

APPENDIX - ITABLE : 1 : GROWTH RATES OF INDIAN ECONOMY

Period	Annual	Average	Growth in GNP at 1970-71 prices
First Plan (1951-52 to 1955-56)			3.6
Second Plan (1955-56 to 1960-61)			4.0
Third Plan (1961-62 to 1965-66)			2.5
Three Annual Plans (1966-67 to 1968-69)			4.1
Fourth Plan (1969-70 to 1973-74)			3.5
Fifth Plan (1974-75 to 1978-79)			5.2
Annual Plan (1979-80)		(-)	4.7
Sixth Plan (1980-81 to 1984-85)			5.3
Seventh Plan (1985-86 to 1988-89)			5.2

Source : Various issues of National Accounts Statistics
and Economic Survey.

TABLE: 2 : GROWTH RATES OF AGRICULTURAL PRODUCTION
(ALL COMMODITIES)

Period	Yearly growth rate	Period	Annual Compound Growth Rate
1950-51	-5.9	1950-51 to 55-56	3.00
1955-56	-0.4	1955-56 to 60-61	3.16
1960-61	8.2	1960-61 to 65-66	-1.16
1965-66	-16.6	1965-66 to 70-71	5.51
1970-71	7.4	1970-71 to 75-76	1.93
1975-76	15.2	1975-76 to 80-81	1.31
1980-81	16.6	1980-81 to 85-86	2.66
1981-82	5.6	1980-81 to 1988-89	3.21
1982-83	-3.8		
1983-84	13.7		
1984-85	-1.2		
1985-86	2.5		
1986-87	-3.7		
1987-88	-2.1		
1988-89	20.6		

Source : Basic Statistics relating to the Indian economy
 Centre for Monitoring Indian economy, Vol-1:
 All India, August 1989, Table 13.1.

TABLE: 3 : INVESTMENT IN INDUSTRY (AT 1970-71 PRICES) (RS. CRORES)

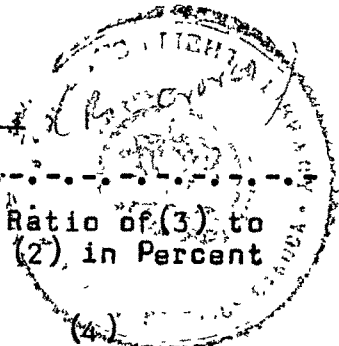
Period (1)	Gross Domestic Capital Formation		(2) as percent of total (3)
	Industry (2)	Total (3)	(4)
1950-51	366	2379	15.3
1955-56	821	3323	24.7
1960-61	1381	4523	30.5
1965-66	2179	6170	35.3
1970-71	2626	7177	36.5
1975-76	3229	8463	38.1
1976-77	2865	9316	30.7
1977-78	3550	10072	35.2
1978-79	4611	12273	37.15
1979-80	4222	11006	38.3
1980-81	4374	12043	36.3
1981-82	4545	11942	38.0
1982-83	4578	12071	37.9
1983-84	4790	13132	36.4
1984-85	4848	13846	35.0

Source : National Accounts Statistics, January 1985, Page 49
and January, 1987, Page 153.

Column (2) includes figures for manufacturing
 (registered and unregistered) and also electricity,
 gas and water supply but excludes construction.

National Accounts Statistics, Central Statistical
Organisation Department of Statistics, Ministry
of Planning, Government of India.

TABLE 4 : CAPITAL INTENSITY IN MANUFACTURING



Period	Value of Fixed Capital (Written down value)	Net Value added	Ratio of (3) to (2), in Percent
(1)	(2)	(3)	(4)
1959-60	1134	759	67.0
1960-61	1474	987	67.0
1970-71	8800	3123	35.4
1976-75	11332	5492	48.4
1980-81	29900	11929	40.0
1981-82	34702	14512	42.0
1982-83	41006	16674	40.6
1983-84	48606	20137	41.4
1984-85	54842	20887	38.0
1985-86	60085	23266	38.7

Source : Annual Survey of industries, 1964-65 and 1985-86
The data pertain to factory sector.

