	382829.96	0.00	0.00	47535.86	0.00	0.00	0.00	0.00	0.11	717.05	48253.02	4596.95
1993-94	26523.27	409353.24	0.00	0.00	49304.71	0.00	0.00	0.00	0.00	0.00	1200.57	50505.28	16123.10
1994-95	21855.64	431145.88	0.00	0.00	53326.06	0.00	0.00	0.00	0.00	0.00	1057.69	54383.75	6548.16
1995-96	31311.03	462456.91	0.00	0.00	59755.93	0.00	0.00	0.00	0.00	0.00	100.00	59855.93	10395.34
1996-97	43279.27	505736.18	226.95	0.00	59775.38	0.00	0.00	0.00	0.00	0.00	230.96	60233.29	10078.47
1997-98	41839.08	547575.26	29655.95	0.00	41915.30	0.00	0.00	0.00	0.00	0.00	140.44	71711.69	4085.50
1998-99	39523.60	587098.86	25062.25	0.00	43370.60	0.00	0.00	0.00	0.00	0.00	1825.34	70258.19	4912.71
1999-00	56849.74	643948.61	44786.27	0.00	46347.66	0.00	0.00	0.00	0.00	0.00	3120.59	94254.52	4016.05
2000-01	* 51109.88	51109.88	25851.64	23.68	52214.70	0.00	0.00	0.00	0.00	34.19	27236.93	105361.14	28213.37
2001-02	72855.58	123965.46	44618.16	40.84	8707.95	0.00	0.00	0.00	0.00	128.66	44478.56	97974.17	11575.84

\* : Rs.26232.27 lakhs and Rs.671893.42 lakhs stood as unapportioned Capital Outlay between UP and Uttaranchal during the year and at the end of the year respectivel

### Financial Aspects of Major & Medium Irrigation Projects (Commercial)

Table : B.29

State : Uttaranchal

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991-92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992-93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993-94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994-95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995-96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996-97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997-98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998-99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000-01	* 1250.95	1250.95	1321.35	0.10	160.34	0.00	0.00	0.00	0.00	-47.40	92.90	1527.29	223.26
2001-02	2446.75	3697.70	7264.47	1.78	648.68	0.00	0.00	0.00	0.00	2.09	0.00	7917.02	678.52

\* : Rs.26232.27 lakhs and Rs.671893.42 lakhs stood as unapportioned Capital Outlay between UP & Uttaranchal during the year and at the end of the year respectively

**Financial Aspects of Major & Medium Irrigation Projects (Commercial)**

Table : B.30

State : West Bengal

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	4268.78	57024.89	1236.42	4.55	3617.04	0.00	9.73	19.09	265.44	12.54	146.66	5311.47	153.05
1991-92	3613.95	60638.85	1315.89	6.65	3686.15	0.00	5.03	26.45	249.69	-1.11	120.59	5409.34	193.31
1992-93	2785.41	63424.26	1474.95	4.77	3755.49	0.00	6.21	16.78	269.65	-0.18	113.75	5641.42	230.30
1993-94	7156.91	70581.16	1696.04	7.49	4350.92	0.00	8.30	27.10	258.63	19.23	103.33	6471.04	228.09
1994-95	7390.18	77971.34	1657.27	10.41	4911.79	0.00	3.22	34.81	260.39	68.29	146.17	7092.35	302.37
1995-96	9472.73	87444.07	1897.49	10.33	5401.38	0.00	1.78	50.11	294.46	45.50	180.71	7881.76	277.64
1996-97	10615.41	98059.48	2202.59	2.62	6069.34	0.00	9.81	45.16	342.12	235.56	194.77	9101.97	277.43
1997-98	8409.51	106468.99	2762.12	6.73	6848.15	0.00	6.72	35.43	365.81	-213.41	361.55	10173.10	239.40
1998-99	8864.06	115333.04	4180.11	14.44	7744.37	0.00	8.65	63.04	544.13	-27.69	242.70	12769.75	292.30
1999-00	8706.83	124039.87	4902.53	16.36	8617.25	0.00	7.47	104.97	526.43	-66.75	1609.34	15717.60	294.61
2000-01	10288.49	134328.36	4926.69	7.93	9108.06	0.00	9.93	62.23	535.98	2.60	2824.88	17478.30	397.26
2001-02	10801.70	145130.06	4845.63	4.87	8512.11	0.00	5.42	66.55	525.31	290.47	91.89	14342.25	365.62

