

Indian Planning Experience

A Statistical Profile



***Planning Commission
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Planning Commission has completed 50 years of its setting up on 15th March, 2000. We thought it appropriate that at this juncture of our development it would be useful to bring out a statistical profile capturing five decades of planned economic development in India. The intention was to document the successes as also the failure of our efforts. We have not entirely succeeded in our objective, for the reach and scope of such an exercise is truly immense. However, I do feel that a fair amount of information, both at the macro as also at the sectoral level, has been compiled in this document.

At the time of independence, with the launching of a national planning process, we opted for a mixed economy, guided by the principles of democratic socialism. The public sector was visualised as having a crucial role in guiding and directing the economy towards the objectives of growth, modernisation, self-reliance and social justice. We embarked on a strategy of five-year plans, anchored in a 15 year rolling perspective plan. The five-year plans were to be operationalised through successive annual plans. The principal task of the Planning Commission, in this context, was to formulate the five year and the annual plans for the most effective and balanced utilisation of the country's material, capital and human resources, appraise from time to time, the progress in their implementation and suggest adjustment of policy and such other measures that were considered necessary in light of these appraisals.

In discharging its functions, in the decades so far, Planning Commission has been largely confined to undertaking investment planning of the economy by focussing, primarily, on its planning and allocative functions. These involve distribution of plan funds between the Centre Sector Plan and the Central Assistance to State Plans as also across Ministries / Departments in the Central Sector. Intrinsic to this exercise is the process of plan formulation-delineating programmes and projects of priority in various sectors- their review in terms of impact, monitoring and the requisite follow-up. Of late, it may seem that this exercise has lost some of its importance on account of dwindling share of public investment to the total investment in the economy and also due to changing economic policy regime and administration, which is placing an ever-greater reliance on the market to deliver on the nation's development goals. It has also been observed that in the face a fast paced integration of the economy with the emerging global order, the instrument of investment planning is no more the only, or the more predominant, or even the most effective means of pursuing development goals. However, the relevance of

planning for overseeing and coordinating the process of capacity building in crucial social and physical infrastructure sectors, continues to be as important, demanding and urgent as ever before. It is true that aside its areas of core competencies and relevance, the role of State and, hence, of Planning has to gradually move away from direct intervention in economic activity in general and production process in particular, towards facilitating an environment that encourages individual initiatives. Against the background of these developments, the role of Planning Commission as a “Think Tank”—a repository of expert knowledge—for the nation has to be strengthened. We, in the Planning Commission, are taking up this issue seriously, and evolving an institutional structure that enables the Commission to discharge, more effectively, its role as a Think Tank for the Government. An important facet, perhaps, of this role is to make available relevant data and research findings of retrospective and anticipatory nature for providing a convincing basis for policy analysis and development options. This document is a small step in this direction.

The compilation and presentation of this document has been undertaken by the Plan Coordination Divisions from information forwarded by various Divisions in the Commission. I would like to make special mention of the contribution and tireless efforts of Shri Rajeev Malhotra, Deputy Adviser, in putting together and bringing out this Profile. Ms. Kusum Makkar, Senior Research Officer took up this work very ably. Shri Anil Kumar has assisted in preparing and printing the many drafts of this document. I hope that the effort they have put in, along with Shri Sanjay Nanda of Space Communications in designing and layout of this document, is found useful by planners, academicians and researchers engaged in policy making and analysis.

Saxena

N C Saxena

Secretary, Planning Commission

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Macro-economic Aggregates & Incidence of Poverty

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This statistical profile attempts to bring together 50 years of planning experience in India. It begins by looking at the trends in macro-economic aggregates. Variables such as the Gross Domestic Product, rate of capital formation, savings and per-capita income and their break-up across sectors provide an aggregative view on our growth attainments. The distributional consequences of this growth across regions and between individuals/households would be a logical issue to follow up. Tables on estimation of incidence of poverty, using quinquennial surveys of National Sample Survey Organisation's on Household Consumer Expenditure, for which Planning Commission is the nodal agency in the Government of India, capture this dimension of our development for the period 1973-74 to 1993-94.

Chapter 1 **Macro-economic Aggregates**

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In the tables that follow, plan-wise performance of the economy on macro-economic aggregates namely Gross Domestic Products (and the national income estimates), rate of gross capital formation, gross savings and the population have been compiled. Gross capital formation and gross domestic savings are estimated plan-wise for both public and the private sector. The table on share of different sectors in Gross Domestic Product indicates the changing structure of the economy with services sector accounting for a growing share in the total value added to the total. A few tables on prices and the performance of External Sector completes this Chapter.

Macro-economic Aggregates

Table 1.1

Gross Domestic Product, Rate of Capital Formation, Saving and Population

Chart 1.1 on page 5

Year	Gross Domestic Product (At current market prices in Rs. Crores) GDP	Rate of Gross Capital Formation (percent) (in current prices) GDCF	Rate of Gross Domestic Saving (percent) current prices GDS	Population (million)	GDP at Factor Cost (Growth Rate) (At 1993-94 prices) GDP
1950-51	9,981	8.7	8.9	359	
1951-52	10,615	11.0	9.3	365	2.3
1952-53	10,414	7.9	8.3	372	2.8
1953-54	11,335	7.7	7.8	379	6.1
1954-55	10,728	9.5	9.4	386	4.2
1955-56	10,923	12.9	12.5	393	2.6
Annual Average: First Plan (1951-56)		9.8	9.5	379	3.6
1956-57	13,011	14.9	12.2	401	5.7
1957-58	13,410	13.8	10.3	409	-1.2
1958-59	14,942	11.9	9.4	418	7.6
1959-60	15,747	12.6	11.1	426	2.2
1960-61	17,245	14.3	11.5	434	7.1
Annual Average: Second Plan (1956-61)		13.5	10.9	418	4.2
1961-62	18,279	13.5	11.6	444	3.1
1962-63	19,654	14.9	12.6	454	2.1
1963-64	22,583	14.2	12.2	464	5.1
1964-65	26,338	14.2	11.9	474	7.6
1965-66	27,792	16.1	13.9	485	-3.7
Annual Average: Third Plan (1961-66)		14.6	12.5	464	2.8
1966-67	31,446	16.8	13.9	495	1.0
1967-68	36,814	14.1	11.8	506	8.1
1968-69	38,997	13.2	12.1	518	2.6
Annual Average: Annual Plans (1966-69)		14.7	12.6	506	3.8
1969-70	42,942	14.8	14.2	529	6.5
1970-71	45,881	15.4	14.5	541	5.0
1971-72	49,149	16.0	15.0	554	1.0
1972-73	54,186	15.1	14.5	567	-0.3
1973-74	65,906	17.3	16.7	580	4.6
Annual Average: Fourth Plan (1969-74)		15.7	15.0	554	3.3
1974-75	77,824	16.7	15.9	593	1.2
1975-76	83,635	17.0	17.2	607	9.0
1976-77	90,133	17.9	19.3	620	1.2
1977-78	1,02,046	18.3	19.7	634	7.5
Annual Average: Fifth Plan (1974-78)[#]		17.5	18.0	614	4.7
1978-79	1,10,616	21.5	21.4	648	5.5
1979-80	1,21,368	20.5	20.0	664	-5.2

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Table 1.1 Macro-economic Aggregates**Gross Domestic Product, Rate of Capital Formation, Saving and Population**

Chart 1.1 on page 5

Year	Gross Domestic Product (At current market prices in Rs. Crores) GDP	Rate of Gross Capital Formation (percent) (in current prices) GDCF	Rate of Gross Domestic Saving (percent) (current prices) GDS	Population (million)	GDP at Factor Cost (Growth Rate) (At 1993-94 prices) GDP
▲ continued from previous page					
Annual Average: Annual Plans (1978-80)		21.0	20.7	656	0.0
1980-81	1,44,393	20.2	18.8	679	7.2
1981-82	1,69,495	20.0	18.5	692	6.3
1982-83	1,88,866	19.6	18.2	708	2.9
1983-84	2,19,688	18.7	17.6	723	7.5
1984-85	2,46,883	20.0	18.7	739	4.8
Annual Average: Sixth Plan (1980-85)		19.7	18.3	708	5.7
1985-86	2,80,258	21.6	19.3	755	4.6
1986-87	3,13,580	20.8	18.8	771	4.1
1987-88	3,55,417	22.4	20.5	788	3.4
1988-89	4,23,497	23.7	20.8	805	10.7
1989-90	4,87,740	24.5	21.9	822	6.5
Annual Average: Seventh Plan (1985-90)		22.6	20.3	788	5.8
1990-91	5,68,772	26.3	23.1	839	5.3
1991-92	6,53,298	22.5	22.0	856	1.5
Annual Average: Annual Plans (1990-92)		24.4	22.6	848	3.4
1992-93	7,47,387	23.6	21.8	872	4.5
1993-94	8,59,220	23.1	22.5	888	6.0
1994-95	10,09,906	26.1	25.0	904	7.0
1995-96	11,81,961	27.2	25.5	920	7.3
1996-97	13,61,952	24.6	23.3	936	7.5
Annual Average: Eighth Plan (1992-97)		24.9	23.6	904	6.5
1997-98 ^(P)	1,51,56,460	26.2	24.7	959	5.0
1998-99 ^(Q)	1,76,26,090	23.4	22.3	975	6.8

Note i) #: The Fifth Plan was terminated in 1978.

ii) P: Provisional Estimate.

iii) Q: Quick Estimate.

Source i) National Accounts Statistics (2000), CSO.

Share of Public and Private Sectors in Gross Domestic Capital Formation

Average for Plan Period	(Plan Period Averages At Current Prices)							
	Public Sector (Rs. millions)	Private Sector (Rs. millions)	Total (Rs. millions)	Percentage Share in Total Saving		As % of GDP at Market Prices		Total
				Public Sector	Private Sector	Public Sector	Private Sector	
First Plan: 1951-56	3,587	7,229	10,816	33.2	66.8	3.5	7.1	10.7
Second Plan: 1956-61	8,587	11,667	20,254	42.4	57.6	6.1	8.4	14.5
Third Plan: 1961-66	15,932	17,558	33,490	47.6	52.4	7.4	8.1	15.5
Annual Plans: 1966-69	21,207	31,739	52,947	40.1	59.9	6.3	9.4	15.7
Fourth Plan: 1969-74	32,885	49,919	82,804	39.7	60.3	6.8	10.3	17.1
Fifth Plan: 1974-78 [#]	69,496	89,694	159,190	43.7	56.3	8.3	10.8	19.1
Annual Plans: 1978-80	108,776	138,944	247,720	43.9	56.1	10.0	12.7	22.7
Sixth Plan: 1980-85	177,414	200,004	377,418	47.0	53.0	9.7	11.0	20.7
Seventh Plan: 1985-90	356,950	458,250	815,200	43.8	56.2	10.3	13.2	23.4
Annual Plan: 1990-92	577,799	886,316	1,464,115	39.5	60.5	10.0	15.4	25.4
Eighth Plan: 1992-97*	843,419	1,694,157	2,537,576	33.2	66.8	8.6	17.4	26.0

Note i) #: The Fifth Plan was terminated in 1978.

ii) *: Figures with old series data only.

Source i) National Accounts Statistics, CSO.

Chart 1.1

Rate of Growth of GDP, GDS and GDCF

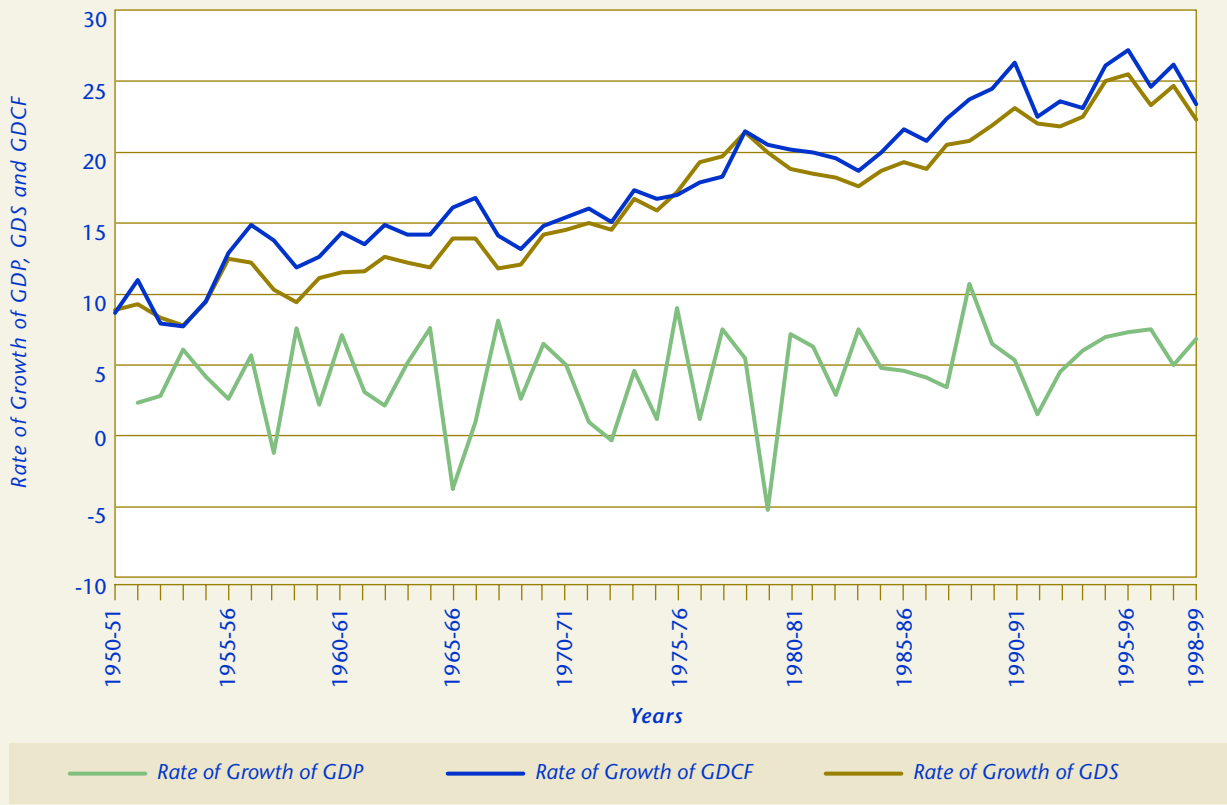


Chart for Table 1.1

Table 1.3 *Macro-economic Aggregates*
National Income and Per Capita Income

Year	National Income (At current prices in Rs. Crores)*	National Income (At constant prices in Rs. Crores) (base 1993-94=100)	Population (million)	Per Capita Income (At current prices in Rs.)	Per Capita Income (At constant prices in Rs.) (base 1993-94=100)
1951-52	9,683	1,36,668	365	265	3,744
1952-53	9,522	1,40,527	372	256	3,778
1953-54	10,393	1,49,377	379	274	3,941
1954-55	9,678	1,55,454	386	251	4,027
1955-56	9,826	1,59,303	393	250	4,054
Average: First Plan (1951-56)				259	3,909
1956-57	11,766	1,68,170	401	293	4,194
1957-58	11,989	1,65,263	409	293	4,041
1958-59	13,367	1,77,947	418	320	4,257
1959-60	13,988	1,81,058	426	328	4,250
1960-61	15,282	1,93,836	434	352	4,466
Average: Second Plan (1956-61)				317	4,242
1961-62	16,043	1,99,165	444	361	4,486
1962-63	17,118	2,02,582	454	377	4,462
1963-64	19,592	2,12,717	464	422	4,584
1964-65	22,932	2,28,546	474	484	4,822
1965-66	23,875	2,18,079	485	492	4,496
Average: Third Plan (1961-66)				427	4,570
1966-67	27,059	2,19,281	495	547	4,430
1967-68	31,910	2,37,424	506	631	4,692
1968-69	33,595	2,43,292	518	649	4,697
Average: Annual Plans (1966-69)				609	4,606
1969-70	36,934	2,59,552	529	698	4,906
1970-71	39,172	2,72,899	541	724	5,044
1971-72	41,557	2,74,578	554	750	4,956
1972-73	45,631	2,72,379	567	805	4,804
1973-74	56,189	2,85,485	580	969	4,922
Average: Fourth Plan (1969-74)				789	4,927
1974-75	65,777	2,88,869	593	1,109	4,871
1975-76	69,371	3,16,316	607	1,143	5,211
1976-77	74,635	3,19,063	620	1,204	5,146
1977-78	85,600	3,43,659	634	1,350	5,420
Average: Fifth Plan (1974-78)#				1,202	5,162
1978-79	91,577	3,62,799	648	1,413	5,599
1979-80	99,158	3,41,033	664	1,493	5,136
Average: Annual Plans (1978-80)				1,453	5,367

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Year	National Income (At current prices in Rs. Crores)*	National Income (At constant prices in Rs. Crores) (base 1993-94=100)	Population (million)	Per Capita Income (At current prices in Rs.)	Per Capita Income (At constant prices in Rs.) (base 1993-94=100)
1980-81	1,18,864	3,66,535	679	1,751	5,398
1981-82	1,38,583	3,88,962	692	2,003	5,621
1982-83	1,52,320	3,97,145	708	2,151	5,609
1983-84	1,78,313	4,26,461	723	2,466	5,898
1984-85	2,00,162	4,45,594	739	2,709	6,030
Average: Sixth Plan (1980-85)				2,216	5,711
1985-86	2,23,668	4,65,574	755	2,962	6,167
1986-87	2,48,467	4,82,448	771	3,223	6,257
1987-88	2,80,474	4,96,500	788	3,559	6,301
1988-89	3,36,232	5,50,281	805	4,177	6,836
1989-90	3,87,290	5,86,143	822	4,712	7,131
Average: Seventh Plan (1985-90)				3,727	6,538
1990-91	4,50,243	6,16,259	839	5,366	7,345
1991-92	5,14,788	6,20,658	856	6,014	7,251
Average: Annual Plan (1990-92)				5,690	7,298
1992-93	5,86,084	6,47,408	872	6,721	7,424
1993-94	6,85,912	6,85,912	888	7,724	7,724
1994-95	8,03,090	7,32,651	904	8,884	8,105
1995-96	9,36,548	7,85,990	920	10,180	8,543
1996-97	10,89,563	8,47,511	936	11,641	9,055
Annual Average: Eighth Plan (1992-97)				9,030	8,170
1997-98(P)	12,20,716	8,89,102	959	12,729	9,271
1998-99(Q)	14,31,527	9,49,525	975	14,682	9,739
1999-2000**	15,74,391	10,11,474	991	15,887	10,207

Note i) *: Measured at Net National Product at Factor Cost.

ii) #: The Fifth Plan was terminated in 1978.

iii) P: Provisional Estimate.

iv) Q: Quick Estimate.

v) **: Revised Estimates Of National Income 1999-2000(CSO).

Source i) National Accounts Statistics (2000), CSO.

Table 1.4 **Macro-economic Aggregates****Share of Different Sectors in Gross Domestic Product at Factor Cost (At current prices)**

Chart 1.2 on page 15

(in percent)

Year	Agriculture Forestry and Logging, Fishing	Manufacturing, Construction Electricity, Gas & Water Supply, Mining & Quarrying	Transport , Communication And Trade	Financial Services (Banking and Insurance Real Estate & Business Services)	Other Service (Community, Social and Personal Services)
<i>With Base: 1980-81=100</i>					
1951-52	54.56	16.11	10.31	10.16	8.87
1952-53	53.89	15.42	10.51	10.88	9.30
1953-54	54.53	15.55	10.26	10.78	8.89
1954-55	49.38	17.40	11.22	12.29	9.71
1955-56	47.12	18.32	11.43	12.99	10.14
Average First Plan (1951-56)	51.89	16.56	10.75	11.42	9.38
1956-57	50.15	18.07	11.07	11.79	8.92
1957-58	48.04	18.44	11.98	12.36	9.17
1958-59	49.82	17.90	11.71	11.85	8.71
1959-60	47.65	19.05	12.04	12.11	9.14
1960-61	45.82	20.70	12.12	11.92	9.44
Average Second Plan (1956-61)	48.30	18.83	11.79	12.01	9.08
1961-62	44.98	21.38	12.42	11.54	9.69
1962-63	42.95	22.10	12.72	12.39	9.85
1963-64	44.23	22.04	12.45	11.72	9.56
1964-65	46.26	21.07	12.50	10.90	9.28
1965-66	44.05	21.89	12.95	11.26	9.85
Average Third Plan (1961-66)	44.49	21.69	12.61	11.56	9.65
1966-67	45.02	21.48	13.22	10.59	9.69
1967-68	47.94	20.09	12.86	9.89	9.23
1968-69	46.86	20.69	12.98	10.03	9.43
Average Annual Plans (1966-69)	46.69	20.71	13.01	10.15	9.44
1969-70	46.61	21.51	12.74	9.79	9.35
1970-71	45.17	21.92	13.20	10.03	9.69
1971-72	43.37	22.74	13.45	10.33	10.11
1972-73	43.37	22.81	13.49	10.28	10.06
1973-74	46.63	21.62	13.17	9.35	9.23
Average Fourth Plan(1969-74)	45.03	22.12	13.21	9.96	9.69
1974-75	43.40	23.03	14.77	8.93	9.87
1975-76	40.50	23.73	15.77	9.53	10.46
1976-77	38.50	25.05	15.89	9.86	10.70
1977-78	39.94	24.78	15.67	9.43	10.19
Average Fifth Plan(1974-78)#	40.47	24.21	15.55	9.45	10.31
1978-79	38.19	25.93	15.99	9.46	10.43
1979-80	36.20	26.73	16.90	9.46	10.70
Average Annual Plans (1978-80)	37.15	26.35	16.47	9.46	10.57

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Year	Agriculture Forestry and Logging, Fishing	Manufacturing, Construction, Electricity, Gas & Water Supply, Mining & Quarrying	Transport , Communication And Trade	Financial Services (Banking and Insurance Real Estate & Business Services)	Other Service (Community, Social and Personal Services)
<i>Series With Base: 1993-94=100</i>					
1980-81	38.68	24.87	16.01	9.05	11.40
1981-82	37.19	25.79	16.72	9.17	11.13
1982-83	35.78	26.07	17.01	9.50	11.65
1983-84	36.58	25.84	16.80	9.31	11.47
1984-85	34.94	26.64	17.23	9.54	11.66
Sixth Plan (1980-85)	36.63	25.84	16.75	9.32	11.46
1985-86	33.42	27.07	17.87	9.78	11.86
1986-87	32.26	27.21	18.12	10.07	12.35
1987-88	31.78	26.94	18.30	10.20	12.79
1988-89	32.57	26.99	18.05	10.02	12.38
1989-90	31.14	27.83	18.30	10.33	12.40
Seventh Plan (1985-90)	32.23	27.21	18.13	10.08	12.35
1990-91	31.26	27.66	18.39	10.38	12.31
1991-92	31.52	26.41	18.35	11.27	12.45
Average Annual Plan (1990-92)	31.13	28.54	20.14	8.53	11.66
1992-93	30.98	26.63	18.95	10.91	12.52
1993-94	30.97	26.26	19.26	11.53	11.98
1994-95	30.49	26.96	19.59	11.31	11.65
1995-96	28.40	27.90	20.11	11.75	11.84
1996-97	29.31	27.12	20.56	11.16	11.86
Average Eighth Plan (1992-97)	30.03	26.97	19.69	11.33	11.97
1997-98 ^(P)	27.99	27.10	20.81	11.38	12.72
1998-99 ^(Q)	29.11	25.70	20.25	11.28	13.66
1999-2000 ^(RE)	27.87	25.98	20.31	11.71	14.13

Note i) #: The Fifth Plan was terminated in 1978.

ii) P: Provisional Estimate.

iii) Q: Quick Estimate.

iv) RE: Revised Estimates of National Income 1999-2000(CSO).

Source i) National Accounts Statistics (1998,1999) ,CSO

ii) Press Note on Quick Estimate of National Income, 1998-99(CSO).

Table 1.5 **Macro-economic Aggregates****Deflators of Macro Aggregates**

Year	Gross Domestic Product	Investment	Private Consumption
First Plan (1951-56)			
1951-52	6.99	4.13	
1952-53	6.71	3.95	
1953-54	6.88	3.87	
1954-55	6.20	4.20	
1955-56	6.14	4.32	
Second Plan (1956-61)			
1956-57	6.94	4.64	
1957-58	7.18	4.66	
1958-59	7.47	5.08	
1959-60	7.68	5.39	
1960-61	7.85	5.67	9.11
Third Plan (1961-66)			
1961-62	8.03	6.03	9.49
1962-63	8.41	6.28	9.78
1963-64	9.15	6.55	10.38
1964-65	9.93	6.90	11.38
1965-66	10.80	7.25	12.00
Annual Plans (1966-69)			
1966-67	12.16	8.27	13.68
1967-68	13.22	8.64	15.13
1968-69	13.59	8.74	14.77
Fourth Plan (1969-74)			
1969-70	14.03	9.52	15.73
1970-71	14.21	10.21	16.07
1971-72	14.97	11.05	16.83
1972-73	16.52	11.72	18.30
1973-74	19.36	13.95	21.62
Fifth Plan (1974-78)[#]			
1974-75	22.53	17.99	25.92
1975-76	21.95	18.74	25.25
1976-77	23.30	18.87	25.61
1977-78	24.75	19.33	27.58
Annual Plans (1978-80)			
1978-79	25.21	21.40	28.32
1978-80	29.02	25.36	31.11
Sixth Plan (1980-85)			
1980-81	32.36	29.77	34.47
1981-82	35.60	34.24	37.85
1982-83	38.49	37.23	40.32
1983-84	41.86	40.10	44.19
1984-85	45.04	44.37	47.20

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Year	Gross Domestic Product	Investment	Private Consumption
Seventh Plan (1985-90)			
1985-86	48.39	49.61	49.63
1986-87	51.83	53.54	53.40
1987-88	56.62	57.00	57.67
1988-89	61.38	63.25	62.43
1989-90	66.61	70.17	67.32
Annual Plan (1990-92)			
1990-91	73.54	76.43	73.65
1991-92	83.57	85.85	83.11
Eighth Plan (1992-97)			
1992-93	91.21	94.26	90.95
1993-94	100.00	100.00	100.00
1994-95	109.37	109.03	108.91
1995-96	118.98	119.51	117.33
1996-97	128.30	127.07	127.60
1997-98	136.69	132.87	135.15
1998-99(QE)	149.04	138.37	147.48
1999-2000(RE)	153.90		

Note i) Estimates of Private Consumption Expenditure deflated prior to 1960-61 were not prepared.

ii) #: The Fifth Plan was terminated in 1978.

iii) QE: Quick Estimates.

iv) RE: Revised Estimates.

Source i) National Accounts Statistics, 2000.

Table 1.6 *Macro-economic Aggregates***Price Indices**

Financial Year	Whole Sale Price Index (Base 1981-82=100)	Consumer Price Index (UNME) (1960=100)	Consumer Price Index (Industrial Workers) (1960=100)	Consumer Price Index (Agricultural Labour) (1960-61=100)
1950-51	16.9			
1951-52	18.0			
1952-53	15.7			
1953-54	16.4			
1954-55	15.3			
1955-56	14.5			
1956-57	16.5			
1957-58	17.0			
1958-59	17.7			
1959-60	18.4			
1960-61	19.6			
1961-62	19.6	104	104	
1962-63	20.4	108	108	
1963-64	21.6	113	113	
1964-65	24.0	124	129	
1965-66	25.8	132	139	152
1966-67	29.4	146	157	181
1967-68	32.8	159	175	208
1968-69	32.5	161	174	187
1969-70	33.7	167	177	190
1970-71	35.5	174	186	194
1971-72	37.5	180	192	196
1972-73	41.3	192	207	217
1973-74	49.7	221	250	263
1974-75	62.2	270	317	354
1975-76	61.5	277	313	340
1976-77	62.8	277	301	293
1977-78	66.0	296	324	324
1978-79	66.0	306	331	317
1979-80	77.4	330	360	346
1980-81	91.1	369	401	395
1981-82	100.0	413	451	444
1982-83	104.9	446	486	467
1983-84	112.8	492	547	520
Base 1984-85=100 for CPIUNME				
1984-85	120.1	100	118	521
1985-86	125.4	107	126	546
1986-87	132.7	115	137	572
1987-88	143.6	126	149	629
1988-89	154.3	136	163	708

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Macro-economic Aggregates Table 1.6

Financial Year	Whole Sale Price Index (Base 1981-82=100)	Consumer Price Index (UNME) (1960=100)	Consumer Price Index (Industrial Workers) (1960=100)	Consumer Price Index (Agricultural Labour) (1960-61=100)
1989-90	165.7	145	173	746
1990-91	182.7	161	193	803
1991-92	207.8	183	219	958
1992-93	228.7	202	240	1,076
Base 1993-94=100 for WPI				
1993-94	100.0	216	258	1,114
1994-95	112.8	237	284	1,247
1995-96	121.8	259	313	1,381
Base 1986-87=100 For CPIAL figures available from 1996-97				
1996-97	127.3	283	342	256
1997-98	132.8	302	366	267
1998-99	140.8	340	414	296
1999-2000	145.3	352	428	306

Note i) Conversion factors from new series to old series. ii) CPIW (Industrial Workers) = 4.93 (to convert into 1960-61 base).
 iii) CPIUNME = 5.32 (to convert into 1960 base). iv) CPIAL (Agricultural Workers) = 5.89 (Convert into 1960-61 base).
 v) UNME: Urban Non-manual Employees.

Source i) Economic Survey 1999-2000. ii) WPI—Office of The Economic Adviser, Min. of Industry.
 iii) WPI = 2.478 (To convert with base 1981-82 level). iv) CPI—Labour Bureau, Ministry of Labour.

Macro-economic Aggregates Table 1.7

Share of Public and Private Sectors in Gross Domestic Saving

(Plan Period Averages at Current Prices)

Average for Plan Period	Public Sector	Private Sector	Total	% Share in Total Saving		As % of GDP at Market Prices		Total
	(Rs. millions)	(Rs. millions)	(Rs. millions)	Public Sector	Private Sector	Public Sector	Private Sector	
	First Plan: 1951-56	1,694	8,740	10,434	16.2	83.8	1.7	
Second Plan: 1956-61	2,728	13,684	16,412	16.6	83.4	2.0	9.8	11.7
Third Plan: 1961-66	6,790	21,852	28,642	23.7	76.3	3.1	10.1	13.3
Annual Plans: 1966-69	7,310	38,383	45,693	16.0	84.0	2.9	11.4	13.6
Fourth Plan: 1969-74	13,406	65,794	79,200	16.9	83.1	2.8	13.5	16.3
Fifth Plan: 1974-78 [#]	35,920	128,865	164,785	21.8	78.2	4.3	15.5	19.8
Annual Plans: 1978-80	48,735	195,445	244,180	20.0	80.0	4.5	17.9	22.3
Sixth Plan: 1980-85	66,074	285,184	351,258	18.8	81.2	3.6	15.6	19.2
Seventh Plan: 1985-90	78,412	648,394	726,806	10.8	89.2	2.3	18.6	20.9
Annual Plan : 1990-92	86,620	1,269,630	1,356,250	6.4	93.6	1.5	22.0	23.5
Eighth Plan: 1992-97 [*]	165,472	2,240,210	2,405,682	6.9	93.1	1.7	23.0	24.7

Note i) #: The Fifth Plan was terminated in 1978.

ii) *: Figures with old series data only.

Source i) National Accounts Statistics, CSO.

Table 1.8 **Macro-economic Aggregates****Trend in External Sector Indicators (in Rs. Crores)**

(Rs. Crores)

Year	Imports (c.i.f.)	Exports (f.o.b.)	Trade Balance	Invisibles (Net)	Current Account	Foreign Investment (Net)	External Debt		Foreign Exchange Reserves
							Short Term	Long Term	
1950-51	650	647	-4	42	39	NA	NA	NA	1,029
1951-52	964	730	-234	71	-163	NA	NA	NA	864
1952-53	633	602	-31	91	60	NA	NA	NA	881
1953-54	592	540	-52	100	47	NA	NA	NA	910
1954-55	690	597	-93	99	6	NA	NA	206	892
1955-56	773	640	-133	140	7	NA	NA	NA	902
1956-57	1,102	635	-467	154	-313	NA	NA	NA	681
1957-58	1,233	669	-565	133	-431	NA	NA	NA	421
1958-59	1,029	576	-453	126	-327	NA	NA	NA	379
1959-60	932	633	-299	113	-186	NA	NA	1,193	363
1960-61	1,106	631	-475	83	-392	NA	NA	NA	304
1961-62	1,006	668	-338	31	-306	NA	NA	NA	297
1962-63	1,097	681	-416	62	-354	NA	NA	NA	295
1963-64	1,245	802	-443	94	-349	NA	NA	NA	306
1964-65	1,421	801	-620	152	-468	NA	NA	NA	250
1965-66	1,368	785	-583	73	-511	NA	NA	NA	298
1966-67	1,991	1,087	-905	61	-844	NA	NA	NA	478
1967-68	2,062	1,260	-802	-5	-808	NA	NA	NA	539
1968-69	1,792	1,367	-425	15	-410	NA	NA	NA	574
1969-70	1,576	1,405	-171	-63	-234	NA	NA	7,534	821
1970-71	1,826	1,418	-408	-37	-445	36	NA	7,813	732
1971-72	2,055	1,581	-474	-24	-498	44	NA	8,264	857
1972-73	2,161	1,994	-167	-144	-311	30	NA	9,127	887
1973-74	2,867	2,357	-510	1,646	1,136	52	NA	8,428	993
1974-75	4,482	3,195	-1,287	331	-956	69	NA	9,735	1,022
1975-76	5,362	4,180	-1,182	1,005	-177	-8	NA	12,198	1,885
1976-77	5,450	5,140	-310	1,204	894	-26	NA	12,790	3,243
1977-78	6,038	5,440	-598	1,722	1,124	-10	NA	12,840	4,863
1978-79	7,806	5,594	-2,212	1,974	-238	24	NA	12,756	5,821
1979-80	9,753	6,313	-3,440	2,887	-553	70	NA	13,430	5,934
1980-81	12,877	6,666	-6,211	4,000	-2,211	0	NA	17,433	5,544
1981-82	14,260	7,766	-6,494	3,656	-2,838	0	NA	20,298	4,024
1982-83	15,857	9,137	-6,720	3,438	-3,282	0	NA	25,294	4,782
1983-84	17,093	10,169	-6,924	3,610	-3,314	0	NA	30,456	5,972
1984-85	18,680	11,959	-6,721	3,850	-2,871	0	NA	35,800	7,243
1985-86	21,164	11,578	-9,586	3,630	-5,956	0	NA	40,502	7,820
1986-87	22,669	13,315	-9,354	3,524	-5,830	249	NA	49,202	8,151
1987-88	25,693	16,396	-9,297	3,006	-6,291	563	NA	54,879	7,687
1988-89	34,202	20,647	-13,555	1,976	-11,579	517	NA	69,533	7,040
1989-90	40,642	28,229	-12,413	1,026	-11,387	683	12,964	1,17,235	6,251
1990-91	50,086	33,153	-16,933	-435	-17,368	184	16,775	1,46,226	11,416
1991-92	51,417	44,923	-6,494	4,259	-2,235	340	20,642	2,32,268	23,850

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Year	Imports (c.i.f.)	Exports (f.o.b.)	Trade Balance	Invisibles (Net)	Current Account	Foreign Investment (Net)	External Debt		Foreign Exchange Reserves
							Short Term	Long Term	
1992-93	72,000	54,762	-17,238	4,474	-12,764	1,700	19,804	2,60,942	30,745
1993-94	83,869	71,146	-12,723	9,087	-3,636	13,282	11,375	2,79,043	60,420
1994-95	1,12,749	84,329	-28,420	17,837	-10,583	15,087	13,448	2,98,237	79,780
1995-96	1,46,542	1,08,481	-38,061	18,416	-19,645	15,662	16,637	3,04,091	74,385
1996-97	1,73,753	1,21,194	-52,560	36,279	-16,281	21,162	24,153	3,11,674	94,932
1997-98	1,90,509	1,32,703	-57,806	36,921	-20,885	19,832	19,929	3,49,753	1,15,905
1998-99	1,99,914	1,44,436	-55,478	38,691	-16,788	9,736	18,871	3,96,039	1,38,005
1999-2000	2,40,112	1,65,993	-74,119	56,120	-17,999	22,501	17,630	4,11,641	1,65,913

Note i) External Debt from 1954-55 to 1988-89 relates to medium and long term only and is based on old definition and classification.

ii) cif: Cost insurance freight.

iii) fob: Free on board.

Source i) Handbook of Statistics on Indian Economy, RBI 1999.

ii) Economic Survey 1999-2000.

iii) India's Balance of Payments, 1948-49 to 1988-89, RBI, July 1993.

Chart 1.2

Share of Different Sectors in GDP at Factor Cost

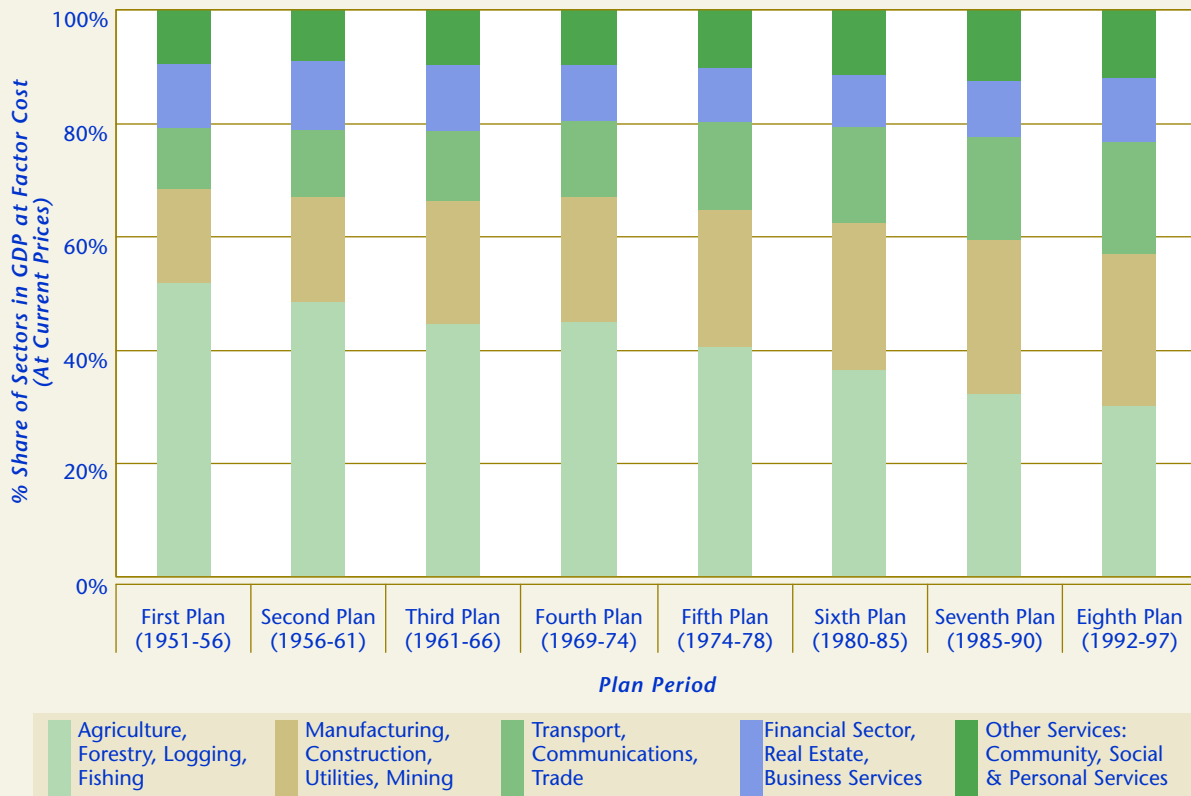


Chart for Table 1.4

Table 1.9 **Macro-economic Aggregates****Trend in External Sector Indicators (in US \$ Million)**

Chart 1.3 on page 17

(US\$ Million)

Year	Imports (c.i.f.)	Exports (f.o.b.)	Trade Balance	Invisibles (Net)	Current Account	Foreign Investment (Net)	External Debt		Foreign Exchange Reserves
							Short Term	Long Term	
1950-51	1,366	1,359	-7	89	82	NA	NA	NA	2,161
1951-52	2,025	1,534	-491	150	-342	NA	NA	NA	1,815
1952-53	1,330	1,264	-65	192	126	NA	NA	NA	1,850
1953-54	1,243	1,134	-109	209	100	NA	NA	NA	1,911
1954-55	1,449	1,253	-196	208	13	NA	NA	433	1,873
1955-56	1,624	1,345	-279	293	14	NA	NA	NA	1,895
1956-57	2,315	1,334	-981	324	-657	NA	NA	NA	1,431
1957-58	2,591	1,405	-1,186	280	-906	NA	NA	NA	884
1958-59	2,162	1,211	-952	265	-687	NA	NA	NA	795
1959-60	1,959	1,330	-628	238	-390	NA	NA	2,506	762
1960-61	2,323	1,325	-998	174	-824	NA	NA	NA	637
1961-62	2,113	1,404	-709	66	-644	NA	NA	NA	624
1962-63	2,304	1,430	-874	130	-744	NA	NA	NA	619
1963-64	2,616	1,684	-932	197	-734	NA	NA	NA	642
1964-65	2,985	1,683	-1,302	319	-983	NA	NA	NA	524
1965-66	2,874	1,648	-1,226	153	-1,073	NA	NA	NA	626
1966-67	2,827	1,543	-1,284	86	-1,198	NA	NA	NA	638
1967-68	2,749	1,680	-1,070	-7	-1,077	NA	NA	NA	718
1968-69	2,390	1,823	-567	19	-547	NA	NA	NA	769
1969-70	2,101	1,874	-227	-85	-312	NA	NA	10,045	1,094
1970-71	2,435	1,890	-545	-49	-594	48	NA	10,417	975
1971-72	2,759	2,122	-637	-32	-669	58	NA	11,353	1,194
1972-73	2,796	2,579	-217	-186	-403	40	NA	11,920	1,219
1973-74	3,646	2,997	-649	2,093	1,444	67	NA	10,753	1,325
1974-75	5,620	4,006	-1,614	415	-1,199	87	NA	12,490	1,379
1975-76	6,197	4,830	-1,367	1,161	-206	-9	NA	13,594	2,172
1976-77	6,097	5,750	-347	1,347	1,000	-29	NA	14,527	3,747
1977-78	7,051	6,354	-697	2,011	1,314	-12	NA	15,224	5,824
1978-79	9,512	6,817	-2,695	2,406	-289	30	NA	15,651	7,268
1979-80	12,076	7,817	-4,259	3,574	-685	86	NA	16,392	7,361
1980-81	16,314	8,445	-7,869	5,065	-2,804	0	NA	21,286	6,823
1981-82	15,970	8,697	-7,273	4,094	-3,179	0	NA	21,718	4,390
1982-83	16,468	9,490	-6,978	3,572	-3,406	0	NA	25,370	4,896
1983-84	16,575	9,861	-6,714	3,499	-3,215	0	NA	28,445	5,649
1984-85	15,715	10,061	-5,654	3,238	-2,416	0	NA	28,801	5,952
1985-86	17,294	9,461	-7,833	2,967	-4,866	0	NA	32,963	6,520
1986-87	17,729	10,413	-7,316	2,756	-4,560	195	NA	38,058	6,574
1987-88	19,812	12,644	-7,168	2,316	-4,852	434	NA	42,365	6,223
1988-89	23,618	14,257	-9,361	1,364	-7,997	357	NA	44,481	4,802
1989-90	24,411	16,955	-7,456	615	-6,841	410	7,501	68,356	3,962
1990-91	27,914	18,477	-9,437	-243	-9,680	103	8,544	75,257	5,834
1991-92	21,064	18,266	-2,798	1,620	-1,178	133	7,070	78,215	9,220

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Year	Imports (c.i.f.)	Exports (f.o.b.)	Trade Balance	Invisibles (Net)	Current Account	Foreign Investment (Net)	External Debt		Foreign Exchange Reserves
							Short Term	Long Term	
1992-93	24,316	18,869	-5,447	1,921	-3,526	557	6,340	83,683	9,832
1993-94	26,739	22,683	-4,056	2,898	-1,158	4,235	3,627	89,068	19,254
1994-95	35,904	26,855	-9,049	5,680	-3,369	4,807	4,269	94,739	25,186
1995-96	43,670	32,311	-11,359	5,449	-5,910	4,615	5,034	88,696	21,687
1996-97	48,948	34,133	-14,815	10,196	-4,619	5,963	6,726	86,744	26,423
1997-98	51,187	35,680	-15,507	10,007	-5,500	5,353	5,046	88,485	29,367
1998-99	47,544	34,298	-13,246	9,208	-4,038	2,312	4,387	93,290	32,490
1999-2000	55,383	38,285	-17,098	12,935	-4,163	5,191	4,043	94,392	38,036

Note i) External Debt from 1954-55 to 1988-89 relates to medium and long term only and is based on old definition & classification.
 ii) Data from column 1 to 5 for the years 1950-51 to 1969-70 has been converted from Rupees data by applying an annual average exchange rate.
 iii) cif: Cost insurance freight.
 iv) fob: Free on board.

Source i) Handbook of Statistics on Indian Economy, RBI 1999.
 ii) Economic Survey 1999-2000.
 iii) India's Balance of Payments, 1948-49 to 1988-89, RBI, July 1993.

Chart 1.3

Trade Balance and Current Account

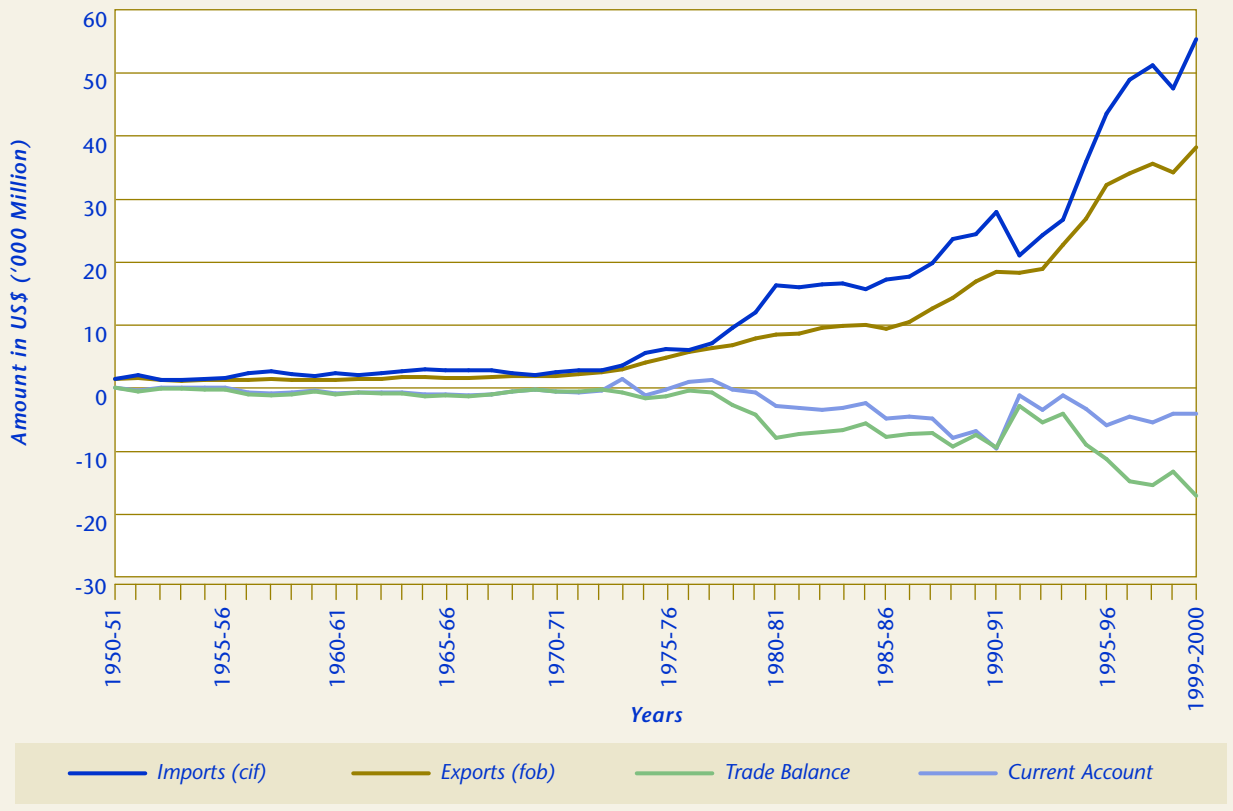


Chart for Table 1.9

Chapter 2 *Incidence of Poverty*

	Table Title	Page No.
2.1	Number and Percentage of Population Below Poverty Line – 1973-74	19
2.2	Number and Percentage of Population Below Poverty Line – 1977-78	20
2.3	Number and Percentage of Population Below Poverty Line – 1983	21
2.4	Number and Percentage of Population Below Poverty Line – 1987-88	22
2.5	Number and Percentage of Population Below Poverty Line – 1993-94	23
2.6	Poverty Line as per the New Official Methodology (Urban)	25
2.7	Poverty Line as per the New Official Methodology (Rural)	26

The Chapter gives the estimates of incidence of poverty - number and the proportion of poor - at state level and in terms of their rural and urban break-up on a consistent methodology for the period 1973-74 to 1993-94. The Chapter also includes State-specific Poverty Lines for both rural and urban areas for each of the National Sample Survey Rounds for which the state level poverty estimates have been made.

Number and Percentage of Population Below Poverty Line — 1973-74

Chart 2.1/2.2 on page 24

State/Union Territories	Rural		Urban		Combined	
	No. of Persons (Lakhs)	Percentage of Persons	No. of Persons (Lakhs)	Percentage of Persons	No. of Persons (Lakhs)	Percentage of Persons
Andhra Pradesh	178.21	48.41	47.48	50.61	225.69	48.86
Arunachal Pradesh	2.57	52.67	0.09	36.92	2.66	51.93
Assam	76.37	52.67	5.46	36.92	81.83	51.21
Bihar	336.52	62.99	34.05	52.96	370.57	61.91
Goa	3.16	46.85	1.00	37.69	4.16	44.26
Gujarat	94.61	46.35	43.81	52.57	138.42	48.15
Haryana	30.08	34.23	8.24	40.18	38.32	35.36
Himachal Pradesh	9.38	27.42	0.35	13.17	9.73	26.39
Jammu & Kashmir	18.41	45.51	2.07	21.32	20.48	40.83
Karnataka	128.40	55.14	42.27	52.53	170.67	54.47
Kerala	111.36	59.19	24.16	62.74	135.52	59.79
Madhya Pradesh	231.21	62.66	45.09	57.65	276.30	61.78
Maharashtra	210.84	57.71	76.58	43.87	287.42	53.24
Manipur	5.11	52.67	0.75	36.92	5.86	49.96
Meghalaya	4.88	52.67	0.64	36.92	5.52	50.20
Mizoram	1.62	52.67	0.20	36.92	1.82	50.32
Nagaland	2.65	52.67	0.25	36.92	2.90	50.81
Orissa	142.24	67.28	12.23	55.62	154.47	66.18
Punjab	30.47	28.21	10.02	27.96	40.49	28.15
Rajasthan	101.41	44.76	27.10	52.13	128.51	46.14
Sikkim	1.09	52.67	0.10	36.92	1.19	50.86
Tamil Nadu	172.60	57.43	66.92	49.40	239.52	54.94
Tripura	7.88	52.67	0.66	36.92	8.54	51.00
Uttar Pradesh	449.99	56.53	85.74	60.09	535.73	57.07
West Bengal	257.96	73.16	41.34	34.67	299.30	63.43
A & N Island	0.59	57.43	0.15	49.40	0.74	55.56
Chandigarh	0.07	27.96	0.77	27.96	0.84	27.96
Dadra & Nagar Haveli	0.37	46.85	0.01	37.69	0.38	46.55
Delhi	1.06	24.44	21.78	52.23	22.84	49.61
Lakshadweep	0.18	59.19	0.03	62.74	0.21	59.68
Pondicherry	1.61	57.43	1.13	49.40	2.74	53.82
All India	2,612.90	56.44	600.46	49.01	3,213.36	54.88

Notes i) Poverty Ratio of Assam is used for Sikkim, Arunachal Pradesh, Meghalaya, Mizoram, Manipur, Nagaland and Tripura.

ii) Poverty Ratio of Tamil Nadu is used for Pondicherry and A & N Island.

iii) Poverty Ratio of Kerala is used for Lakshadweep.

iv) Poverty Ratio of Goa is used for Dadra & Nagar Haveli.

v) Urban Poverty Ratio of Punjab is used for both rural and urban poverty of Chandigarh.

vi) Poverty Line of Maharashtra and expenditure distribution of Goa is used to estimate poverty ratio of Goa.

Table 2.2 Incidence of Poverty**Number and Percentage of population Below Poverty Line — 1977-78**

Chart 2.1/2.2 on page 24

State/Union Territories	Rural		Urban		Combined	
	No. of Persons (Lakhs)	Percentage of Persons	No. of Persons (Lakhs)	Percentage of Persons	No. of Persons (Lakhs)	Percentage of Persons
Andhra Pradesh	149.13	38.11	48.41	43.55	197.54	39.31
Arunachal Pradesh	3.26	59.82	0.10	32.71	3.36	58.32
Assam	97.55	59.82	5.83	32.71	103.38	57.15
Bihar	364.48	63.25	37.34	48.76	401.82	61.55
Goa	2.72	37.64	1.16	36.31	3.88	37.23
Gujarat	92.53	41.76	38.35	40.02	130.88	41.23
Haryana	26.43	27.73	9.05	36.57	35.48	29.55
Himachal Pradesh	12.46	33.49	0.58	19.44	13.04	32.45
Jammu & Kashmir	19.04	42.86	2.68	23.71	21.72	38.97
Karnataka	120.39	48.18	47.78	50.36	168.17	48.78
Kerala	102.85	51.48	24.37	55.62	127.22	52.22
Madhya Pradesh	247.98	62.52	54.89	58.66	302.87	61.78
Maharashtra	249.75	63.97	80.16	40.09	329.91	55.88
Manipur	6.09	59.82	0.97	32.71	7.06	53.72
Meghalaya	6.10	59.82	0.69	32.71	6.79	55.19
Mizoram	2.03	59.82	0.28	32.71	2.31	54.38
Nagaland	3.44	59.82	0.30	32.71	3.74	56.04
Orissa	162.50	72.38	13.82	50.92	176.32	70.07
Punjab	18.87	16.37	11.36	27.32	30.23	19.27
Rajasthan	89.66	35.89	27.22	43.53	116.88	37.42
Sikkim	1.41	59.82	0.13	32.71	1.54	55.89
Tamil Nadu	182.50	57.68	72.97	48.69	255.47	54.79
Tripura	9.95	59.82	0.66	32.71	10.61	56.88
Uttar Pradesh	407.41	47.60	96.96	56.23	504.37	49.05
West Bengal	259.69	68.34	50.88	38.20	310.57	60.52
A & N Island	0.71	57.68	0.20	48.69	0.91	55.42
Chandigarh	0.08	27.32	0.95	27.32	1.03	27.32
Dadra & Nagar Haveli	0.33	37.64	0.16	36.31	0.49	37.20
Delhi	1.35	30.19	16.81	33.51	18.16	33.23
Lakshadweep	0.13	51.48	0.07	55.62	0.20	52.79
Pondicherry	1.65	57.68	1.35	48.69	3.00	53.25
All India	2,642.47	53.07	646.48	45.24	3,288.95	51.32

Notes i) Poverty Ratio of Assam is used for Sikkim, Arunachal Pradesh, Meghalaya, Mizoram, Manipur, Nagaland and Tripura.

ii) Poverty Ratio of Tamil Nadu is used for Pondicherry and A & N Island.

iii) Poverty Ratio of Kerala is used for Lakshadweep.

iv) Poverty Ratio of Goa is used for Dadra & Nagar Haveli.

v) Urban Poverty Ratio of Punjab is used for both rural and urban poverty of Chandigarh.

vi) Poverty Line of Maharashtra and expenditure distribution of Goa is used to estimate poverty ratio of Goa.

Number and Percentage of Population Below Poverty Line — 1983

Chart 2.1/2.2 on page 24

State/Union Territories	Rural		Urban		Combined	
	No. of Persons (Lakhs)	Percentage of Persons	No. of Persons (Lakhs)	Percentage of Persons	No. of Persons (Lakhs)	Percentage of Persons
Andhra Pradesh	114.34	26.53	50.24	36.30	164.58	28.91
Arunachal Pradesh	2.70	42.60	0.12	21.73	2.82	40.88
Assam	73.43	42.60	4.26	21.73	77.69	40.47
Bihar	417.70	64.37	44.35	47.33	462.05	62.22
Goa	1.16	14.81	1.07	27.00	2.23	18.90
Gujarat	72.88	29.80	45.04	39.14	117.92	32.79
Haryana	22.03	20.56	7.57	24.15	29.60	21.37
Himachal Pradesh	7.07	17.00	0.34	9.43	7.41	16.40
Jammu & Kashmir	13.11	26.04	2.49	17.76	15.60	24.24
Karnataka	100.50	36.33	49.31	42.82	149.81	38.24
Kerala	81.62	39.03	25.15	45.68	106.77	40.42
Madhya Pradesh	215.48	48.90	62.49	53.06	277.97	49.78
Maharashtra	193.75	45.23	97.14	40.26	290.89	43.44
Manipur	4.76	42.60	0.89	21.73	5.65	37.02
Meghalaya	5.04	42.60	0.57	21.73	5.62	38.81
Mizoram	1.58	42.60	0.37	21.73	1.96	36.00
Nagaland	3.19	42.60	0.31	21.73	3.50	39.25
Orissa	164.65	67.53	16.66	49.15	181.31	65.29
Punjab	16.79	13.20	11.85	23.79	28.64	16.18
Rajasthan	96.77	33.50	30.06	37.94	126.83	34.46
Sikkim	1.24	42.60	0.10	21.73	1.35	39.71
Tamil Nadu	181.61	53.99	78.46	46.96	260.07	51.66
Tripura	8.35	42.60	0.60	21.73	8.95	40.03
Uttar Pradesh	448.03	46.45	108.71	49.82	556.74	47.07
West Bengal	268.60	63.05	50.09	32.32	318.69	54.85
A & N Island	0.84	53.99	0.26	46.96	1.11	52.13
Chandigarh	0.09	23.79	1.10	23.79	1.19	23.79
Dadra & Nagar Haveli	0.16	14.81	0.02	27.00	0.18	15.67
Delhi	0.44	7.66	17.95	27.89	18.39	26.22
Lakshadweep	0.09	39.03	0.10	45.68	0.19	42.36
Pondicherry	1.56	53.99	1.72	46.96	3.28	50.06
All India	2,519.57	45.65	709.40	40.79	3,228.97	44.48

Notes i) Poverty Ratio of Assam is used for Sikkim, Arunachal Pradesh, Meghalaya, Mizoram, Manipur, Nagaland and Tripura.

ii) Poverty Ratio of Tamil Nadu is used for Pondicherry and A & N Island.

iii) Poverty Ratio of Kerala is used for Lakshadweep.

iv) Poverty Ratio of Goa is used for Dadra & Nagar Haveli.

v) Urban Poverty Ratio of Punjab is used for both rural and urban poverty of Chandigarh.

vi) Poverty Line of Maharashtra and expenditure distribution of Goa is used to estimate poverty ratio of Goa.

Table 2.4 Incidence of Poverty**Number and Percentage of Population Below Poverty Line — 1987-88**

Chart 2.1/2.2 on page 24

State/Union Territories	Rural		Urban		Combined	
	No. of Persons (Lakhs)	Percentage of Persons	No. of Persons (Lakhs)	Percentage of Persons	No. of Persons (Lakhs)	Percentage of Persons
Andhra Pradesh	96.38	20.92	64.05	40.11	160.43	25.86
Arunachal Pradesh	2.75	39.35	0.08	9.94	2.83	36.22
Assam	73.53	39.35	2.22	9.94	75.75	36.21
Bihar	370.23	52.63	50.70	48.73	420.93	52.13
Goa	1.31	17.64	1.65	35.48	2.96	24.52
Gujarat	74.13	28.67	48.22	37.26	122.36	31.54
Haryana	18.86	16.22	6.51	17.99	25.37	16.64
Himachal Pradesh	7.27	16.28	0.25	6.29	7.52	15.45
Jammu & Kashmir	14.11	25.70	2.85	17.47	16.95	23.82
Karnataka	96.81	32.82	61.80	48.42	158.61	37.53
Kerala	61.64	29.10	26.84	40.33	88.48	31.79
Madhya Pradesh	200.02	41.92	64.29	47.09	264.30	43.07
Maharashtra	186.89	40.78	109.38	39.78	296.27	40.41
Manipur	4.83	39.35	0.46	9.94	5.29	31.35
Meghalaya	5.18	39.35	0.30	9.94	5.48	33.92
Mizoram	1.46	39.35	0.25	9.94	1.70	27.52
Nagaland	3.49	39.35	0.18	9.94	3.66	34.43
Orissa	149.98	57.64	15.95	41.63	165.93	55.58
Punjab	17.09	12.60	8.08	14.67	25.17	13.20
Rajasthan	104.97	33.21	37.93	41.92	142.90	35.15
Sikkim	1.31	39.35	0.04	9.94	1.36	36.06
Tamil Nadu	161.80	45.80	69.27	38.64	231.07	43.39
Tripura	8.49	39.35	0.35	9.94	8.84	35.23
Uttar Pradesh	429.74	41.10	106.79	42.96	536.53	41.46
West Bengal	223.37	48.30	60.24	35.08	283.61	44.72
A & N Island	0.83	45.80	0.26	38.64	1.09	43.89
Chandigarh	0.08	14.67	0.76	14.67	0.84	14.67
Dadra & Nagar Haveli	0.79	67.11	-	-	0.79	67.11
Delhi	0.10	1.29	10.15	13.56	10.25	12.41
Lakshadweep	0.07	29.10	0.10	40.33	0.17	34.95
Pondicherry	1.33	45.80	1.72	38.64	3.05	41.46
All India	2,318.79	39.09	751.69	38.20	3,070.49	38.86

Notes i) Poverty Ratio of Assam is used for Sikkim, Arunachal Pradesh, Meghalaya, Mizoram, Manipur, Nagaland and Tripura.

ii) Poverty Ratio of Tamil Nadu is used for Pondicherry and A & N Island.

iii) Poverty Ratio of Kerala is used for Lakshadweep.

iv) Poverty line of Maharashtra and expenditure distribution of Dadar and Nagar Haveli is used to estimate poverty ratios of Dadar and Nagar Haveli.

v) Urban Poverty Ratio of Punjab is used for both rural and urban poverty of Chandigarh.

vi) Poverty Line of Maharashtra and expenditure distribution of Goa is used to estimate poverty ratio of Goa.

Number and Percentage of Population Below Poverty Line — 1993-94

Chart 2.1/2.2 on page 24

State/Union Territories	Rural		Urban		Combined	
	No. of Persons (Lakhs)	Percentage of Persons	No. of Persons (Lakhs)	Percentage of Persons	No. of Persons (Lakhs)	Percentage of Persons
Andhra Pradesh	79.49	15.92	74.47	38.33	153.97	22.19
Arunachal Pradesh	3.62	45.01	0.11	7.73	3.73	39.35
Assam	94.33	45.01	2.03	7.73	96.36	40.86
Bihar	450.86	58.21	42.49	34.50	493.35	54.96
Goa	0.38	5.34	1.53	27.03	1.91	14.92
Gujarat	62.16	22.18	43.02	27.89	105.19	24.21
Haryana	36.56	28.02	7.31	16.38	43.88	25.05
Himachal Pradesh	15.40	30.34	0.46	9.18	15.86	28.44
Jammu & Kashmir	19.05	30.34	1.86	9.18	20.92	25.17
Karnataka	95.99	29.88	60.46	40.14	156.46	33.16
Kerala	55.95	25.76	20.46	24.55	76.41	25.43
Madhya Pradesh	216.19	40.64	82.33	48.38	298.52	42.52
Maharashtra	193.33	37.93	111.90	35.15	305.22	36.86
Manipur	6.33	45.01	0.47	7.73	6.80	33.78
Meghalaya	7.09	45.01	0.29	7.73	7.38	37.92
Mizoram	1.64	45.01	0.30	7.73	1.94	25.66
Nagaland	4.85	45.01	0.20	7.73	5.05	37.92
Orissa	140.90	49.72	19.70	41.64	160.60	48.56
Punjab	17.76	11.95	7.35	11.35	25.11	11.77
Rajasthan	94.68	26.46	33.82	30.49	128.50	27.41
Sikkim	1.81	45.01	0.03	7.73	1.84	41.43
Tamil Nadu	121.70	32.48	80.40	39.77	202.10	35.03
Tripura	11.41	45.01	0.38	7.73	11.79	39.01
Uttar Pradesh	496.17	42.28	108.28	35.39	604.46	40.85
West Bengal	209.90	40.80	44.66	22.41	254.56	35.66
A & N Island	0.73	32.48	0.33	39.77	1.06	34.47
Chandigarh	0.07	11.35	0.73	11.35	0.80	11.35
Dadra & Nagar Haveli	0.72	51.95	0.06	39.93	0.77	50.84
Daman & Diu	0.03	5.34	0.15	27.03	0.18	15.80
Delhi	0.19	1.90	15.32	16.03	15.51	14.69
Lakshadweep	0.06	25.76	0.08	24.55	0.14	25.04
Pondicherry	0.93	32.48	2.38	39.77	3.31	37.40
All India	2,440.31	37.27	763.37	32.36	3,203.68	35.97

Notes i) Poverty Ratio of Assam is used for Sikkim, Arunachal Pradesh, Meghalaya, Mizoram, Manipur, Nagaland and Tripura.

ii) Poverty Ratio of Tamil Nadu is used for Pondicherry and A & N Island.

iii) Poverty Ratio of Kerala is used for Lakshadweep.

iv) Poverty Ratio of Goa is used for Daman & Diu.

v) Urban Poverty Ratio of Punjab is used for both rural and urban poverty of Chandigarh.

vi) Poverty Line of Maharashtra and expenditure distribution of Goa is used to estimate poverty ratio of Goa.

vii) Poverty line of Maharashtra and expenditure distribution of Dadar and Nagar Haveli is used to estimate poverty ratios of

Dadar and Nagar Haveli. viii) Poverty Ratio of Himachal Pradesh is used for Jammu and Kashmir.