TABLE : 5 : EMPLOYMENT IN MANUFACTURING SECTOR

Year	Employment in Manufacturing (000 Persons)		Total (4=2+3)	Percent (5=2+4)	Percent (6=3+4)
	Public Sector (2)	Private Sector (3)			
(1)	(2)	(3)	(4)	(5)	(6)
1961	369	3020	3389	10.8	89.1
1965	635	3610	4245	14.9	85.1
1970	782	3900	4682	16.7	83.3
1975	1019	4108	5127	19.9	80.1
1976	1113	4158	5271	21.2	78.8
1977	1222	4157	5379	22.7	77.3
1978	1400	4091	5491	25.5	74.5
1979	1509	4082	5591	27.0	73.0
1980	1367	4329	5696	24.0	76.0
1981	1586	4641	6227	25.4	74.6
1982					
1983	1723	4492	6215	27.7	72.3
1984	1747	4450	6197	28.2	71.8
1985	1812	4478	6290	28.8	71.2
1986	1846	4418	6264	29.5	70.5
1987	2000	4250	6250	32.0	68.0
1988	1870	4399	6269	29.8	70.2

Source : Report on Currency and Finance, 1987-88, Volume:II
 Statistical Statements, Page: 17; Division of reports,
 reviews and publications, Department of Economic
 analysis and policy for the Reserve Bank of India.

TABLE : 6 : PUBLIC SECTOR - NET VALUE ADDED (NVA) AND GROSS DOMESTIC CAPITAL FORMATION (GDCF)
(1970-71 - 1985-86) (Rs. Crores at Current Prices)

Period	NVA from public sector in manufactu- ring.	NVA in Manufactu- ring (Organised with registered & unregistered)	Percent (4=2+3)	GDCF in manufac- turing from public sector	GDCF in Manufac- turing	Percent (7=5+6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1970-71	506	2874	17.6	436	1420	30.7
1976-77	1682	6640	25.3	1737	2417	71.8
1977-78	1788	7293	24.5	1607	2931	54.8
1978-79	2039	8372	24.3	1870	4894	38.2
1979-80	2337	9608	24.3	2657	5214	51.0
1980-81	2680	10915	24.5	3127	6048	51.7
1981-82	3118	12411	25.1	2585	7198	49.8
1982-83	3683	13142	28.0	3821	7306	52.3
1983-84	4386	16412	26.7	4139	8560	48.3
1984-85	5042	18676	27.0	5273	8822	59.2

Source : National Accounts Statistics, 1985 (Pages 48, 58, 70 & 138).

Figures for earlier years are not reported since they are not comparable.

TABLE : 7 : SAVING, INVESTMENT AND GROWTH

Plan Period	Annual Growth in GNP at 1970-71 prices	Gross Domestic Savings Ratio (Current Prices)	Gross invest ment Ratio (Current Prices)
Ist Plan (1961-52 to 1955-56)	3.6	10.4	10.8
Second Plan (1955-56 to 1960-61)	4.0	12.3	15.3
Third Plan (1961-62 to 1965-66)	2.5	14.3	16.7
Three Annual Plans (1966-67 to 1968-69)	4.1	14.8	17.2
Fourth Plan (1974-75 to 1978-79)	3.5	17.2	18.0
Fifth Plan (1974-75, to 1978-79)	5.2	21.7	21.9
Annual Plan (1979-80)	(-)4.7	23.0	23.5
Sixth Plan (1980-81 to 1984-85)	5.3	22.5	24.0
1985-86	4.9	20.4	22.8
1986-87	3.9	22.0	21.7
1987-88	3.8	19.6	21.7
1988-89	10.6	21.0	23.9
1989-90	7.2 ^a	22.4 ^a	25.0 ^a

^a Projected

Source : Economic Survey, 1984-85, 1989-90.