**DETAILED TABLES :**

**SECTION – C**

**FINANCIAL ASPECTS OF MAJOR  
&  
MEDIUM IRRIGATION PROJECTS  
(NON-COMMERCIAL)**

**Financial Aspects of Major & Medium Irrigation Projects (Non--commercial)**

Table : C.1

All India

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)										GR if any
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	38173.36	461567.42	1803.06	91.30	2951.95	0.00	0.00	0.00	0.00	125.08	671.03	5642.42	380.06
1991-92	32241.47	493808.90	636.88	1.81	1341.72	0.00	0.00	0.00	0.00	-57.08	835.32	2758.65	677.81
1992-93	29887.34	523696.28	1289.31	0.00	1977.86	0.00	0.00	0.00	0.00	36.37	1030.21	4333.75	654.95
1993-94	30386.39	554084.67	1486.79	0.00	2295.33	0.00	0.00	0.00	0.00	-5.86	957.25	4733.51	708.82
1994-95	32921.85	586983.14	1178.87	3.08	2530.35	0.00	0.00	0.00	0.00	55.98	295.45	4063.73	526.80
1995-96	39212.20	626195.39	1198.50	0.66	2651.85	0.00	0.00	0.00	0.00	110.98	250.76	4212.75	840.25
1996-97	42891.36	669086.76	1035.37	0.13	3318.04	0.00	0.00	0.00	0.00	200.00	66.34	4619.88	1356.49
1997-98	46709.01	715795.78	1452.47	5.90	2167.95	0.00	0.00	0.00	0.00	122.05	846.35	4594.72	1491.22
1998-99	54762.28	770558.08	2014.47	0.00	2507.81	0.00	0.00	0.00	0.00	11.33	575.14	5108.75	1554.46
1999-00	73182.55	844814.09	2201.98	0.00	2673.05	0.00	0.00	0.00	0.00	-16.53	50.56	4909.06	607.75
2000-01	60837.96	903939.51	3848.14	0.00	2321.90	0.00	0.00	0.00	0.00	28.56	220.37	6418.97	644.52
2001-02	22823.76	926763.31	2662.33	0.00	2553.40	0.00	0.00	0.00	0.00	-4.44	170.54	5381.83	3405.56



### Financial Aspects of Major & Medium Irrigation Projects (Non-commercial)

Table : C.3

State : Arunachal Pradesh

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR if any	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	0.00	136.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	2.50	0.00
1991-92	0.00	136.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.50	44.50	0.00
1992-93	0.00	136.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.06	70.06	0.00
1993-94	0.00	136.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.26	49.26	0.00
1994-95	0.00	136.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.77	49.77	0.00
1995-96	0.00	136.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	50.00	0.00
1996-97	0.00	136.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.25	48.25	0.00
1997-98	0.00	136.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.90	93.90	0.00
1998-99	0.00	136.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.87	36.87	0.00
1999-00	0.00	136.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.00	33.00	0.00
2000-01	0.00	136.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.97	33.97	0.00
2001-02	0.00	136.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00	36.00	0.00

### Financial Aspects of Major & Medium Irrigation Projects (Non-commercial)

Table : C.4

State : Assam

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR if any	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	1995.56	20800.05	15.98	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	183.61	199.22	26.31
1991-92	2734.00	23534.05	4.62	0.00	0.00	0.00	0.00	0.00	0.00	0.02	124.86	129.50	43.04
1992-93	1696.36	25230.41	36.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	152.40	189.20	19.76
1993-94	1608.01	26838.42	8.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.50	66.44	16.70
1994-95	2065.69	28904.11	297.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	297.20	5.25
1995-96	1855.12	30759.22	255.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	255.38	2.64
1996-97	1801.21	32560.43	141.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	141.31	7.21
1997-98	2484.44	35044.87	180.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	180.81	35.84
1998-99	3064.15	38109.02	400.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	400.57	6.34
1999-00	2620.00	40729.02	324.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	324.57	16.00
2000-01	2580.80	43309.82	2072.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2072.02	2.24
2001-02	1882.43	45192.30	1521.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.51	1550.20	3.63