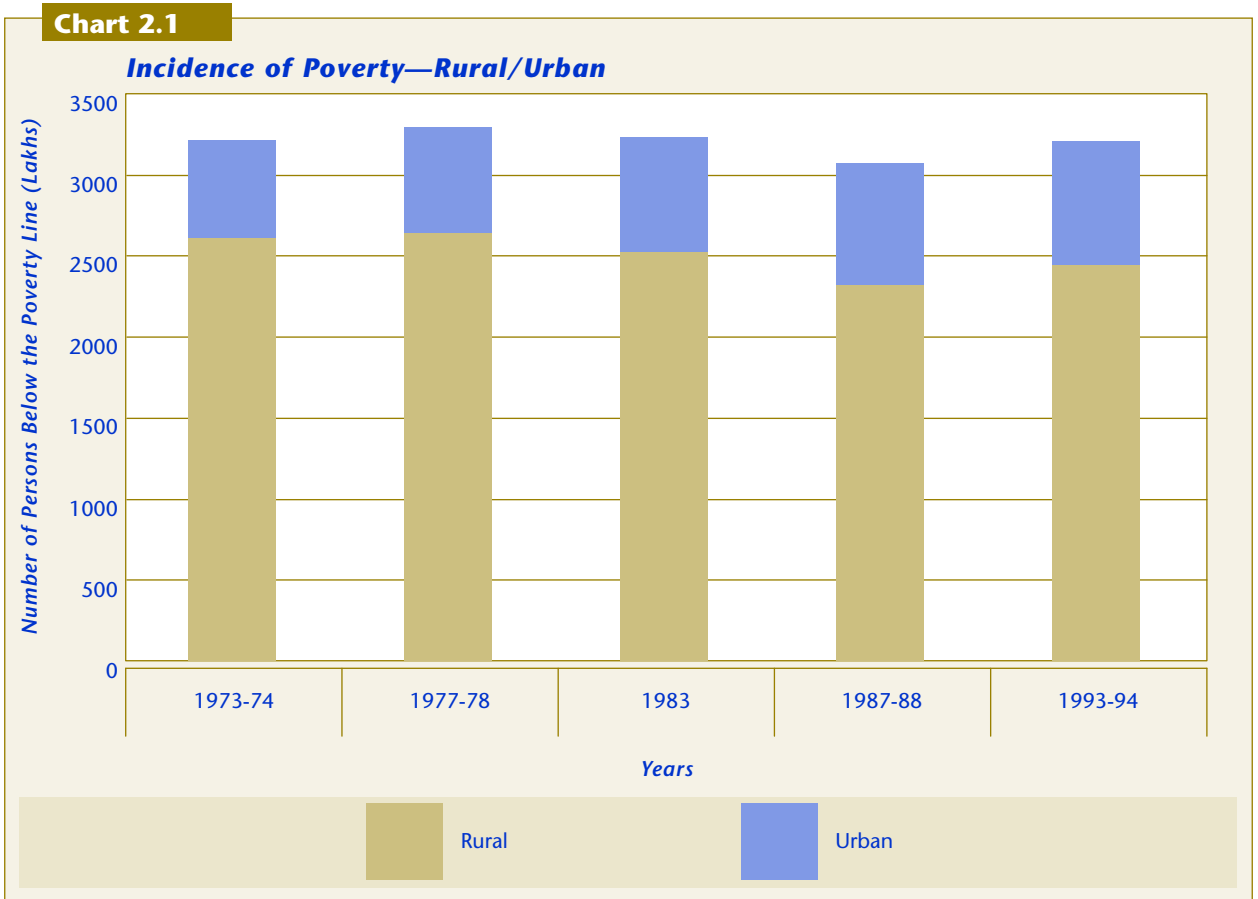


Chart for Tables 2.1, 2.2, 2.3, 2.4, 2.5

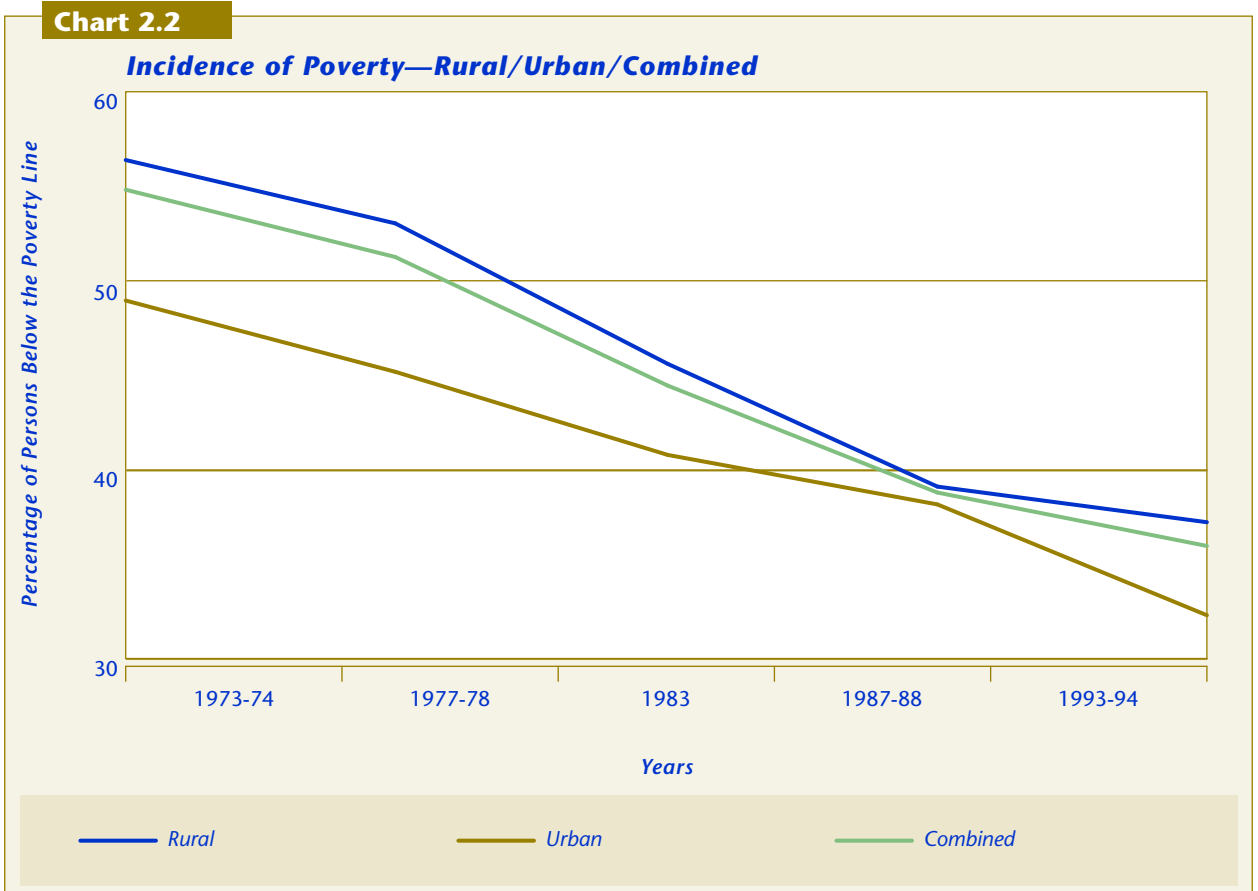


Chart for Tables 2.1, 2.2, 2.3, 2.4, 2.5

Poverty Line as per the New Official Methodology—Urban

(Rs. Monthly per Capita)

States	1973-74	1977-78	1983-84	1987-88	1993-94
Andhra Pradesh	53.96	69.05	106.43	151.88	278.14
Arunachal Pradesh	*	*	*	*	*
Assam	50.26	61.38	97.51	126.60	212.42
Bihar	61.27	67.27	111.80	150.25	238.49
Goa	59.48	73.99	126.47	189.17	328.56
Gujarat	62.17	72.39	123.22	173.18	297.22
Haryana	52.42	66.94	103.48	143.22	258.23
Himachal Pradesh	51.93	66.32	102.26	144.10	253.61
Jammu & Kashmir	37.17	55.41	99.62	148.38	*
Karnataka	58.22	68.85	120.19	171.18	302.89
Kerala	62.78	67.05	122.64	163.29	280.54
Madhya Pradesh	63.02	74.40	122.82	178.35	317.16
Maharashtra	59.48	73.99	126.47	189.17	328.56
Manipur	*	*	*	*	*
Meghalaya	*	*	*	*	*
Mizoram	*	*	*	*	*
Nagaland	*	*	*	*	*
Orissa	59.34	72.41	124.81	165.40	298.22
Punjab	51.93	65.70	101.03	144.98	253.61
Rajasthan	59.99	72.00	113.55	165.38	280.85
Sikkim	*	*	*	*	*
Tamil Nadu	51.54	67.02	120.30	165.82	296.63
Tripura	*	*	*	*	*
Uttar Pradesh	57.37	69.66	110.23	154.15	258.65
West Bengal	54.81	67.50	105.91	149.96	247.53
Andaman & Nicobar	*	*	*	*	*
Chandigarh	*	*	*	*	*
Dadra & Nagar Haveli	59.48	73.99	126.47	189.17	328.56
Daman & Diu	*	*	*	*	*
Delhi	67.95	80.17	123.29	176.91	309.48
Lakshadweep	*	*	*	*	*
Pondicherry	*	*	*	*	*
All India[#]	56.76	70.33	115.65	162.16	281.35

Note i) *: In the Expert Group, poverty ratios for these states have not been calculated separately, but has been adopted from those of other states. The details are as follows: 1 Poverty Ratio of Assam is used for Sikkim, Arunachal Pradesh, Meghalaya, Mizoram, Manipur, Nagaland and Tripura; 2 Poverty Ratio of Tamil Nadu is used for Pondicherry and A & N Island; 3 Poverty Ratio of Kerala is used for Lakshadweep; 4 Poverty Ratio of Goa is used for Daman & Diu; 5 Urban Poverty Ratio of Punjab used for both rural and urban poverty of Chandigarh; 6 In 1993-94, Poverty Ratio of Himachal Pradesh is used for Jammu & Kashmir; 7 Since poverty ratio is estimated from the consumption expenditure distribution and the poverty line, it is preferable that the poverty lines of these states may be equated to that of the state whose poverty ratio is adopted.

ii) #: The poverty line (implicit) at all-India level is worked out from the expenditure class-wise distribution of persons and the poverty ratio at all-India level. The poverty ratio at all-India level is obtained as the weighted average of the state-wise poverty ratio.

Table 2.7 Incidence of Poverty**Poverty Line as per the New Official Methodology—Rural**

(Rs. Monthly per Capita)

States	1973-74	1977-78	1983-84	1987-88	1993-94
Andhra Pradesh	41.71	50.88	72.66	91.94	163.02
Arunachal Pradesh	*	*	*	*	*
Assam	49.82	60.29	98.32	127.44	232.05
Bihar	57.68	58.93	97.48	120.36	212.16
Goa	50.47	58.07	88.24	115.61	194.94
Gujarat	47.10	54.70	83.29	115.00	202.11
Haryana	49.95	59.37	88.57	122.90	233.79
Himachal Pradesh	49.95	59.37	88.57	122.90	233.79
Jammu & Kashmir	46.59	61.53	91.75	124.33	*
Karnataka	47.24	51.95	83.31	104.46	186.63
Kerala	51.68	58.88	99.35	130.61	243.84
Madhya Pradesh	50.20	56.26	83.59	107.00	193.10
Maharashtra	50.47	58.07	88.24	115.61	194.94
Manipur	*	*	*	*	*
Meghalaya	*	*	*	*	*
Mizoram	*	*	*	*	*
Nagaland	*	*	*	*	*
Orissa	46.87	58.89	106.28	121.42	194.03
Punjab	49.95	59.37	88.57	122.90	233.79
Rajasthan	50.96	57.54	80.24	117.52	215.89
Sikkim	*	*	*	*	*
Tamil Nadu	45.09	56.62	96.15	118.23	196.53
Tripura	*	*	*	*	*
Uttar Pradesh	48.92	54.21	83.85	114.57	213.01
West Bengal	54.49	63.34	105.55	129.21	220.74
A & N Island	*	*	*	*	*
Chandigarh	*	*	*	*	*
Dadra & Nagar Haveli	50.47	58.07	88.24	115.61	194.94
Daman & Diu	*	*	*	*	*
Delhi	49.95	59.37	88.57	122.90	233.79
Lakshadweep	*	*	*	*	*
Pondicherry	*	*	*	*	*
All India[#]	49.63	56.84	89.50	115.20	205.84

Note i) *: In the Expert Group, poverty ratios for these states have not been calculated separately, but has been adopted from those of other states. The details are as follows: 1 Poverty Ratio of Assam is used for Sikkim, Arunachal Pradesh, Meghalaya, Mizoram, Manipur, Nagaland and Tripura; 2 Poverty Ratio of Tamil Nadu is used for Pondicherry and A & N Island; 3 Poverty Ratio of Kerala is used for Lakshadweep; 4 Poverty Ratio of Goa is used for Daman & Diu; 5 Urban Poverty Ratio of Punjab used for both rural and urban poverty of Chandigarh; 6 In 1993-94, Poverty Ratio of Himachal Pradesh is used for Jammu & Kashmir; 7 Since poverty ratio is estimated from the consumption expenditure distribution and the poverty line, it is preferable that the poverty lines of these states may be equated to that of the state whose poverty ratio is adopted.

ii) #: The poverty line (implicit) at all-India level is worked out from the expenditure class-wise distribution of persons and the poverty ratio at all-India level. The poverty ratio at all-India level is obtained as the weighted average of the state-wise poverty ratio.

Plan Statistics

No	Chapter Title	Page No.
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4	Financial Resources	38

This Section looks at the plan outlays over five decades for both the five-year plans as well as the annual plans. In India, we have opted for a five-year medium-term plan, anchored in a rolling perspective, plan normally of 15 years, as an instrument for bringing about planned socio-economic development. So far, eight five-year plans have been implemented and we are the midst of the Ninth Five Year Plan. A five-year plan is an indicative plan of action over the ensuing five years reflecting largely the intent of the Government for that period at the national, regional and the sectoral level. The provisioning of the indicated plan outlay and the annual break-up of physical targets in respect of various programmes and schemes, if any, are operationalised through allocations made in each of the annual plans constituting that period. Plan outlays by heads of development for Centre, States and Union Territories for the successive five-year plans are followed by the underlying financing pattern of the public sector plans. The table on pattern of financing public sector plans summarises fiscal situation underlying successive five year plans.

Table Title	Page No.
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The tables in this Chapter give a summary of Plan outlays for the Centre, States and the Union Territories over successive five year plans and their relative share in the total plan outlay. Information has also been tabulated for plan outlays, by major heads of development, over the last five decades. For the more recent plans, these have been presented in terms of the corresponding annual plans as well. This Section is followed by a summary table giving the financing pattern of the public sector plans over the plan period.

Plan Outlays Table 3.1

Five Year Plan Outlays

(Rs. Crores)

Five Year Plan	Period	Outlays			
		Centre	States	UTs	Total
First Plan	1951-56	1,241.00	828.00	—	2,069.00
Second Plan	1956-61	2,559.12	2,240.88	—	4,800.00
Third Plan	1961-66	3,600.00	3,725.00	175.00	7,500.00
Fourth Plan	1969-74	8,870.00	6,606.47	425.00	15,902.16
Fifth Plan	1974-79	19,954.10	18,265.08	634.06	38,853.24
Sixth Plan	1980-85	47,250.00	48,600.00	1,650.00	97,500.00
Seventh Plan	1985-90	95,534.00	80,698.00	3,768.00	180,000.00
Eighth Plan	1992-97	247,865.00	179,985.00	6,250.00	434,100.00
Ninth Plan	1997-2002	489,361.00	369,839.00	*	859,200.00

- Note** i) First Plan total outlay is the 1952 Original Plan Provision.
 ii) The Fifth Plan total outlay excludes Rs.450.00 crores for Hill and Tribal Areas.
 iii) Outlays are at prices at base year of plan.
 iv) *: The State Outlay for Ninth Plan includes the figures for UTs.

Plan
Statistics

Table 3.2

Outlays During the Annual Plans

(Rs. Crores)

Five Year Plan	Period	Outlays			
		Centre	States	UTs	Total
Annual Plan	1966-67	1,089.37	931.72	60.45	2,081.54
Annual Plan	1967-68	1,172.00	*1,010.00	64.00	2,246.00
Annual Plan	**1968-69	1,320.00	974.00	65.00	2,359.00
Annual Plan	1979-80	6,411.81	@5,910.33	227.49	@12,549.63

- Note** i) *: This does not take into account reduction of Rs. 14.19 crores in Bihar Annual Plan 1967-68 of Rs. 80.55 crores.
 ii) **: Revised.
 iii) @: Includes increase in outlays by Rs.80 crores for W.Bengal agreed subsequent to Annual Plan Discussion.

Table 3.3 Plan Outlays
Percentage Shares of Centre, States and UTs. in Plan Expenditure (at current prices)

Chart 3.1 on page 30

(Rs. Crores)

Plan Period	Centre	% Share of the Plan	States	% Share of the Plan	UTs	% Share of the Plan	Total
First Plan (1951-56 Actuals)	706.00	36.02	1,245.00	63.52	9.00	0.46	1,960.00
Second Plan (1956-61 Actuals)	2,534.00	54.24	2,115.00	45.27	23.00	0.49	4,672.00
Third Plan(1961-66 Actuals)	4,212.00	49.11	4,227.00	49.28	138.00	1.61	8,577.00
Annual Plan (1966-69)	3,401.00	51.34	3,118.00	47.06	106.00	1.60	6,625.00
Fourth Plan (1969-74 Actuals)	7,826.00	49.60	7,675.00	48.64	278.00	1.76	15,779.00
Fifth Plan (1974-79 Actuals)	18,755.00	47.57	20,015.00	50.77	656.00	1.66	39,426.00
Annual Plan (1979-80)	5,695.00	46.77	6,291.00	51.67	190.00	1.56	12,176.00
Sixth Plan (1980-85 Actuals)	57,825.00	52.91	49,458.00	45.25	2,009.00	1.84	1,09,292.00
Seventh Plan (1985-90 Actuals)	1,27,519.60	58.30	87,492.40	40.00	3,717.70	1.70	2,18,729.70
Eighth Plan (1992-97 Actuals)	2,88,930.10	59.52	1,87,937.50	38.71	8,589.71	1.77	4,85,457.31

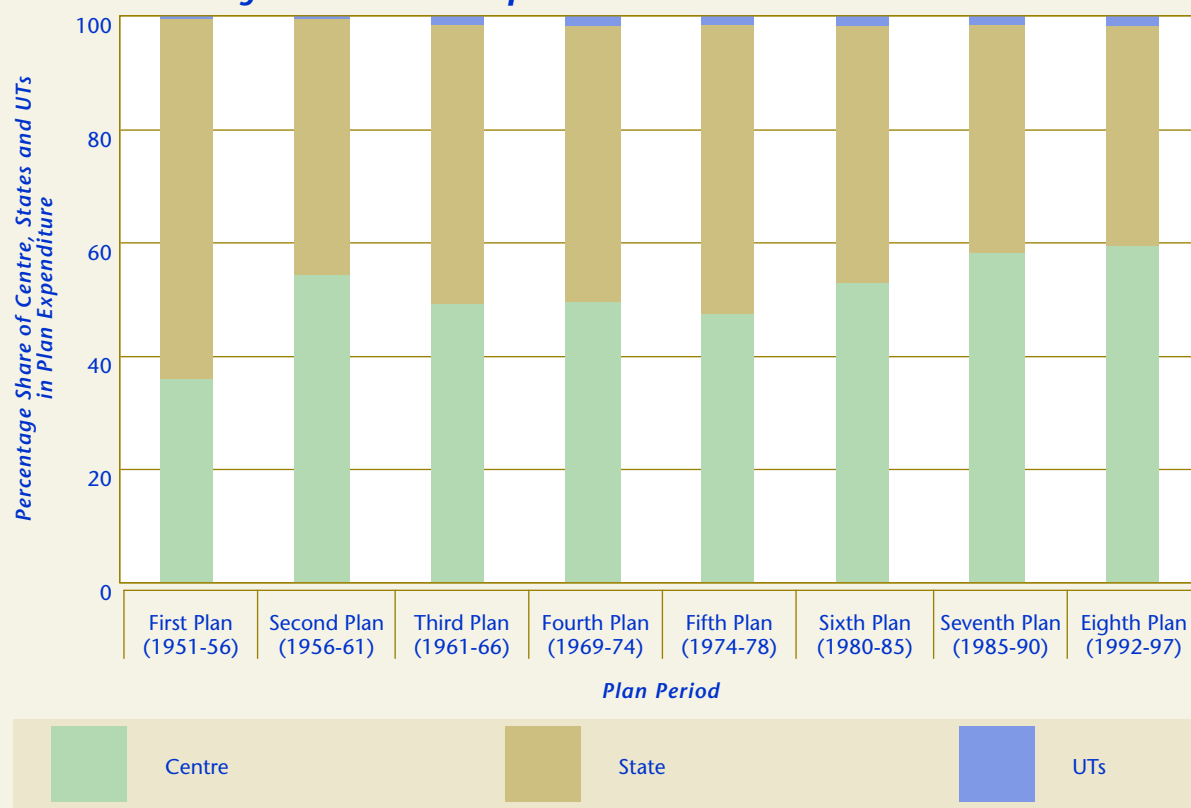
Plan Statistics
Chart 3.1
Percentage Share of Plan Expenditure


Chart for Table 3.3

Plan Outlays by Heads of Development

(Rs. Crores)

Heads of Development	First Plan 1951-56 (Actuals)	Second Plan 1956-61 (Actuals)	Third Plan 1961-66 (Actuals)	Annual Plan 1966-69 (Actuals)	Fourth Plan 1969-74 (Actuals)	Fifth Plan 1974-79 (Actuals)	Annual Plan 1979-80 (Actuals)
Agriculture & Allied Sectors	289.90	549.00	1,088.90	*1,107.10	*2,120.40	4,864.90	1,996.50
Irrigation and Flood Control	197.50	430.50	664.70	471.00	1,354.10	3,876.50	1,287.90
Power	@385.40	452.00	1,252.30	1,212.50	2,931.70	7,399.50	2,240.50
Village and Small Industries	42.10	186.80	240.80	126.10	242.60	592.50	255.70
Industry and Minerals	54.70	937.70	1,726.30	1,510.40	2,864.40	8,988.60	2,383.50
Transport and Communication	517.80	1,261.00	2,111.70	1,222.40	3,080.40	6,870.30	2,044.90
Education	149.00	273.50	588.70	306.80	774.30	1,710.30	263.00
Scientific Research			71.60	47.10	130.80		+91.40
Health			225.90	140.20	335.50	760.80	223.10
Family Planning	97.90	227.80	24.90	70.40	278.00	491.80	118.50
Water Supply and Sanitation	33.50	85.00	105.70	102.70	458.90	1,091.60	387.60
Housing Urban and Regional Development			127.60	73.30	270.20	1,150.00	368.80
Welfare of Backward Classes	31.80	83.00	99.10	73.60	164.60	**724.00	**247.90
Social Welfare	4.00	36.60	19.40	11.20	64.40	88.20	30.70
Labour Welfare and Craftsmen Training	a)	b)	55.80	34.80	31.10	817.20	236.50
Other Programmes	156.40	148.90	173.10	115.80	179.8)		
Special Schemes							
Special Welfare Programme	—	—	—	—	123.60	—	—
Crash Scheme for Educated Unemployed	—	—	—	—	54.00	—	—
Advance Action for Fifth Plan	—	—	—	—	120.00	—	—
Total	1,960.00	4,671.80	8,576.50	6,625.40	15,778.80	39,426.20	12,176.50

Note i) *: Includes Buffer Stock: Rs 140 crores for 1968-69, Rs.25 crores for 1969-70, Rs.50 crores for 1971-72, Rs.25 crores for 1972-73 and Rs.24 crores for 1973-74. These figure for buffer stocks during the Fourth Plan works out to Rs.124 crores against plan provision of Rs.255 crores.

ii) **: Includes Hill and Tribal Areas.

iii) +: Includes new and renewable sources of energy.

iv) @: Includes Rs.236.6 for multipurpose projects.

v) a): Includes Rs.95.70 crores for rehabilitation.

vi) b): Includes Rs.64.2 crores for rehabilitation.

Table 3.5 **Plan Outlays****Sixth Plan (1980-85) Plan Outlay by Heads of Development for Centre, States, UTs.**

(Rs. Crores)

Heads of Development	Outlays	Actuals
Agriculture	5,695.07	6,623.50
Rural Development	5,363.73	6,996.80
Special Area Programme	1,483.00	1,580.30
Irrigation and Flood Control	12,160.03	10,929.90
Energy	26,535.44	30,751.30
a) Power	19,265.44	18,298.60
b) New and Renewable Source of Energy	100.00	163.10
c) Petroleum	4,300.00	8,482.10
d) Coal	2,870.00	3,807.50
e) Energy Development	—	—
Industry and Minerals	15,017.57	*16,947.50
a) Village and Small Scale Industries	1,780.45	1,945.10
b) Large and Medium Industries	13,237.12	*14,790.40
c) Others	—	212.00
Transport	12,411.97	14,208.40
a) Railways	5,100.00	6,586.70
b) Others	7,311.97	7,621.70
Communication, Information & Broadcasting	3,134.26	3,469.50
Science & Technology	865.20	@1,020.40
Social Services	14,035.26	15,916.60
a) Education	2,523.74	2,976.60
b) Health and Family Planning	2,831.05	3,412.20
c) Housing & Urban Development	2,488.40	2,839.10
d) Other Social Services	6,192.07	6,688.70
Others	801.47	847.50
Totals (All except Others)	97,500.00	1,09,291.70 (1,10,467.3)
Central Plan	47,250.00	57,825.20
State Plans	48,600.00	49,458.20 (50,633.8)
UTs Plans	1,650.00	2,008.30

Note i) Figures in brackets are inclusive of expenditure Rs.191 crores in 1980-81, Rs.162 crores in 1981-82, Rs.442 crores in 1982-83, Rs.226 crores in 1983-84 & Rs.154.5 crores in 1984-85 on work financed by central assistance for relief from natural calamities.

ii) *: Excludes Rs.2.85 crores for National Test Houses.

iii) @: Includes Rs.2.85 crores for National Test House.

Seventh Plan (1985-90) Outlay by Heads of Development for Centre, States & UTs.

(Rs. Crores)

Heads of Development	Outlays	Actuals
Agriculture & Allied Activities	10,523.62	12,792.60
Rural Development	8,906.08	15,246.50
Special Area Programmes	2,803.59	3,470.30
Irrigation & Flood Control	16,978.65	16,589.90
Energy	55,128.96	61,689.30
a) Power	34,273.46	37,895.30
b) Petroleum	12,935.37	16,008.80
c) Coal & Lignite	7,400.58	7,122.30
d) Non-conventional Sources of Energy	519.55	662.90
Industry & Minerals	22,107.85	29,220.30
a) Village & Small Industries	2,752.74	3,249.30
b) Other Industries	19,355.11	25,971.10
Transport	22,644.86	29,548.10
a) Railways	12,334.55	16,549.20
b) Others	10,310.31	12,998.90
Communications	4,474.52	8,425.50
Science, Technology & Environment	2,463.06	3,023.90
General Economic Services	1395.60*	2,249.60
Social Services	31,545.24	34,959.70
a) Education	6,382.65	7,685.50
b) Medical & Public Health	3,392.89	3,688.60
c) Family Welfare	3,256.26	3,120.80
d) Housing	2,428.21	2,722.80
e) Urban Development	1,801.29	2,113.40
f) Other Social Services**	14,283.94	15,628.50
General Services	1,027.97	1,513.80
Total	1 80,000.00	2 18,729.60
Central Plan	95,534.00	1 27,519.60
State Plans	80,698.00	87,492.40
UTs Plans	3,768.00	3,717.70

Note i) As per revised budget classification.

ii) Annual Plan Outlays/Expenditure in respect of some erstwhile Union Territories have been included in State Plans' figures consequent on their attainment of Statehood. The Seventh Plan outlays are, however, as per the then existing situation.

iii) *: Includes provision for District Planning and National Saving Scheme also.

iv) **: Provision for special Employment Scheme is also included.

Table 3.7 Plan Outlays**Plan Outlay (1990-92) by Heads of Development for Centre, States & UTs.**

(Rs. Crores)

Heads of Development	Annual Plan - 1990-91 Actuals	Annual Plan - 1991-92 Actuals
Agriculture & Allied Activities	3,405.40	3,850.50
Rural Development	4,149.90	4,141.60
Special Area Programmes	986.30	1,067.30
Irrigation & Flood Control	3,974.10	4,231.90
Energy	17,101.10	19,733.60
a) Power	11,387.80	14,517.90
b) Petroleum	3,592.10	3,339.80
c) Coal & Lignite	1,984.80	1,709.60
d) Non-conventional Sources of Energy	136.40	166.30
Industry & Minerals	6,374.30	6,564.50
a) Village & Small Industries	877.90	941.20
b) Other Industries	5,496.40	5,623.30
Transport	8,074.30	9,314.00
a) Railways	4,892.80	5,393.30
b) Others	3,181.50	3,920.70
Communications	2,948.30	3,613.70
Science, Technology & Environment	758.70	861.70
General Economic Services	754.70	843.00
Social Services	9,606.60	10,298.70
a) Education	2,316.50	2,599.00
b) Medical & Public Health	1,040.80	924.80
c) Family Welfare	782.20	1,023.30
d) Housing	939.80	603.90
e) Urban Development	740.20	748.40
f) Other Social Services	3,787.10	4,399.30
General Services	235.60	230.70
Total	58,369.30	64,751.20
Central Plan	34,254.70	37,846.50
State Plans	23,116.90	25,739.30
UTs Plans	997.70	1,165.40

Eighth Plan Outlay by Heads of Development for Centre, States & UTs.

(Rs. Crores)

Amount	Eighth Plan 1992-97 Outlays	Actual Expenditure Total	Annual Plan 1992-93 Actuals	Annual Plan 1993-94 Actuals	Annual Plan 1994-95 Actuals	Annual Plan 1995-96 Actuals	Annual Plan 1996-97 Actuals
Agriculture & Allied Activities	22,467.20	24,895.70	4,215.60	4,263.50	5,350.20	5,082.00	5,984.40
Rural Development	34,425.40	40,372.11	5,091.40	7,033.30	8,717.10	9,967.20	9,563.11
Special Area Programmes	6,750.10	4,932.52	1,283.80	1,363.60	1,428.20	407.80	449.12
Irrigation & Flood Control	32,525.30	31,398.87	4,705.20	5,370.50	6,104.10	7,245.10	7,973.97
Energy	1,15,561.10	1,28,904.50	20,289.80	26,909.00	27,482.00	26,893.30	27,330.43
a) Power	79,588.70	76,725.80	12,157.40	14,773.10	16,346.40	16,511.40	16,937.50
b) Petroleum	24,000.00	40,062.49	5,698.50	9,589.30	8,643.60	8,123.50	8,007.59
c) Coal & Lignite	10,507.00	10,715.24	2,276.50	2,293.10	2,238.70	1,948.30	1,958.64
d) Non-conventional Sources of Energy	1,465.40	1,401.10	157.40	253.50	253.30	310.20	426.70
Industry & Minerals	46,921.70	47,888.84	7,444.20	8,481.10	9,088.00	10,808.10	12,067.44
a) Village & Small Industries	6,334.20	7,265.71	995.30	1,152.20	1,512.40	1,794.40	1,811.41
b) Other Industries	40,587.50	40,623.13	6,448.90	7,328.90	7,575.60	9,013.70	10,256.03
Transport	55,925.60	65,173.02	10,662.70	11,976.70	12,096.60	13,766.90	16,670.12
a) Railways	27,202.00	32,180.00	6,162.00	5,901.00	5,472.00	6,335.00	8,310.00
b) Others	28,723.60	32,993.02	4,500.70	6,075.70	6,624.60	7,431.90	8,360.10
Communications	25,110.00	36,374.89	5,150.90	6,201.60	7,273.80	8,626.20	9,122.39
Science, Technology & Environment	9,041.70	7,109.53	929.90	1,153.40	1,407.40	1,764.80	1,854.03
General Economic Services	4,549.50	6,181.74	1,490.10	848.80	1,159.60	1,104.00	1,579.24
Social Services	79,011.90	88,806.63	11,322.80	14,016.60	17,409.20	20,848.40	25,209.63
a) Education	19,599.70	21,598.67	2,619.40	3,147.30	3,940.00	5,355.70	6,536.27
b) Medical & Public Health	7,575.90	8,137.60	1,213.90	1,300.40	1,625.90	1,929.10	2,068.30
c) Family Welfare	6,500.00	5,972.79	1,008.10	1,312.60	1,684.90	1,743.50	223.69
d) Housing	5,273.00	7,531.84	650.60	1,291.50	1,055.60	1,356.60	3,177.54
e) Urban Development	5,277.00	6,272.48	791.30	855.80	1,025.20	1,535.60	2,064.58
f) Other Social Services	34,786.30	39,293.35	5,039.50	6,109.00	8,077.60	8,928.00	11,139.25
General Services	1,810.50	3,418.89	266.00	462.60	651.10	866.70	1,172.49
Total	4,34,100.00	4,85,457.20	72,852.40	88,080.70	98,167.30	1,07,380.40	1,18,976.37
Central Plan	2,47,865.00	2,88,930.10	43,693.80	55,215.90	59,053.80	63,493.70	67,472.88
State Plans	1,79,985.00	1,87,937.50	27,916.70	31,500.60	37,459.10	42,044.30	49,016.79
UTs Plans	6,250.00	8,589.71	1,241.90	1,364.20	1,654.40	1,842.50	2,486.71

Table 3.9 *Plan Outlays***Ninth Plan Public Sector Outlays by Major Heads of Development***(Rs. Crores at 1996-97 prices)*

Head of Development	Centre	States/UTs	Total Ninth Plan
Agriculture & Allied Activities	14,876	27,586	42,462
Irrigation & Flood Control	2,291	53,129	55,420
Rural Development	42,278	32,408	74,686
Special Programmes*	0	3,649	3,649
Energy	1,53,807	68,568	2,22,375
Industry & Minerals	51,664	13,484	65,148
Transport	81,791	37,582	119,373
Communications ***	47,249	31	47,280
Science, Technology & Environment	15,449	3,009	18,458
Gen. Economic Services	6,279	8,301	14,580
General Services**	1,393	11,103	12,496
Social Services	72,284	1,10,989	1,83,273
Total	4,89,361	3,69,839	8,59,200

Note i) *: Includes the Central Assistance for Special Area Programmes which is being allocated to the States as part of the Central Assistance for State Plans in the Ninth Plan and, as such, is not reflected as part of special programmes.

ii) **: The figure for states is exceptionally high in the Ninth Plan due to the inclusion of the amount earmarked for decentralised planning by a few States for which no sectoral break-up is given.

iii) ***: Also includes Information Technology.

Ninth Plan Outlay by Heads of Development for Centre, States/UTs: Annual Plans

(Rs. Crores)

	Annual Plan 1997-98 (Actual)	Annual Plan 1998-99 (Actual)*	Annual Plan 1999-2000 (RE)	Annual Plan 2000-2001 (BE)*
Agricultural & Allied Activities	5,929.3	2,672.5	7,231.9	3,622.6
Rural Development	10,074.3	5,562.9	11,114.6	5,388.5
Special Area Programmes	874.0	0.0	1,521.0	0.0
Irrigation and Flood Control	9,905.0	325.7	13,990.8	451.6
Energy	31,792.7	22,468.9	38,752.0	29,793.0
a) Power	9,396.3	8,157.1	21,846.0	11,610.8
b) Petroleum	9,682.7	11,213.6	12,318.3	13,148.8
c) Coal & Lignite	2,212.7	2,540.1	3,683.1	4,089.2
d) Non-conventional Sources of Energy	501.0	558.0	904.7	944.2
Industry and Minerals	10,306.1	6,006.3	8,452.6	9,279.6
a) Village and Small Scale Industries	1,813.9	,913.1	1,642.8	1,215.6
b) Other Industries	8,492.2	5,093.1	6,809.9	8,064.0
Transport	18,101.1	12,213.3	25,425.1	20,992.2
a) Railways	8,239.0	8,857.0	8,965.0	11,249.0
b) Others	9,862.1	3,356.3	16,460.1	9,743.2
Communications	10,131.5	11,374.6	14,910.8	19,455.3
Science, Technology & Environment	2,004.0	2,278.4	3,056.2	3,597.8
General Economic Services	1,811.0	1,146.2	2,579.8	1,441.3
Social Services	26,867.1	19,394.9	41,660.7	23,007.9
a) Education	7,656.6	4,279.5	10,602.4	5,847.1
b) Medical & Public Health	2,641.5	3,157.1	3,979.0	1,399.0
c) Family Welfare	1,822.2	2,342.7	3,120.0	3,520.0
d) Housing	2,117.5	1,651.1	4,845.8	3,968.9
e) Urban Development	2,944.4	470.4	3,837.6	1,392.2
f) Other Social Services	9,685.0	7,494.1	15,276.1	6,880.7
General Services	1,961.2	281.1	2,161.3	303.9
Total	1,29,757.3	83,724.6	1,70,856.8	1,17,333.8
Central Plan	70,861.4	83,724.6	96,309.9	1,17,333.8
State Plans	56,223.9	—	71,054.5	—
Union Territory Plans	2,671.9	—	3,492.4	—

Note i) *: Central Plan only since figures for States/UTs sector are not yet available.

ii) Figures may not add upto total because of rounding.

iii) RE: revised Estimates.

iv) BE: budget Estimates.

Chapter 4 **Financial Resources**

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Table 4.1 Financial Resources
Pattern of Financing Public Sector Plans

Chart 4.1 on page 40

Sources of Finance	First Plan (1951-56) (1950-51 prices)		Second Plan (1956-61) (1955-56 prices)		Third Plan (1961-66) (1960-61 prices)	
	Budget Estimate	Actuals	Budget Estimate	Actuals	Budget Estimate	Actuals
Balance from Current Revenues (BCR)	570 27.54%	637 32.50%	350 7.29%	-50 -1.09%	550 7.33%	-419 -4.89%
Contribution of CPSEs Enterprises including Railways	170 8.22%	115 5.87%	150 3.13%	^a 150 3.26%	550 7.33%	435 5.07%
Internal Borrowing (Market Borrowing, Small Savings, PF & Other Special Funds)	385 18.61%	447 22.81%	1,200 25.00%	1,180 25.65%	1,770 23.60%	^c 1,875 21.86%
Balance of Miscl. Capital Receipts over Non-Plan Disbursement	133 6.42%	239 12.19%	^d 250 5.21%	^d 230 5.00%	170 2.27%	238 2.77%
Additional Resource Mobilisation (ARM)	f	f	850 17.71%	1,052 22.87%	1,710 22.80%	2,892 33.72%
External Assistance		189 9.64%	800 16.67%	^g 1,090 23.70%	2,200 29.33%	2,423 28.25%
Deficit Financing	^h 811 39.21%	333 16.99%	1,200 25.00%	948 20.61%	550 7.33%	1,133 13.21%
Aggregate Resources	2,069 100%	1,960 100%	4,800 100%	4,600 100%	7,500 100%	8,577 100%

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- Note**
- i) a: Inclusive of increased fares & freights.
 - ii) b: Includes Retained earnings of Reserve Bank of India.
 - iii) c: Includes Annuity Deposits, C.D., Prize Bonds and Gold Bonds.
 - iv) d: Includes Provident Fund and Steel Equalisation Funds.
 - v) e: Includes Rs.1000 crores of Drawing from foreign exchange reserves.
 - vi) f: Includes under balance from current reserves.
 - vii) g: Includes Investment of PL-480 Funds by the Reserve Bank in Special Securities in 1960-61.
 - viii) h: Relates to External Assistance and deficit financing.
 - ix) #: Includes MCR (Miscellaneous Capital Receipts).
 - x) *: 1992-97 Eighth Plan : Latest estimates from the Annual Plan Documents have been taken.

Source i) Plan Documents, Planning Commission.

Financial Resources Table 4.1

Fourth Plan (1969-74) (1968-69 prices)		Fifth Plan (1974-79) (1973-74 prices)		Sixth Plan (1980-85) (1979-80 prices)		Seventh Plan (1985-90) (1984-85 prices)		Eighth Plan* (1992-97) (1992-93 prices)		Ninth Plan (1997-02) (1996-97)
Budget Estimate	Actuals	Plan	Latest Estimate	Plan	Latest Estimate	Plan	Latest Estimate	Plan	Latest Estimate	Plan
1,673 10.52%	-236 -1.46%	4,901 12.47%	6,636 16.30%	14,478 14.85%	1,893 1.71%	-5,249 -2.92%	-12,502 -7.00%		-46,250 -12.01%	-1,406
2,231 14.03%	^b 1,431 8.86%	849 2.16%	2,583 6.34%	9,395 9.64%	5,810 5.24%	35,485 19.71%	14,083 7.89%	1,48,140 34.13%	1,01,268 26.34%	3,40,409
3,651 22.96%	5,083 31.45%	10,516 26.76%	11,588 28.46%	32,387 33.22%	38,570 34.80%	60,444 33.58%	[#] 101,218 56.68%	[#] 2,02,255 46.59%	2,23,714 58.19%	[#] 4,60,179
1,685 10.60%	1,455 9.00%	1,156 2.94%	836 2.05%	4,009 4.11%	7,365 6.65%	12,618 7.01%	#	#	38,538 10.02%	#
3,198 20.11%	4,280 26.49%	14,693 37.38%	10,300 25.30%	21,302 21.85%	32,970 29.75%	44,702 24.83%	31,391 17.58%			
2,614 16.44%	2,087 12.91%	5,834 14.84%	5,209 12.79%	^e 10,929 11.21%	8,529 7.70%	18,000 10.00%	16,124 9.03%	28,700 6.61%	38,190 9.93%	60,018
850 5.35%	2,060 12.75%	1,354 3.45%	3,560 8.74%	5,000 5.13%	15,684 14.15%	14,000 7.78%	28,256 15.82%	20,000 5.01%	29,018 7.55%	
15,902 100%	16,160 100%	39,303 100%	40,712 100%	97,500 100%	1,10,821 100%	1,80,000 100%	1,78,570 100%	3,99,096 100%	3,84,505 100%	8,59,200

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**Plan
Statistics**

Financial Resources

Chart 4.1

Pattern of Financing

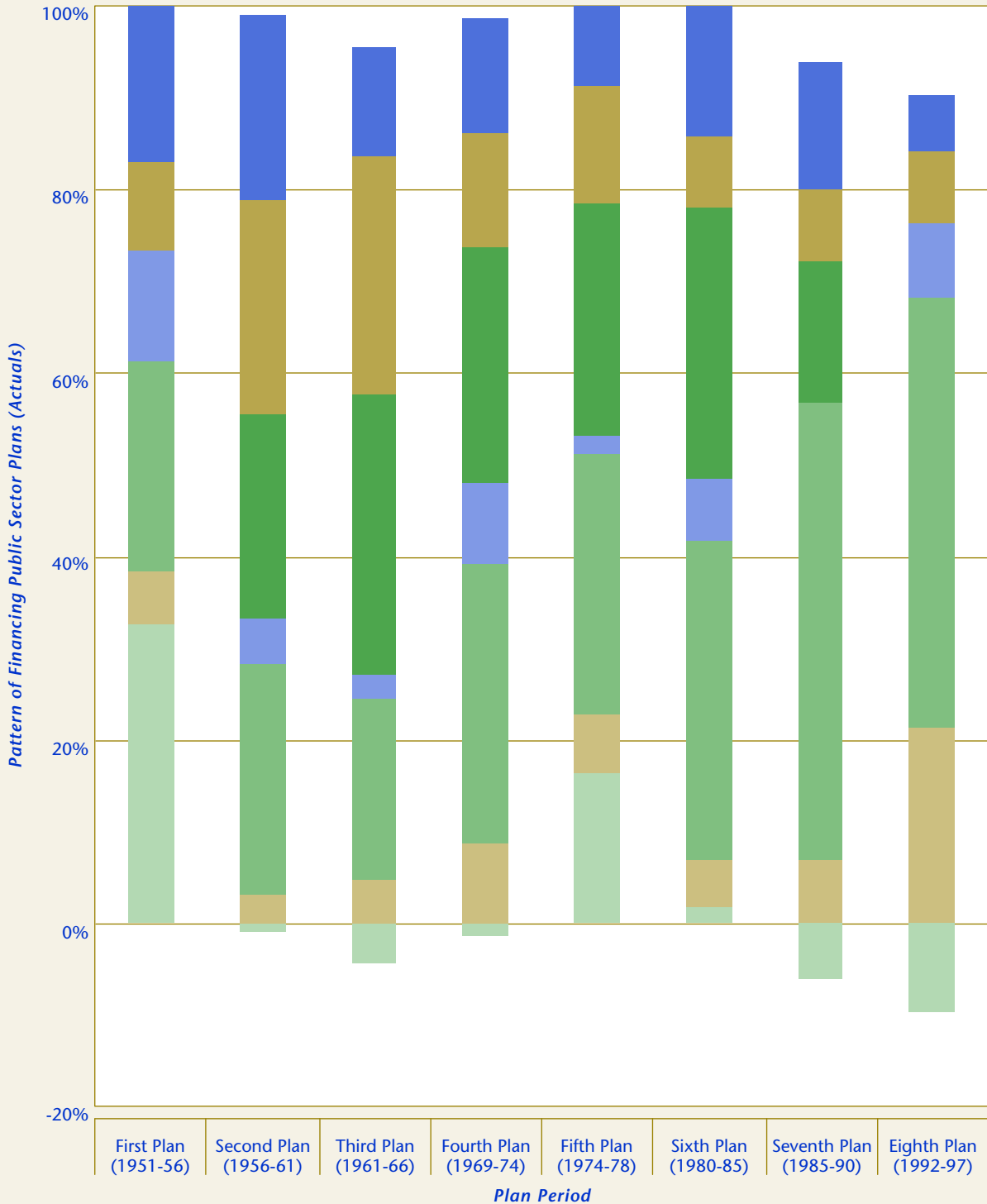


Chart for Table 4.1

Sectoral Profile

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7 Industry and Minerals	80

The Sectoral Profile of the economy included in this section covers developments in agriculture; irrigation and flood control; and industrial sector (including minerals). Agriculture Sector continues to be the mainstay of the Indian economy in more ways than one. While two-third of the labour force is still dependent on agriculture sector for its subsistence, the sector still accounts for nearly 30% of value added to the GDP. The tables on Irrigation and Flood Control, while reflecting the importance given to extending irrigation infrastructure in the country during the successive five-year plans, also highlight, the gap in the potential created through various major, medium and minor irrigation schemes and its utilisation for the various five year plans. The tables on Industrial sector attempt to capture both the magnitude as also the changing structure of industrial production, in terms of production of selected industries both large as well as the village and small-scale, over the last five decades.

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5.18 Per-capita Net Availability of Foodgrains in India	72
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Tables in this chapter focus on sown area, the irrigated area, production and yield of major food and non-food agricultural items at the all-India level. These include cereals like rice, wheat and coarse cereals; pulses, oilseeds, sugarcane, potato, coconut; and non-food items like cotton, jute, mesta and tobacco. Information on use of agriculture inputs, such as seeds, fertilisers, pesticides as also the flow of institutional credit to agriculture has also been compiled.

Table 5.1

Flow of Institutional Credit to Agriculture

(Rs. Million)

Year	Cooperatives				Commercial Banks & Regional Rural Banks			
	Short Term	Medium Term	Long Term	Total	Short Term	Medium Term	Total	Grand Total
1950-51	229	13	242					242
1960-61	1,828	199	116				2,143	2,143
1970-71	5,193	586	1,009	6,788			2,064	8,852
1980-81	15,263	2,373		21,263	5,170	7,458	12,628	33,891
1981-82	19,240	2,933	3,627	26,124	6,231	8,726	14,957	41,081
1982-83	20,381	3,915	3,951	28,554	6,628	7,844	14,471	43,025
1983-84	21,579	3,415	4,387	29,381	9,923	11,288	21,211	50,592
1984-85	25,825	3,962	4,636	34,423	11,783	16,072	27,855	62,277
1985-86	27,874	5,054	5,818	38,746	14,285	17,024	31,309	70,056
1986-87	30,073	5,845	6,153	42,071	16,826	21,267	38,093	80,164
1987-88	31,198	5,668	7,337	44,203	19,175	20,918	40,090	84,293
1988-89	35,942	6,025	6,549	48,516	20,154	22,181	42,335	90,851
1989-90	39,951	5,770	6,840	52,561	22,335	26,961	49,296	101,857
1990-91	28,216	3,658	7,852	39,726	21,725	28,375	50,100	89,827
1991-92	44,030	5,701	8,270	58,000	26,770	27,250	54,020	112,020
1992-93	71,704	#	22,075	93,779	29,210	28,700	57,910	151,689
1993-94	78,388	#	22,777	101,165	34,320	29,450	63,770	164,935
1994-95	94,620	#	24,531	119,151	47,470	47,610	95,080	214,231
1995-96	99,660	#	28,000	127,660	69,200	51,630	120,830	248,490
1996-97	13,440	#	33,600	168,000	62,380	57,790	120,170	288,170

Note i) #: Included in long term.

Source i) Ministry of Agriculture.

Table 5.2 **Agriculture****Land Use Classification — All India**

Chart 5.1 on page 45

(Million Hectares)

Classification	1950-51	1960-61	1970-71	1980-81	1990-91	1991-92	1992-93 (P)	1993-94 (P)	1994-95	1995-96 (P)
I Geographical Area	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73
II Reporting Area for Land Utilisation Statistics	284.32	298.46	303.76	304.15	304.86	304.90	304.84	304.88	304.83	304.89
1 Forests	40.48 (14.2)	54.05 (18.1)	63.91 (21)	67.47 (22.2)	67.80 (22.2)	67.87 (22.3)	67.98 (22.3)	68.28 (22.4)	68.6 (22.5)	68.83 (22.6)
2 Not available for cultivation (A+B)										
a) Area under non-agricultural uses	9.36 (3.30)	14.84 (5.00)	16.48 (5.40)	19.66 (6.40)	21.09 (6.90)	21.47 (7.00)	21.87 (7.20)	22.21 (7.20)	22.56 (7.40)	22.35 (7.30)
b) Barren & Uncultivable land	38.16 (13.40)	35.91 (12.00)	28.16 (9.30)	19.96 (6.60)	19.39 (6.40)	19.27 (6.30)	19.04 (6.20)	18.69 (6.20)	18.46 (6.10)	19.03 (6.30)
3 Other uncultivable land excluding fallow land										
a) Permanent pastures & other grazing lands	6.68 (2.30)	13.97 (4.70)	13.26 (4.40)	11.97 (3.90)	11.40 (3.70)	11.30 (3.70)	11.07 (3.60)	10.97 (3.60)	11.03 (3.60)	11.05 (3.60)
b) Land under misc. tree crops & groves not included in net area sown	19.83 (7.00)	4.46 (1.50)	4.30 (1.40)	3.60 (1.20)	3.82 (1.30)	3.76 (1.20)	3.76 (1.20)	3.69 (1.20)	3.73 (1.20)	3.49 (1.20)
c) Cultivable wasteland	22.94 (8.10)	19.21 (6.40)	17.50 (5.80)	16.74 (5.50)	15.00 (4.90)	14.99 (4.90)	14.57 (4.80)	14.41 (4.70)	14.26 (4.70)	14.10 (4.60)
4 Fallow lands										
a) Fallow land other than current fallow	17.44 (6.10)	11.18 (3.80)	8.76 (2.90)	9.92 (3.30)	9.66 (3.20)	9.94 (3.30)	9.68 (3.20)	9.83 (3.20)	9.97 (3.30)	10.01 (3.30)
b) Current fallow	10.68 (3.80)	11.64 (3.90)	11.12 (3.50)	14.83 (4.90)	13.70 (4.50)	14.67 (4.80)	14.15 (4.70)	14.38 (4.70)	13.25 (4.30)	13.81 (4.50)
5 Net area sown (6-7)	118.75 (41.80)	133.20 (44.60)	140.27 (46.30)	140.00 (460)	143.00 (46.90)	141.63 (46.50)	142.72 (46.80)	142.42 (46.70)	142.96 (46.90)	142.22 (46.60)
6 Total cropped area (Gross cropped area)	131.89	152.77	165.79	172.63	185.74	182.24	185.70	186.60	188.05	186.56
7 Area sown more than once	13.14	19.57	25.52	32.63	42.74	40.61	42.98	44.18	45.09	44.35
8 Cropping intensity*	111.10	114.70	118.20	123.30	129.90	128.70	130.10	131.00	131.50	131.20
III Net Irrigated Area	20.85	24.66	31.10	38.72	47.78	49.87	50.30	51.34	53.00	53.51
IV Gross irrigated Area	22.56	27.98	38.19	49.78	62.47	65.68	66.76	68.25	70.65	71.51

Note i) (P): Provisional.

ii) *: Cropping intensity is obtained by dividing the gross cropped area by the net area sown. The Second figure for each classification indicates person to reported area.

Distribution of Land Holdings—All India

(No of Holdings: '000 No; Area: '000 Hectares)

Category of Holdings	No of Operational Holdings		Area Operated		Average Size of Operational Holdings	
	1985-86	1990-91	1985-86	1990-91	1985-86	1990-91
Marginal (Less than 1 Hectare)	56,147 (57.8)	63,389 (59.4)	22,042 (13.4)	24,894 (15.1)	0.39	0.39
Small (1.0 TO 2.0 Hectares)	17,922 (18.4)	20,092 (18.8)	25,708 (15.6)	28,827 (17.4)	1.43	1.43
Semi Medium (2.0 TO 4.0 Hectares)	13,252 (13.6)	13,923 (13.1)	36,666 (22.3)	38,375 (23.2)	2.77	2.76
Medium (4.0 TO 10.0 Hectares)	7,916 (8.2)	7,580 (7.1)	47,144 (28.6)	44,752 (27.0)	5.96	5.90
Large (10.0 Hectares and Above)	1,918 (2.0)	1,654 (1.6)	33,002 (20.1)	28,659 (17.3)	17.21	17.33
All Holdings	97,155 (100.0)	106,637 (100.0)	164,562 (100.0)	165,507 (100.0)	1.69	1.55

Note i) Figures in brackets indicate the percentage of respective column to totals percentages on the basis of absolute values.

Source i) Agricultural Census 1990-91.

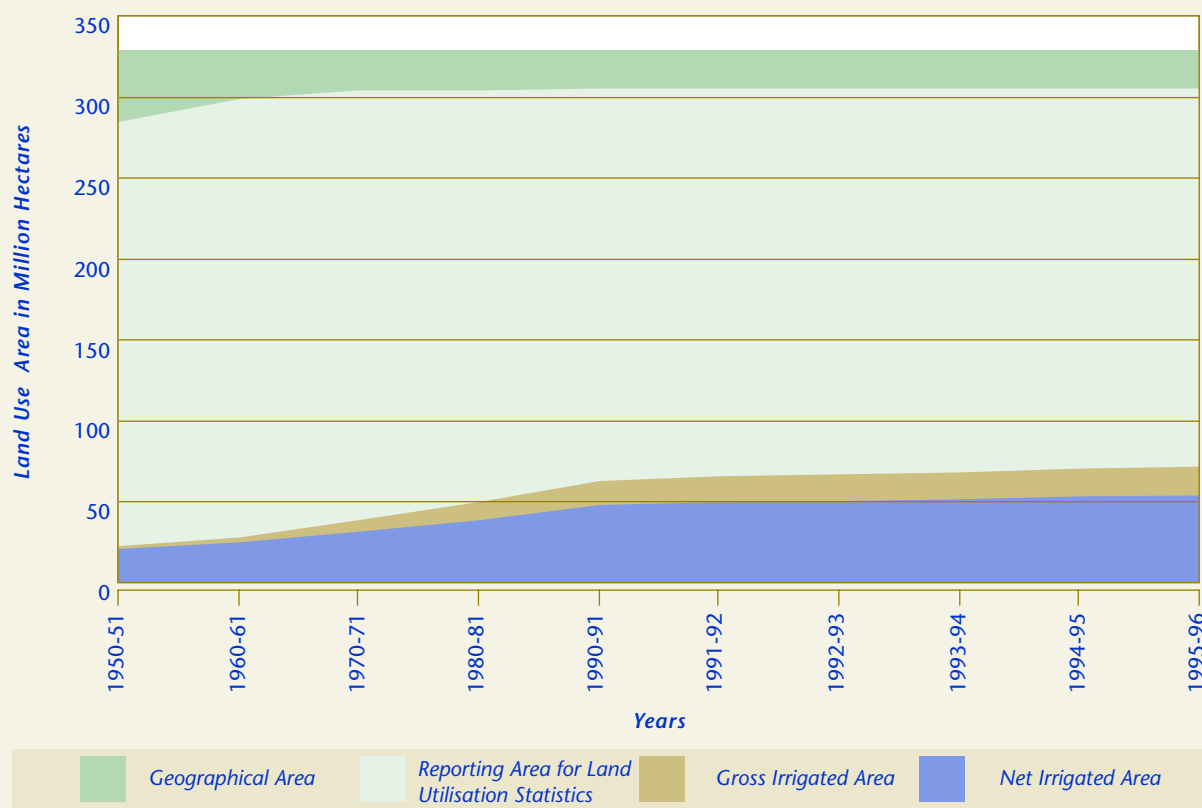
Chart 5.1
Land Use Classification


Chart for Table 5.2

Table 5.4 Agriculture**All India Area, Production and Yield of Foodgrains (Kharif & Rabi)**

Chart 5.2 on page 47

Year	Kharif			Rabi			Total		
	A	P	Y	A	P	Y	A	P	Y
1966-67	78.21	48.89	625	37.09	25.34	683	115.3	74.23	644
1967-68	81.49	60.76	746	39.93	34.29	859	121.42	95.05	783
1968-69	80.40	59.57	741	40.03	34.44	860	120.43	94.01	781
1969-70	82.30	62.35	758	41.27	37.15	900	123.57	99.5	805
1970-71	82.36	68.92	837	41.96	39.5	942	124.32	108.42	872
1971-72	79.22	62.99	795	43.4	42.18	972	122.62	105.17	858
1972-73	78.34	58.64	749	40.94	38.39	938	119.28	97.03	813
1973-74	84.12	67.84	806	42.42	36.83	868	126.54	104.67	827
1974-75	79.74	59.1	741	41.34	40.73	985	121.08	99.83	824
1975-76	83.15	73.89	889	45.03	47.14	1047	128.18	121.03	944
1976-77	81.18	66.53	819	43.18	44.64	1034	124.36	111.17	894
1977-78	82.88	77.72	938	44.64	48.69	1091	127.52	126.41	991
1978-79	82.85	78.08	942	46.16	53.82	1166	129.01	131.9	1022
1979-80	80.79	63.25	783	44.42	46.45	1046	125.21	109.7	876
1980-81	83.21	77.65	933	43.46	51.94	1195	126.67	129.59	1023
1981-82	83.93	79.38	946	45.21	53.92	1193	129.14	133.3	1032
1982-83	79.08	69.9	884	46.02	59.62	1296	125.1	129.52	1035
1983-84	84.14	89.23	1061	47.02	63.14	1343	131.16	152.37	1162
1984-85	81.18	84.52	1041	45.49	61.02	1341	126.67	145.54	1149
1985-86	81.80	85.25	1042	46.22	65.19	1410	128.02	150.44	1175
1986-87	81.46	80.2	985	45.74	63.22	1382	127.2	143.42	1128
1987-88	74.89	74.56	996	44.8	65.79	1468	119.69	140.35	1173
1988-89	82.03	95.64	1166	45.64	74.28	1628	127.67	169.92	1331
1989-90	81.40	100.99	1241	45.37	70.05	1544	126.77	171.04	1349
1990-91	80.78	99.44	1231	47.06	76.95	1635	127.84	176.39	1380
1991-92	78.02	91.59	1174	43.85	76.79	1751	121.87	168.38	1382
1992-93	77.92	101.47	1302	45.23	78.01	1725	123.15	179.48	1457
1993-94	75.81	100.4	1324	46.94	83.86	1787	122.75	184.26	1501
1994-95	75.19	101.09	1344	48.67	90.41	1857	123.86	191.5	1546
1995-96	73.60	95.12	1292	47.42	85.3	1799	121.01	180.42	1491
1996-97	74.34	103.92	1379	48.24	95.52	1980	123.58	199.44	1614
1997-98	74.15	101.58	1370	49.7	90.68	1825	123.85	192.26	1552
1998-99	74.07	103.35	1395	51.29	99.69	1944	125.36	203.04	1620

Note i) A: Area, Million Hectares.
 ii) P: Production, Million Tonnes.
 iii) Y: Yield, Kg/Hectare.

Agriculture **Table 5.5**
Area Irrigated by Sources

(Area: '000 Hectares)

Source	1950-51	1960-61	1970-71	1980-81	1990-91	1991-92	*1992-93	*1993-94	*1994-95	*1995-96
Government Canals	7,158 (34.3)	9,170 (37.2)	11,972 (38.5)	14,450 (37.3)	16,973 (35.3)	17,327 (34.7)	17,001 (33.8)	16,653 (32.4)	16,799 (31.7)	16,882 (31.0)
Private Canals	1,137 (5.5)	1,200 (4.9)	866 (2.8)	842 (2.2)	480 (1.0)	464 (0.9)	456 (0.9)	485 (0.9)	481 (0.9)	560 (1.0)
Tanks	3,613 (17.3)	4,561 (18.5)	4,112 (13.2)	3,182 (8.2)	2,944 (6.1)	2,991 (6.0)	2,854 (5.7)	3,170 (6.2)	3,276 (6.2)	3,111 (5.8)
Tubewells	(a) (0.6)	135 (14.3)	4,461 (24.6)	9,531 (29.7)	14,57 (30.4)	15,118 (31.4)	15,814 (31.9)	16,376 (32.4)	17,190 (33.5)	17,937
Others Wells	5,978 (28.7)	7,155 (29.0)	7,426 (23.9)	8,164 (21.1)	10,437 (21.7)	10,869 (21.8)	11,105 (22.1)	11,220 (21.9)	11,722 (22.1)	11,860 (22.2)
Other Sources	2,967 (14.2)	2,440 (9.8)	2,266 (7.3)	2,551 (6.6)	2,932 (6.1)	3,048 (6.2)	3,065 (6.1)	3,435 (6.7)	3,533 (6.7)	3,460 (6.5)
Total (Net Irrigated Area)	20,853 (100.0)	24,661 (100.0)	31,103 (100.0)	38,720 (100.0)	48,023 (100.0)	49,867 (100.0)	50,295 (100.0)	51,339 (100.0)	53,001 (100.0)	53,510 (100.0)

Note i) Figures in brackets are percentages to total Net irrigated Area.
 ii) Included under Other Wells as separate figures were not collected during this year.
 iii) *: Provisional.