TABLE : 8 : INFLATION RATES IN INDIA

Period	Wholesale price index (1970-71=100)	$\dot{p}$ (yearly rate of change in WPI)
1951-52	52.07	5.4
1955-56	40.8	-5.2
1960-61	55.1	6.5
1965-66	72.66	7.6
1970-71	100.0	5.6
1971-72	105.6	5.6
1972-73	116.2	10.0
1973-74	139.7	20.2
1974-75	175.0	25.2
1975-76	173.0	-1.1
1976-77	176.4	2.1
1977-78	185.8	5.2
1978-79	185.8	0.0
1979-80	217.6	17.2
1980-81	257.3	18.2
1981-82	280.6	9.3
1982-83	294.1	2.6
1983-84	317.3	7.8
1984-85	335.4	5.7
1985-86	353.2	5.3
1986-87	380.0	7.6
1987-88	410.4	8.0

Source : Economic Survey, 1989-90. Ministry of Finance,
Economic division, Government of India.

TABLE NO.10 : DATA ON MACROECONOMIC VARIABLES

	Imports (Rs. Crores)	% Rate of Growth	Trade Balance (Rs. Crores)	Current Account Balance (Rs.Cror.)	% Rate of Growth	Capital Imports (Rs. Crores)	Net Production (Million Tonnes)	Net Imports (Million Tonnes)	Net Availability
1960-61	1122	16.8	-480	-392	-2.4	478	72	3.5	75.7
1961-62	1092	-2.7	-431	-306	-1.78	471	72.1	3.6	76
1962-63	1131	3.6	-446	-354	-1.92	505	70.3	4.5	74.8
1963-64	1223	8.1	-430	-349	-1.64	552	70.6	6.2	78.1
1964-65	1349	10.3	-533	-452	-1.83	599	78.2	7.4	84.5
1965-66	1409	4.4	-603	-511	-1.95	605	63.3	10.3	73.5
1966-67	2078	47	-921	-844	-2.85	691	65	8.6	73.8
1967-68	2008	-3.4	-809	-806	-2.32	623	83.1	5.6	86.8
1968-69	1909	-4.9	-551	-365	-1	613	82.2	3.8	85.6
1969-70	1582	-17.1	-169	-217	-0.53	481	87	3.5	89.5
1970-71	1634	3.3	-99	-331	-0.77	551	94.8	2	94.3
1971-72	1825	11.7	-217	-402	-0.87	810	92	-0.5	96.2
1972-73	1867	2.3	104	-252	-0.49	866	85	3.6	88.8
1973-74	2955	58.3	-432	1301	2.1	1011	91.6	5.1	97.1
1974-75	4519	52.9	-1190	-644	-0.88	723.3	87.3	7.5	89.3
1975-76	5265	16.5	-1223	294	0.37	967	106	0.67	95.8
1976-77	5074	-3.6	68	1526	1.8	1079	97.2	0.1	99
1977-78	6020	18.8	-612	1735	1.81	1158.8	110.6	-0.6	110.2
1978-79	6811	13.1	-1085	173	0.17	1274	115.4	-0.2	115
1979-80	9143	34.2	-2725	-235	-0.21	1306.1	96	-0.34	101.4
1980-81	12549	37.3	-5838	-1657	-1.22	1910	113.4	0.66	114.3
1981-82	13608	8.4	-5802	-2317	-1.45	2096	116.6	1.58	117
1982-83	14293	5	-5490	-2296	-1.29	2716	113.3	4.07	115
1983-84	15831	10.8	-6060	-2262	-1.09	2981	133.3	2.37	128.6
1984-85	17134	8.2	-5390	-2852	-1.24	2747	127.3	-0.35	124.3
1985-86	19658	14.7	-8763	-5927	-2.26	5285	131.6	-0.06	133.1
1986-87	20201	2.8	-7749	-5830	-1.99	5467	125.5	-0.37	134.6
1987-88	22399	10.9	-6658	-6293	-1.9	5711	122.8	2.37	129.8

(Food Grains)

Source : Economic Survey, Various issues and report on currency and finance, various issues.