**Financial Aspects of Major & Medium Irrigation Projects (Non-commercial)**

Table : C.5

State : Bihar

*(Rs. lakhs)*

Year	Capital Outlay		Working Expenses (WE)									GR if any	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	24304.81	310428.91	0.80	0.00	1894.29	0.00	0.00	0.00	0.00	0.00	62.99	1958.08	0.00
1991-92	15933.16	326362.07	0.41	0.00	68.78	0.00	0.00	0.00	0.00	0.00	45.51	114.70	0.00
1992-93	15263.27	341625.34	0.00	0.00	76.78	0.00	0.00	0.00	0.00	0.00	0.43	77.21	0.00
1993-94	14550.61	356175.95	0.78	0.00	67.74	0.00	0.00	0.00	0.00	0.00	47.59	116.11	0.00
1994-95	14139.19	370315.14	0.50	0.00	74.13	0.00	0.00	0.00	0.00	0.00	44.53	119.16	0.00
1995-96	16350.74	386665.88	0.00	0.00	53.47	0.00	0.00	0.00	0.00	0.00	5.26	58.73	0.00
1996-97	19094.43	405760.32	0.00	0.00	210.12	0.00	0.00	0.00	0.00	0.00	0.64	210.76	0.00
1997-98	22805.08	428565.40	8.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.42	0.00
1998-99	31158.09	459723.49	9.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.04	0.00
1999-00	50847.66	510571.15	24.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.79	0.00
2000-01	33270.89	543842.04	32.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.46	0.00
2001-02	0.00	543842.04	24.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.21	0.00



### Financial Aspects of Major & Medium Irrigation Projects (Non-commercial)

Table : C.7

State : Delhi

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR if any	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991-92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992-93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993-94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994-95	0.00	65.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995-96	0.00	65.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996-97	0.00	65.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997-98	0.00	65.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998-99	0.00	65.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999-00	0.00	65.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000-01	0.00	65.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001-02	0.00	65.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NB: Accounts commenced from 1-12-93 to 31-03-1999

### Financial Aspects of Major & Medium Irrigation Projects (Non-commercial)

Table : C.8

State : Goa

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR if any	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	2299.46	15301.31	172.89	0.00	0.00	0.00	0.00	0.00	0.00	-6.41	0.00	166.48	23.18
1991-92	2155.18	17456.49	181.74	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	182.54	46.96
1992-93	2172.22	19628.70	210.68	0.00	0.00	0.00	0.00	0.00	0.00	2.11	0.00	212.79	64.50
1993-94	1583.10	21211.80	234.36	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00	234.83	17.74
1994-95	2909.04	24120.84	257.03	0.00	0.00	0.00	0.00	0.00	0.00	-5.39	0.00	251.64	84.78
1995-96	3007.18	27128.02	303.21	0.00	0.00	0.00	0.00	0.00	0.00	-2.38	0.00	300.83	47.09
1996-97	2549.88	29677.90	400.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.69	0.00	399.32	34.05
1997-98	2349.58	32027.48	434.54	0.00	0.00	0.00	0.00	0.00	0.00	1.73	0.00	436.27	26.22
1998-99	1992.22	34019.70	524.16	0.00	0.00	0.00	0.00	0.00	0.00	-4.25	0.00	519.91	23.09
1999-00	1718.53	35738.23	573.84	0.00	0.00	0.00	0.00	0.00	0.00	4.16	0.00	578.00	50.20
2000-01	4589.60	40327.83	692.76	0.00	0.00	0.00	0.00	0.00	0.00	-1.89	0.00	690.87	17.39
2001-02	4128.79	44456.62	524.16	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.04	524.09	1360.16