Chart 5.2

Production and Yield of Food Grains (Kharif and Rabi)

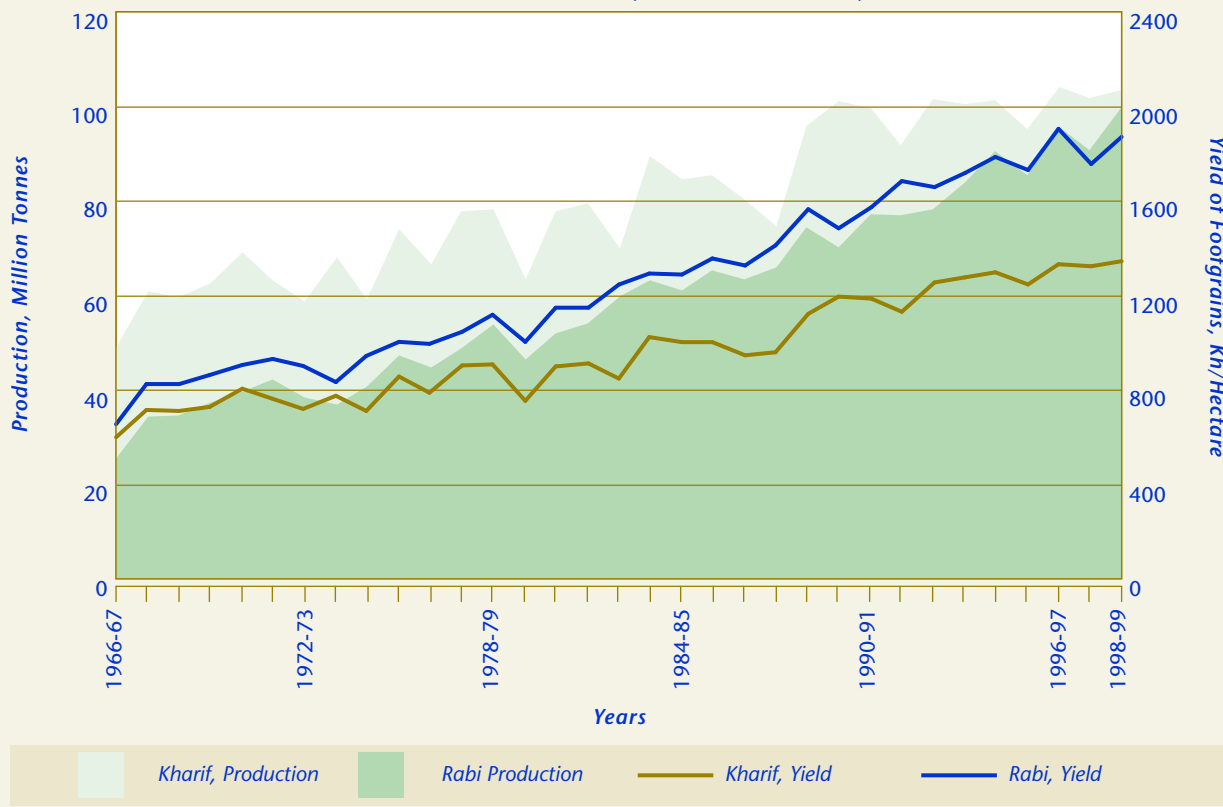


Chart for Table 5.4

Table 5.6 *Agriculture***All India Area, Production and Yield of Foodgrains***Chart 5.3 on page 49*

Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1949-50	99.28	54.92	553	17.80
1950-51	97.32	50.82	522	18.10
1951-52	96.96	51.99	536	18.40
1952-53	102.09	59.200	580	18.10
1953-54	109.07	69.82	640	18.10
1954-55	107.86	68.03	631	18.40
1955-56	110.56	66.85	605	18.50
1956-57	111.14	69.86	629	18.20
1957-58	109.48	64.31	587	19.30
1958-59	114.76	77.14	672	18.70
1959-60	115.82	76.67	662	18.80
1960-61	115.58	82.02	710	19.10
1961-62	117.23	82.71	705	19.10
1962-63	117.84	80.15	680	19.80
1963-64	117.42	80.64	687	19.80
1964-65	118.11	89.36	757	20.20
1965-66	115.10	72.35	629	20.90
1966-67	115.30	74.23	644	22.20
1967-68	121.42	95.05	783	21.60
1968-69	120.43	94.01	781	23.60
1969-70	123.57	99.50	805	23.70
1970-71	124.32	108.42	872	24.10
1971-72	122.62	105.17	858	24.50
1972-73	119.28	97.03	813	25.40
1973-74	126.54	104.67	827	24.50
1974-75	121.08	99.83	824	26.50
1975-76	128.18	121.03	944	26.50
1976-77	124.36	111.17	894	27.40
1977-78	127.52	126.41	991	27.70
1978-79	129.01	131.90	1,022	28.80
1979-80	125.21	109.70	876	30.30
1980-81	126.67	129.59	1,023	29.70
1981-82	129.14	133.30	1,032	29.60
1982-83	125.10	129.52	1,035	30.80
1983-84	131.16	152.37	1,162	30.90
1984-85	126.67	145.54	1,149	31.90
1985-86	128.02	150.44	1,175	31.40
1986-87	127.20	143.42	1,128	32.60
1987-88	119.69	140.35	1,173	33.50
1988-89	127.67	169.92	1,331	34.40
1989-90	126.77	171.04	1,349	35.00

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Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1990-91	127.84	176.39	1,380	35.10
1991-92	121.87	168.38	1,382	37.40
1992-93	123.15	179.48	1,457	37.40
1993-94	122.75	184.26	1,501	38.70
1994-95	123.86	191.50	1,546	39.60
1995-96	121.01	180.42	1,491	40.50
1996-97	123.58	199.44	1,614	
1997-98	123.85	192.26	1,552	
1998-99	125.36	203.04	1,620	

Chart 5.3

Area Under Cultivation/Irrigation and Yield of Foodgrains

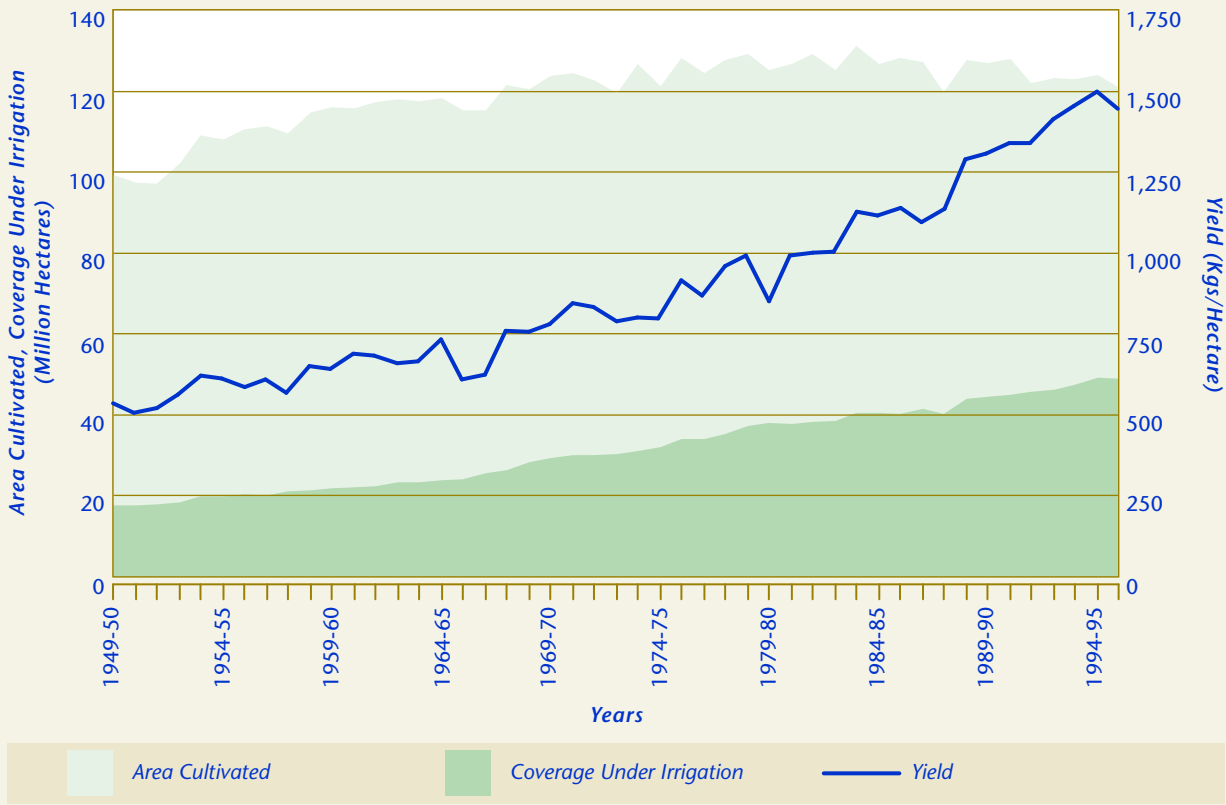


Chart for Table 5.6

Table 5.7 *Agriculture***All India Area, Production and Yield of Rice***Chart 5.4 on page 51*

Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1949-50	30.52	23.54	771	32.30
1950-51	30.81	20.58	668	31.70
1951-52	29.83	21.30	714	31.70
1952-53	29.97	22.90	764	32.30
1953-54	31.29	28.21	902	33.60
1954-55	30.77	25.22	820	34.40
1955-56	31.52	27.56	874	34.90
1956-57	32.28	29.04	900	35.40
1957-58	32.30	25.53	790	36.40
1958-59	33.17	30.85	930	36.30
1959-60	33.82	31.68	937	35.80
1960-61	34.13	34.58	1,013	36.80
1961-62	34.69	35.66	1,028	37.50
1962-63	35.69	33.21	931	37.40
1963-64	35.81	37.00	1,033	37.10
1964-65	36.46	39.31	1,078	37.30
1965-66	35.47	30.59	862	36.50
1966-67	35.25	30.44	863	37.90
1967-68	36.44	37.61	1,032	38.60
1968-69	36.97	39.76	1,076	38.40
1969-70	37.68	40.43	1,073	38.20
1970-71	37.59	42.22	1,123	38.40
1971-72	37.76	43.07	1,141	37.20
1972-73	36.69	39.24	1,070	39.10
1973-74	38.29	44.05	1,151	38.40
1974-75	37.89	39.58	1,045	38.80
1975-76	39.48	48.74	1,235	38.70
1976-77	38.51	41.92	1,088	38.40
1977-78	40.28	52.67	1,308	40.20
1978-79	40.48	53.77	1,328	41.60
1979-80	39.42	42.33	1,074	42.80
1980-81	40.15	53.63	1,336	40.70
1981-82	40.71	53.25	1,308	41.50
1982-83	38.26	47.12	1,231	42.00
1983-84	41.24	60.10	1,457	42.70
1984-85	41.16	58.34	1,417	43.70
1985-86	41.14	63.83	1,552	42.90
1986-87	41.17	60.56	1,471	44.10
1987-88	38.81	56.86	1,465	43.60
1988-89	41.73	70.49	1,689	45.80
1989-90	42.17	73.57	1,745	46.10

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Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1990-91	42.69	74.29	1,740	45.50
1991-92	42.65	74.68	1,751	47.30
1992-93	41.78	72.86	1,744	48.00
1993-94	42.54	80.30	1,888	48.60
1994-95	42.81	81.81	1,911	49.80
1995-96	42.84	76.98	1,797	50.10
1996-97	43.43	81.74	1,882	
1997-98	43.45	82.53	1,900	
1998-99	44.60	85.99	1,928	

Chart 5.4

Area Under Cultivation/Irrigation and Yield of Rice

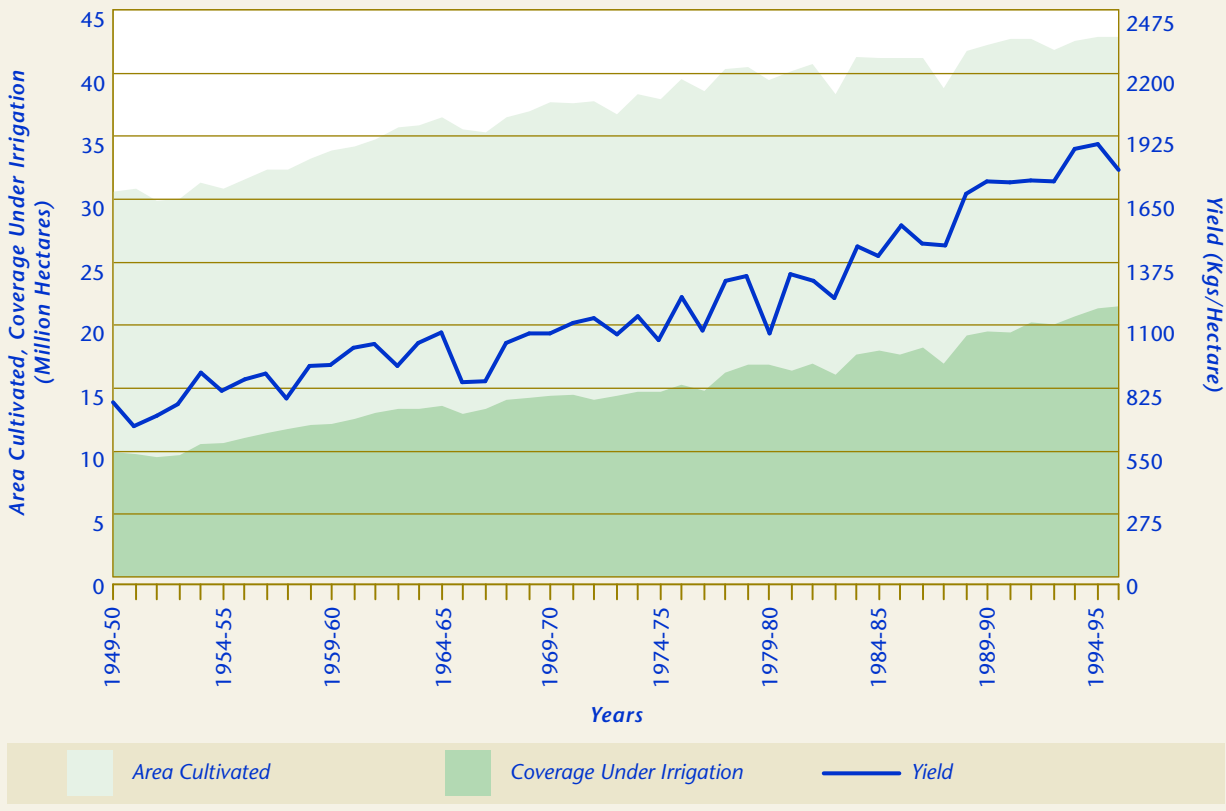


Chart for Table 5.7

Table 5.8 **Agriculture****All India Area, Production and Yield of Wheat**

Chart 5.5 on page 53

Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1949-50	9.76	6.39	655	31.50
1950-51	9.75	6.46	663	34.00
1951-52	9.47	6.18	653	35.80
1952-53	9.83	7.50	763	37.20
1953-54	10.68	8.02	750	36.20
1954-55	11.26	9.04	803	35.00
1955-56	12.37	8.76	708	32.70
1956-57	13.52	9.40	695	29.40
1957-58	11.73	7.99	682	33.30
1958-59	12.62	9.96	789	31.80
1959-60	13.38	10.32	772	31.80
1960-61	12.93	11.00	851	32.70
1961-62	13.57	12.07	890	31.90
1962-63	13.59	10.78	793	33.80
1963-64	13.50	9.85	730	34.90
1964-65	13.42	12.26	913	36.80
1965-66	12.57	10.40	827	43.10
1966-67	12.84	11.39	887	48.00
1967-68	14.99	16.54	1,103	43.40
1968-69	15.96	18.65	1,169	49.80
1969-70	16.63	20.09	1,209	51.10
1970-71	18.24	23.83	1,307	54.30
1971-72	19.14	26.41	1,380	54.50
1972-73	19.46	24.74	1,271	57.60
1973-74	18.58	21.78	1,172	57.70
1974-75	18.01	24.10	1,338	61.80
1975-76	20.45	28.84	1,410	61.80
1976-77	20.92	29.01	1,387	65.10
1977-78	21.46	31.75	1,480	64.60
1978-79	22.64	35.51	1,568	66.00
1979-80	22.17	31.83	1,436	68.30
1980-81	22.28	36.31	1,630	76.50
1981-82	22.14	37.45	1,691	70.70
1982-83	23.57	42.79	1,816	72.50
1983-84	24.67	45.48	1,843	73.00
1984-85	23.56	44.07	1,870	74.50
1985-86	23.00	47.05	2,046	74.60
1986-87	23.13	44.32	1,916	76.30
1987-88	23.06	46.17	2,002	76.80
1988-89	24.11	54.11	2,244	79.20
1989-90	23.50	49.85	2,121	80.30

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Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1990-91	24.17	55.14	2,281	81.10
1991-92	23.26	55.69	2,394	83.70
1992-93	24.59	57.21	2,327	84.20
1993-94	25.15	59.84	2,380	85.10
1994-95	25.70	65.77	2,559	85.20
1995-96	25.01	62.10	2,483	86.80
1996-97	25.89	69.35	2,679	
1997-98	26.70	66.35	2,485	
1998-99	27.40	70.78	2,583	

Chart 5.5

Area Under Cultivation/Irrigation and Yield of Wheat

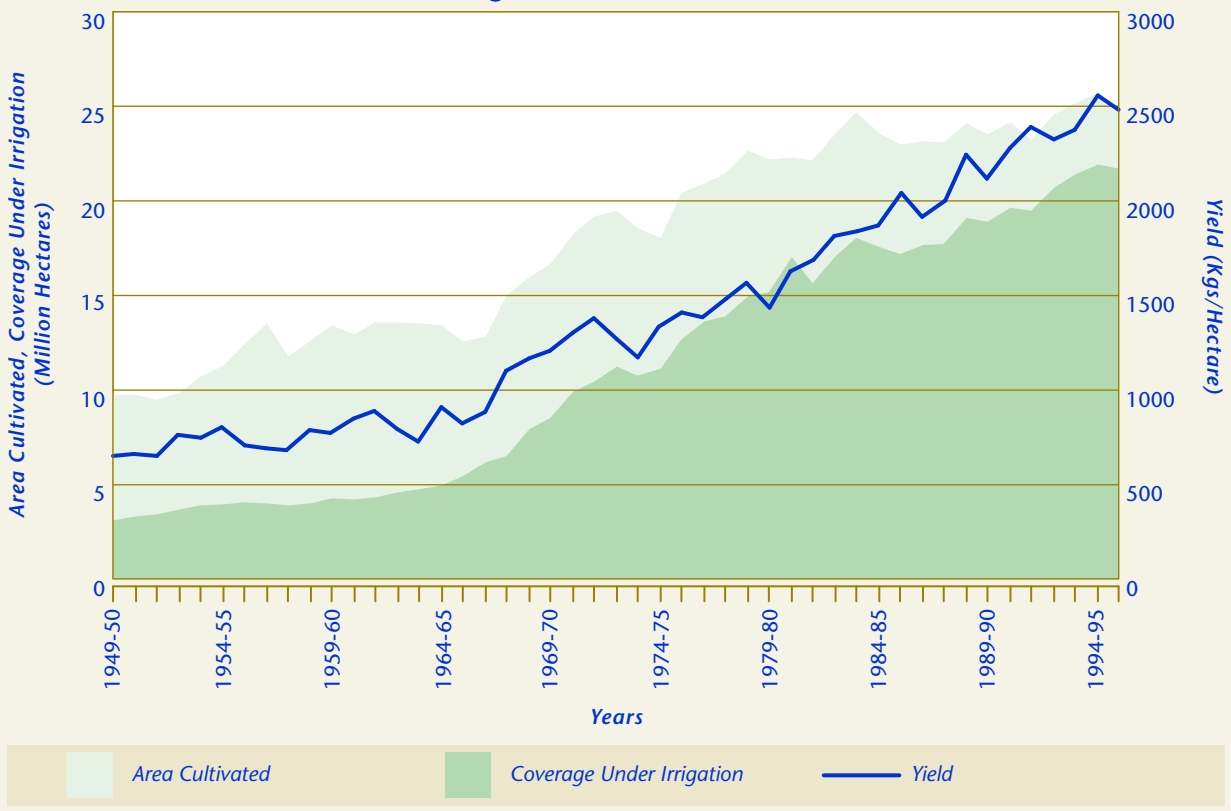


Chart for Table 5.8

Table 5.9 **Agriculture****All India Area, Production and Yield of Coarse Cereals**

Chart 5.6 on page 55

Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1949-50	38.83	16.83	433	8.50
1950-51	37.67	15.38	408	7.90
1951-52	38.88	16.09	414	8.70
1952-53	42.45	19.61	462	8.10
1953-54	45.37	22.97	506	7.80
1954-55	43.92	22.82	520	8.10
1955-56	43.45	19.49	449	8.00
1956-57	42.02	19.87	473	7.60
1957-58	42.91	21.23	495	8.00
1958-59	44.66	23.18	519	7.50
1959-60	43.79	22.87	522	7.50
1960-61	44.96	23.74	528	7.70
1961-62	44.73	23.22	519	7.10
1962-63	44.29	24.63	556	7.30
1963-64	43.93	23.72	540	7.30
1964-65	44.35	25.37	514	7.30
1965-66	44.34	21.42	483	8.10
1966-67	45.09	24.05	533	8.50
1967-68	47.34	28.80	608	8.00
1968-69	46.24	25.18	545	9.60
1969-70	47.24	27.29	578	9.40
1970-71	45.95	30.55	665	8.30
1971-72	43.57	24.60	564	8.40
1972-73	42.21	23.14	548	8.60
1973-74	46.24	28.83	623	8.30
1974-75	43.15	26.13	606	10.90
1975-76	43.80	30.41	694	9.90
1976-77	41.94	28.88	689	9.70
1977-78	42.28	30.02	710	8.90
1978-79	42.23	30.44	721	8.50
1979-80	41.36	26.97	652	9.40
1980-81	41.78	29.02	695	9.20
1981-82	42.45	31.09	733	9.00
1982-83	40.43	27.75	685	9.00
1983-84	41.71	33.90	813	7.80
1984-85	39.21	31.17	795	8.40
1985-86	39.47	26.20	664	8.40
1986-87	39.74	26.83	675	9.10
1987-88	36.55	26.36	721	9.80
1988-89	38.68	31.47	814	9.20
1989-90	37.69	34.76	922	9.80

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Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1990-91	36.32	32.70	900	9.00
1991-92	33.42	25.99	778	10.70
1992-93	34.42	36.59	1,063	10.10
1993-94	32.82	30.82	939	10.50
1994-95	32.17	29.88	929	10.40
1995-96	30.88	29.03	940	11.20
1996-97	31.81	34.10	1,072	
1997-98	30.83	30.40	986	
1998-99	29.54	31.46	1,065	

Chart 5.6

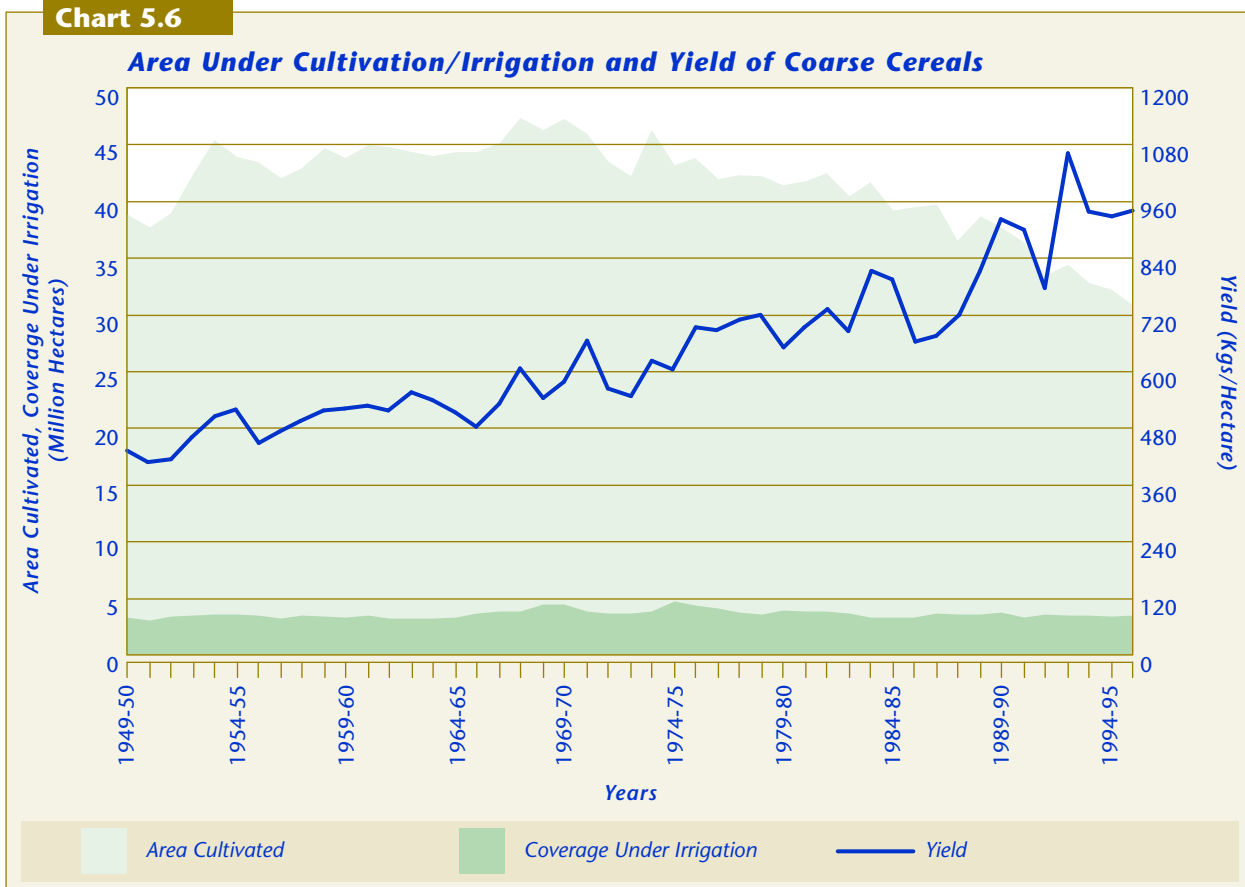


Chart for Table 5.9

Table 5.10 **Agriculture****All India Area, Production and Yield of Total Pulses**

Chart 5.7 on page 57

Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1949-50	20.17	8.16	405	7.80
1950-51	19.09	8.41	441	9.40
1951-52	18.78	8.42	448	9.70
1952-53	19.84	9.19	463	9.80
1953-54	21.73	10.62	489	9.20
1954-55	21.91	10.95	500	8.80
1955-56	23.22	11.04	476	8.40
1956-57	23.32	11.55	495	7.30
1957-58	22.54	9.56	424	9.10
1958-59	24.31	13.15	541	8.40
1959-60	24.83	11.80	475	8.50
1960-61	23.56	12.70	539	8.00
1961-62	24.24	11.76	485	8.10
1962-63	24.27	11.53	475	8.90
1963-64	24.18	10.07	416	8.90
1964-65	23.88	12.42	520	9.20
1965-66	22.72	9.94	438	9.40
1966-67	22.12	8.35	377	10.90
1967-68	22.65	12.10	534	8.70
1968-69	21.26	10.42	490	9.80
1969-70	22.02	11.69	531	9.40
1970-71	22.54	11.82	524	8.80
1971-72	22.15	11.09	501	8.80
1972-73	20.92	9.91	474	8.10
1973-74	23.43	10.01	427	7.90
1974-75	22.03	10.02	455	8.10
1975-76	24.45	13.04	533	7.90
1976-77	22.98	11.36	494	7.50
1977-78	23.50	11.97	510	7.10
1978-79	23.66	12.18	515	7.90
1979-80	22.26	8.57	385	8.80
1980-81	22.46	10.63	473	9.00
1981-82	23.84	11.51	483	8.50
1982-83	22.83	11.86	519	8.20
1983-84	23.54	12.89	548	7.50
1984-85	22.74	11.96	526	7.90
1985-86	24.42	13.36	547	8.50
1986-87	23.16	11.71	506	9.60
1987-88	21.27	10.96	515	9.40
1988-89	23.15	13.85	598	9.30
1989-90	23.41	12.86	549	10.00

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Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1990-91	24.66	14.26	578	10.50
1991-92	22.54	12.02	533	10.70
1992-93	22.36	12.82	573	10.50
1993-94	22.25	13.30	598	11.20
1994-95	23.03	14.04	610	12.70
1995-96	22.28	12.31	552	13.00
1996-97	22.45	17.24	635	
1997-98	22.87	12.98	567	
1998-99	23.82	14.81	622	

Chart 5.7

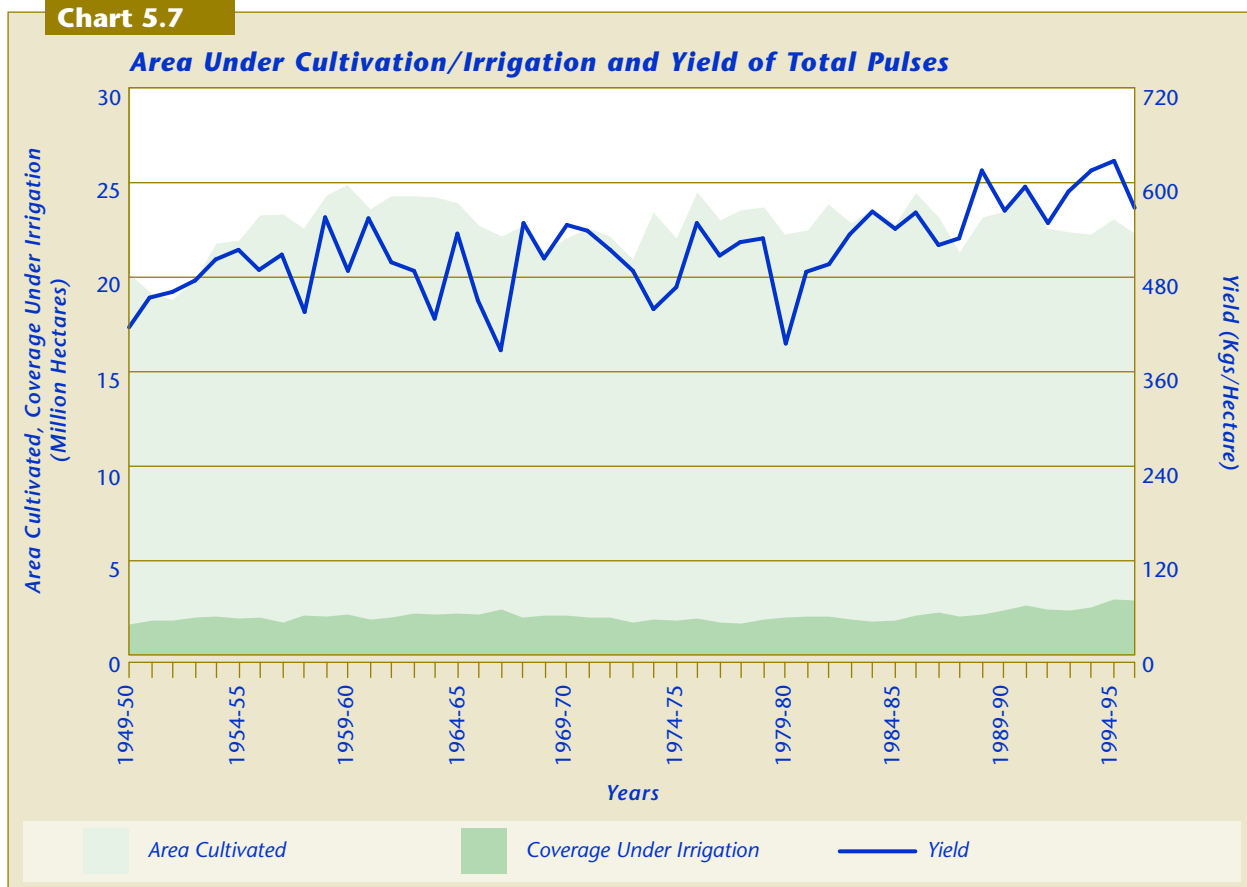


Chart for Table 5.10

Table 5.11 Agriculture**All India Area, Production and Yield of Nine Oilseeds**

Chart 5.8 on page 59

Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1949-50	10.07	5.23	519	
1950-51	10.73	5.16	481	
1951-52	11.69	5.03	430	
1952-53	11.18	4.73	424	0.80
1953-54	10.99	5.37	488	1.00
1954-55	12.52	6.40	511	1.10
1955-56	12.09	5.73	474	2.40
1956-57	12.49	6.36	509	2.70
1957-58	12.66	6.35	502	3.50
1958-59	13.00	7.30	561	3.20
1959-60	13.95	6.56	470	3.10
1960-61	13.77	6.98	507	3.30
1961-62	14.77	7.28	493	3.60
1962-63	15.34	7.39	482	3.30
1963-64	14.82	7.13	481	3.70
1964-65	15.26	8.56	561	3.40
1965-66	15.25	6.40	419	3.70
1966-67	15.00	6.43	428	5.10
1967-68	15.67	8.30	530	5.00
1968-69	14.47	6.85	473	4.80
1969-70	14.81	7.73	522	6.10
1970-71	16.64	9.63	579	7.40
1971-72	17.27	9.08	526	7.70
1972-73	15.79	7.14	452	7.20
1973-74	16.90	9.39	555	8.80
1974-75	17.31	9.15	529	9.20
1975-76	16.92	10.61	627	7.90
1976-77	16.47	8.43	512	7.60
1977-78	17.17	9.66	563	10.40
1978-79	17.71	10.10	570	11.00
1979-80	16.94	8.74	516	12.60
1980-81	17.60	9.37	532	14.50
1981-82	18.91	12.08	639	15.40
1982-83	17.76	10.00	563	15.60
1983-84	18.69	12.69	679	17.00
1984-85	18.92	12.95	684	19.60
1985-86	19.02	10.83	570	17.30
1986-87	18.63	11.27	605	17.90
1987-88	20.13	12.65	629	20.60
1988-89	21.90	18.03	824	22.30
1989-90	22.80	16.92	742	22.10

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Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1990-91	24.15	18.61	771	22.90
1991-92	25.89	18.60	719	25.50
1992-93	25.24	20.11	797	24.10
1993-94	26.90	21.50	799	23.00
1994-95	25.30	21.34	843	25.00
1995-96	25.96	22.11	851	26.10
1996-97	26.34	24.38	926	
1997-98	26.12	21.32	816	
1998-99	26.71	25.21	944	

Note i) Data for 1949-50 to 1969-70 as given under total nine oilseeds relate to total of five major oilseeds i.e. groundnut, castorseed, sesamum, rapeseed & mustard and linseed.

Chart 5.8

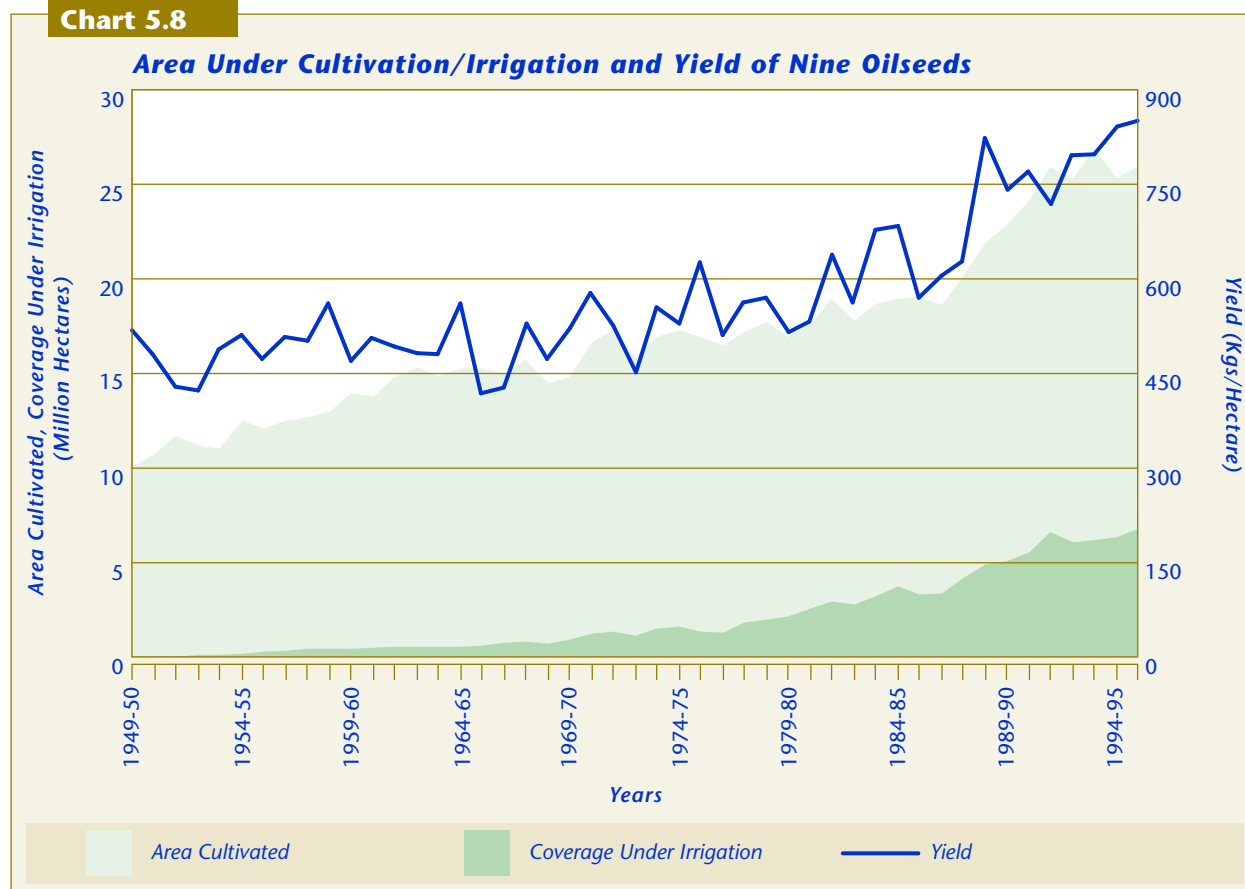


Chart for Table 5.11

Table 5.12 **Agriculture****All India Area, Production and Yield of Cotton**

Chart 5.9 on page 61

Year	Area (Million Hectares)	Production (Million Bales of 170Kg each)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1949-50	4.93	2.75	95	8.20
1950-51	5.88	3.04	88	8.20
1951-52	6.56	3.28	85	9.10
1952-53	6.36	3.34	89	8.50
1953-54	6.99	4.13	100	8.40
1954-55	7.55	4.45	100	9.80
1955-56	8.09	4.18	88	10.00
1956-57	8.02	4.92	104	11.00
1957-58	8.01	4.96	105	12.70
1958-59	7.96	4.88	104	12.50
1959-60	7.30	3.68	86	12.90
1960-61	7.61	5.60	125	12.70
1961-62	7.98	4.85	103	13.00
1962-63	7.73	5.54	122	14.10
1963-64	8.22	5.75	119	15.30
1964-65	8.37	6.01	122	15.50
1965-66	7.96	4.85	104	15.90
1966-67	7.84	5.27	114	16.10
1967-68	8.00	5.78	123	16.70
1968-69	7.60	5.45	122	16.50
1969-70	7.73	5.56	122	16.40
1970-71	7.61	4.76	106	17.30
1971-72	7.80	6.95	151	20.30
1972-73	7.68	5.74	127	21.00
1973-74	7.57	6.31	142	22.10
1974-75	7.56	7.16	161	22.90
1975-76	7.35	5.95	138	23.50
1976-77	6.89	5.84	144	24.60
1977-78	7.87	7.24	157	26.20
1978-79	8.12	7.96	167	27.20
1979-80	8.13	7.65	160	27.50
1980-81	7.82	7.01	152	27.30
1981-82	8.06	7.88	166	27.70
1982-83	7.87	7.53	163	29.00
1983-84	7.72	6.39	141	29.90
1984-85	7.38	8.51	196	28.50
1985-86	7.53	8.73	197	30.20
1986-87	6.95	6.91	169	31.10
1987-88	6.46	6.38	168	32.00
1988-89	7.34	8.74	202	33.00
1989-90	7.69	11.42	252	34.20

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Year	Area (Million Hectares)	Production (Million Bales of 170Kg each)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1990-91	7.44	9.84	225	32.90
1991-92	7.66	9.71	216	33.30
1992-93	7.54	11.40	257	34.60
1993-94	7.32	10.74	249	34.30
1994-95	7.87	11.89	257	34.20
1995-96	9.04	12.86	242	34.80
1996-97	9.12	14.23	265	
1997-98	8.87	10.85	208	
1998-99	9.21	12.18	223	

Chart 5.9

Area Under Cultivation/Irrigation and Yield of Cotton

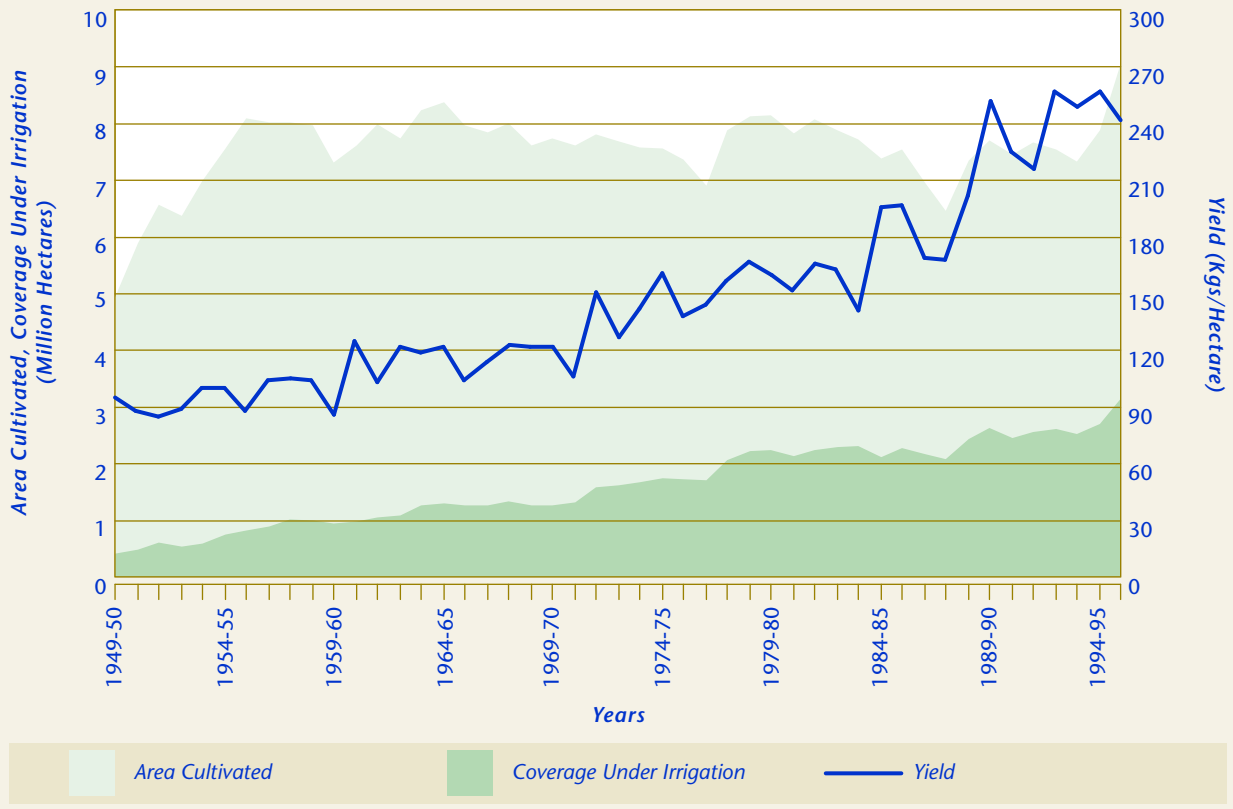


Chart for Table 5.12

Table 5.13 Agriculture**All India Area, Production and Yield of Jute and Mesta**

Chart 5.10 on page 63

Year	Area (Million Hectares)	Production (Million Bales of 180 Kg each)	Yield (Kgs/Hectares)
1949-50	0.47	3.11	1,190
1950-51	0.57	3.31	1,043
1951-52	0.79	4.72	1,074
1952-53	0.93	5.32	1,028
1953-54	0.68	3.77	992
1954-55	0.68	3.86	1,021
1955-56	0.94	5.39	1,038
1956-57	1.07	5.81	977
1957-58	1.02	5.33	944
1958-59	1.10	6.91	1,130
1959-60	0.98	5.69	1,049
1960-61	0.90	5.26	1,049
1961-62	1.34	8.24	1,104
1962-63	1.24	7.19	1,041
1963-64	1.27	7.98	1,130
1964-65	1.21	7.66	1,136
1965-66	1.11	5.78	936
1966-67	1.12	6.58	1,058
1967-68	1.20	7.59	1,137
1968-69	0.81	3.84	855
1969-70	1.09	6.79	1,120
1970-71	1.08	6.19	1,032
1971-72	1.11	6.84	1,107
1972-73	0.99	6.09	1,104
1973-74	1.16	7.68	1,188
1974-75	0.98	5.83	1,068
1975-76	0.91	5.91	1,164
1976-77	1.09	7.10	1,173
1977-78	1.16	7.15	1,108
1978-79	1.27	8.33	1,186
1979-80	1.22	7.96	1,177
1980-81	1.30	8.16	1,130
1981-82	1.15	8.37	1,311
1982-83	1.02	7.17	1,265
1983-84	1.05	7.72	1,320
1984-85	1.13	7.79	1,242
1985-86	1.50	12.65	1,524
1986-87	1.07	8.62	1,454
1987-88	0.96	6.78	1,274
1988-89	0.92	7.86	1,540
1989-90	0.91	8.29	1,646

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Year	Area (Million Hectares)	Production (Million Bales of 180 Kg each)	Yield (Kgs/Hectares)
1990-91	1.02	9.23	1,634
1991-92	1.11	10.29	1,662
1992-93	0.93	8.59	1,658
1993-94	0.89	8.43	1,713
1994-95	0.93	9.08	1,760
1995-96	0.93	8.81	1,712
1996-97	1.10	11.13	1,818
1997-98	1.11	11.12	1,795
1998-99	1.01	11.02	1,720

Note i) Figures from 1949-50 to 1951-52 relate to Jute crop only.

Chart 5.10

Area Under Cultivation and Yield of Jute and Mesta

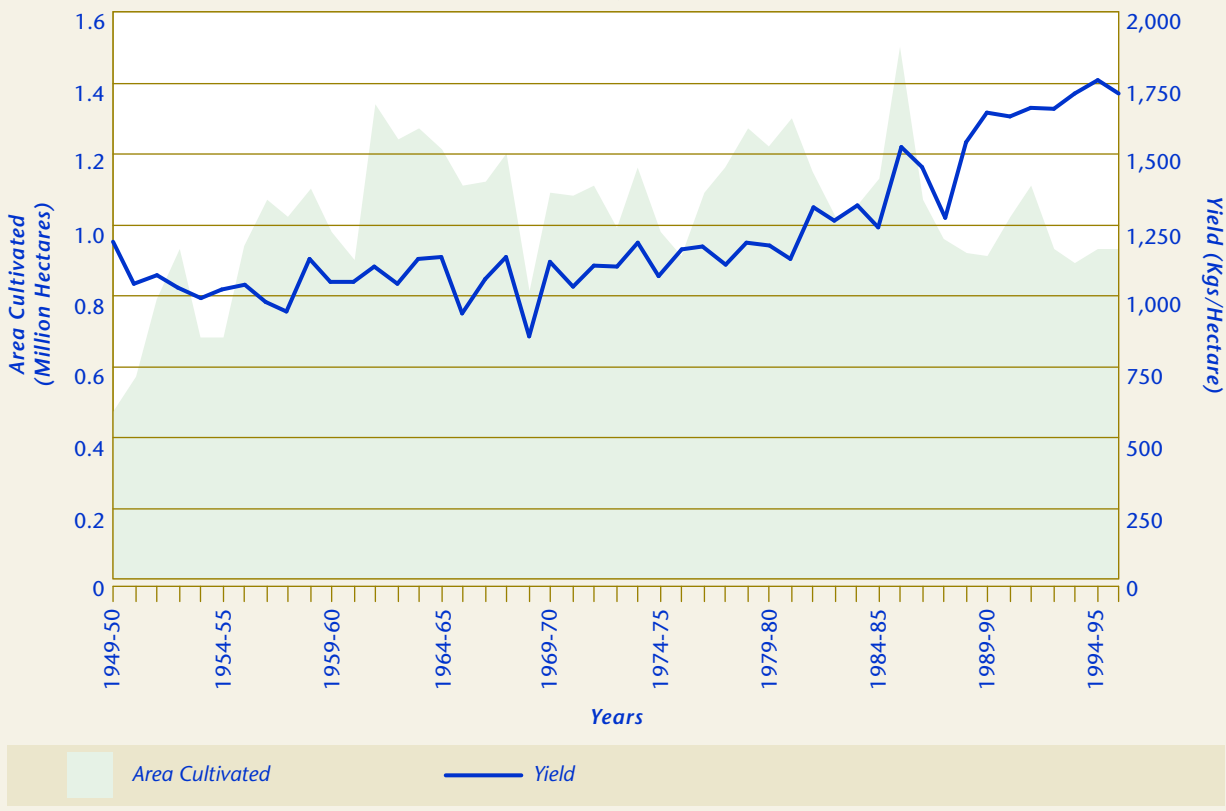


Chart for Table 5.13

Table 5.14 Agriculture**All India Area, Production and Yield of Sugarcane**

Chart 5.11 on page 65

Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1949-50	1.47	50.17	34,201	65.40
1950-51	1.71	57.05	33,422	67.30
1951-52	1.94	61.63	31,786	68.80
1952-53	1.73	51.00	29,495	66.30
1953-54	1.41	44.41	31,497	67.70
1954-55	1.62	58.74	36,303	68.80
1955-56	1.85	60.54	32,779	67.20
1956-57	2.05	69.05	33,683	64.90
1957-58	2.07	71.16	34,325	65.20
1958-59	1.95	73.36	37,658	67.40
1959-60	2.14	77.82	36,414	67.90
1960-61	2.42	110.00	45,549	69.30
1961-62	2.46	103.97	42,349	68.00
1962-63	2.24	91.91	40,996	67.80
1963-64	2.25	104.23	46,353	69.60
1964-65	2.60	121.91	46,838	71.50
1965-66	2.84	123.99	43,717	71.10
1966-67	2.30	92.83	40,336	71.00
1967-68	2.05	95.50	40,665	74.10
1968-69	2.53	124.68	49,236	76.90
1969-70	2.75	135.02	49,121	75.50
1970-71	2.62	126.37	48,322	72.40
1971-72	2.39	113.57	47,511	71.80
1972-73	2.45	124.87	50,933	75.00
1973-74	2.75	140.81	51,163	76.50
1974-75	2.89	144.29	49,855	77.90
1975-76	2.76	140.60	50,903	78.00
1976-77	2.87	153.01	53,383	77.20
1977-78	3.15	176.97	56,160	78.10
1978-79	3.09	151.66	49,114	77.80
1979-80	2.61	128.83	49,358	77.20
1980-81	2.67	154.25	57,844	81.20
1981-82	3.19	186.36	58,359	82.30
1982-83	3.36	189.51	56,441	80.50
1983-84	3.11	174.08	55,978	80.30
1984-85	2.95	170.32	57,673	83.60
1985-86	2.85	170.65	59,889	84.50
1986-87	3.08	186.09	60,444	85.40
1987-88	3.28	196.74	60,006	85.60
1988-89	3.33	203.04	60,992	86.20
1989-90	3.44	225.57	65,612	86.90

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Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1990-91	3.69	241.05	65,395	86.90
1991-92	3.84	254.00	66,069	88.00
1992-93	3.57	228.03	63,843	88.30
1993-94	3.42	229.66	67,120	89.00
1994-95	3.87	275.54	71,254	87.90
1995-96	4.15	281.10	67,787	88.50
1996-97	4.17	277.56	66,496	
1997-98	3.93	279.54	71,134	
1998-99	4.08	295.73	72,560	

Chart 5.11

Area Under Cultivation/Irrigation and Yield of Sugarcane

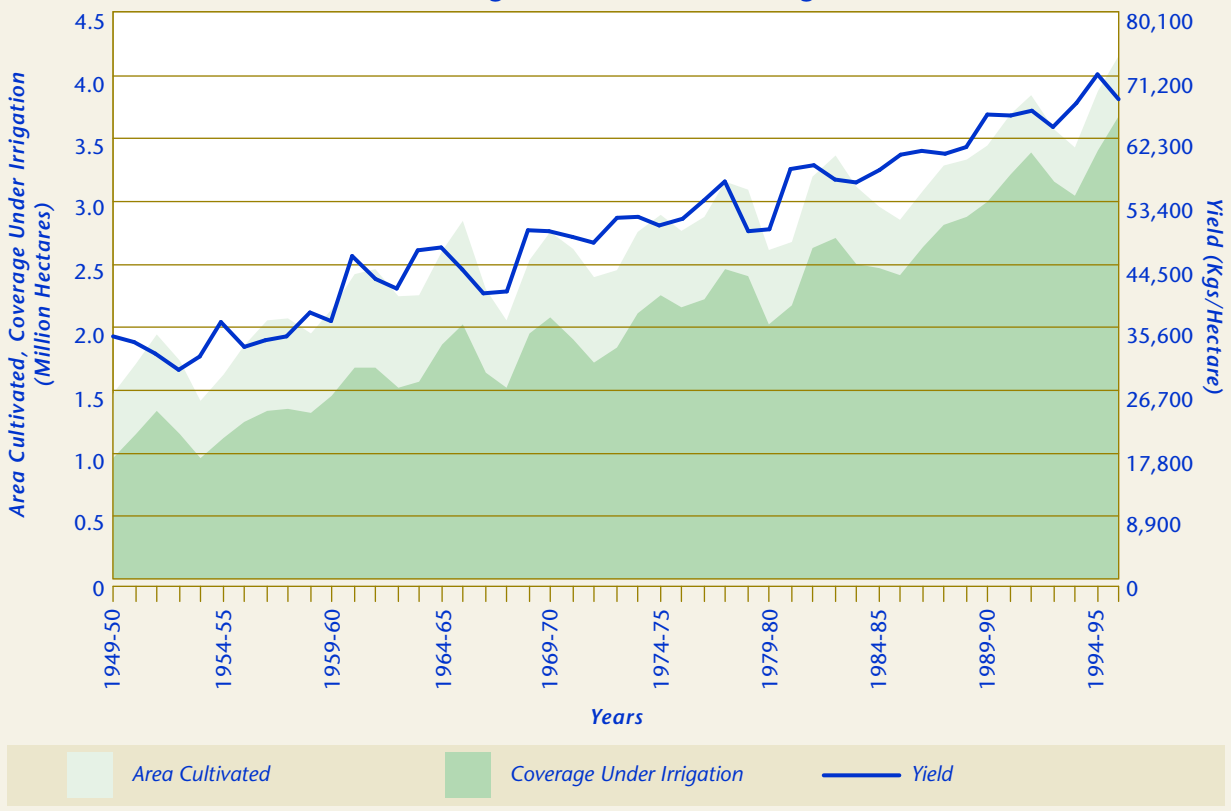


Chart for Table 5.14

Table 5.15 Agriculture**All India Area, Production and Yield of Potato**

Chart 5.12 on page 67

Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)
1949-50	0.23	1.54	6,594
1950-51	0.24	1.66	6,917
1951-52	0.25	1.71	6,848
1952-53	0.26	1.99	7,812
1953-54	0.26	1.96	7,611
1954-55	0.27	1.76	6,632
1955-56	0.28	1.86	6,639
1956-57	0.29	1.72	6,028
1957-58	0.32	2.00	6,243
1958-59	0.34	2.35	6,947
1959-60	0.36	2.73	7,550
1960-61	0.38	2.72	7,251
1961-62	0.37	2.45	6,704
1962-63	0.41	3.37	8,152
1963-64	0.42	2.59	6,249
1964-65	0.43	3.61	8,395
1965-66	0.48	4.08	8,513
1966-67	0.47	3.52	7,440
1967-68	0.50	4.23	8,441
1968-69	0.52	4.73	9,011
1969-70	0.50	3.91	7,888
1970-71	0.48	4.81	9,976
1971-72	0.49	4.83	9,810
1972-73	0.51	4.45	8,821
1973-74	0.54	4.86	8,946
1974-75	0.59	6.23	10,598
1975-76	0.62	7.31	11,738
1976-77	0.62	7.17	11,573
1977-78	0.67	8.14	12,228
1978-79	0.81	10.13	12,555
1979-80	0.69	8.33	12,152
1980-81	0.73	9.67	13,258
1981-82	0.76	9.91	12,996
1982-83	0.74	9.96	13,549
1983-84	0.79	12.15	15,299
1984-85	0.85	12.57	14,806
1985-86	0.84	10.42	12,364
1986-87	0.83	12.74	15,322
1987-88	0.89	14.05	15,869
1988-89	0.93	14.86	15,929
1989-90	0.94	14.77	15,714

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Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)
1990-91	0.94	15.21	16,254
1991-92	1.03	16.39	15,904
1992-93	1.05	15.23	14,458
1993-94	1.05	17.39	16,610
1994-95	1.07	17.40	16,272
1995-96	1.11	18.84	16,991
1996-97	1.25	24.22	19,391
1997-98	1.21	17.65	14,602
1998-99	1.28	22.49	17,571

Chart 5.12

Area Under Cultivation and Yield of Potato

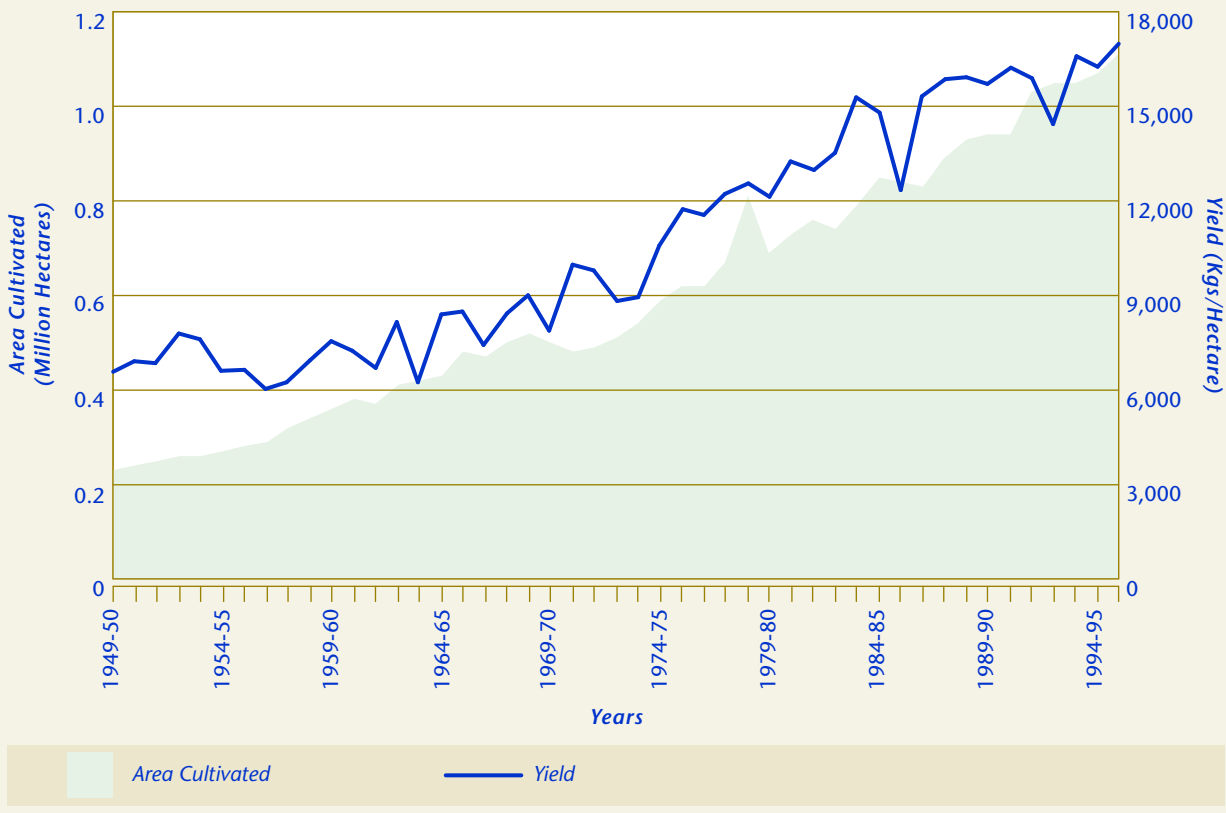


Chart for Table 5.15

Table 5.16 **Agriculture****All India Area, Production and Yield of Tobacco**

Chart 5.13 on page 69

Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1949-50	0.35	0.27	770	
1950-51	0.36	0.26	731	
1951-52	0.29	0.21	723	
1952-53	0.36	0.25	675	9.70
1953-54	0.37	0.27	737	9.70
1954-55	0.35	0.26	737	10.80
1955-56	0.41	0.30	739	16.90
1956-57	0.42	0.31	728	20.40
1957-58	0.36	0.24	669	22.50
1958-59	0.38	0.32	836	21.00
1959-60	0.41	0.29	716	22.40
1960-61	0.40	0.31	766	21.90
1961-62	0.42	0.34	811	17.90
1962-63	0.41	0.34	842	18.20
1963-64	0.44	0.36	817	15.40
1964-65	0.41	0.36	876	17.00
1965-66	0.38	0.29	778	16.90
1966-67	0.42	0.35	834	17.10
1967-68	0.42	0.37	871	17.40
1968-69	0.44	0.36	821	20.40
1969-70	0.44	0.34	770	19.50
1970-71	0.45	0.36	810	23.70
1971-72	0.46	0.42	914	24.50
1972-73	0.45	0.37	837	26.30
1973-74	0.46	0.46	1,001	24.20
1974-75	0.38	0.36	954	21.00
1975-76	0.37	0.35	950	29.80
1976-77	0.43	0.42	969	30.20
1977-78	0.50	0.49	979	23.30
1978-79	0.41	0.45	1,109	31.50
1979-80	0.43	0.44	1,031	32.60
1980-81	0.45	0.48	1,065	33.70
1981-82	0.44	0.52	1,172	33.90
1982-83	0.50	0.58	1,157	29.60
1983-84	0.44	0.49	1,120	34.00
1984-85	0.44	0.49	1,113	37.70
1985-86	0.40	0.44	1,111	39.90
1986-87	0.39	0.46	1,187	40.70
1987-88	0.32	0.37	1,155	45.90
1988-89	0.38	0.49	1,307	42.40
1989-90	0.41	0.55	1,335	43.20

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Year	Area (Million Hectares)	Production (Million Tonnes)	Yield (Kgs/Hectares)	% Coverage Under Irrigation
1990-91	0.41	0.56	1,353	43.20
1991-92	0.43	0.58	1,369	39.00
1992-93	0.42	0.60	1,425	40.40
1993-94	0.38	0.56	1,463	43.00
1994-95	0.38	0.57	1,486	45.30
1995-96	0.39	0.54	1,356	48.10
1996-97	0.43	0.62	1,444	
1997-98	0.46	0.64	1,372	
1998-99			1,515	

Chart 5.13

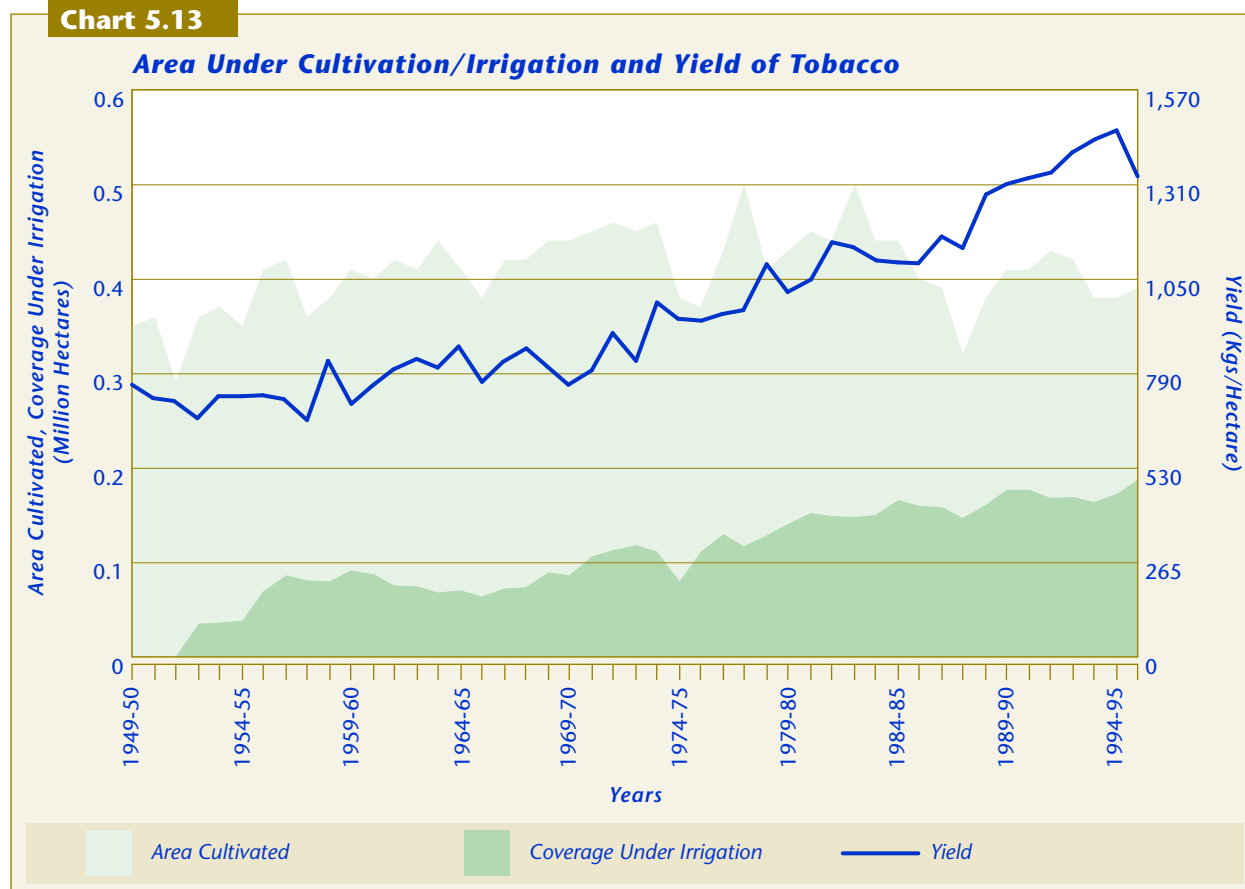


Chart for Table 5.16

Table 5.17 **Agriculture****All India Area, Production and Yield of Coconut**

Chart 5.14 on page 71

Year	Area (Million Hectares)	Production (00 Million Nuts)	Yield (No. of Nuts/Hectares)
1949-50	0.60		5,785
1952-53	0.65	44.98	6,909
1953-54	0.66	46.49	7,012
1954-55	0.64	44.09	6,878
1955-56	0.65	42.26	6,532
1956-57	0.66	43.83	6,671
1957-58	0.67	44.55	6,689
1958-59	0.69	45.89	6,651
1959-60	0.72	47.34	6,621
1960-61	0.72	46.39	6,470
1961-62	0.72	44.78	6,194
1962-63	0.80	50.17	6,288
1963-64	0.80	47.25	5,920
1964-65	0.85	50.43	5,950
1965-66	0.88	50.35	5,698
1966-67	0.89	51.92	5,814
1967-68	0.92	53.21	5,760
1968-69	0.99	55.46	5,613
1969-70	1.03	58.59	5,670
1970-71	1.05	60.75	5,811
1971-72	1.09	61.24	5,626
1972-73	1.10	59.97	5,456
1973-74	1.10	58.51	5,309
1974-75	1.12	60.3	5,401
1975-76	1.07	58.29	5,449
1976-77	1.08	57.65	5,366
1977-78	1.06	54.13	5,123
1978-79	1.06	57.30	5,431
1979-80	1.08	56.36	5,239
1980-81	1.08	57.20	5,280
1981-82	1.09	55.73	5,109
1982-83	1.15	63.56	5,531
1983-84	1.17	58.08	4,983
1984-85	1.18	69.13	5,842
1985-86	1.23	67.70	5,524
1986-87	1.23	63.77	5,179
1987-88	1.35	72.70	5,401
1988-89	1.43	85.41	5,992
1989-90	1.47	93.59	6,357
1990-91	1.48	97.30	6,595
1991-92	1.53	100.8	6,593

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Year	Area (Million Hectares)	Production (00 Million Nuts)	Yield (No. of Nuts/Hectares)
1992-93	1.54	112.41	7,310
1993-94	1.64	119.75	7,324
1994-95	1.71	133	7,760
1995-96	1.83	129.52	7,066
1996-97	1.89	130.61	6,908
1997-98	1.90	130.88	6,898

Chart 5.14

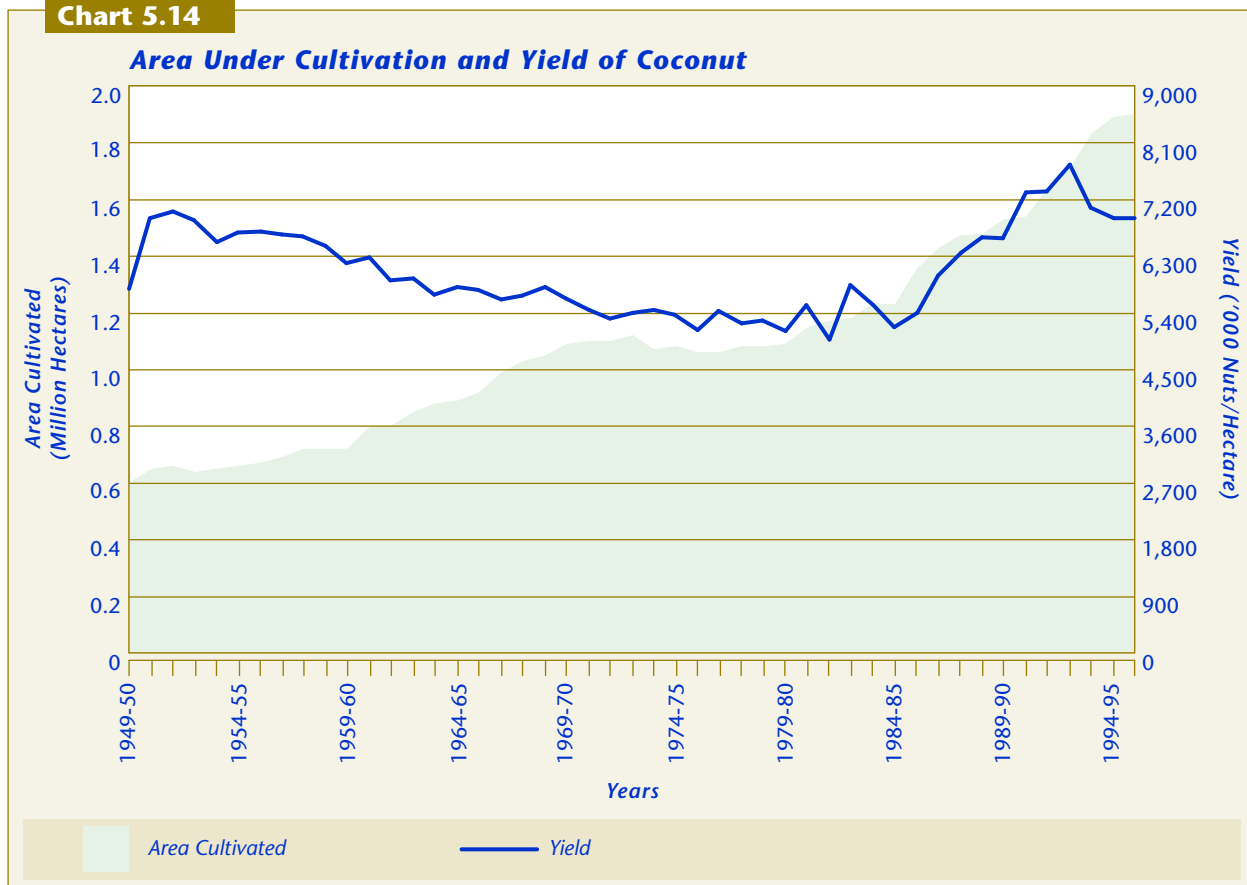


Chart for Table 5.17

Table 5.18 **Agriculture****Per Capita Net Availability of Foodgrains in India**

Chart 5.15 on page 73

(Kgs per Year)

Year	Rice	Wheat	Other Cereals	Cereals	Gram	Pulses	Foodgrains
1951	58.0	24.0	40.0	122.0	8.2	22.1	144.1
1952	58.0	21.1	40.0	119.1	7.3	21.6	140.7
1953	60.6	22.8	44.3	127.7	8.8	22.9	150.6
1954	70.9	21.2	49.6	141.7	10.0	25.4	167.1
1955	65.6	21.3	49.2	136.1	11.3	25.9	162.0
1956	68.7	22.5	40.7	131.9	10.6	25.7	157.6
1957	70.4	26.1	40.5	137.0	12.0	26.2	163.2
1958	60.2	24.3	43.4	127.9	9.2	21.3	149.2
1959	69.7	28.6	45.3	143.6	13.0	27.3	170.9
1960	68.8	28.6	43.2	140.6	10.1	24.0	164.6
1961	73.4			145.9	11.0	25.2	171.1
1962	74.2	30.7	40.7	145.6	10.0	22.6	168.2
1963	68.2	28.9	43.1	140.2	9.0	21.8	162.0
1964	73.7	33.0	40.1	146.8	7.4	18.6	165.4
1965	76.7	34.2	41.9	152.8	9.3	22.5	175.3
1966	59.1	34.8	37.5	131.4	6.7	17.6	149.0
1967	56.2	33.0	42.8	132.0	5.6	14.5	146.5
1968	67.2	35.1	45.6	147.9	9.0	20.5	168.4
1969	69.5	36.7	39.0	145.2	6.4	17.3	162.5
1970	69.4	37.4	40.4	147.2	8.0	18.9	166.1
1971	70.3	37.8	44.3	152.4	7.3	18.7	171.1
1972	72.4	46.1	34.9	153.4	7.0	17.2	170.6
1973	62.8	43.1	33.0	138.9	6.1	15.0	153.9
1974	69.5	39.7	40.6	149.8	5.4	14.9	164.7
1975	58.0	40.9	34.6	133.5	5.2	14.5	148.0
1976	68.5	29.1	39.2	136.8	7.4	18.5	155.3
1977	61.6	41.8	37.6	141.0	6.7	15.8	156.8
1978	71.6	46.1	36.5	154.2	6.5	16.6	170.8
1979	73.1	48.3	36.2	157.6	6.8	16.3	173.9
1980	60.8	46.4	31.7	138.9	3.9	11.3	150.2
1981	72.2	47.3	32.8	152.3	4.9	13.7	166.0
1982	70.5	46.7	34.6	151.8	5.1	14.3	166.1
1983	62.0	52.7	30.4	145.1	5.7	14.4	159.5
1984	72.2	51.4	36.1	159.7	5.0	15.3	175.0
1985	68.9	50.6	32.1	151.6	4.7	13.9	165.5
1986	77.4	55.1	25.8	158.3	5.9	16.0	174.3
1987	75.2	57.6	25.9	158.7	4.5	13.3	172.0
1988	68.7	56.3	25.1	150.1	3.5	13.3	163.4
1989	78.5	57.0	29.3	164.8	4.9	15.3	180.1
1990	77.4	48.4	31.7	157.5	3.9	15.0	172.5
1991	80.9	60.0	29.2	171.0	4.9	15.2	186.2
1992	79.2	57.9	21.5	158.6	3.7	12.5	171.1

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Year	Rice	Wheat	Other Cereals	Cereals	Gram	Pulses	Foodgrains
1993	73.4	51.2	31.6	156.2	3.9	13.2	169.4
1994	75.7	58.2	24.5	158.4	4.3	13.6	172.0
1995	84.7	62.8	23.9	171.4	5.5	13.9	185.3
1996	77.4	65.	22.9	165.3	4.2	12.0	177.3
1997(P)	80.7	65.0	27.2	172.9	4.7	14.0	186.9
1998(P)	79.6	61.4	24.2	164.6	5.0	12.1	176.7

Notes i) Figures in respect of per capita availability given above are not strictly representative of the actual level of consumption in the country, especially as they do not take into account any change in stocks in possession of traders, producers and consumers.
 ii) (P): Provisional.