TABLE NO.11 : DATA ON MACROECONOMIC VARIABLES

	Budgetary Deficits (Rs. Crores)	R.B.I Credit to Govt. (Rs. Crores)	GDP (1970-71 Prices)	NNP (1970-71 Prices)	M1 Narrow Money	M3 Broad Money
			G r o w t h		R a t e s	
1960-61	117	1897	7.1	7	5.5	8.1
1961-62	-114.5	2057	3.1	2.7	6.2	5.7
1962-63	-156.1	2264	2.1	1.7	8.7	9.7
1963-64	-166.8	2459	5.1	5	13.4	11
1964-65	-172	2586	7.6	7.4	8.7	10.8
1965-66	-173	2957	-3.7	-4.2	11	10.7
1966-67	-295	3077	1	0.5	9.3	11.2
1967-68	-206	3244	8.1	8.2	8.1	9.1
1968-69	-262	3591	2.6	2.5	8	10.7
1969-70	-46	3501	6.5	6.7	10.2	12.4
1970-71	-285	3812	5	5.2	12	17.3
1971-72	-519	4694	1	0.6	13.6	16.3
1972-73	-869	5494	-0.3	-0.8	16.3	18.5
1973-74	-328	6240	4.6	4.9	15.3	16.8
1974-75	-311.1	6575	1.2	1.3	6.5	10.7
1975-76	-366	6697	9	9.5	10.4	14.4
1976-77	-425	6926	1.2	0.9	18.7	22.4
1977-78	-933	7387	7.5	7.7	17.8	20.6
1978-79	-1505.7	8568	5.5	5.6	19.9	21.2
1979-80	-2433	11534	-5.2	-6	15.6	17.3
1980-81	-2577	15232	7	7.3	15.8	13.2
1981-82	-1392	19229	6	5.8	6.9	12.7
1982-83	-1655	21737	3	2.1	15.3	16.7
1983-84	-1417	25724	8.1	8	17.1	16.7
1984-85	-3475	29774	3.9	3.5	19.5	19.1
1985-86	-4937	38901	4.9	4.8	10.4	16
1986-87	-8261	45768	4.2	3.6	17	15.6
1987-88	-6080	52793	4.1	3.5	12.9	15.6

Source : Economic Survey, Various issues and report on currency and finance, various issues.

Index
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with weights
directly calculated

TABLE NO.12 : DATA ON MACROECONOMIC VARIABLES

Year	Exchange Rates		Quantum Index		Foreign Remittance (Rs. crores)
	Nominal	Real	Exports	Imports	
1970-71	100	100	67.2	59	80.6
1971-72	98	100	80.6	59.2	111.8
1972-73	92	98	76.7	66.5	104.2
1973-74	83	93	87.2	69.5	142.5
1974-75	82	95	77.2	73.7	220.2
1975-76	78	89	76	81.7	423.6
1976-77	77	80	76.1	96.8	623.8
1977-78	77	80	100	93.2	917.3
1978-79	74	73	100	100	943.8
1979-80	72	73	116.4	106.2	1472.1
1980-81	70	73.6	137.9	108.1	2129.7
1981-82	69.1	70.4	150.6	110.1	2083
1982-83	66.6	71.5	154.6	116.7	2431
1983-84	62.1	70.3	185.4	113	2648
1984-85	58.4	68.4	156.1	120.8	2982
1985-86	49.6	61.4	181.2	111.3	2635
1986-87	44.2	57.8	212	121	2790
1987-88	38.3	52.9	220	130	3332

Source : Centre for monitoring Indian economy (CMIE),
Vol.1, all India, August 1989.