### Financial Aspects of Major & Medium Irrigation Projects (Non-commercial)

Table : C.10

State : Haryana

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR if any	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	76.38	721.88	337.89	0.00	134.11	0.00	0.00	0.00	0.00	0.00	0.00	472.00	0.00
1991-92	105.14	827.02	343.71	1.81	173.03	0.00	0.00	0.00	0.00	0.00	0.00	518.55	0.00
1992-93	92.29	919.32	847.20	0.00	175.84	0.00	0.00	0.00	0.00	0.00	0.00	1023.04	0.00
1993-94	-142.93	776.39	1102.92	0.00	174.44	0.00	0.00	0.00	0.00	0.00	0.00	1277.36	0.00
1994-95	102.17	878.56	393.97	3.08	235.19	0.00	0.00	0.00	0.00	0.00	0.00	632.24	0.00
1995-96	0.00	878.56	376.13	0.66	206.71	0.00	0.00	0.00	0.00	0.00	43.54	627.04	0.00
1996-97	0.00	878.56	225.92	0.13	243.29	0.00	0.00	0.00	0.00	0.00	0.00	469.34	0.00
1997-98	0.00	878.56	304.88	5.90	353.17	0.00	0.00	0.00	0.00	0.56	0.00	664.51	0.00
1998-99	0.00	878.56	376.26	0.00	164.70	0.00	0.00	0.00	0.00	-12.21	0.00	528.75	0.00
1999-00	0.00	878.56	315.14	0.00	239.84	0.00	0.00	0.00	0.00	22.27	0.00	577.25	0.00
2000-01	0.00	878.56	379.96	0.00	0.00	0.00	0.00	0.00	0.00	17.93	175.47	573.36	0.00
2001-02	0.00	878.56	137.25	0.00	0.00	0.00	0.00	0.00	0.00	-18.34	96.90	215.81	0.00

### Financial Aspects of Major & Medium Irrigation Projects (Non-commercial)

Table : C.11

State : Himachal Pradesh

(Rs. lakhs)

Year	Capital Outlay		Working Expenses (WE)									GR if any	
	During the year	upto the end of the year	Direction and Admn.	Machinery and Equipment	Maintenance and Repair	Extension and Improvement	Training	Research	Survey and Investigation	Suspense	Other Expenditure		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	213.96	2269.66	0.00	0.00	96.78	0.00	0.00	0.00	0.00	6.81	0.00	103.59	0.04
1991-92	210.95	2480.61	0.00	0.00	110.64	0.00	0.00	0.00	0.00	-6.24	0.00	104.40	0.03
1992-93	165.99	2646.61	51.74	0.00	62.85	0.00	0.00	0.00	0.00	1.69	0.00	116.28	0.05
1993-94	181.02	2827.63	53.55	0.00	68.58	0.00	0.00	0.00	0.00	-6.37	0.00	115.76	0.02
1994-95	200.00	3027.64	62.70	0.00	70.58	0.00	0.00	0.00	0.00	-14.68	0.00	118.60	0.05
1995-96	207.31	3234.95	67.70	0.00	110.79	0.00	0.00	0.00	0.00	22.77	0.00	201.26	0.00
1996-97	321.10	3556.04	75.70	0.00	129.75	0.00	0.00	0.00	0.00	15.34	0.00	220.79	0.44
1997-98	827.60	4383.64	99.03	0.00	185.89	0.00	0.00	0.00	0.00	60.02	0.00	344.94	1.09
1998-99	865.76	5249.41	182.24	0.00	217.08	0.00	0.00	0.00	0.00	48.68	0.00	448.00	2.50
1999-00	1318.86	6568.27	185.93	0.00	217.32	0.00	0.00	0.00	0.00	5.97	0.00	409.22	2.99
2000-01	1128.13	7696.40	176.96	0.00	203.22	0.00	0.00	0.00	0.00	51.96	0.00	432.14	1.96
2001-02	1115.14	8811.54	0.43	0.00	259.88	0.00	0.00	0.00	0.00	0.00	0.00	260.31	1105.94