Chart 5.15

Per Capita Net Availability of Foodgrains

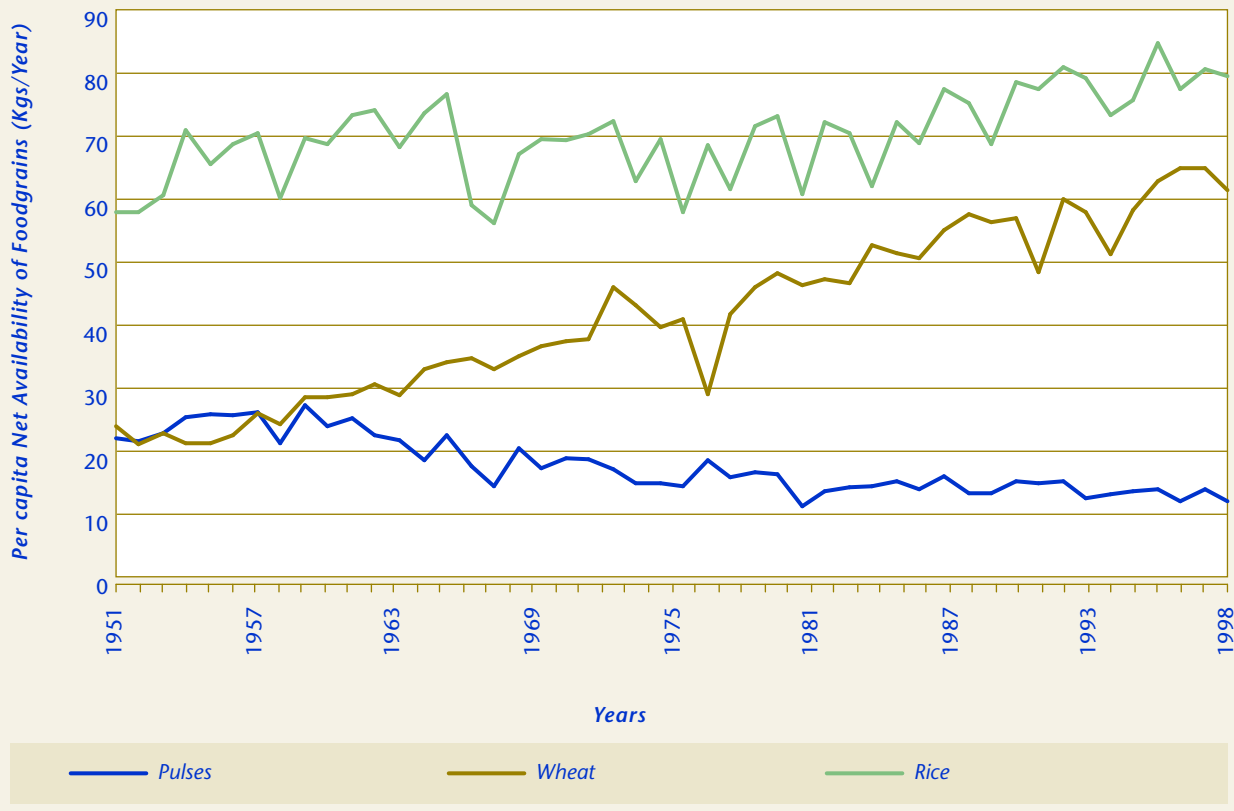


Chart for Table 5.18

Table 5.19 **Agriculture****Progress in Use of Agricultural Inputs**

Programme	Unit	1950-51	1960-61	1970-71	1980-81
1 Seeds					
a) Production of breeder seeds	Thousand quintals	—	—	—	5.27
b) Production of foundation seed	Lakh quintals	—	—	—	—
c) Distribution of certified/quality seeds	Lakh quintals	—	—	—	25.01
2 Consumption of Chemical Fertilisers					
a) Nitrogenous (N)	Lakh tonnes	0.55	2.10	14.87	36.78
b) Phosphatic (P)	Lakh tonnes	0.08	0.53	4.62	12.14
c) Potassic (K)	Lakh tonnes	0.06	0.29	2.28	6.24
Total (N+P+K)	Lakh tonnes	0.69	2.92	21.77	55.16
Per Hectare	Kg.	NEG	1.90	13.13	31.83
3 Consumption of Pesticides (Technical grade material)	Thousand tonnes	2.35	8.62	24.32	45.00
4 Area Under High Yielding Varieties:					
a) Paddy	Million hectares	—	#0.89	5.59	18.23
b) Wheat	Million hectares	—	#0.54	6.48	16.1
c) Jowar	Million hectares	—	#0.16	0.80	3.50
d) Bajra	Million hectares	—	#0.06	2.05	3.64
e) Maize	Million hectares	—	#0.21	0.46	1.60
f) Ragi	Million hectares	—	—	—	—
Total	Million hectares	—	#1.89	15.38	43.08
5 Area Covered Under Soil Conversation (Cumulative)					
		—	1.58	13.37	24.37
6 Irrigated Area					
a) Major & medium		—	—	38.00	54.10
b) Minor@		—	—	20.70	31.40

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Note i) For 1991-92 the figures are cumulative targets for HYV and irrigated area and anticipated for fertiliser consumption.

ii) #: Relates to 1966-67.

iii) NA not available.

iv) E: Estimated.

v) @: The figures for minor irrigation indicate the net benefit after allowing for seepage.

Source i) Department of Fertilisers.

ii) Department of Agriculture & Cooperation.

	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
	32.13	30.53	33.89	34.90	36.00	37.00	40.11	43.36	44.62
	4.64	3.54	3.35	3.75	3.93	4.06	4.73	4.76	5.67
	56.80	57.04	57.10	57.5	60.33	62.2	65.86	69.90	70.00
	72.51	73.86	79.97	80.46	84.26	87.88	95.07	98.23	103.02
	27.21	30.14	32.21	33.21	28.43	26.69	29.32	28.98	29.77
	10.68	11.68	13.28	13.61	8.84	9.09	11.25	11.56	10.29
	110.40	115.68	125.46	127.28	121.53	123.66	135.64	138.77	143.08
	61.30	63.49	67.49	69.84	(E)65.53	(E)66.69	(E)73.12	(E)74.43	(E)76.75
	75.89	72.00	75.00	72.13	70.79	63.65	61.36	61.26	56.11
	25.41	26.16	27.39	27.95	27.48	28.71	30.84	31.08	N.A
	20.18	20.29	20.97	20.54	21.70	22.12	23.14	23.39	N.A
	6.11	6.87	7.06	6.78	6.92	6.76	7.28	7.49	N.A
	5.87	5.59	5.70	5.44	5.62	5.20	5.18	5.44	N.A
	2.54	2.26	2.61	2.78	2.58	3.02	3.39	3.53	N.A
	—	—	1.25	1.22	1.10	1.18	1.10	1.18	N.A
	60.11	61.17	64.98	64.71	65.4	66.99	70.93	72.11	N.A
	32.89	34.00	34.90	35.70	36.51	37.30	38.20	39.18	40.23
	68.50	68.60	70.80	72.80	74.50	76.30	#77.90	#79.90	N.A.
	27.20	25.50	26.00	26.30	26.60	27.20	27.70	28.40	N.A.
	41.30	43.10	44.80	46.50	47.90	49.10	50.20	51.50	N.A.

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Chapter 6 *Irrigation and Flood Control*

Table Title	Page No.
6.1 Magnitude and Composition of Investment Through Plan Periods	77
6.2 Development of Irrigation Potential (Cumulative) Through Plan Periods	78

The tables in this chapter cover the magnitude and composition of public investment in irrigation over successive plans and the resulting development of irrigation potential in the country.

Magnitude & Composition of Investment Through Plan Periods

(Rs. Crores at current price level)

Plans	Major & Medium Irrigation	Minor Irrigation			CAD	Flood Control	Total at Current Prices
		Public Sector	Institutional Finance	Total			
First (1951-56)	376.24 *7,803.42	65.62 *1,360.99	Neg.	65.62 *1,360.99	—	13.21 *273.98	455.07 *9,438.39
Second (1956-61)	380.00 *6,013.98	142.23 *2,250.97	19.35 *306.24	161.58 *2,557.21	—	48.06 *760.61	589.64 *9,331.80
Third (1961-66)	576.00 *674.84	327.73 *3,797.82	115.37 *1,336.94	443.10 *5,134.76	—	82.09 *551.28	1,101.19 *12,760.88
Annual (1966-69)	429.81 *3,943.90	326.19 *2,993.10	234.74 *2,153.96	560.93 *5,147.06	—	41.96 *585.02	1,032.70 *9,475.98
Fourth (1969-74)	1242.30 *7,976.41	512.28 *3,289.18	661.06 *4,243.45	1,173.34 *7,532.63	—	162.04 *1,040.40	2,577.48 *16,549.18
Fifth (1974-78)	2,516.18 *12,519.42	630.83 *3,138.74	778.76 *3,874.67	1,409.58 *7,013.41	—	298.61 *1,485.75	224.36 *21,018.59
Annual (1978-80)	2,078.58 *7,949.67	501.50 *1,918.02	480.40 *1,837.32	981.90 *3,755.34	362.96 *1,388.16	329.96 *1,261.95	3,753.40 *14,355.15
Sixth (1980-85)	7,368.83 *1,9625.50	1,979.26 *5,271.39	1,437.56 *3,826.67	3,416.82 *5,100.06	743.05 *1,978.97	786.85 *2,095.63	12,315.55 *32,800.16
Seventh (1985-90)	11,107.29 *21,207.15	3,118.35 *5,953.87	3,060.95 *5,844.27	6,179.30 *11,798.14	1,447.50 *2,762.85	941.58 *1,797.76	19,675.67 *37,566.77
Annual ((1990-92)	5,459.15 *8,125.6	1,680.48 *2,501.29	1,349.59 *2,008.78	3,030.07 *4,510.07	619.45 *922.01	460.64 *685.63	9,569.31 *14,243.32
Eighth (1992-97)	21,071.87 *31,057.63	6,408.36 *9,445.22	5,331.00 *7,857.31	11,739.36 *17,302.52	2,145.92 *3,162.85	1,691.68 *2,493.35	36,648.83 *54,016.36
Annual (1997-98)	7,563.63	1,503.62	—	—	433.26	403.53	9,904.04
Annual (1998-99)	9,326.53	1,802.86	—	—	480.36	653.13	12,262.88
Annual (1999-2000)	12,283.21	2,173.60	—	—	493.39	744.15	15,694.35
Total	52,606.25 *132,389.93	15,692.83 *39,492.89	13,468.77 *33,895.77	29,161.60 *73,388.66	5,418.88 *13,385.66	4,856.67 *12,222.39	91,943.40 *2,31,386.59

Note i) *: Figures indicate the expenditure at 1996-97 prices.

Source i) Reports of the Working Groups of Ninth Five Year Plan upto 3/80.

Table 6.2 Irrigation and Flood Control**Development of Irrigation Potential (Cumulative) Through Plan Periods**

Chart 6.1/6.2 on page 79

(Million Hectares)

Plan	Major / Medium Irrigation		Minor Irrigation		Total Irrigation		Gross Irrigated Area as per Land Utilisation Statistics
	Potential	Utilisation	Potential	Utilisation	Potential	Utilisation	
Pre-Plan	9.70	9.70	12.90	12.90	22.60	22.60	22.56
First (1951-56)	12.20	10.98	14.06	14.06	26.26	25.04	25.64
Second (1956-61)-GW	14.33	13.05	14.75 **8.28	14.75 *8.28	29.08	27.80	27.98
Third (1961-66)	16.57	15.17	17.00	17.00	33.57	32.17	30.90
Annual (1966-97)	18.10	16.75	19.00 *12.50	19.00 *12.50	37.10	35.75	35.48
Fourth (1969-74)	20.70	18.69	23.50 *16.44	23.50 *16.44	44.20	42.19	40.28
Fifth (1974-78)	24.72	21.16	27.30 *19.80	27.30 *19.80	52.02	48.46	46.08
Annual (1978-80)	26.61	22.64	30.00 *22.00	30.00 *22.00	56.61	52.64	49.21
Sixth (1980-85)	27.70	23.57	37.52 *27.82	35.25 *26.24	65.22	58.82	54.53
Seventh (1985-90)	29.92	25.47	46.61 *35.62	43.12 *33.15	76.53	68.59	61.85
Annual ((1990-92)	30.74	26.32	50.35 *38.89	46.54 *36.25	81.09	72.86	65.68
Eighth(Anticipated) (1992-97)	32.96	28.44	56.60	52.31	89.56	80.75	70.64
Annual (1997-98)	0.68	0.55	1.02	0.41	1.70	0.97	—
Annual (1998-99)	0.88	1.16	1.17	0.72	2.05	1.88	—
Annual (1999-2000)	1.03	—	1.05	0.62	2.09	—	—

Note i) *: component of Ground Water.

ii) Upto the Annual Plan 1978-80, the potential creation and its utilisation for minor irrigation are shown as same. In this context, it is to be mentioned that as per procedure upto Fifth Plan, the utilisation of potential was reckoned as 100% of potential created. However, the PAC in its 141st Report (1982-83) did not accept the above practice. Subsequently, the Working group on minor irrigation for the formulation of Seventh Plan recommended that during the Sixth Plan the utilisation figure might be reported as per existing practice but the base line for potential created and utilised. Accordingly, after consultation with the States the Planning Commission fixed the base figure for 1984-85 for potential created and utilised as 37.52 m ha. and 35.25 m. ha. respectively.

Source i) Ministry of Water Resources and Reports of Working Group and Ninth Five Year Plan proposals of various states.

Chart 6.1

Development of Irrigation Potential—Major/Medium

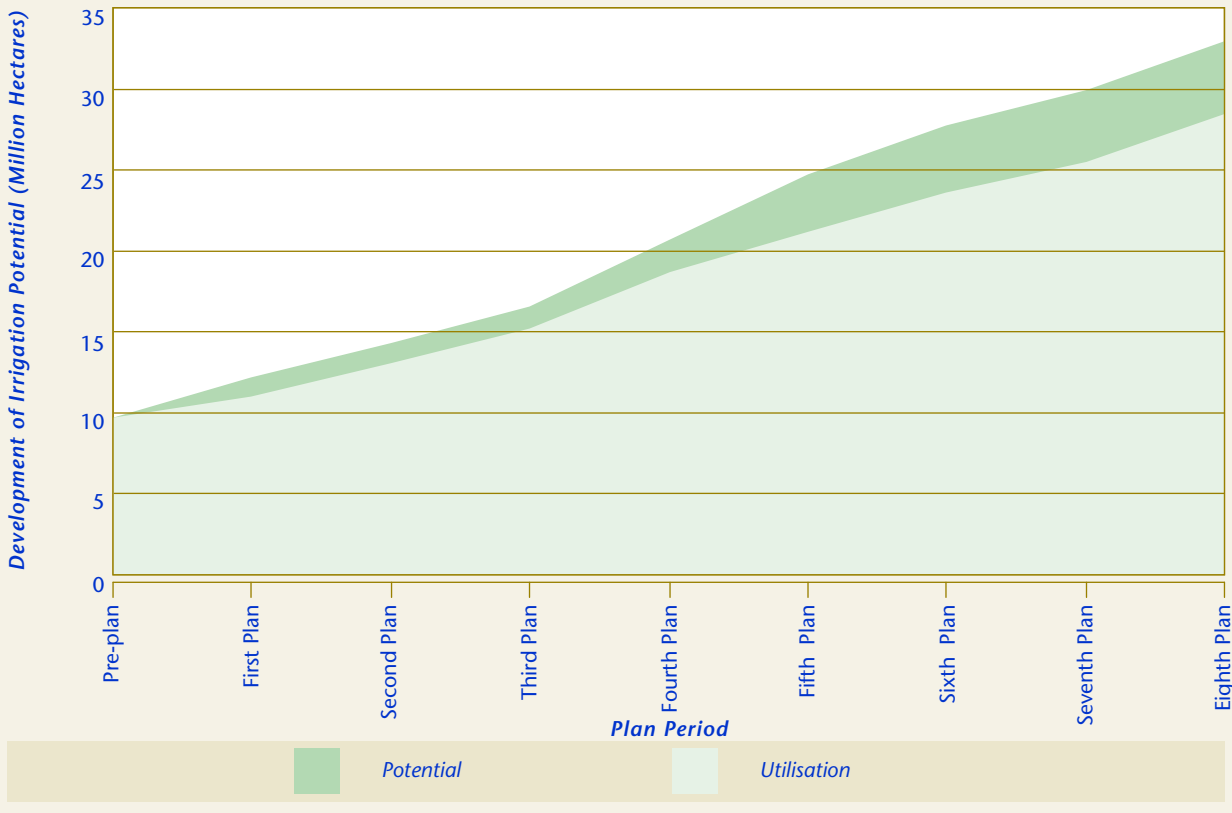


Chart for Table 6.2

Chart 6.2

Development of Irrigation Potential—Minor

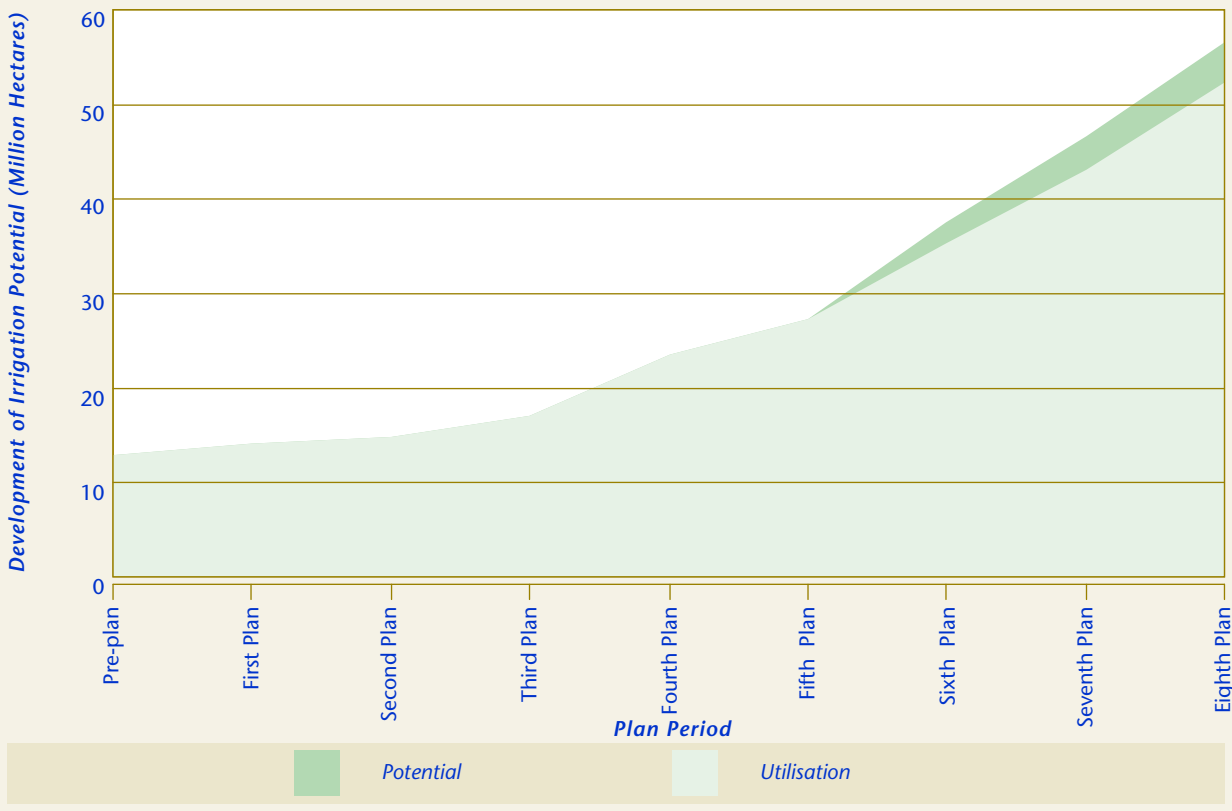


Chart for Table 6.2

Table Title	Page No.
7.1 Index of Industrial Production	81
7.2 Village and Small Industries Sector: Outlays and Expenditure—Central Sector	82
7.3 Central Sector Five year Plan Outlay/Expenditure under the Industry and Minerals	83
7.4 Village and Small Industries—Plan Outlays of States/Union Territories	84
7.5 Five Year Plan Outlays Under the Industry and Minerals in the State Sector	85
7.6 Production of Selected Industries	86
7.7 Mineral Production Quantity	90
7.8 Village and Small Industries: Production Employment and Exports	92

The compilation of tables in this chapter indicates the performance of industrial sector including minerals and village as well as that of small-scale industries over the plan period. The table on Index of Industrial Production is following by Public Sector Outlay and expenditure in the various segments of the industrial sector. The plan outlay for village and small-scale industry, since the Sixth Five Year Plan, is also available for the States and UTs. The tables on production of selected industries gives an indication about the changing structure in terms of product composition as also the magnitude of production over the last five decades. The production, employment and export performance of various segments in the Village and Small Scale Sector has been separately compiled.

Industry and Minerals Table 7.1
Index of Industrial Production

Base year values at 100

Year	1951	1960	1970	1980	1993
1951	100.0				
1952	103.6				
1953	105.6				
1954	112.9				
1955	122.4				
1956	132.6				
1957	137.3				
1958	139.7				
1959	152.1				
1960	169.7	100.0			
1960-61		102.9			
1961-62		111.3			
1962-63		121.9			
1963-64		133.2			
1964-65		144.9			
1965-66		152.6			
1966-67		153.6			
1967-68		155.4			
1968-69		166.1			
1969-70		178.3			
1970-71		183.8	100.0		
1971-72			106.4		
1972-73			110.6		
1973-74			111.5		
1974-75			115.1		
1975-76			122.8		
1976-77			134.4		
1977-78			139.6		
1978-79			150.1		
1979-80			148.1		
1980-81			154.0	100.0	
1981-82				109.3	
1982-83				112.8	
1983-84				120.4	
1984-85				130.7	
1985-86				142.1	
1986-87				155.1	
1987-88				166.4	
1988-89				180.9	
1989-90				196.4	
1990-91				212.6	
1991-92				213.9	
1992-93				218.9	

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Table 7.2 Industry and Minerals

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Base year values at 100

Year	1951	1960	1970	1980	1993
1993-94				232.0	100.0
1994-95					108.4
1995-96					122.3
1996-97					129.0
1997-98					137.5
1998-99					142.8

Source i) Monthly statistics of production of selected industries of India & Press Note of CSO.

ii) Economic Survey 1996-97, Government of India.

Sectoral Profile

Table 7.2 Industry and Minerals**Village and Small Industries Sector: Outlays and Expenditure—Central Sector**

	Sixth Plan 1980-85		Seventh Plan 1985-90		Eighth Plan 1992-97		Ninth Plan 1997-02
	Outlay	Expenditure	Outlay	Expenditure	Outlay	Anticipated Expenditure	Outlay
Small Scale Industries	220.00	282.92	427.00	610.37	697.50	890.20	2,195.00
Khadi & Village Ind.	480.00	520.53	540.00	626.21	900.00	1,281.00	1,193.00
Powerlooms	1.00	0.83	2.00	1.17	18.00	12.49	44.00
Handlooms	120.00	107.40	168.00	131.88	621.00	356.00	452.50
Sericulture	31.00	38.67	70.00	88.17	270.00	346.85	302.00
Handicrafts	56.40	44.92	66.00	57.12	223.00	194.15	257.00
Coir	15.00	9.82	17.84	17.19	30.00	41.22	116.00
Wool	—	—	—	—	20.00	13.19	28.00
NIFT	—	—	—	—	5.00	25.25	33.00
Food Processing Ind	—	—	—	—	146.00	185.00	235.00
Total	923.40	1,005.09	1,284.84	1,532.11	2,930.50	3,345.35	5,655.50

Central Sector Five Year Plan Outlay/Expenditure Under Industry & Minerals

(Rs. Crores)

Name of the Ministry/Department	(Excluding Village & Small Industries)						
	6th Plan 1980-85		7th Plan 1985-90		8th Plan 1992-97		9th Plan 1997-2002
	Outlay	Actual Expenditure	Outlay	Actual Expenditure	Outlay	Actual Expenditure	Outlay
Steel	4,000.00	4,807.54	6,420.13	8,448.00	14,579.00	11,753.85	16,232.50
Mines	1,380.00	1,821.33	2,050.00	2,453.00	2,083.00	1,089.82	7,753.96
Fertilisers	2,350.00	2,045.12	2,025.75	3,248.00	5,484.00	3,588.23	11,013.00
Petroleum & Natural Gas	935.00	491.77	307.70	335.00	2,552.00	1,522.00	4,386.82
Chemicals & Petro-Chemical	@	@	706.55	2,024.00	2,402.00	2,750.34	6,760.00
Industrial Development	0.00	0.00	335.20	730.00	1,162.00	1,980.38	1,353.75
Industrial Policy & Promotion	0.00	0.00	0.00	0.00	0.00	0.00	570.00
Heavy Industry	1,554.04	1,765.78	1,654.80	2,049.00	2,771.00	1,299.83	2,027.00
Surface Transport	97.37	81.03	130.00	98.00	152.00	76.28	161.80
Atomic Energy	352.06	480.97	1,075.00	1,280.00	1,300.00	640.05	1,218.50
Sugar & Edible Oils	0.00	0.00	0.00	0.00	0.00	0.00	39.48
Consumer Affairs	48.90	8.52	30.00	24.00	21.00	17.70	28.37
Biotechnology	@@	@@	@@	@@	5.00	43.54	6.30
Economic Affairs (I&M)	394.72	929.06	1,125.00	1,399.00	1,400.00	2,952.56	2,544.08
Textiles (I&M)	102.13	128.87	180.00	253.00	177.00	57.85	331.01
DSIR	6.00	4.90	15.00	19.00	19.00	20.37	21.50
Supply	@@	@@	15.00	8.00	13.00	12.57	22.19
Commerce	*162.36	*155.31	80.00	116.00	127.00	309.32	893.75
Ocean Development	@@	@@	10.00	1.00	15.00	10.09	84.23
Deptt. of Public Enterprises	\$	\$	\$	\$	0.00	0.00	0.00
Deptt. of Revenue	0.21	0.59	2.00	4.00	0.00	0.00	0.00
Total	11,382.79	12,720.79	16,162.13	22,489.00	34,262.00	28,124.78	55,448.24

Note i) @: Sixth Plan provisions included under M/O Petroleum and Department of Fertilisers.

ii) @@: Provisions included under Science and Technology Sector.

iii) \$: Included Under Department of Heavy Industry.

iv)*: Inclusive of Plantation Component.

Table 7.4 *Industry and Minerals***Village & Small Industries: Plan Outlay of States & UTs**

(Rs. Crores)

	Sixth Plan Outlay	Seventh Plan Actuals	Eighth Plan Agreed outlay	Ninth Plan Agreed outlay
States				
Andhra Pradesh	30.00	107.15	141.60	394.48
Arunachal Pradesh	2.75	7.73	13.00	34.32
Assam	30.00	55.00	109.68	174.77
Bihar	47.00	87.86	120.32	197.65
Goa	*	5.21	16.80	28.55
Gujarat	61.50	208.18	435.00	369.65
Haryana	19.46	48.95	135.19	111.83
Himachal Pradesh	9.05	12.78	47.50	80.00
Jammu & Kashmir	34.70	46.77	101.50	**
Karnataka	74.00	163.95	756.31	565.00
Kerala	49.80	69.29	304.00	509.00
Madhya Pradesh	33.40	76.38	105.87	314.82
Maharashtra	60.26	88.53	225.78	362.30
Manipur	12.50	14.62	22.00	42.84
Meghalaya	4.00	6.78	11.11	32.00
Mizoram	4.00	16.37	37.50	59.73
Nagaland	5.00	8.83	18.00	85.28
Orissa	27.00	68.39	114.00	68.70
Punjab	20.61	17.79	119.92	24.16
Rajasthan	19.50	25.69	170.94	300.63
Sikkim	3.60	3.32	8.80	25.00
Tamil Nadu	80.00	276.62	269.00	600.00
Tripura	8.50	13.42	34.50	37.99
Uttar Pradesh	125.23	162.41	261.20	204.47
West Bengal	60.00	69.04	223.52	213.06
Total States	821.07	1,661.06	3,803.05	4,836.23
Union Territories				
Andaman & N.Islands	1.00	2.64	6.90	38.00
Chandigarh	0.60	1.56	2.64	3.09
Dadra & N.Haveli	0.55	0.90	3.25	5.74
Daman & Diu	2.50	0.24	2.76	1.28
Delhi	25.64	45.15	27.00	59.90
Lakshadweep	0.30	1.21	3.40	9.16
Pondicherry	4.60	13.20	27.20	78.00
Total UTs	35.19	64.91	73.15	195.17
Total (States & UTs)	857.05	1,725.97	3,876.20	5,031.40

Note i) *: included in Daman & Diu.

ii) **: Not yet finalised.

Five Year Plan Outlays under the Industry & Minerals in the State Sector

(Rs. Crores)

States / Union Territories	(Other than Village & Small Industries)			
	6th Plan 1980-85 Outlay	7th Plan 1985-90 Outlay	8th Plan 1992-97 Outlay	9th Plan 1997-2002 Outlay
States				
Andhra Pradesh	75.66	219.30	130.90	567.65
Arunachal Pradesh	7.51	2.75	13.94	11.78
Assam	24.75	53.10	214.25	205.27
Bihar	51.65	146.60	339.00	140.97
Goa	@	@	19.70	6.00
Gujrat	99.60	129.44	233.50	835.35
Haryana	11.40	20.55	85.33	32.85
Himachal Pradesh	9.00	16.27	28.70	70.00
Jammu & Kashmir	38.07	38.75	93.20	131.90
Karnataka	88.68	95.00	228.44	461.00
Kerala	109.70	131.00	506.52	616.86
Madhya Pradesh	35.55	56.35	360.27	798.15
Maharashtra	131.90	302.00	588.68	540.30
Manipur	7.50	10.30	18.00	83.67
Meghalaya	5.50	13.10	32.06	70.00
Mizoram	0.58	2.35	7.25	9.19
Nagaland	7.00	20.20	32.00	35.74
Orissa	38.00	100.35	671.94	54.79
Punjab	61.07	88.71	43.00	257.14
Rajasthan	64.09	144.64	365.07	1,452.75
Sikkim	2.94	5.42	12.00	45.00
Tamil Nadu	91.77	155.00	281.00	802.91
Tripura	5.46	6.25	30.50	41.35
Uttar Pradesh	198.12	429.03	308.35	322.18
West Bengal	213.34	226.00	853.96	1113.23
Total (States)	1,378.84	2,412.46	5,497.56	87,06.03
Union Territories				
A & N Islands	0.00	0.00	0.00	0.00
Chandigarh	0.49	0.19	0.20	0.00
Dadra & Nagar Haveli	0.00	0.00	0.00	0.00
Daman & Diu	6.00	11.85	0.02	2.32
Delhi	1.98	12.00	3.50	50.10
Lakshadweep	0.00	0.12	0.46	0.00
Pondicherry	1.74	3.34	21.69	107.00
Total (UTs)	10.21	27.50	25.87	159.42
Grand Total	1,389.05	2,439.96	5,523.43	8,865.45

Note i) @: Included in Daman & Diu.

Table 7.6 Industry and Minerals**Production of Selected Industries**

Charts 7.1 on page 87 and 7.2/7.3/7.4/7.5 on page 88-89

Industry	Unit	1950-51	1960-61	1970-71	1980-81	1990-91
Finished Steel	Million Tonnes	1.04	2.39	4.64	6.82	13.53
Aluminium	'000 Tonnes	4.00	18.5	168.80	199.00	451.10
Blister Copper	'000 Tonnes	7.10	9.00	9.30	25.30	40.60
Cement	Million Tonnes	2.70	8.00	14.30	18.60	48.80
Nitrogenous Fertilisers (N ₂)	'000 Tonnes	9.00	98.00	830.00	2,164.00	6993.00
Phosphatic Fertilisers (P ₂ O ₅)	'000 Tonnes	9.00	52.00	229.00	842.00	2,052.00
Caustic Soda	'000 Tonnes	12.00	99.00	371.00	578.00	992.00
Paper & Paper Board	'000 Tonnes	116.00	349.00	755.00	1,,149.00	2,088.00
Sugar	Million Tonnes	1.13	3.02	3.74	5.15	12.05
Vanaspati	'000 Tonnes	155.00	355.00	558.00	753.00	850.00
Cotton Cloth (Mill & Decentralised Sectors)	Million Meters	4,215.00	6,738.00	7,602.00	8,368.00	15,431.00
Agricultural Tractors	'000 Nos.	—	0	0	71.00	142.20
Electric Transformers	Million KVA	0.18	1.39	8.09	19.46	36.58
Machine Tools	Rs. Crores	0.30	0.80	43.00	169.20	773.10
Commercial Vehicles	'000 Nos.	8.60	28.20	41.20	71.70	145.50
Motor Cycle, Scooters & Moped	'000 Nos.	0	0.90	97.00	447.20	1,842.80
Railway Wagons	'000 Nos.	0	11.90	11.10	13.60	25.30
Electronics	Rs. Crores	0	15.00	196.00	768.00	9,540.00

Note i) *: Provisional.

Source i) Economic Survey 1999-2000, Government of India.

1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
14.33	15.2	15.10	17.82	21.70	22.72	23.40	23.80
511.50	487.00	460.70	467.20	527.00	509.60	550.00	536.80
45.10	47.00	56.30	45.60	40.90	38.30	43.70	37.70
51.70	54.70	57.80	62.30	69.50	76.20	82.10	88.00
7,235.00	7,497.00	7,383.00	8,039.00	9,228.00	8,764.00	10,538.00	10,675.00
2,535.00	2,376.00	1,847.00	2,913.00	2,782.00	2,803.00	3,191.00	3,222.00
1,036.00	1,073.00	1,109.00	1,118.00	1,356.00	1,456.00	1,445.00	1,429.00
2,122.00	2,533.00	2,734.00	2,554.00	2,710.00	2,769.00	2,922.00	3,117.00
13.28	10.56	9.80	12.61	14.78	15.30	13.16	15.52
826.00	893.00	900.00	907.00	974.00	992.00	925.00	1,257.00
14,647.00	13,054.00	17,790.00	17,019.00	18,900.00	19,841.00	19,992.00	17,949.00
166.30	146.90	138.60	157.80	201.73	244.76	279.70	271.30
34.28	34.80	34.50	41.50	37.80	37.00	44.10	42.20
921.70	1,043.80	896.20	880.60	974.00	1,322.30	1,538.60	1,233.40
149.80	133.20	145.40	216.20	296.30	327.30	226.80	169.60
1,608.40	1,509.80	1,756.00	2,191.00	2,653.90	2,979.10	3,035.80	3,277.70
25.20	25.00	19.20	14.70	19.00	23.70	27.70	25.23
10,675.00	12,850.00	15,235.00	18,830.00	22,340.00	26,640.00	32,070.00	41,100.00

Chart 7.1

Production of Select Industries

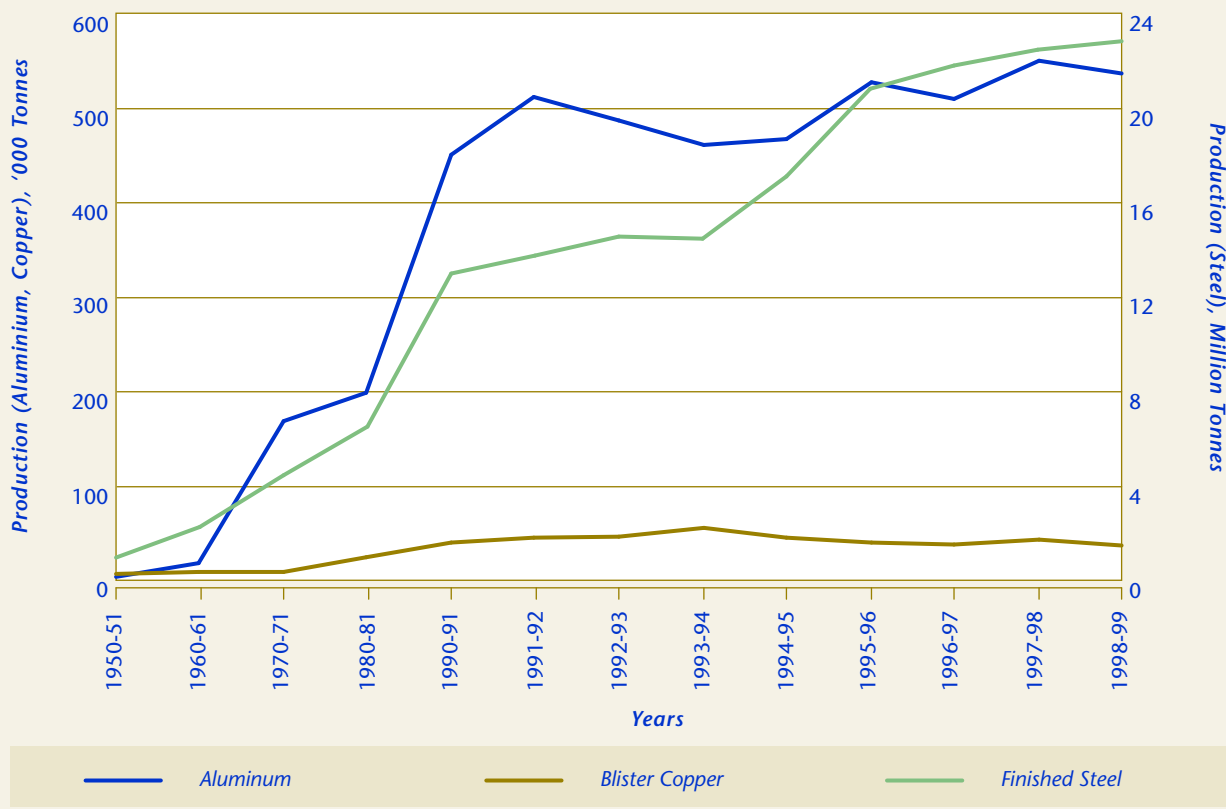


Chart for Table 7.6

Chart 7.2

Production of Select Industries

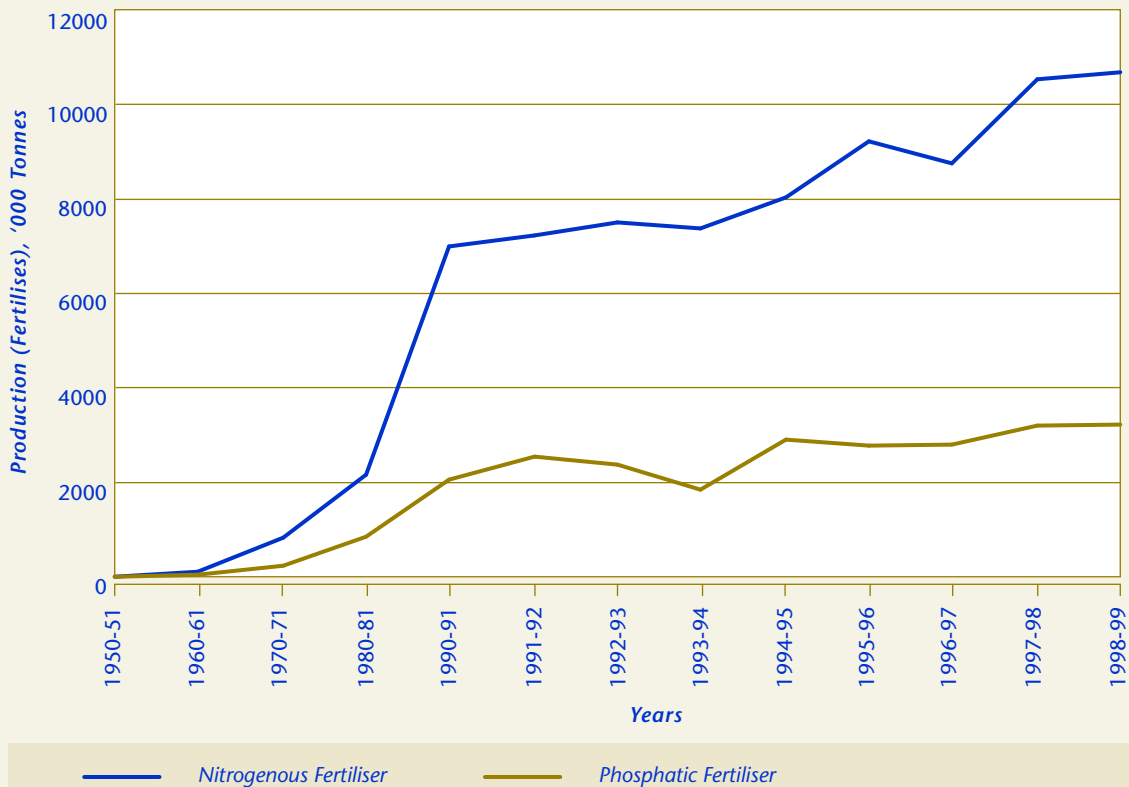


Chart for Table 7.6

Chart 7.3

Production of Select Industries

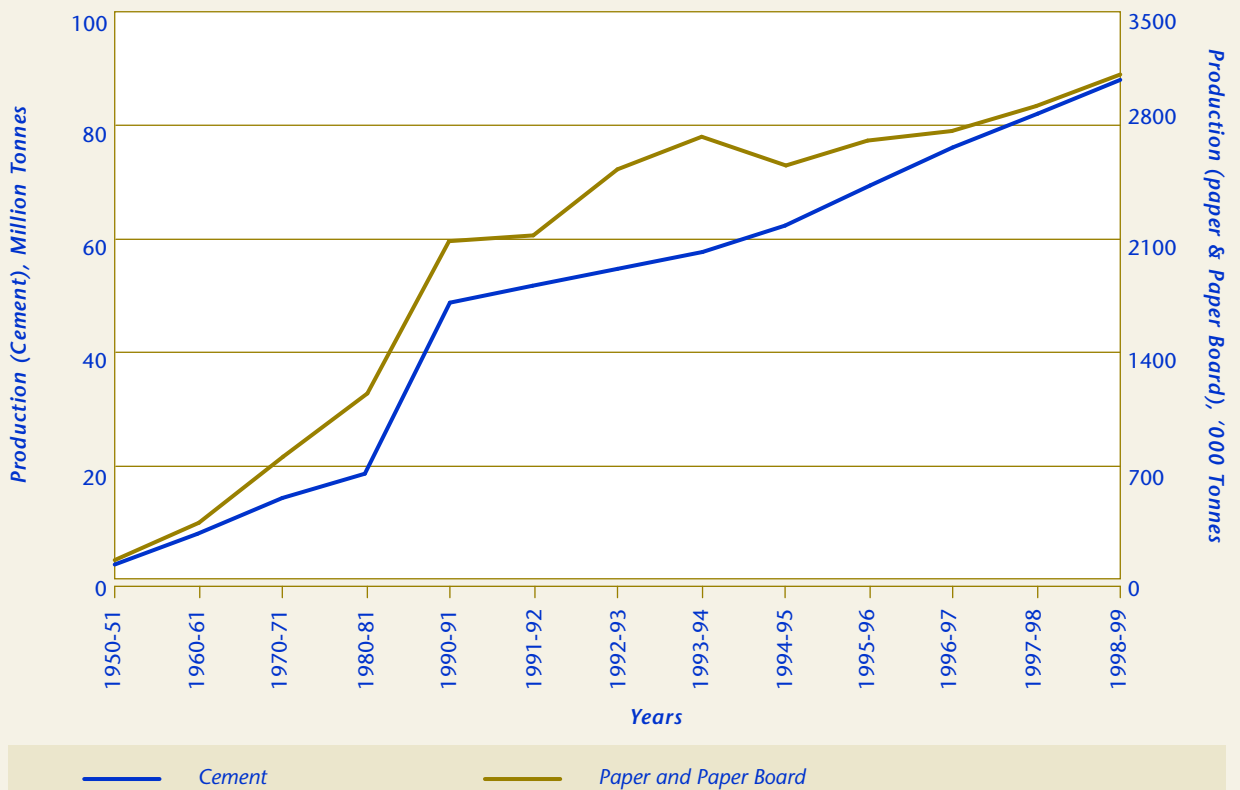


Chart for Table 7.6

Chart 7.4

Production of Select Industries

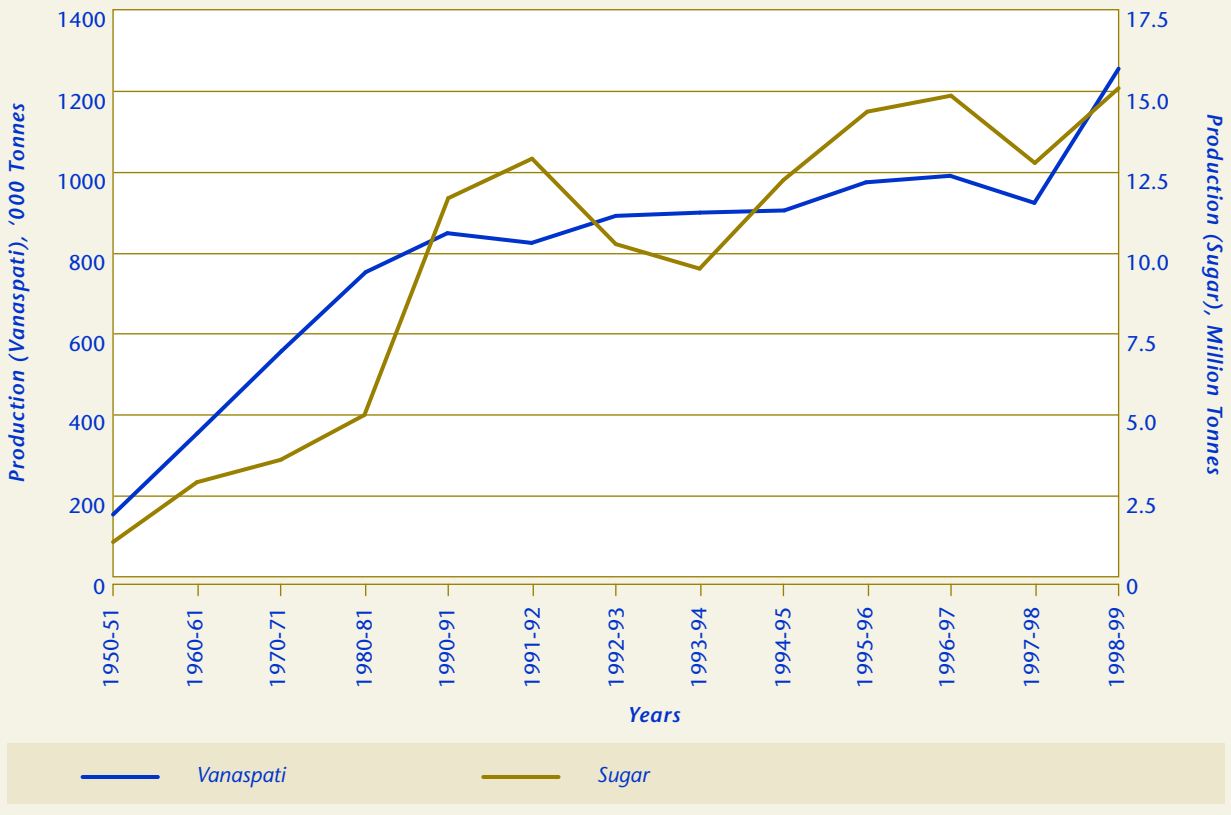


Chart for Table 7.6

Chart 7.5

Production of Select Industries

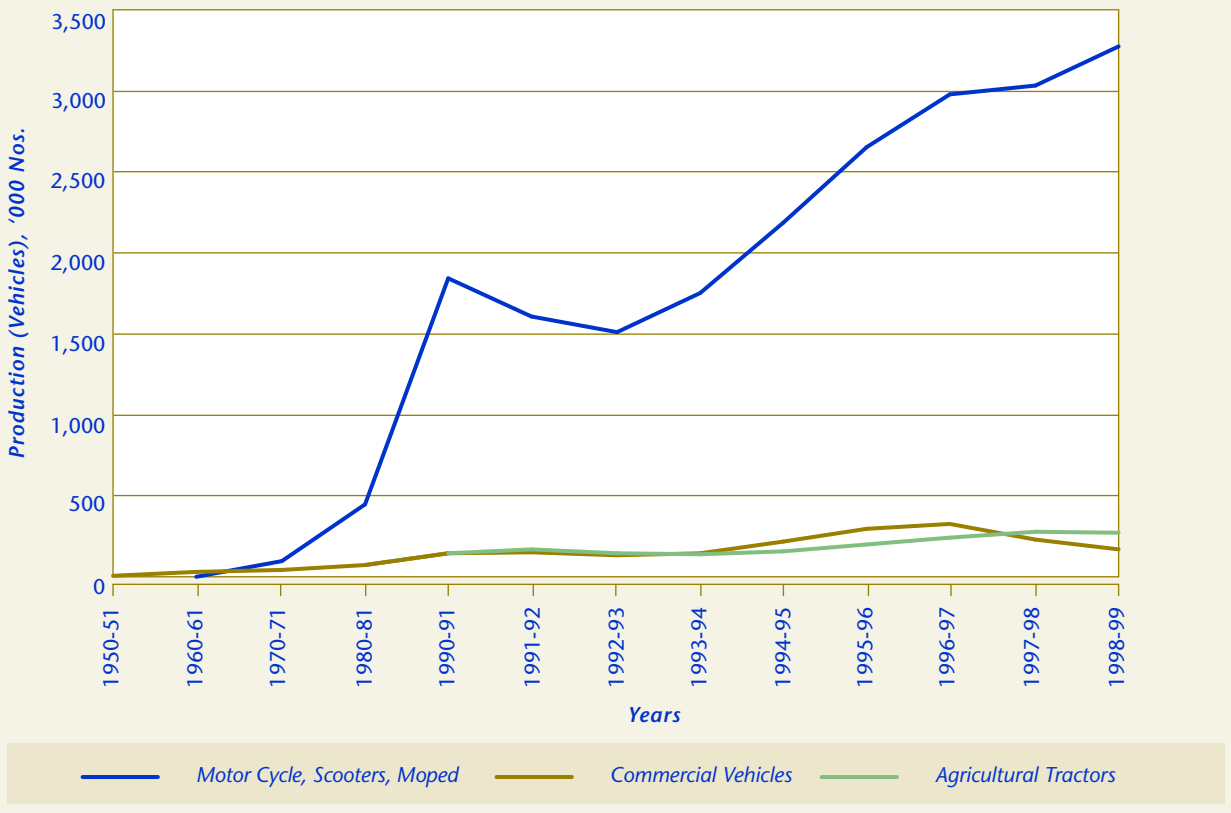


Chart for Table 7.6

Table 7.7 **Industry and Minerals****Mineral Production Quantity**

Item	Unit	1950	1960	1965	1973	1977
Fuel Minerals						
Coal	'000 tonne	32,826	52,593	67,162	77,870	100,358
Lignite	'000 tonne	—	47	2,300	3,320	3,632
Natural Gas (b)	mil. Cu. mtr.	—	147	325	912	1,621
Petroleum (crude)	'000 tonne	259	454	3,022	7,198	10,185
Metallic Minerals						
Chromite	'000 tonne	17	107	60	289	353
Iron Ore (a)	'000 tonne	3,013	16,609	23,874	35,563	42,598
Manganese Ore (a)	'000 tonne	897	1,452	1,647	1,492	1,865
Bauxite (a)	'000 tonne	65	387	707	1,297	1,519
Copper Ore	'000 tonne	366	448	468	1,102	2,552
Gold Metal	Kilogram	6,125	4,995	4,063	3,278	3,014
Lead Concentrates	tonne	2,008	6,245	5,496	7,672	16,865
Silver (metal)	Kilogram	488	4,128	5,235	4,258	13,228
Zinc Concentrates	tonne	666	9,787	9,641	23,913	46,250
Non-metallic Minerals						
Asbestos	tonne	212	1,711	4,801	12,460	21,801
Barytes	'000 tonne	12	17	48	120	331
Limestone	'000 tonne	230	12,935	19,957	25,490	303,380
Kaolin Natural (c)	'000 tonne	54	71	202	274	295
Kaolin Processed (c)	'000 tonne	—	83	93	100	100
Gypsum	'000 tonne	210	997	1,160	887	778
Kyantite	'000 tonne	36	20	37	58	42
Magnesite	'000 tonne	54	156	239	193	402
Mica-crude	tonne	—	29,226	23,840	13,830	9,352
Sillimanite	tonne	1,499	4,883	11,276	3,138	15,023

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Note i) *: Provisional.

ii) (a): Includes mineral production from Goa from 1955 onwards.

iii) (b): Figures of natural gas related to gas utilised.

iv) (b): Note-Data relates to calendar year (January to December).

v) (c): Kaolin natural refer to the mineral produced and consumed as such while Kaolin processed refer to the Kaolin obtained after processing the run of mine material.

Source i) Basic statistics relating to Indian Economy, 1987—C.S.O. for data upto 1985 and For data from 1990-91 onwards source is Indian Bureau of Mines, Nagpur.

1985	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	*1996-97
149,211	211,616	229,354	241,998	248,689	257,770	273,415	288,208
7,849	14,073	15,811	16,618	18,008	19,256	22,144	22,540
4,688	12,869	14,441	16,116	16,340	17,339	20,916	18,215
29,860	33,021	30,346	26,950	27,027	32,239	34,517	31,480
567	940	1,682	1,071	1,065	1,138	1,700	1,388
44,186	55,591	50,084	57,495	59,645	64,507	67,423	66,669
1,259	1,492	1,640	1,903	1,696	1,681	1,837	1,833
2,248	4,984	5,013	5,145	5,535	4,899	5,564	5,931
4,201	5,255	5,207	5,210	5,009	4,767	4,737	3,895
1,850	2,207	2,041	1,850	2,075	2,373	2,036	2,710
35,446	44,237	56,225	60,648	53,850	52,724	61,583	60,329
25,586	34,982	35,556	46,560	56,096	45,911	35,531	39,689
87,082	136,958	252,540	301,283	290,152	268,813	289,072	276,998
29,450	37,639	39,440	42,213	41,725	28,326	23,844	26,101
575	509	635	481	526	531	443	345
48,385	70,125	77,185	80,206	83,159	93,207	95,781	100,908
639	724	815	668	645	732	831	686
118	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1,289	1,589	1,582	1,802	1,686	1,646	2,195	2,096
31	37	20	10	11	5	9	6
421	529	531	541	375	334	345	371
4,875	4,062	3,593	2,560	2,126	1,988	1,832	1,962
17,123	12,921	13,677	20,394	12,287	9,982	9,086	8,527

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Table 7.8 Industry and Minerals**Village and Small Industries: Production, Employment and Exports**

Chart 7.3/7.4 on page 94

		1973-74	1980-81	1988-89
Production				
Small Scale Industries	Rs. Crores	7,200.00	23,566.00	73,125.00
Khadi Cloth	M.Sq. mts.	56.00	91.00	108.53
Village Industries	Rs. Crores	122.00	451.24	1,443.39
Coir Fibre	Lakh Tonnes	1.50	1.59	1.90
Handlooms	M.Sq. mts.	2,100.00	3,100.00	3,466.00
Powerlooms	M.Sq. mts.	2,400.00	3,369.00	7,008.00
Raw Silk	M.Tonnes	29.00	5,041.00	10,653.00
Handicrafts	Rs. Crores	1,065.00	2,300.00	8,250.00
Employment (Lakh persons)				
Small Scale Industries		39.65	NA	113.00
Khadi		8.84	NA	14.04
Village Industries		9.67	NA	28.83
Coir Industries		5.00	NA	5.54
Handlooms		52.40	NA	73.43
Powerlooms		10.00	NA	51.70
Sericulture		12.00	NA	58.50
Handicrafts		15.00	NA	38.30
Total		152.56	NA	383.34
Exports (Rs. Crores)				
Small Scale Industries		538.0	—	5,681.00
Coir Industries		16.00	25.55	33.00
Khadi & Village Industries		—	—	5.05
Handlooms		89.50	293.36	283.00
Sericulture		14.00	53.12	330.54
Handicrafts		1950	966.37	4,770.42
Total (VSI)		852.50	1,549.00	11,103.01

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Source i) Plan Documents.

1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1,43,170.00	1,5,340.00	1,59,972.00	1,68,960.00	2,41,650.00	2,93,990.00	3,56,213.00	4,12,636.00
107.47	109.00	111.00	105.00	108.00	94.00	105.00	111.00
1,705.29	1,994.00	2,264.00	2,523.00	3,232.00	3,270.00	3,504.00	3,890.00
2.02	2.11	2.20	2.29	2.40	2.45	263.00	276.00
4,155.00	4,888.00	4,123.00	5,219.00	5,440.00	6,180.00	7,202.00	7,456.00
9,788.00	12,337.00	16,089.00	17,826.00	18,482.00	20,100.00	17,201.00	19,352.00
12,016.00	12,836.00	11,740.00	13,900.00	15,196.00	15,045.00	13,909.00	14,126.00
9,750.00	11,325.00	13,260.00	15,550.00	18,250.00	21,455.00	25,200.00	29,600.00
119.60	124.30	126.00	128.32	138.39	146.50	152.61	160.00
14.12	14.15	14.30	14.50	14.50	14.00	56.72	58.17
32.14	34.42	35.40	36.55	39.41	41.08	—	—
5.46	5.46	5.46	5.53	5.50	5.50	5.50	5.50
73.00	96.87	106.00	106.00	110.00	112.00	153.00	159.00
45.00	55.00	55.00	55.00	56.00	65.00	68.62	70.79
50.00	52.00	54.50	54.77	56.00	60.00	59.50	59.61
42.15	43.84	48.25	53.05	58.30	64.00	65.59	70.82
381.47	426.04	444.91	453.72	478.10	508.08	571.54	583.89
7,626.00	9,100.00	12,658.00	15,048.00	25,300.00	26,400.00	36,470.00	39,249.00
40.18	48.33	74.12	95.95	102.00	171.60	206.85	212.58
5.54	6.43	6.61	8.00	—	—	—	—
342.00	478.64	796.40	1,033.00	1,191.00	1,590.00	1,921.00	1,998.00
400.61	440.53	676.00	720.00	792.00	937.00	846.08	950.00
6,400.00	8,100.00	9,215.00	2,523.00	3,360.00	3,870.00	4,980.15	5,628.62
14,814.33	18,173.93	23,426.13	19,427.95	30,745.00	32,968.60	44,424.08	48,038.20

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Chart 7.6

Production—Village and Small Industries

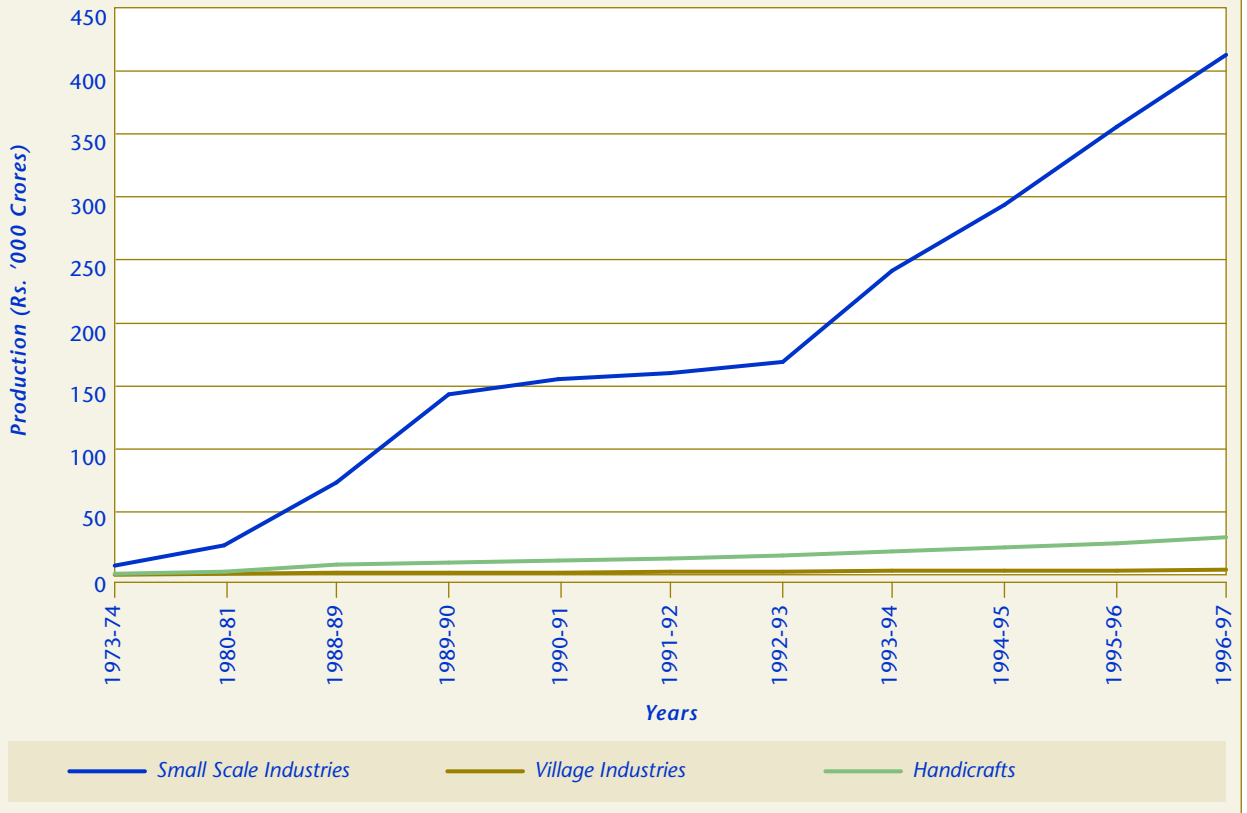


Chart for Table 7.8

Chart 7.7

Employment—Village and Small Industries

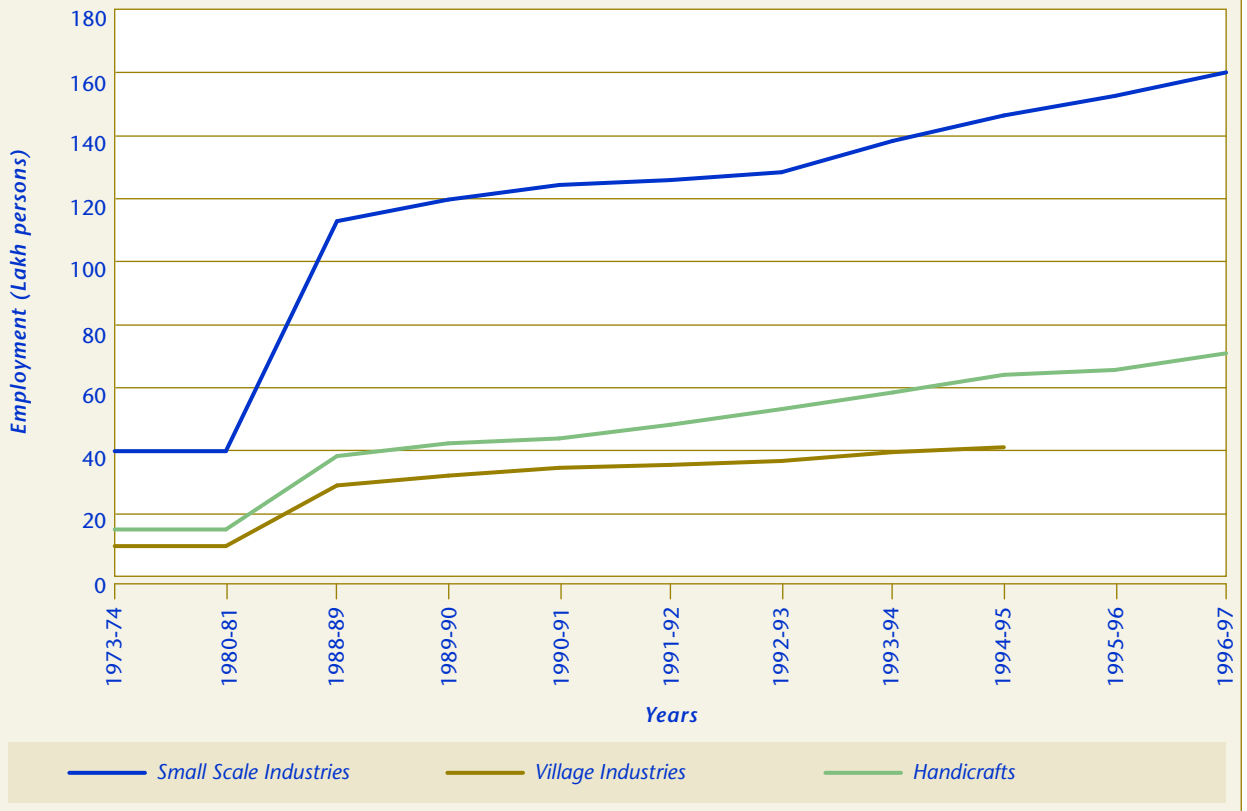


Chart for Table 7.8

Infrastructure

Chapter Title	Page No.
8 Power and Energy	96
9 Transport	106
10 Telecommunications and Broadcasting	128

The Section on Infrastructure looks at the performance of three crucial sectors, namely, Power and Energy, Transport, Telecommunication and Broadcasting. The growth performance of an economy is crucially tied with the performance of each of these sectors. With the opening up of the economy and the attempt to improve the pace and distributional aspect of growth, there are greater demands - both quantitative as well as qualitative - being imposed on the infrastructure services. The widening gap between the demand for these services and the existing capacity in the economy is resulting in a structural shift in this sector as the public sector is giving way, though only gradually, to greater private sector participation in most of the areas.

Chapter 8 *Power and Energy*

Table Title	Page No.
8.1 Indigenous Production of Primary Energy Sources	97
8.2 Physical Achievement (Utilities) in Power Sector	97
8.3 Electricity Generation and Per Capita Consumption	98
8.4 Towns and Villages Electrified	100
8.5 Sector-wise Consumption of Commercial Energy in the Indian Economy	101
8.6 Availability of Crude Petroleum	102
8.7 Plan Outlay/Expenditure of Power Sector	103
8.8 Plan Outlay/Expenditure of Petroleum and Natural Gas	103
8.9 Consumption of Petroleum Products	104
8.10 Coal and Lignite—Physical and Financial Performance	104

The tables in this Chapter provide an overview of the composition of energy production, its consumption by major sectors, as also the availability of some non-renewable energy sources. Progress made in electrification of towns and villages has also been tabulated. Plan outlays and expenditures for the more recent years have been presented for the Power Sector, as well as for Petroleum and Natural Gas.

Indigenous Production of Primary Energy Sources

Chart 8.1 on page 98

Year	Coal Million Tonnes	Lignite Million Tonnes	Crude Oil Million Tonnes	Natural Gas BCM	Hydro Electricity Bkwh	Nuclear Electricity Bkwh
1953-54	34.7	—	0.30	N.A.	2.90	—
1960-61	46.7	—	0.40	N.A.	7.80	—
1965-66	67.7	2.60	3.50	N.A.	15.20	—
1970-71	72.9	3.40	6.80	1.40	25.20	2.40
1975-76	99.7	3.00	8.40	2.40	33.30	2.60
1980-81	113.9	5.10	10.50	2.40	46.50	3.00
1984-85	147.4	7.80	29.00	7.20	53.90	4.10
1985-86	154.2	8.00	30.20	8.10	51.00	5.00
1986-87	165.69	7.21	30.50	9.80	53.80	5.00
1987-88	179.85	11.27	30.40	11.50	47.40	5.00
1988-89	194.38	12.59	32.00	13.20	57.79	5.82
1989-90	200.91	12.36	34.10	17.00	62.11	4.62
1990-91	211.61	14.07	33.00	18.00	71.64	6.14
1991-92	229.35	15.99	30.30	18.60	72.59	5.56
1992-93	238.49	16.62	26.90	18.00	69.77	6.74
1993-94	248.68	18.10	27.00	18.30	70.46	5.39
1994-95	257.77	19.31	32.20	19.40	82.71	5.64
1995-96	273.42	22.15	35.20	12.60	72.57	7.98
1996-97	286.08	22.64	32.90	23.30	68.60	9.01
1997-98	297.17	23.42	32.70	26.40	74.38	9.98
1998-99*	292.16	23.42	32.71	27.43	82.61	11.98
1999-2000	300.10	22.12	31.95	28.44	80.53	13.25

Note i) *: Provisional.

ii) Figures relate to Financial Year 1st April to 31st March.

iii) Bkwh: Billion Kilowatt Hours.

iv) BCM: Billion Cubic Meters.

Source i) Ministry of Petroleum and Natural Gas.

Physical Achievement (Utilities) in Power Sector

(Capacity in MW)

Sector	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000
Addition during the year	3,537.27	4,538.75	4,598.50	2,123.55	1,624.40	3,286.50	4,242.00	4,507.50
Cumulative Installed Capacity All-India	72,330.37	76,753.41	81,171.33	83,293.52	85,795.37	89,090.00	93,253.04	97,836.88
Plant Load Factor %	57.10	61.00	60.00	63.00	64.40	64.70	64.60	67.30

Table 8.3 Power and Energy

Electricity Generation and Per Capita Consumption

Chart 8.2 on page 99

(Million kwh)

Source	1950	1960-61	1965-66	1973-74	1977-78	1984-85	1985-86	1986-87	1987-88
Electricity Generated by Public Utility Undertakings									
State Owned	2,104	11,016	26,072	60,683	84,722	146,654	160,347	177,275	191,146
Percentage of Total	32.0	54.8	70.8	83.4	85.7	86.7	87.4	87.7	87.3
Company Owned	3,003	5,921	6,918	6,006	6,647	10,205	10,003	10,524	10,946
Percentage of Total	45.7	29.4	18.8	8.2	6.7	6.0	5.4	5.2	5.0
Self-generating Industrial Establishments									
Establishments	1,486	3,186	3,835	6,107	7,559	12,346	13,040	143,000	16,891
Percentage to Total	22.3	15.8	10.4	8.5	7.6	7.3	7.2	7.1	7.7
Total	6,593	20,123	36,825	72,796	98,928	169,205	183,390	202,099	218,983
Annual Per Capita Consumption of Electricity (kwh)	—	38.2	61.4	97.5	120.7	168.5	178.0	191.0	201.0

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Chart 8.1

Indigenous Production of Primary Energy Sources

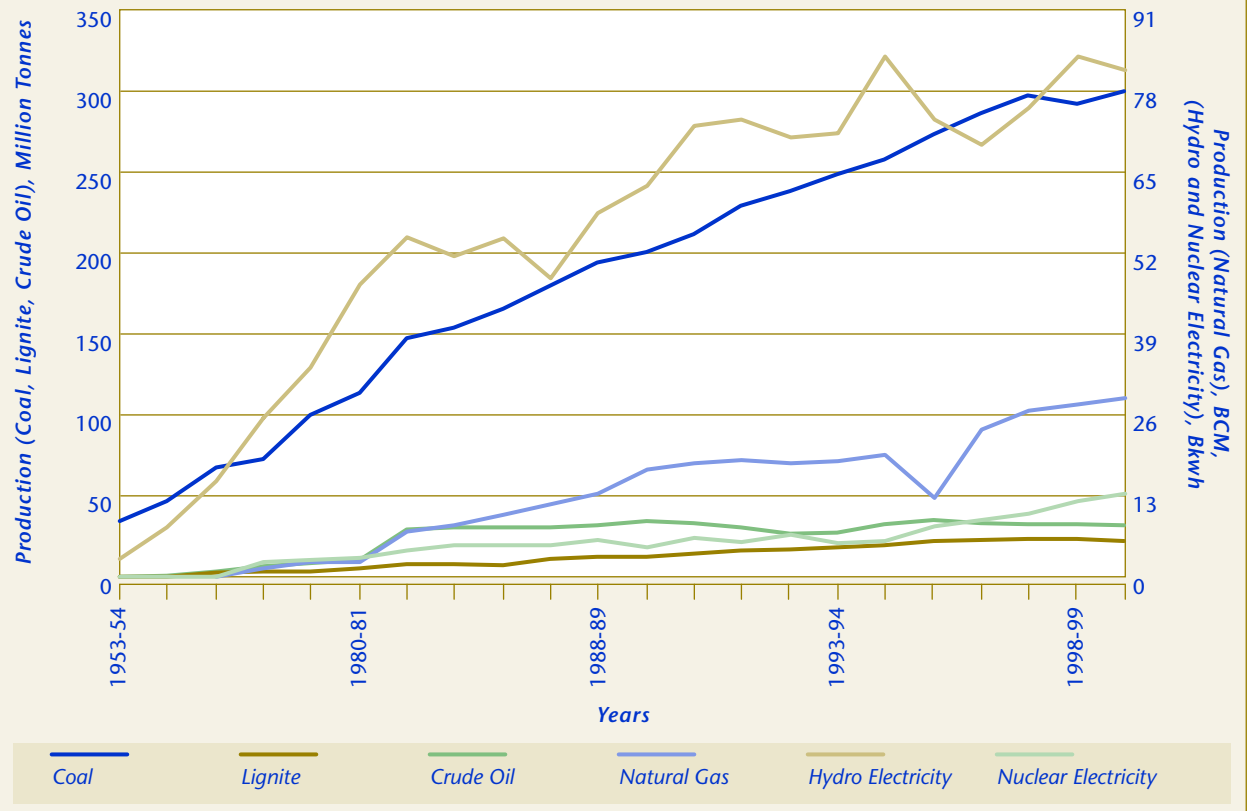


Chart for Table 8.1

1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
210,633	233,474	251,382	273,312	287,536	310,197	335,293	361,725	374,126	395,593	417,181
87.3	86.9	86.9	86.6	86.4	87.1	87.0	86.5	85.7	84.9	
10,764	11,964	12,950	13,739	13,849	13,875	15,197	18,152	21,764	26,154	31,225
4.5	4.5	4.5	4.4	4.2	3.9	3.9	4.3	5.0	5.6	
19,911	23,226	25,107	28,580	31,328	32,263	35,044	38,142	40,840	44,077	NA
8.3	8.6	8.7	9.1	9.4	9.1	9.1	9.1	9.4	9.5	
241,308	268,664	289,439	315,631	332,713	356,335	385,534	418,019	436,730		
217	236	253	268	283	299	320	335	334	348.5	N.A

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Chart 8.2

Electricity Generation and Per Capita Consumption

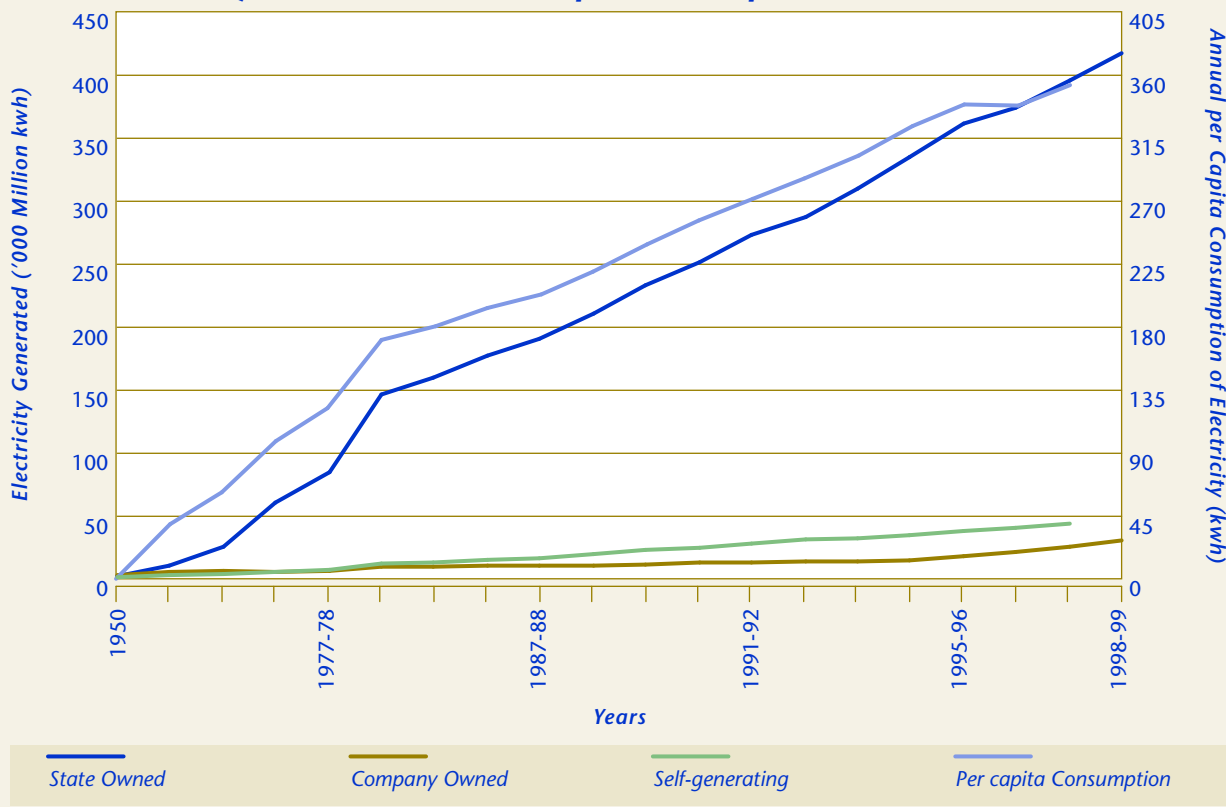


Chart for Table 8.3

Table 8.4 *Power and Energy*
Towns and Villages Electrified

Year	Population Ranges of Towns and Villages			
	Over 1,00,000	50,000 to 1,00,000	10,000 to 49,999	Upto 9,999
Total No. of Towns and Villages	227	330	3,973	556,266
No. of Towns and Villages Electrified at the end of:				
1979-80	151	219	2,933	249,621
1980-81	151	219	2,935	272,107
1981-82	151	219	2,936	296,325
1982-83	151	219	2,936	323,701
1983-84	151	219	2,944	347,376
1984-85	151	219	2,950	370,138
1985-86	151	219	2,959	390,090
1990-91	151	219	3,431	479,332
1994-95	227	330	3,973	495,274
1995-96	227	330	4,305	492,102

Infra-structure

Chart 8.3

Sector-wise Consumption of Commercial Energy—1953-54

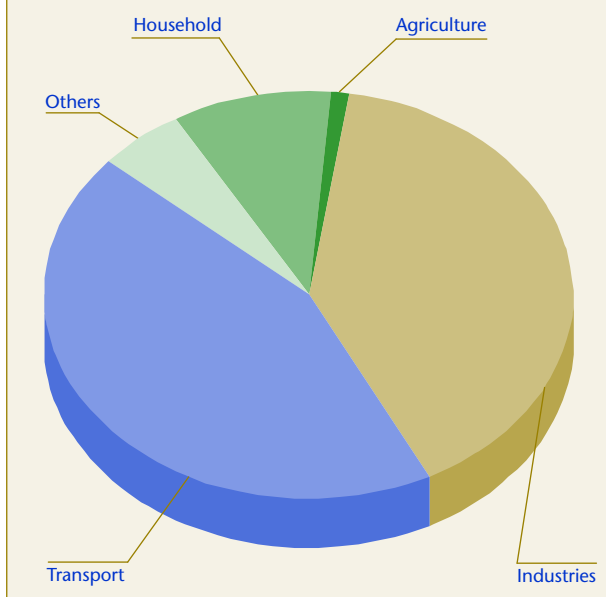


Chart for Table 8.5

Chart 8.4

Sector-wise Consumption of Commercial Energy—1970-71

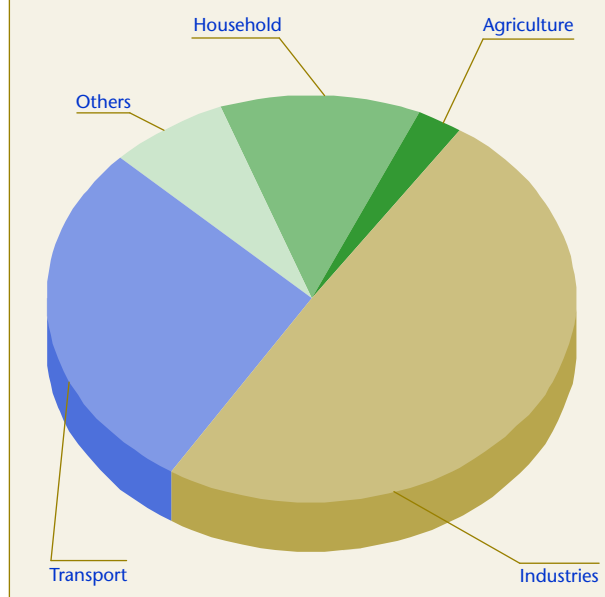


Chart for Table 8.5

Sector-wise Consumption of Commercial Energy in the Indian Economy

Chart 8.3/8.4/8.5/8.6 on page 100/101

	Household	Agriculture	Industries	Transport	Others	Total
Total Consumption of Commercial Energy:						
Absolute Data						
1953-54	1.95	0.28	8.12	8.89	1.10	20.35
1960-61	2.93	0.48	12.54	12.15	2.12	30.21
1970-71	5.55	1.23	22.58	12.84	3.32	45.53
1980-81	6.98	4.53	35.67	16.90	7.84	71.92
1990-91	14.35	9.97	54.34	24.07	18.84	121.58
1996-97	19.70	14.66	68.23	36.32	23.94	162.85
Share of Different Sectors in Above (%)						
1953-54	9.60	1.40	39.90	43.70	5.40	100.00
1960-61	9.70	1.60	41.50	40.20	7.00	100.00
1970-71	12.20	2.70	49.60	28.20	7.30	100.00
1980-81	9.70	6.30	49.60	23.50	10.90	100.00
1990-91	11.80	8.20	44.70	19.80	15.50	100.00
1996-97	12.10	9.00	41.90	22.30	14.70	100.00

Chart 8.5

Sector-wise Consumption of Commercial Energy—1990-91

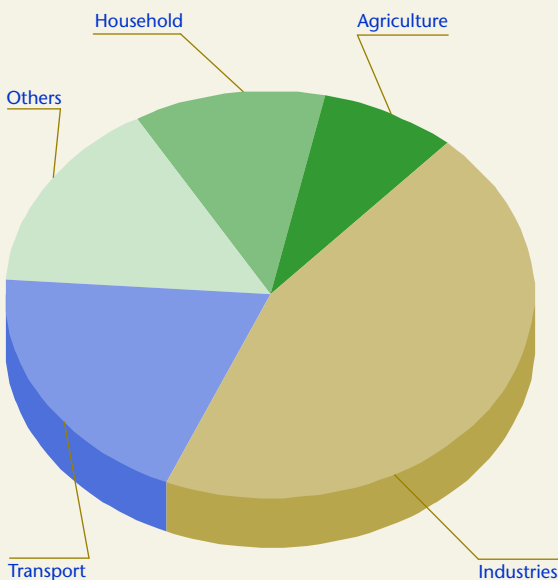


Chart for Table 8.5

Chart 8.6

Sector-wise Consumption of Commercial Energy—1996-97

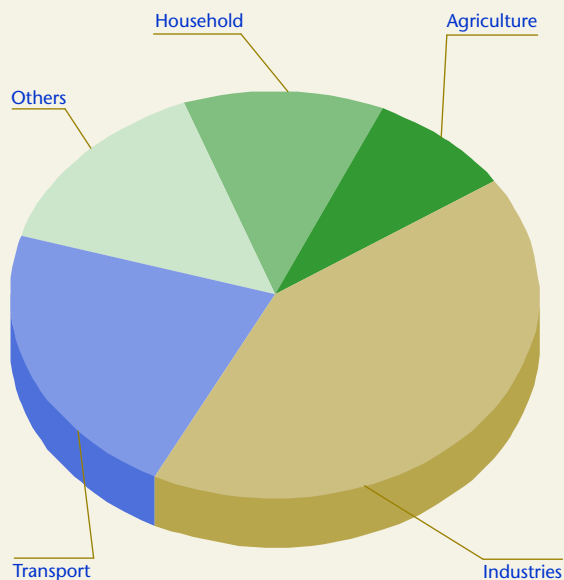


Chart for Table 8.5

Table 8.6 Power and Energy

Availability of Crude Petroleum

Chart 8.7 on page 102

(‘000 Tonnes)

Item	1987-88	1988-89	1989-90	1990-91	1991-92
Indigenous Production	30,357	32,040	34,087	33,021	30,346
Imports (Gross)	17,730	17,810	19,490	20,700	24,000
Availability of Crude Petroleum (Indigenous Production Net Imports)	(17,730)	(17,810)	(19,490)	(20,700)	(24,000)
Crude Processed in the Refinery	47,754	48,803	51,942	51,772	51,423

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Note i) Figure in Bracket are net imports.

ii) *: Provisional.

Source i) Ministry of Petroleum & Natural Gas.

Chart 8.7

Availability of Crude Petroleum

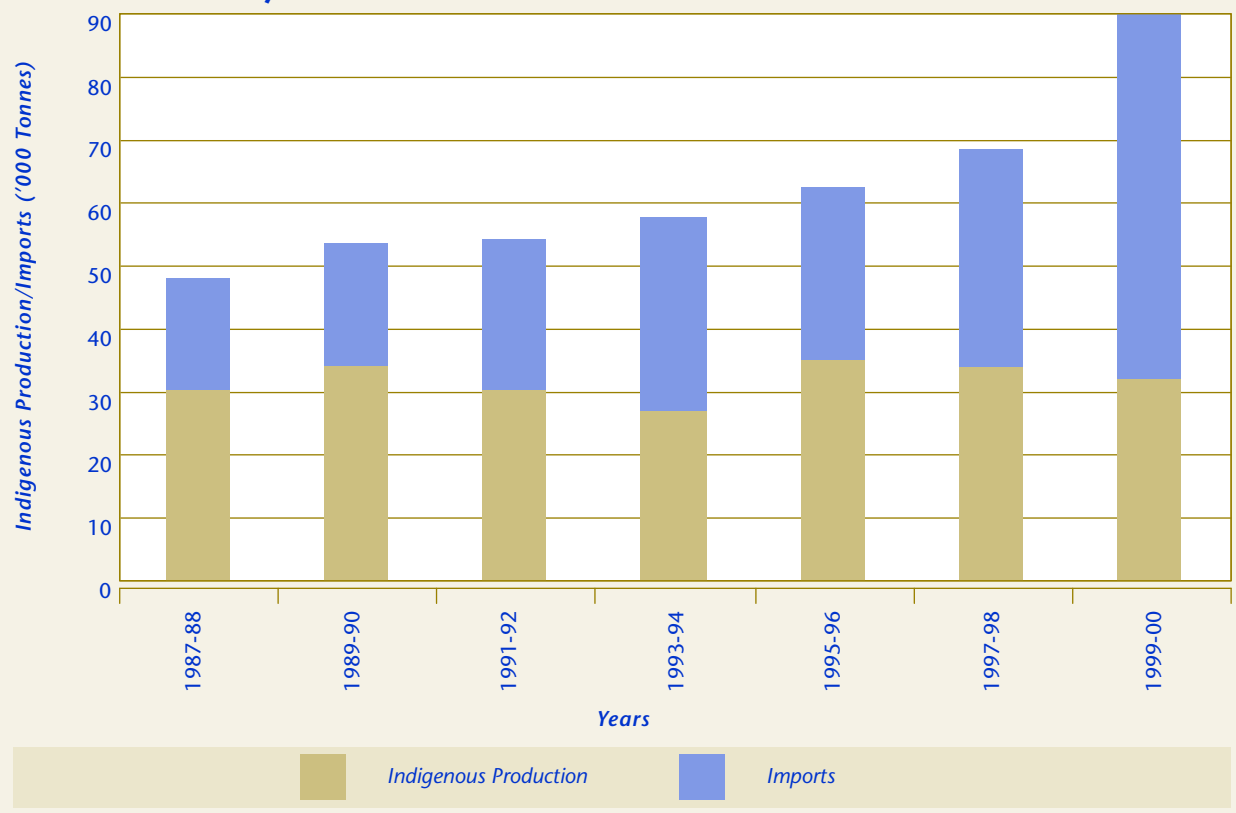


Chart for Table 8.6

Power and Energy Table 8.6

1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99*	1999-2000
26,950	27,026	22,239	35,167	32,901	33,859	32,723	32,005
29,250	30,820	27,350	27,342	33,906	34,494	39,808	57,940
(29,250)	(30,820)	(27,350)	(27,342)	(33,906)	(34,494)	(39,808)	(57,940)
56,200	57,846	49,589	62,509	66,807	68,353	72,518	89,945
53,482	54,296	56,534	58,741	62,870	65,166	68,538	85,894

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Power and Energy Table 8.7

Plan Outlay/Expenditure of Power Sector

(Rs. Crores)

Sector	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1998-99	1999-2000	1999-2000
							Budget Estimate	Revised Estimate	Budget Estimate	Revised Estimate
State	7,669.84	8,156.60	9,557.59	10,025.15	10,841.81	11,892.57	14,836.33	13,243.61	15,594.09	N.A.
Central	4,726.81	6,365.02	6,752.63	6,486.24	6,095.69	6,843.99	10,901.66	8,157.08	11,230.91	9,366.78
All-India	12,396.65	14,521.62	16,310.22	16,511.39	16,937.50	18,736.56	25,737.99	21,400.69	26,825.00	

Infra-structure

Power and Energy Table 8.8

Plan Outlay/Expenditure of Petroleum and Natural Gas

(Rs. Crores)

Item	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	1999-2000
								Budget Estimate	Revised Estimate
Petroleum & Natural Gas	5,698	9,590	8,644	8,123	8,008	9,683	11,214	11,784	12,218

Note i) The above figures exclude the petrochemical and engineering units.

Source ii) Ministry of Petroleum & Natural Gas.

Table 8.9 Power and Energy
Consumption of Petroleum Products

Item	('000 Tonnes)				
	1987-88	1988-89	1989-90	1990-91	1991-92
Light Distillates	7,547	8,619	9,412	9,801	10,115
Middle Distillates	28,005	29,955	32,484	33,106	34,404
Heavy Ends	10,864	11,518	12,199	12,128	12,455
Refinery Boiler Fuel	2,522	2,790	2,684	2,710	2,629
Import by Private/Joint Venture Companies	—	—	—	—	—
Total	48,938	52,882	56,779	57,745	59,603

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Source i) Ministry of Petroleum & Natural Gas.

Table 8.10 Power and Energy
Coal and Lignite—Physical and Financial Performance

A Production	(Million Tonnes)						
	1986-87 Actual	1987-88 Actual	1988-89 Actual	1989-90 Actual	1990-91 Actual	1991-92 Actual	1992-93 Actual
Coal	165.69	179.85	194.38	200.91	211.61	229.35	238.49
Lignite	7.21	11.27	12.59	12.36	14.07	15.99	16.62

(Rs. Crores)

B Financial	Sixth Plan		Seventh Plan	
	1980-85 Actual	1985-90 Actual	1990-91 Actual	1991-92 Actual
Coal & Lignite	3,839.20	7,159.16	1,984.78	1,709.60
Neyveli Lignite Corporation Power	387.62	1,080.16	353.47	218.17
Voluntary Retirement Scheme North Eastern Component				
Grand Total	4,226.82	8,239.32	2,338.25	1,927.77

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Power and Energy Table 8.9

1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000 Anticipated
10,310	10,570	11,637	13,144	14,384	15,742	17,957	20,121
36,152	38,146	40,976	45,459	48,544	49,716	51,686	54,573
12,440	12,096	12,873	13,915	14,296	14,381	15,123	15,958
2,753	2,836	3,137	included above	included above	included above	included above	included above
—	—	—	3,238	1,944	4,453	5,796	5,796
61,655	63,648	68,623	75,756	79,168	84,290	84,292	96,448

◀ continued from previous page

Power and Energy Table 8.9

1993-94 Actual	1994-95 Actual	1995-96 Actual	1996-97 Actual	1997-98 Actual	1998-99 Actual	1999-00 Provisional	2000-01 Target
248.68	257.77	273.42	286.08	297.17	292.19	298.98	308.07
18.10	19.31	22.15	22.64	23.05	23.07	21.95	22.50

Eighth Plan				Ninth Plan			
1992-97 Actual	1997-02 Outlay As per Mid- Term Appraisal	1997-98 Actual	1998-99 Provisional	1999-00 Budget Estimate	Revised Estimate	2000-01 Budget Estimate	
1,0714.22	16,571.55	2,212.67	2,534.84	3,441.71	3,518.05	3,821.86	
429.48	1,713.00	37.00	123.94	296.64	260.56	558.65	
	859.19	75.33	151.03	160.00	165.00	180.00	
					0	87.30	
11,143.7	19,143.74	2,325.00	2,809.81	3,898.35	3,943.61	4,647.81	

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**Infra-
structure**

	Table Title	Page No.
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The Chapter includes information on Roads and Road Transport, Civil Aviation, Railways, Shipping and Ports. The table on profile of the Transport Sector summarises information on each of these components of the Transport Sector over the last five decades. Separate tables for each give more specific details. The plan outlays and expenditure for Centre and States have been compiled for each of the five-year plans. In addition, State-wise performance, in terms of various aspects, of State Road Transport Undertakings is also presented.

Shipping Cargo Handled at Major Ports in India (Overseas and Coastal)

('000 Tonnes)

Item	1950-51	1965-66	1970-71	1975-76	1980-81	1985-86	1990-91	1995-96	1996-97
Unloaded									
Calcutta / Haldia	3,090	5,284	3,247	4,479	6,988	8,657	10,416	15,115	16,228
Bombay	5,268	12,976	10,973	12,654	13,209	11,947	13,719	17,320	18,310
Madras	1,956	3,299	3,737	5,087	6,412	11,107	15,000	20,433	21,933
Vishakhapatnam	68	1,893	2,325	2,876	3,999	8,941	10,322	17,611	21,214
Cochin	1,115	2,413	3,447	3,321	4,112	4,557	6,251	9,125	9,487
Kandla		2,336	1,474	2,924	8,190	15,175	17,271	25,873	29,267
Marmugao			353	675	843	1,621	1,721	2,819	1,951
Paradeep			1	189	307	957	2,839	4,200	3,859
J.L.Nehru							1,645	4,314	4,808
New Mangalore				206	639	996	1,363	1,883	4,479
Tuticorin				922	2,117	4,016	4,541	7,955	7,611
Total	11,497	28,201	25,557	33,333	46,816	67,974	85,088	126,648	139,207
Loaded									
Calcutta / Haldia	4,533	4,564	2,718	3,184	2,284	3,471	4,537	6,400	6,896
Bombay	1,729	5,140	3,397	3,996	3,769	12,363	15,180	16,596	15,069
Madras	253	1,573	3,188	2,796	3,963	7,041	9,518	10,288	9,915
Vishakhapatnam	892	2,565	6,408	5,672	6,124	6,970	9,099	15,206	13,284
Cochin	248	459	1,365	937	1,121	720	1,024	2,378	2,255
Kandla		169	138	279	571	1,311	2,414	4,466	4,463
Marmugao			10,652	12,093	12,921	14,494	13,190	15,276	15,361
Paradeep			2,156	3,137	1,934	2,374	4,045	7,059	7,721
J.L.Nehru							377	2,559	3,261
New Mangalore				133	324	2,690	6,659	7,001	7,974
Tuticorin				444	443	205	534	1,331	1,563
Total	7,655	14,470	30,022	32,671	33,454	51,639	66,577	88,560	87,762
Grand Total	19,152	24,671	55,579	66,004	80,270	119,613	151,665	215,208	226,969

Note i) Figures related to financial year 1st April to 31st March.

Source i) Basic Port Statistics of India 1997-98 (Ministry of Surface Transport).

Table 9.2 **Transport****Railways**

Item (Unit)	1950-51	1960-61
Route Kms (Km)	53,596.00	56,247.00
Goods Originating (Million tonne)	93.00	156.20
Net Tonnes Kms (Millions)	44,117.00	87,680.00
Passenger Originating (Millions)	1,284.00	1,594.00
Passenger Kms (Millions)	66,517.00	77,665.00
Total no. of Locomotives in Service* (Nos)	8,209.00	10,624.00
Total no. of Coaches in Service (Nos)	19,628.00	28,439.00
Total no. of Wagons in Service (Nos)	205,596.00	307,907.00
Gross Earnings (Million Rs)	2,630.10	4,568.00
Passenger Earnings (Million Rs)	982.00	1,316.60
Electrification (Route Kms)	388.00	748.00

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Note i) *: Includes Railcars, Luggage cars, Mail vans etc.

Source i) Annual Report and Accounts, 1997-98, Indian Railways.

1970-71	1980-81	1985-86	1986-87	1990-91	1995-96	1996-97	1997-98
59,790.00	61,240.00	61,836.00	61,813.00	62,367.00	62,915.00	62,725.00	62,495.00
196.50	220.00	286.40	307.30	341.40	405.50	423.40	445.50
127,358.00	158,474.00	205,904.00	223,092.00	242,699.00	273,516.00	279,992.00	286,771.00
2,431.00	3,613.00	3,433.00	3,580.00	3,858.00	4,018.00	4,153.00	4,348.00
118,120.00	208,558.00	240,614.00	256,468.00	295,644.00	341,999.00	357,013.00	379,897.00
11,158.00	10,908.00	9,919.00	9,498.00	8,417.00	6,909.00	6,975.00	7,206.00
35,145.00	38,333.00	38,277.00	37,997.00	38,511.00	38,881.00	39,308.00	40,030.00
383,990.00	400,946.00	359,617.00	354,018.00	346,102.00	280,791.00	272,144.00	263,981.00
10,067.00	26,240.20	64,281.00	75,056.60	124,515.50	228,138.40	248,013.10	291,342.30
2,955.00	82,747.70	17,194.00	19,397.60	31,447.00	61,130.00	66,161.00	75,540.00
3,706.00	5,345.00	6,517.00	7,275.00	9,968.00	12,306.00	13,018.00	13,490.00

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Share of Infrastructure Investment in Transport as Percentage of Gross Domestic Product (At Current Prices)

Year	Gross Domestic Product at Factor Cost	Gross Capital Formation in Transport	Percentage by Transport
1980-81	1,30,807	3,822	2.92
1981-82	1,52,951	4,077	2.67
1982-83	1,70,129	2,958	1.74
1983-84	1,98,822	3,326	1.67
1984-85	2,24,073	4,845	2.16
1985-86	2,51,814	6,301	2.50
1986-87	2,80,661	6,999	2.49
1987-88	3,17,067	6,752	2.13
1988-89	3,80,421	9,626	2.53
1989-90	4,39,581	12,176	2.77
1990-91	5,11,052	12,215	2.39
1991-92	5,89,267	11,260	1.91
1992-93	6,72,241	14,376	2.14
1993-94	7,81,345	16,884	2.16
1994-95	9,14,194	22,030	2.41
1995-96	10,67,220	24,627	2.31
1996-97	12,37,290	25,894	2.09
1997-98	13,84,446	22,121	1.60
1998-99	16,12,383	21,872	1.36

Source i) National Accounts Statistics, CSO-2000.

Table 9.4 **Transport****Roads and Road Transport**

Chart 9.1 on page 111

Item	Unit	1950-51	1960-61	1965-66	1970-71
Road Length	Km.	399,942	524,478	770,151	917,880
Surfaced Roads	Km.	157,019	263,015	343,260	397,000
Cement Concrete	Km.	1,730	5,417	5,783	—
Bituminous	Km.	20,669	98,254	144,281	—
Water Bound Macadam	Km.	134,620	127,481	129,644	—
Unsurfaced roads	Km.	242,923	261,463	426,891	520,000
Expenditure on Roads	Rs. Crores	34.47	109.76	179.66	119.63
Annual Revenue from Road Transport	Rs. Crores	47.37	166.94	399.04	683.20
a) Centre	Rs. Crores	34.82	111.70	272.31	451.80
b) States	Rs. Crores	12.55	55.24	126.73	231.40
Registration of Motor Vehicles by Type (Total)	(In '000)	306,313.00	664,415.00	1,099,043.00	1,865,315.00
Motor Cycles and Two Wheelers	(In '000)	26,860.00	88,360.00	225,631.00	575,893.00
Passenger Cars and Jeeps	(In '000)	147,712.00	287,913.00	4200,963.00	682,505.00
Taxis	(In '000)	11,551.00	21,663.00	35,725.00	—
Buses	(In '000)	34,411.00	56,792.00	73,175.00	93,907.00
Trucks	(In '000)	81,888.00	167,649.00	258,977.00	342,577.00
Others	(In '000)	3,891.00	40,298.00	85,439.00	170,433.00

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Note i) *: Including Roads under Jawahar Rozgar Yojna.

ii) **: Includes in Cars & Jeeps.

iii) @: Includes in Black Tar.

iv) (AE): Anticipated Expenditure.

Source i) Basic Road Statistics & Motor Transport Statistics of India, 1997. (MOST).

1975-76	1980-81	1985-86	1990-91	1995-96	1996-97	1997-98	1998-99
1367,366	1491,301	1851,740	*2331,086	*3283,072	2465,877		
538,275	692,171	740,696	1091,043	1477,458	1394,061		
—	—	—	—	@	9,099		
—	—	—	—	801,878	844,872		
—	—	—	—	675,580	540,090		
829,091	799,130	1111,044	—	1805,614	1071,816		
199.62	516.05	1007.04	1,731.00	3,617.85	(AE)4,411.69	(AE)5686.76	(AE)7783.43
1,412.71	2173.41	4013.90	7,631.20	13,866.70	1,7168.90		
950.50	1423.010	2460.70	4,596.00	8,032.70	1,0620.60		
402.21	750.40	1553.20	3,035.20	5,834.00	6,548.30		
2,699,598.00	5,171,948.00	10,577.00	21,374.00	33,782.72	37,231.53		
1,057,240.00	2,527,736.00	6,245.00	14,200.00	23,252.29	25,693.21		
77,912.00	1,116,626.00	1,780.00	2,954.00	3,822.64	4,246.18		
—	—	**	**	381.01	415.74		
114,934.00	153,383.00	227.00	331.00	448.41	488.17		
350,393.00	526,765.00	863.00	1,356.00	1,681.31	1,805.19		
397,919.00	847,438.00	1,462.00	2,533.00	4,197.06	4,583.04		

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Chart 9.1

Road Length and Revenue from Road Transport

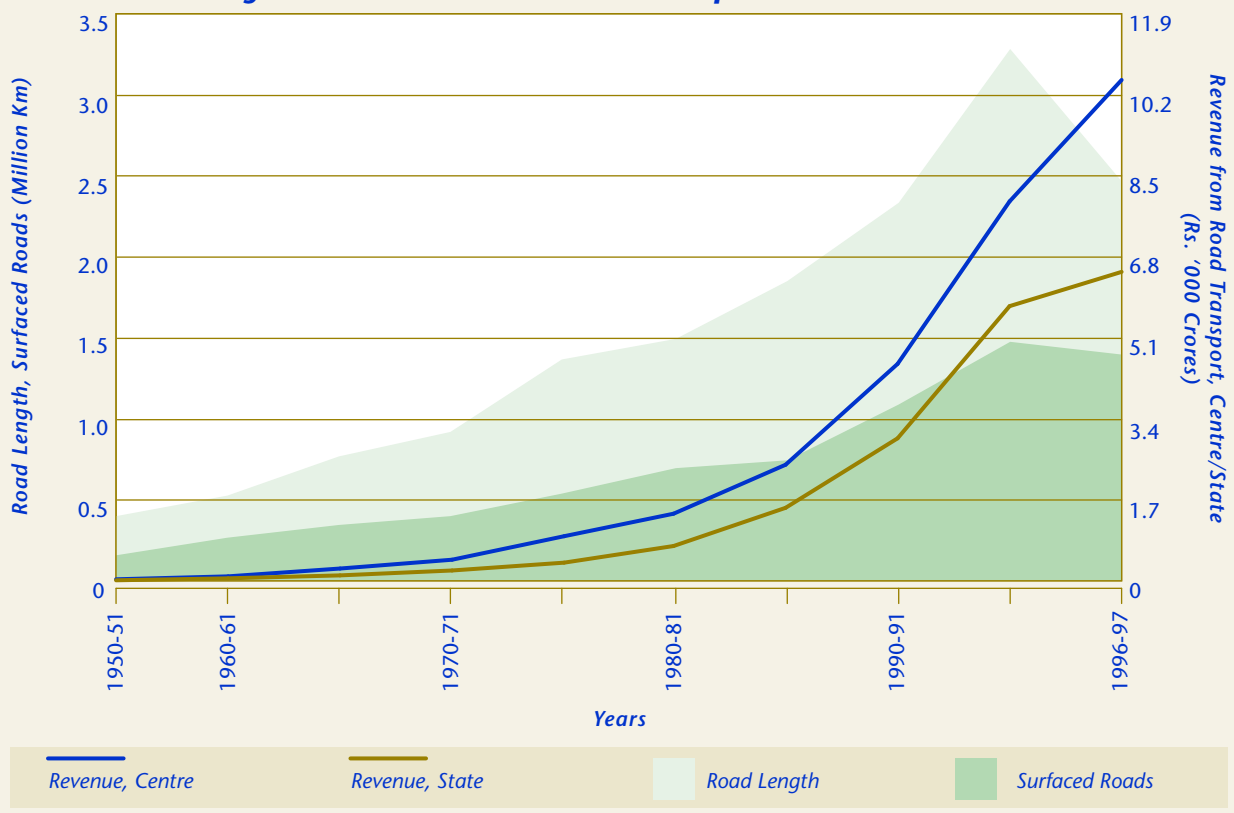


Chart for Table 8.4

Table 9.5 **Transport****Civil Aviation**

Chart 9.2 on page 113

Item	Unit	1950	1965	1973
Aerodromes (Maintained by Civil Aviation Department) (S)		72	82	+84
International Services				
Passengers Carried	'000	150.00	279.00	736.00
Freight Tonnes Carried	'000	2.70	8.90	26.30
Mail Tonnes Carried	'000	0.50	1.30	1.70
Capacity Available Tonne-Kilometres Performed	million	31.90	322.20	801.10
Passengers-Kilometres Performed	million	149.00	1123.00	3180.00
Freight-tonne-Kilometres Performed	million	4.00	47.00	154.00
Mail-tonne-Kilometres Performed	lakhs	13.44	75.80	93.22
Domestic Services				
Passengers Carried	'000	303.00	1135.00	2636.0
Freight Tonnes Carried	'000	33.60	17.40	22.30
Mail Tonnes Carried	'000	3.30	9.30	12.00
Capacity Available Tonne-Kilometre	million	53.50	143.40	280.10
Passenger-Kilometres Performed	million	227.00	935.00	1991.00
Freight-Tonne-Kilometres Performed	million	14.00	12.00	20.00
Mail-Tonne-Kilometres Performed	lakhs	29.00	94.00	108.00

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Note i) Figures relate to calendar year.

ii) (S): As on 31 December of the year.

iii) +: Four International airports are not included as they are maintained by I.A.A.I.

Source i) Basic Statistics Relating to Indian Economy-1987 & Statistical Abstract of India 1998-CSO.

1977	1984	1985	1986	1991	1996	1997	1998
+85	+85	85	85	120	123	123	123
1,216.00	2,224.00	2,207.00	2,309.00	2,430.00	3,094.00	3,296.00	3,436.00
42.40	92.50	80.90	86.40	99.00	101.00	93.00	91.00
3.40	4.30	3.40	2.20	2.00	2.00	1.00	1.00
1,169.00	2,014.40	1,857.80	1,923.60	2,249.70	2,610.40	2,452.10	2,286.60
5,168.00	8,618.00	7,928.00	7,962.00	8,114.00	11,264.00	11,325.00	11,631.00
248.00	482.00	416.00	447.00	553.00	533.00	421.00	407.00
149.42	180.86	149.98	100.85	107.00	99.00	69.00	71.00
3,927.00	7,908.00	8,617.00	9,176.00	7,912.00	10,356.00	12,317.00	11,547.00
33.30	96.90	97.10	90.10	82.00	95.00	103.00	107.00
12.90	18.20	18.10	18.00	15.00	18.00	17.00	18.00
444.90	879.00	960.40	1,031.50	927.00	1,046.00	1,075.00	1,094.00
3,111.00	6,131.00	6,835.00	7,463.00	5,802.00	7,795.00	9,300.00	8,964.00
31.00	95.00	98.00	91.00	88.00	96.00	106.00	113.00
127.00	171.00	181.00	175.00	161.00	198.00	195.00	196.00

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Chart 9.2

Civil Aviation

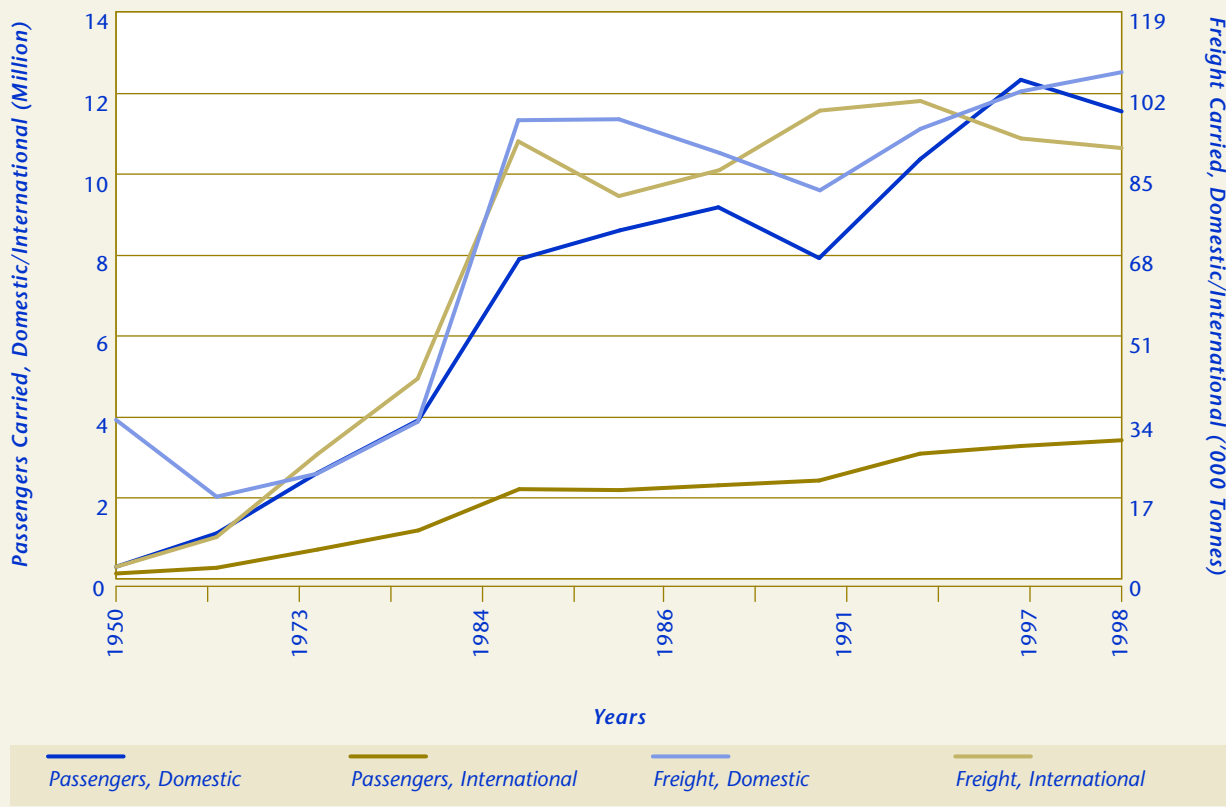


Chart for Table 9.5

Table 9.6 **Transport****Profile of Transport Sector**

Item	1950-51	1960-61	1970-71
Railways			
Route Length Kms.	53,596	56,247	59,790
Electrified Route Length Kms	388	748	3,706
Throughput			
Freight Traffic (Total) M. Tonnes	93.00	156.20	196.50
Net Tonne (Kms.) B.T. Kms.	44.12	87.68	127.36
Passengers Originating	1,284	1,594	2,431
Passenger Kms. Million	66,517	77,665	118,120
Roads			
Total Length 000 Kms	400	525	915
of Which National Highways 000 Kms	22	24	24
Percentage of Village with Percent 1000+ population connected with all Weather Roads	NA	NA	NA
Surfaced Length 000 Kms.	156	234	398
Road Transport			
No. of Goods Vehicles In '000	82	168	343
No. of Passenger Buses In '000	34	57	94
Major Ports			
No. of Major Ports	5	9	10
Traffic Handled M. Tonnes	19.38	33.12	55.58
Minor Ports			
Traffic Handled M. Tonnes	N.A.	N.A.	6.69
Civil Aviation			
Indian Airlines			
Available Tonne Kms. Million	N.A.	113	208
Revenue Tonne Kms. Million	N.A.	83	161
Air India			
Available Tonne Kms. Million	N.A.	N.A.	515
Revenue Tonne Kms. Million	N.A.	N.A.	275
No. of Airports and Civil Numbers Enclaves under AAI	N.A.	N.A.	N.A.
Inland Water Transport			
Length of Navigable Waterways Kms	14,544	14,544	14,544

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Note i) @: 1991 census.

ii) *: Target.

iii) RE: Revised Estimates.

1980-81	1990-91	1991-92	1995-96	1996-97	1997-98	1998-99	1999-2000
							(RE)
61,240	62,367	62,458	6,2915	62,725	62,495	62,809	—
5,345	9,968	10,653	1,2306	13,018	13,962	14,579	—
220.00	341.40	360.00	405.50	409.02	429.38	420.92	45.00
158.47	242.70	256.90	273.52	279.99	284.24	281.51	301.51
3,613	3,858	4,049	4,018	4,153	4,348	4,411	4,630
208,558	295,644	314,564	341,999	357,013	379,897	403,884	428,735
1,485	2,002	2,021	2,367	2,466	—	—	—
32.00	33.70	33.70	34.50	34.60	—	—	—
29.00	45.80	46.0	NA	76.60@	—	—	—
684	1,091	1,137	1,477	1,393	—	—	—
554	1,356	1,514	2,031	2,260	—	—	—
162	331	358	449	488	—	—	—
10	11	11	11	11	—	—	—
80.27	151.67	156.64	215.34	227.26	251.66	251.72	*258
6.73	11.27	13.33	24.36	24.93	38.61	35.61	N.A.
663	927	1,090	1,046	1,075	1,094	1,123	(RE)1,121
420	699	761	723	698	701	709	(RE)718
1,623	2,260	1,973	2,610	2,452	2,294	2,394	(RE)2,233
980	1,381	1,149	1,619	1,485	1,454	1,474	(RE)1,411
84	117	117	120	120	120	120	120
14,544	14,544	14,544	14,544	14,544	14,646	14,646	14,646

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Table 9.7 **Transport**
Plan Outlay and Expenditure for Centre and States

Sector	First Plan (1951-56)		Second Plan (1956-61)		Third Plan (1961-66)	
	Outlay	Expenditure	Outlay	Expenditure	Outlay	Expenditure
Railways	267	217	900	723	890	1,326
Roads	135)	147)	263)	242)	297	440
Road Transport	12))))	27	92
Ports	37	28	45	33)	153	93
Shipping	26	19	48	53)	40	141
Inland Water Transport)	4	12
Lighthouses and Lightships)	4	7
Civil Aviation	29	23	43	49	55	49
Other Transport	0	0	0	0	0	0
Total Transport Sector	506	434	1,299	1,100	1,395	1,983
Total Public Sector	2,069	1,960	4,800	4,672	7,500	8,577
Transport Sector as % to Public Sector	24.5	22.1	27.1	23.5	18.6	23.1

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Note i) *: Included under Ports Sector.

ii) @: Anticipated.

iii) Excluding J&K as the outlay has not been finalised.

Table 9.8 **Transport**
Transport Traffic—Rail, Road and Port

Year	Passenger Traffic (Billion)			Rail 's Share
	Rail	Road	Total	
1951	67	31	98	68.37
1955	62	43	105	59.05
1960	74	71	145	51.03
1965	93	117	210	44.29
1970	113	189	302	37.42
1975	126	293	419	30.07
1980	199	421	620	32.10
1984	223	674	897	24.86
1990	295	1,180	1,475	20.00
1995	334	1,314	1,648	20.27
1999	NA	NA	NA	NA

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Transport Table 9.7

Fourth Plan (1969-74)		Fifth Plan (1974-79)		Sixth Plan (1980-85)		Seventh Plan (1985-90)		Eighth Plan (1992-97)		Ninth Plan (1997-02)
Outlay	Expenditure	Outlay	Expenditure	Outlay	Expenditure	Outlay	Expenditure	Outlay	Expenditure	Outlay
1,050	934	2,202	2,063	5,100	6,585	12,334	16,549	27,202	32,302	45,413
871	862	1,353	1,701	3,439	3,887	5,200	6,335	12,833	16,095	38,648
128	461	503	1,196	1,276	1,990	1,990	2,151	4,119	3,538	7,381
195	249	571	488	647	725	1,230	1,513	3,557	2,302	9,942
155	450	469	755	468	827	827	720	3,669	3,033	6,305
11	32	16	72	63	226	226	188	331	152	527
6	14	9	12	*	30	30	*	57	25	123
203	177	337	294	859	957	758	1948	4,083	7,249	11,369
0	0	0	0	0	0	0	0	0	0	0
2,571	2,522	5,420	5,543	12,080	13,961	22,644	29,476	56,090	64,940	@120,249
15,902	15,779	39,322	39,426	97,500	109,291	180,000	218,729	434,100	533,252	859,200
16.2	16.2	13.8	14.1	12.4						

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Transport Table 9.8

Freight Traffic (Billion)			Rail 's Share	Port Traffic (Major+Minor)			
Rail	Road	Total		MT	Major	Minor	
44	6	50	88.00	19.38	19.38		
52	8	60	86.67	22.96	22.96		
82	15	97	84.54	38.62	33.12	5.50	
107	31	138	77.54	57.81	50.21	7.60	
128	52	180	71.11	62.27	55.58	6.69	
134	56	190	70.53	72.51	66.01	6.50	
156	84	240	65.00	87.00	80.27	6.73	
178	145	323	55.11	128.62	119.61	9.01	
236	354	590	55.11	162.94	151.67	11.27	
271	398	677.5	40.00	239.70	215.34	24.36	
NA	NA	NA	NA	287.33	251.72	35.61	

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Infra-
structure

Table 9.9 **Transport****Net Profit/Commercial Profit in State Road Transport Undertakings**

State Road Transport Undertaking	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
Andhra Pradesh	-26.53	6.25	12.70	45.07	6.32	
Arunachal Pradesh	-1.99	-3.78	-4.67	-6.93	-6.83	-8.81
Assam	-23.15	-27.65	-17.72	-20.94	-21.98	-22.43
Bihar	-14.59	-29.77	-29.83	-38.38	-33.94	-25.30
D.T.C.(Delhi)	—	—	—	—	—	-174.18
Goa (Kadamba)	-0.81	-2.25	-3.96	-4.36	-4.21	-2.50
Gujarat	3.93	-27.40	-77.64	-28.88	-72.74	-210.72
Haryana	9.68	5.66	-3.12	-29.56	-31.50	-45.96
Himachal Pradesh	-11.30	-6.59	-15.67	-10.08	-21.92	-10.96
Jammu & Kashmir	-24.68	-20.69	-19.94	-23.43	-27.1	-29.61
Karnataka						
KSRTC	-61.29	-92.73	-69.65	-48.00	-94.05	-54.55
NWKRTC	0					
BMTc	-7.82					
Kerala	-28.27	-22.70	0.19	-16.52	-27.85	-51.00
Madhya Pradesh	0.22	-23.54	-36.13	-51.23	-69.35	-66.37
Maharashtra	4.48	43.92	22.75	-3.17	-136.24	-169.64
Manipur	-2.02	-2.20	-1.71	-1.94	-1.10	-1.54
Meghalaya	-2.35	-0.28	-0.41	-2.46	-2.69	-3.34
Mizoram	-4.61	-4.80	-5.50	-6.46	-6.51	-6.46
Nagaland	-3.46	-4.88	-7.19	-8.02	-9.00	-7.94
Orissa	-8.33	-6.24	-7.84	-10.55	-14.59	-13.95
Punjab Roadways	-22.61	-9.94	-9.42	-23.51	-39.27	-53.30
PEPSU RTC	-17.09	-0.82	-2.58	-11.53	-18.00	-29.92
Rajasthan	7.81	23.80	23.39	7.85	6.79	-18.24
Sikkim	-3.52	-3.28	-5.18	-6.30	-4.91	-4.04
Tamil Nadu	-50.67	-53.25	-40.09	-201.76	-313.15	-225.92
Tripura	-3.59	-3.39	-3.47	-4.80	-5.45	-5.57
Uttar Pradesh	-22.51	-8.75	-35.62	-41.87	-48.14	-44.97
Calcutta STC	-22.05	-20.00	-19.96	-22.53	-21.85	-7.99
North Bengal STC	-10.46	-9.39	-9.72	-11.36	-22.54	-14.64
South Bengal STC	-4.68	-6.82	-7.26	-12.16	-12.9	-2.86
Total	-344.44	-311.51	-375.25	-593.81	-1,054.7	-1,370.26

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Source i) Annual Plan 2000-01 financial resources discussion held in Planning Commission during Nov/Dec 1999.

1998-99	1999-2000 Estimate	2000-01 Estimate	1992-97	1980-81	1984-85	1989-90
-98.64	-95.03	31.03	-12.24	-26.21	2.72	2.15
-10.82	-9.96	-10.66	-26.18	—	—	-0.51
-23.59	-25.13	-24.56	-111.89	-1.62	-4.31	-11.31
-39.18	-46.56	-12.19	-137.87	-5.90	-10.71	-8.87
-207.29	-204.20	-130.75	-	—	—	
-3.70	-0.85	1.98	-13.88	—	—	-0.35
-156.73	-159.82	-112.19	-340.71	-27.86	-40.55	1.66
-72.23	-107.59	-113.99	-63.3	-0.63	-1.26	2.68
-16.25	-50.10	-55.55	-54.6	-1.81	-5.58	-4.01
-34.24	-32.58	-30.82	-118.35	-0.88	-6.84	-7.52
				-10.96	-20.49	-54.00
-15.94	-17.73	2.40				
0.19	0.07	1.79				
6.59	4.10	5.39				
-70.39	-59.51	-55.11	-118.30	-7.86	-13.09	-23.15
-80.83	-57.00	-32.75	-177.05	-7.51	-12.62	-14.99
-142.06	-344.70	-353.08	-101.66	-34.07	-4.23	-49.98
-1.99	-2.57	-2.43	-9.41	-0.99	-1.32	-0.81
-2.19	-3.45	-2.66	-8.84	-0.58	-1.64	-0.83
-6.72	-8.02	-8.84	-27.83	—	—	-3.59
-8.82	-9.32	-9.21	-31.49	-0.55	-1.11	-2.47
-14.18	-16.58	-12.15	-46.91	-3.34	-10.27	-6.81
-69.80	-91.65	-89.64	-118.78	-11.42	-16.68	-21.78
-27.52	-27.41	-17.24	-61.94	-5.98	-13.17	-21.48
-37.47	-80.00	-87.00	44.61	-7.07	4.08	0.15
-3.26	-7.17	-10.08	-22.32	0.18	-0.38	-0.12
-409.90	-289.16	-134.93	-571.69	-14.58	-2.52	-14.45
-6.43	-8.25	-9.87	-20.82	-0.89	-1.77	-2.70
-17.60	-32.33	-91.36	-153.72	-8.54	-15.66	-17.57
-4.45	-14.51	2.43	-92.53	-15.47	-25.77	-19.05
-12.81	-16.60	-5.52	-55.57	-3.89	-8.45	-0.75
-4.83	-9.42	-2.12	-33.78	-1.59	-3.06	-2.48
-1,593.08	-1,823.03	-1,369.68	-2,487.05	-199.82	-214.68	-282.94

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Table 9.10 Transport**Fleet Utilisation in State Road Transport Undertakings***(Percentage of Buses on Road)*

State Road Transport Undertaking	1980-81	1984-85	1989-90	1992-93
Andhra Pradesh	87	91	97	94
Arunachal Pradesh	—	—	81	84
Assam	70	67	75	60
Bihar	68	55	50	36
D.T.C.(Delhi)	—	—	—	0
Goa (Kadamba)	—	—	89	83
Gujarat	80	80	87	83
Haryana	95	95	95	95
Himachal Pradesh	95	93	94	95
Jammu & Kashmir	68	85	55	41
Karnataka	77	86	89	
KSRTC				88
NWKRTC				0
BMTc				0
Kerala	76	76	84	82
Madhya Pradesh	84	84	88	79
Maharashtra	87	87	87	88
Manipur	48	24	68	39
Meghalaya	64	80	82	52
Mizoram	—	—	42	39
Nagaland	61	68	63	55
Orissa	84	80	81	78
Punjab Roadways	90	91	96	96
PEPSU RTC	95	90	86	92
Rajasthan	76	86	89	91
Sikkim	70	72	70	73
Tamil Nadu	89	92	93	92
Tripura	38	53	52	40
Uttar Pradesh	78	72	89	89
Calcutta STC	81	57	81	77
North Bengal STC	74	82	93	81
South Bengal STC	64	52	67	65
All India Average	83	84	89	87

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1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00 Estimate	2000-01 Estimate
96	97	97	98	98	98	98	99
83	82	84	84	72	81	72	87
60	60	60	60	65	52	56	70
33	24	18	15	9	9	11	68
0	0	0	0	86	92	87	90
78	75	71	58	56	60	73	75
85	86	87	88	87	88	88	89
95	95	95	95	96	95	95	95
96	97	97	97	97	97	97	97
35	51	55	55	50	53	60	60
88	89	90	91	93	95	95	95
0	0	0	0	94	94	95	96
0	0	0	0	92	94	95	95
79	79	80	78	80	79	80	80
80	82	75	69	83	78	81	81
89	92	92	92	92	92	93	93
33	35	19	29	25	25	20	20
48	44	44	43	42	41	42	45
40	42	44	45	47	50	54	55
50	40	30	29	29	40	52	60
76	71	59	49	43	43	50	60
96	95	93	90	91	96	92	93
92	93	92	91	93	94	95	95
89	90	90	90	89	89	90	90
74	69	70	70	75	75	75	77
92	93	93	92	92	92	93	94
50	56	37	52	33	42	64	70
89	89	85	85	87	90	89	91
76	75	77	78	75	75	75	80
80	79	72	67	67	61	66	70
53	51	54	56	59	62	65	68
87	88	88	88	89	90	90	92

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Table 9.11 **Transport****Vehicle Productivity Km per Bus per Day**

State Road Transport Undertaking	1980-81	1984-85	1989-90	1992-93
				(Kms)
Andhra Pradesh	267	268	296	288
Arunachal Pradesh	—	—	119	134
Assam	113	118	132	123
Bihar	133	102	99	70
DTC (Delhi)	—	—	—	0
Kadamba (Goa)	—	—	242	218
Gujarat	224	243	273	271
Haryana	267	277	303	301
Himachal Pradesh	185	169	170	190
Jammu & Kashmir	87	70	71	47
Karnataka	205	237	260	
KSRTC				264
NWKRTC				0
BMTc				0
Kerala	204	204	242	244
Madhya Pradesh	200	194	218	200
Maharashtra	230	210	248	248
Manipur	66	35	52	67
Meghalaya	103	100	110	83
Mizoram	—	—	41	49
Nagaland	81	89	80	79
Orissa	177	166	214	202
Punjab Roadways	206	206	251	236
PEPSU RTC	236	208	244	257
Rajasthan	204	219	252	269
Sikkim	51	73	67	65
Tamil Nadu	285	302	344	263
Tripura	55	67	76	50
Uttar Pradesh	154	130	222	213
Calcutta	127	90	126	136
North Bengal STC	143	118	242	217
South Bengal STC	146	97	117	123
All India Average	214	219	257	259

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1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000 Estimate	2000-01 Estimate
299	302	306	303	311	310	315	317
126	116	120	122	90	82	86	92
124	125	130	137	146	141	138	190
67	44	34	28	16	17	21	165
0	0	0	0	199	195	191	199
201	201	190	156	146	163	191	198
285	285	292	293	303	311	317	320
313	316	302	296	293	284	290	290
202	200	203	204	208	211	211	213
42	50	62	80	73	76	88	89
264	264	264	264	286	313	315	316
0	0	0	0	306	313	323	321
0	0	0	0	195	196	204	200
245	262	267	250	263	263	264	264
201	196	205	190	198	212	225	230
256	271	274	276	279	290	290	300
48	41	32	69	36	20	23	25
90	78	72	67	62	55	51	75
40	45	44	48	52	60	62	64
83	59	46	48	48	53	83	101
209	199	163	136	112	109	138	168
247	252	241	232	225	236	237	240
248	260	260	258	249	254	262	263
278	282	281	273	280	279	283	284
63	63	62	61	61	61	61	63
364	379	380	373	366	376	378	379
76	62	48	76	61	60	93	106
220	220	211	206	218	243	251	264
130	134	140	142	137	136	139	147
211	217	192	182	175	154	174	189
99	106	121	109	145	149	161	175
266	275	277	275	278	283	289	295

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Table 9.12 **Transport****Staff Productivity**

State Road Transport Undertaking	Revenue Earnings in Kms Per Worker Per Day			
	1980-81 Actual	1984-85 Actual	1989-90 Actual	1992-93 Actual
Andhra Pradesh	26.00	29.00	36.00	36.00
Arunachal Pradesh	—	—	22.00	24.29
Assam	15.00	14.00	18.00	17.01
Bihar	18.00	14.00	14.00	10.40
DTC (Delhi)	—	—	—	—
Kadamba (Goa)	—	—	33.00	32.00
Gujarat	29.00	37.00	41.00	40.08
Haryana	49.00	52.00	53.00	55.00
Himachal Pradesh	32.00	31.00	33.00	35.90
Jammu & Kashmir	21.00	19.00	18.00	11.60
Karnataka	31.00	38.00	39.00	
KSRTC				40.80
NWKRTC				0
BMTc				0
Kerala	22.00	21.00	26.00	28.40
Madhya Pradesh	26.00	26.00	29.00	25.00
Maharashtra	27.00	27.00	32.00	33.40
Manipur	12.00	4.00	11.00	5.60
Meghalaya	9.00	12.00	17.00	15.90
Mizoram	—	—	10.00	7.00
Nagaland	13.00	17.00	17.00	15.50
Orissa	27.00	38.00	25.00	25.00
Punjab Roadways	40.00	40.00	47.00	43.70
PEPSU RTC	38.00	35.00	44.00	47.90
Rajasthan	28.00	30.00	33.00	40.40
Sikkim	13.00	17.00	10.00	28.00
Tamil Nadu	36.00	40.00	46.00	46.60
Tripura	12.00	11.00	17.00	8.40
Uttar Pradesh	21.00	18.00	31.00	29.80
Calcutta STC	8.00	7.00	12.00	13.70
North Bengal STC	14.00	12.00	31.00	29.10
South Bengal STC	16.00	14.00	22.00	24.00
All India Average	27.00	29.00	35.00	36.30

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1993-94 Actual	1994-95 Actual	1995-96 Actual	1996-97 Actual	1997-98 Actual	1998-99 Actual	1999-2000 Estimate	2000-01 Estimate
38.00	38.00	39.00	39.00	41.00	42.00	44.00	45.00
23.60	21.30	20.61	19.14	19.98	20.90	21.50	23.60
15.00	14.00	14.00	14.00	15.00	13.00	12.00	15.00
9.70	9.90	5.40	4.39	2.60	3.30	3.10	18.60
—	—	—	—	23.35	31.00	34.40	34.40
30.00	30.00	30.00	26.00	26.00	29.00	36.00	38.00
42.56	43.20	42.40	46.15	47.07	47.30	49.10	50.10
56.69	56.90	54.10	53.30	53.70	52.90	52.40	53.10
38.43	38.70	38.80	39.13	40.00	39.70	40.00	40.60
10.48	11.60	12.57	13.51	13.82	13.20	14.80	16.50
40.88	42.80	44.00	44.00	47.00	59.00	52.40	52.50
0	0	0	0	0	80.20	85.80	90.00
0	0	0	0	0	31.40	34.40	35.80
29.90	32.60	35.70	33.50	37.60	40.60	40.40	40.10
24.20	23.00	24.00	22.32	20.80	24.30	25.80	28.10
35.50	37.20	39.00	39.80	40.00	41.60	41.70	42.50
6.70	4.40	4.40	5.80	4.00	16.10	19.10	19.70
17.10	16.20	14.90	14.40	14.20	12.90	11.80	15.70
6.20	7.10	6.50	6.610	6.00	5.90	6.20	6.80
15.80	12.10	8.70	7.80	8.60	8.60	11.10	12.70
28.00	24.00	22.00	18.00	15.00	15.00	17.00	18.00
46.00	47.60	46.10	42.60	44.60	46.40	45.80	45.50
45.40	48.40	49.20	48.90	50.00	52.50	50.50	56.70
44.10	48.10	52.40	51.14	54.39	54.40	53.60	54.10
28.00	20.20	20.20	20.20	20.10	22.30	21.40	21.10
47.00	19.50	51.60	49.53	50.28	50.80	49.90	49.20
7.60	6.90	5.330	7.16	6.08	7.20	7.20	8.90
31.20	31.20	31.90	31.07	34.21	37.90	40.00	42.50
13.10	13.70	15.30	15.55	15.50	14.70	16.90	18.60
29.20	29.70	26.20	25.50	42.60	22.30	25.70	28.70
19.20	20.40	21.20	20.73	27.92	28.20	30.40	33.20
37.60	39.10	40.50	40.20	40.90	42.60	43.90	45.00

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Table 9.13 **Transport****Fuel Efficiency in State Road Transport Undertakings**

(Kilometres per Litre)

State Road Transport Undertaking	1980-81	1984-85	1989-90	1992-93
Andhra Pradesh	4.09	4.58	4.94	4.99
Arunachal Pradesh	—	—	3.70	3.70
Assam	4.24	3.76	4.00	4.00
Bihar	4.00	3.69	3.83	3.88
DTC (Delhi)	—	—	—	0
Kadamba (Goa)	—	—	3.78	3.88
Gujarat	4.66	4.86	4.95	4.99
Haryana	4.10	4.13	4.21	4.40
Himachal Pradesh	3.20	3.30	3.20	3.34
Jammu & Kashmir	3.50	3.50	3.50	3.50
Karnataka				
KSRTC	3.94	3.93	4.35	4.49
NWKRTC				0
BMTc				0
Kerala	3.70	3.70	3.65	3.70
Madhya Pradesh	4.15	4.18	4.18	4.23
Maharashtra	4.10	4.26	4.35	4.59
Manipur	3.30	3.50	3.46	3.45
Meghalaya	3.45	3.20	3.30	3.28
Mizoram	—	—	3.00	3.20
Nagaland	3.65	3.75	3.77	3.80
Orissa	3.90	3.80	4.19	4.12
Punjab Roadways	3.70	3.96	4.96	3.98
PEPSU RTC	3.70	3.91	4.03	4.19
Rajasthan	4.27	4.48	4.62	4.79
Sikkim	2.40	3.50	3.00	3.24
Tamil Nadu	3.76	3.93	4.08	4.28
Tripura	3.20	3.04	3.25	3.05
Uttar Pradesh	4.12	4.16	4.50	4.50
Calcutta STc	2.50	2.53	3.01	3.41
North Bengal STc	3.50	3.50	4.03	3.79
South Bengal STc	3.37	3.50	3.20	3.69
All India Average	4.10	4.19	4.35	4.48

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1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000 Estimate	2000-01 Estimate
5.01	4.98	4.98	5.02	5.05	5.08	5.05	5.07
3.62	2.36	3.19	3.70	3.55	3.55	3.65	3.68
4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
3.91	3.93	3.78	3.89	3.78	3.79	3.88	3.95
0	0	0	0	3.73	3.73	3.75	3.85
3.81	3.80	3.72	3.71	3.94	4.11	4.15	4.18
5.01	4.84	4.84	4.96	5.01	4.99	5.03	5.05
4.41	4.41	4.41	4.42	4.42	4.44	4.44	4.44
3.39	3.39	3.40	3.40	3.42	3.42	3.43	3.43
3.50	3.50	3.58	3.67	3.61	3.62	3.70	3.75
4.48	4.47	4.48	4.47	4.55	4.73	4.70	4.75
0	0	0	0	0	4.93	4.90	4.95
0	0	0	0	0	4.11	4.25	4.28
3.70	3.80	3.80	3.84	3.85	3.89	3.90	3.92
4.19	4.17	4.24	4.00	4.01	4.10	4.10	4.15
4.62	4.61	4.62	4.63	4.64	4.64	4.64	4.65
3.43	4.41	3.42	3.47	3.45	4.33	3.33	3.40
3.32	3.30	3.27	3.25	3.23	3.20	3.27	3.30
3.00	3.10	3.00	3.00	3.00	3.00	3.15	3.25
3.80	3.70	3.60	3.50	3.50	3.50	3.50	3.70
4.10	4.00	4.00	3.98	3.98	4.00	4.10	4.20
4.03	4.09	4.10	4.12	4.16	4.23	4.23	4.23
4.21	4.25	4.26	4.25	4.25	4.30	4.32	4.32
4.75	4.75	4.80	4.77	4.70	4.80	4.78	4.80
3.20	3.20	3.23	3.24	3.23	3.25	3.25	3.25
4.23	4.21	4.23	4.20	4.21	4.23	4.25	4.27
3.31	3.35	3.50	3.50	3.50	3.68	3.00	3.00
4.56	4.51	4.51	4.53	4.56	4.60	4.69	4.74
3.42	3.40	3.40	3.45	3.12	3.20	3.35	3.50
3.80	3.83	3.85	3.87	3.81	3.80	3.85	3.90
3.20	3.40	3.44	3.51	3.45	3.60	3.65	3.70
4.48	4.46	4.48	4.49	4.49	4.51	4.53	4.56

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Chapter 10 Telecommunications and Broadcasting

	Table Title	Page No.
10.1	Plan Expenditure of Telecommunications and Information & Broadcasting	129
10.2	Physical Performance in Telecommunications	130
10.3	Physical Performance of Posts	131
10.4	Coverage of Radio and Television	132

The tables in this Chapter present plan expenditure on Telecommunications and Information and Broadcasting, as well as the physical achievements over the successive plans. There has been a significant increase in the plan outlays in this Sector in the eighties and nineties, resulting in considerable capacity additions, particularly in its Telecommunication and Broadcasting components.

Telecommunications and Broadcasting Table 10.1**Plan Expenditure of Telecommunications and Information & Broadcasting**

(Rs. Crores)

Plan	Telecommunications	Broadcasting
First Plan (1951-56)	41.00	4.94
Second Plan (1956-61)	63.00	9.00
Third Plan (1961-66)	117.00	8.00
Annual Plans (1966-69)	124.00	11.00
Fourth Plan (1969-74)	40.00	520.00
Fifth Plan (1974-79)	1,266.61	94.38
Sixth Plan (1980-85)	2,810.00	244.99
Seventh Plan (1985-90)	4,530.00	1,569.41
Eighth Plan (1992-97)	27,766.99	3,634.00
Ninth Plan (1997-2002)	46,949.29	2,843.05

Table 10.2 Telecommunications and Broadcasting**Physical Performance of Telecommunications**

Item	Unit	1948*	1958*	1968*	1978*	1988*	1998*	2000*
Telephone Exchange	Nos	321	1,099	3,161	6,238	12,960	23,406	25,813
Equipped Capacity	Lakh Lines	1.00	2.56	9.40	20.17	43.29	212.60	288.20
Direct Exchange Lines	Lakh Lines	0.86	213.00	7.44	1,727.00	38.00	178.02	237.94
Telephone Stations	Nos(Lakh)	1.68	3.35	10.17	22.47	47.56	186.19	247.23
Public Call Offices(PCOs)	Nos	—	2,126	5,679	10,000	50,700	427,940	602,607
Long Distance Public Telephones	Nos	338	800	2,708	8,883	26,600	303,582	349,931
Trunk Automatic Exchange(TAX)	Nos	—	—	1	17	46	379	384
Point to Point Subscriber Trunk Dialling(STD) routes	Nos	—	—	16	114	256	—	—
Station Connected on National Subscriber Dialling (NSD) Network	Nos	—	—	—	88	497	16,019	19,643
Effective Trunk Calls	Lakh Nos.	40.00	231.00	629.60	1,550.00	2,091.00	528.70	281.02
Telex Exchanges	Nos	—	—	24	101	247	334	311
Telex Capacity(Lines)	Nos	—	—	3,800	19,900	46,466	60,456	59,468
Telex Connections(Nos)	Nos	—	—	2,270	14,600	37,321	25,137	15,410
Public Telegraph Offices	Nos	3,326	10,723	13,539	25,053	37,797	45,708	44,222
Radio Relay System (M/W&Ultra High Frequency(UHF)	Route Nos	—	—	2,140	13,410	40,311	135,264	154,067
Coaxial Cable System	Route Nos	—	—	4,877	13,758	22,385	30,968	30,968
Satellite Stations	Nos	—	—	—	—	#75	241	371
Optical Fibre	Route Kms	—	—	—	—	—	76,261	122,124

Note i) *: As on 1st April of the Year.

ii) #: Includes 13 mobile stations.

Source i) Department of Telecommunications.

Telecommunications and Broadcasting Table 10.3**Physical Performance of Posts**

Status	1951	1961	1971	1981	1991	2000
Post Office	36,234	76,839	109,059	138,224	148,719	154,551
Rural	30,810	69,513	98,835	124,689	132,646	138,149
Urban	5,424	7,326	10,224	13,535	16,073	16,402
Night			11	176	165	138
Computerised Post Offices						1,500
Computerised Registration Centres						56
Computerised TMOs						20
Computerised SBs in Pos (Centres)						371
Speed Post Centres						100
Countries Connected by Speed Post						97
ESMos						800
VSATs						77
Mail Route ('000 km)	272	547	704	1258	1494	2,730
Saving Ac. (Rs crores)	185.60	434.06	1,177.05	5,813.76	16,788.75	60,638.50
NSC (Rs. crores)		45.69	88.85	153.32	3,332.00	122,247.00

Source i) Department of Post.

Table 10.4 Telecommunications and Broadcasting**Coverage of Radio and Television**

Year	No. of Radio Station	No. of TV Relay Centre	No. of Radio Licenses Issued	No. of TV Licenses Issued	Estimated Coverage of Population by TV (in %)	Estimated Coverage of Population by Radio on (MW) (% of Total Population)
1961	30	1	1,089,816	—	—	55.00
1971	67	1	5,399,918	44,855	—	—
1980	84	18	178,685,506	1,547,918	25.00	89.40
1981	85	19	10,178,552	1,672,627	25.70	89.55
1985	88	175		6,750,000	56.20	90.27
1986	93	185		9,000,000	66.70	90.27
1987	94	224		13,256,000	70.30	93.40
1988	95	274		*	72.00	—
1989	97	335			73.90	94.91
1990	100	519			76.30	94.96
1991	108	527			78.70	95.40
1992	128	531			81.00	95.90
1993	149	542			82.90	96.20
1994	171	564			84.50	97.00
1995	177	672			85.20	97.10
1996	185	743			85.80	97.30
1997	193	868			86.90	97.30
1998	195	897			87.00	97.30
1999	195	997			87.60	97.30

Note i) As on 1.8.99.

ii) *: Licensing terminated.

iii) MW: Medium Wave.

Social Sectors

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Social Sector development has always been an important goal of development planning in India. However, with the broadening in the conceptualisation of the notion of individual and social well-being in more recent decades, there has been a renewed emphasis and a clearer focus on the importance of Social Sectors in policy planning. It has made human development and improvement in quality of life as the ultimate objective of development, in general, and planning, in particular. The compilation of information in this Section brings together developments in diverse sectors, such as Education; Employment; Health and Family Welfare; Empowerment of Women and Development of Children; Empowerment of Socially Disadvantaged Groups; Social Welfare; Public Distribution System; Rural Development; and Housing, Water Supply and Sanitation. Information has been tabulated on plan allocations, physical achievements in various programmes, as also the gaps that remain in each of these sectors.

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11.7 Improvement in the Literacy Rates Among Traditional Educationally Backward States	140
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The tables in this Chapter present the plan provisioning, development of infrastructure and the outcomes thereof in terms of improvement in literacy and enrolment rates in case of the Education Sector, as also developments in Sports and Youth Affairs and Art and Culture. The information has been compiled separately for males and females, as also for rural and urban areas.

Growth of Recognised Educational Institutions Since 1951—All India

Years	Primary	Upper Primary	High/ Higher Secondary Inter/Pre-Deg./ Junior Colleges	Colleges for General Education	Colleges for Professional Education	Universities
1950-51	209,671	13,596	7,416	370	208	27
1955-56	278,135	21,730	10,838	466	218	31
1960-61	330,399	49,663	17,329	967	852	45
1965-66	391,064	75,798	27,614	1,536	770	64
1970-71	408,378	90,621	37,051	2,285	992	82
1975-76	454,270	106,571	43,054	3,667	**3,276	101
1980-81	494,503	118,555	51,573	3,421	**3,542	110
1985-86	528,872	134,846	65,837	4,067	**1,533	126
1990-91	560,935	151,456	79,796	4,862	886	184
1991-92	566,744	155,926	82,576	5,058	950	@196
1992-93	572,541	153,921	84,076	5,334	989	@207
1993-94	572,923	155,707	88,411	5,639	1,125	@213
1994-95*	581,305	163,605	92,252	6,089	1,230	@219
1995-96*	590,421	171,216	98,134	6,569	1,354	@226
1996-97*	598,354	176,772	102,183	6,759	1,770	@228
1997-98*	610,763	185,506	107,100	7,199	2,075	@229

Notes i) *: Provisional.

ii) **: Includes Institutions for Post-matric Courses.

iii) @: Includes Deemed Universities & Institutions of national importance.

Table 11.2 Education**Literacy Rates 1951-1997***Chart 11.1/11.2 on page 137*

Year	Male	Female	Persons
1951(a)			
Rural	19.02	4.87	12.10
Urban	45.06	22.33	34.59
Total*	24.95	7.93	16.67
1961(b)			
Rural	29.10	8.55	19.10
Urban	57.49	34.51	46.97
Total*	34.44	12.95	24.02
1971(c)			
Rural	33.76	13.17	23.74
Urban	16.27	42.14	52.44
Total*	39.45	18.69	29.45
1981(d) (7 year & above)			
Rural	49.69	21.77	36.09
Urban	76.83	56.37	67.34
Total *	56.50	29.85	43.67
1991(e) (7 year & above)			
Rural	57.87	30.62	44.69
Urban	81.09	64.05	73.08
Total *	64.13	39.29	52.21
1997(f) (7 year & above)			
Rural	68.00	43.00	56.00
Urban	88.00	72.00	80.00
Total *	73.00	50.00	62.00

*Source i) *: For totals: Paper 1 of 1981 provisional population totals p.43.*

ii) (a): For rural/urban: Census of India 1951, C-IV table.

iii) (b): Census of India 1961, Part II-C (I) Social and Cultural Tables.

iv) (c): Census of India 1971, Part II-C (II) Social and Cultural Tables.

v) (d): & (e): Census of India 1991, paper 2 of 1991 Vol II Excluding J&K.

vi) (f): 53rd round of NSSO Survey.

Chart 11.1

Literacy Rates—Rural/Urban

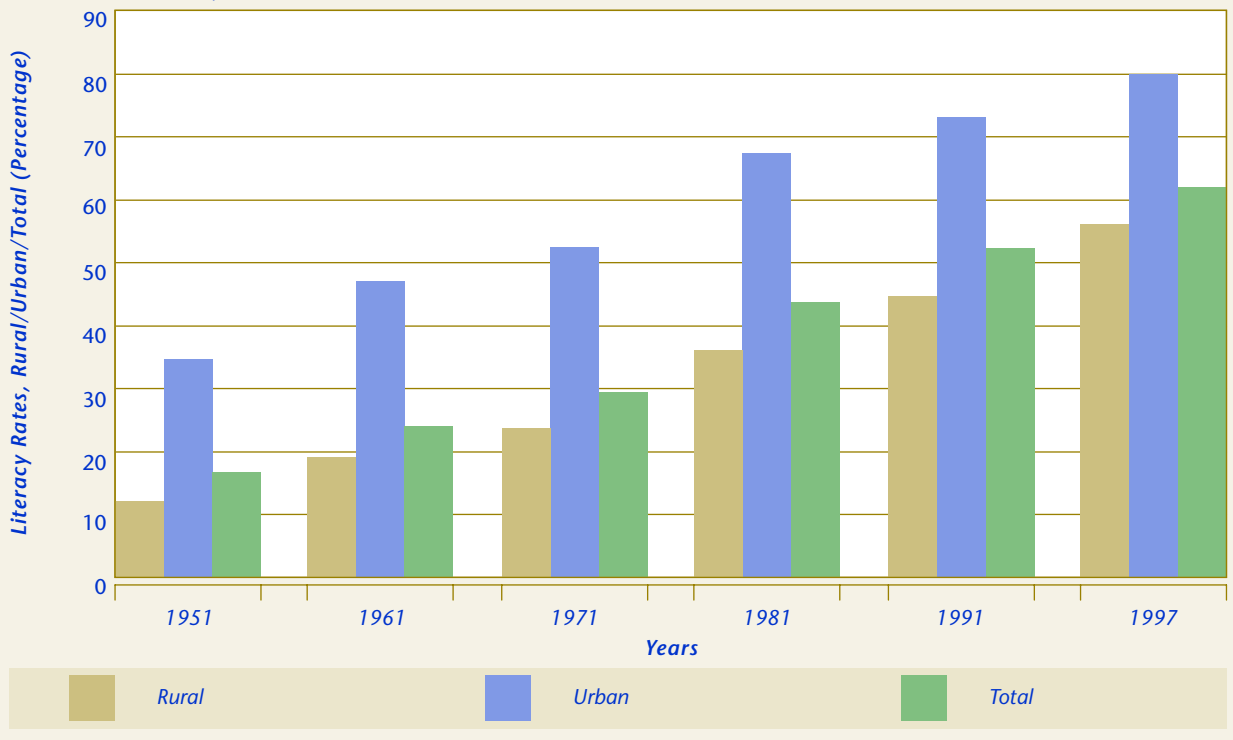


Chart for Table 11.2

Chart 11.2

Literacy Rates—Male/Female

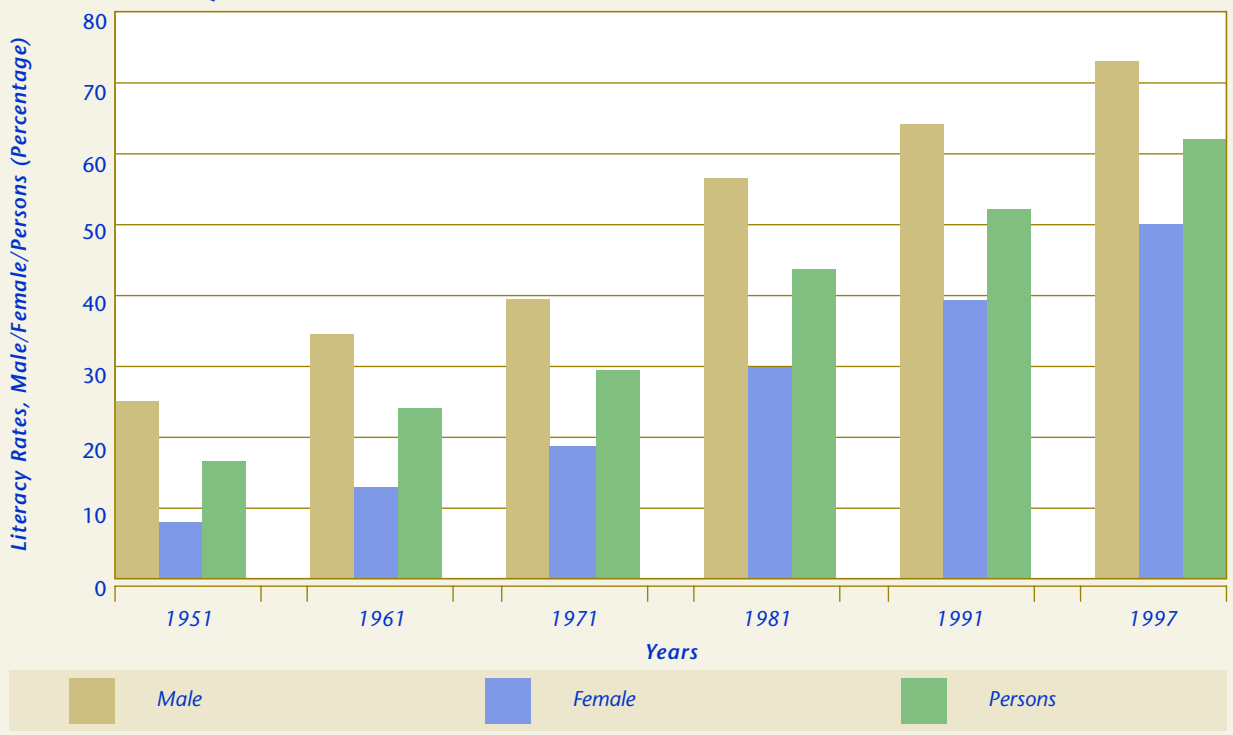


Chart for Table 11.2

Table 11.3 Education**Sex-Wise Enrolment by Stages/Classes Since 1950—School Level**

Year	Primary			Middle/ Boys	Upper Girls	Primary Total	High/Higher Secondary		
	Boys	Girls	Total				Boys	Girls	Total
1950-51	13.80	5.40	19.20	2.60	0.50	3.10	1.30	0.20	1.50
1955-56	17.10	7.50	24.60	3.80	1.00	4.80	2.20	0.40	2.60
1950-61	23.60	11.40	35.00	5.10	1.60	6.70	2.70	0.70	3.40
1965-66	32.20	18.30	50.50	7.70	2.80	10.50	4.40	1.30	5.70
1970-71	35.70	21.30	57.00	9.40	3.90	13.30	5.70	1.90	7.60
1975-86	40.60	25.00	65.60	11.00	5.00	16.00	6.50	2.40	8.90
1980-81	45.30	28.50	73.80	13.90	6.80	20.70	7.60	3.40	11.00
1985-86	52.20	35.20	87.40	17.70	9.60	27.10	11.50	5.00	16.50
1990-91	57.00	40.40	97.40	21.50	12.50	34.00	12.80	6.30	19.10
1991-92	58.60	42.30	100.90	22.00	13.60	35.60	13.50	6.90	20.40
1992-93	57.90	41.70	99.60	21.20	12.90	34.10	13.60	6.90	20.50
1993-94	55.10	41.90	97.00	20.60	13.50	34.10	13.20	7.50	20.70
1994-95*	62.30	46.80	109.10	24.50	15.80	40.30	16.00	8.40	24.40
1995-96*	62.40	47.40	109.80	25.0	16.00	41.00	16.10	8.80	24.90
1996-97*	62.50	47.90	110.40	24.70	16.30	41.00	17.20	9.80	27.00
1997-98*	61.20	47.50	108.70	23.70	15.80	39.50	17.08	10.16	27.24

Note i) *: Provisional.

Table 11.4 Education**Total Literacy Rates of SC/ST by Sex Compared with Urban and Rural Literacy Rates of SCs and STs**

(1961 to 1991 Census)

State/Union Territories	Scheduled Castes			Scheduled Tribes		
	Total	Rural	Urban	Total	Rural	Urban
Persons						
1961 ^a	10.27	8.89	21.81	8.53	8.16	22.41
1971 ^b	14.67	12.77	28.65	11.30	10.68	28.84
1981 ^c	21.38	18.48	36.60	16.35	14.92	37.93
1991 ^d	37.41	33.25	55.11	29.60	27.38	56.6
Male						
1961 ^a	16.96	15.06	32.21	13.83	13.37	30.43
1971 ^b	22.36	20.04	38.93	17.63	16.92	37.09
1981 ^c	31.12	27.91	47.54	24.52	22.94	47.60
1991 ^d	49.91	45.95	66.60	40.65	38.45	66.56
Female						
1961 ^a	3.29	2.52	10.04	3.16	2.90	13.45
1971 ^b	6.44	5.06	16.99	4.85	4.36	19.64
1981 ^c	10.93	8.45	24.34	8.04	6.81	27.32
1991 ^d	23.76	19.45	42.29	18.19	16.02	45.66

Source i) a: 1961 Census of India 1961: part VAI, Special Tables for SC/ST. ii) b: 1971 Paper 1 of 1975: Census of India 1971, SCs/STs part V.AI. iii) c: 1981 Census of India 1981, PCA SCs/STs Series 1, part 1 B(ii) & B(iii) 1981. iv) d: 1991 Census of India 1991, Final Population Totals (Paper 2 of 1992).

Percentage of Girls, Enrolment to Total, Enrolments by Stages

Chart 11.3 on page 139

Year	Primary I - V	Middle VI - VIII	Secondary/Higher Sec. (10+2)/Inter	Higher Education (Degree & Above Level)
1950-51	28.1	16.1	13.3	10.0
1955-56	30.5	20.8	15.4	14.6
1960-61	32.6	23.9	20.5	16.0
1965-66	36.2	26.7	22.0	20.4
1970-71	37.4	29.3	25.0	20.0
1975-76	38.1	31.3	26.9	23.2
1980-81	38.6	32.9	29.6	26.7
1985-86	40.3	35.6	30.3	33.0
1990-91	41.5	36.7	32.9	33.3
1991-92	41.9	38.2	33.8	32.3
1992-93	42.6	38.8	33.9	33.2
1993-94	42.7	39.1	34.3	33.5
1994-95*	42.8	38.9	34.4	34.0
1995-96*	43.2	39.0	35.3	37.2
1996-97*	43.4	39.8	36.2	38.2
1997-98*	43.6	40.1	37.1	34.8

Note i) *: Provisional.

Chart 11.3

Percentage of Girls Enrolments to Total Enrolment

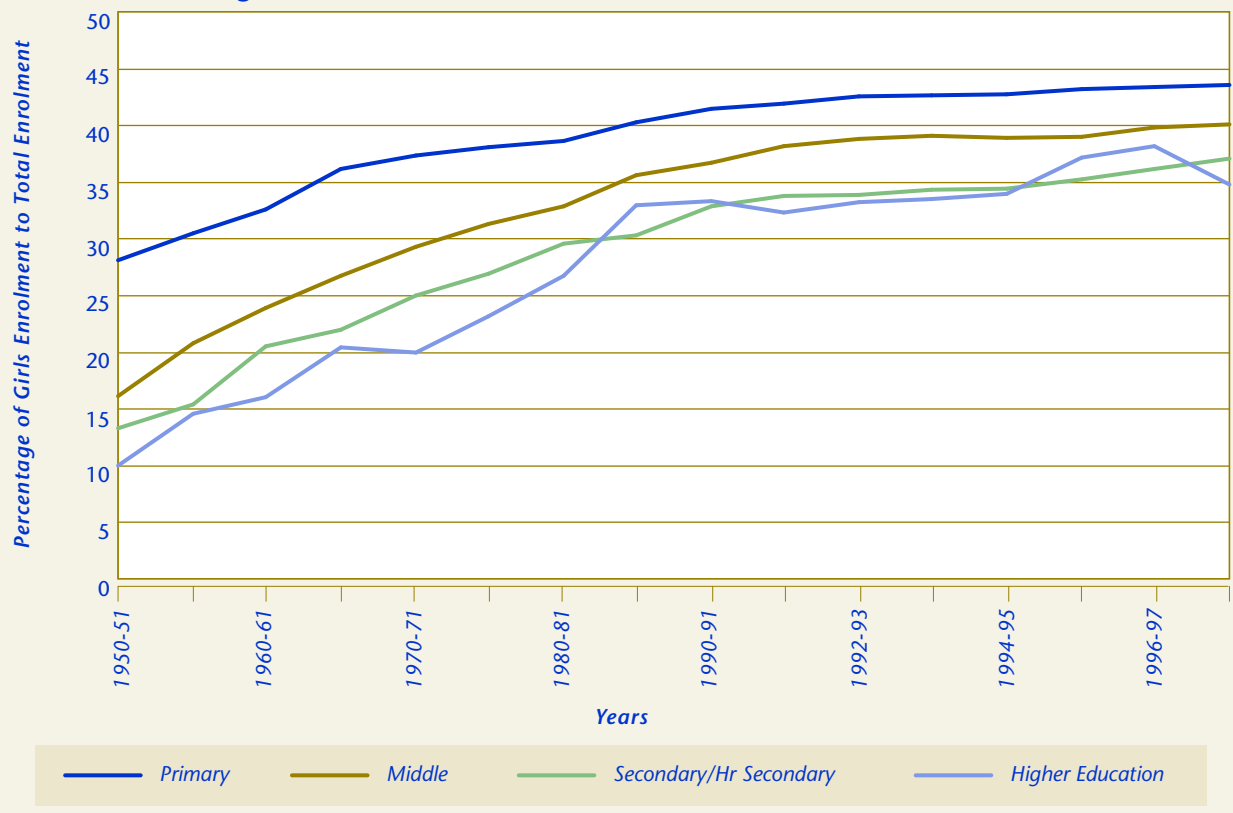


Chart for Table 11.5

Table 11.6 Education
Plan Expenditure on Different Sectors of Education, Sports & Youth Affairs, Art & Culture

Sector	Ist Plan 1951-56	2nd Plan 1956-61	3rd Plan 1961-66	Plan Holiday
Elementary Education	85	95	201	75
Secondary EDN	20	51	103	53
Adult Education	—	—	—	—
Higher Education	14	48	87	77
Others	14	30	73	37
Technical Education	20	49	125	81
Total Education	153	273	589	323
Sports & Youth Affairs	—	—	—	—
Art & Culture		3	7	—

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Note i) Dr. R.V. Vaidyanatha Ayyar: Educational Planning and Administration in India: Retrospect and Prospect, Journal of Education, Vol.VII, Number 2.

ii) For Eighth Plan Expenditure. Annual Financial Statistics of Education Sector 1997-98 Department of Education, M/o HRD.

iii) #: Provisional.

iv) @: Source from Analysis of Annual Plan 1992-93, 1993-94, Education Sector, Planning Commission.

Table 11.7 Education
Improvement in the Literacy Rates Among Traditional Educationally Backward States

States/Union Territories	Literacy Rates - 1961 Including Population 0-4 years.			Literacy Rates - 1971 Total Population Inclusive of Age Group 0-4 years.		
	Persons	Male	Female	Persons	Male	Female
All India	24.02	34.44	12.95	29.45	39.45	18.70
Andhra Pradesh	21.19	30.19	12.03	24.57	33.18	15.75
Arunachal Pradesh	@	@	@	11.29	17.82	3.71
Bihar	18.40	29.83	6.90	19.94	30.64	8.72
Jammu & Kashmir	11.03	16.97	4.26	18.58	26.75	9.28
Madhya Pradesh	17.13	27.03	6.73	22.14	32.70	10.92
Orissa	21.66	34.68	8.65	26.18	38.29	13.92
Rajasthan	15.21	23.71	5.84	19.07	28.74	8.46
Uttar Pradesh	17.65	27.30	7.02	2.70	31.50	10.55
Dadra & Nagar Haveli	9.48	14.71	4.05	14.97	22.15	7.84

continued onto next page ►

Note i) @: UT not existed.

ii) NA: Census not held.

iii) #: Literacy Rates 1997 Based on NSSO survey.

Source i) Literacy Digest, Directorate of Adult Education, MHRD, 1988.

Education Table 11.6

4th Plan 1969-74	5th Plan 1974-79	6th Plan 1980-85	7th Plan 1985-90	1990-92 1992-97	8th Plan Outlay [#]	1997-98 Revised	1998-99 Revised
239	317	836	2,849	1,729	12,424	4,036	
140	156	530	1,832	1,053	5,789		
—	—	224	470	416	1,414		
195	205	559	1,201	588	2,361		
106	106	273	1,083	823	908		
106	107	273	1,083	823	2,517	874	1,054
786	912	2,530	7,633	4,727	#25,413	7,592	9,249
—	—	—	477	@242	—	373	457
12	28	—	391	@198	—	243	271

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Education Table 11.7

Literacy Rates - 1981 Total Population Inclusive of Age Group 0-4 years.			Literacy Rates 1991 For Population of 7 years and Above			Literacy Rates - 1997 # For Population of 7 years and Above		
Persons	Male	Female	Persons	Male	Female	Persons	Male	Female
36.23	46.89	24.82	52.20	64.10	39.30	62.00	73.00	50.00
29.94	39.26	20.39	44.10	55.10	32.70	54.00	64.00	43.00
20.79	28.94	11.32	41.60	51.40	29.70	60.00	69.00	48.00
26.20	38.11	13.62	38.50	52.50	22.90	49.00	62.00	34.00
26.67	36.29	15.88	NA	NA	NA	59.00	71.00	48.00
27.87	39.49	15.53	44.20	58.40	28.80	56.00	70.00	41.00
34.23	47.10	21.12	49.10	63.10	34.70	51.00	64.00	38.00
24.38	36.30	11.42	38.50	55.00	20.40	55.00	73.00	35.00
27.16	38.76	14.04	41.60	55.70	25.30	56.00	69.00	41.00
26.67	36.32	16.78	40.71	53.56	26.98	66.00	30.00	49.00

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Table 11.8 Education**Primary Education—Schools, Students and Teachers**

(in '000)

Item	1950-51	1960-61	1965-66	1973-74
Number of pre-primary schools (Actual Number)	303	1,909	3,235	7,564
Pupils in Pre-Primary Schools				
Total	22	121	215	400
Boys	12	65	116	223
Girls	10	56	99	177
Teachers in Pre-Primary Schools (Actual Numbers)				
Total	866	4,006	6,832	11,665
Boys	170	407	936	2,949
Girls	696	3,599	5,896	8,716
Number of Primary Basic Schools	210	330	391	438
Pupils in Primary Schools				
Total	18,294	26,643	37,219	45,850
Boys	13,156	18,269	24,007	28,578
Girls	5,138	8,374	13,212	17,272
Teachers in Primary Schools				
Total	538	742	944	1,196
Male	456	615	764	928
Female	82	127	180	268

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1975-76	1977-78	1980-81	1984-85	1986-87	1991-92	1992-93	1997-98
5,658	7,050	10,97	10,274	11,844	13,515	13,662	41,788
388	464	645	1,033	1,271	1,436	1,463	2,834
205	248	352	575	696	797	811	1,558
183	216	293	458	575	639	652	1,276
9,951	11,021	14,535	—	—	—	—	—
646	700	2,207	—	—	—	—	—
9,305	10,321	12,328	—	—	—	—	—
454	462	495	520	537	566	572	610
63,108	46,290	52,098	61,168	89,993	101,577	105,370	108,782
39,123	29,227	32,410	37,386	53,850	59,218	60,454	61,329
23,985	17,063	19,688	23,782	36,143	42,359	44,916	47,453
1,248	1,267	1,363	1,458	1,522	1,693	1,682	1,872
964	968	1,021	1,077	1,105	1,194	1,189	1,229
284	299	342	381	417	499	493	643

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Table 11.9

Primary Education (Class I-V)—Gross Enrolment Ratio, Drop Out Rate, Teacher-Pupil Ratio

Year	Gross Enrolment Ratio			Drop Out Rate			Teacher Pupil Ratio
	Boys	Girls	Total	Boys	Girls	Total	
1950-51	60.60	24.80	42.60	—	—	—	1.24
1960-61	82.60	41.40	62.40	61.70	70.90	64.90	1.36
1970-71	95.50	60.50	78.60	64.50	70.90	67.00	1.39
1980-81	95.80	64.10	80.50	56.20	62.50	58.70	1.38
1990-91	114.00	85.50	100.10	40.10	46.00	42.60	1.43
1991-92	112.80	86.90	100.20	41.03	45.17	*42.78	1.43
1992-93	95.00	73.46	84.6	43.83	46.67	45.01	1.45
1993-4	90.04	73.10	81.90	36.07	39.05	*37.32	1.50
1994-95*	114.80	92.60	*104.00	35.18	37.79	*36.27	1.48
1995-96*	114.50	93.30	*104.30	37.92	41.31	*39.37	1.47
1996-97*	98.70	81.90	*90.60	39.37	38.35	*38.95	1.45
1997-98*	97.70	81.20	*89.70	38.23	41.34	39.58	1.42

Note i) *: Provisional.

Chapter 12 **Employment**

	Table Title	Page No.
12.1	Expenditure of Ministry of Labour	145
12.2	Population and Agricultural Workers	146
12.3	Percentage Distribution of Workers by Industry	147
12.4	Employment in the Organised Sector	148
12.5	Percentage of Women in Organised Activity	149

The tables in this Chapter provide information on composition of labour force in terms of major activity in Agriculture, Industry and Tertiary Sectors. The employment in the organised sector and its break-up between the Public and Private component at various points of time, over the last five decades, have also been compiled. The tables on Plan Expenditure are, however, confined only to the allocations for Ninth Five Year Plan in respect of Ministry of Labour.

Division	Approved Outlay Ninth Plan (1997-2000)	Actual Expenditure (1997-98)	Actual Expenditure (1998-99)	Approved Outlay (1999-2000)	Anticipated Expenditure (1999-2000)	Approved Outlay (2000-2001)
Employment Directorate	3,700 (CW 2200)	60.63	869 (CW 790)	1,100 (CW 600)	988.75 (CW 600)	1,600 (CW 900)
(a) World Bank Projects	18,700 (FA 9,000)	3,933.64	5,263.12	2,070 (CW 250)	1,622.34 (CW 150)	1,532 (CW 500)
(b) Women Training Schemes	1,820	231.14	307.43	490 (CW 300)	433.12 (CW 250)	480 (CW 280)
(c) Other Training Schemes	10,936 (FA 3,012)	560.16 (FA 39.01)	679.41 (FA 93) (CW 325)	1,600 (CW 50)	931.79	1,510
Child Labour	24,860	1,317.76	2,744	4,000	3,400	3,600
Women Labour	100	8.58	12.44	20	20	20
Industrial Relations	3,856	223.2	322.94	604 (CW 160)	509.42 (CW 160)	554.5
Workers Education (CBWE)	1,500	161.06	184.12	300	300	468
Labour Statistics (Labour Bureau)	3,000	468.04	582.22	1043	925.7	800.32
Mines Safety (DGMS)	4,000	225	124	613 (CW 220)	362.2 (CW 115)	497.18
Industrial Safety (DGFASLI)	2,500	496.63	226.57	317 (CW 130)	136.75	298
Labour Research (NLI)	1,000	114	160	250	250	265
Grants-in-aid to Research and Academic Institutes/ NGOs	100	0.53	9.17	40	40	30
Rehabilitation of Bonded Labour	2,000	300.12	298	400	398	575
Housing Scheme For Hammals	1,000	0	0	101	—	—
Information Technology (New)	140	—	0	52	72	70
Rural Workers Scheme & Social Security Scheme (SSC) for Unorganised Labour	Rural Workers Scheme completed and social security scheme for unorganised labour dropped	—	—	—	—	—
Total	79,212.00 (FA 12,012)	8,100.49 (FA 39.01)	11,782.42 (FA 93) (CW 1,087)	13,000.00 (FA 87) (CW 1,985)	10,390.07 (CW 1,325)	12,300.00 (CW 1,680)

Note i) CW: Civil Works Component.

ii) FA: Foreign Aid Component.

Table 12.2 Employment
Population and Agricultural Workers

(in Millions)

Year	Total Population	Rural Population	Workers			
			Cultivators	Agricultural Labourers	Other Workers	Total
1951	361.1	298.7 (82.7)	69.8 (50.0)	27.5 (19.7)	42.2 (30.3)	139.5 (100.0)
1961	439.2	360.3 (82.0)	99.6 (52.8)	31.5 (16.7)	57.6 (30.5)	188.7 (100.0)
1971	548.2	439.1 (80.1)	78.3 (43.4)	47.5 (26.3)	54.7 (30.3)	180.5 (100.0)
1981	683.3	523.9 (76.7)	92.5 (41.6)	55.5 (24.9)	74.5 (33.5)	222.5 (100.0)
1991	846.3	628.7 (74.3)	110.7 (38.7)	74.6 (26.1)	100.6 (35.2)	285.9 (100.0)

Note i) The figures for workers for 1971, 1981 and 1991 are for Main Workers only while 1961 figure corresponds to both Main and Marginal workers.

ii) Figures in brackets give percentage to total population.

Source i) Census, 1951, 1961, 1971, 1981 and 1991.

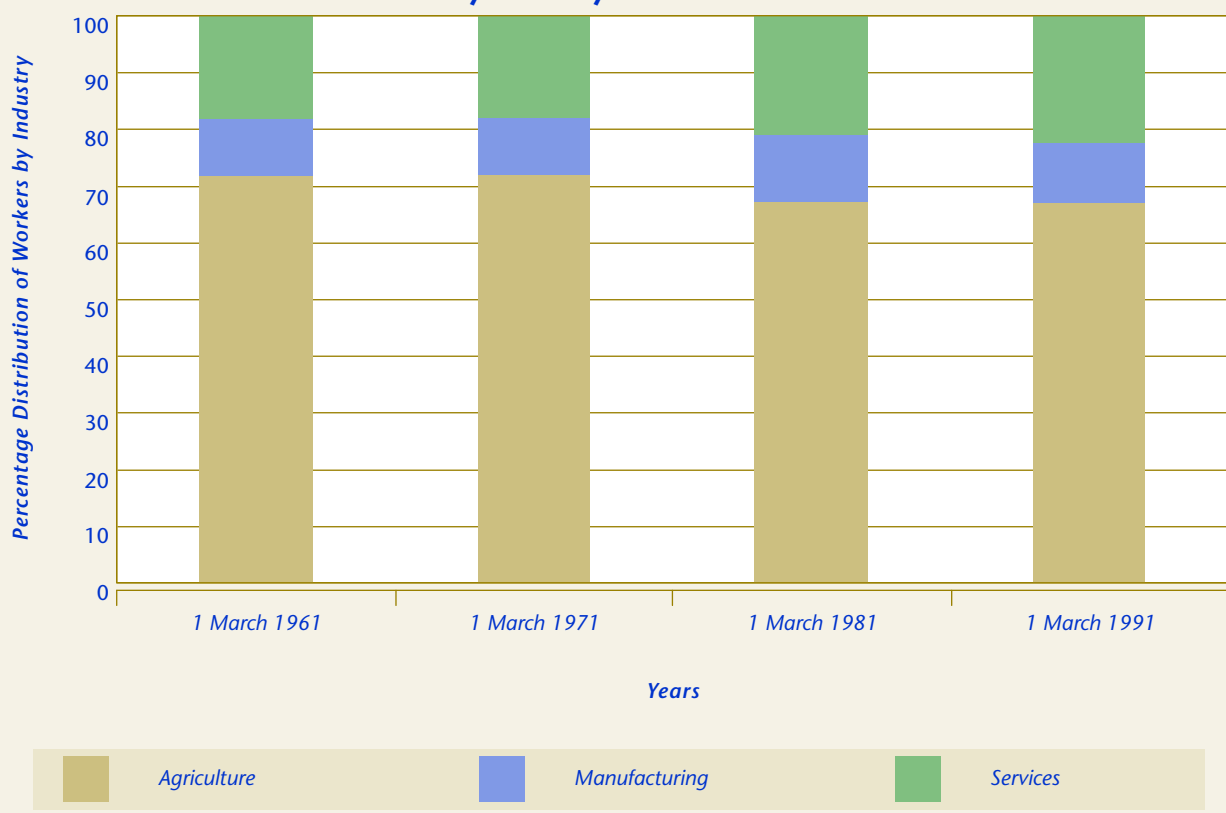
Chart 12.1
Distribution of Workers by Industry


Chart for Table 12.3

Percentage Distribution of Workers by Industry

Chart 12.1 on page 146

Industry	Percentage of total as on			
	1st March 1961	1st April 1971	1st March 1981	1st March 1991 (P)
Agriculture	71.5	71.6	66.5	66.5
Forestry and Logging	0.2	0.2	0.2	0.2
Fishing	0.3	0.3	0.4	0.3
Mining and Quarrying	0.5	0.5	0.5	0.6
Manufacturing	9.5	9.4	*11.3	*10.0
Construction	1.5	1.4	1.6	2.0
Electricity, Gas and Water Supply	0.2	0.3	0.4	0.4
Transport etc.	1.8	2.4	2.7	2.8
Trade, Hotels & Restaurants	4.7	5.0	5.5	6.4
Banking and Insurance	0.2	0.3	0.5	0.6
Real Estate and Business	0.1	0.2	0.2	0.4
Public Administration & Defence	2.0	2.8	2.7	3.1
Other Services	7.7	5.7	7.4	@6.7
Total	100.0	100.0	100.0	100.0

Note i) *: Manufacturing and repairs

ii) @: Includes Community, Social, Personal services and activities not adequately defined.

iii) The estimates of the number of workers in 1961 by industry groups relate to adjusted figures based on 1971 census concepts.

iv) Figures for 1981 exclude Assam State where 1981 Census couldn't be conducted due to disturbed conditions prevailing there at that time.

v) P: Provisional.

Source i) Selected Socio-economic Indicators, CSO.

Table 12.4 Employment**Employment in the Organised Sector**

Chart 12.2 on page 149

	1950	1961	1966	1971	1976	1981	1986	1987	1991	1996	1998
Private	N.A	50.4	68.1	67.6	68.4	74.0	73.7	73.6	76.8	85.1	88.4
Public	N.A	70.5	93.8	107.3	133.2	154.8	176.8	180.3	190.6	194.3	195.4
Total	N.A	120.9	161.9	174.9	201.7	228.8	250.6	253.9	267.4	279.4	283.8

(in lakhs)

- Notes**
- The figures are based on Employment Market Information (EMI) Programme of the Directorate General of Employment & Training, Ministry of Labour, Comparable figures are not available for 1950.
 - The EMI Programme covers the organised sector of the economy which includes all establishments in the public sector irrespective of their size and non-agricultural establishments in the private sector employing 10 or more persons. While data on the public sector establishments and those on non-agricultural establishments in the private sector employing 25 or more persons are being collected under the provisions of Employment Exchanges (compulsory notification of vacancies) Act 1959, the data from Non-agricultural establishments engaging 10 to 24 persons in the private sector are collected on a voluntary basis.
 - Figures in columns may not necessarily add up to the total due to rounding off.
 - Figures from March, 1970 and onwards are inclusive of those for Goa and Union territories of Daman & Diu.
 - Figures from March, 1972 and onwards are inclusive of those for Meghalaya State and from March, 1973 for J&K State.
 - Figures for Manipur have been repeated Since December, 1971 and onwards but excluded from March, 1975 due to non receipt of data. Again from March, 1977 onwards the data in respect of Manipur have been included.
 - Figures for Mizoram are included from March, 1975 onwards.
 - These figures do not cover Arunachal Pradesh, Andaman & Nicobar Islands, Lakshadweep, Dadra & Nagar Haveli and Sikkim as the EMI Programme has not so far been extended to these areas.
 - Nagaland has been included for the first time since March, 1978.
 - Figures related to the 31st March.

Source i) Ministry of Labour, Directorate General of Employment and Training (DGE&T).

Percentage of Women in Organised Activity

Year	Percentage	Year	Percentage
1961	10.90	1987	13.20
1965	11.10	1988	13.40
1970	11.10	1989	13.60
1975	11.30	1990	13.80
1977	11.95	1991	14.10
1979	12.40	1992	14.40
1980	12.10	1993	14.80
1981	12.20	1994	15.20
1982	12.30	1995	15.40
1983	12.50	1996	15.80
1984	12.60	1997	16.50
1985	12.90	1998	17.14
1986	13.00		

Source i) Directorate General of Employment and Training,
Ministry of Labour.

Chart 12.2

Employment in the Organised Sector

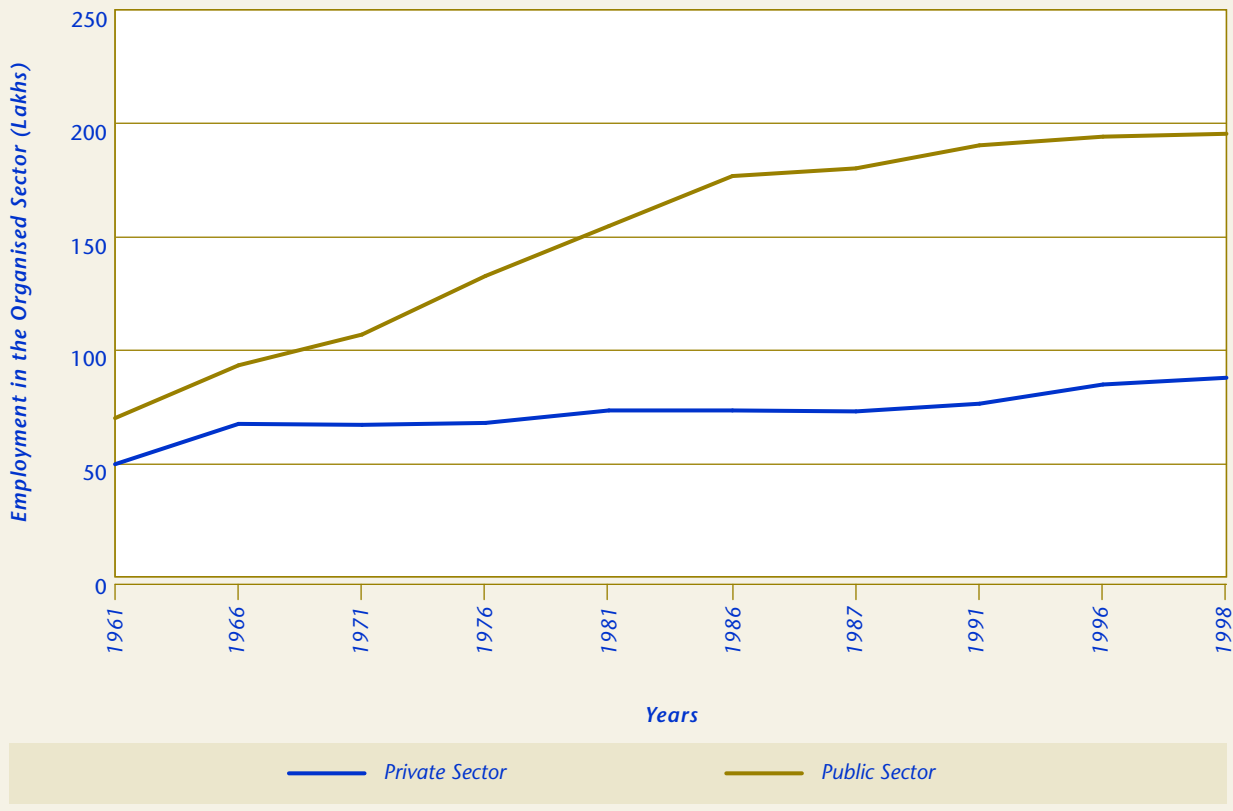


Chart for Table 12.4

Chapter 13 *Health and Family Welfare*

Table Title	Page No.
13.1 Expectation of Life at Birth (Years)	151
13.2 Pattern of Investment on Health, Family Welfare (Plan Outlays) in Public Sector	152
13.3 Health Care Infrastructure	153
13.4 Birth & Death Rate in India	153
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13.6 Population of India	156
13.7 Acceptors of Family Planning Methods—All India	157
13.8 Immunisation Coverage—All India	157
13.9 Mortality indicators—All India	157

The tables in this Chapter provide information on plan provisioning and expenditure over successive five year plans, as well as performance on various health and family welfare indicators, such as expectation of life at birth; birth and death rates; infant mortality rates; population growth rates; coverage of immunisation; and adoption of family planning methods. In addition, information on these indicators has also been provided at State level. A table on the status of Health Care Infrastructure has been included.

Expectation of Life at Birth

Chart 13.1 on page 151

(Years)

Period	Male	Female	Person
1941-50	32.4	31.7	32.1
1951-60	41.9	40.6	41.3
1960-70	46.4	44.7	45.6
1971-75	50.5	49.0	49.7
1976-80	52.5	52.1	52.3
1981-85	55.4	55.7	55.4
1986-90	57.7	58.1	57.7
1991-95	59.7	60.9	60.3
1992-96	60.1	61.4	60.7

Source i) Registrar General, India.

Chart 13.1

Expectation of Life at Birth

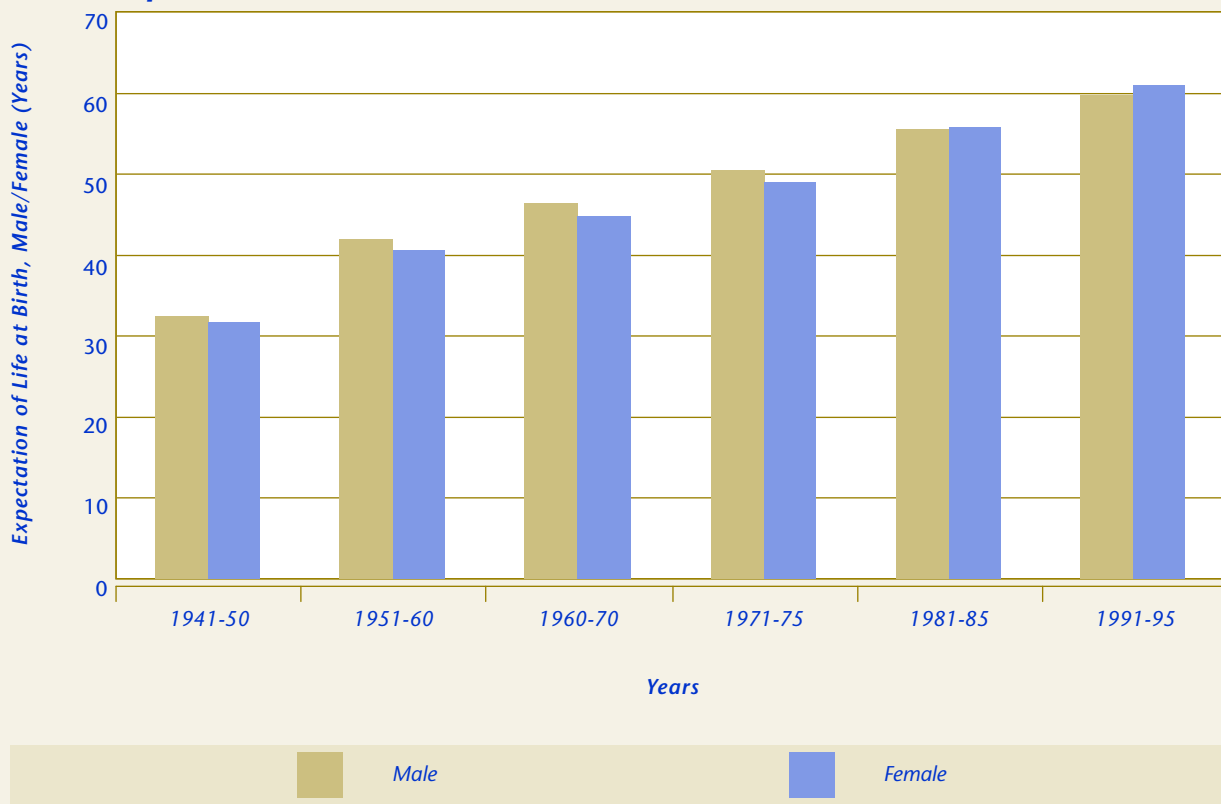


Chart for Table 13.1

Table 13.2 Health and Family Welfare**Pattern of Investment on Health, Family Welfare (Plan Outlays) in Public Sector**

(Rs. Crores)

Period	Total Plan Investment (TPI) (All Dev. Heads)	Health (Centre & States) Outlay/ Expenditure	% of TPI	Family Welfare Outlay/ Expenditure	% of TPI
First Plan (Actuals) (1951-56)	1,960.00	65.20	3.33	0.10	0.01
Second Plan (Actuals) (1956-61)	4,672.00	140.80	3.01	5.00	0.11
Third Plan (Actuals) (1961-66)	8,576.50	225.90	2.63	24.90	0.29
Annual Plans (Actuals) (1966-69)	6,625.40	140.20	2.12	70.40	1.06
Fourth Plan (Actuals) (1969-74)	15,778.80	335.50	2.13	278.00	1.76
Fifth Plan (Actuals) (1974-79)	39,426.20	760.80	1.93	491.80	1.25
Annual Plan (1979-80)	11,650.00	268.20	2.30	116.20	1.00
Sixth Plan (outlay) (1980-85)	97,500.00	1,821.00	1.87	1,010.00	1.04
Seventh Plan (Outlay) (1985-90)	1,80,000.00	3,392.90	1.88	3,256.30	1.81
Annual Plans (1990-91, 1991-92)	1,37,033.55	2,253.86	1.64	1,805.52	1.32
Eighth Plan (1992-97)	4,34,100.00	7,582.20	1.75	6,500.00	1.50
Ninth Plan (1997-2002)	8,59,200.00	*19,374.11	2.25	15,120.20	1.76

Note i) *: Includes Outlay of Rs. 266.35 crores for the Department of ISM&H.

Source i) Planning Commission, Department of Family Welfare.

Health and Family Welfare Table 13.3

Healthcare Infrastructure

Items	1951	1961	1971	1981	1992	1996	1997
Medical Colleges**	28*	60	98	111	146	165	165
Hospitals**	2,694	3,094	3,862	6,804	13,692	#15,097	NA
Dispensaries**	6,515	9,406	12,180	16,751	27,403	#28,225	NA
Community Health Centre@	0	0	0	217	2,186	2,572	**2,708
Primary Health Centres@	725	2,565	5,112	5,740	20,701	21,917	**22,962
Sub-Centres@	0	0	28,489	51,405	131,370	134,931	**136,815
Hospital Beds** (all types)	117,178	230,000	348,655	569,495	834,650	#870,161	NA
Doctors**	61,840	83,756	151,129	268,712	395,851	(P)375,291	(P)484,401
Dentists**	3,290	3,582	5,512	8,648	11,300	#23,953	NA
Nurses**	16,550	35,584	80,620	154,280	385,410	565,696	NA

Note i) NA: Not Available.
 ii) *: Pertains to 1950.
 iii) **: As on December 31.
 iv) @: As on March 31.
 v) #: As on 31.12.95.
 vi) P: Provisional.

Health and Family Welfare Table 13.4

Birth & Death Rate in India

Year	Birth Rate	Death Rate
1901-11	49.20	42.60
1911-21	48.10	47.20
1921-31	46.40	36.30
1931-41	45.20	31.20
1941-51	39.90	27.40
1951-61	41.70	22.80
1961-71	41.20	19.00
1971-81	37.20	15.00
1981-91	29.50	9.80
1991-96	28.30	9.00
1996-2001	24.10	8.99

Source i) SRS, Registrar General India.

Table 13.5 Health and Family Welfare

Demographic Indicators

State/UT	Population (in '000) 1991 Census	Annual Exponential Growth Rate (%)		Literacy Rate Percentage Female (7 years & above)		Sex Ratio
		1981-91	1971-81	1991	1981	1991
				#	\$	#
All India	846,303	2.14	2.22	39.30	29.80	927
Major States						
Andhra Pradesh	66,508	2.17	2.10	32.72	24.16	972
Assam	22,414	2.17	2.12	43.03	NA	923
Bihar	86,374	2.11	2.17	22.89	16.51	911
Gujarat	41,310	1.92	2.46	48.64	38.46	934
Haryana	16,464	2.42	2.55	40.47	26.89	865
Karnataka	44,977	1.92	2.39	44.34	33.16	960
Kerala	29,098	1.34	1.77	86.17	75.65	1,036
Madhya Pradesh	66,181	2.38	2.27	28.85	18.99	931
Maharashtra	78,937	2.29	2.21	52.32	41.01	934
Orissa	31,660	1.83	1.85	34.68	25.14	971
Punjab	20,282	1.89	2.16	50.41	39.64	882
Rajasthan	44,006	2.50	2.87	20.44	13.99	910
Tamil Nadu	55,859	1.43	1.63	51.33	40.43	974
Uttar Pradesh	139,112	2.27	2.29	25.31	17.18	879
West Bengal	68,078	2.21	2.10	46.56	36.07	917
Smaller States						
Arunachal Pradesh	865	3.14	3.04	29.69	14.01	859
Delhi	9,421	4.15	4.29	66.99	62.57	827
Goa	1,170	1.49	2.37	67.09	55.17	967
Himachal Pradesh	5,171	1.89	2.15	52.13	37.72	976
J&K	7,719	2.54	2.58	NA	19.55	NA
Manipur	1,837	2.57	2.83	47.60	34.61	958
Meghalaya	1,775	2.84	2.80	44.85	37.15	955
Mizoram	690	3.34	3.99	78.60	68.60	921
Nagaland	1,209	4.45	4.09	54.75	40.28	886
Sikkim	406	2.51	4.14	46.69	27.35	878
Tripura	2,757	2.95	2.79	49.65	38.01	945
Union Territories						
A&N Islands	281	3.97	4.98	65.46	53.15	818
Chandigarh	642	3.52	5.67	72.34	69.31	790
D&N Haveli	138	2.89	3.38	26.98	20.38	952
Daman & Diu	102	2.52	2.32	59.40	46.51	969
Lakshadweep	52	2.51	2.37	72.89	55.32	943
Pondicherry	808	2.90	2.50	65.63	53.03	979

Note i) Sex ratio - Females per 1000 males.

Source i) Col. 2 to 7 - 1991 census; Col. 8 to 13 - Sample Registration System (SRS) Estimates; Col. 14 - 1981 Census; Col.15- Department of Family Welfare.

ii) #: Excludes J&K and Mizoram.

iii) \$: Excludes Assam.

iv) NA: Not Available.

v) *: Three years moving average (1993-95).

Crude Birth Rate (CBR)	Crude Death Rate (CDR)	Natural Increase (CBR-CDR)	Infant Mortality Rate (IMR)	Total Fertility Rate (TFR)	Mean Age at Effective Marriage (Female)	Singulate Mean Age of Marriage (Female)	Couple Protection Rate (CPR) (%) 31.3.99 (Provisional)
1999	1999	1999	1999	1997	1996	1981	
#	#	#	#	#		\$	
26.10	8.70	17.40	70.00	3.30	19.40	18.33	44.00
21.70	8.20	13.50	66.00	2.50	17.90	17.26	50.30
27.00	9.70	17.30	76.00	3.20	20.00	NA	16.70
30.40	9.10	21.30	66.00	4.40	18.60	16.55	19.70
25.40	7.90	17.50	63.00	3.00	20.30	19.52	54.50
26.80	7.70	19.10	68.00	3.40	19.20	17.84	49.70
22.30	7.70	14.60	58.00	2.50	19.40	19.21	55.40
18.00	6.40	11.60	14.00	1.80	22.00	21.82	40.50
30.70	10.60	20.10	91.00	4.00	18.90	16.56	46.50
21.10	7.50	13.60	48.00	2.70	19.40	18.77	50.10
24.10	10.60	13.50	97.00	3.00	19.60	19.08	39.00
21.50	7.40	14.10	53.00	2.70	20.70	21.07	66.00
31.10	8.40	22.70	81.00	4.20	18.80	16.10	34.60
19.30	8.00	11.30	52.00	2.00	20.50	20.25	50.40
32.10	10.50	21.60	84.00	4.80	19.40	16.71	38.20
20.70	7.10	13.60	52.00	2.60	19.40	19.23	32.90
22.30	6.00	16.30	*43.00	NA	NA	NA	14.00
19.40	4.80	14.60	*31.00	NA	NA	NA	28.80
14.30	7.20	7.10	*21.00	NA	NA	NA	27.10
23.80	7.30	16.50	*62.00	NA	20.60	NA	48.20
NA	NA	NA	*NA	NA	NA	NA	15.00
18.60	5.40	13.20	*25.00	NA	NA	NA	20.10
28.70	9.10	19.60	*56.00	NA	NA	NA	4.60
17.00	5.50	NA	*19.00	NA	NA	NA	34.60
NA	NA	NA	*NA	NA	NA	NA	7.80
21.60	5.80	15.80	*49.00	NA	NA	NA	21.90
17.00	5.70	11.30	*42.00	NA	NA	NA	25.20
18.10	5.50	12.60	*25.00	NA	NA	NA	39.90
17.90	3.90	14.00	*28.00	NA	NA	NA	35.00
32.40	5.90	26.50	*56.00	NA	NA	NA	29.10
26.90	7.10	19.80	*35.00	NA	NA	NA	30.20
25.10	4.70	20.40	*32.00	NA	NA	NA	9.10
17.70	6.90	10.80	*22.00	NA	NA	NA	56.90

Table 13.6 Health and Family Welfare

Population of India

Chart 13.2 on page 156

(Million)

Year	Population	Growth Rate %
1901-11	252.10	0.56
1911-21	251.30	-0.03
1921-31	278.90	1.04
1931-41	318.70	1.33
1941-51	361.10	1.25
1951-61	439.20	1.96
1961-71	548.20	2.20
1971-81	683.30	2.22
1981-91	846.30	2.14
1991-2001*	1,012.39	1.81

Chart 13.2

Population and Growth Rate

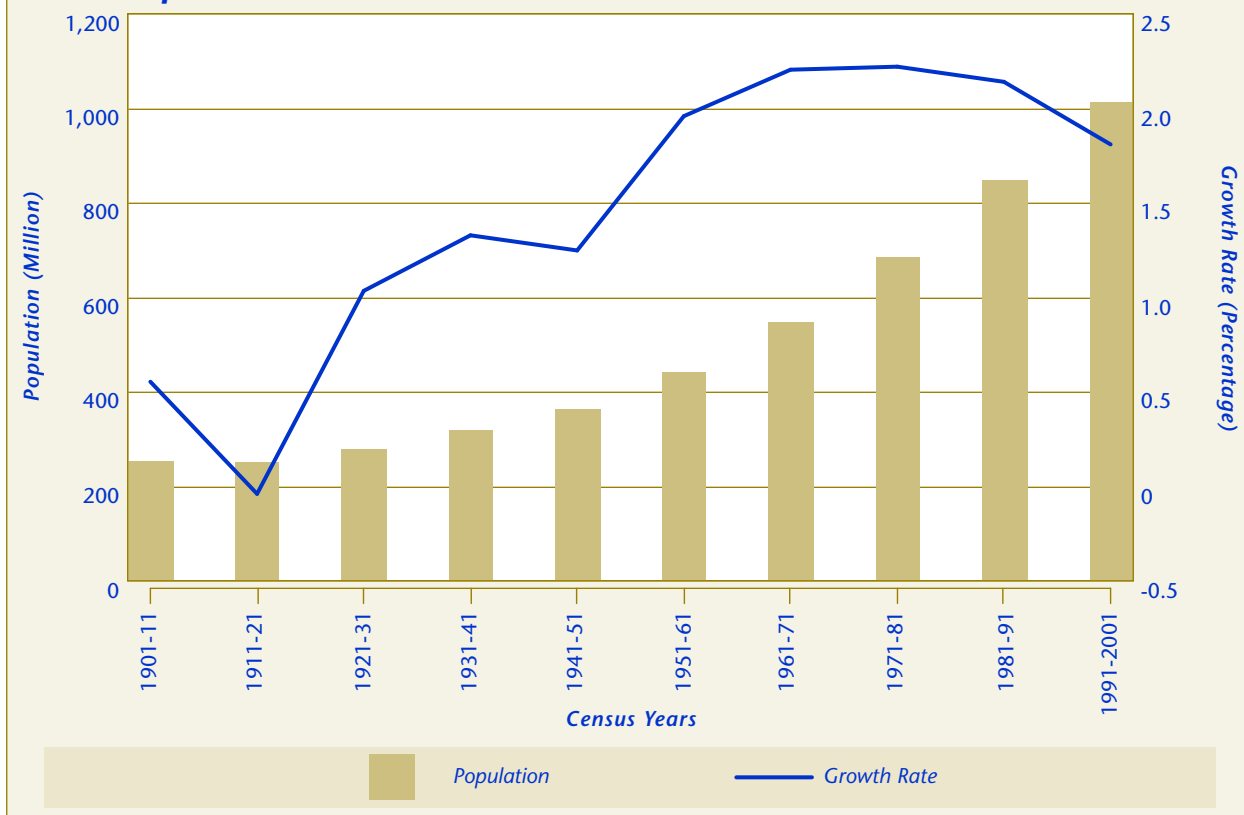


Chart for Table 13.6

Health and Family Welfare Table 13.7
Acceptors of Family Planning Methods—All India

(Millions)

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000 Provisional
Sterilisation	4.29	4.50	4.58	4.42	3.82	4.22	4.18	4.44
IUD	4.74	6.02	6.70	6.85	5.71	6.16	6.06	6.08
CC Users	15.00	17.28	17.71	17.28	17.11	13.94	14.22	15.23
OP Users	3.00	4.30	4.87	5.09	5.17	5.50	5.76	6.54

Health and Family Welfare Table 13.8
Immunisation Coverage—All India

(Millions)

	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000 Provisional
DPT	21.96	23.09	23.40	22.56	23.22	23.24	22.57	22.09
Polio	22.10	23.21	23.58	22.78	23.52	23.48	22.92	22.22
BCG	23.45	24.09	24.70	24.13	24.92	24.85	23.57	23.59
Measels	20.85	21.95	21.60	20.54	21.11	21.40	21.21	20.70
TT (PW)	21.44	22.70	23.07	22.12	22.94	22.90	22.27	22.40

Health and Family Welfare Table 13.9
Mortality Indicators—All India

Year	Crude Death Rate	Infant Mortality	Neonatal Mortality (NN)	Postnatal Mortality	Prenatal Mortality (PNN)	Still Death Rate
1976	15.0	129.0	77.0	52.0	66.8	17.5
1980	12.4	113.9	69.3	44.6	55.7	11.3
1985	11.8	97.2	60.1	37.1	48.1	10.4
1990	9.7	80.0	52.5	27.2	48.4	11.8
1991	9.8	80.0	51.1	29.3	46.0	10.7
1992	10.1	79.0	50.0	29.4	47.5	11.6
1993	9.3	74.0	47.1	25.5	44.2	10.5
1994	9.3	74.0	47.7	26.0	42.5	8.9
1995	9.0	74.0	48.1	25.9	44.6	9.2
1996	9.0	72.0	47.0	25.0	44.0	9.0
1997	8.9	71.0	46.1	25.1	43.2	8.7

Source i) Registrar General, India—Sample Registration System (SRS).

Chapter 14 **Empowerment of Women and Development of Children**

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The focus of information tabulated in this Chapter is to showcase the attainments and gaps in the empowerment of women and development of children. Information has been compiled on indicators, such as sex ratio; distribution of population by age and sex, distribution of female deaths related to child birth and pregnancy, distribution of causes of infant deaths, age of women at marriage enrolment ratios for girls and boys, work participation rates, crime against women and representation of women in Parliament and Panchayati Raj bodies. Some of this information is also presented at State level.

Empowerment of Women and Development of Children Table 14.1
Population by Sex, Sex Ratio & Growth

Year	Persons	Population		Sex ratio (Females per 1000 Males)	Decadal Variation (per cent)	Annual Average Exponential Growth Rate (Percent)	Urban Population as Percentage to Total Population
		Males	Females				
1901	23,83,96,327	12,07,91,301	11,73,58,672	972.00	10.84		
1911	25,20,93,390	12,83,85,368	12,37,08,022	964.00	5.75	0.56	10.29
1921	25,13,21,213	12,85,46,225	12,27,74,988	955.00	-0.31	-0.03	11.18
1931	27,89,77,238	14,29,29,689	13,57,88,921	950.00	11.00	1.04	11.99
1941	31,86,60,580	16,36,85,302	15,46,90,267	945.00	14.22	1.33	13.86
1951	36,10,88,090	18,55,28,462	17,55,59,628	946.00	13.31	1.25	17.29
1961	43,92,34,771	28,62,93,201	21,29,41,570	941.00	21.51	1.96	17.97
1971	54,81,59,692	28,40,49,276	26,41,10,378	930.00	24.80	2.20	19.90
1981*	68,33,29,097	35,33,74,460	32,99,54,637	933.00	24.66	2.22	23.31
1991 [@]	84,63,02,688	43,92,30,458	40,70,72,230	927.00	23.85	2.14	25.71

Note i) The Population figures exclude the area under illegal occupation of Pakistan and China.

ii) *: The 1981 Census was not held in Assam. The figures for 1981 include the inter polated population of Assam.

iii) @: The 1991 Census was not held in J & K. The figures for 1991 include the population of J & K as projected by the Standing Committee of Experts on Population Projections, (October, 1989).

Source i) Census of India 1991, Series - I India, Paper - 1 of 1991, Provisional Population Totals, Office of the Registrar General and Census Commissioner.

ii) Census of India 1991, Series - I India, Paper - 2 of 1992, Final Population Totals :Brief Analysis of Primary Census Abstract, Registrar General and Census Commissioner, India.

Empowerment of Women and Development of Children Table 14.2
Distribution of Population by Age and Sex—1991

Age	Male	Female
0 - 14	161,728	150,637
15 - 19	—	36,804
15 - 44	—	181,497
15 - 59	—	223,416
60+	—	29,308
All ages	435,208	403,360

Note i) Figures excludes Jammu & Kashmir where 1991 census was not conducted.

Source i) Census of India 1991, Series - I, India, Office of the Registrar General, India, New Delhi.

Table 14.3 Empowerment of Women and Development of Children**Population by Sex, States/Union Territories, 1991**

(Population in '000)

States/UT	Population			0 - 14	
	Persons	Males	Females	Male	Female
India*	846,302	439,230	407,072	165,725	153,854
States					
Andhra Pradesh	66,508	33,725	32,783	12,330	11,844
Arunachal Pradesh	864	465	399		
Assam	22,414	11,658	10,756	4,684	4,516
Bihar	86,374	45,202	41,172	18,850	17,128
Goa	1,170	595	575		
Gujarat	41,309	21,355	19,954	7,690	7,096
Haryana	16,463	8,827	7,636	3,526	3,047
Himachal Pradesh	5,171	2,618	2,553		
Jammu & Kashmir**	7,719	4,014	3,705		
Karnataka	44,977	22,952	22,025	8,274	7,999
Kerala	29,098	14,289	14,809	4,400	4,264
Madhya Pradesh	66,181	34,267	31,914	13,479	12,794
Maharashtra	78,937	40,826	38,111	14,603	13,706
Manipur	1,837	938	899		
Meghalaya	1,775	908	867		
Mizoram	690	359	331		
Nagaland	1,209	641	568		
Orissa	31,660	16,064	15,596	5,886	5,734
Punjab	20,282	10,778	9,504	3,803	3,348
Rajasthan	44,006	23,043	20,963	9,598	8,656
Sikkim	406	216	190		
Tamil Nadu	55,859	28,299	27,560	8,858	8,503
Tripura	2,757	1,418	1,339		
Uttar Pradesh	139,112	74,037	65,075	30,064	26,744
West Bengal	68,078	35,511	32,567	12,984	12,404
Union Territories					
Andaman & Nicobar Islands	281	155	126		
Chandigarh	642	359	283		
Dadra & Nagar Haveli	138	71	67		
Daman & Diu	102	52	50		
Delhi	9,421	5,156	4,265		
Lakshadweep	52	27	25		
Pondicherry	808	408	400		

Note i) Population figures for children is for major states only.

ii) *: Figures of India include the population of J&K as projected.

iii) **: Figures for J&K are as projected by the Standing Committee of Experts on Population Projections, (October, 1989).

Source i) Census of India, 1991. Series - 1 India, Paper - 2 of 1992. Final population total: Brief Analysis of Primary Census Abstract: Registrar General & Census Commissioner, India.

Empowerment of Women and Development of Children Table 14.4

Percentage Distribution of Female Deaths Related to Child Birth and Pregnancy —1995

Chart 14.1 on page 161

Cause	Percentage
Bleeding of Pregnancy & Puerperium	28.9
Abortion	17.6
Anaemia	17.0
Toxaemia	9.9
Puerperium Sepsis	8.5
Malposition of Child	4.0
Non-classifiable	14.1
Total	100.0

Source i) Survey of Causes of death (Rural), India Annual Report (1995), Report (1995), Office of the Registrar General of Office of the Registrar General of India, New Delhi.

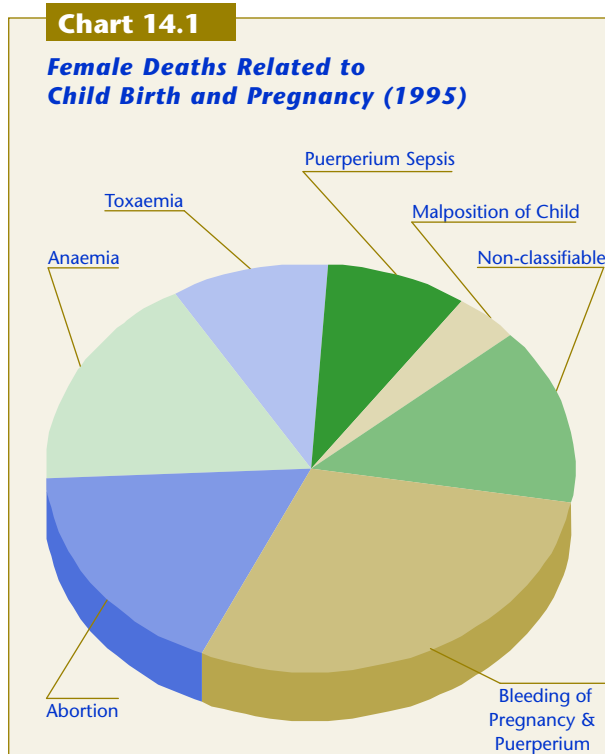


Chart for Table 14.4

Table 14.5

Percentage distribution of causes of Infant Deaths—1995

Chart 14.2 on page 161

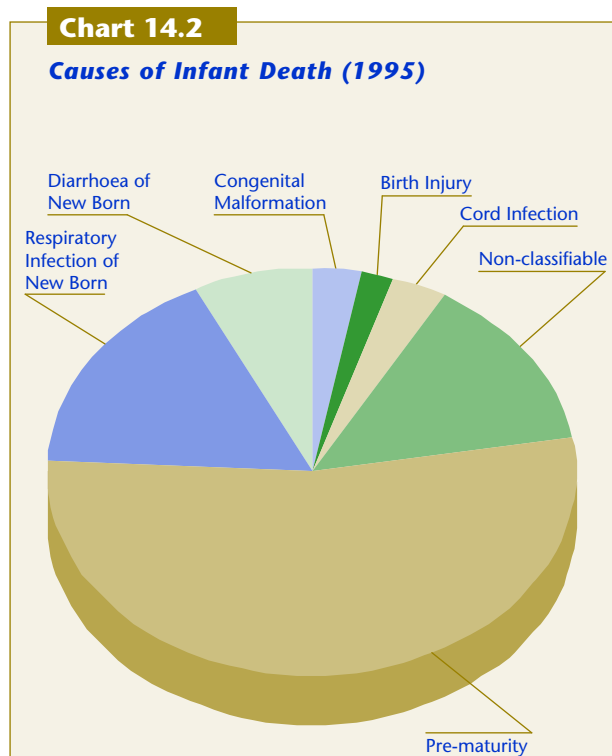


Chart for Table 14.5

Cause	Percentage
Pre -maturity	53.5
Respiratory Infection of New Born	17.0
Diarrhoea of New Born	7.4
Congenital Malformation	3.0
Birth Injury	2.0
Cord Infection	3.1
Non-classifiable	14.0
Total	100.0

Source i) The Survey of the Causes of Death (Rural : 1995) Office of the Registrar General of India, New Delhi.

Table 14.6 Empowerment of Women and Development of Children
Sex Ratio of Total Population and Population Aged 0-6 Years, Major States—1961-91

State/Union Territory	1961		1971		1981		1991	
	Total Population	Population 0-6 years	Total Population	Population 0-6 years	Total Population	Population 0-6 years	Total Population	Population 0-6 years
India*	943	976	931	964	935	962	927	945
States								
Andhra Pradesh	981	1002	977	990	975	992	972	974
Bihar	994	988	954	964	946	981	911	959
Gujarat	940	955	934	946	942	947	934	928
Haryana	868	910	867	898	870	902	865	879
Karnataka	959	987	957	978	963	975	960	960
Kerala	1,022	972	1,016	976	1,032	970	1,036	958
Madhya Pradesh	953	982	941	976	941	978	931	952
Maharashtra	936	978	930	972	937	956	934	946
Orissa	1,001	1,035	988	1,168	981	995	971	967
Punjab	854	894	865	899	879	908	882	875
Rajasthan	908	951	911	933	919	954	910	916
Tamil Nadu	992	985	978	974	977	967	974	948
Uttar Pradesh	909	946	879	923	885	935	879	928
West Bengal	878	1008	891	1,010	911	981	917	967
Union Territories								
Delhi	785	923	801	909	808	926	827	915

Note i) *: Excludes Assam and Jammu & Kashmir

Source ii) Census of India 1991, Series - I India, paper 2 of 1992, Final Population Totals, Brief analysis of Primary Census Abstract, Registrar General and Census Commissioner, India.

Table 14.7 Empowerment of Women and Development of Children
School Drop-out Ratio

Year	Primary (I - V)			Primary (VI - VIII)		
	Girls	Boys	Total	Girls	Boys	Total
1980-81	62.5	56.2	58.7	79.4	88.0	72.7
1990-91	46.0	40.1	42.6	65.1	59.1	60.9
1997-98	41.3	38.2	39.6	58.6	50.7	54.1

Source i) Department of Education, GOI, New Delhi.

Empowerment of Women and Development of Children Table 14.8

Expectation of Life at Birth by Sex, India and Major States (Total, Rural & Urban)—1989-1993

Major States	Total			Rural			Urban		
	Male	Female	Person	Male	Female	Person	Male	Female	Person
India *	59.0	59.7	59.4	57.9	58.1	58.0	63.5	66.3	64.9
Andhra Pradesh	59.5	61.5	60.6	58.8	60.4	59.7	62.7	65.6	64.2
Assam	54.6	55.3	54.9	53.9	54.6	54.1	63.0	64.1	63.3
Bihar	59.7	57.2	58.5	58.9	56.3	57.7	64.1	66.9	65.2
Gujarat	59.0	61.1	60.1	58.4	59.6	59.1	60.2	64.0	62.0
Haryana	62.5	63.7	62.9	62.0	62.4	62.1	65.1	69.2	67.0
Himachal Pradesh	63.6	63.6	63.6	63.5	63.7	63.6	64.3	67.7	66.1
Karnataka	60.2	63.5	61.9	58.6	61.7	60.1	64.8	67.1	66.1
Kerala	68.8	74.7	72.0	68.7	73.9	71.8	68.8	74.8	72.8
Madhya Pradesh	54.1	53.8	54.0	52.7	51.8	52.3	60.3	62.4	61.9
Maharashtra	63.0	65.4	64.2	61.1	63.1	60.0	66.1	70.3	68.2
Orissa	55.7	55.3	55.5	55.3	54.6	54.9	61.4	65.7	63.6
Punjab	65.2	67.6	66.4	64.8	66.5	65.5	66.4	71.1	69.8
Rajasthan	57.4	58.5	58.0	55.6	55.8	55.6	63.4	63.3	63.2
Tamil Nadu	61.4	63.4	62.4	60.1	61.1	60.5	64.6	68.4	66.3
Uttar Pradesh	56.5	55.1	55.9	55.9	53.9	55.0	59.8	61.4	60.4
West Bengal	60.8	62.3	61.5	59.2	61.1	60.0	66.6	68.3	66.8

Note i) *: Excludes J & K.

Source ii) Sample Registration System based life tables 1989-93 Office of the Registrar General, India, New Delhi.

Empowerment of Women and Development of Children Table 14.9

School Enrolment by Stages/Classes for Boys & Girls (1951-1997)

(in Millions)

Year	Gross Enrolment Ratios					
	Primary (I - V)			Middle (VI - VIII)		
	Girls	Boys	Total	Girls	Boys	Total
1950-51	5.4	13.8	19.2	0.5	2.6	3.1
1960-61	11.4	23.6	35.0	1.6	5.1	6.7
1970-71	21.3	35.7	57.0	3.9	9.4	13.3
1980-81	28.5	45.3	73.8	6.8	13.9	20.7
1990-91	85.5	113.9	100.1	47.8	76.6	62.1
1997-98	81.2	97.7	89.7	49.5	66.5	58.5

Source i) Department of Education, MHRD (GOI), New Delhi.

Table 14.10 Empowerment of Women and Development of Children
Age at Effective Marriage of Females of Major States (Total, Rural & Urban)

Major States	Total			Rural			Urban		
	1991	1992	1993	1991	1992	1993	1991	1992	1993
India *	19.5	19.5	19.6	19.2	19.3	19.4	20.6	20.2	20.5
Andhra Pradesh	18.2	17.8	17.8	17.9	17.6	17.6	19.2	15.8	18.9
Assam	20.5	21.3	20.9	20.3	20.8	20.5	22.0	23.5	23.2
Bihar	18.8	19.0	18.9	18.6	18.9	18.9	19.6	20.2	19.4
Gujarat	20.2	20.3	19.9	20.1	20.1	19.8	20.7	21.2	20.6
Haryana	19.2	10.0	18.9	18.9	18.7	18.5	20.3	20.4	20.7
Himachal Pradesh	19.9	20.3	20.4	19.6	20.0	20.1	21.7	21.7	21.3
Karnataka	19.4	19.4	19.4	19.1	19.1	19.1	20.3	20.6	20.5
Kerala	22.0	22.1	22.0	22.0	22.1	22.1	22.2	22.4	21.8
Madhya Pradesh	18.6	18.4	18.8	18.3	18.2	18.6	20.3	19.7	20.6
Maharashtra	18.9	19.0	18.8	18.4	18.5	18.3	20.4	20.5	20.1
Orissa	19.8	20.7	20.0	19.7	20.2	20.0	20.7	23.3	23.3
Punjab	20.4	20.5	20.6	20.3	20.2	20.5	20.8	21.2	20.8
Rajasthan	17.9	18.3	18.4	17.8	18.2	18.4	18.7	19.1	18.6
Tamil Nadu	20.3	20.3	20.1	20.1	20.0	19.8	20.7	21.0	20.8
Uttar Pradesh	19.1	19.3	19.3	18.8	19.1	19.2	20.7	20.8	20.1
West Bengal	19.3	19.4	19.4	18.9	19.1	19.2	21.1	21.5	21.5

Note i) *: Excludes J & K.

Source i) Sample Registration System, Fertility and Mortality Indicators 1991, 1992 and 1993. Office of the Registrar General India, New Delhi.

Table 14.11 Empowerment of Women and Development of Children
Labour Force in the Organised and Unorganised Sectors in 1991

Sector	Female		Male		Total	
	Actual	%	Actual	%	Actual	%
Organised	3.78	4.20	22.95	10.20	26.73	8.50
Un-organised	85.99	95.80	201.41	89.80	287.40	91.50
Total	89.77	100.00	224.36	100.00	314.13	100.00

(Figures in Million)

Source i) Computed based on the Census data and of the Director General of Employment and Training, Government of India, New Delhi.

Empowerment of Women and Development of Children Table 14.12
Number of Married Couples with Wife Aged 15-44 Years

(in '000)

Age of Wife	Number of Married Couples					
	Rural		Urban		Total	
	1981	1991	1981	1991	1981	1991
15-19	10,929	10,795	2,178	2,189	13,107	12,983
20-24	18,445	23,034	5,491	7,203	23,936	30,236
25-29	17,652	23,816	5,928	8,784	23,580	32,600
30-34	15,094	19,808	4,667	7,295	19,761	27,103
35-39	13,569	17,001	4,106	6,453	17,674	23,454
40-44	11,154	13,358	3,045	4,513	14,199	17,871
Total (15-44)	86,843	107,812	25,413	36,436	112,257	144,248

Note i) 1981 figures exclude Assam and 1991 exclude J & K.

ii) Figures may not add up to column totals, due to rounding off.

Source i) Census of India 1991, Series-I India, Office of the Registrar General.

ii) Family Welfare Programme in India - Year Book 1984-85. Department of Family Welfare, Ministry of Health and Family Welfare, Government of India, 1986.

Empowerment of Women and Development of Children Table 14.13
Work Participation Rates (1971-91)

Year	Components	Females	Males	Persons
1971	Total	14.22	52.75	34.17
	Rural	5.92	53.78	35.33
	Urban	7.18	48.88	29.61
1981	Total	19.67	52.62	36.70
	Rural	23.06	53.77	38.79
	Urban	8.31	49.06	29.99
1991	Total	22.27	51.61	37.50
	Rural	26.79	52.58	40.09
	Urban	9.19	48.92	30.16

Note i) Excludes Assam and J & K.

ii) 1971 figures are totals of workers and non-workers with secondary work whereas, 1981 and 1991 figures are totals of main and marginal workers.

Source i) Census of India, Series - 1, Registrar General of India, New Delhi.

Table 14.14 Empowerment of Women and Development of Children
Representation of Women in Premier Services (1987 - 1997)

Service	1987			1997		
	Total	Females	Percentage	Total	Females	Percentage
IAS	4,204	339	7.5	4,991	512	10.2
IPS	2,418	21	0.9	3,045	67	2.2
IFS	480	53	10.0	575	71	12.3
Total	7,102	413	5.8	8,611	650	7.5

Source i) Ministry of Home Affairs, Ministry of External Affairs, Department of Personnel, GOI, New Delhi.

Table 14.15 Empowerment of Women and Development of Children
Incidence of Crimes against Women by Crime Head 1990-97

Crime Head	1990	1991	1992	1993	1994	1995	1996	1997	%age Variation in 97 Over 96
Rape	9,518	9,793	11,112	11,242	12,351	13,754	14,846	15,330	3.3
Kidnapping & Abduction	11,699	12,300	12,077	11,837	12,998	14,063	14,877	15,617	5.0
Dowry Deaths	4,836	5,157	4,962	5,817	4,935	5,092	5,513	6,006	8.9
Torture	13,450	15,949	19,750	22,064	25,946	31,127	35,246	36,592	3.8
Molestation	20,194	20,611	20,385	20,985	24,117	28,475	28,939	30,764	6.3
Sexual Harassment	8,620	10,283	10,751	12,009	10,496	4,756	5,671	5,796	2.2
Importation of Girls*	—	—	—	—	167	191	182	78	-57.1
Sati Prevention Act*	—	—	—	—	2	1	0	1	100.0
Immoral Traffic (Prevention) Act	—	—	—	—	7,547	8,447	7,706	8,323	8.0
Indecent Representation of Women *	—	—	—	—	389	539	96	73	-24.0
Dowry Prohibition Act	—	—	—	—	—	2,814	2,647	2,685	1.4
Total Crimes Against Women	68,317	74,093	79,037	83,954	98,948	109,259	115,723	121,265	4.8

Source i) National Crime Records Bureau, Government of India.

Empowerment of Women and Development of Children Table 14.16
Representation of Women in Parliament (1952-98)

Lok Sabha			Rajya Sabha		
Year	Females	Males	Year	Females	Males
1952	22	475	1952	15	201
1980	28	514	1984	24	209
1991	39	486	1990	24	221
1996	39	501	1996	19	219
1998	41	543	1998	18	218

Source i) Election Commission of India.

Empowerment of Women and Development of Children Table 14.17
Women in Organised Sector (1971-97)

(Figures in Lakh)

Year	Public Sector		Private Sector		Total	
	Women	Men	Women	Men	Women	Men
1971	8.6 (8.0)	98.7 (92.0)	10.8 (16.0)	56.8 (84.0)	19.3 (11.0)	155.6 (89.0)
1981	14.99 (9.7)	139.85 (90.3)	12.95 (17.5)	61.01 (82.5)	27.93 (12.2)	200.52 (87.8)
1991	23.47 (12.3)	167.1 (87.7)	14.34 (18.7)	62.43 (81.3)	37.81 (14.1)	229.52 (85.9)
1997	26.11 (13.8)	162.57 (86.2)	17.77 (20.4)	69.2 (79.6)	43.88 (15.9)	231.77 (84.1)

Note i) Figures in parenthesis are percentages.

Source i) Director General of Employment and Training, Ministry of Labour, GOI, New Delhi.

Table 14.18 Empowerment of Women and Development of Children
Number of Candidates Contested and Elected to the State Legislative Assemblies by Sex

States/Union territories	1984 - 85				1987 - 88			
	Contested		Elected		Contested		Elected	
	Men	Women	Men	Women	Men	Women	Men	Women
States								
Andhra Pradesh	1,895	77	284	10	—	—	—	—
Arunachal Pradesh	110	5	30	—	—	—	—	—
Assam	1,104	29	121	5	—	—	—	—
Bihar	4,134	104	309	15	—	—	—	—
Goa	232	10	29	1	—	—	—	—
Gujarat	1,095	42	166	16	—	—	—	—
Haryana	—	—	—	—	1,287	35	85	5
Himachal Pradesh	284	10	216	8	—	—	—	—
Jammu & Kashmir	—	—	—	—	515	13	75	1
Karnataka	—	—	—	—	—	—	—	—
Kerala	—	—	—	—	1,220	34	132	8
Madhya Pradesh	2,374	76	272	16	—	—	—	—
Maharashtra	2,147	83	60	—	—	—	—	—
Manipur	359	5	139	8	—	—	—	—
Meghalaya	—	—	—	—	268	3	58	2
Mizoram	—	—	—	—	141	4	39	1
Nagaland	—	—	—	—	211	3	59	1
Orissa	775	25	113	4	—	—	—	—
Punjab	824	33	184	16	—	—	—	—
Rajasthan	1,458	46	32	—	—	—	—	—
Sikkim	184	11	226	8	—	—	—	—
Tamil Nadu	1,453	46	394	31	—	—	—	—
Tripura	—	—	—	—	213	7	58	2
Uttar Pradesh	5,850	169	28	2	—	—	—	—
West Bengal	—	—	—	—	1,461	36	281	13
Union Territories								
Delhi	—	—	—	—	—	—	—	—
Pondicherry	115	4	29	1	—	—	—	—
Total	24,393	775	2,632	141	5,316	135	787	33

Source i) Election Commission, New Delhi.

Empowerment of Women and Development of Children Table 14.18

1989 - 90				1991 - 92				1993 - 94			
Contested		Elected		Contested		Elected		Contested		Elected	
Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1,634	70	277	17	—	—	—	—	3,104	127	287	7
168	2	58	2	—	—	—	—	—	—	—	—
—	—	—	—	1,607	50	131	5	—	—	—	—
6,482	147	316	8	—	—	—	—	—	—	—	—
243	9	38	2	—	—	—	—	301	10	36	4
1,836	53	178	4	—	—	—	—	—	—	—	—
—	—	—	—	1,844	41	84	6	—	—	—	—
436	18	64	4	—	—	—	—	399	17	65	3
—	—	—	—	—	—	—	—	—	—	—	—
1,964	79	214	10	—	—	—	—	2,380	118	117	7
—	—	—	—	783	26	132	8	—	—	—	—
4,062	154	309	11	—	—	—	—	3,562	167	308	12
3,616	148	282	6	—	—	—	—	—	—	—	—
282	6	59	1	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	283	7	59	1
158	4	40	—	—	—	—	—	118	3	40	—
140	—	60	—	—	—	—	—	177	1	60	—
871	42	140	7	—	—	—	—	—	—	—	—
—	—	—	—	557	22	111	6	—	—	—	—
2,995	93	189	11	—	—	—	—	2,341	96	190	9
113	5	30	2	—	—	—	—	175	9	31	1
2,968	78	224	10	2,741	102	202	32	—	—	—	—
—	—	—	—	—	—	—	—	392	15	59	1
5,896	206	407	18	7,622	229	409	10	9,456	260	408	14
—	—	—	—	1,829	74	273	21	—	—	—	—
—	—	—	—	—	—	—	—	1257	59	67	3
206	6	30	—	202	6	29	1	—	—	—	—
34,070	1,120	2,915	113	17,185	550	1,371	89	23,945	889	1,727	62

Table 14.19 Empowerment of Women and Development of Children
Women's Participation in Panchayati Raj Bodies of States—1991-97

States	Year of Election	Total			Women		
		GP	PS	ZP	GP	PS	ZP
Andhra Pradesh	1995	242,928 (20,244)	4,026 (1,100)	1,091 (22)	73,513	4,776	351
Arunachal Pradesh	1992	5,733 (NA)	1,205 (78)	77 (11)	86	39	—
Assam	1992	24,860 (2,486)	2,850 (199)	430 (23)	8,278	949	143
Goa	1992	1,281 (183)	—	20	427	—	7
Gujarat	1995	64,052 (13,256)	3,765 (183)	764 (19)	21,351	1,275	254
Haryana	1994	54,159 (5,958)	2,418 (110)	303 (16)	17,928 (1,574)	807 (34)	101 —
Himachal Pradesh	1995	18,258 (2,921)	1,661 (72)	252 (12)	6,080	543	83
Karnataka	1993(GP) 1995 (PS&ZP)	78,426 (NA)	3,340 (NA)	919 (NA)	34,073 (1,877)	1,343 (59)	335 (7)
Kerala	1995	10,865 (990)	1,543 (152)	300 (14)	3,954	564	105
Madhya Pradesh	1994	443,429 (30,922)	9,097 (459)	946 (45)	150,181 (11,953)	3,109 (123)	319 (9)
Maharashtra	1992 (PS&ZP) 1993 (ZP)	220,856(26854)	4,308 (297)	NA (29)	73,545	1,435	579
Manipur	1991	747 (166)	197 (9)	—	249	66	—
Orissa	1997	81,108	5,262	854	27,036	1,754	284
Punjab	1993(GP) 1995(PS&ZP)	90,565 (NA)	2,441 (NA)	274 (NA)	23,990 (158)	326 (47)	89 (5)
Rajasthan	1995	112,897 (9,185)	5,257 (237)	997 (31)	33,566 (3,064)	1,740 (86)	331 (10)
Sikkim	1993	827 (148)	—	153 (4)	275	—	65
Tamil Nadu	1996	40,734 (12,584)	6,504 (384)	649 (26)	13,578	2,168	216
Tripura	1994	5,421 (NA)	196 (NA)	70 (NA)	1,805 (184)	67 (6)	24 (1)
Uttar Pradesh	1995	106,895 (58,605)	52,417 (901)	2,127 (66)	120,591	18,883	793
West Bengal	1993	61,398 (NA)	9,516 (NA)	664 (NA)	21,742 (NA)	3,202 (NA)	227 (NA)

Note i) GP: Gram Panchayat; PS: Panchayat Samitis; ZP: Zilla Panchayat; NA: Not Available; ii) Figures in brackets indicate the chairpersons among the elected among the elected members.; iii) Figures under head Women include SC, ST & BCs.; iv) For Andhra Pradesh, Assam, Goa, Gujarat, Himachal Pradesh, Kerala, Manipur, Maharashtra, Orissa, Sikkim, Tamil Nadu and Uttar Pradesh the information is as furnished by Institute of Social Sciences. Information on Backward Classes elected and Chairpersons among women, SC and ST members are not available for these States. For Tamil Nadu and Orissa number of

Empowerment of Women and Development of Children **Table 14.19**

Scheduled Castes			Scheduled Tribe			Backward Classes		
GP	PS	ZP	GP	PS	ZP	GP	PS	ZP
38,674	2,233	174	15,304	884	69	NA	NA	NA
—	—	—	5,733 (NA)	1,205 (78)	77 (11)	—	—	—
1,839	210	31	3,187	365	55	NA	NA	NA
27	—	—	—	—	—	NA	NA	NA
4,739	279	57	9,550	561	114	NA	NA	NA
11,793 (1,199)	519 (21)	64 (3)	— —	— —	— —	5,648 —	110 —	16 —
4,625	421	64	777	70	11	NA	NA	NA
10,539 (1,029)	601 (32)	165 (40)	6,878 (296)	169 (9)	47 (1)	26,275 (1,874)	1,117 (58)	306 (7)
1,058	153	30	118	17	3	NA	NA	NA
64,997 (4,530)	1,345 (41)	143 (5)	132,638 (9,050)	2,780 (92)	267 (9,100)	75,410 (5,389)	1,541 (47)	164 (6)
24,493	478	193	20,319	396	160	NA	NA	NA
15 NA	4 NA	— NA	257 NA	68 NA	— NA	NA NA	NA NA	NA NA
20,727 (870)	338 (37)	84 (3)	— —	— —	— —	53,03 (990)	99 NA	5 NA
17,902 (1,643)	943 (41)	177 (6)	15,616 (1,477)	804 (36)	154 (5)	13,137 (1,060)	625 (35)	119 (5)
49	—	12	185	—	44	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
118 (89)	48 (3)	15 (1)	415 (163)	26 (2)	7 —	— —	— —	— —
85,611	11,029	448	814	105	4	NA	NA	NA
16,966 (NA)	2,734 (NA)	184 (NA)	4,114 (NA)	676 (NA)	47 (NA)	—	—	—

women Scheduled Castes and ST members is not available. For Maharashtra, Orissa and Tamil Nadu the figures for women members are only approximate based on one—third reservation. Goa has only 2—tier system of Gram Panchayats and Zilla Panchayats. In Manipur ZP's are not constituted.; (v) Haryana and Punjab have no scheduled tribe population. In Punjab Gram Panchayat election were held before the 73rd Constitutional Amendment.

Source i) Department of Rural Development, Ministry of Rural Areas & Employment.; ii) PRI Data Centre, Institute of Social Sciences.

Chapter 15 Empowerment of Socially Disadvantaged Groups

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The tables in this Chapter compile information on the socio-economic status of Scheduled Castes and Scheduled Tribes at various points of time. In particular, information is available on their literacy rates, enrolment and dropout rates of children, their representation in services, and crimes against them as also their incidence of poverty. Information has been compiled for population of disabled by type of disabilities. In addition, provisioning of plan funds for special component plan and the tribal sub-plan has also been tabulated.

Empowerment of Socially Disadvantaged Groups Table 15.1

Literacy Rates of SCs and STs—The Gains and the Gaps

Chart 15.1 on page 173

Category	1971	1981	1991*	% age Increase of 1991 over 1971
General Population Including SC/ST	29.45	36.23	52.21	77.28
Scheduled Castes	14.67	21.38	37.41	155.01
Scheduled Tribes	11.30	16.35	29.60	161.95
Gap Between SCs and the General Population	14.78	14.85	14.80	0.14
Gap Between STs and the General Population	18.15	19.88	22.61	24.67

Note i) *: Excludes 0 - 6 age group.

Source i) Educational Development of SCs and STs, Department of Education, 1995.

Chart 15.1

Literacy Rates of SCs and STs

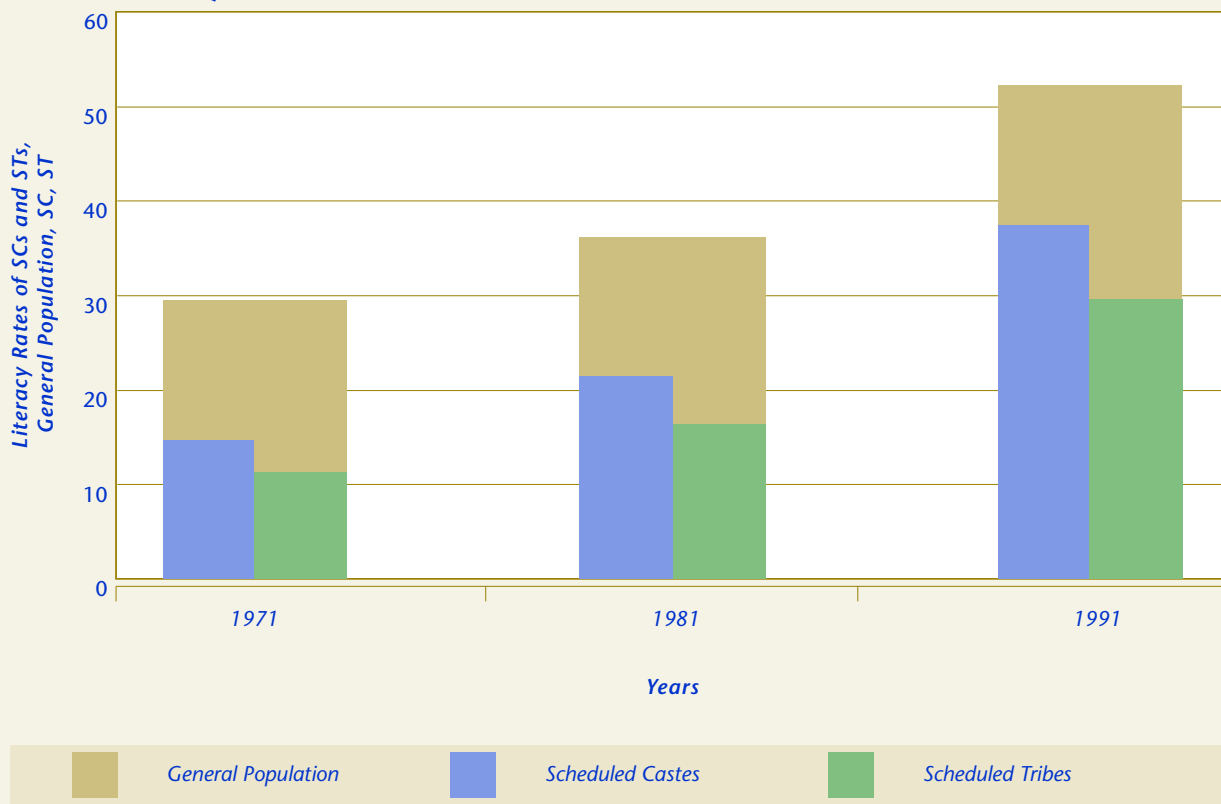


Chart for Table 15.1

Table 15.2 Empowerment of Socially Disadvantaged Groups
Female Literacy Rates of SCs, STs and General Population

Chart 15.2 on page 174

Category	1971	1981	1991*
Female Literacy Rates All Communities Including SC/ST	21.97	29.85	39.29
Scheduled Castes	6.44	10.93	23.76
Scheduled Tribes	4.85	8.04	18.19
Gap Between Female Literacy Rate of SCs and of All Communities	15.53	18.92	15.53
Gap Between Female Literacy Rate of STs and of All Communities	17.12	21.81	21.10

Note i) *: Excludes 0 - 6 age group

Source i) Educational Development of SCs and STs, Department of Education, 1995.

Chart 15.2

Female Literacy Rates of SCs and STs

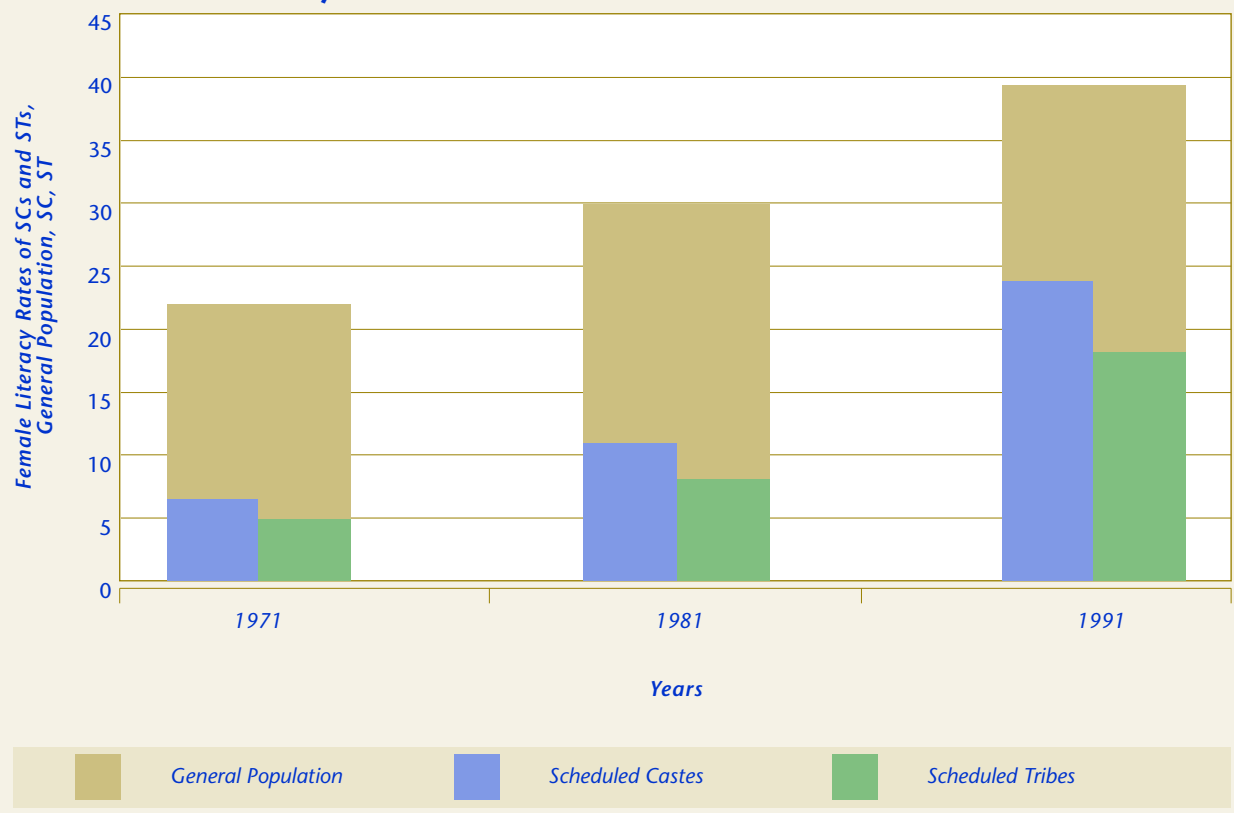


Chart for Table 15.2

Empowerment of Socially Disadvantaged Groups Table 15.3
Gross Enrolment Ratios of SCs and STs and General Population

Levels/Years	General Population			Scheduled Castes			Scheduled Tribes		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1980-81									
I - V (6 - 11 Years)	95.8	64.1	80.5	105.4	57.8	82.2	94.2	45.9	70.0
VI - VIII (11 - 14 Years)	54.3	28.6	41.9	41.4	16.2	29.1	28.2	10.8	19.5
1990-91									
I - V (6 - 11 Years)	114.0	85.5	100.1	122.7	80.6	102.2	126.8	78.6	103.4
VI - VIII (11 - 14 Years)	76.6	47.0	62.1	61.4	33.3	47.7	51.3	27.5	39.7
1995-96									
I - V (6 - 11 Years)	114.5	93.3	104.3	127.6	95.1	111.9	130.0	94.9	113.0
VI - VIII (11 - 14 Years)	79.5	54.9	67.6	74.9	46.8	61.3	61.6	37.6	50.0
Pace of Progress									
I - V (Primary Level)	18.7	29.2	23.8	22.2	37.3	29.7	35.8	49.0	43.0
VI - VIII (Middle Level)	25.2	26.3	25.7	33.5	30.6	32.2	33.4	26.8	30.5

Source i) Selected Education Statistics, 1995-96, Department of Education, New Delhi.

Table 15.4 Empowerment of Socially Disadvantaged Groups
Drop-Out Rates Amongst SCs and STs at Various Stages of Education

Category	(Classes I - V)		(Classes I -VIII)		(Classes I - X)	
	1980-81	1989-90	1980-81	1990-91	1980-81	1990-91
General	58.70	48.08	72.70	63.40	82.46	71.34
SC	60.16	49.03	76.84	72.09	86.91	80.58
ST	75.66	63.81	86.71	80.10	91.18	86.00

Note i) Since the latest data on the dropout rates of SCs and STs is available only for 1990-91, data for General Population was also used for the same year for effective comparison.

ii) Figures for 1990-91 in respect of SCs and STs are not available for primary level.

Source i) Educational Development of SCs and STs (1995) and Unpublished Data of the Department of Education.

Table 15.5 Empowerment of Socially Disadvantaged Groups
Representation of SCs and STs in the Services (1974 - 1994)

Category	Group of Services				
	A	B	C	D	Total
(As on 1.1.1974)					
Total	33,672	52,343	1,566,796	1,242,548	2,895,359
SC	1,094 (3.25)	2,401 (4.59)	161,775 (10.33)	230,203 (18.53)	395,473 (13.66)
ST	155 (0.57)	258 (0.49)	33383 (2.13)	47679 (3.84)	81475 (2.81)
(As on 1.1.1984)					
Total	—	—	—	—	3,303,342
SC	—	—	—	—	527,573 (15.97)
ST	—	—	—	—	149,391 (4.52)
(As on 1.1.1994)					
Total	59,016	103,198	2,381,613	1,023,285	3,567,112
SC	6,046 (10.25)	12,442 (12.06)	374,758 (15.73)	209,423 (20.46)	602,670 (16.90)
ST	1,727 (2.92)	2,902 (2.81)	128,228 (5.38)	62,945 (6.15)	195,802 (5.84)

Note i) Figures in parenthesis indicate percentage of SCs and STs to the total population.

Source i) Department of Administrative Reforms & Public Grievances, Annual Report, 1994.

Empowerment of Socially Disadvantaged Groups Table 15.6**Percentage of Population Living Below Poverty Line**

Category	1983-84	1993-94	Percentage Decrease
General	44.48	35.97	(-)8.51
SCs	57.60	48.37	(-)9.23
STs	63.14	51.14	(-)12.00

Note i) The aggregate poverty ratio of SC and ST population 1983-84 has been worked out as a weighted average of rural and urban poverty ratio using 1981 Census population of the respective Groups in rural and urban areas as weights. In a similar way, 1991 Census population is used to obtain aggregate poverty ratio for these two groups in 1993-94.

Source i) Perspective Planning Division, Planning Commission, New Delhi.

Empowerment of Socially Disadvantaged Groups Table 15.7**Flow of Funds Through SCP, TSP and SCA During Seventh and Eighth Plan**

Items	Seventh Plan (1985-90)	Eighth Plan (1992-97)	
	Flow of Funds	Outlays*	Flow of Funds
Special Component Plan (SCP) for SCs			
Flow from Central Plan (in Respect of 13 Ministries/ Departments)	625.09	37,687.00	10,471.00
Flow from State Plan (in Respect of 24 States/Union territories)	7,385.42	202,850.19	21,921.53
Tribal Sub-Plan (TSP) for STs			
Flow from Central Plan (in Respect of 17 Ministries/ Departments)	N.A.	68,924.14	5,516.56
Flow from State Plan (in Respect of 20 States/Union territories)	6,216.76	174,245.02	17,061.93
Special Central Assistance (SCA) to SCP and TSP			
CA to SCP	930.00	—	1,125.00
SCA to TSP	756.00	—	1,250.00

Note i) *: Includes the outlays of the Eighth Plan in respect of only those Ministries/Departments and States/Union Territories which were earmarking funds under SCP and TSP.

Source i) Ministry of Social Justice and Empowerment.

Table 15.8 Empowerment of Socially Disadvantaged Groups**Outlays and Expenditure on Social Services**

(Rs. Crores)

Plan Period		Welfare of SCs STs and OBCs	Social Security & Welfare, Women & Child Development (WCD)	Women & Child Development (WCD)*
First Plan (1951-56)	Outlay	39.00	5.00	*
	Actuals	30.00	1.60	
Second Plan (1956-61)	Outlay	90.00	29.00	*
	Actuals	79.00	13.40	
Third Plan (1961-66)	Outlay	114.00	28.00	*
	Actuals	99.14	19.14	
Annual Plan (1966-69)	Outlay	62.00	12.08	*
	Actuals	68.49	7.38	
Fourth Plan (1969-74)	Outlay	171.29	41.38	*
	Actuals	141.00		
Fifth Plan (1974-78)	Outlay	227.89	63.53	*
	Actuals	226.00		
Annual Plan (1978-79)	Outlay	99.09	20.11	*
	Actuals	99.94		
Annual Plan (1979-80)	Outlay	98.84	18.32	*
	Actuals	86.40		
Sixth Plan (1980-85)	Outlay	1,479.00	150.00	*
	Actuals	1,480.00		
Seventh Plan (1985-90)	Outlay	3,206.55	799.97	*
	Actuals	3,567.60		
Annual Plan (1990-91)	Outlay	1,039.98		*
	Actuals	838.75		
Annual Plan (1991-92)	Outlay	752.22	*	
	Actuals			
Eighth Plan (1992-97)	Outlay	7,266.26	375.00	2,010.00
	Actuals		293.34	3,359.81
Ninth Plan (1997-2002)	Outlay	16,999.93	7,810.42	

Note i) *: Included in Social Security & Welfare and Women & Child Development.

Source i) Five Year Plan Document, Planning Commission.

Empowerment of Socially Disadvantaged Groups Table 15.9**Type and Magnitude of Various Disabilities as per the Nation-wide Sample Surveys of NSSO**

(Figures in Lakhs)

Type of Disability	1981		1991	
	Actual Number	Percentage	Actual Number	Percentage
Locomotor (with or without other disability)	54.27	39.70	80.44	49.20
Visual (with or without other disability)	34.74	25.40	36.26	22.20
Hearing (with or without other disability - 5 years and above)	30.19	22.10	29.24	17.80
Speech (with or without other disability - 5 years and above)	17.54	12.80	17.68	10.80
Total	136.74	100.0	163.62	100.00
Disabled (with more than one of the 4 disabilities mentioned above)	—	14.50	—	12.40

Note i) As the data of Census and NSSO are non-comparable, data of NSSO for both 1981 and 1991 have been made use of for the comparison above.

Empowerment of Socially Disadvantaged Groups Table 15.10**Crimes Against SCs and STs During 1994 to 1996**

(Figures in '000)

Year	Total Crime in India	Crimes against Scheduled Castes and Scheduled Tribes					
		SCs		STs		Total	
		S.L.	Total *	S.L.	Total *	S.L.	Total *
1994	5510	16.67	33.91 (0.02)	1.38	5.02 (0.09)	18.05	38.93 (0.71)
1995	6000	15.45	33.00 (0.55)	1.55	5.50 (0.09)	17.00	38.50 (0.64)
1996 Provisional	5630	11.04	31.44 (0.56)	0.83	4.97 (0.09)	11.87	36.41 (0.64)

Note i) SL: Refers to crimes registered under the Special Laws (SL), viz. PCR Act, 1955 and the SC (Prevention of Atrocities) Act, 1989.
ii) * Figures in parenthesis (Col.4, 6 and 8) indicate the percentage of total crime against SCs and STs in the total number of crimes in India (Col. 2).

Source i) The Crime in India: 1994 and 1995, 1996, Provisional National Crime Records Bureau, Government of India, New Delhi.

Chapter 16 Social Welfare

	Table Title	Page No.
16.1	Number of Disabled Persons Per 1,00,000 Persons by Sex	181
16.2	Number of Persons who Became Disabled During last 365 days Per 1,00,000 Persons by Sex	181
16.3	Per Thousand Distribution of Households which Reported at Least One Disabled Person	182

The tables in this Chapter give the population of disabled, at State level, by sex, based on National Sample Survey, 1991. Information has been compiled also on the distribution of households in the rural and urban areas reporting persons with one or more disabilities.

Social Welfare Table 16.1

Number of Disabled Persons Per 1,00,000 Persons by Sex

(NSS 47th Round July-December 1991)

States / Union Territories	Rural			Urban		
	Male	Female	Persons	Male	Female	Persons
Andhra Pradesh	2,640	2,354	2,498	2,092	1,712	1,903
Assam	1,408	947	1,200	1,390	,948	1,186
Bihar	1,973	1,125	1,,573	1,740	1,071	1,436
Gujarat	1,786	1,557	1,676	1,720	1,566	1,648
Haryana	2,200	1,665	1,988	1,603	1,105	1,374
Himachal Pradesh	3,580	2,157	2,870	1,268	995	1,144
Karnataka	2,368	1,891	2,131	1,662	1,307	1,494
Kerala	2,280	1,636	1,945	1,927	1,587	1,755
Madhya Pradesh	2,281	1,794	2,051	1,805	1,113	1,475
Maharashtra	2,437	1,927	2,700	1,787	1,408	1,610
Orissa	3,191	2,166	2,306	2,025	2,077	2,049
Punjab	3,418	2,384	2,936	2,025	1,558	1,807
Rajasthan	2,141	1,355	1,767	1,594	1,168	1,126
Tamil Nadu	2,541	2,201	2,372	2,075	1,669	1,874
Uttar Pradesh	2,269	1,441	1,879	1,779	1,210	1,519
West Bengal	2,069	1,484	1,788	1,690	1,283	1,509
All India	2,277	4,694	1,955	1,774	1,361	1,579

Social Welfare Table 16.2

Number of Persons Who Became Disabled During Last 365 Days per 1,00,000 Persons by Sex

(NSS 47th Round July-December 1991)

States / Union Territories	Rural			Urban		
	Male	Female	Persons	Male	Female	Persons
Andhra Pradesh	128	137	132	100	89	94
Assam	39	19	30	31	63	46
Bihar	71	43	57	98	54	78
Gujarat	74	49	62	96	54	76
Haryana	128	61	96	64	50	58
Himachal Pradesh	99	42	71	76	41	60
Karnataka	97	90	93	56	47	52
Kerala	101	85	92	123	48	85
Madhya Pradesh	115	128	121	98	74	87
Maharashtra	124	90	107	106	89	98
Orissa	100	88	94	108	178	141
Punjab	186	120	156	84	62	74
Rajasthan	57	60	58	72	54	63
Tamil Nadu	182	160	171	138	150	144
Uttar Pradesh	71	57	64	49	45	47
West Bengal	84	49	68	71	53	63
All India	99	81	90	90	75	83

Table 16.3 Social Welfare**Per Thousand Distribution of Households Which Reported at Least One Disabled Person**

(NSS 47th Round July-December 1991)

State	Rural			Average Household Size
	No of Disabled Persons = 1	No of Disabled Persons = 2	No of Disabled Persons = 3 orMore	
Andhra Pradesh	914	81	5	4.90
Assam	951	47	2	5.60
Bihar	934	63	3	6.00
Gujarat	936	59	5	6.00
Haryana	900	97	4	6.70
Himachal Pradesh	892	105	3	6.30
Karnataka	923	70	7	6.10
Kerala	934	63	3	5.60
Madhya Pradesh	914	82	5	6.30
Maharashtra	901	95	4	5.60
Orissa	933	66	1	5.30
Punjab	882	113	4	6.30
Rajasthan	913	84	4	6.60
Tamil Nadu	913	83	5	4.50
Uttar Pradesh	925	72	3	6.30
West Bengal	934	60	6	6.00
All India	920	76	4	5.80

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% of Households With Atleast One Disabled Person	Urban			Average Household Size	% of Household With Atleast One Disabled Person
	No of Disabled Persons = 1	No of Disabled Persons = 2	No of Disabled Persons = 3 or More		
9.98	922	69	8	5.30	7.67
9.98	972	25	3	6.00	4.86
5.61	914	84	3	6.80	6.67
7.45	929	65	6	5.70	7.72
8.30	925	71	4	5.50	5.78
9.73	917	79	4	4.80	3.98
13.62	929	67	4	6.10	6.38
10.06	923	73	4	6.90	7.73
8.59	923	73	4	6.50	6.95
9.94	919	75	6	5.40	6.81
9.64	923	66	10	5.30	7.79
10.48	913	82	5	5.60	7.63
13.95	923	72	5	6.40	6.70
8.55	926	70	4	5.00	7.19
9.25	923	72	5	6.50	7.21
8.13	945	84	1	5.60	5.77
9.15	925	70	5	5.80	6.76

← continued from previous page

Chapter 17 Public Distribution System

Table Title	Page No.
17.1 Number of Fair Price Shops and Ration Cards in 1999	185
17.2 Allotment of Rice and Wheat from Central Pool in 1999	186

The information tabulated in this Chapter includes State-wise number of Fair Price Shops, as also the number of ration card holders, below and above poverty line, separately for rural and urban areas. Information has also been compiled on allotment and off take of rice and wheat under PDS from the Central Pool for 1999.

Number of Fair Price Shops and Ration Cards in 1999

State	Fair Price Shops			Ration Cards (In Lakhs)		
	Rural	Urban	Total	APL	BPL	Total
Andhra Pradesh	32,813	7,040	39,853	51.53	113.25	164.78
Arunachal Pradesh	842	103	945	2.52	0.82	3.34
Assam	28,687	3,660	32,347	23.67	18.81	42.48
Bihar	47,293	10,242	57,535	88.74	84.26	173.00
Delhi	428	2,739	3,167	34.45	34.45	
Goa	429	161	590	2.95	0.07	3.02
Gujarat	10,358	3,766	14,124	70.83	33.79	104.62
Haryana	5,189	2,648	7,837	36.33	5.26	41.59
Himachal Pradesh	3,548	277	3,825	8.93	2.86	11.79
Jammu & Kashmir	2,237	689	2,928	10.12	3.36	13.48
Karnataka	14,540	5,353	19,893	46.6	64.81	111.41
Kerala	12,279	1,982	14,261	40.78	20.59	61.37
Madhya Pradesh	20,489	3,652	24,141	90.19	43.59	133.78
Maharashtra	32,400	10,346	42,746	135.75	58.23	193.98
Manipur	1,753	175	1,928	1.13	0.67	1.80
Meghalaya	3,257	572	3,829	0.98	0.97	1.95
Mizoram	886	195	1,081	1.73	1.73	
Nagaland	138	213	351	1.05	0.96	2.01
Orissa	20,824	3,841	24,655	39.90	40.90	80.80
Punjab	9,557	3,896	13,453	47.32	4.89	52.21
Rajasthan	14,041	4,551	18,592	76.92	21.15	98.07
Sikkim	519	359	878	0.68		
Tamil Nadu	20,060	6,220	26,280	99.92	55.00	154.92
Tripura	1,185	174	1,359	4.55	2.31	6.86
Uttar Pradesh	64,393	12,326	76,719	159.96	95.48	255.44
West Bengal	15,839	4918	20,557	109.99	46.25	156.22
Total*	364,385	90,870	455,055	1,191.8	719.48	1,911.94

Note i) *: Includes Union territories.

ii) APL: Above Poverty Line.

iii) BPL: Below Poverty Line.

Source i) Ministry of Food and Consumer Affairs.

Table 17.2 Public Distribution System**Allotment of Rice and Wheat from Central Pool in 1999**

Chart 17.1/17.2 on page 187

('000 tonnes)

State	Rice		Wheat	
	A	O	A	O
Andhra Pradesh	2,350	2,116	137	124
Arunachal Pradesh	109	94	7	6
Assam	620	555	364	312
Bihar	507	236	831	714
Delhi	165	113	695	560
Goa	76	60	34	31
Gujarat	356	251	494	404
Haryana	0	0	157	75
Himachal Pradesh	145	94	140	127
Jammu & Kashmir	387	318	365	138
Karnataka	940	888	300	280
Kerala	1,789	1,626	453	433
Madhya Pradesh	417	306	504	320
Maharashtra	722	666	1,178	1,094
Manipur	123	43	33	31
Meghalaya	210	182	30	30
Mizoram	125	123	24	24
Nagaland	126	115	38	38
Orissa	657	576	435	402
Punjab	12	1	62	8
Rajasthan	47	5	840	449
Sikkim	88	63	11	8
Tamil Nadu	1,311	1,283	360	229
Tripura	200	183	22	18
Uttar Pradesh	632	462	1,319	1,003
West Bengal	567	250	1,047	960
Total*	12,934	10,743	10,115	7,949

Note i) *: Includes Union territories etc.

ii) A: Allotment.

iii) O: Offtake.

Source i) Ministry of Food and Consumer Affairs.

Chart 17.1

Offtake of Rice from Central Pool in 1999

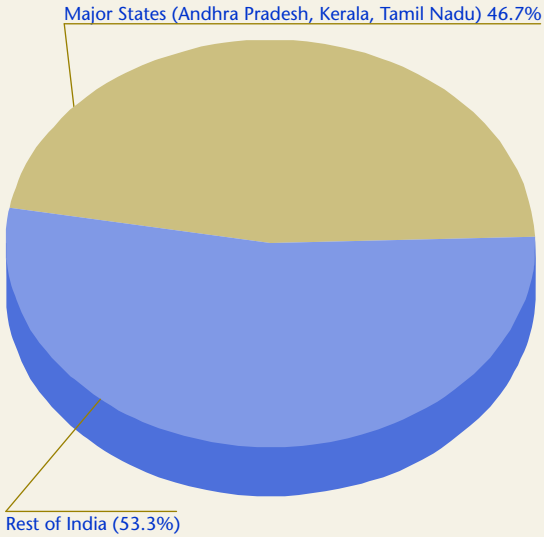


Chart for Table 17.2

Chart 17.2

Offtake of Wheat from Central Pool in 1999

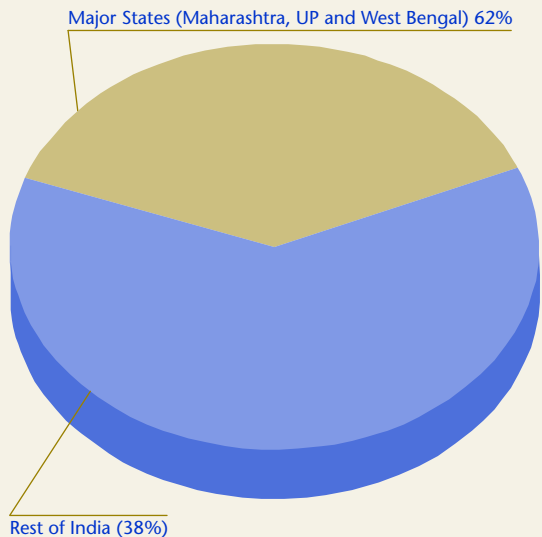


Chart for Table 17.2

Table Title	Page No.
18.1 Progress Under Major Rural Development Programmes	189

A Profile of Rural Development Programmes over the past 50 years of Planning.

The table in this Chapter looks at the progress under major rural development programmes. These programmes have been restructured on many occasions. Till the Fifth Plan Period, programmes like Small Farmers Development Agency (SFDA), Marginal Farmers and Agricultural Labourers (MFAL), Crash Scheme for Rural Employment, Food for Work Programme were in operation for specific periods, however, these generated employment on a very small scale. In the Sixth Plan, the major programmes for upliftment of rural poor were the Integrated Rural Development Programme (IRDP) and allied programmes, National Rural Employment Programme (NREP) and Rural Landless Employment Guarantee Programme (RLEGP). While these programmes continued in the Seventh Plan, the NREP and the RLEGP were merged into a single wage employment programmes called Jawahar Rozgar Yojana (JRY). The Indira Awaas Programme and Million Wells Scheme were also launched during the Seventh Five Year Plan. In the Eighth Plan the programme of Employment Assurance Scheme (EAS) was added. The year 1999-2000, in the Ninth Five Year Plan, witnessed the restructuring of the major rural development programmes, the IRDP along with the allied programmes of TRYSEM, DWCRA, etc. and MWS have been merged into the Swaranyanti Gram Swarozgar Yojana (SGSY) while the JRY has been redesigned as Jawahar Gram Samridhi Yojana (JGSY).

Progress under major Rural Development Programmes

Chart 18.1 on page 191

Years	(NREP+RLEGP)/JRY/JGSY (Lakh Mandays)		IRDP/SGSY (Lakh Families)		EAS (Lakh Mandays)	
	Target	Achievement	Target	Achievement	Target	Achievement
Sixth Plan						
Total Sixth Plan	3,600.00	20,345.50	151.02	165.62		
Seventh Plan						
1985-86	4,337.32	5,639.89	24.71	30.60		
1986-87	5,115.30	7,015.35	35.00	37.47		
1987-88	6,319.73	6,748.80	39.64	42.47		
1988-89	6,030.97	6,915.13	31.94	37.72		
1989-90	8,757.25	8,643.87	29.09	33.51		
Total Seventh Plan	30,560.57	34,963.04	160.38	181.77		
Annual Plans						
1990-91	9,291.04	8,745.59	23.71	28.98		
1991-92	7,354.35	8,092.01	22.52	25.37		
Eighth Plan						
1992-93	7,537.95	7,821.92	18.75	20.69		
1993-94	10,383.26	10,258.40	25.70	25.39		494.74
1994-95	9,865.45	9,517.07	21.15	22.15		2,739.56
1995-96	8,480.05	8,958.25		20.90		3,465.27
1996-97	4,141.37	4,006.32		19.24		4,030.02
Total Eighth Plan	40,408.08	40,561.96		108.37		10,729.59
Ninth Plan						
1997-98	3,867.00	3,958.00		17.07		4,717.74
1998-99	3,966.57	3,752.10		16.64		4,165.31
1999-2000 (P)		1,945.48		9.17	4,091.63	2,624.12

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- Note**
- i) A Profile of the evolution of Rural Development Programmes over the past 50 years of Planning is given in the next page.
 - ii) National Rural Employment Programme (NREP).
 - iii) Rural Landless Employment Guarantee Programme (RLEGP).
 - iv) Jawahar Rozgar Yojana (JRY) w.e.f. 1989-90 by merging NREP and RLEGP.
 - v) Employment Assurance Scheme (EAS).
 - vi) Integrated Rural Development Programme (IRDP).
 - vii) Indira Awaas Yojana (IAY).
 - viii) Million Wells Scheme (MWS).
 - ix) Training of Rural Youth for Self Employment (TRYSEM).
 - x) Development of Women and Children in Rural Areas (DWCRA).
 - xi) Swaranjayanti Gram Swarozgar Yojana (SGSY) w.e.f. 1999-2000 by merging IRDP, TRYSEM, DWCRA and other allied programmes; and MWS Jawahar Gram Samridhi Yojana (JGSY) w.e.f. 1999-2000 by restructuring of JRY.
 - xii) (P): Provisional.

Source i) Ministry of Rural Development.

Table 18.1 **Rural Development****Progress under major Rural Development Programmes**

Chart 18.2 on page 191

	IAY (Lakh Houses)		MWS (Wells Constructed)	TRYSEM (Lakh Trainees)		DWCRA (Groups Formed)	
	Target	Achievement		Target	Achievement	Target	Achievement
Sixth Plan							
Total Sixth Plan	10.09	10.15	6,035	3,308			
Seventh Plan							
1985-86	1.44	0.51			1.78	5,000	6,008
1986-87	1.58	1.60			1.85	7,500	5,545
1987-88	1.58	1.69			1.96	7,500	4,959
1988-89	1.35	1.39	50,345		2.27	7,500	5,968
1989-90	1.51	1.86	87,634		2.11	7,500	5,551
Total Seventh Plan	7.46	7.05	137,979		9.97	35,000	28,031
Annual Plans							
1990-91	1.22	1.82	56,433	4.25	2.36	7,500	7,139
1991-92	1.21	2.07	172,328	4.25	3.07	7,500	9,378
Eighth Plan							
1992-93	1.17	1.93	180,995	3.04	2.76	7,500	9,029
1993-94	2.80	3.73	151,673	3.50	3.04	11,000	15,483
1994-95	3.53	3.90	158,780	3.18	2.82	13,400	37,964
1995-96	11.47	8.64	142,685	3.54	2.91	30,000	37,576
1996-97	11.24	8.06	108,897	2.90	3.64	30,000	41,462
Total Eighth Plan	30.21	26.26	743,030	16.16	15.17	91,900	141,514
Ninth Plan							
1997-98	7.18	7.71	94,790	3.00	2.51	30,000	34,445
1998-99	9.87	8.35	95,164	2.88	1.71	61,850	46,917
1999-2000 (P)	12.72	7.98					

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Chart 18.1

Progress Under NREP/RLEGP/JRY/JGSY, IRDP/SGSY

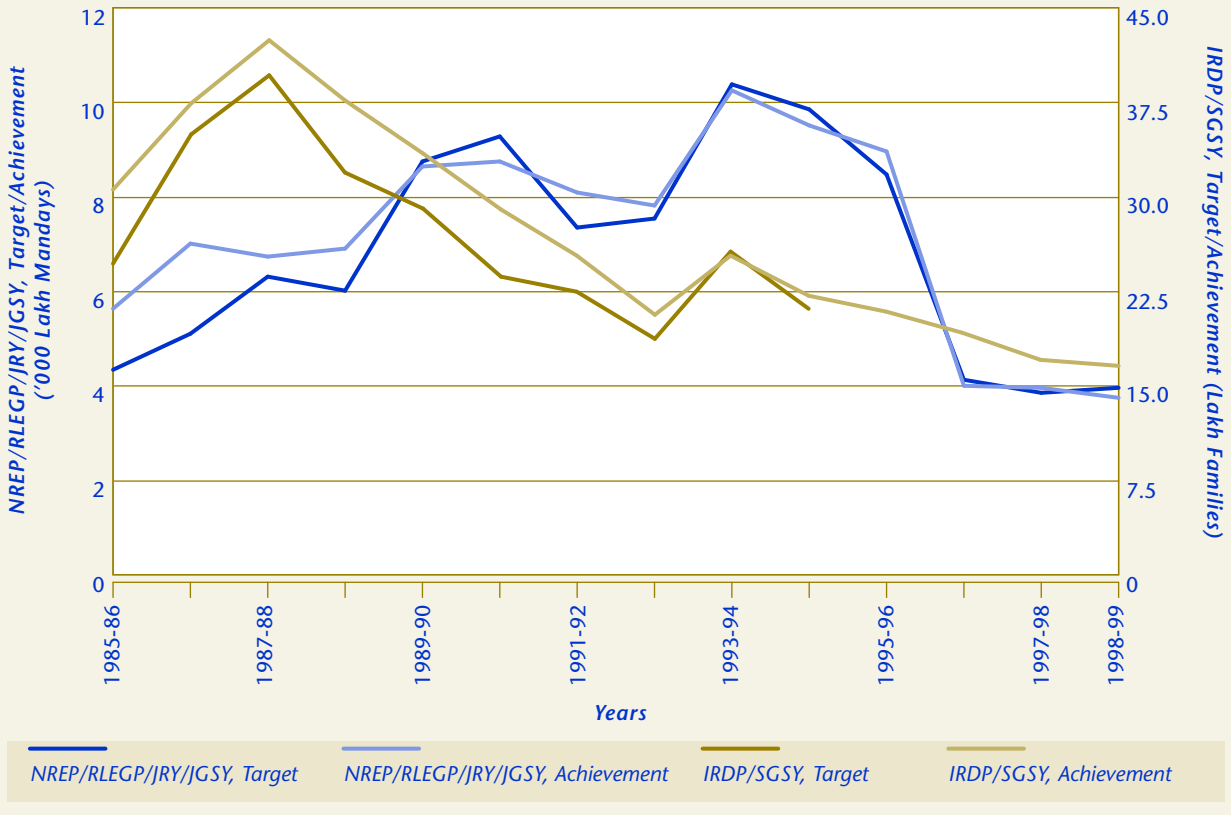


Chart for Table 18.1

Chart 18.2

Progress Under IAY, DWCRA

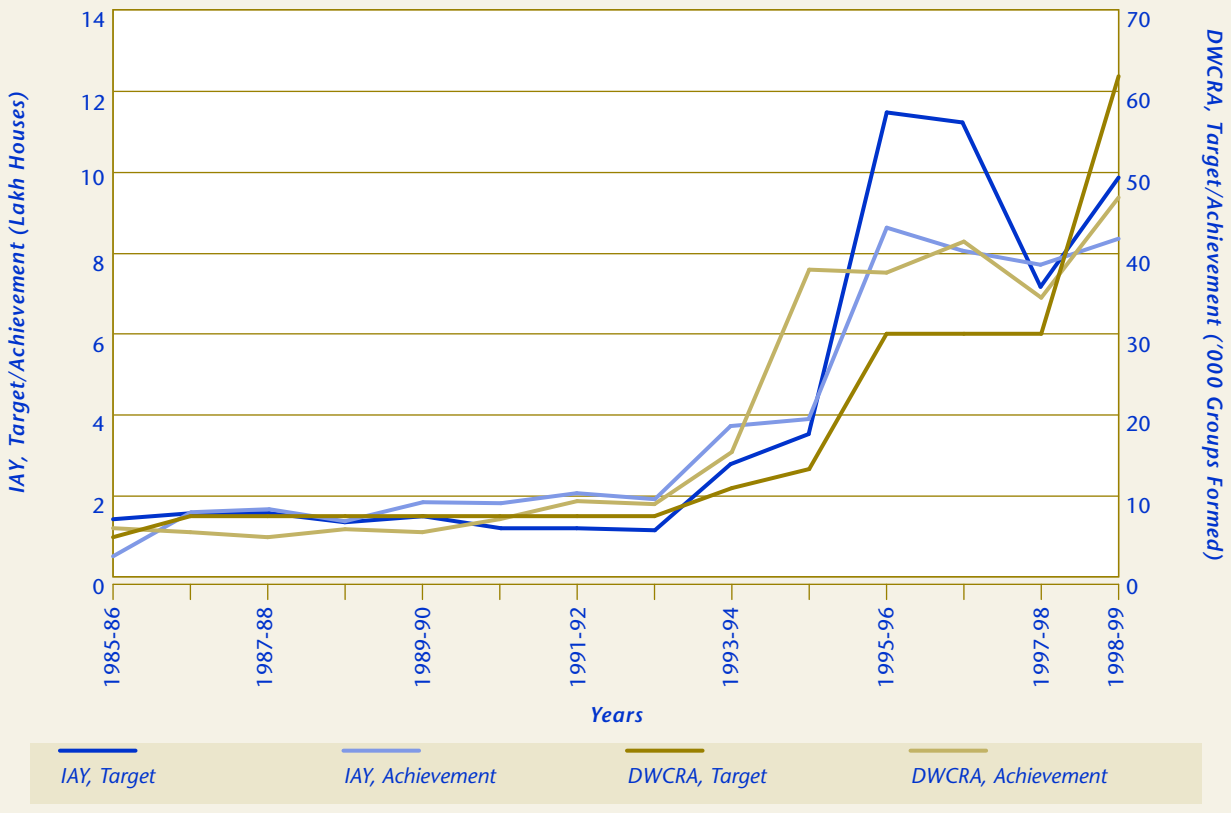


Chart for Table 18.1

Chapter 19 Housing, Water Supply and Sanitation

Table Title	Page No.
19.1 Rural Water Supply	193
19.2 Number of Housing Units/Plots Developed Under Social Housing Scheme	194
19.3 Plan-Wise Expenditure on Water Supply and Sanitation Sector of Centre, States/Union Territories	194

The tables in this Chapter compile information on progress made in housing, water supply and sanitation sector. Provisioning of plan outlays during the successive plans for rural water supply and sanitation as also for urban water supply and sanitation has been tabulated. Information on categorisation of villages in terms of problem villages, villages not covered and villages only partially covered, in respect of rural water supply is also presented.

Housing, Water Supply and Sanitation Table 19.1**Rural Water Supply**

(No in '000)

Item	NC/PC	Number of Villages
Number of revenue villages as per 1971 census		576
No. of identified Problem villages (PVS) as on 1.4.74		113
PVS Covered Prior to the Sixth Plan		94
Total No. of PVS including new Identification as on 1.4.80		231
PVS Covered During the Sixth Plan		192
Total No. of PVS Including New ones as on 1.4.85		162
PVS Covered During VII Plan & A.Ps. 90-92		159
PVS Spilled Over to the VIII Plan		3
PVS covered Prior to 1.4.94		27
No. of villages/habitations As on 1.4.94 (Based on 91-94 Survey)	NC	141
No. of villages/habitations As on 1.4.94 (Based on 91-94 Survey)	PC	430
Habitations covered during 1992-97	NC	111
Habitations covered during 1992-97	PC	152
Status after validation As on 1.4.1997	NC	85
Status after validation As on 1.4.1997	PC	391
Habitations covered during 1997-99	NC	50
Habitations covered during 1997-99	PC	158
Habitations likely to be covered during 1999-2000	NC	21
Habitations likely to be covered during 1999-2000	PC	72
Habitations likely to be remained uncovered as on 1.4.2000	NC	14
Habitations likely to be remained uncovered as on 1.4.2000	PC	161

Note i) PVS: Problem villages.

ii) NC: Not covered.

iii) PC: Partially covered .

Source i) Ministry of Rural Development.

Table 19.2 Housing, Water Supply and Sanitation**Number of Housing Units/Plots Developed Under Social Housing Scheme**

(in '000)

Scheme	Started	1951-56	1956-61	1961-66
Subsidised Industrial Housing / Economically Weaker Sections	1952	38.60	62.30	58.10
Low Income Group Housing	1954	12.50	53.70	48.80
Plantation Labour Housing	1956	—	0.40	0.80
Slum Clearance (Unit, Persons)	1956	—	21.40	32.40
Villages Housing Project	1957	—	5.40	26.70
Middle Income Group Housing	1959	—	0.90	11.80
Rental Housing Scheme	1959	—	1.30	11.10
Land Acquisition and Developmental Scheme (Acr)	1959	—	—	2.50
Provision of House Sites to Landless Workers in Rural Areas	1971	—	—	—

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Note i) *: Figures based on progress report received from States/ Union Territories.

ii) In order to assess the impact of social housing scheme of different income categories and the standards, the nomenclature of social housing scheme have been reclassified according to the income categories of the target groups in the EWS, LIG and MIG since July 1982 in respect of the Central Sector schemes of subsidised housing scheme for plantation workers and state sector scheme of rural house site-cum-construction assistance. Information for the Seventh Plan and Ninth Plan is not readily available in Ministry and is awaited.

Source i) Basic Statistics related to Indian economy/Ministry of Urban Employment and Poverty Alleviation.

Table 19.3 Housing, Water Supply and Sanitation**Plan-wise Expenditure on Water Supply and Sanitation Sector of Centre & State/Union territories**

Chart 19.1 on page 196

(Rs. Crores)

Sector	Ist Plan Expenditure 1951-56	2nd Plan Expenditure 1956-61	3rd Plan Expenditure 1961-66	Annual Plan Expenditure 1966-69	4th Plan Expenditure 1969-74
(Rs. Crores)					
Rural Water Supply & Sanitation	3.00	30.00	18.83	29.17	208.00
Urban Water Supply & Sanitation	8.00	44.00	91.34	73.53	250.90
Total	11.00	74.00	110.17	102.70	458.90

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Note i) AE: Anticipated Expenditure.

Housing, Water Supply and Sanitation Table 19.2

1969-74	1974-78	1980-85	1985-90	1992-97	1997-98	98-99	1999-2000
10.80	3.80	129.26	—	1586.90	—	—	—
140.90	42.70	*94.79	—	96.80	—	—	—
2.40	11.90	13.39	—	—	—	—	—
47.20	21.10	—	—	—	—	—	—
11.80	10.30	—	—	—	—	—	—
13.60	8.30	56.14	—	92.20	—	—	—
5.30	7.40	17.48	—	16.20	—	—	—
8.90	5.00	—	—	—	—	—	—
161.10	713.70	5433.50	—	—	—	—	—

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Housing, Water Supply and Sanitation Table 19.3

5th Plan Expenditure 1974-79	Annual Plan Expenditure 1979-80	6th Plan Expenditure 1980-85	7th Plan Expenditure 1985-90	Annual Plans Expenditure 1990-92	8th Plan AE 1992-97	Ninth Plan Outlay 1997-2002	Ann. Plans AE 1997-2000
552.09	240.39	1,663.45	4,535.32	2,360.95	9,366.00	20,914.00	NA
539.51	148.89	2,334.53	2,557.81	1,725.17	7,316.00	18,624.00	NA
1,091.6	395.28	3,997.78	7,093.13	4,086.12	16,982.00	39,538.00	20,321.39

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Housing, Water Supply and Sanitation

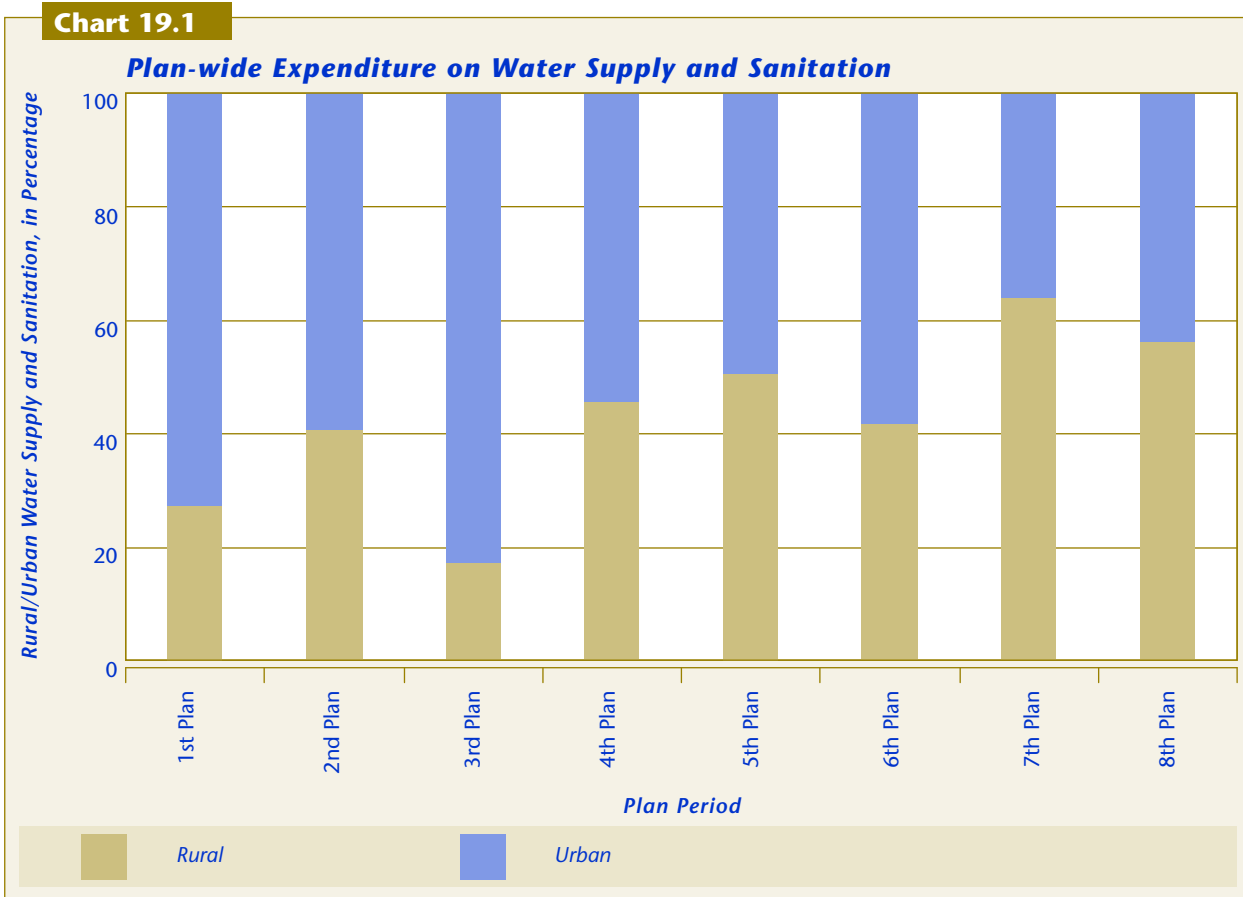


Chart for Table 19.3

Other Sectors/Programmes

Chapter Title	Page No.
20 Science and technology	198
21 Environment and Forests	208
22 Tourism	212
23 Special Area Programmes	214
24 Programme Evaluation	218

The Section on Other Sectors and Programmes covers information in respect of Science and Technology, Environment and Forest, Tourism, Special Area Programmes and Programme Evaluation. Amongst these, work in respect of Special Area Programmes and Programme Evaluation is being directly overseen by the Planning Commission.

Table Title	Page No.
20.1 Plan Outlays Under State Plan	199
20.2 Plan Allocation/Expenditure of Central Departments/Agencies of Science and Technology	200
20.3 Major Milestones of Central Scientific Departments/Agencies	202

In this Chapter, information has been compiled on the plan allocations and expenditure thereof in respect of Central Departments and agencies concerned with Science and Technology. Information has also been compiled on plan outlays under State Plan. In addition, the major milestones for Central scientific departments / agencies have been tabulated to give an overview of development in this Sector over the last five decades.

(Rs. Lakhs)

States/UTs	6th Plan 1980-85 Outlay	6th Plan 1980-85 Actual	7th Plan 1985-90 Outlay	7th Plan 1985-90 Actual	8th Plan 1992-97 Outlay	8th Plan 1992-97 Actual	9th Plan 1997-2002 Outlay
Andhra Pradesh	—	46.00	610.00	208.00	*200.00	114.00	937.00
Arunachal Pradesh	—	0.53	12.00	19.92	47.00	67.00	105.00
Assam	—	26.00	300.00	376.00	462.00	644.00	1,350.00
Bihar	—	237.00	300.00	430.00	782.00	227.00	@2,154.00
Goa	—	3.69	110.00	127.20	300.00	153.00	308.00
Gujarat	—	35.00	450.00	88.00	550.00	262.00	3,125.00
Haryana	—	3.00	165.00	310.00	662.00	352.00	642.00
Himachal Pradesh	—	6.00	100.00	79.00	275.00	276.00	600.00
J&K	—	—	100.00	38.00	190.00	136.00	#320.00
Karnataka	80.00	63.00	200.00	312.00	800.00	1,196.00	2,500.00
Kerala	1,200.00	1,655.00	1,700.00	2,302.00	2,193.00	3,995.00	*7,500.00
Madhya Pradesh	—	62.00	650.00	626.00	641.00	767.00	935.00
Maharashtra	—	65.00	200.00	193.00	568.00	365.00	885.00
Manipur	—	13.00	200.00	202.00	400.00	382.00	720.00
Meghalaya	—	1.00	150.00	61.00	193.00	213.00	450.00
Mizoram	—	2.00	10.00	54.00	195.00	196.00	291.00
Nagaland	—	7.00	80.00	57.00	100.00	95.00	400.00
Orissa	—	23.00	216.00	479.00	4,556.00	1,344.00	1,655.00
Punjab	—	35.00	400.00	199.00	750.00	160.00	3,619.00
Rajasthan	—	11.00	344.00	130.00	700.00	639.00	1,051.00
Sikkim	—	1.00	22.00	36.00	250.00	195.00	800.00
Tamil Nadu	—	49.00	450.00	575.00	1,000.00	888.00	2,010.00
Tripura	—	11.00	200.00	208.00	225.00	233.00	222.00
Uttar Pradesh	275.00	548.00	1,000.00	1,414.00	1,000.00	1,955.00	3,080.00
West Bengal	150.00	53.00	320.00	186.00	1,833.00	615.00	988.01
Total States	1,705.00	2,956.22	8,289.00	8,710.12	18,872.00	15,469.00	36,647.01
A&N Islands	—	1.56	26.00	58.54	135.00	122.70	199.85
Chandigarh	—	—	20.00	57.23	15.00	25.13	37.00
D & N Haveli	—	0.56	14.00	1.55	38.00	22.00	30.00
Delhi	—	0.06	56.00	10.24	30.00	71.49	15.00
Daman & Diu	—	**	**	40.00	43.76	47.00	
Lakshadweep	—	—	25.00	29.24	127.61	100.83	643.81
Pondicherry	—	—	36.00	1.03	13.00	14.81	60.00
Total UTs	0.00	2.18	177.00	157.83	398.61	400.72	1,032.66
Grand Total	1,705.00	2,958.40	8,466.00	8,867.95	19,270.61	15,869.72	37,679.67

Note i) *: Including Ecology and Environment.

ii) **: Included in Goa.

iii) #: Proposed Outlay.

iv) @: Excluding Outlay of Rs.12,346.00 lakh for Technical Education.

Table 20.2 Science and Technology**Plan Allocation/Expenditure of Central Departments/Agencies of Science and Technology**

(Rs. Crores)

S&T Deptt./ Agency	1st Plan 1951-56 Outlay	1st Plan 1951-56 Expd	2nd Plan 1956-61 Outlay	2nd Plan 1956-61 Expd.	3rd Plan 1961-66 Outlay	3rd Plan 1961-66 Expd.	Annu.Plan (1966-69) Outlay	Annu.Plan (1966-69) Expd.	4th Plan 1969-74 Outlay	4th Plan 1969-74 Expd.
Department of Atomic Energy (R&D)			27.00	27.00	33.10	38.26	23.87	67.48	93.34	
Department of Ocean Development (Inclu. I&M)										
Department of Science & Technology										
Department of Bio-technology (Inclu. I&M)										
Department of Scientific & Industrial Research (Inclu. I&M)		4.61	4.61	14.68	20.00	33.04	33.34	20.90	50.00	37.46
Department of Space										
Total (S&T)	4.61	4.61	41.68	#47.00	@66.14	71.60	44.77	0.00	@117.48	130.80

- Note**
- i) *: Excluding Capital Works component.
 - ii) #: Excluding Agricultural Research, Medical Research other Scientific Ministries.
 - iii) @: Excluding Scientific Survey & Development Division.
 - iv) **: Excluding National Test House (NTH) & Environment.
 - v) !: Including Ocean Development.
 - vi) Expd.: Expenditure.
 - vii) Act: Actual.
 - viii) I&M: Industry and Minerals.
 - ix) S&T: Science and technology.

5th Plan 1974-79 Outlay	5th Plan 1974-79 Expd.	6th Plan 1980-85 Outlay	6th Plan 1980-85 Expd.	7th Plan 1985-90 Outlay	7th Plan 1985-90 Expd.	Annu. Plan 1990-92 Outlay	Annu. Plan 1990-92 Expd.	8th Plan 1992-97 Outlay	8th Plan 1992-97 Act. Expdr.	9th Plan 1997-2002 Outlay
167.13	136.09	248.98	238.94	315.00	284.86			600.00	663.91	1,500.00
70.76	110.00	72.63	130.00	199.40	510.62					
		58.96	59.07	134.87	127.24	301.78	332.90	640.00	*936.71	1,497.35
				132.00	142.86			265.00	395.84	675.00
81.77	73.31	170.00	216.91	370.00	400.91			655.00	774.93	1,327.48
128.27	115.38	245.80	476.25	793.96	1,364.89			1,804.00	3,154.85	6,511.72
**436.13	**383.85	**799.65	**1,130.10	2,022.74	2,599.05			4,094.00	5,188.93	12,022.17

Table 20.3 *Science and Technology***Major Milestones of Central Scientific Departments/Agencies****Department of Atomic Energy (DAE-R&D)**

- Nuclear Research in India was initiated in 1944 with the initiative from Dr.H.J.Bhabha.
- The Atomic Energy Act was passed in 1948.
- The Department of Atomic Energy was created in 1954 and the first research reactor in Asia named as APSARA attained criticality in 1956.
- The Atomic Energy Establishment, Trombay was inaugurated in 1957.
- The Uranium was produced in 1959 by the Uranium Metal Plant at Trombay.
- The first lot of 10 fuel elements for CIRUS reactor was fabricated at Trombay in 1960 and the 40 MWt research reactor CYRUS attained criticality.
- The research reactor ZERLINA attained criticality in 1961 but was decommissioned in 1983.
- The Atomic Energy Establishment at Trombay was renamed as Bhabha Atomic Research Centre in 1967.
- The Reactor Research Center at Kalpakkam started functioning in 1969 and renamed as Indira Gandhi Centre for Atomic Research in 1985.
- The Plutonium fuel for research reactor PURNIMA-I was fabricated at Trombay in 1971 and attained criticality in 1972.
- The peaceful underground nuclear experiment was conducted at Pokhran, Rajasthan in 1974.
- The Plutonium-Uranium mixed oxide fuel was fabricated at Trombay in 1979 and Power Reactor Fuel Reprocessing Plant at Tarapore was commissioned in 1982.
- The Atomic Energy regulatory Board was constituted in 1983
- Centre for Advanced Technology at Indore was inaugurated in 1984.
- The BARC fabricated Uranium Mixed Carbide Fuel for Fast Breeder test Reactor in 1984 and the Research Reactor PURNIMA-II, a Uranium-233 fuelled homogeneous reactor attained criticality.
- In 1985 Research Reactor(DHRUVA-100 MWt) and Fast Breeder Test Reactor (FBTR) at Kalpakkam attained criticality.
- A 12 MV Pelletron Accelerator was inaugurated in 1988 and the research reactor PURNIMA-III attained criticality in 1990.
- Technology Offer Centre was inaugurated at DAE, Mumbai in 1993.
- Kalpakkam Mini Reactor (KAMINI with uranium-233 fuel attained criticality at IGCAR, Kalpakkam in 1996 and the reactor attained the full power level of 30 KWt in 1997.
- Five underground nuclear tests were conducted at Pokhran, Rajasthan in 1998 and a 40 MeV Synchrotron Radiation Source Indus – 1 achieved electron beam current of 113 milli- ampere superseding the design value of 10 milli ampere.

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Department of Space (DOS)

- The first Indian Satellite, Aryabhata was launched in 1975.
- The first experimental satellite, Bhaskara-1 was launched in 1979.
- The first experimental satellite launch vehicle SLV-3 was successfully launched and the first satellite ROHINI was successfully placed in orbit in 1980 demonstrating the capability to launch 35-40 kg satellite into low earth orbit.
- The first developmental launch of SLV-3 was completed in 1981 and the first experimental geo-stationery communication satellite of India APPLE and experimental remote sensing satellite BHASKARA-II were successfully launched .
- The first multi purpose operational INSAT satellite, INSAT-1A was launched in 1982.
- The second development launch of SLV-III was completed and second INSAT satellite –INSAT –1B was launched in 1983.
- The launch of first operational Indian Remote Sensing Satellite, IRS –1A and of IRS-1C were completed in 1988.
- The INSAT-1D was successfully launched in 1990 and the launch of second operational remote sensing satellite IRS-1B was completed in 1991.
- ASLV with SROSS-C on board was launched in 1992.
- INSAT-2A was launched in 1992 and INSAT-2B in 1993 .
- ASLV with SROSS–C2 on board was launched in 1994 and the demonstration capability of placing a 800 kg satellite in Polar sun-synchronous orbit was proved through launching of PSLV with IRS-P2 on board.
- The INSAT-2C and IRS-1C were successfully launched during the year 1995, and the second successful developmental launch of PSLV with IRS-P3 on board was completed in 1996.
- Successful launch of first operational PSLV on board IRS-ID in 1997.
- The multipurpose satellite, INSAT-2D launched in 1999 and 11 transponders leased to INTELSAT.
- IRS-P4 (Oceansat) launched by PSLV-C2 along with Korean KITSAT and German TUBSAT in 1999.
- Data communication links between State capital, district headquarter and Central Government Department with over 1200 micro terminals established.
- Remote area business communication network with about 386 VSATs are operational in remote rural areas communication network.
- Radio networking of about 195 AIR Stations to provide reliable high fidelity programme channels for national and regional networking completed.
- Disaster warning system with over 250 Cyclone Warning Dissemination system receivers in operation along the coastal belts established.
- Satellite based TV network covering over 85% population has established.
- Biodiversity Characterisation at landscape level for three important biodiversity rich areas of N-E Himalaya, N-W Himalaya and Western Ghats completed.
- Wasteland Mapping for 192 districts at 1:50,000 scale completed.

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Table 20.3 *Science and Technology***Department of Science & Technology (DST)**

- More than 75 National Facilities/Centres of Excellence were set up.
- Established eight Regional Sophisticated Instrumentation Centres and four Sophisticated Instrumentation Facilities.
- "Swarnajayanti Fellowship" scheme initiated to encourage young scientists.
- Kishore Vigyanik Protsahan Yojana scheme initiated to encourage students.
- A National Accreditation Board for Testing and Calibration Laboratories set up.
- A Technology Information, Forecasting and Assessment Council (TIFAC) set up. A long term technology forecast report (Technology Vision 2020) prepared by TIFAC.
- Mission mode projects initiated in areas such as Sugar Technology, Composites, Fly-ash disposal etc..
- Patent Facilitating cell set up to provide assistants to scientists and technologists.
- A Technology Development Board was set up to assist the industries in commercialisation of indigenously developed technologies and adaptation of imported technologies for wider application.
- National Science and Technology Entrepreneurship Development Board (NSTEDB) set up to encourage S&T persons to take to entrepreneurship.
- A National Council for Science and Technology Communication (NCSTC) was set up to popularise science and technology among the people.
- An autonomous institution, Vigyan Prasar, was set up to focus attention to popularisation of S&T on a continuing basis.
- Natural Resources Data Management System (NRDMS) was launched for the development of databases and preparation of computer based spatial resource profiles useful in formulation of district level development programs. State S&T Councils have been set to promote S&T in the State levels.
- International S&T co-operation with 54 countries catalysed.
- Centre for Science and Technology of non-aligned and other countries (NAM & S&T Centre), New Delhi, Indo-French center for the Promotion of Advanced research (IFCPAR), New Delhi, Indo-Uzbek, Center for the promotion of S&T at Tashkent, International Advanced Research Centre for Powder Metallurgy and New Materials at Hyderabad were established.
- A national center for medium weather forecasting (NCMRWF) set up to develop medium range (three to ten days in advance) weather forecasting capability and preparation and dissemination of agro-metallurgical advisory to the farmers from 127 stations located as one each agro-climatological zones in the country.
- Scientific services in metallurgy seismology provided by India Meteorological Department (IMD).
- Survey of India (SOI) and National Atlas and Thematic Mapping Organisation (NATMO) provided mapping services to the user agencies.
- Provided support to 13 autonomous research institutions, which are engaged in frontier areas of research and basic and applied sciences.

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Department of Ocean Development

- The first scientific expedition to Antarctica was launched on 6th December, 1981.
- India acceded to Antarctic Treaty and became a Member of the Treaty in August 1983 with consultative status.
- The Ocean Policy Statement was announced in November, 1982.
- Under Polymetallic Nodules scheme 2.6 million sq.km. area in the Central India Ocean basin was identified for survey.
- India was elected as Vice Chairman of the Preparatory Commission and acquired "Pioneer Investor Status" for deep sea bed mining.
- A permanent manned station "Dakshin Gangotri" was commissioned in Antarctica in February, 1984.
- Four pilot desalination plants each capable of producing 50,000 litres of potable water per day were established in Tamil, Andhra Pradesh and Rajasthan.
- India became the first country in the World to have secured the registration of the mining site and allotment of 150,000 sq.km.area in Central India Ocean Basin for exploration and exploitation of polymetallic nodules.
- A well furnished permanent station "Maitri was established in 1988 at Antarctica..
- First sea trial for harnessing wave energy from ocean was launched at Vizhinjam near Trivandrum.
- National Marine Data Centres were established for generation, archival and dissemination of marine data to the user agencies.
- India ratified the protocol on environmental protection to the Antarctic Treaty and obligations for maintaining the Antarctic environment in accordance with the international standards.
- A multi disciplinary and multi institutional programme for assessment of the marine living resources beyond 70 metre depth with the Indian EEZ was initiated.
- A joint Technology Development programme for demonstrating shallow bed mining technology upto 500 meter depth was taken up by NIOT in collaboration with the University of Siegen, Germany.
- Improved ROV capable of operating upto 250 m. depth was designed, fabricated and tested in the sea of Chennai coast.
- India enhanced its capability and capacity in ocean observing system by deploying 12 data buoys.
- India was elected as Chairman of the Convention on Conservation on Antarctica Marine Living Resources for a two year term beginning November, 1998.
- India attained the status of consultative party in Antarctic Treaty.

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Table 20.3 *Science and Technology***Council of Scientific and Industrial Research(CSIR)**

- CSIR was established in 1942 as an autonomous society for promotion, guidance and coordination of scientific and industrial research, collection and dissemination of information on research and industry, founding of laboratories to further scientific and industrial research and exploitation of the research results for development of industry
- Out of 40 CSIR laboratories, over 2/3 were established during first two five years plans to provide to the indigenous industry, in its nascent stages of growth, backup support in metrology, standardisation, testing, analysis and supply of trained scientific manpower.
- 12 CSIR laboratories were set up in Third to Sixth Five Year Plan particularly in the biological and bio-technological fields.
- The important R&D facilities available in CSIR laboratories include: Standards and Calibration Facilities; Low Speed and Tunnel with Computer Controlled Monitoring System for physical parameters of length, mass and time; Full Scale Fire Testing for building components; Confocal Microscopy facility; Batch production facilities for strategic Microwave tubes; A pilot milling mill and bakery; Footwear pilot plant; Biochemical Engineering and Process Development Centre; Microbial Type Culture Collection & Gene Bank; National Trisonic Aerodynamic Facilities; Full scale air craft Fatigue Test Facility; Mineral beneficiation facilities; Rolling mill forging unit, wire drawing unit, extrusion press; Large-scale floatations column for beneficiation of various minerals and coal mines gravity separation units including Bartle's Mozley concentrators and magnetic separators; Fatigue testing laboratory; Construction engineering laboratory; Tower Testing and Research Station; Heavy testing laboratory with a heavy duty test flow capable of testing prototype structures, etc.
- Infant foods based on buffalo milk was produced.
- Optical glass to meet the needs of instruments industry, strategic sector and educational institutions was commercialised.
- Indelible ink for the Election purposes was developed.
- Technologies for integrated production of pesticides like Monocrotophos, Quinalphos, Chlorophyriphos, Butachlor, DDVP, Thiophorate methyl, Endosulphar etc was developed.
- New drugs viz. Methaqualone for hyponotic, peruvoside as cardiotoxic, cebtimizone as anti thyroid, Tromaril as anti-inflammatory, Guglipid for Hypolipidaemic, Centbucridine as contraceptive pill. Chandonium iodide as neuromuscular blocking agent, Centpropazine as anti-depressants. Arteether as antimalarial and Bacosides A&B as memory enhancer were developed.
- Multilocus DNA Fingerprinting was developed.
- All composite two seater aircraft named Hansa was developed.
- Noval Zeolite catalysts, 'Encilites' for diverse important industrial processes developed.
- 270 closed tanneries in Tamil Nadu development of custom tailored common effluent treatment plants revived.

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Department of Biotechnology (DBT)

- A novel target gene delivery system dedicated for liver cells developed and patented in USA.
- Identification of mutation conferring resistance to HIV infection in India population.
- Cloning and sequencing of at least six genes achieved. A US Patent granted for the seed storage protein gene.
- Transgenic silkworm with luciferous gene produced.
- 1000 genetically superior calves born through Embryo Transfer Technology (ETT), including 100 buffalo calves.
- First indigenous recombinant vaccine strain for oral cholera developed.
- Three major fruit ripening genes of banana cloned.
- Micropropagation Technology parks produced 50 lakh plants of forest tree species. Five technologies for large scale production transferred to industry.
- 40% increase in the yield achieved in tissue cultured cardamon plants.
- Bio-benefication and de-sulphurisation technologies perfected and transferred to industry.
- Technologies for development of Rhizobium and Mycorrhiza transferred to industry.
- Record production of over 10 tonnes/ha./year in two crops of prawns through semi-intensive aquaculture attained.
- Through intensive carp farming production level of 18 tonnes/ha./year achieved.
- Three indigenous test systems perfected for detection of HIV-I and II, and Streptococcal infections; transferred to industry.
- Tissue culture based vaccines for poultry being transferred to the industry.
- Low cost nutritious feed supplement for the school children developed. Pilot plants being set up.
- Liposome intercalated Amphotericin B, a drug developed and given to industry for curing systematic fungal infections and leishmaniasis.
- Skin culture technology for burn, vitiligo, cold blood and bone marrow preservation technologies transferred to hospital
- About 4000 students trained through various Post graduate/Post doctoral/diploma courses.
- A wide spread bio-informatics network with 10 Distributed Information Centres with INTERNET based Biotechnology Service Provider established.
- Agreements with USA and Japan have been signed between National Brain research Centre and Institutes of USA and Japan on mental health and brain research.
- Four Jai Vigyan Science and Technology Missions on new generation vaccines; herbal product development, coffee improvement and establishment of mirror sites for genomic data bases have been initiated.
- National Bioresource Development Board has been set up for development, conservation and utilisation of biological resources of the country.

Chapter 21 Environment and Forests

Table Title	Page No.
21.1 Plan Outlays and Expenditure of Centre	209
21.2 Forest Cover in India	209
21.3 Plan Outlays and Expenditure for States/Union Territories	210

The tables in this Chapter provide information on plan outlays and expenditure of Central and State Governments since the Seventh Plan. Over the years, there has been a greater pressure on our environment and natural resources, some of it with alarming consequences. While a number of such variables have yet to be quantified some are being quantified now. The picture in respect of changing profile of forest coverage, over the years, has been presented.

Environment and Forests Table 21.1
Plan Outlays and Expenditure of Centre

Departments	7th Plan		8th Plan		9th Plan	1997-2000
	Outlay	Expenditure	Outlay	Expenditure	Outlay	Outlay
Environment	110.00	129.38	325.00	406.94	859.84	600.41
NRCD	240.00	192.15	350.00	314.06	700.00	500.70
Forests & Wildlife	155.00	100.92	250.00	422.26	854.00	568.83
NAEB	292.00	*256.85	275.00	488.67	600.00	277.85
	797.00	422.45	1,200.00	1,631.93	3,013.84	1,947.79

Note i) * NWDB.

ii) The information for the Ministry of Environment and Forest is available from 7th Plan onwards. Environment was under the purview of Department of Science and Technology and Forests with Ministry of Agriculture.

Environment and Forests Table 21.2
Forest Cover in India

(Million Hectares) Chart 21.1 on page 208

Classification	1950-51	1960-61	1970-71	1980-81	1990-91	1991-92	1992-93 (P)	1993-94 (P)	1994-95	1995-96 (P)
Geographical Area	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73
Forests	40.48	54.05	63.91	67.47	67.80	67.87	67.98	68.28	68.6	68.83

Note i) (P): Provisional.

Chart 21.1

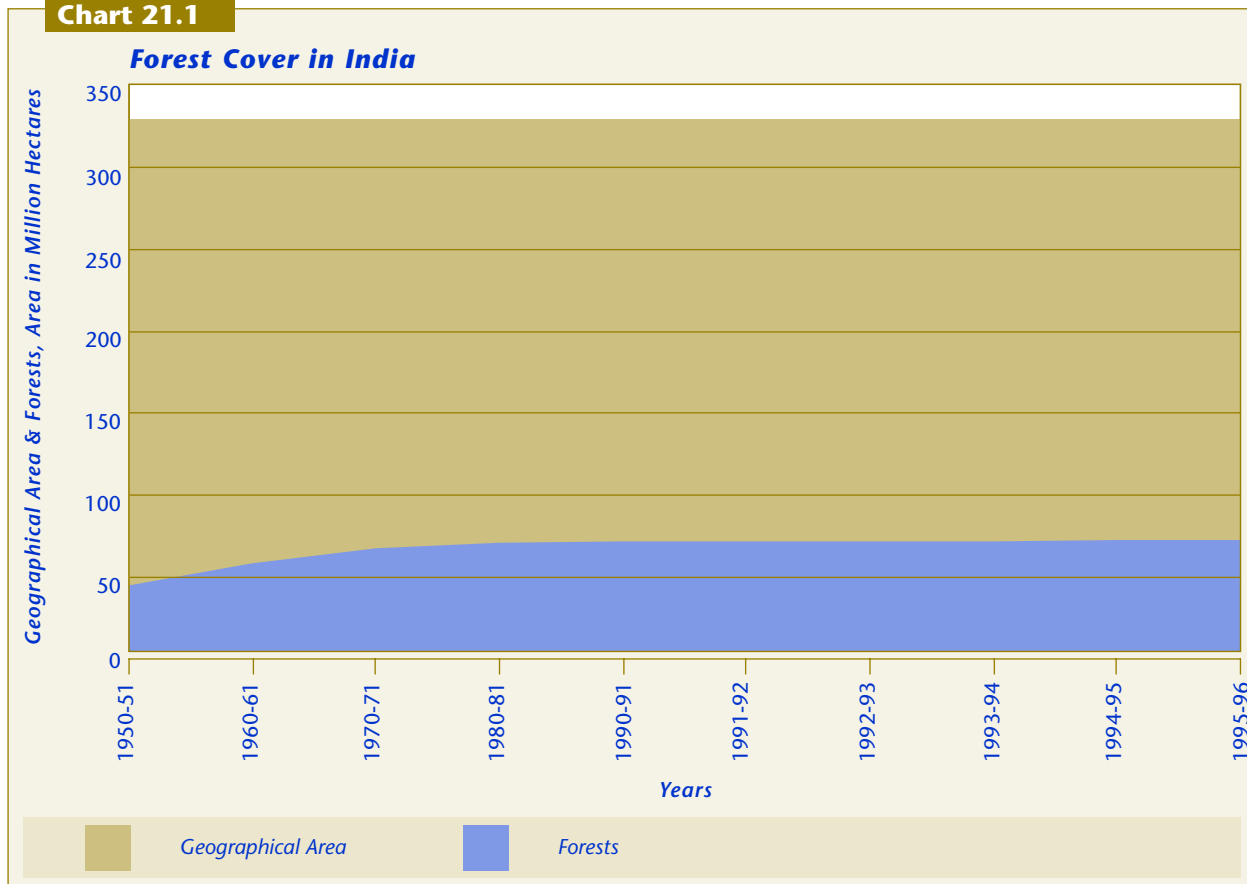


Chart for Table 21.2

Table 21.3 Environment and Forests**Plan Outlays and Expenditure of States/UTs**

States/Union Territories	7th plan			
	Environment		Forestry	
	Outlay	Expenditure	Outlay	Expenditure
States				
Andhra Pradesh	420.00	543.00	6,570.00	5,851.00
Arunachal Pradesh	8.00	8.00	3,000.00	2,717.00
Assam	200.00	228.00	7,000.00	7,677.00
Bihar	160.00	113.00	4,500.00	5,724.00
Goa	45.00	20.00	600.00	664.00
Gujarat	350.00	155.00	12,964.00	14,743.00
Haryana	1,569.00	130.00	6,700.00	5,935.00
Himachal Pradesh	25.00	28.00	11,684.00	10,486.00
Jammu & Kashmir	100.00	108.00	3,392.00	4,453.00
Karnataka	200.00	77.00	6,200.00	6,594.00
Kerala	440.00	353.00	7,000.00	5,972.00
Madhya Pradesh	1,684.00	1,620.00	7,877.00	14,518.00
Maharashtra	200.00	144.00	10,600.00	12,778.00
Manipur	50.00	0	1,441.00	1,336.00
Meghalaya	20.00	19.00	2,900.00	2,951.00
Mizoram	10.00	17.00	1,500.00	2,057.00
Nagaland	5.00	0	1,800.00	1,792.00
Orissa	184.00	190.00	4,500.00	8,218.00
Punjab	100.00	133.00	3,200.00	2,987.00
Rajasthan	496.00	266.00	4,985.00	4,985.00
Sikkim	58.00	54.00	950.00	942.00
Tamil Nadu	420.00	402.00	7,000.00	10,863.00
Tripura	50.00	65.00	1,500.00	2,032.00
Uttar Pradesh	500.00	1,026.00	16,200.00	18,325.00
West Bengal	340.00	188.00	5,045.00	5,530.00
Total	7,634.00	5,887.00	139,108.00	160,130.00
Union Territories				
A & N Islands	11.00	0	1,200.00	1,246.19
Chandigarh		0	161.85	235.53
Dadra & Nagar Haveli	10.00	2.23	429.00	583.77
Daman & Diu		0		74.08
Delhi	122.00	124.39	210.00	601.75
Lakshadweep		0		0
Pondicherry	14.00	7.15	130.00	206.66
Total	157.00	133.77	2,130.85	2,947.98

Note i) na: Not Available.

8th Plan				9th plan		1997-2000	
Environment		Forestry		Environment	Forestry	Environment	Forestry
Outlay	Expenditure	Outlay	Expenditure	Outlay	Outlay	Outlay	Outlay
	225.00	6,842.00	10,754.00	267.00	17,913.00	883.00	27,339.00
24.00	30.00	4,710.00	5,674.00	50.00	6,761.00	30.00	14,475.00
439.00	291.00	11,260.00	11,648.00	450.00	19,000.00	276.00	9,674.00
669.00	63.00	18,391.00	5,884.00	500.00	26,945.00	17.00	5,215.00
100.00	81.00	1,030.00	1,178.00	154.00	1,700.00	35.00	681.00
950.00	556.00	30,000.00	34,694.00	2,600.00	80,300.00	1,750.00	52,440.00
600.00	315.00	11,770.00	16,459.00	562.00	21,870.00	476.00	12,560.00
185.00	198.00	21,000.00	21,862.00	109.00	36,500.00	48.00	22,294.00
880.00	809.00	9,880.00	11,447.00	na	na	1,545.00	14,503.00
300.00	673.00	20,676.00	20,970.00	1,500.00	35,000.00	1,003.00	24,322.00
730.00	0.00	9,075.00	13,315.00	7,500.00	14,100.00	4,880.00	14,000.00
2,476.00	4,325.00	18,782.00	28,365.00	20,085.00	44,709.00	16,359.00	39,370.00
243.00	151.00	50,221.00	35,322.00	435.00	48,,960.00	586.00	32,765.00
100.00	115.00	2,300.00	2,494.00	180.00	4,140.00	151.00	1,445.00
213.00	214.00	5,978.00	3,789.00	280.00	10,050.00	150.00	2,350.00
25.00	24.00	3,105.00	3,009.00	32.00	4,056.00	26.00	1,822.00
40.00	14.00	2,850.00	1,400.00	100.00	5,100.00	15.00	1,250.00
666.00	1,593.00	10,535.00	15,855.00	5,921.00	12,275.00	2,791.00	7,363.00
435.00	88.00	5,593.00	4,348.00	709.00	24,376.00	330.00	13,055.00
1,296.00	1,026.00	32,655.00	33,116.00	2,077.00	54,985.00	1,127.00	37,724.00
150.00	152.00	1,750.00	1,818.00	300.00	4,000.00	112.00	1,460.00
2,000.00	617.00	19,500.00	24,153.00	5,000.00	60,000.00	1,497.00	34,113.00
125.00	116.00	2,600.00	2,446.00	100.00	2,733.00	15.00	1,183.00
1,500.00	1,201.00	36,454.00	27,907.00	204,380.00	65,000.00	61,858.00	37,081.00
754.00	216.00	13,559.00	13,824.00	4,908.00	17,181.00	4,164.00	12,515.00
14,900.00	13,093.00	350,516.00	351,731.00	258,199.00	617,654.00	100,124.00	420,999.00
25.00		2,500.00	2,699.76	300.00	6,100.00	31.74	2,872.00
142.00		718.10	999.12	68.00	500.00	442.20	621.75
10.00		790.00	1,238.57	0	1,480.00	0	699.85
5.00		105.00	147.39	0	223.00	10.00	99.00
220.00		715.00	2,764.46	11,185.00	3,500.00	3,061.00	1,802.00
85.00		191.61	0	0	72.00	59.00	
9.00		258.00	505.57	100.00	559.00	95.00	324.00
411.00		5,171.10	8,546.48	11,653.00	12,362.00	3,711.94	6,477.60

Chapter 22 *Tourism*

Table Title	Page No.
22.1 Plan Performance of Tourism	213

The tables in this Chapter gives plan outlay and expenditure over successive five year plans for Tourism. Information is also tabulated on the inflow of foreign tourist as well as the amount of foreign exchange earnings in this Sector over the past five decades.

Plan Performance of Tourism

Chart 22.1 on page 213

(Rs. Crores)

Plan Period	Outlay	Expenditure	Year	Foreign Tourist Arrivals (No.)	Foreign Exchange Earnings
First Plan (1951-56)	Nil	Nil	1951	16,829	7.70
Second Plan (1956-61)	NA	NA	1956	85,887	15.50
Third Plan (1961-66)	8.00	5.00	1961	1,39,804	17.80
Annual Plan (1966-69)	10.00	6.00	1966	1,59,603	22.60
Fourth Plan (1969-74)	36.00	40.00	1971	3,00,995	31.50
Fifth Plan (1974-79)	75.00	79.00	1976	6,40,453	285.00
Annual Plan (1979-80)	28.00	28.00	1981	12,79,210	1,063.90
Sixth Plan (1980-85)	187.00	121.00	1986	14,51,076	1,606.60
Seventh Plan (1985-1990)	394.00	432.00	1991	16,77,508	4,110.50
Annual Plan (1990-91)	149.00	129.00	1996	22,87,860	9,919.96
Annual Plan (1991-92)	176.00	148.00	1997	23,74,094	10,725.64
Eight Plan (1992-97)	806.00	1,088.00	1998	23,58,629	11,950.78
Ninth Plan (1997-2002)	2,481.00	—	1999	24,81,928	13,041.81

Chart 22.1

Foreign Tourist Arrivals/Foreign Exchange Earnings

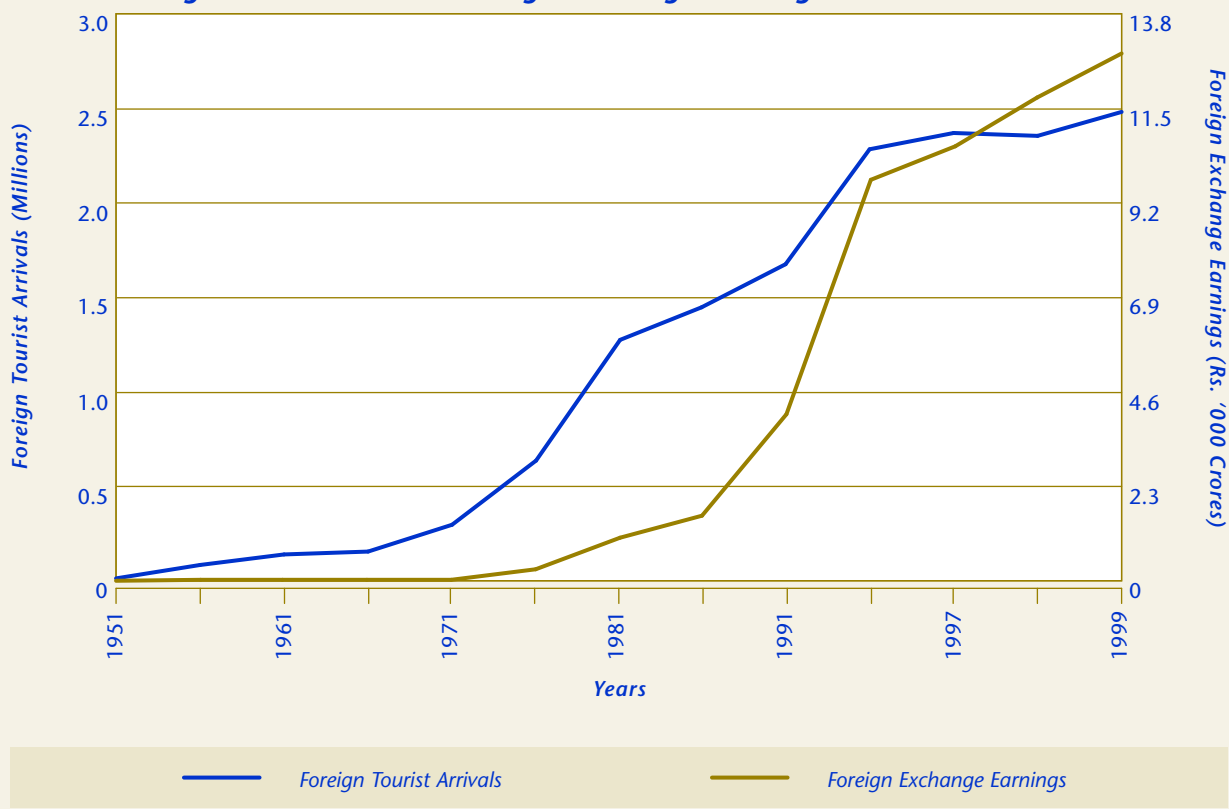


Chart for Table 22.1

Chapter 23 *Special Area Programmes*

	Table Title	Page No.
23.1	Allocation of Special Central Assistance Under Hill Areas Development Programme (HADP)	215
23.2	Expenditure on Various Schemes Under Border Area Development Programme (BADP) (before revamping)	215
23.3	Allocation/Releases Under Border Area Development Programme (BADP)	216

The Chapter tabulates information on Special Area Programmes, namely the Border Area Development Programme and Special Central Assistance under Hill Areas Development Programme. The information has been compiled at State level and also for the various schemes under the BADP.

Special Area Programmes Table 23.1

Allocation of Special Central Assistance Under Hill Areas Development Programme (HADP)

(Rs. Crores)

State/Area	5th Plan	6th Plan	7th Plan	Annual Plans		8th Plan	Annual Plans		
	1974-79	1980-85	1985-90	1990-91	1991-92	1992-97	1997-98	1998-99	1999-2000
Hill areas in:									
Assam	24.00	71.58	118.20	38.87	38.87	194.34	46.32	50.16	50.90
Tamil Nadu	7.00	21.81	33.75	11.09	11.09	55.49	19.62	21.70	22.01
Uttar Pradesh	104.00	350.00	553.50	182.01	182.01	910.04	217.07	237.41	240.86
West Bengal	15.00	29.85	44.55	16.32	19.32	96.60	22.23	22.23	22.23
Survey & Studies	—	11.76	3.50	0.50	0.50	2.50	0.25	0.00	0.00
Sub-Total	150.00	485.00	753.50	248.79	251.79	1258.97	305.49	331.50	336.00
Western Ghats Region									
Kerala	4.88	17.80	23.80	6.05	6.05	39.09	9.46	11.91	13.08
Maharashtra	6.45	23.08	38.10	13.50	13.50	62.69	15.17	19.11	20.97
Tamil Nadu	3.55	13.02	19.90	7.18	7.18	32.72	8.00	9.97	10.94
Karnataka	4.04	14.25	28.20	9.47	9.47	46.35	11.22	14.13	15.51
Goa	1.00	3.65	6.00	1.61	1.61	9.55	2.33	2.95	3.20
Survey & Studies and Western Ghats Secretariat	0.08	3.00	0.50	0.40	0.40	0.63	0.43	0.43	0.30
Sub-Total	20.00	75.00	116.50	38.21	38.21	191.03	46.51	58.50	64.00
Grant Total	170.00	560.00	870.00	287.00	290.00	1450.00	352.00	390.00	400.00

Note i) The Hill Area Development Programme was started from the Fifth Five Year Plan.

Special Area Programmes Table 23.2

Expenditure on Various Schemes Under BADP (Before Revamping)

(Rs. Crores)

Programme	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93
Department of Education	0	25.00	45.00	50.00	49.50	55.00	30.93
Indira Gandhi Nahar Project	0	15.00	21.00	26.00	28.60	27.80	52.00
Ministry of Home Affairs	40.00	1.10	0	0.17	1.19	0.88	1.99
Research Studies (Planning Comm.)	0.040	0.11	0.12	0.08	0.02	0.11	0
Total	40.04	41.21	66.62	80.03	80.03	83.79	84.92

Note i) The Border Area Development Programme was started from the year 1986-87. This was a scheme-wise Programme till 1992-93. The Programme was revamped in 1993-94 after which State-wise allocations/releases are made. scheme-wise releases till 1992-93 are in this Table. Subsequent allocations/releases are given in Table 23.3.

Table 23.3 Special Area Programmes**Allocation/Releases under Border Area Development Programme (BADP)**

(Rs. Crores)

States	1993-94		1994-95		1995-96	
	Allocation	Releases	Allocation	Releases	Allocation	Releases
Assam	3.91	3.91	4.38	4.38	4.12	4.12
Gujarat	6.98	6.98	7.94	7.94	8.58	8.58
J & K	14.00	14.00	17.50	17.50	20.68	20.68
Meghalaya	3.89	3.89	4.23	4.23	3.95	3.95
Mizoram	2.84	2.84	3.25	3.25	2.73	2.73
Punjab	6.45	6.45	7.88	7.88	8.54	8.54
Rajasthan						
Through Formula	19.06	19.06	20.44	20.44	25.63	25.63
IGNP	52.00	52.00	60.00	60.00	60.00	60.00
Tripura	8.04	8.04	9.81	9.81	10.96	10.96
West Bengal	21.83	21.83	24.57	24.57	30.81	30.81
Arunachal Pradesh	—	—	—	—	—	—
Manipur	—	—	—	—	—	—
Nagaland	—	—	—	—	—	—
Himachal Pradesh	—	—	—	—	—	—
Sikkim	—	—	—	—	—	—
Uttar Pradesh	—	—	—	—	—	—
Bihar	1.00	#1.00	—	—	—	—
Total	#140.00	140.00	160.00	160.00	176.00	176.00

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Note i) #: 1993-94: Rs. 1.00 crores was released to Government. of Bihar for the Scheme for issue of photo identity cards in three districts.

ii) §: 1998-99 : With extension of BADP to China border, funds were provided to Jammu & Kashmir (10 cr.), Arunachal Pradesh (7 cr.), Himachal Pradesh (4 cr.), Sikkim (4 cr.) and Uttar Pradesh (4 cr.).

iii) @: 1999-2000: Rs. 24 crores have been provided for Bhutan and Nepal borders Sikkim (50 lakh), West Bengal (2 cr.), Assam (2.50 cr.), and Arunachal Pradesh (2 cr.) for Bhutan border & U.P. (8 cr.), Bihar (7 cr.), West Bengal (1 cr.), Sikkim (1 cr.) for Nepal Border.

1996-97		1997-98		1998-99		1999-2000	
Allocation	Releases	Allocation	Releases	Allocation	Releases	Allocation	Releases
4.12	4.12	4.12	2.06	4.27	4.27	7.20	7.20
8.58	8.58	8.58	8.58	8.88	8.88	9.87	9.87
20.68	20.68	20.68	10.34	31.38	31.38	33.52	33.52
3.95	3.95	3.95	3.95	4.11	4.11	4.52	4.52
2.73	2.73	6.73	6.73	6.82	6.82	8.00	8.00
8.54	8.54	8.54	8.54	8.82	7.72	9.70	9.70
25.63	25.63	25.63	25.63	26.52	26.52	29.17	29.17
60.00	60.00	60.00	60.00	30.00	30.00	8.00	8.00
10.96	10.96	10.96	10.96	11.34	11.34	12.47	12.47
30.81	30.81	30.81	15	31.86	29.38	38.05	38.05
—	—	4.00	4.00	11.00	11.00	13.00	13.00
—	—	4.00	4.00	4.00	4.00	4.00	4.00
—	—	4.00	4.00	4.00	4.00	4.00	4.00
—	—	—	—	4.00	4.00	4.00	4.00
—	—	—	—	4.00	4.00	5.50	5.50
—	—	—	—	4.00	4.00	12.00	12.00
—	—	—	—	—	—	7.00	7.00
176.00	176.00	*196.00	163.79	\$195.00	191.52	@210.00	@210.00

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Chapter 24 Programme Evaluation

Table Title	Page No.
24.1 Number of Evaluation Studies Conducted by SEOs and NGOs in the State/Union Territories and conducted by Socio Economic Research (SER) Unit and Central Plan Evaluation Organisation (PEO) of Planning Commission	219

The number of evaluation studies conducted in various Sectors, State-wise, under the aegis of Central Programme Evaluation Organisation, Social-Economic Research Unit as well as State Evaluation Organisation has been compiled.

Number of Evaluation Studies Conducted By SEOs and NGOs in the States/UTs

States/UTs	Agriculture & Allied	Cooperation	Rural Development Programmes	Special Area Develop. Control	Irrigation & Flood	Energy & Power	Industry
States							
Andhra Pradesh	26	1	3	—	4	1	4
Arunachal Pradesh	—	—	—	—	—	—	—
Assam	54	9	6	—	7	2	15
Bihar	9	—	6	—	3	—	3
Goa	10	1	1	—	3	2	2
Gujarat	59	5	9	1	9	2	9
Haryana	32	3	7	1	15	1	10
Himachal Pradesh	5	1	2	1	1	5	—
Jam. & Kash.	10	—	3	—	1	8	6
Karnataka	40	1	9	1	13	2	8
Kerala	19	1	3	—	11	1	3
Madhya Pradesh	2	—	22	—	2	—	2
Maharashtra	54	1	19	—	18	2	7
Manipur	5	1	1	—	1	1	2
Meghalaya	4	1	—	—	—	—	3
Mizoram	—	—	—	—	—	—	—
Nagaland	3	—	8	—	—	—	2
Orissa	3	—	10	—	4	1	3
Punjab	16	6	4	2	2	—	11
Rajasthan	29	2	14	1	5	3	11
Sikkim	—	—	—	—	1	—	—
Tamil Nadu	94	5	10	1	47	3	12
Tripura	8	3	4	—	5	3	4
Uttar Pradesh	128	12	27	4	27	8	40
West Bengal	5	—	5	—	6	2	1
Union Territories							
A & N Islands	—	—	—	—	—	—	—
Chandigarh	—	—	—	—	—	—	—
D & N Haveli	—	—	—	—	—	—	—
Daman & Diu	—	—	—	—	—	—	—
Delhi	3	1	1	—	—	—	3
Lakshadweep	—	—	—	—	—	—	—
Pondicherry	7	2	2	—	—	2	2
Total of SEOs*	625	56	176	12	185	49	163
Percentage	26.82	2.40	7.55	0.52	7.94	2.10	7.00
Studies by NGOs** in the states during 1995-2000	6	—	2	—	—	—	—
Percentage	13.33	—	4.44	—	—	—	—
Studies by SER*** during 1999-2000	—	—	2	—	—	—	—
Percentage	—	—	11.11	—	—	—	—
Central PEO@	30	8	41	7	5	3	8
Percentage	16.67	4.44	22.78	3.89	2.78	1.67	4.44
Grand Total	661	64	221	19	190	52	171
Percentage	25.69	2.49	8.59	0.74	7.38	2.02	6.65

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Table 24.1 Programme Evaluation

States/UTs	Transport	Comm- unication & IT	Education	Training	Health & Family Welfare	Housing & Urban Development	Social Welfare
States							
Andhra Pradesh	2	—	6	—	2	1	15
Arunachal Pradesh	—	—	—	—	—	—	—
Assam	3	—	21	1	3	3	17
Bihar	—	—	3	—	2	—	1
Goa	—	—	2	—	2	1	4
Gujarat	2	1	21	—	8	5	53
Haryana	4	—	14	1	9	3	11
Himachal Pradesh	—	—	3	—	3	—	10
Jam.& Kash.	—	—	9	—	1	1	2
Karnataka	1	—	6	—	4	3	16
Kerala	—	—	2	—	—	1	5
Madhya Pradesh	—	—	—	—	1	—	1
Maharashtra	—	—	4	2	2	4	14
Manipur	—	—	4	—	1	—	—
Meghalaya	—	—	—	—	2	—	3
Mizoram	—	—	—	—	—	—	—
Nagaland	—	—	2	—	1	—	1
Orissa	—	—	3	—	2	3	2
Punjab	—	—	5	—	2	4	4
Rajasthan	5	—	6	—	5	6	18
Sikkim	—	—	1	—	—	—	—
Tamil Nadu	4	—	9	—	26	8	68
Tripura	—	—	3	1	4	—	4
Uttar Pradesh	6	—	48	1	17	2	51
West Bengal	—	—	6	—	4	—	3
Union Territories							
A & N Islands	—	—	—	—	—	—	—
Chandigarh	—	—	—	—	—	—	—
D & N Haveli	—	—	—	—	—	—	—
Daman & Diu	—	—	—	—	—	—	—
Delhi	1	—	6	—	3	4	16
Lakshadweep	—	—	—	—	—	—	—
Pondicherry	—	—	2	—	2	—	6
Total of SEOs*	28	1	186	6	106	49	325
Percentage	1.2	0.04	7.98	0.26	4.55	2.1	13.95
Studies by NGOs** in the states during 1995-2000	—	—	13	—	11	—	8
Percentage	—	—	28.89	—	24.44	—	17.78
Studies by SER*** during 1999-2000	—	—	7	—	2	—	6
Percentage	—	—	38.89	—	11.11	—	33.33
Central PEO@	1	2	6	—	7	—	21
Percentage	0.56	1.11	3.33	—	3.89	—	11.67
Grand Total	29	3	212	6	126	49	360
Percentage	1.13	0.12	8.24	0.23	4.9	1.9	13.99

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Note i) Agriculture & Allied Sectors includes agriculture, fisheries, animal husbandry, horticulture, sericulture and soil conservation.

ii) Rural development sector includes community development and development of local bodies.

iii) Training sector includes technical and industrial training.

iv) Labour & Employment sector includes labour welfare.

v) 'Others' sector includes other as well as planning and development also.

States/UTs	Women and Child Development	Labour and Employment	Water Supp./Drinking Water Supp.	Civil Supp./Public Dist. System	Others	Total	
States							
Andhra Pradesh	—	5	—	—	5	75	
Arunachal Pradesh	—	—	—	—	—	0	
Assam	—	4	2	—	11	158	
Bihar	—	—	—	—	2	29	
Goa	—	1	1	—	30		
Gujarat	1	2	9	2	8	206	
Haryana	—	3	3	—	4	121	
Himachal Pradesh	3	3	1	—	2	40	
Jam. & Kash.	1	1	5	2	50		
Karnataka	1	10	2	1	10	128	
Kerala	—	2	—	—	5	53	
Madhya Pradesh	—	8	1	—	—	39	
Maharashtra	—	8	3	—	1	139	
Manipur	—	1	2	—	—	19	
Meghalaya	1	—	—	—	—	14	
Mizoram	—	—	—	—	—	0	
Nagaland	1	—	1	—	1	20	
Orissa	—	4	—	—	—	35	
Punjab	—	1	5	—	6	68	
Rajasthan	1	4	6	1	6	123	
Sikkim	—	—	—	—	2	4	
Tamil Nadu	—	10	7	1	17	322	
Tripura	—	8	—	—	1	48	
Uttar Pradesh	1	15	17	5	85	494	
West Bengal	1	3	3	—	3	42	
Union Territories							
A & N Islands	—	—	—	—	—	0	
Chandigarh	—	—	—	—	—	0	
D & N Haveli	—	—	—	—	—	0	
Daman & Diu	—	—	—	—	—	0	
Delhi	—	1	3	—	1	43	
Lakshadweep	—	—	—	—	—	0	
Pondicherry	—	1	1	—	3	30	
Total of SEOs*	11	95	72	10	175	2,330	
Percentage	0.47	4.08	3.09	0.43	7.51	100	
Studies by NGOs** in the states during 1995-2000	2	—	1	—	2	45	
Percentage	4.44	—	2.22	—	4.44	100	
Studies by SER*** during 1999-2000	—	—	—	—	1	18	
Percentage	—	—	—	—	5.56	100	
Central PEO@	3	15	2	3	18	180	
Percentage	1.67	8.33	1.11	1.67	10	100	
Grand Total	16	110	75	13	196	2,573	
Percentage	0.62	4.28	2.91	0.51	7.62	100.00	

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Note vi) *: In case of States/UTs, the data about evaluation studies conducted relates to since inception of various SEOs to 1999-2000 which is provisional.

vii) **: Studies conducted by NGOs in the states relate to the period 1995-2000 which is also provisional.

viii) ***: The studies got conducted by SER unit of Planning Commission relate to the studies conducted during 1999-2000 only.

ix) @: In case of Central PEO, the data about evaluation studies/publications relate to its inception in 1952 to 30.11.2000.